

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111395.D
 Acq On : 14 Dec 2018 2:54
 Operator : JU/SJ
 Sample : J6322-23MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618MS

Manual Integrations
 APPROVED

Sohil
 12/14/2018 12:54:01 PM

Quant Time: Dec 14 04:14:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	238637	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1102349	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	435672	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	636911	20.00	ng	0.00
76) Chrysene-d12	13.95	240	414832	20.00	ng	0.00
87) Perylene-d12	15.39	264	335825	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1900274	134.66	ng	0.02
7) Phenol-d6	6.45	99	2317045	121.78	ng	0.02
23) Nitrobenzene-d5	7.36	82	1684655	86.14	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	407493	106.10	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2528491	93.18	ng	0.00
79) Terphenyl-d14	12.90	244	1750501	92.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	249776	35.434	ng	98
3) Pyridine	3.32	79	647043	37.366	ng	98
4) n-Nitrosodimethylamine	3.24	42	381844	47.269	ng	94
6) Aniline	6.46	93	374343	16.263	ng	# 1
8) 2-Chlorophenol	6.59	128	716889	41.330	ng	99
9) Benzaldehyde	6.34	77	262294	21.002	ng	96
10) Phenol	6.46	94	957827	44.440	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	690869	40.745	ng	99
12) 1,3-Dichlorobenzene	6.74	146	778471	41.458	ng	98
13) 1,4-Dichlorobenzene	6.81	146	734993	38.667	ng	96
14) 1,2-Dichlorobenzene	6.97	146	694924	39.518	ng	98
15) Benzyl Alcohol	6.95	79	571716	39.241	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1344973	40.944	ng	87
17) 2-Methylphenol	7.06	107	580391	41.410	ng	# 95
18) Hexachloroethane	7.31	117	290087	41.106	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	569322	45.029	ng	98
20) 3+4-Methylphenols	7.22	107	805704	48.204	ng	# 67
22) Acetophenone	7.20	105	1113934	43.503	ng	# 86
24) Nitrobenzene	7.38	77	830374	41.219	ng	94
25) Isophorone	7.62	82	1534280	46.183	ng	99
26) 2-Nitrophenol	7.69	139	381650	38.542	ng	98
27) 2,4-Dimethylphenol	7.74	122	697045	46.372	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	998918	43.807	ng	98
29) 2,4-Dichlorophenol	7.95	162	636790	40.611	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	643908	39.966	ng	98
31) Naphthalene	8.10	128	2199581	42.827	ng	98
32) Benzoic acid	7.85	122	313655m	25.101	ng	
33) 4-Chloroaniline	8.15	127	135550	6.180	ng	96
34) Hexachlorobutadiene	8.22	225	347542	38.884	ng	99
35) Caprolactam	8.52	113	203213	36.986	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	631922	37.819	ng	100
37) 2-Methylnaphthalene	8.79	142	1429412	43.054	ng	99
38) 1-Methylnaphthalene	8.89	142	1335117	41.666	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	536403	43.801	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	219489	34.324	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	369601	42.166	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	365599	39.466	nq	94
46) 1,1'-Biphenyl	9.26	154	1571293	42.270	nq	96
47) 2-Chloronaphthalene	9.28	162	1216420	42.729	nq	96
48) 2-Nitroaniline	9.37	65	399769	43.214	nq	95
49) Acenaphthylene	9.69	152	1857981	44.672	nq	96
50) Dimethylphthalate	9.56	163	1636823	52.245	nq	100
51) 2,6-Dinitrotoluene	9.62	165	295362	42.531	nq	94
52) Acenaphthene	9.87	154	1063938	40.557	nq	99
53) 3-Nitroaniline	9.78	138	230882	27.660	nq	99
54) 2,4-Dinitrophenol	9.89	184	19554	7.177	nq	92
55) Dibenzofuran	10.04	168	1564706	41.317	nq	96
56) 4-Nitrophenol	9.96	139	400551	66.634	nq	87
57) 2,4-Dinitrotoluene	10.02	165	351099	39.448	nq	96
58) Fluorene	10.38	166	1133645	41.845	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	266281	37.210	nq	99
60) Diethylphthalate	10.26	149	1320040	41.852	nq	100
61) 4-Chlorophenyl-phenylether	10.37	204	535220	39.851	nq	97
62) 4-Nitroaniline	10.40	138	273788	34.124	nq	92
63) Azobenzene	10.53	77	1233903	38.800	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	26095	7.137	nq	96
66) n-Nitrosodiphenylamine	10.49	169	1031431	45.526	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	310547	43.798	nq	97
68) Hexachlorobenzene	10.93	284	306850	42.028	nq	98
69) Atrazine	11.02	200	294788	44.987	nq	98
70) Pentachlorophenol	11.13	266	269767	55.524	nq	96
71) Phenanthrene	11.34	178	1471674	44.704	nq	95
72) Anthracene	11.39	178	1511821	45.101	nq	96
73) Carbazole	11.55	167	1384507	39.945	nq	96
74) Di-n-butylphthalate	11.88	149	1780514	45.117	nq	97
75) Fluoranthene	12.53	202	1400025	43.563	nq	98
77) Benzidine	12.65	184	290975	37.169	nq	97
78) Pyrene	12.76	202	1424597	44.497	nq	96
80) Butylbenzylphthalate	13.37	149	686541	44.663	nq	98
81) Benzo(a)anthracene	13.94	228	1014147	43.694	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	316252	36.027	nq	97
83) Chrysene	13.98	228	1033772	43.655	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	881518	46.909	nq	99
85) Di-n-octyl phthalate	14.55	149	1497366	48.527	nq	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	811405	43.810	nq	99
88) Benzo(b)fluoranthene	14.97	252	851874	44.610	nq	99
89) Benzo(k)fluoranthene	15.00	252	849211	44.552	nq	99
90) Benzo(a)pyrene	15.33	252	808046	45.446	nq	98
91) Dibenzo(a,h)anthracene	16.82	278	682778	46.155	nq	97
92) Benzo(g,h,i)perylene	17.23	276	596007	40.298	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

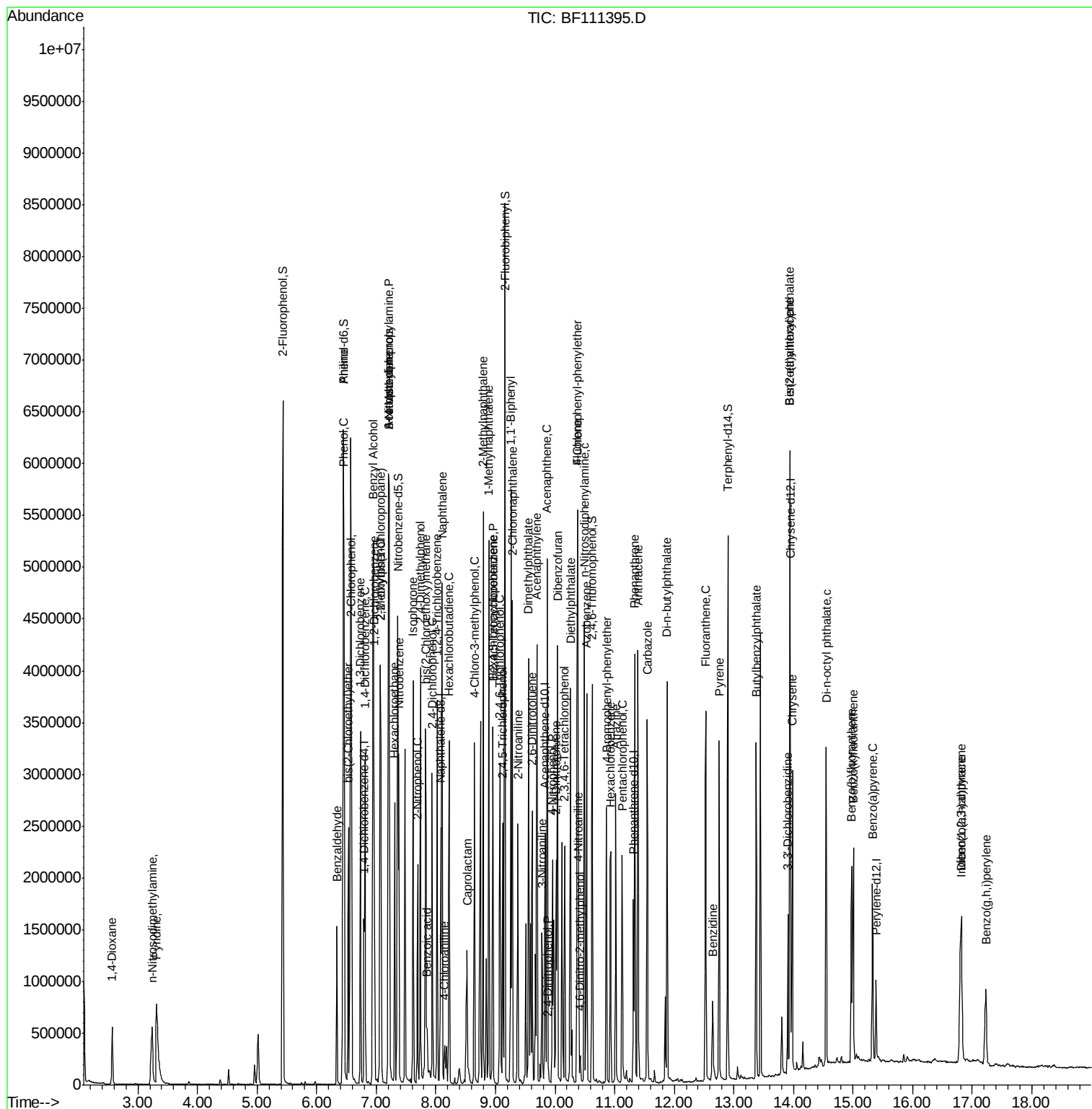
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Sample : J6322-23MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

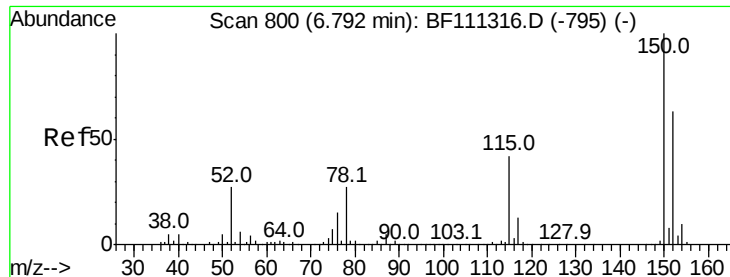
Instrument :
BNA_F
ClientSampleId :
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#1

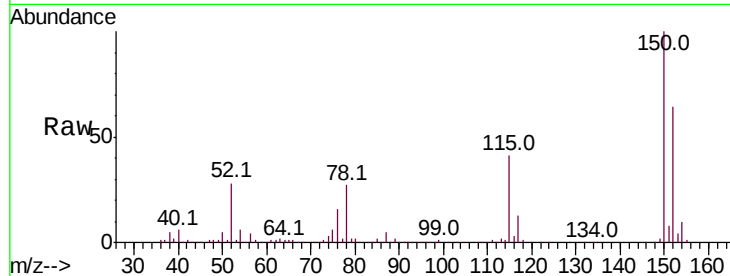
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.6	189.8
115	63.8	50.7	76.1

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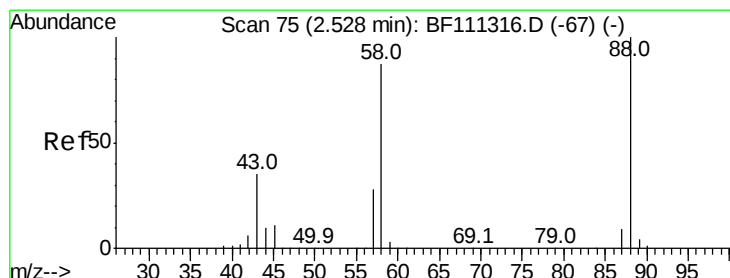
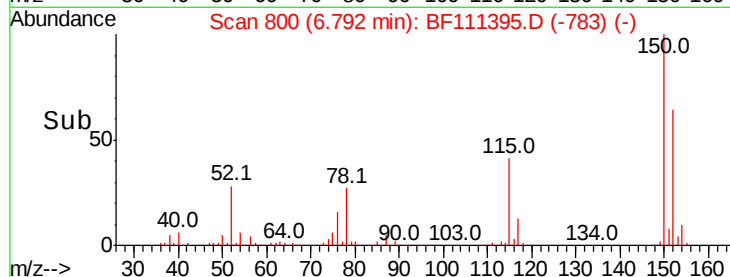
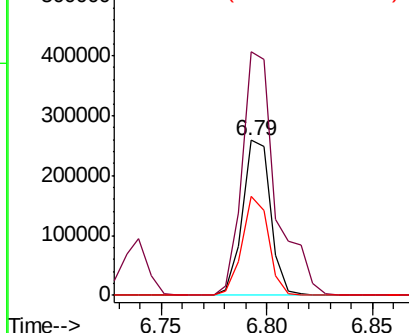


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.434 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.04 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

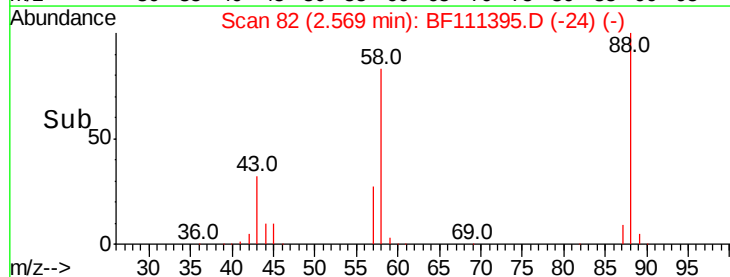
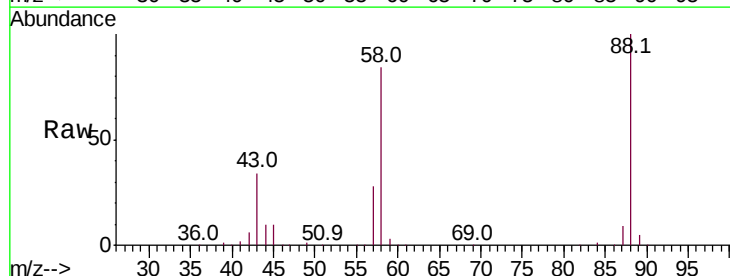
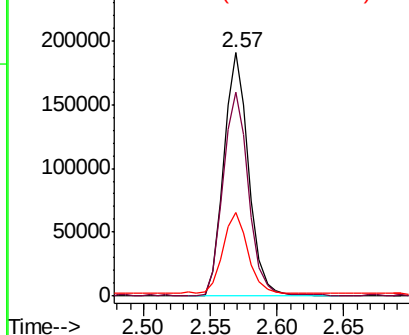
Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	68.9	103.3
43	33.7	25.8	38.6

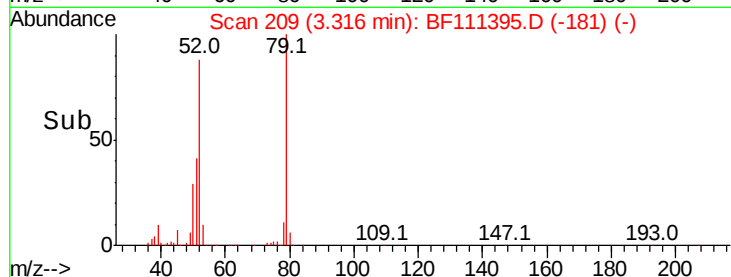
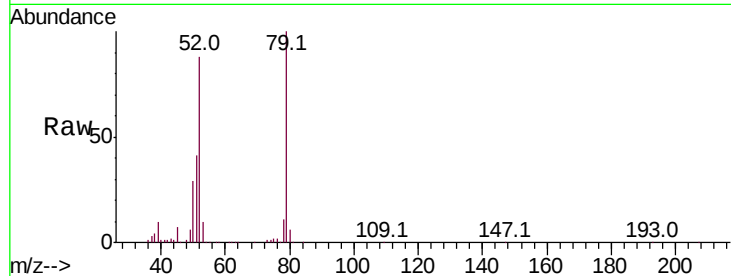
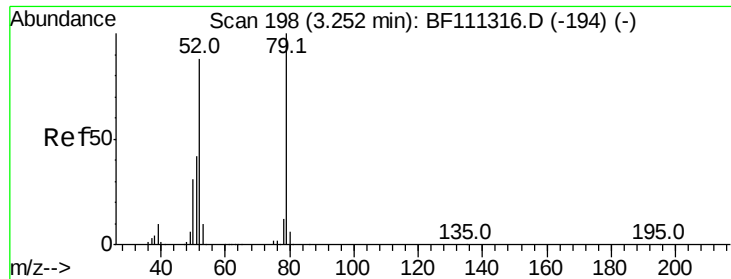
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





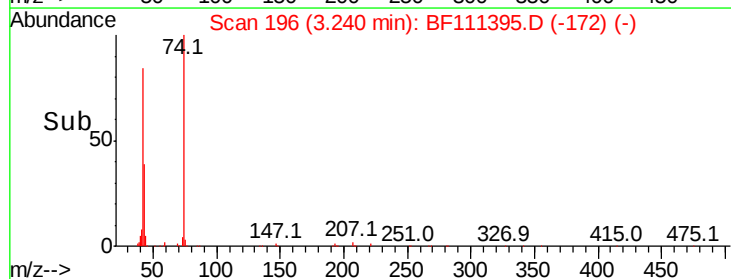
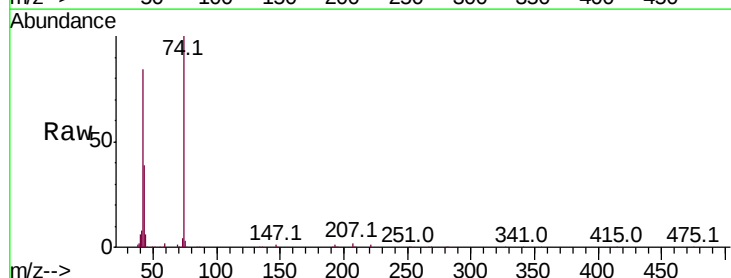
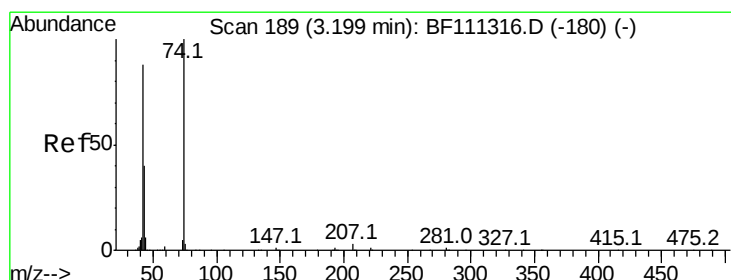
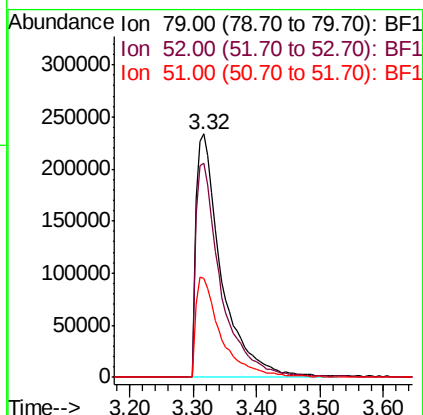
#3
Pvridine
Concen: 37.366 ng
RT: 3.32 min Scan# 209
Delta R.T. 0.06 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tot Ion: 79 Resp: 647043
Ion Ratio Lower Upper
79 100
52 87.8 68.3 102.5
51 40.8 32.6 49.0

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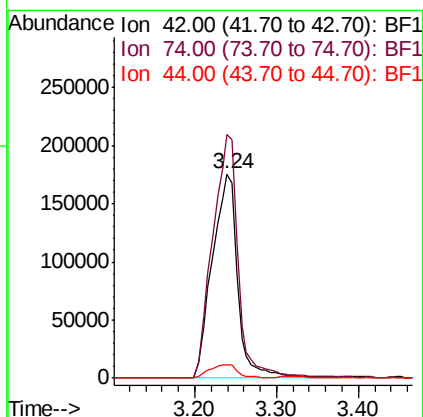
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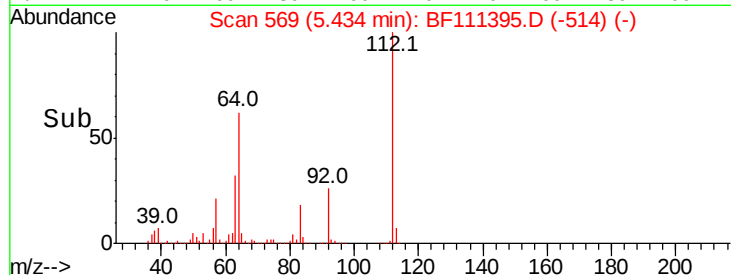
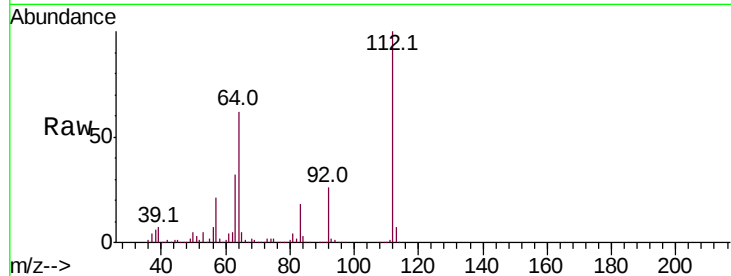
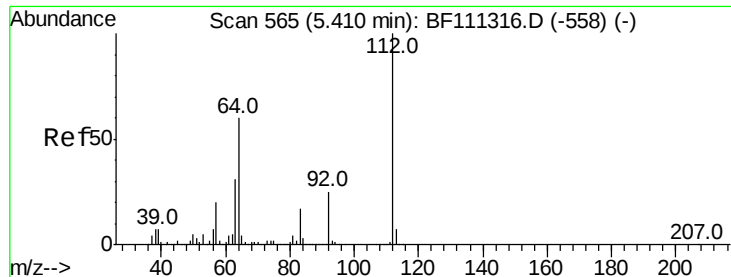
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#4
n-Nitrosodimethylamine
Concen: 47.269 ng
RT: 3.24 min Scan# 196
Delta R.T. 0.04 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion: 42 Resp: 381844
Ion Ratio Lower Upper
42 100
74 119.4 101.5 152.3
44 6.6 6.0 9.0





#5

2-Fluorophenol

Concen: 134.657 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

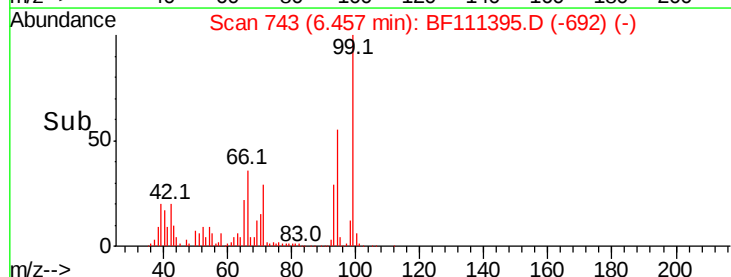
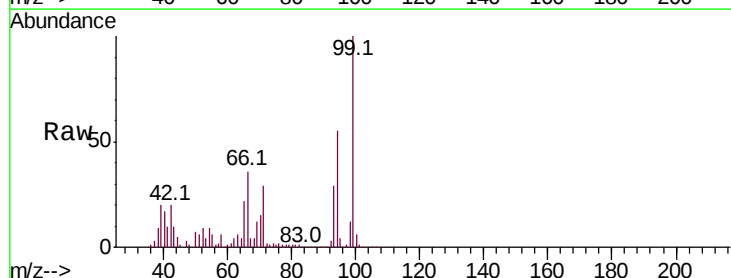
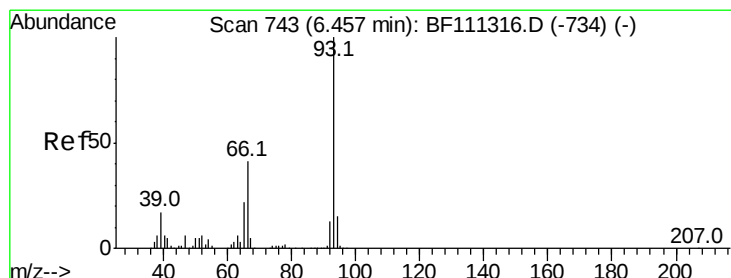
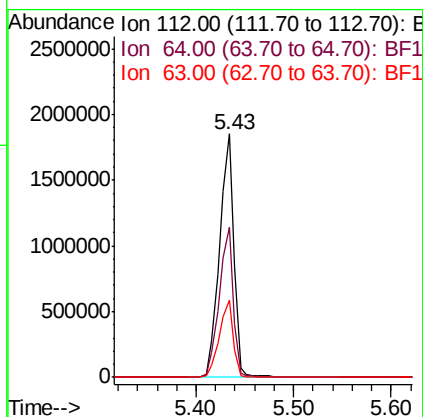
ClientSampleId :

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Tot Ion:	112	Resp:	1900274
Ion Ratio	Lower	Upper	
112	100		
64	61.9	51.8	77.6
63	31.7	26.8	40.2

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#6

Aniline

Concen: 16.263 ng

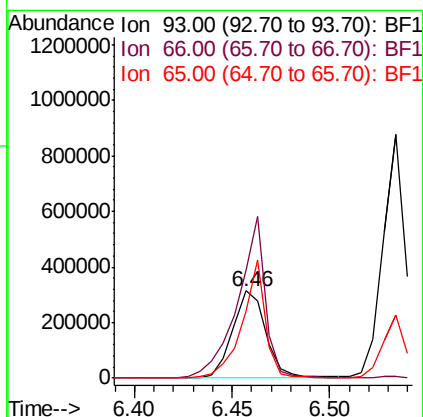
RT: 6.46 min Scan# 743

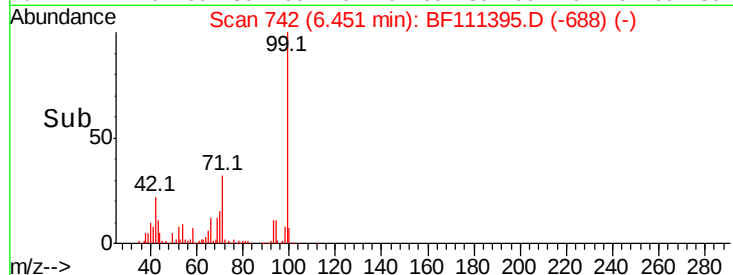
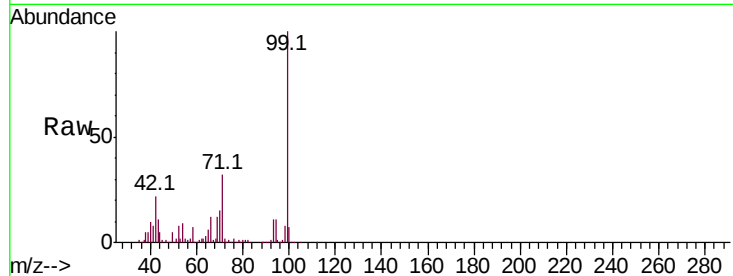
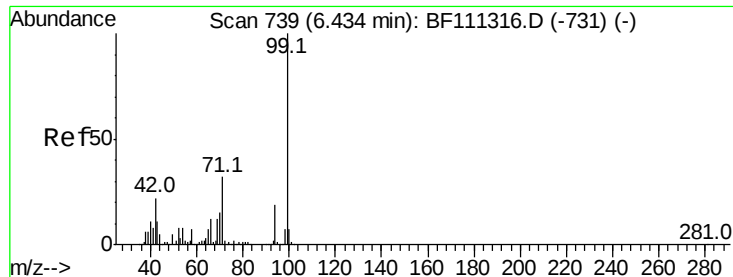
Delta R.T. -0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion:	93	Resp:	374343
Ion Ratio	Lower	Upper	
93	100		
66	123.0	33.2	49.8#
65	76.5	17.0	25.4#





#7

Phenol-d6

Concen: 121.779 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tot Ion:	99	Resp:	2317045
Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	32.3	26.1	39.1

Instrument :

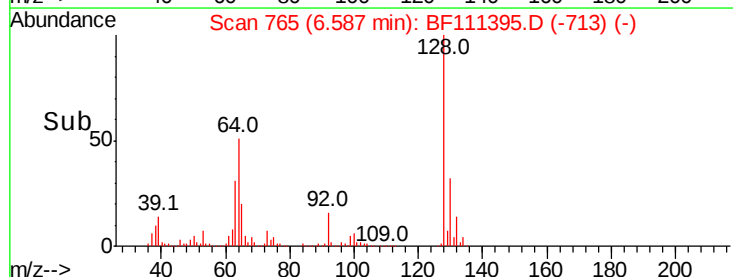
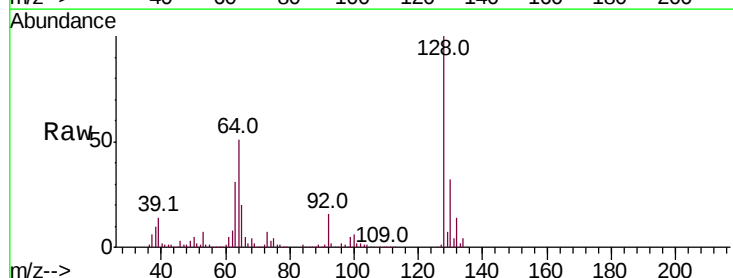
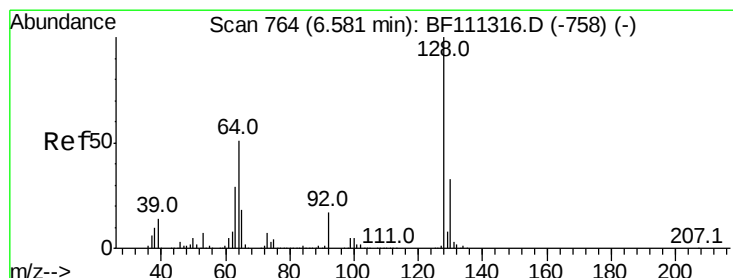
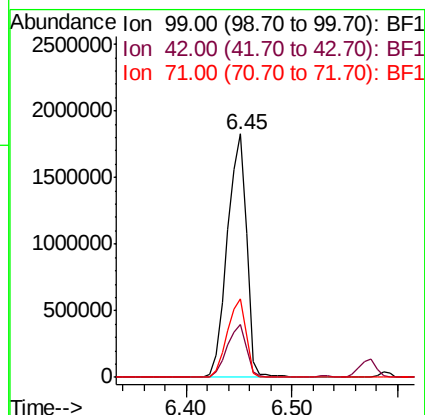
BNA_F

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#8

2-Chlorophenol

Concen: 41.330 ng

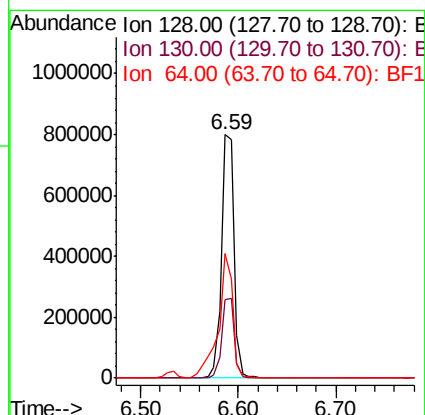
RT: 6.59 min Scan# 765

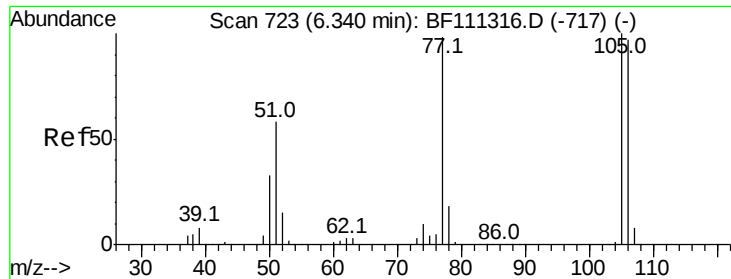
Delta R.T. 0.01 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion:	128	Resp:	716889
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	51.1	30.0	70.0





#9

Benzaldehyde

Concen: 21.002 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

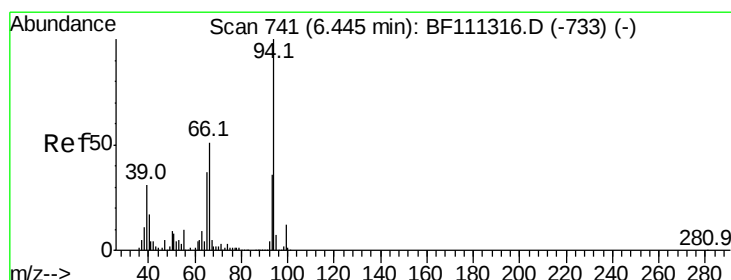
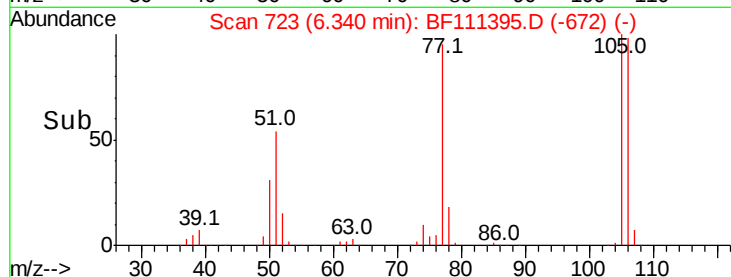
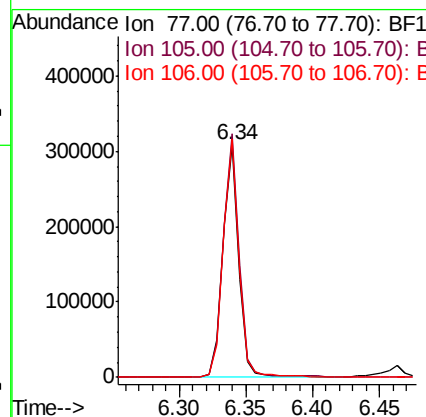
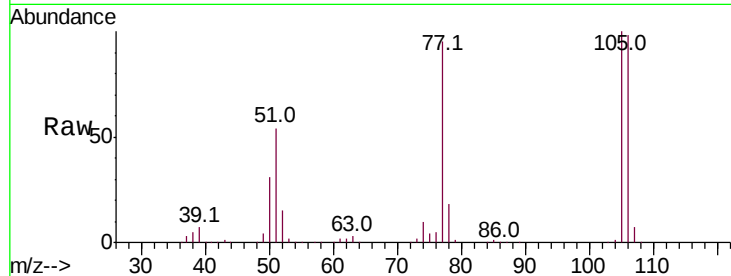
ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion:	77	Resp:	262294
Ion Ratio	Lower	Upper	
77	100		
105	104.9	81.4	121.4
106	102.5	77.9	117.9

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#10

Phenol

Concen: 44.440 ng

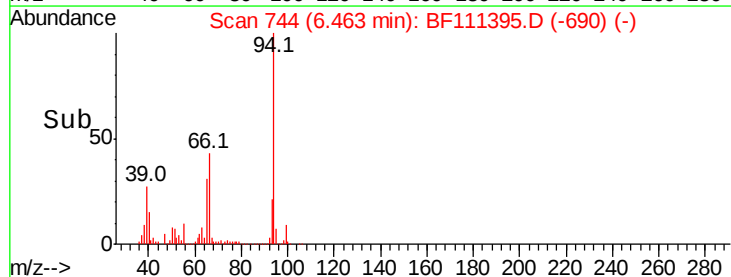
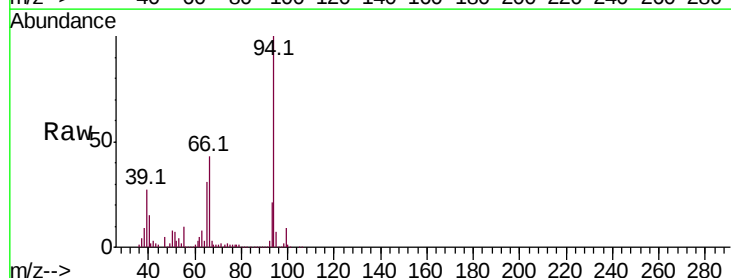
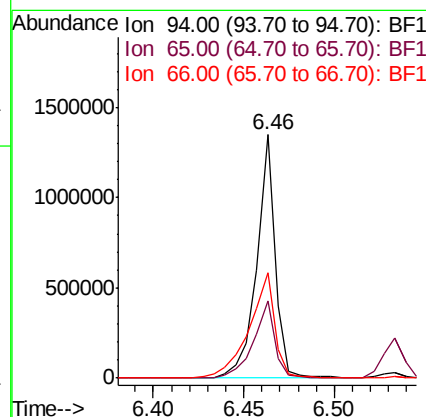
RT: 6.46 min Scan# 744

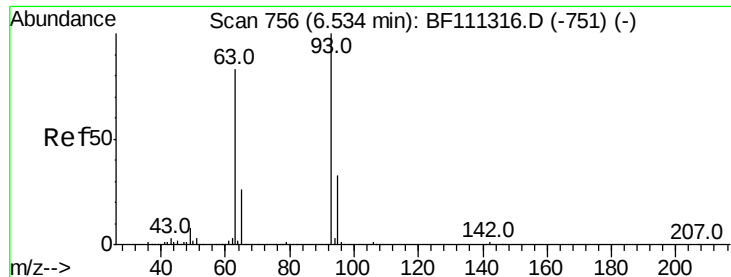
Delta R.T. 0.02 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion:	94	Resp:	957827
Ion Ratio	Lower	Upper	
94	100		
65	31.5	11.7	51.7
66	43.3	21.0	61.0





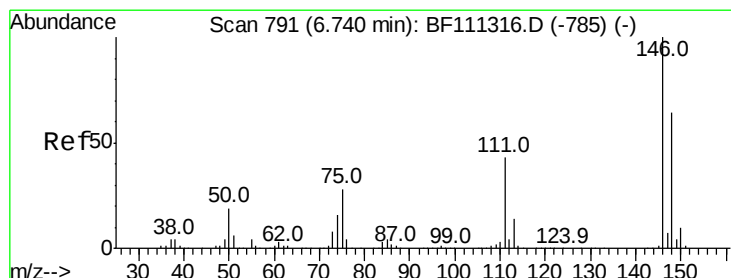
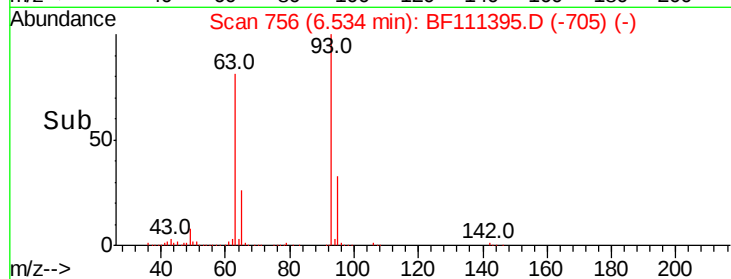
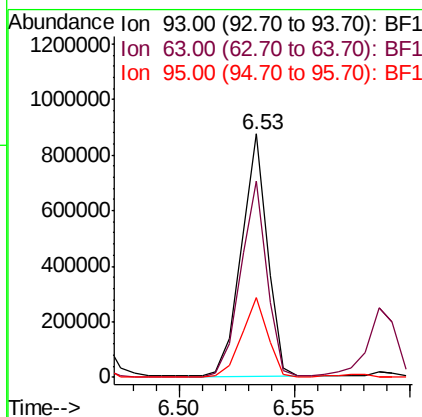
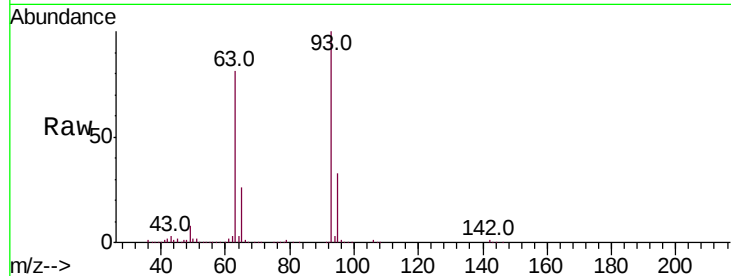
#11
bis(2-Chloroethyl)ether
Concen: 40.745 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.8	60.0	100.0
95	32.8	13.4	53.4

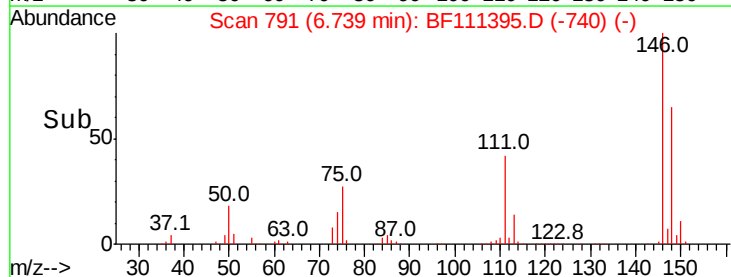
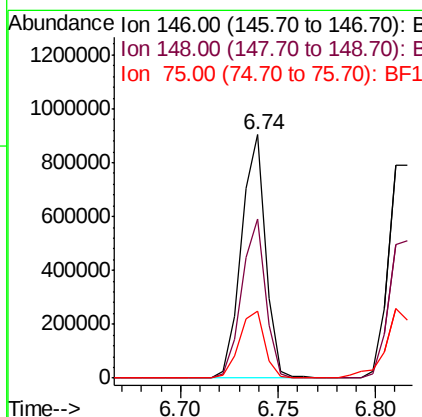
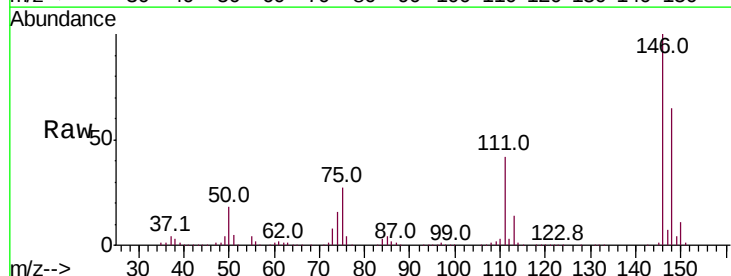
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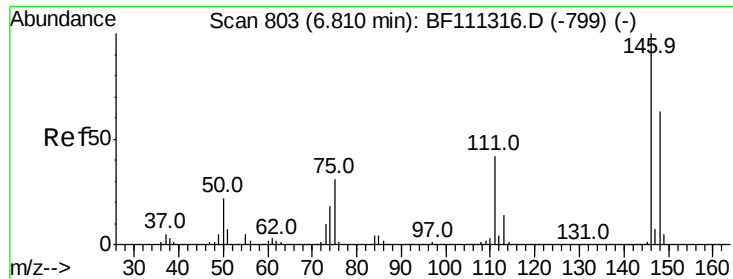
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.458 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
75	27.4	23.9	35.9





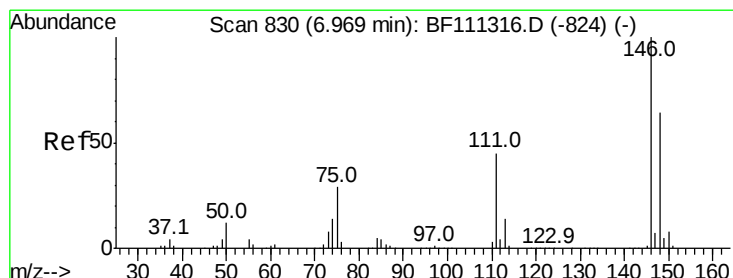
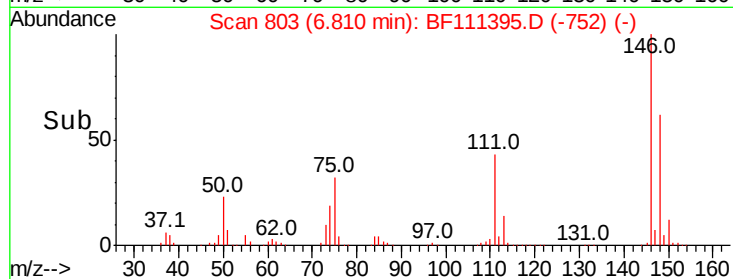
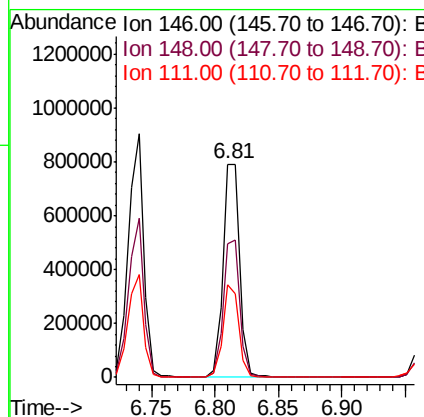
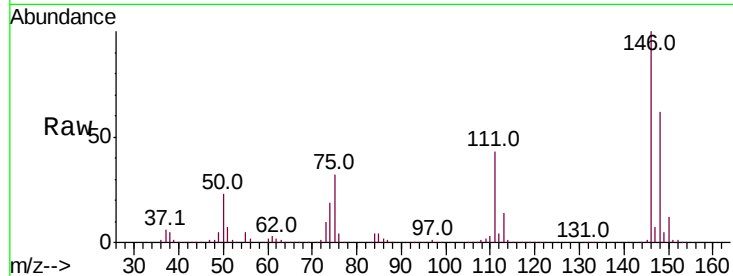
#13
 1,4-Dichlorobenzene
 Concen: 38.667 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.8	79.2
111	43.5	33.4	50.0

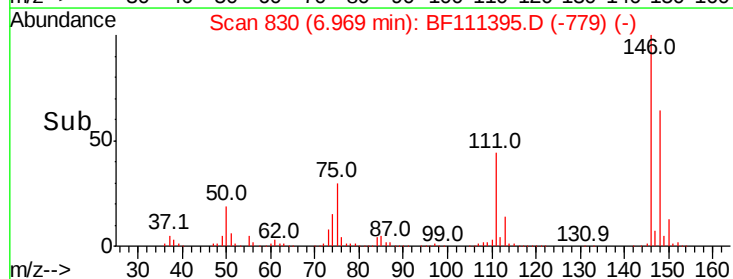
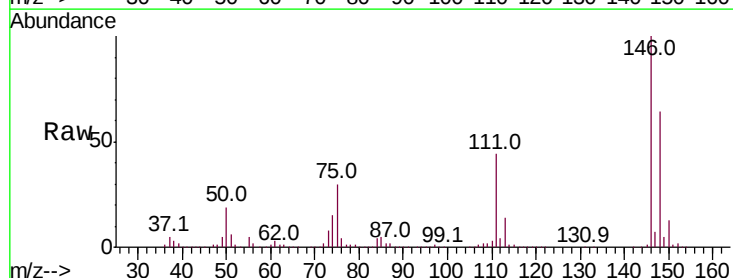
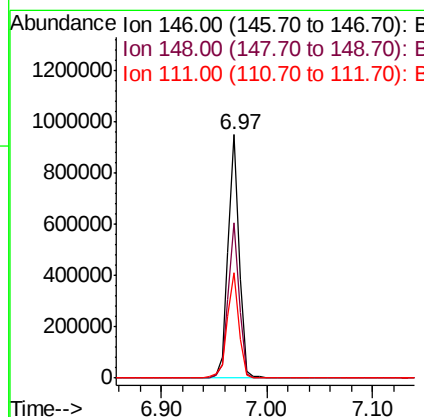
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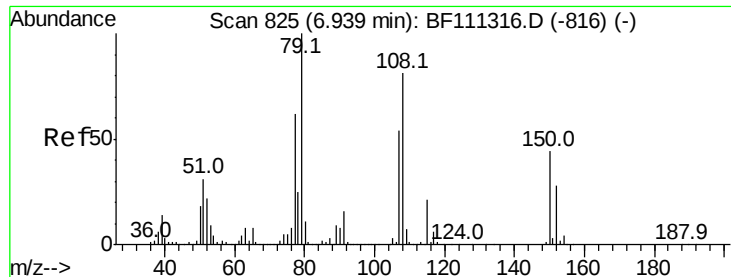
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.518 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	43.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 39.241 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

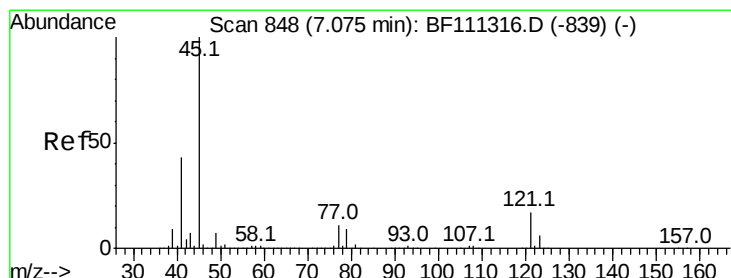
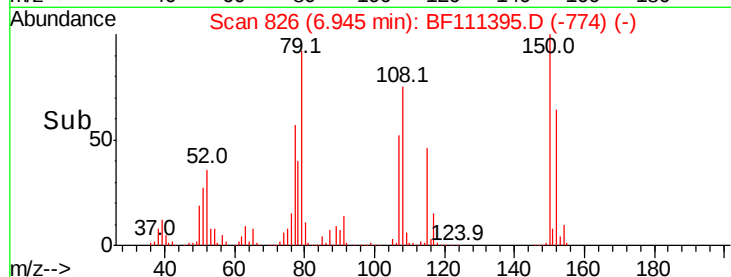
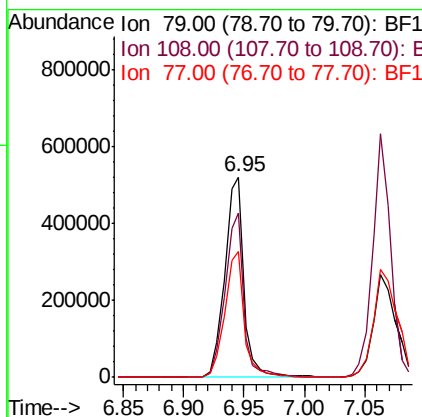
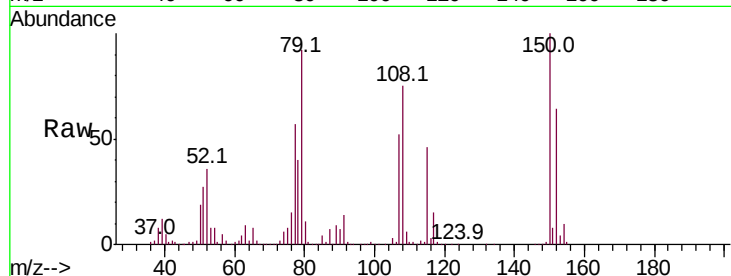
ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion:	79	Resp:	571716
Ion Ratio	Lower	Upper	
79	100		
108	82.0	69.4	104.2
77	62.5	49.7	74.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.944 ng

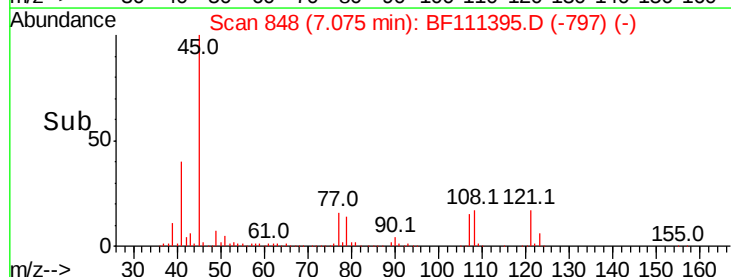
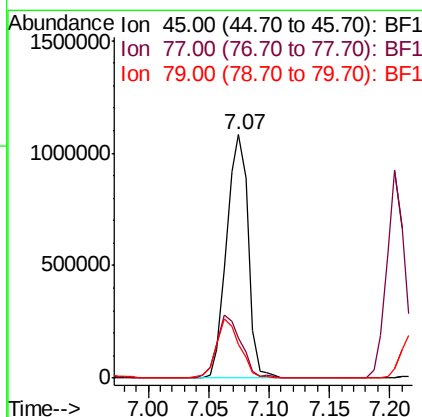
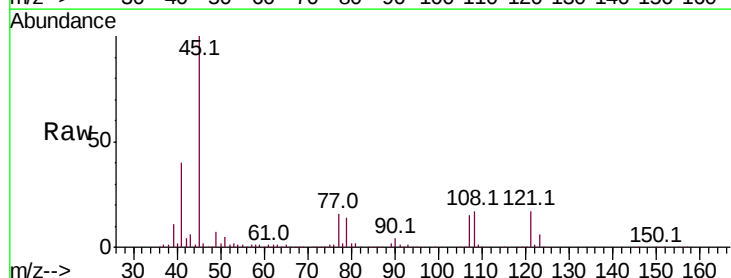
RT: 7.07 min Scan# 848

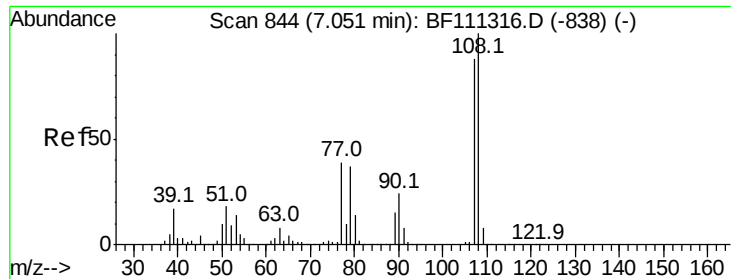
Delta R.T. -0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion:	45	Resp:	1344973
Ion Ratio	Lower	Upper	
45	100		
77	16.5	0.0	31.5
79	13.8	0.0	28.9





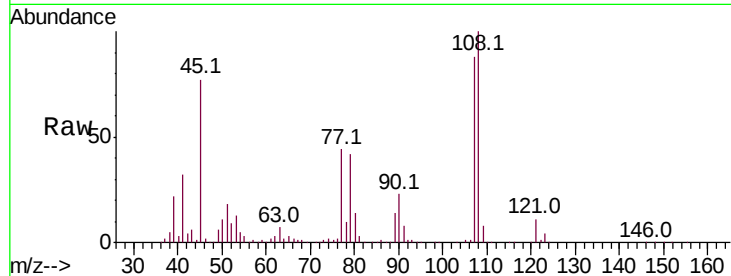
#17
2-Methylphenol
Concen: 41.410 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.0	136.4	
77	50.6	33.5	50.3	
79	47.9	33.3	49.9	

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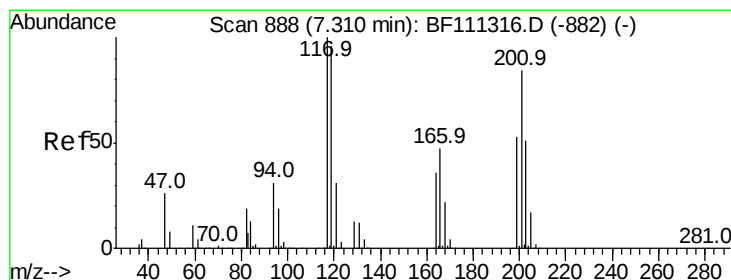
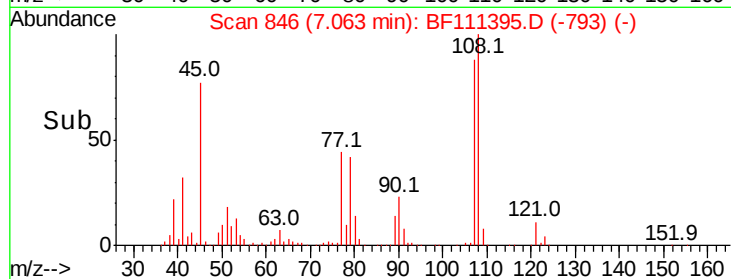
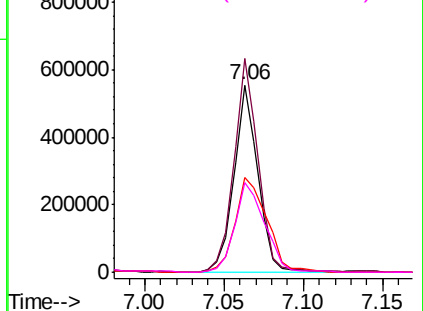
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

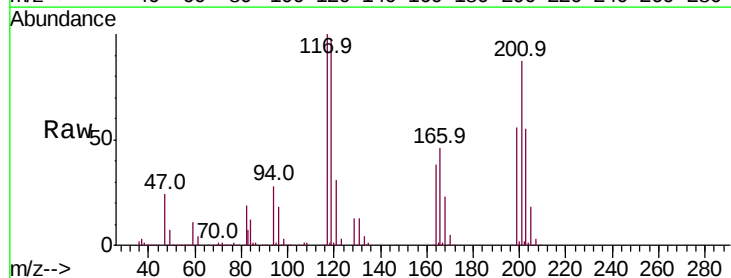
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.106 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.4	113.0	
201	86.5	62.4	93.6	

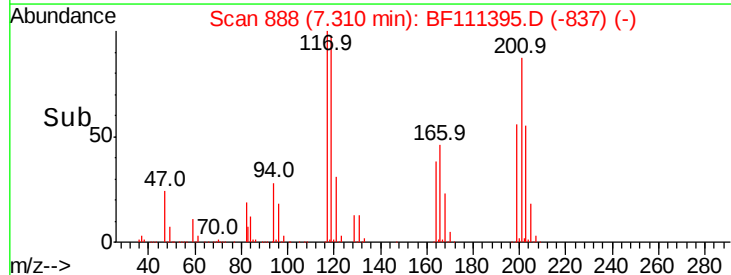
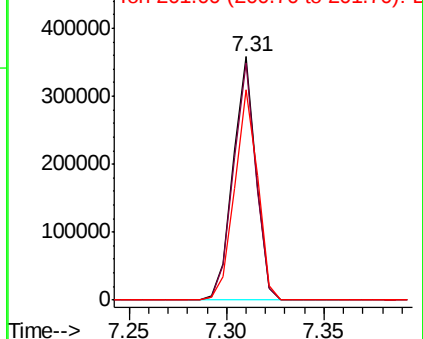


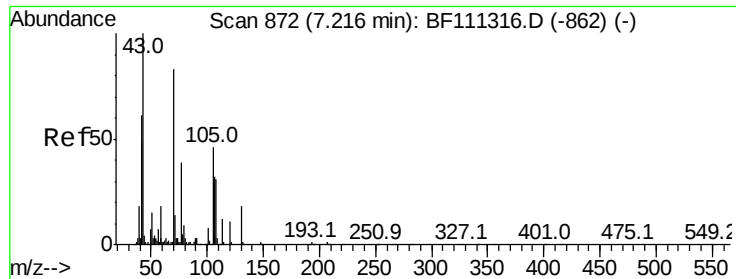
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





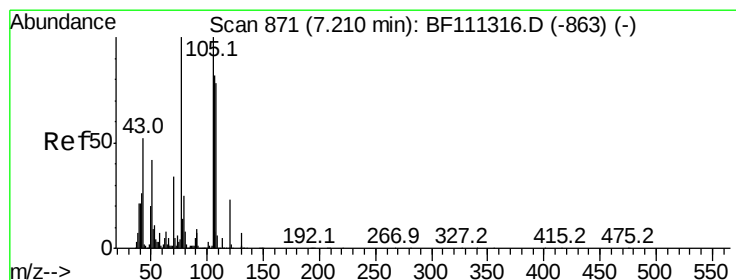
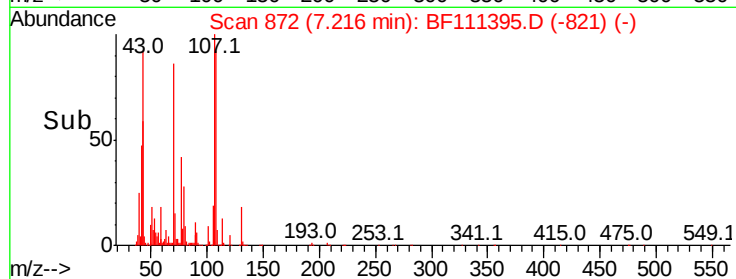
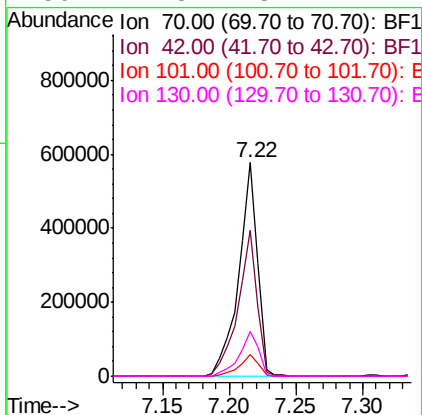
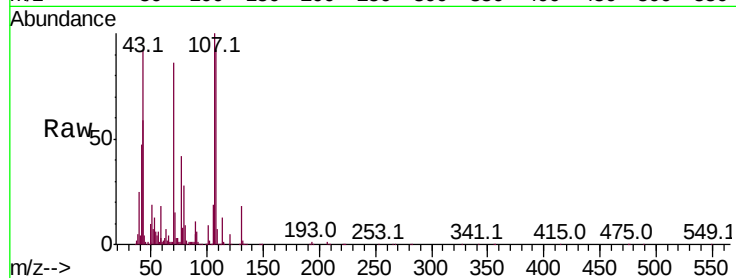
#19
n-Nitroso-di-n-propylamine
Concen: 45.029 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.5	53.2	79.8	
101	10.3	8.2	12.4	
130	21.3	18.1	27.1	

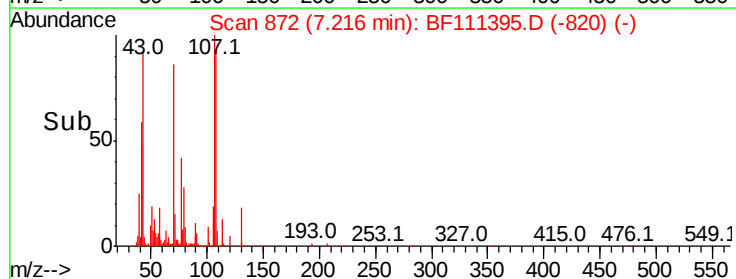
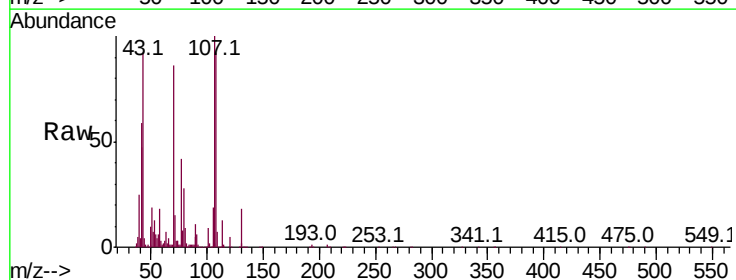
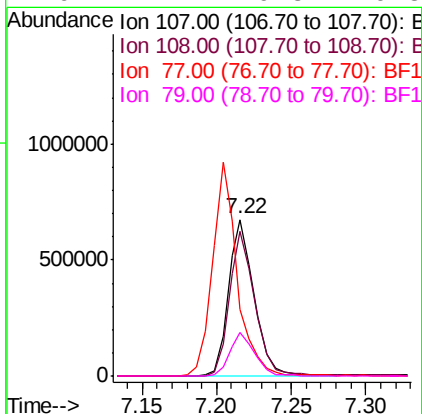
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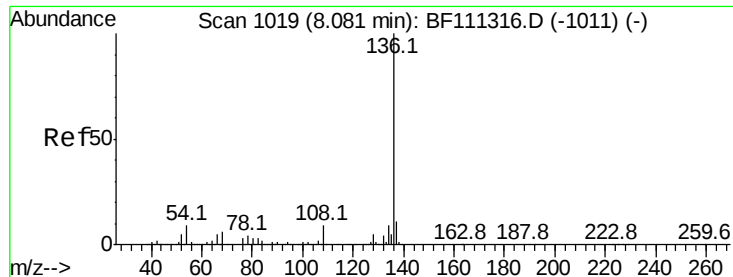
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#20
3+4-Methylphenols
Concen: 48.204 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	72.1	112.1	
77	42.4	94.1	134.1#	
79	27.7	9.8	49.8	





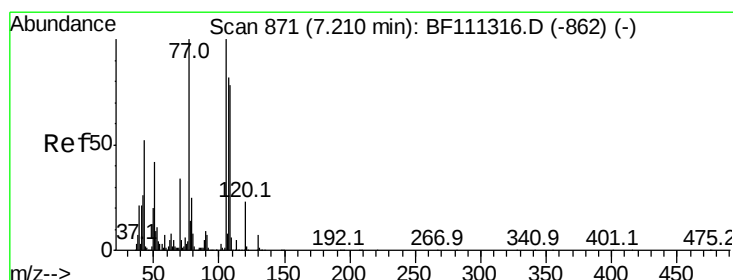
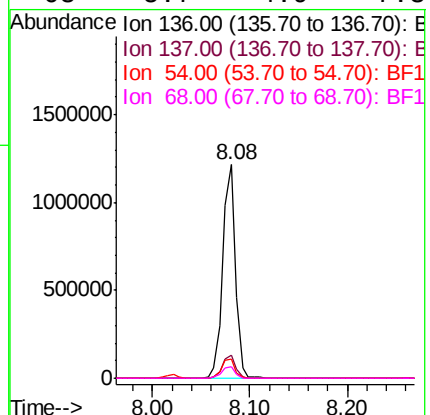
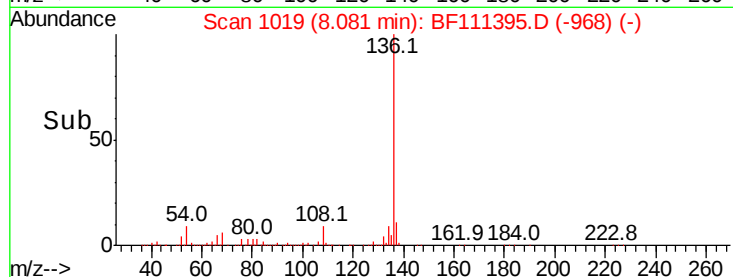
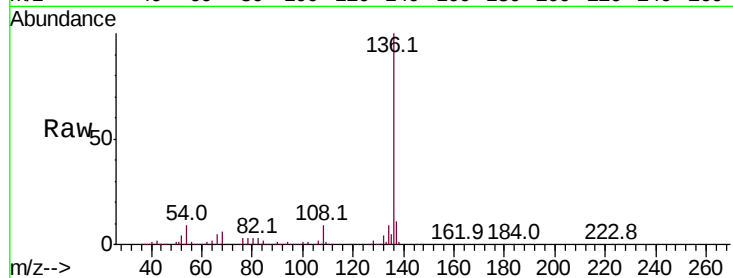
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.8	7.7	11.5
68	5.7	4.9	7.3

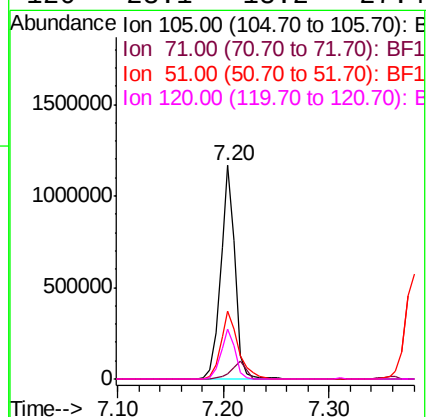
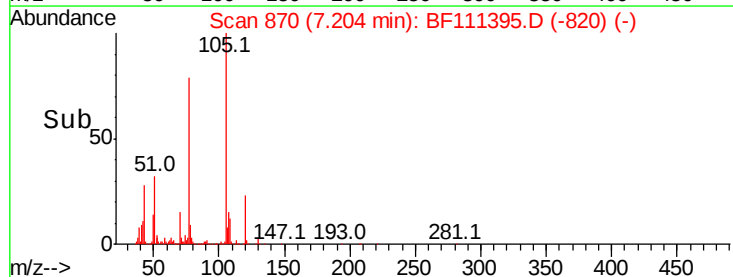
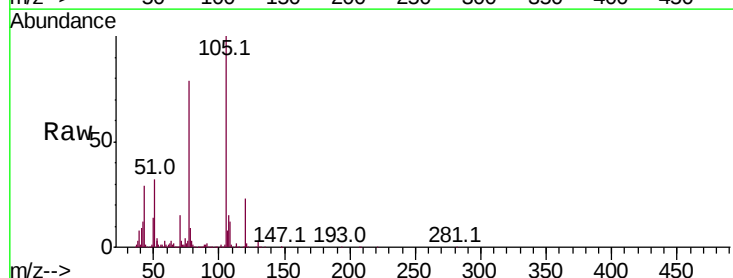
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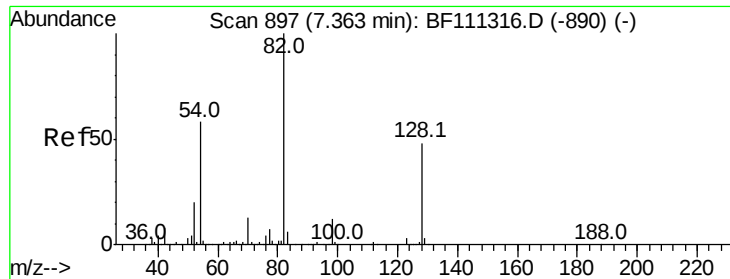
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#22
Acetophenone
Concen: 43.503 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.1	4.7#
51	32.1	36.6	54.8#
120	23.1	18.2	27.4





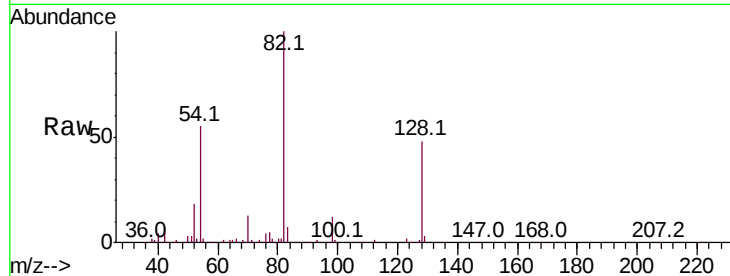
#23
Nitrobenzene-d5
Concen: 86.137 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

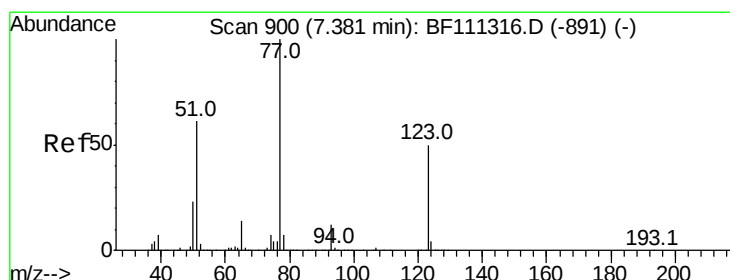
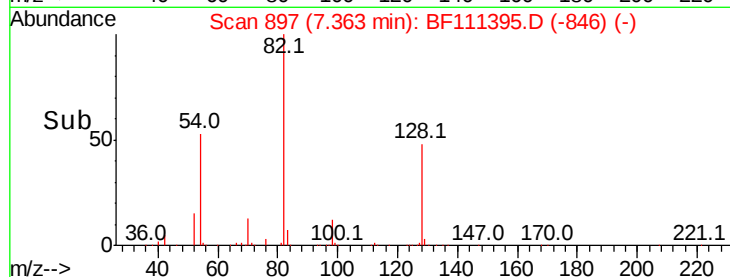
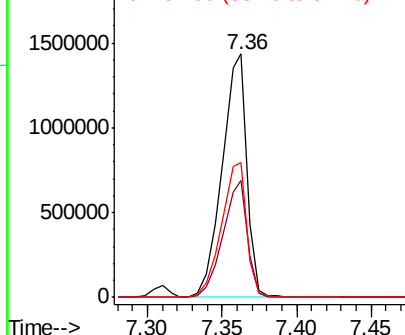
Tot Ion: 82 Resp: 1684655
Ion Ratio Lower Upper
82 100
128 47.9 37.4 56.2
54 55.4 47.6 71.4

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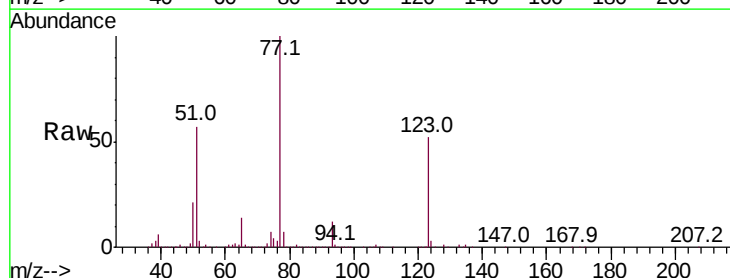


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

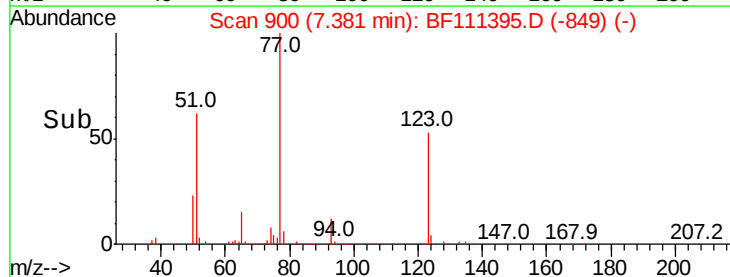
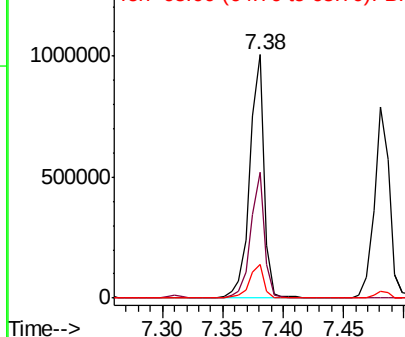


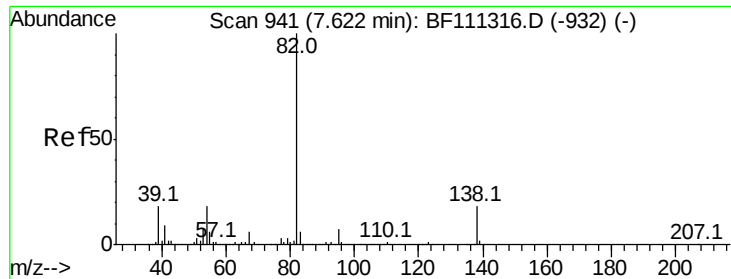
#24
Nitrobenzene
Concen: 41.219 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion: 77 Resp: 830374
Ion Ratio Lower Upper
77 100
123 51.6 37.2 55.8
65 13.6 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





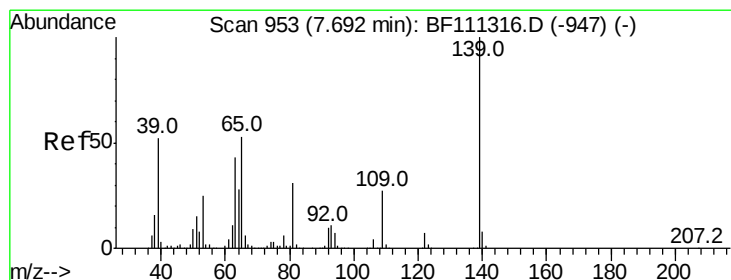
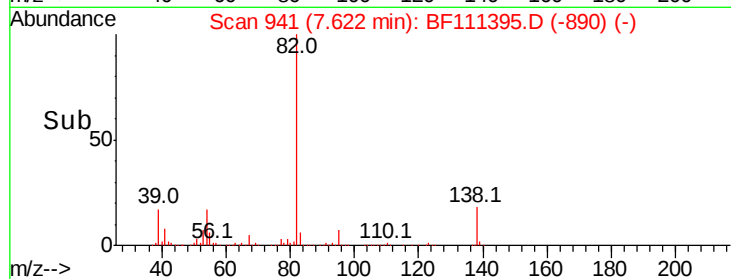
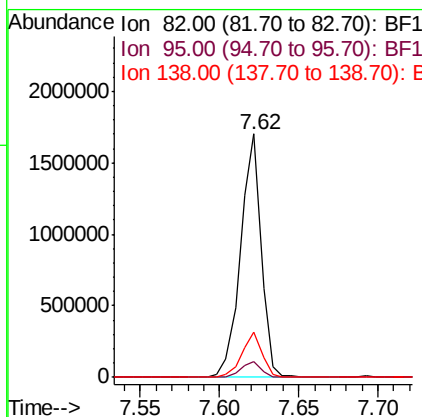
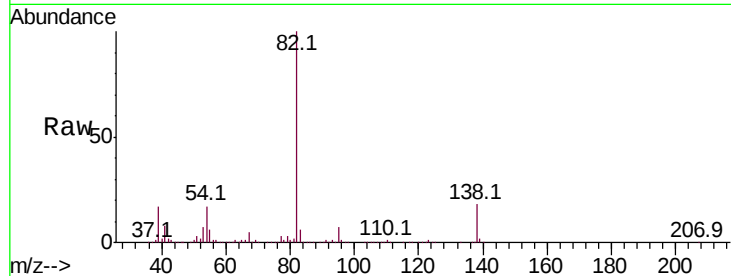
#25
Isophorone
Concen: 46.183 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion: 82 Resp: 1534280
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 18.5 15.1 22.7

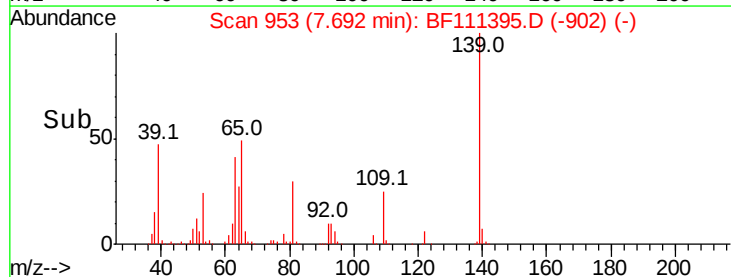
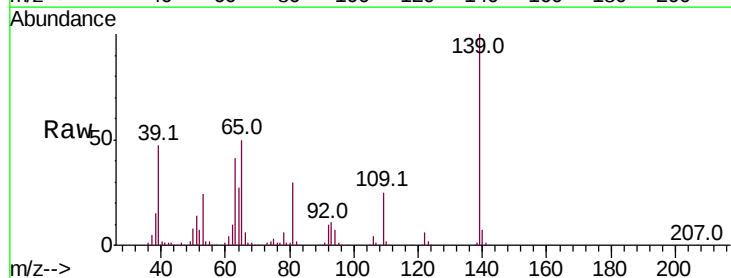
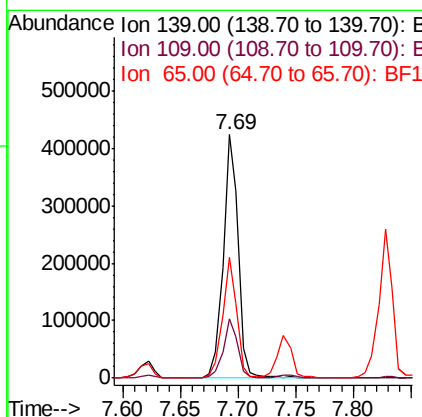
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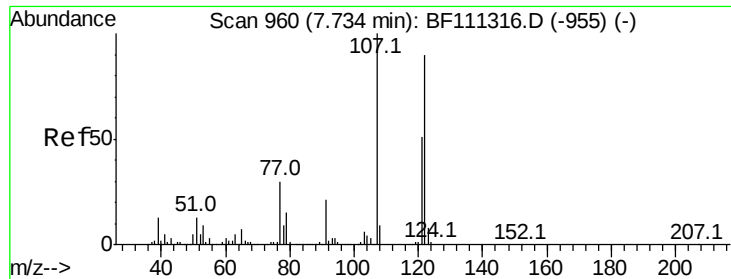
Sohil
12/14/2018 12:54:01 PM



#26
2-Nitrophenol
Concen: 38.542 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion: 139 Resp: 381650
Ion Ratio Lower Upper
139 100
109 24.6 20.2 30.4
65 49.8 40.7 61.1





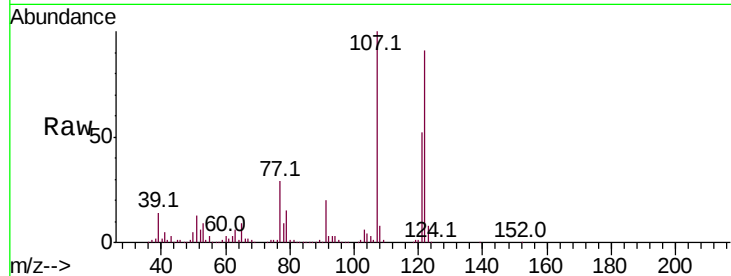
#27
2,4-Dimethylphenol
Concen: 46.372 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	697045		
107	109.4	85.5	128.3	
121	56.9	46.6	70.0	

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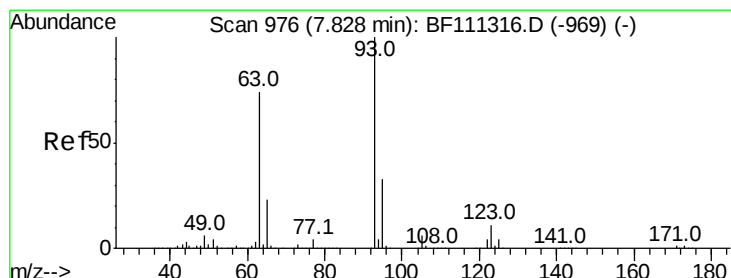
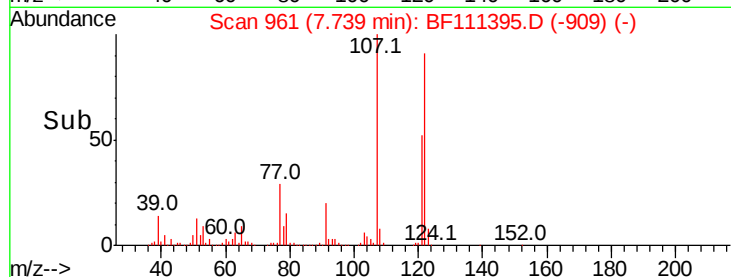
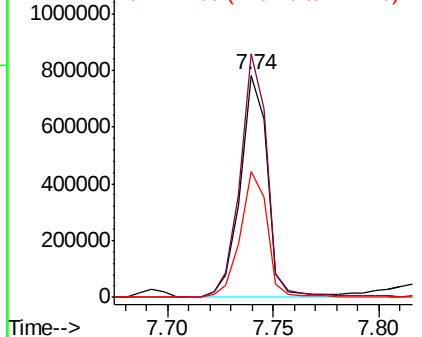


Abundance

Ion 122.00 (121.70 to 122.70): E

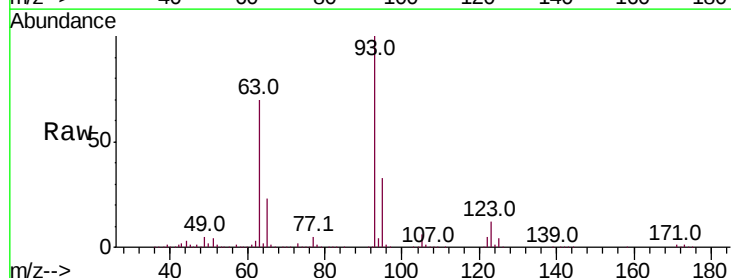
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.807 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	998918		
95	32.8	27.1	40.7	
123	11.7	9.9	14.9	

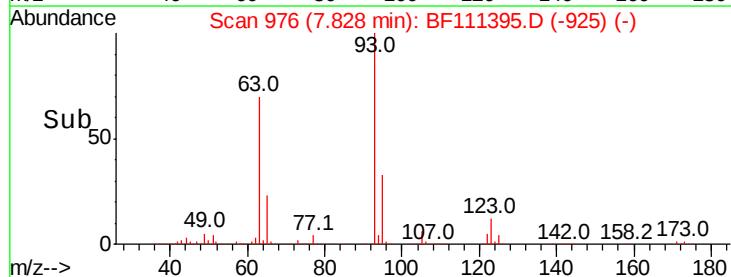
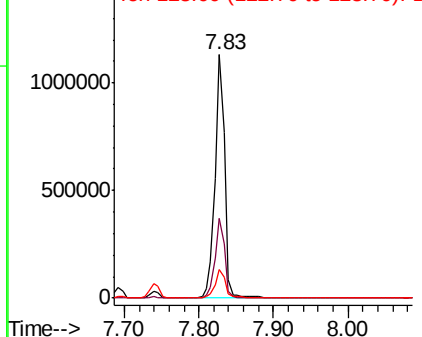


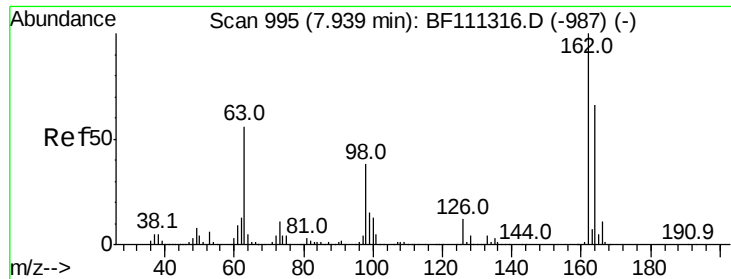
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





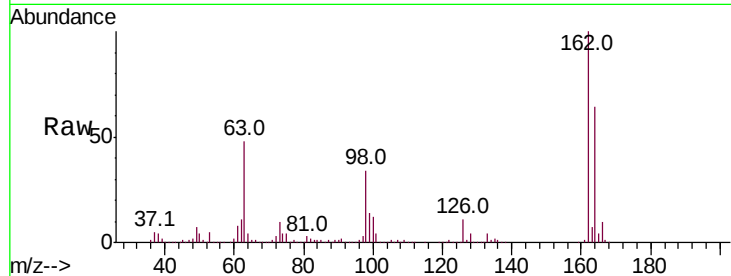
#29
2,4-Dichlorophenol
Concen: 40.611 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	636790		
164	64.4		44.4	84.4
98	34.1		20.3	60.3

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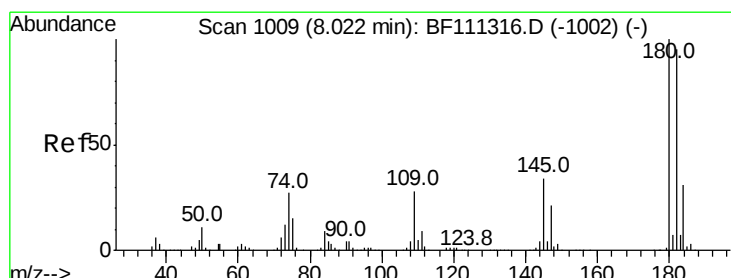
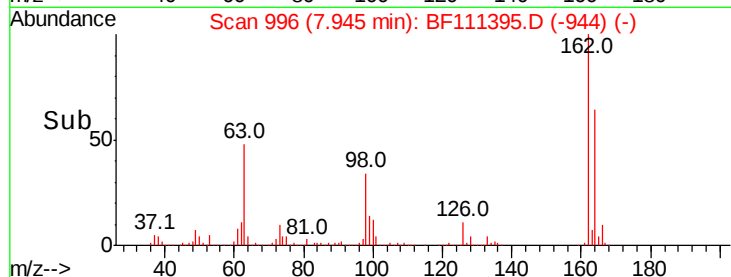
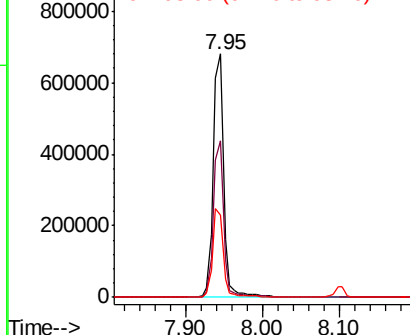


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.966 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

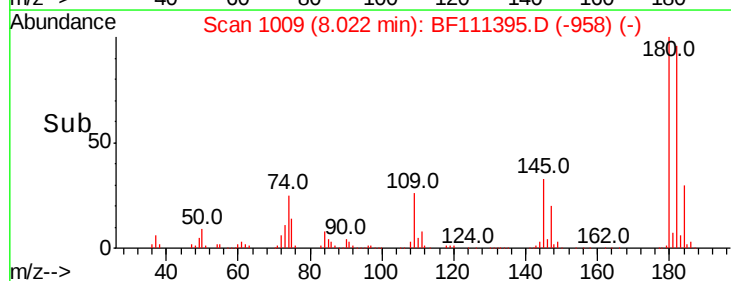
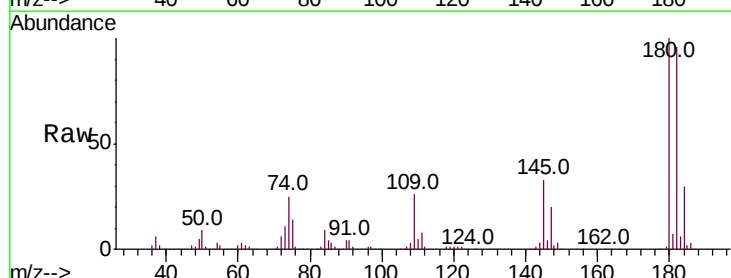
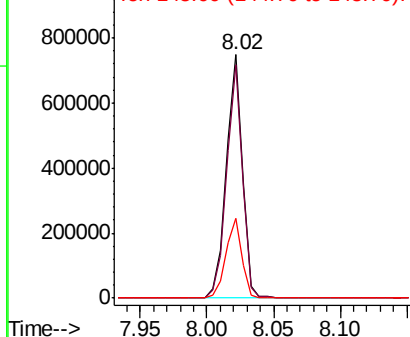
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	643908		
182	96.1		75.6	113.4
145	32.7		26.7	40.1

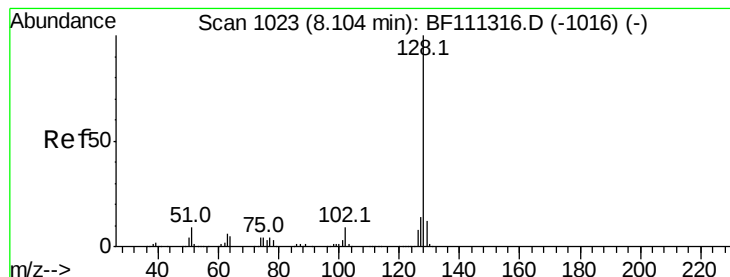
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.827 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion:128 Resp: 2199581

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

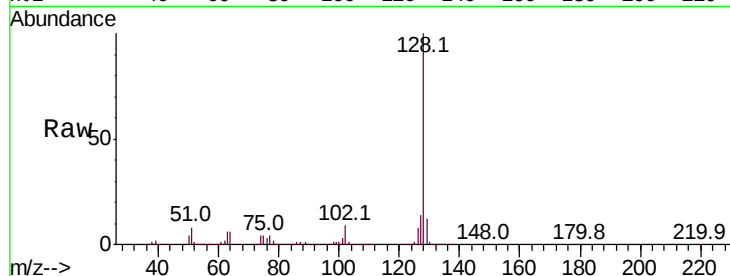
127 13.8 12.0 18.0

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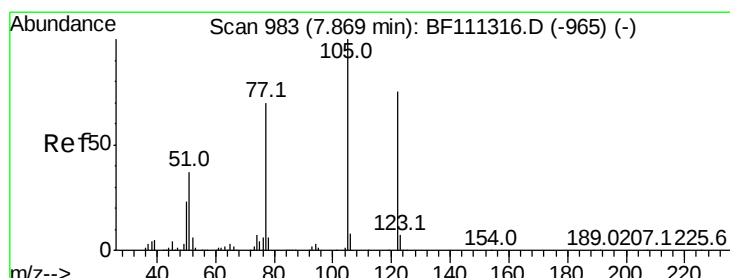
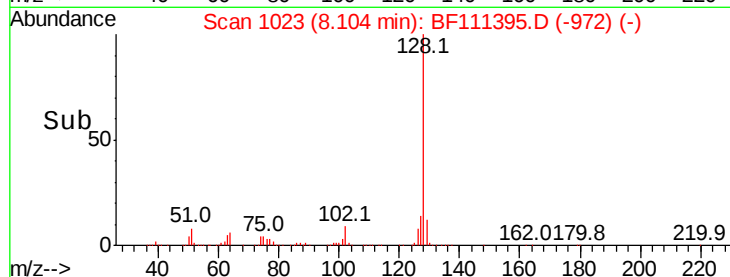
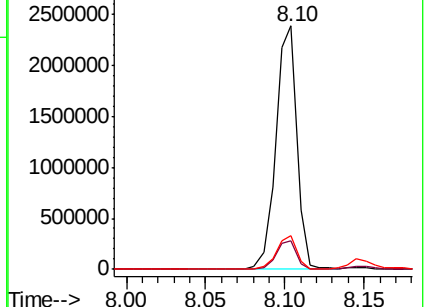
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.101 ng m

RT: 7.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

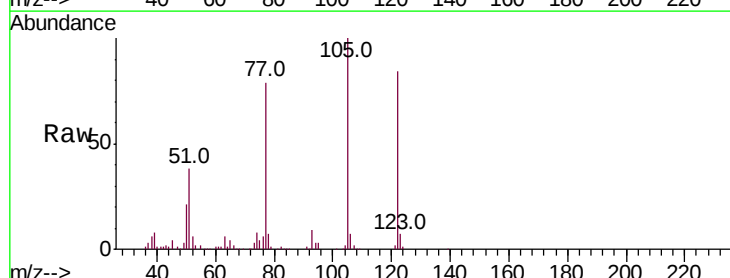
Tgt Ion:122 Resp: 313655

Ion Ratio Lower Upper

122 100

105 119.2 97.0 137.0

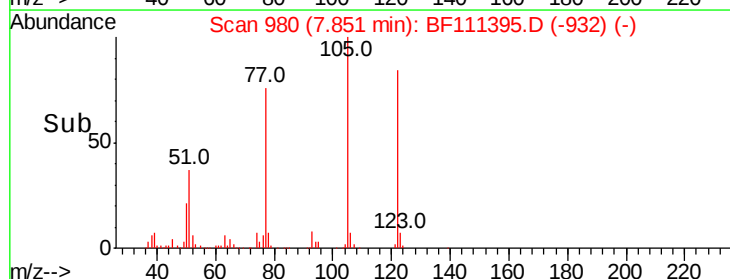
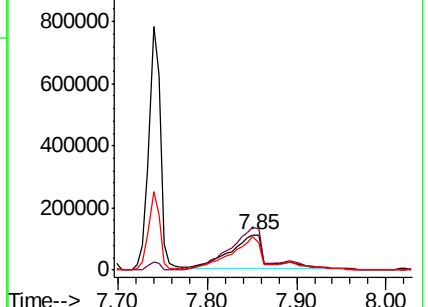
77 93.8 65.7 105.7

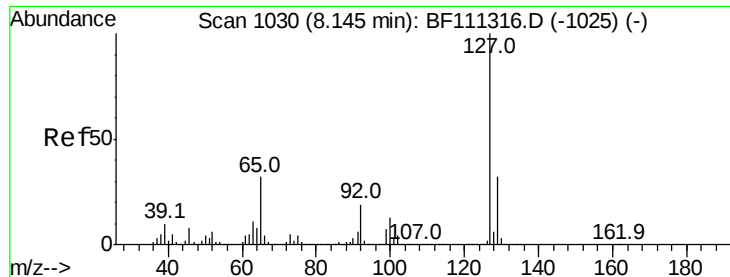


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





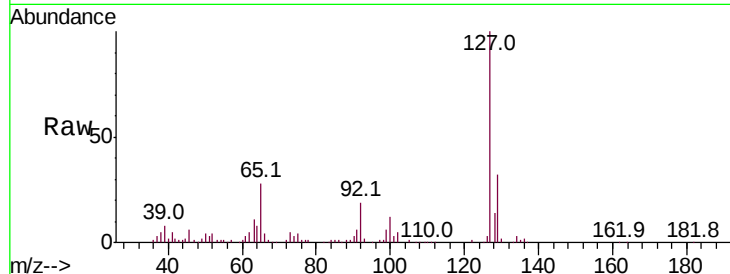
#33
4-Chloroaniline
Concen: 6.180 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.6	39.8		
65	27.8	25.7	38.5		
92	18.7	15.4	23.2		

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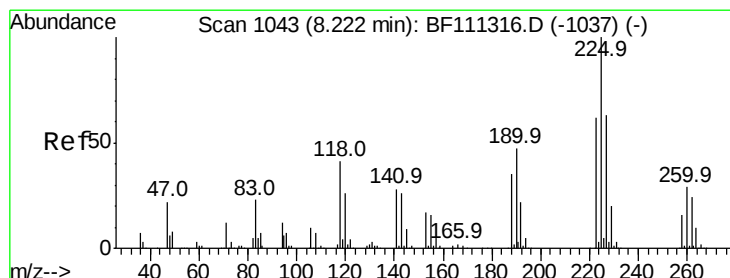
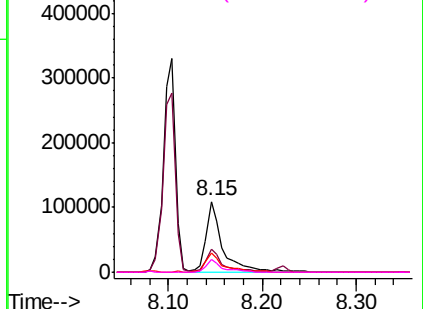
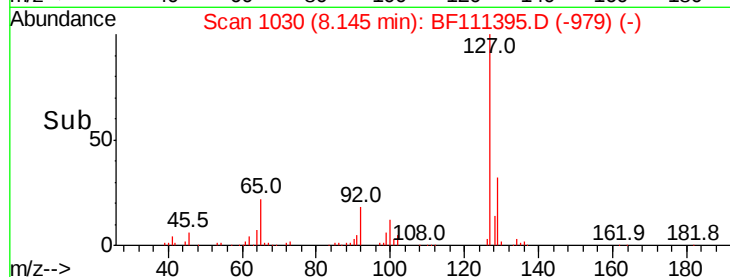
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

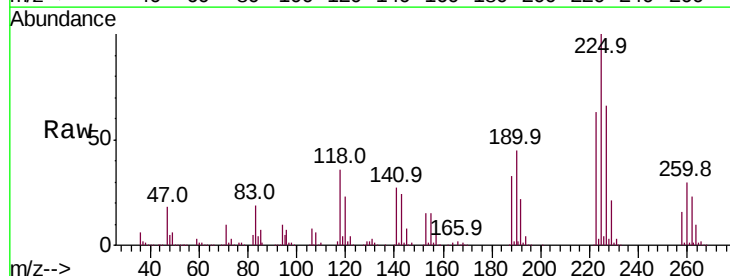
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.884 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.7	76.1		
227	66.2	52.6	78.8		

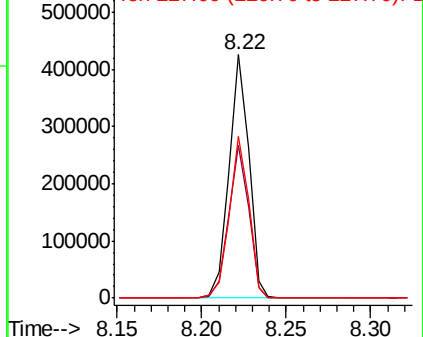
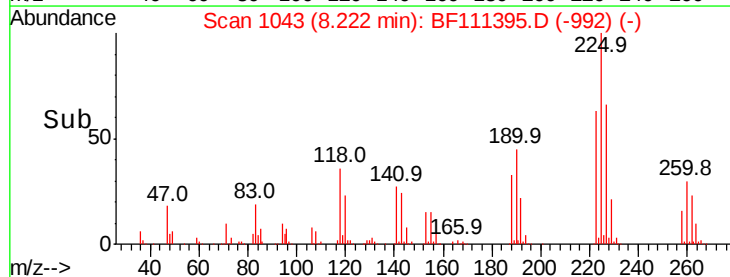


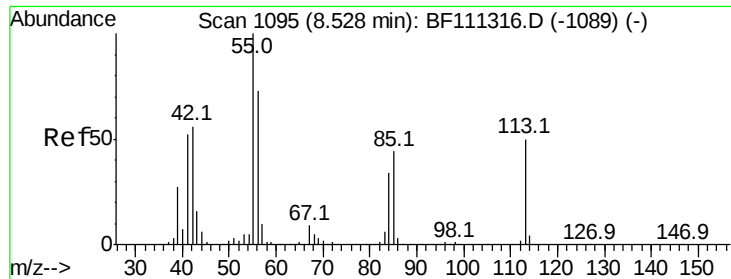
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





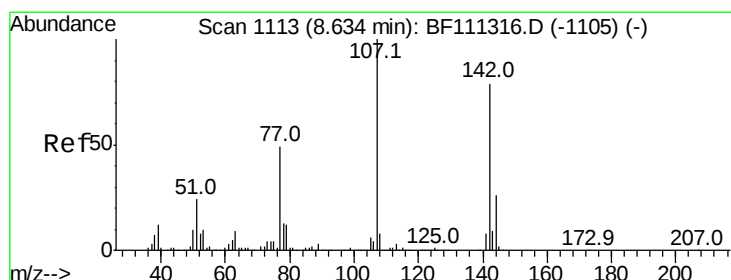
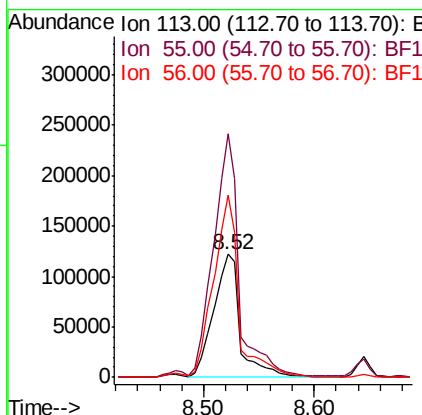
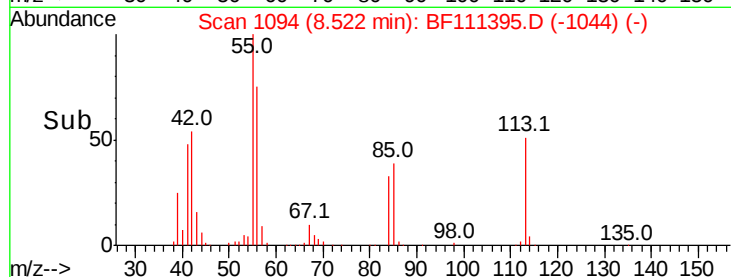
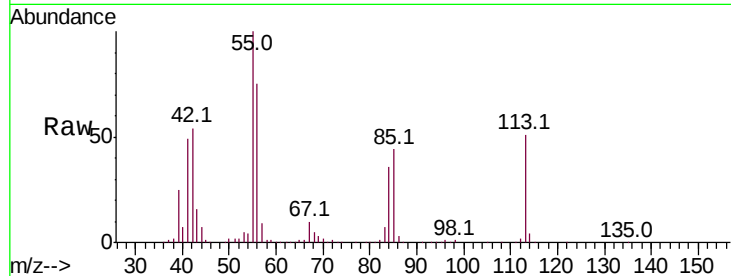
#35
Caprolactam
Concen: 36.986 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		203213		
55	198.0	184.1	224.1		
56	148.2	126.0	166.0		

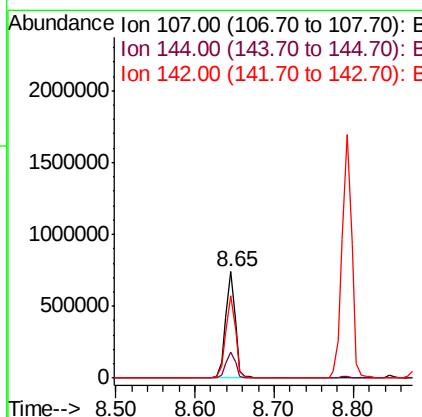
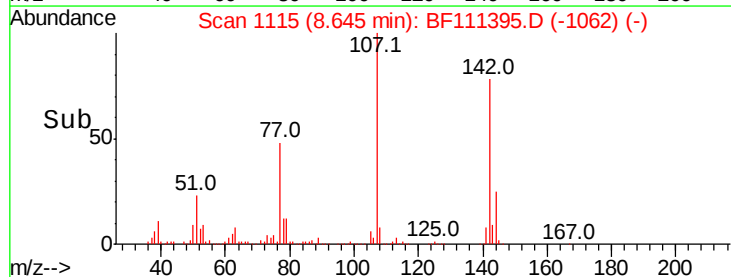
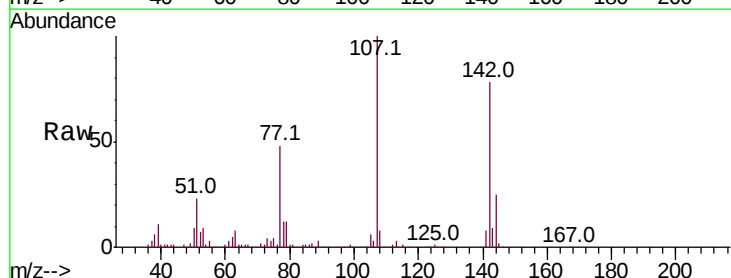
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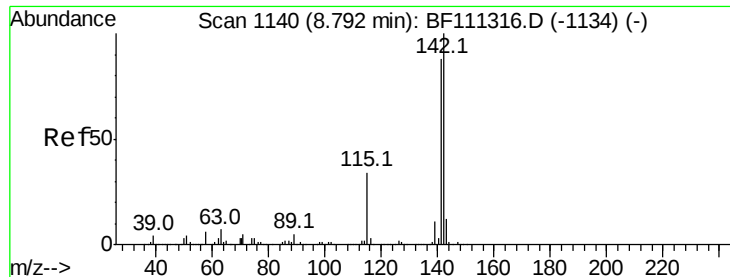
Sohil
12/14/2018 12:54:01 PM



#36
4-Chloro-3-methylphenol
Concen: 37.819 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		631922		
144	25.0	19.8	29.6		
142	77.8	62.3	93.5		





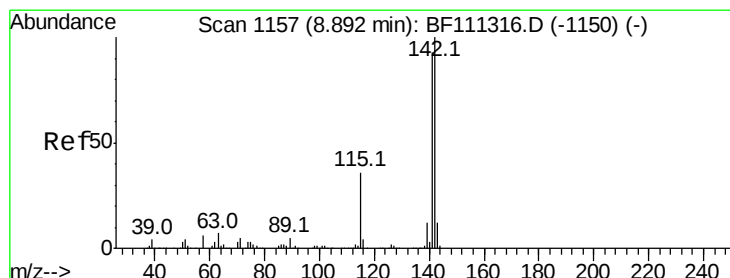
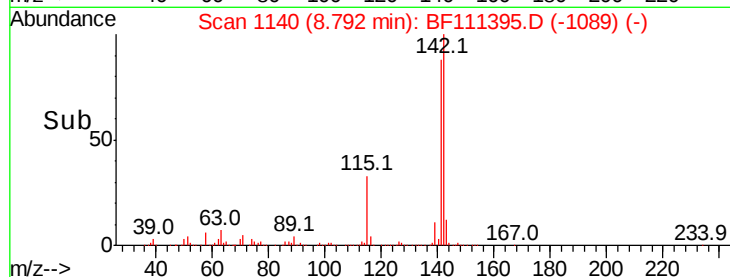
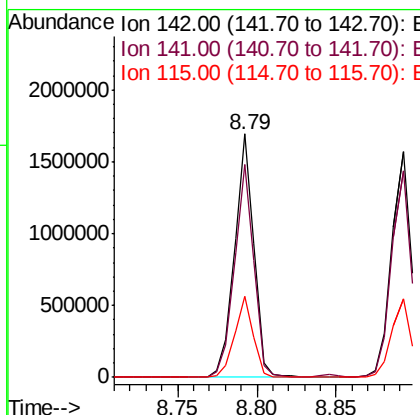
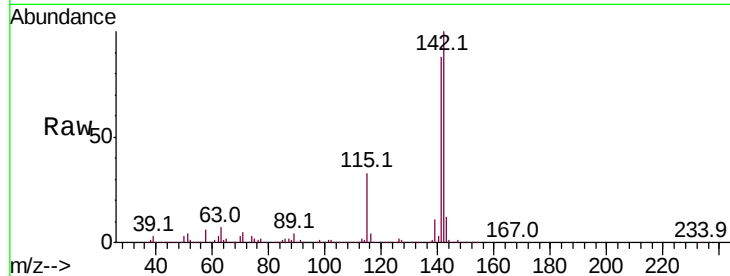
#37
2-Methylnaphthalene
Concen: 43.054 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion:142 Resp: 1429412
Ion Ratio Lower Upper
142 100
141 87.6 70.6 105.8
115 33.2 27.0 40.6

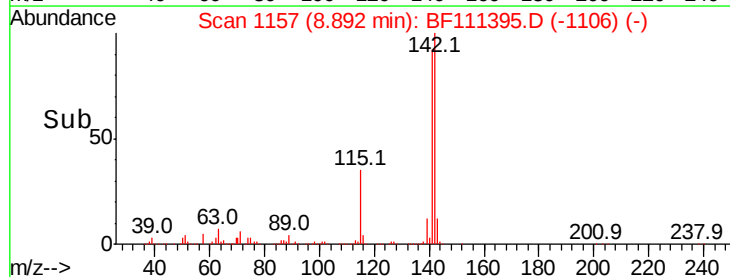
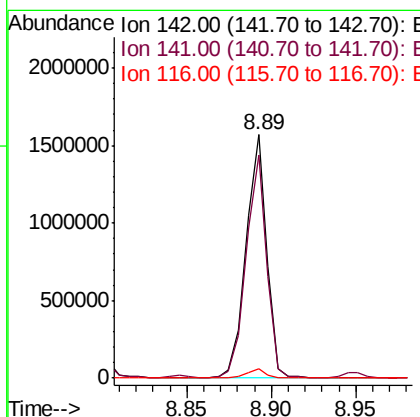
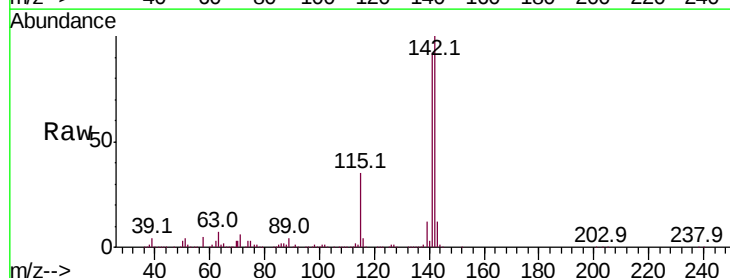
Manual Integrations
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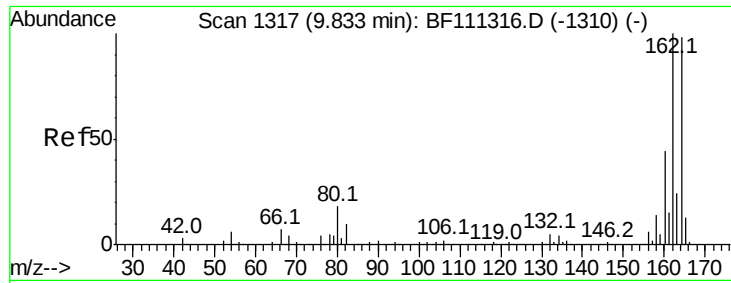
Sohil
12/14/2018 12:54:01 PM



#38
1-Methylnaphthalene
Concen: 41.666 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion:142 Resp: 1335117
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4
116 3.6 2.9 4.3





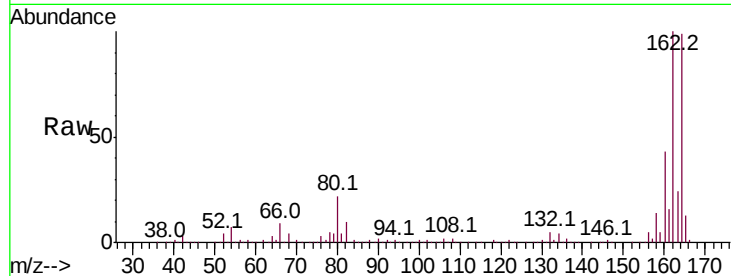
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.4	122.0	
160	43.9	35.7	53.5	

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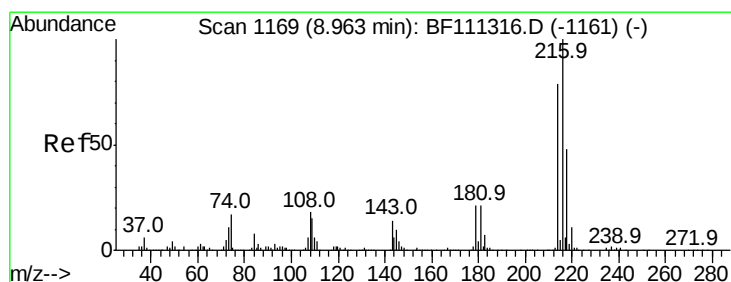
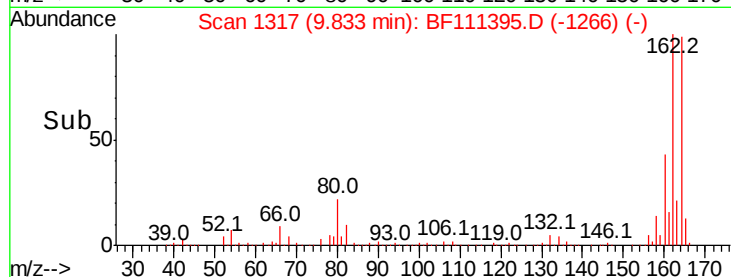
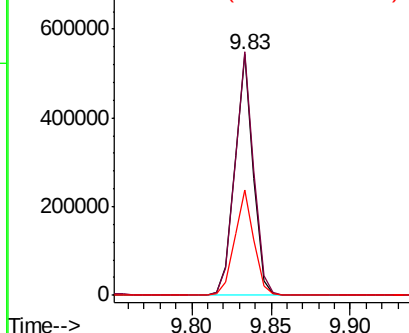


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.801 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.8	95.8	
179	22.6	17.9	26.9	
108	21.2	18.4	27.6	

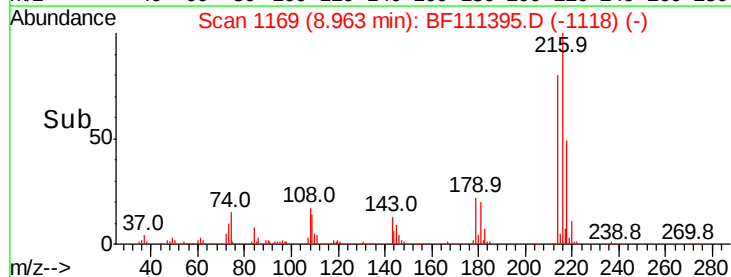
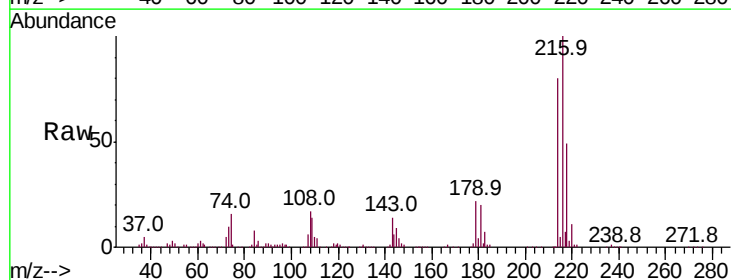
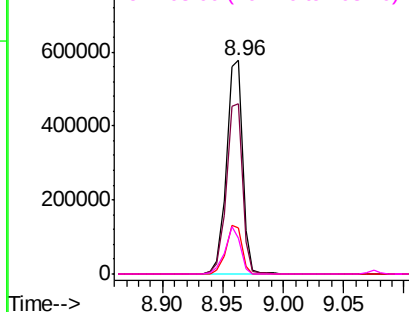
Abundance

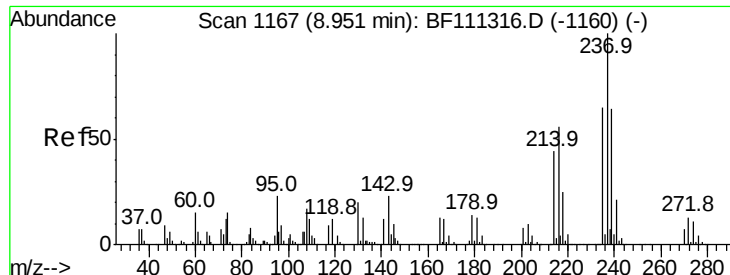
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





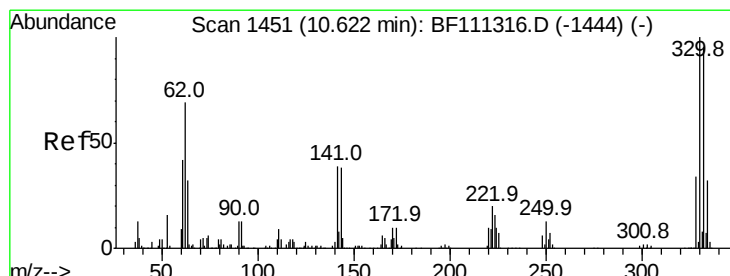
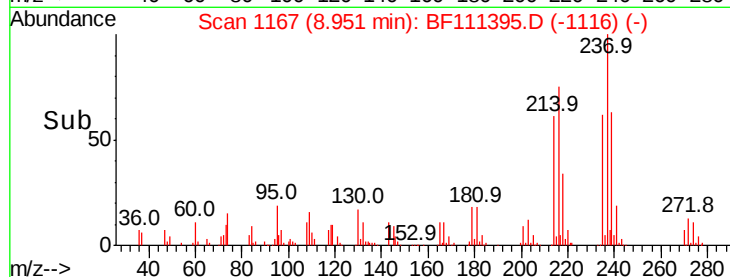
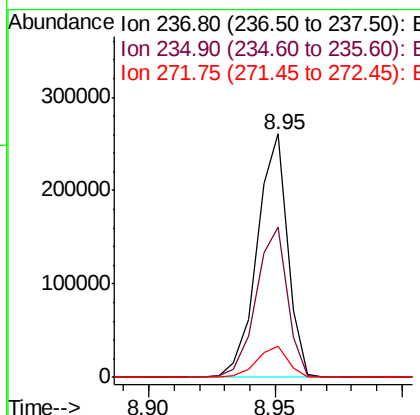
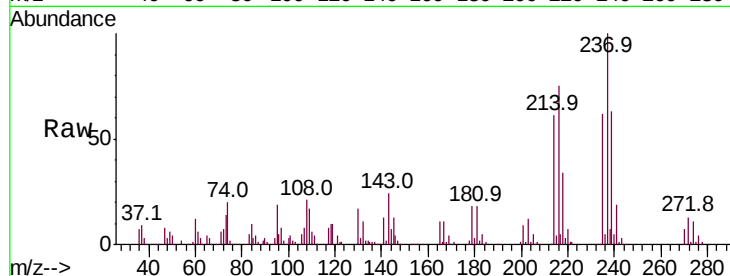
#41
Hexachlorocyclopentadiene
Concen: 34.324 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion:	237	Resp:	219489
Ion Ratio	Lower	Upper	
237	100		
235	61.6	43.1	83.1
272	12.7	0.0	33.0

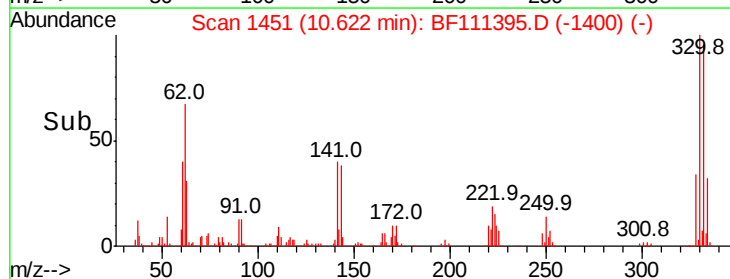
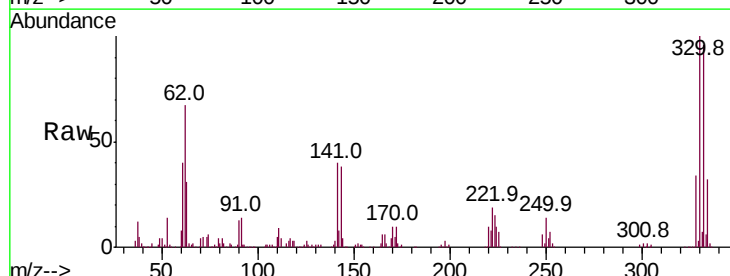
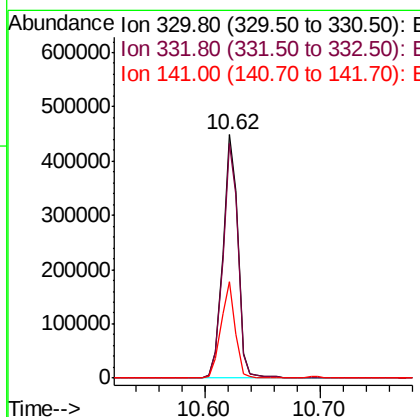
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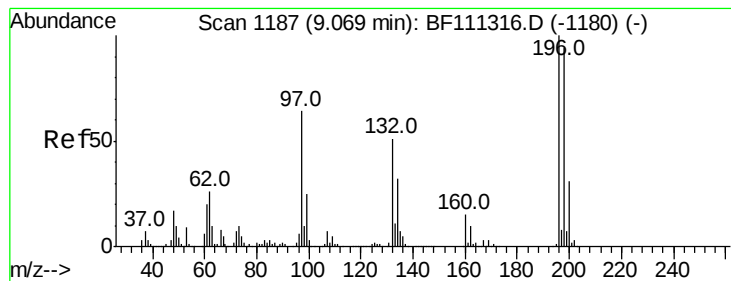
Sohil
12/14/2018 12:54:01 PM



#42
2,4,6-Tribromophenol
Concen: 106.104 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion:	330	Resp:	407493
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.0	114.0
141	37.8	31.0	46.6





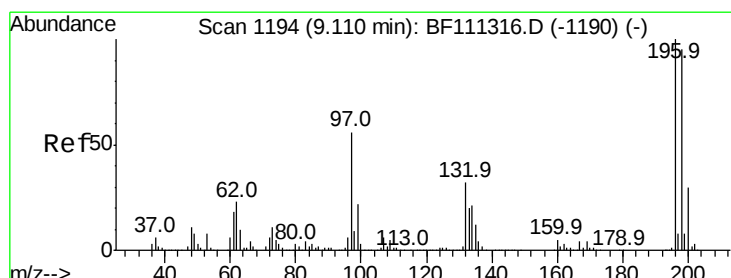
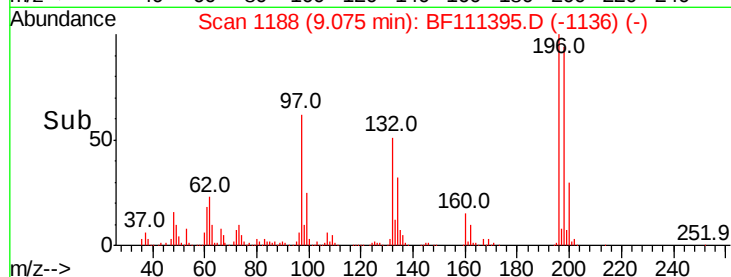
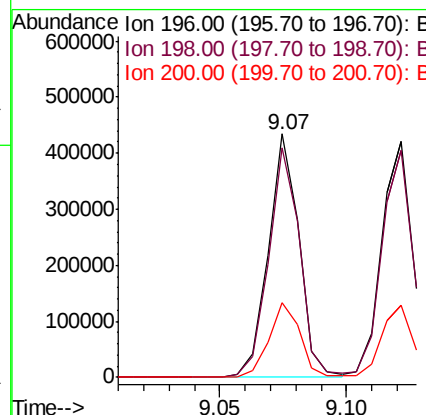
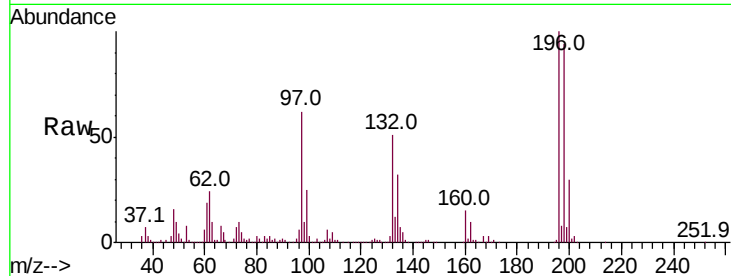
#43
 2,4,6-Trichlorophenol
 Concen: 42.166 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	369601		
198	94.2	76.3	114.5	
200	30.5	24.9	37.3	

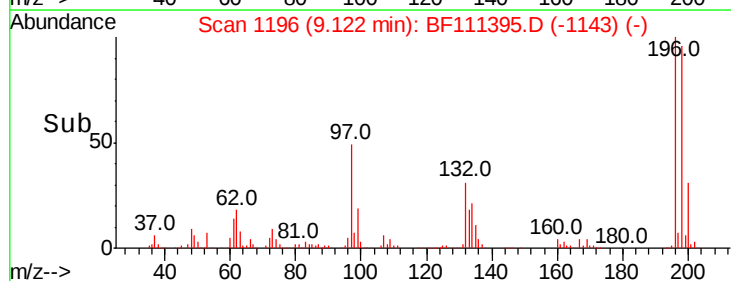
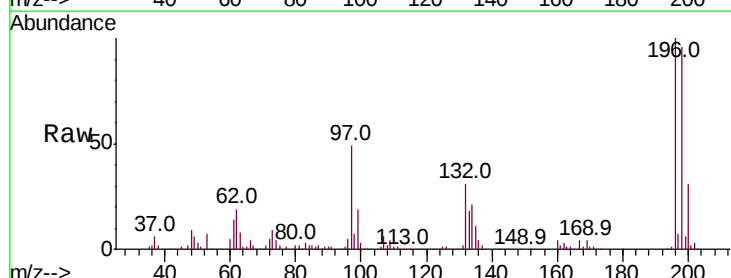
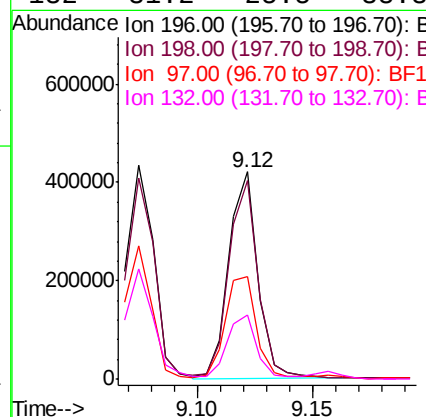
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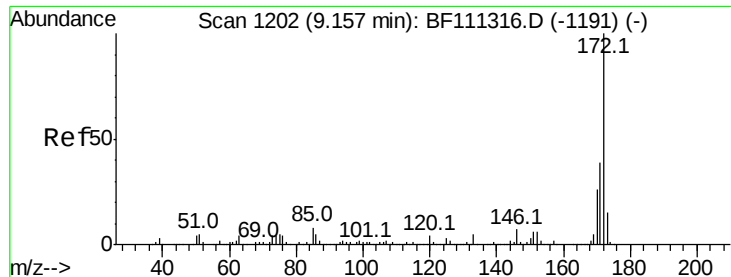
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#44
 2,4,5-Trichlorophenol
 Concen: 39.466 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	365599		
198	96.2	72.9	109.3	
97	49.3	45.3	67.9	
132	31.2	25.5	38.3	





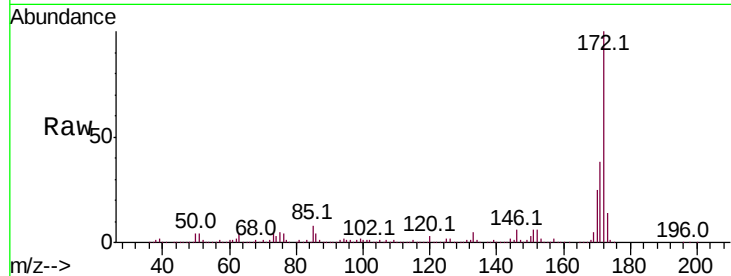
#45
2-Fluorobiphenyl
Concen: 93.177 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

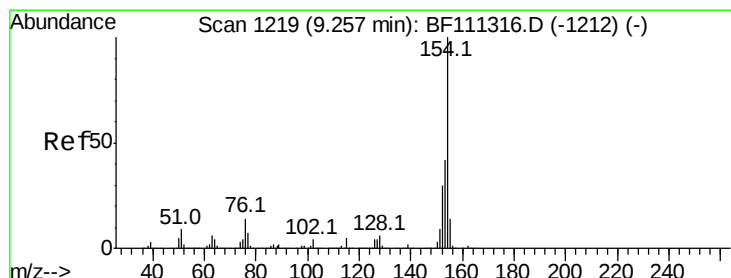
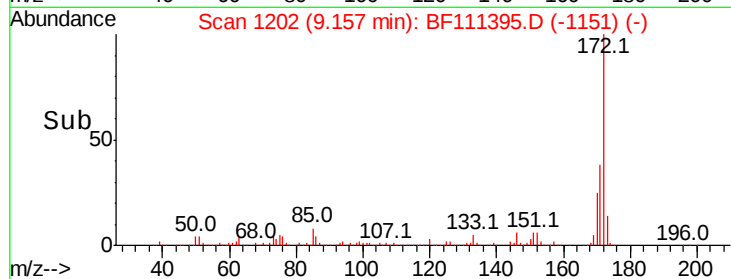
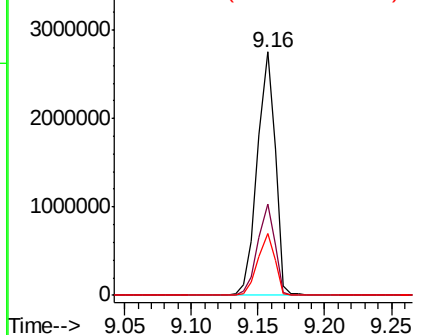
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	33.0	49.4
170	25.4	22.3	33.5

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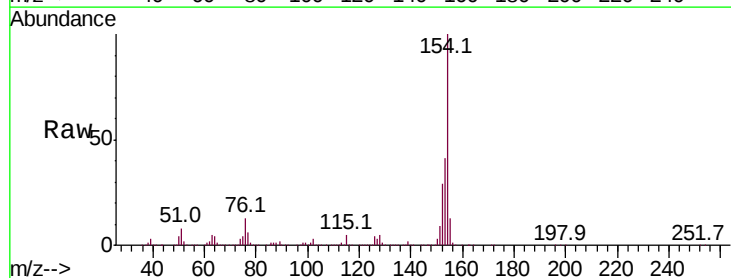


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

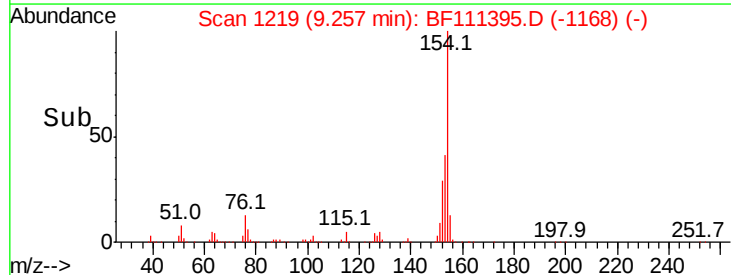
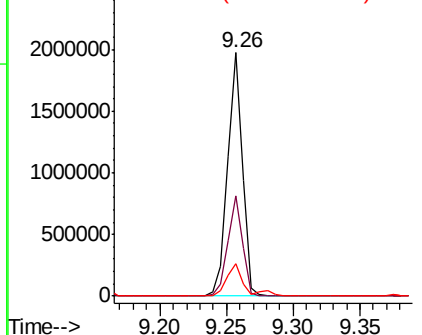


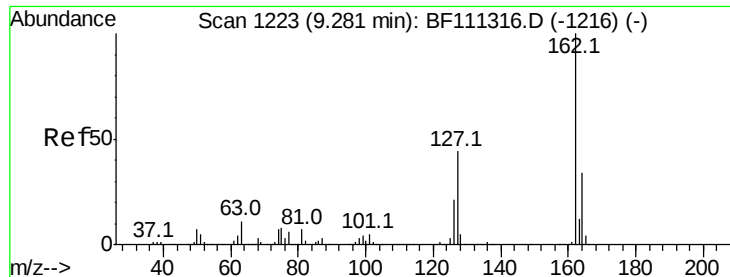
#46
1,1'-Biphenyl
Concen: 42.270 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.7	63.7
76	13.5	0.0	35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





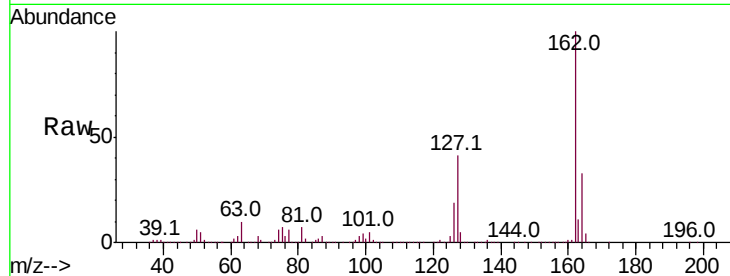
#47
2-Chloronaphthalene
Concen: 42.729 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

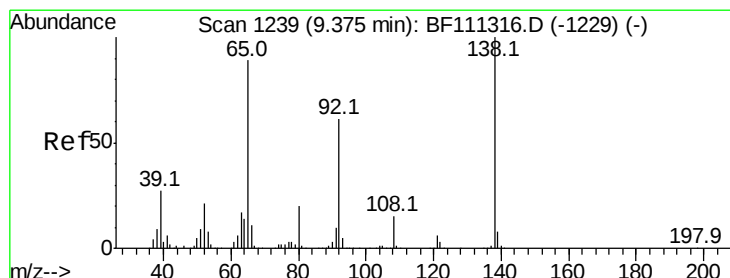
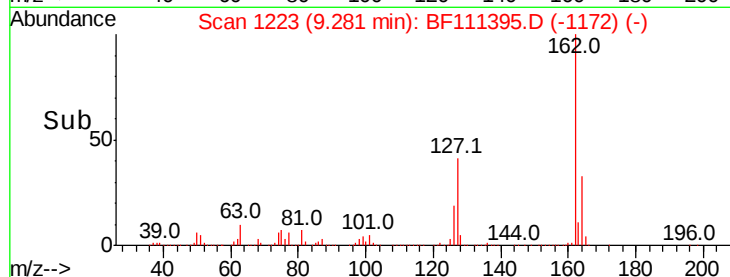
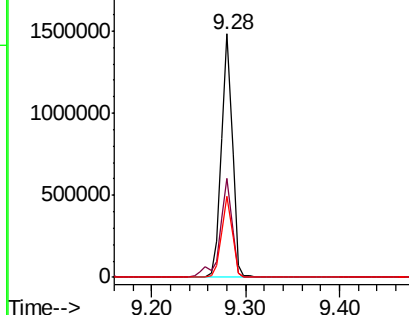
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	35.0	52.4
164	33.2	28.4	42.6

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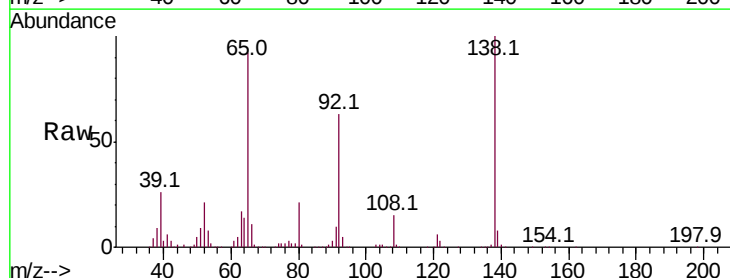


Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

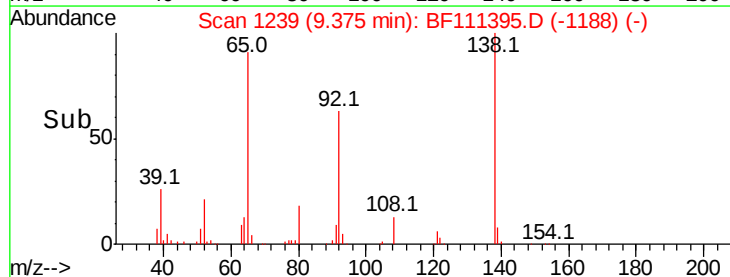
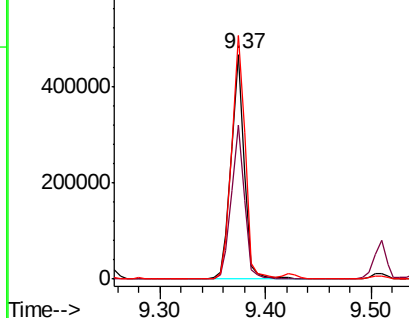


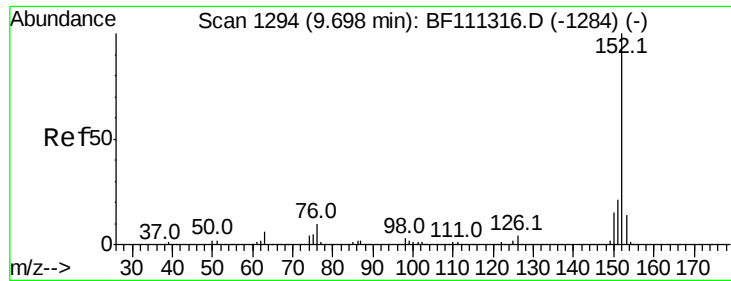
#48
2-Nitroaniline
Concen: 43.214 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.5	80.3
138	108.3	80.9	121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.672 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion:152 Resp: 1857981

Ion Ratio Lower Upper

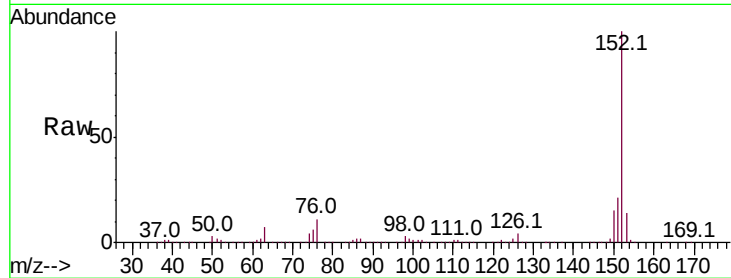
152 100

151 20.8 18.0 27.0

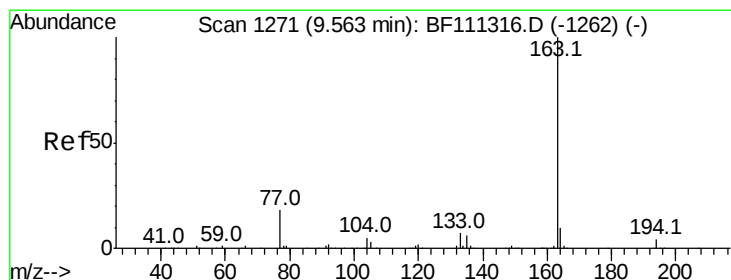
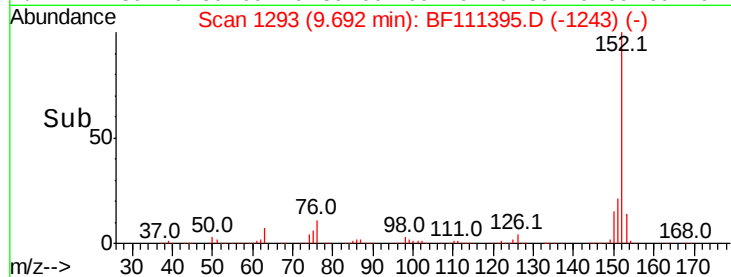
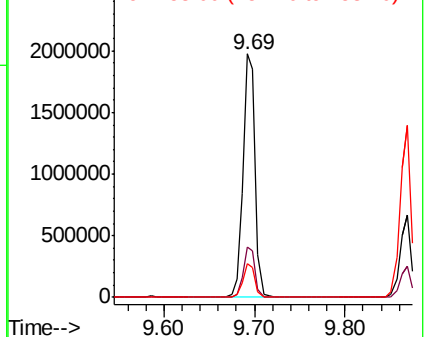
153 13.7 12.3 18.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.245 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

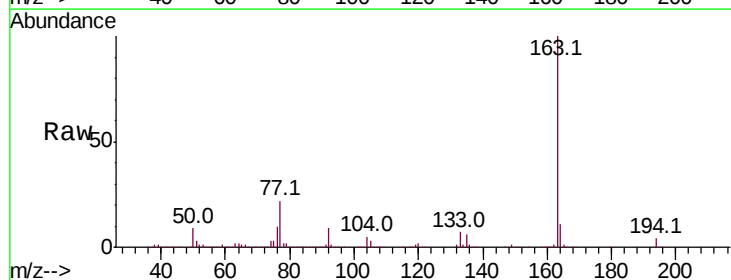
Tgt Ion:163 Resp: 1636823

Ion Ratio Lower Upper

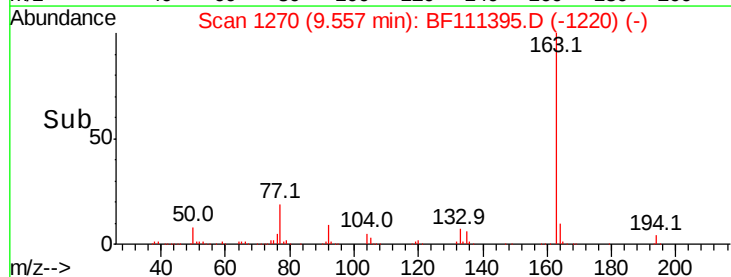
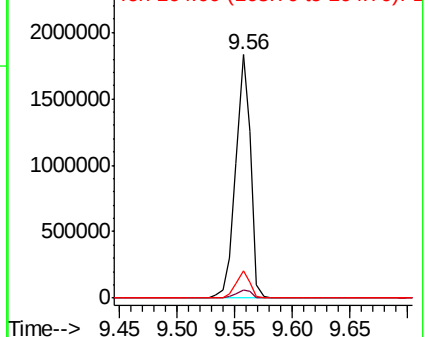
163 100

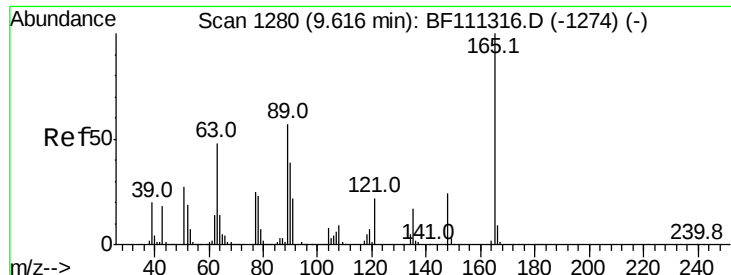
194 3.6 3.0 4.6

164 11.0 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





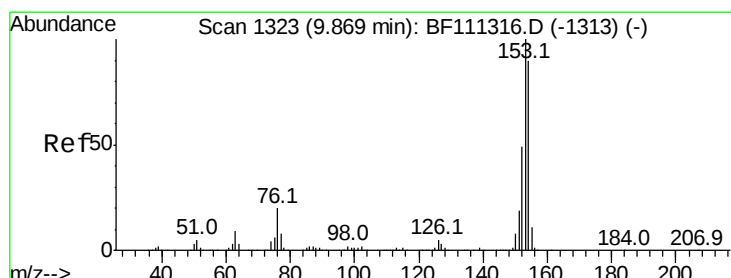
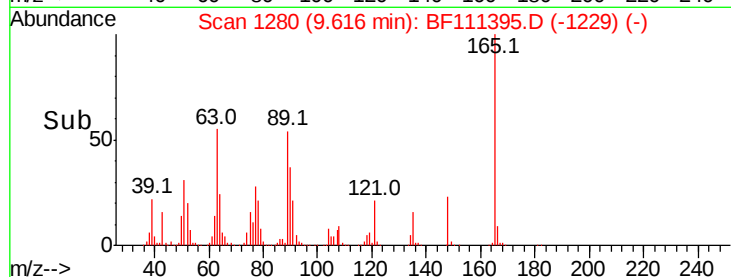
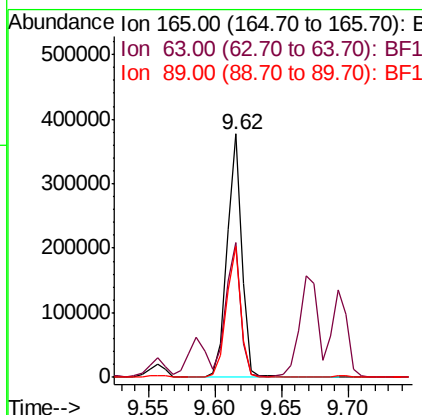
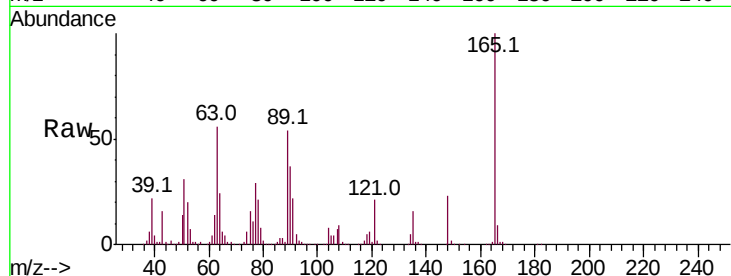
#51
2,6-Dinitrotoluene
Concen: 42.531 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	295362		
63	55.6	40.5	60.7	
89	53.7	40.0	60.0	

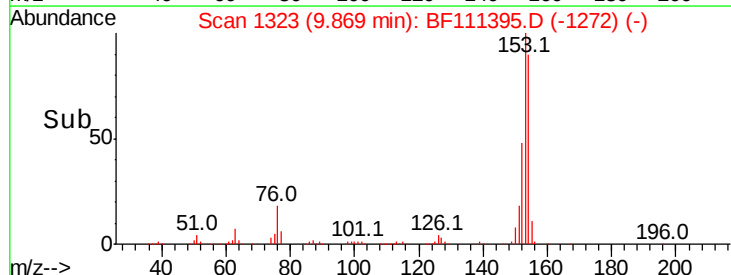
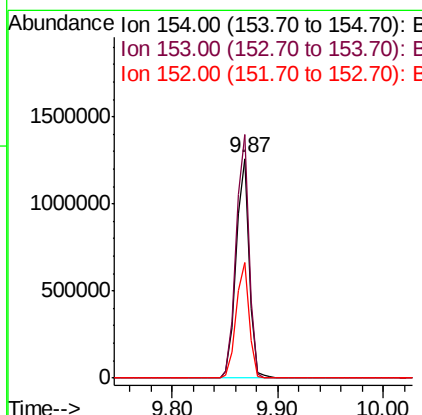
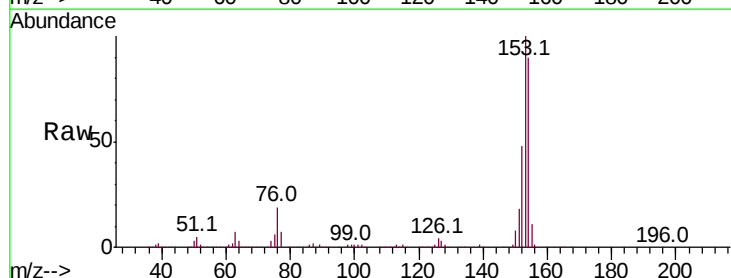
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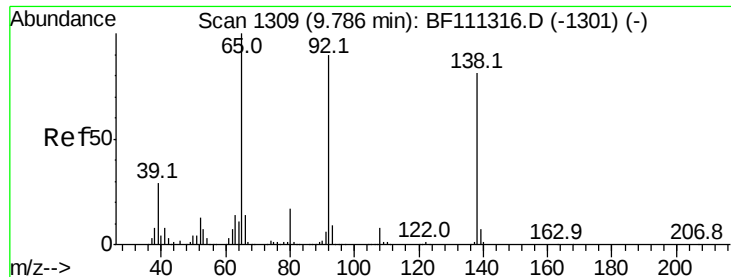
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#52
Acenaphthene
Concen: 40.557 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1063938		
153	110.7	87.8	131.8	
152	52.8	43.4	65.2	





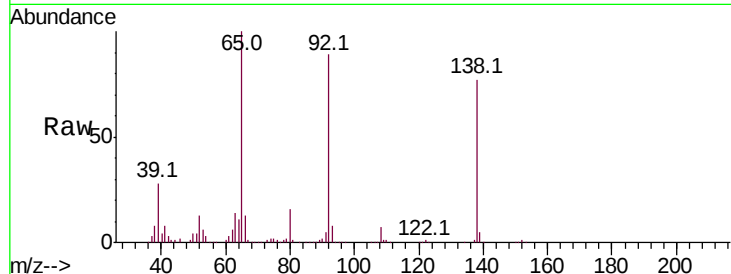
#53
3-Nitroaniline
Concen: 27.660 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.6	8.2	12.4	
92	115.4	93.4	140.2	

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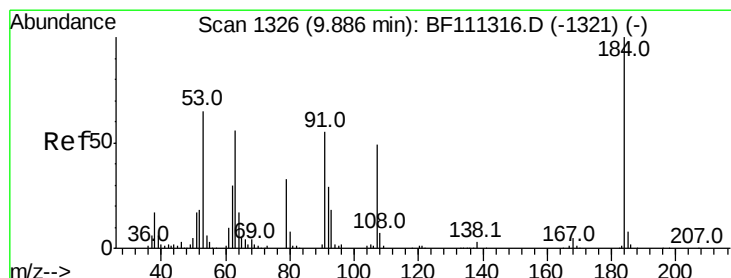
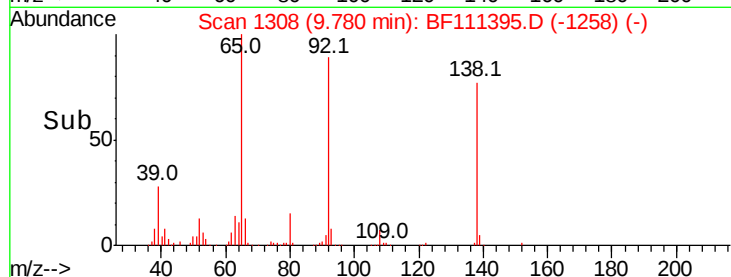
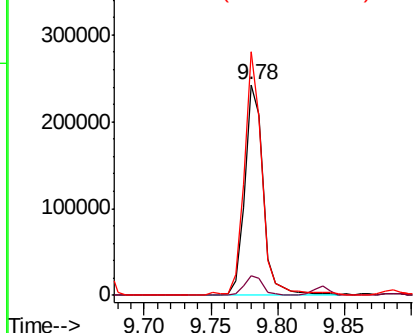


Abundance

Ion 138.00 (137.70 to 138.70): E

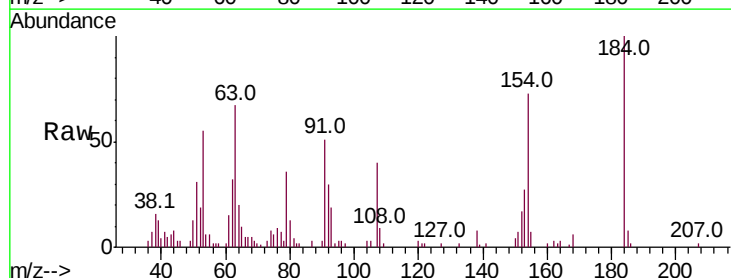
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 7.177 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	67.1	62.3	93.5	
154	73.4	56.2	84.2	

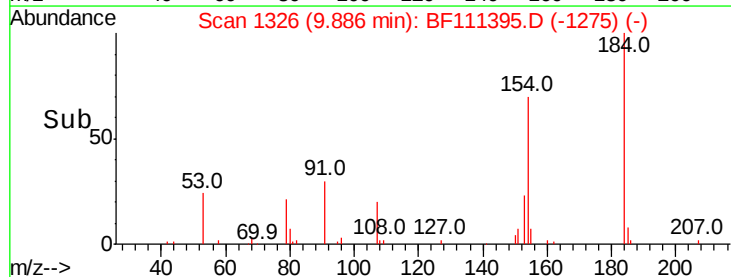
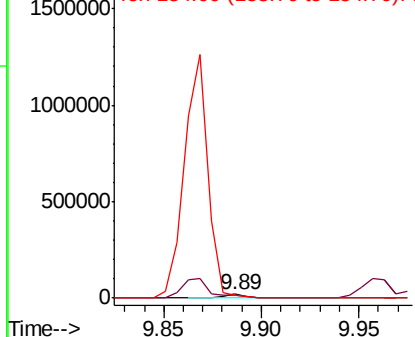


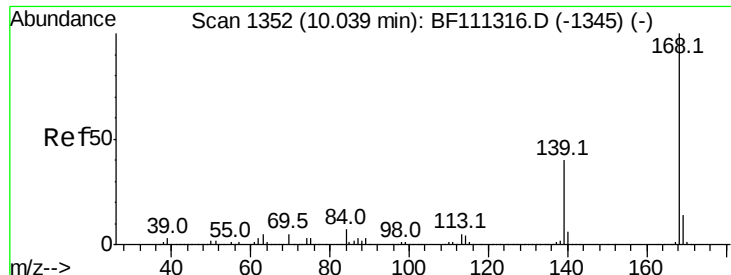
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





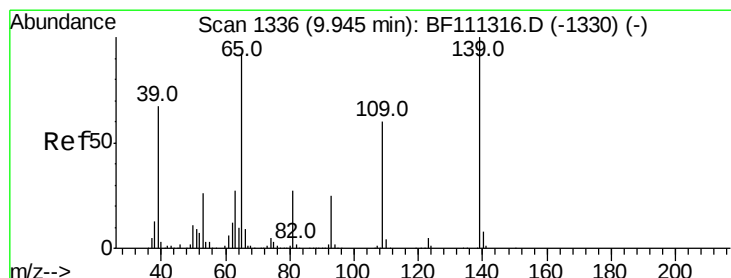
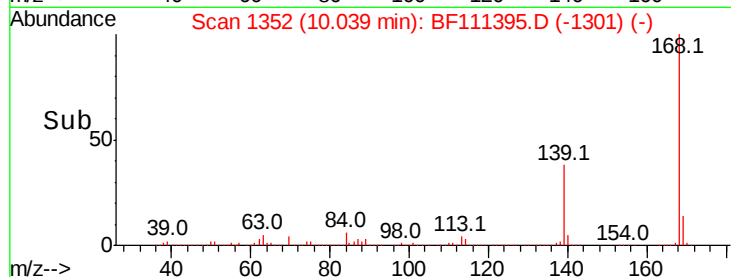
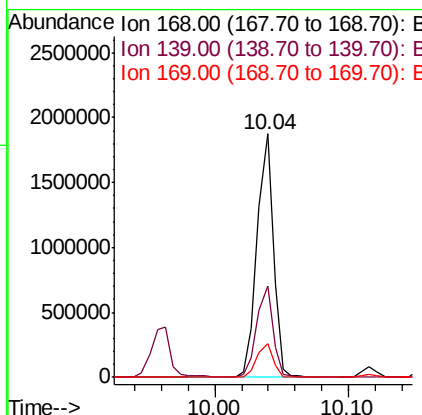
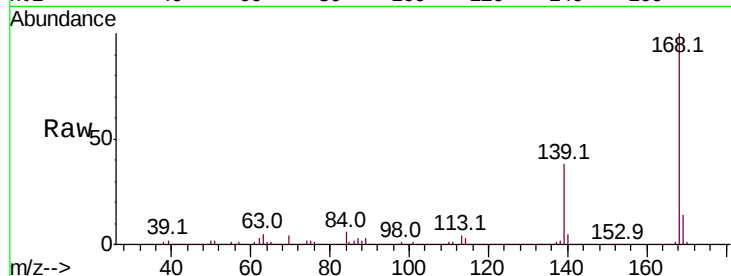
#55
Dibenzenofuran
Concen: 41.317 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	32.6	49.0
169	13.9	11.8	17.6

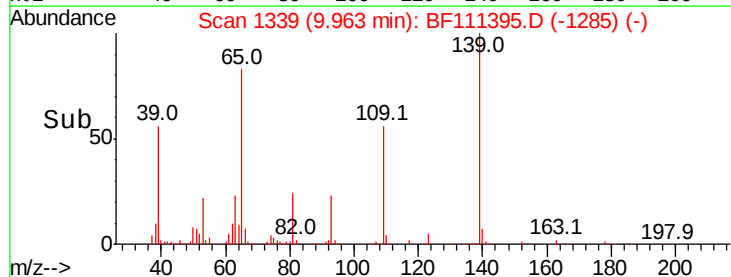
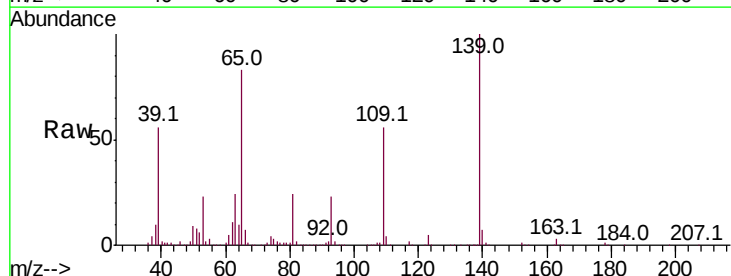
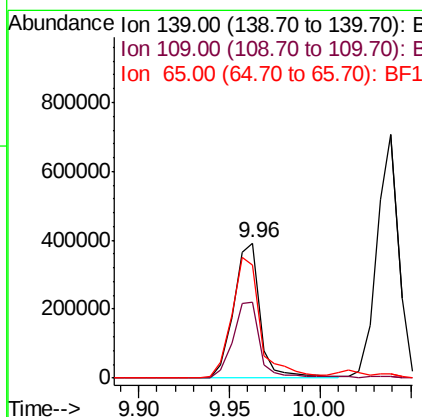
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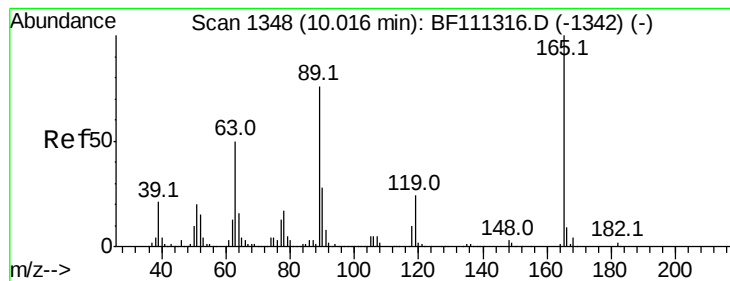
Sohil
12/14/2018 12:54:01 PM



#56
4-Nitrophenol
Concen: 66.634 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.0	41.8	81.8
65	83.3	79.6	119.6





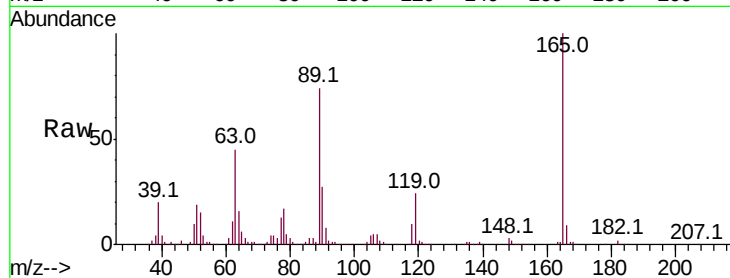
#57
2,4-Dinitrotoluene
Concen: 39.448 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.4	34.6	52.0	
89	73.6	56.2	84.4	
182	2.4	1.8	2.6	

Manual Integrations
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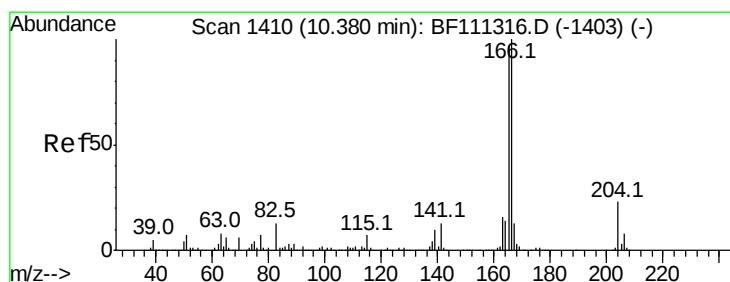
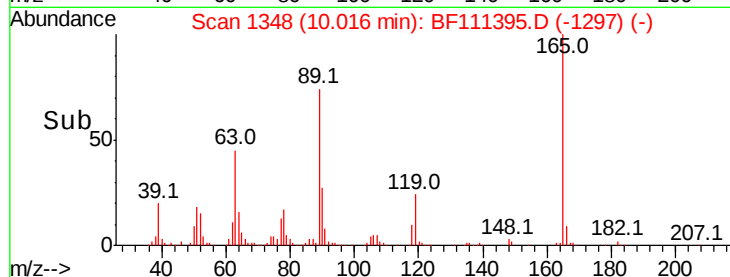
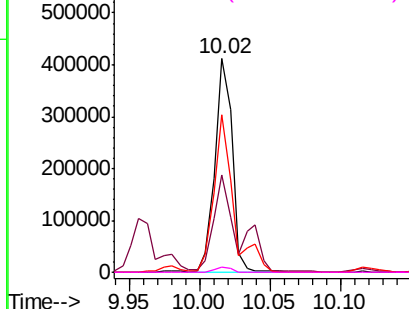
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

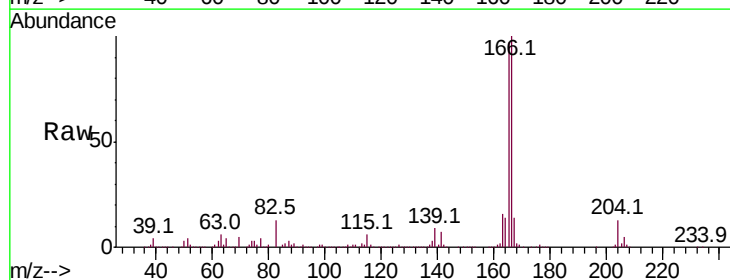
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.845 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.1	78.4	117.6	
167	14.0	11.2	16.8	

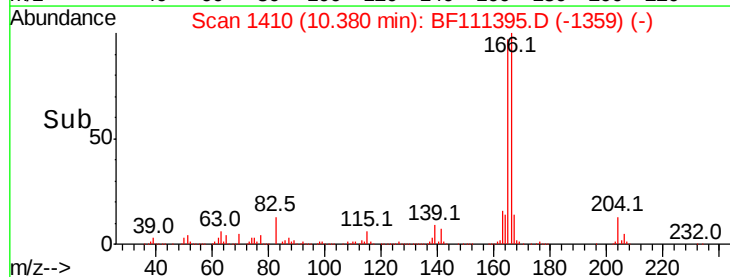
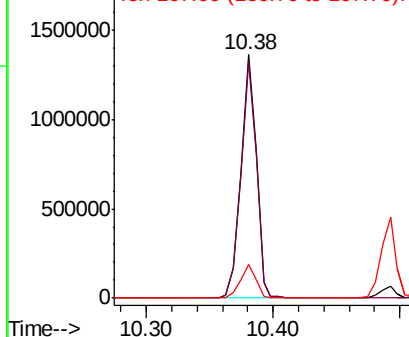


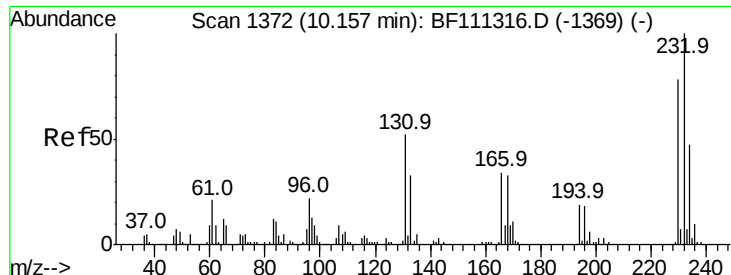
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





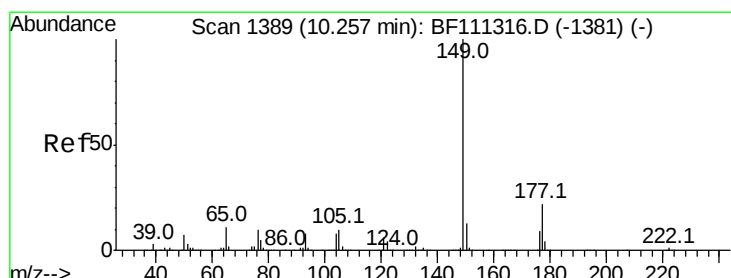
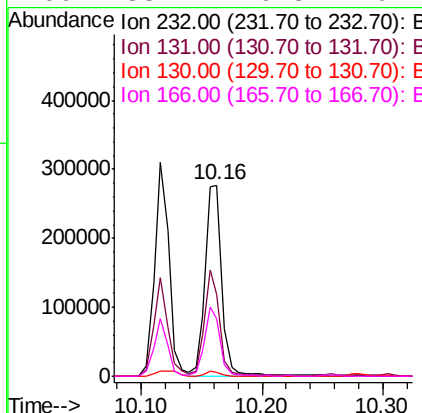
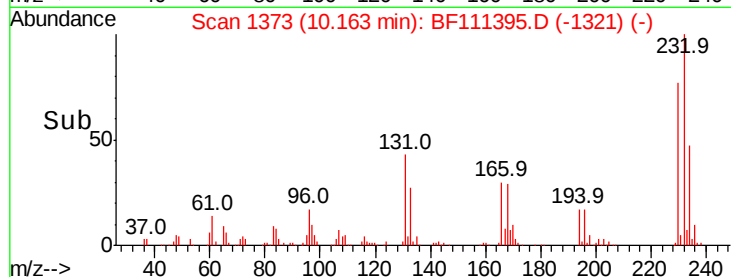
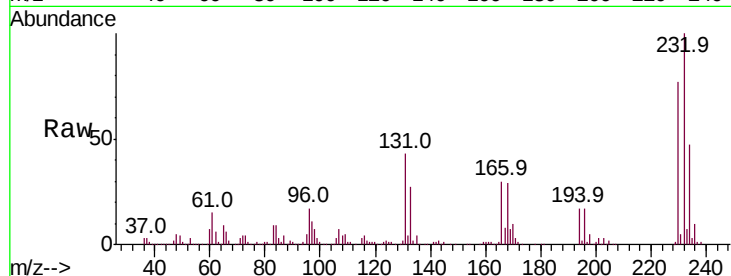
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.210 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.8	40.9	61.3
130	2.3	2.0	3.0
166	33.2	26.8	40.2

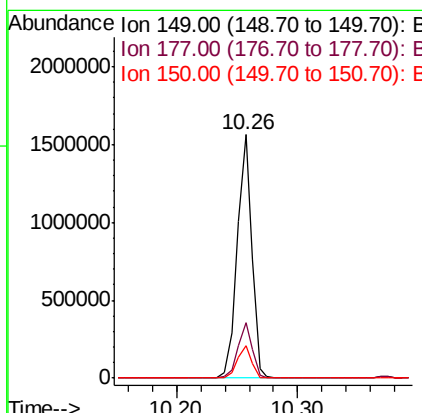
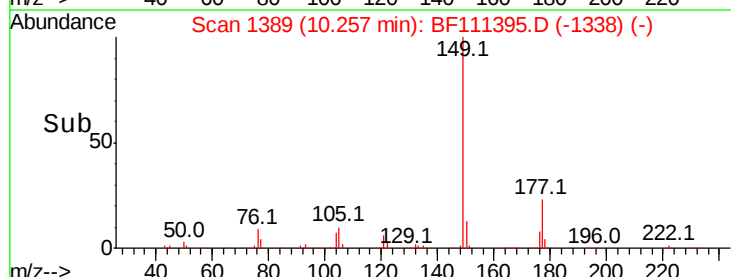
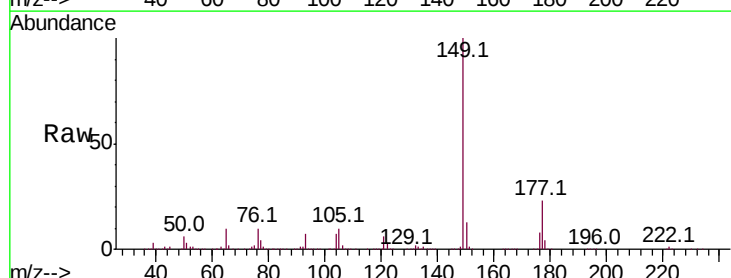
Manual Integrations
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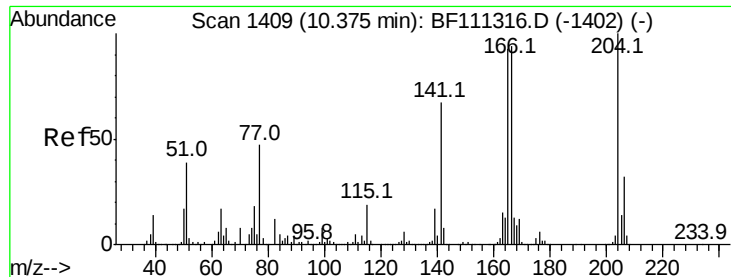
Sohil
 12/14/2018 12:54:01 PM



#60
 Diethylphthalate
 Concen: 41.852 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.3	27.5
150	13.2	10.6	15.8





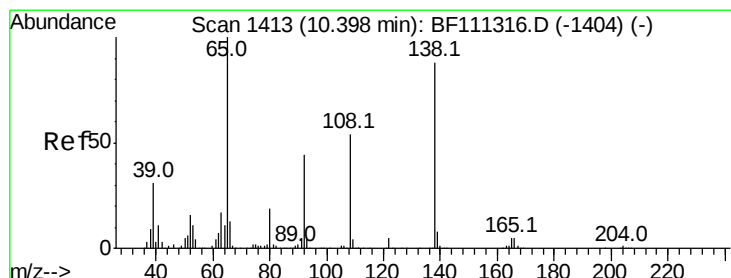
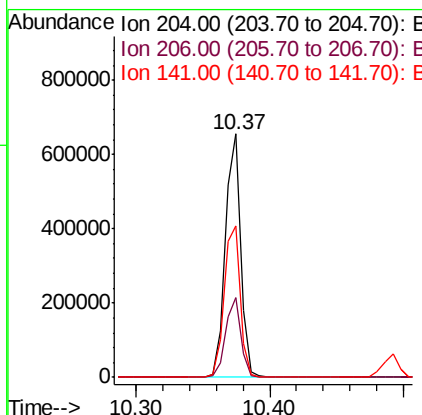
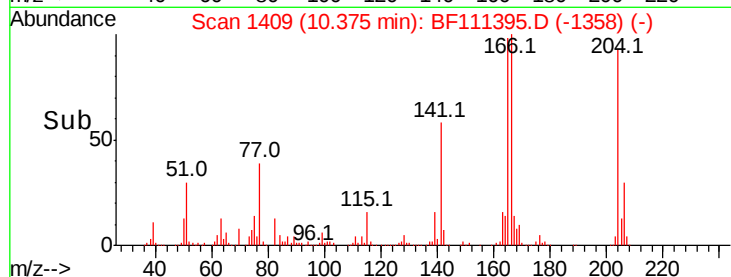
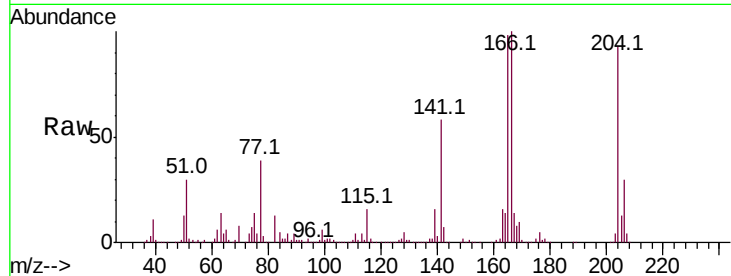
#61
 4-Chlorophenyl-phenylether
 Concen: 39.851 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618MS

Tot Ion:	204	Resp:	535220
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.6	39.8
141	62.4	52.6	78.8

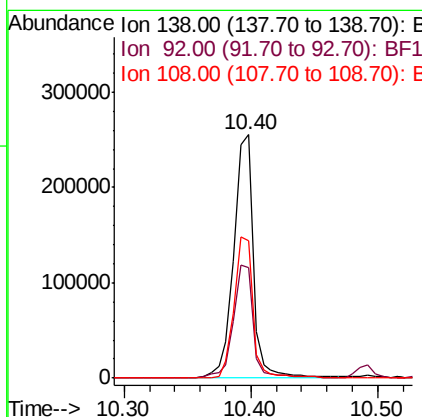
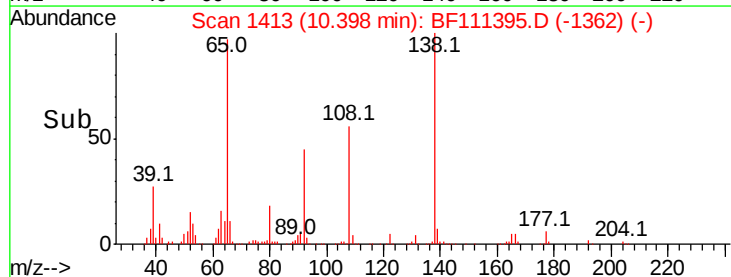
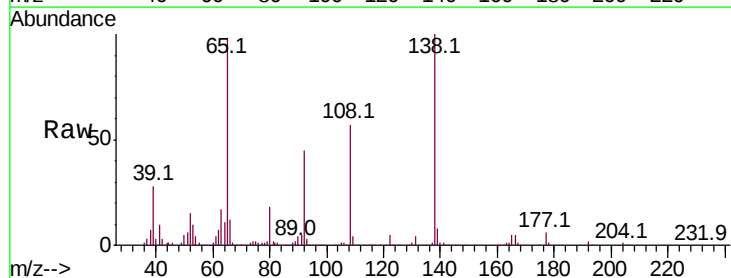
Manual Integrations
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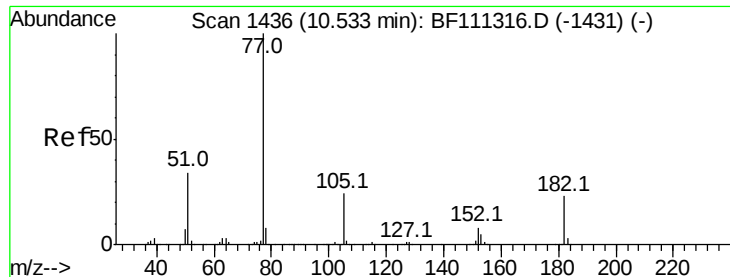
Sohil
 12/14/2018 12:54:01 PM



#62
 4-Nitroaniline
 Concen: 34.124 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Tgt Ion:	138	Resp:	273788
Ion Ratio	Lower	Upper	
138	100		
92	45.5	29.9	69.9
108	56.5	43.2	83.2





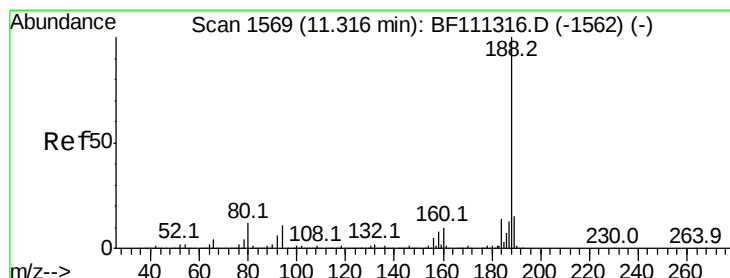
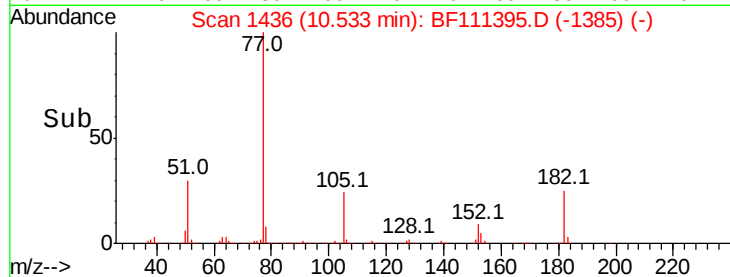
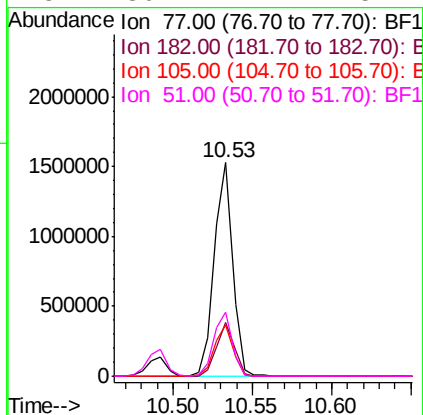
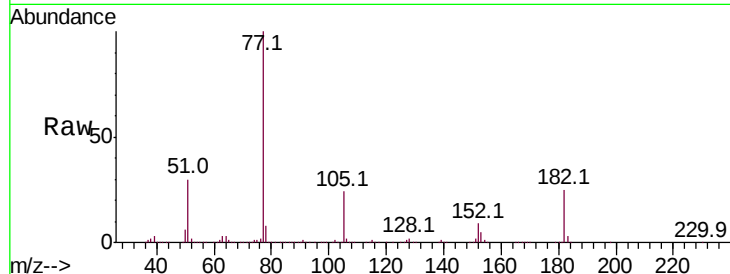
#63
Azobenzene
Concen: 38.800 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.9	44.9
105	24.2	6.0	46.0
51	30.1	14.7	54.7

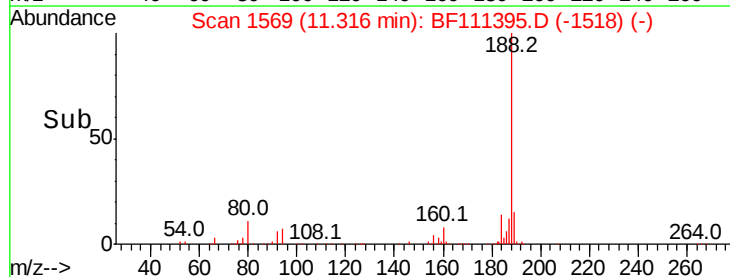
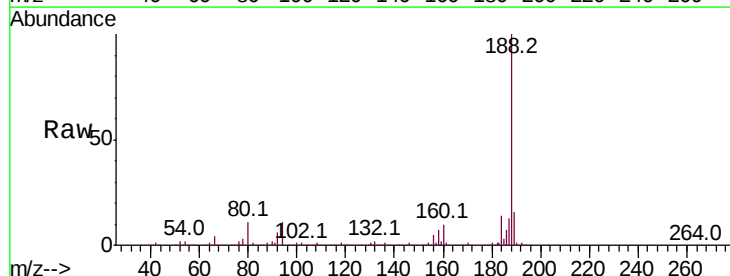
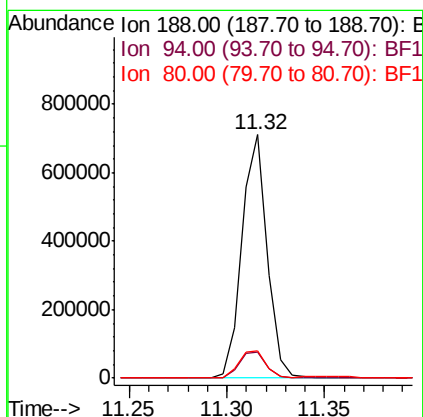
Manual Integrations
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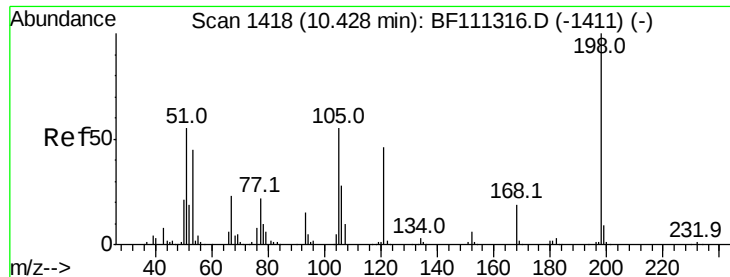
Sohil
12/14/2018 12:54:01 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.6	14.4
80	11.3	9.8	14.6





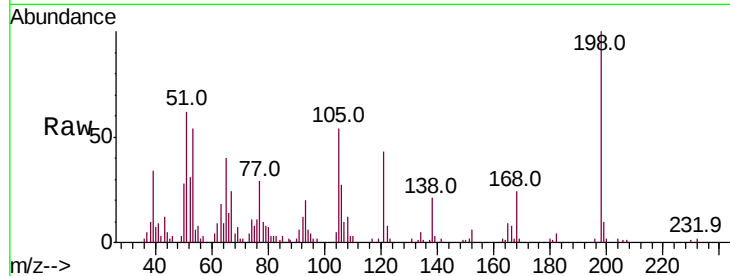
#65
4,6-Dinitro-2-methylphenol
Concen: 7.137 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	26095		
51	62.3		48.0	88.0
105	54.1		34.0	74.0

Manual Integrations
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Sohil
12/14/2018 12:54:01 PM

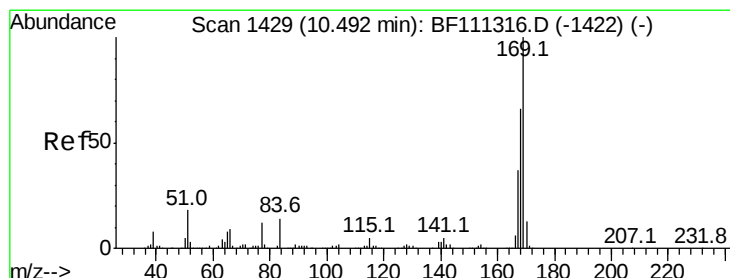
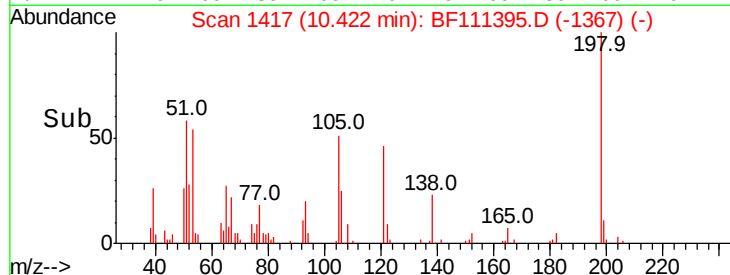
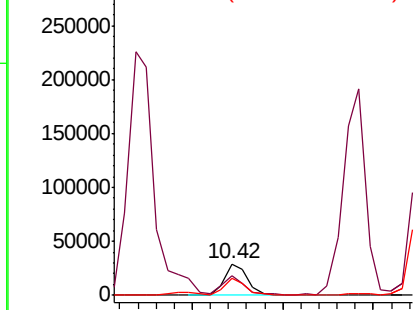


Abundance

Ion 198.00 (197.70 to 198.70): E

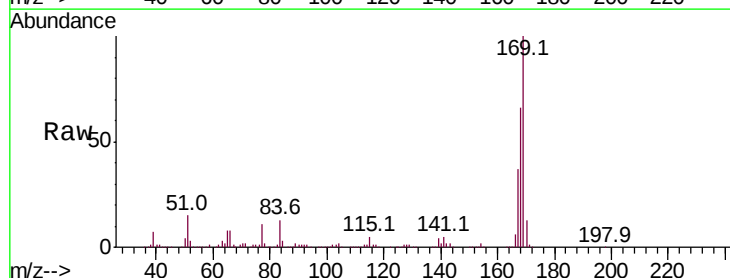
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 45.526 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1031431		
168	66.0		54.4	81.6
167	36.9		30.5	45.7

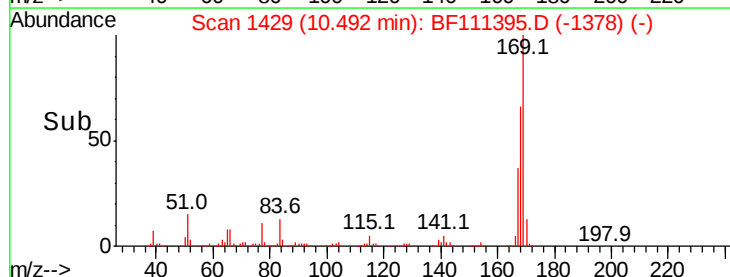
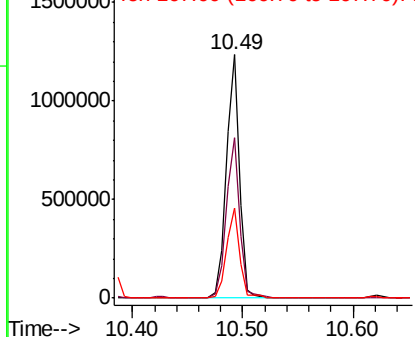


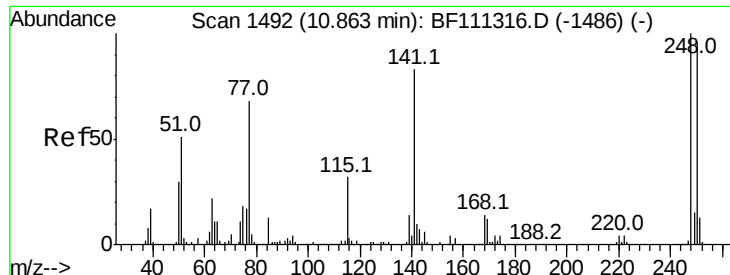
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





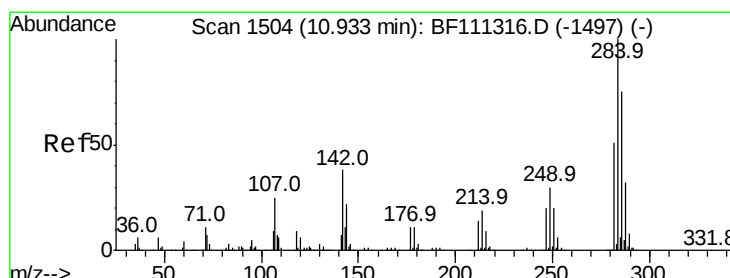
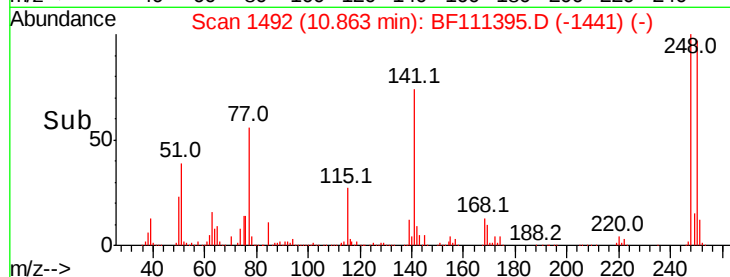
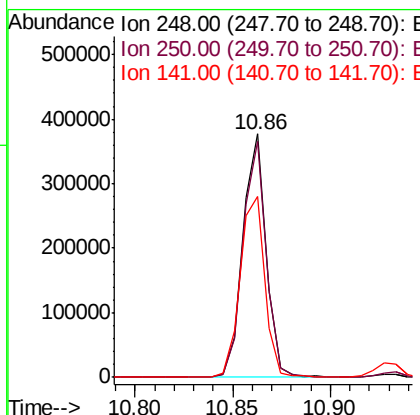
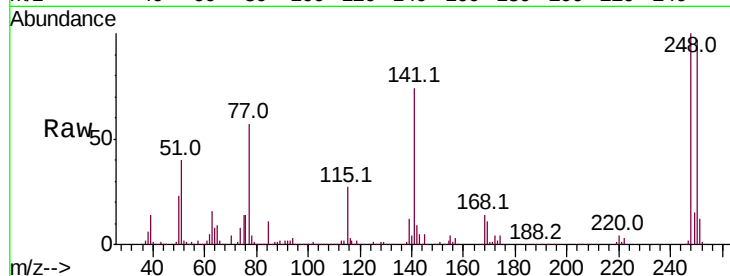
#67
4-Bromophenyl-phenylether
Concen: 43.798 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.4
141	74.3	63.0	94.6

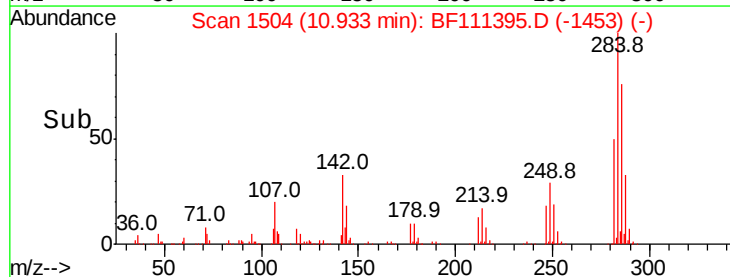
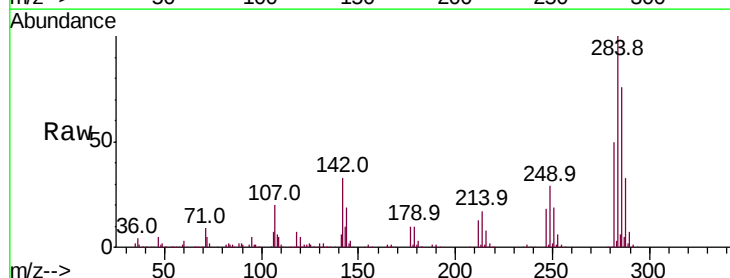
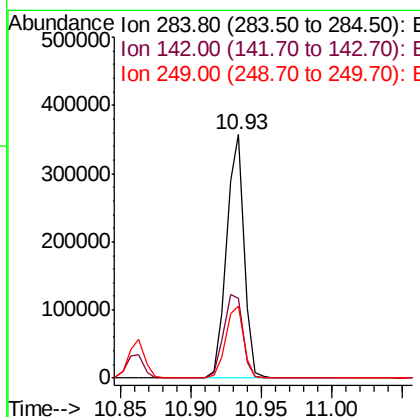
Manual Integrations
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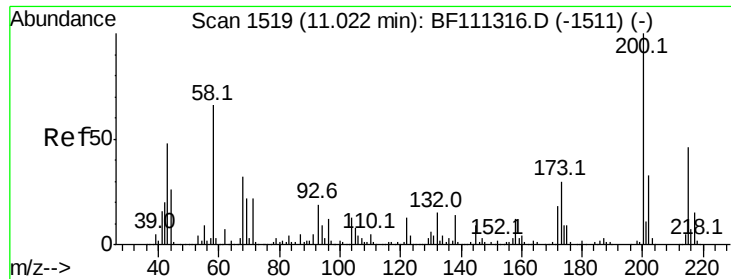
Sohil
12/14/2018 12:54:01 PM



#68
Hexachlorobenzene
Concen: 42.028 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	27.4	41.2
249	29.4	24.4	36.6





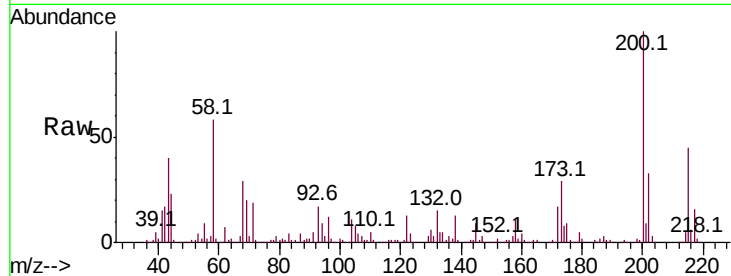
#69
Atrazine
Concen: 44.987 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	294788		
173	29.3	10.1	50.1	
215	44.9	26.9	66.9	

Manual Integrations
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Sohil
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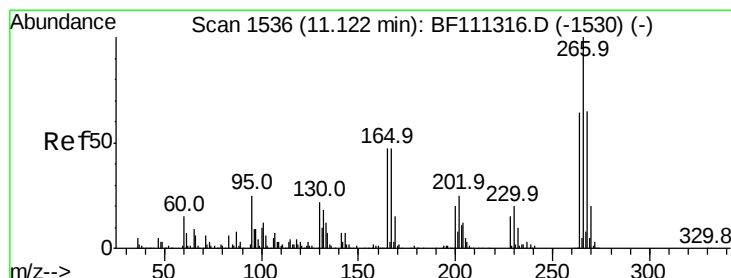
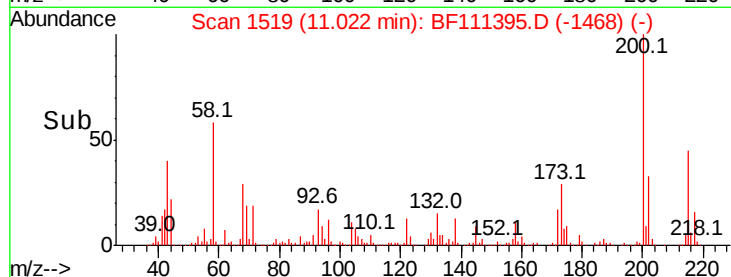
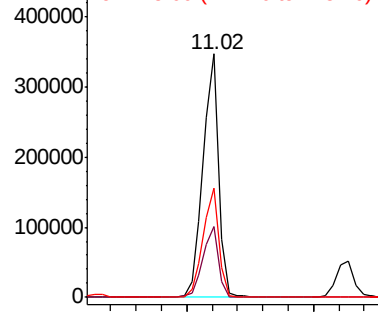


Abundance

Ion 200.00 (199.70 to 200.70): E

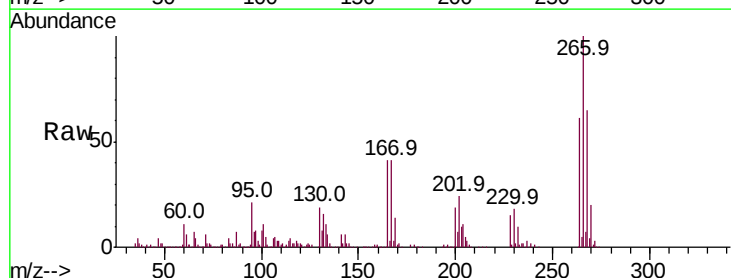
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 55.524 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	269767		
268	65.0	47.9	71.9	
264	60.9	49.1	73.7	

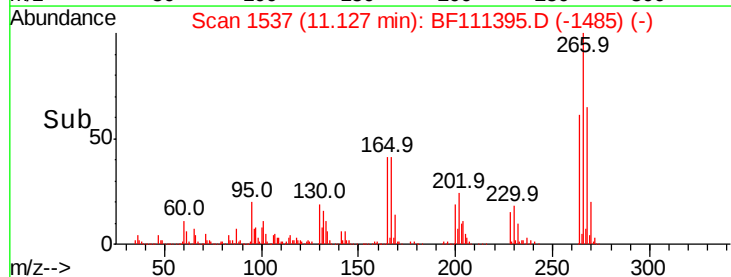
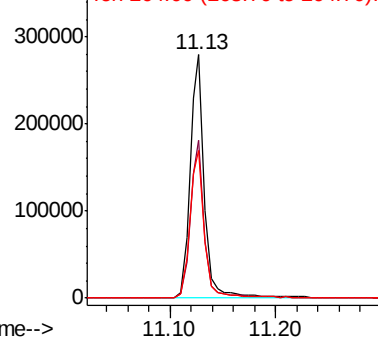


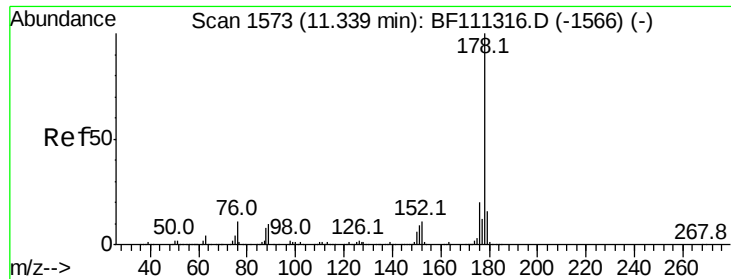
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.704 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion:178 Resp: 1471674

Ion Ratio Lower Upper

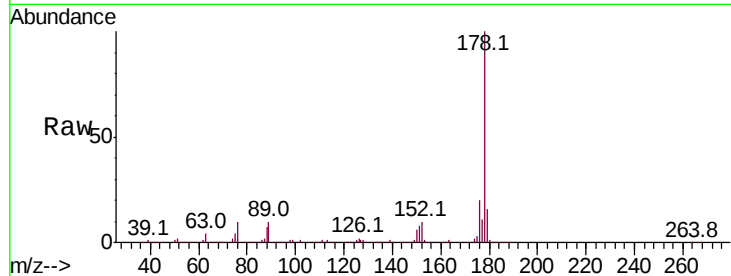
178 100

176 19.7 18.1 27.1

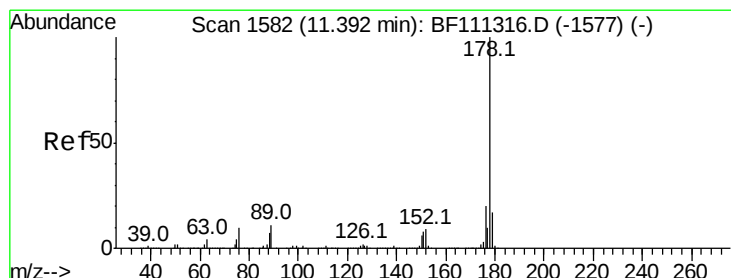
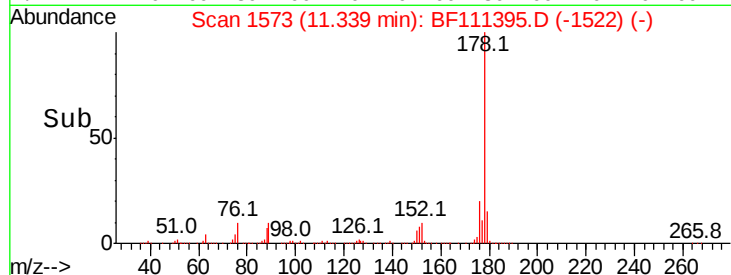
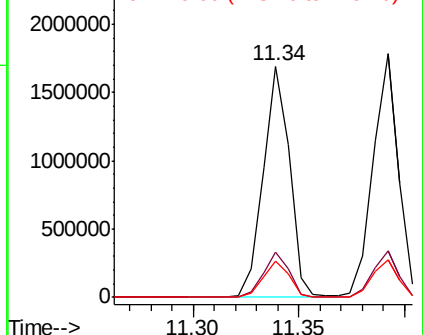
179 15.8 14.0 21.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.101 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion:178 Resp: 1511821

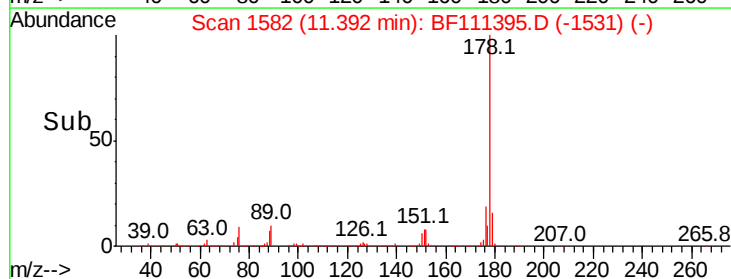
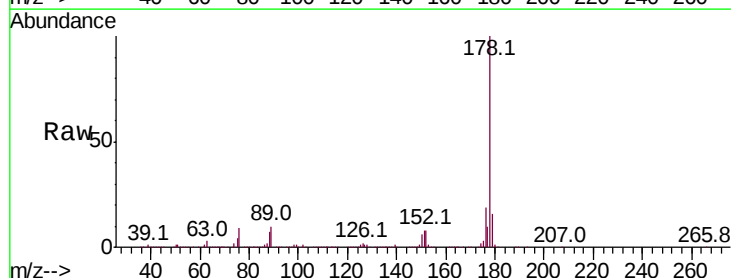
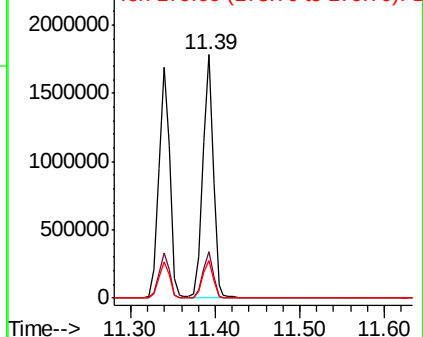
Ion Ratio Lower Upper

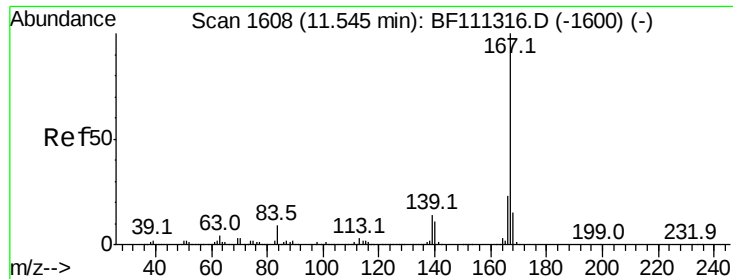
178 100

176 19.2 17.2 25.8

179 15.6 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 39.945 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

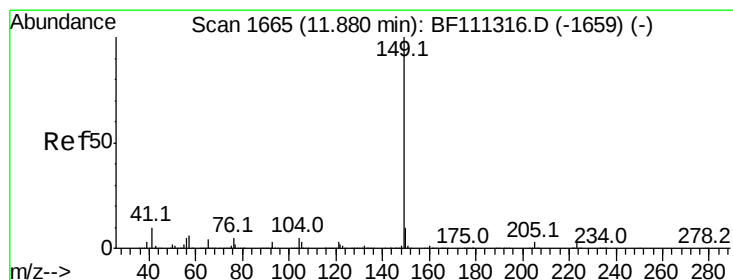
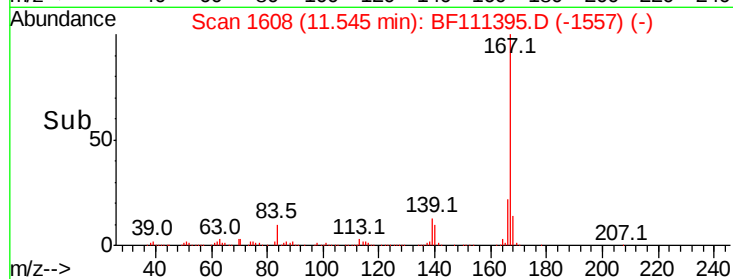
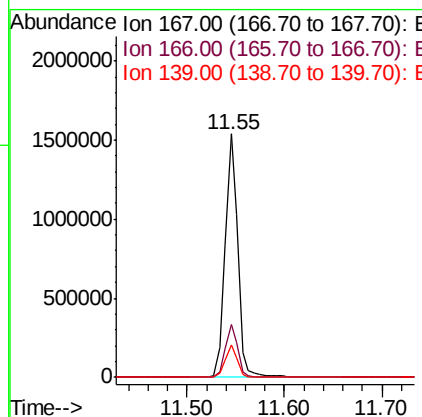
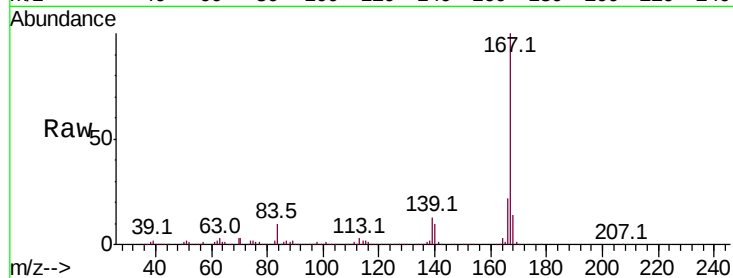
Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618MS

Tot Ion:167 Resp: 1384507

Ion	Ratio	Lower	Upper
167	100		
166	21.7	19.3	28.9
139	13.3	11.9	17.9

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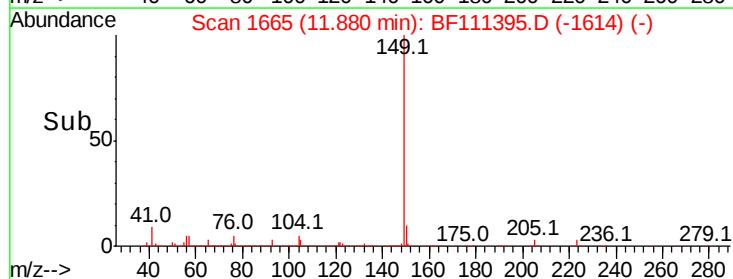
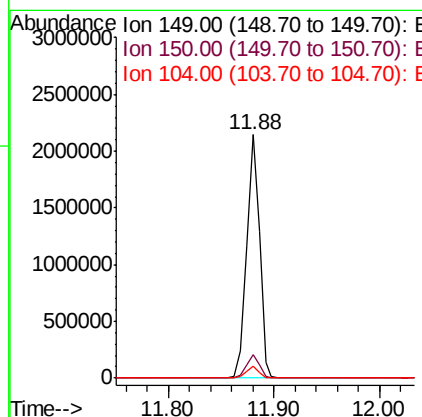
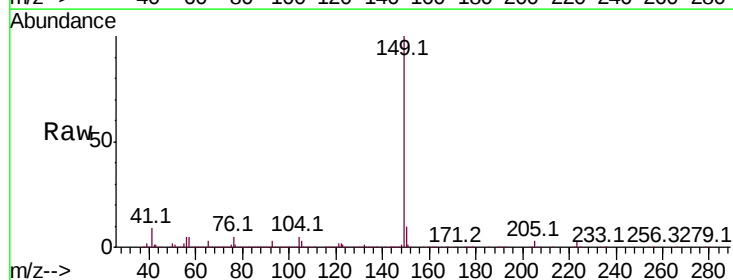
Sohil
 12/14/2018 12:54:01 PM

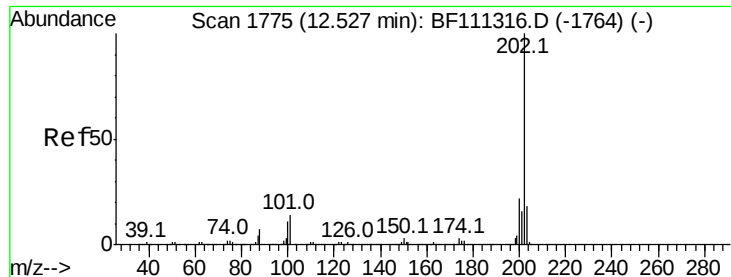


#74
 Di-n-butylphthalate
 Concen: 45.117 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Tgt Ion:149 Resp: 1780514

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.8	13.2
104	4.7	4.5	6.7





#75

Fluoranthene

Concen: 43.563 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

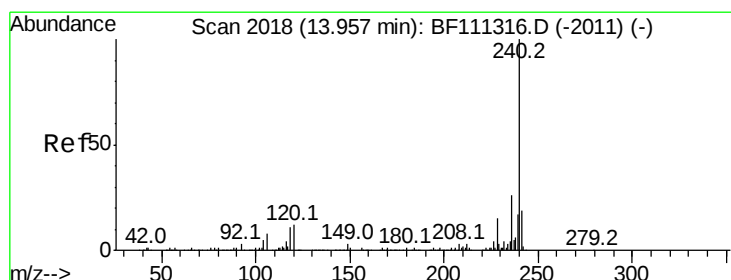
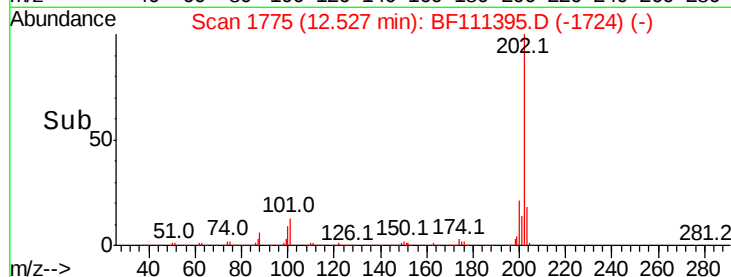
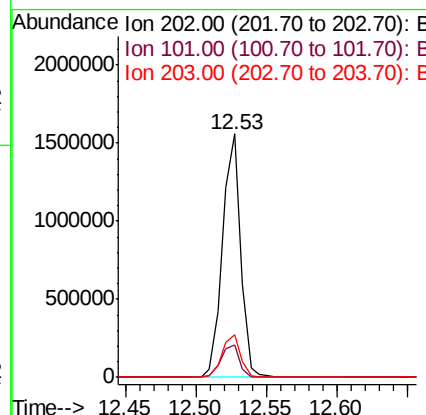
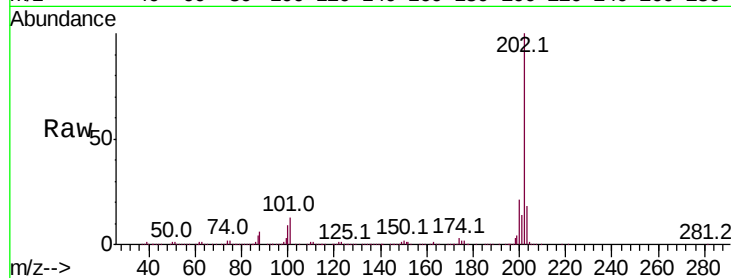
ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion:	202	Resp:	1400025
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.8
203	17.7	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

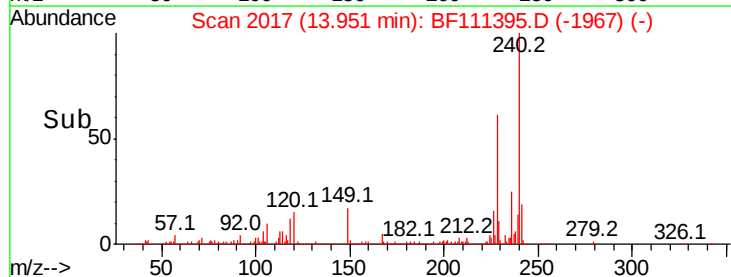
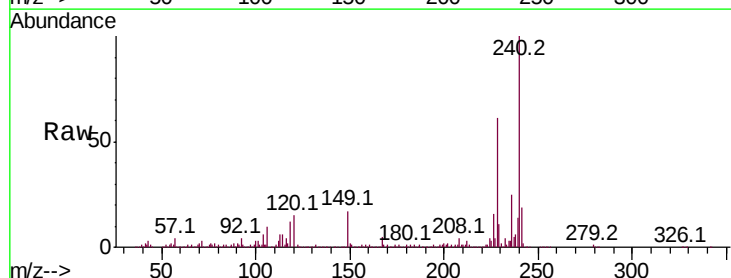
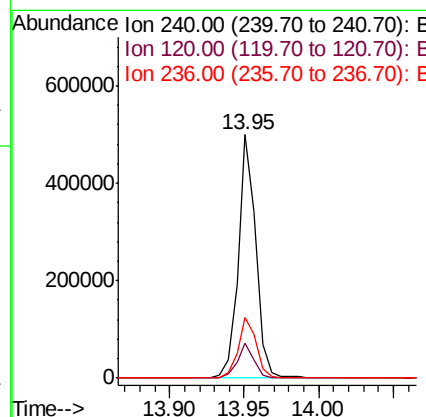
RT: 13.95 min Scan# 2017

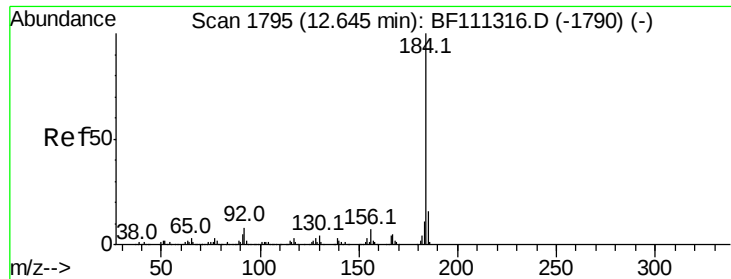
Delta R.T. -0.01 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion:	240	Resp:	414832
Ion Ratio	Lower	Upper	
240	100		
120	14.5	12.2	18.2
236	24.6	20.2	30.2





#77

Benzidine

Concen: 37.169 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

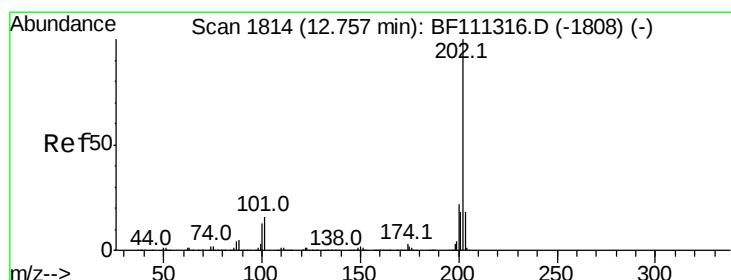
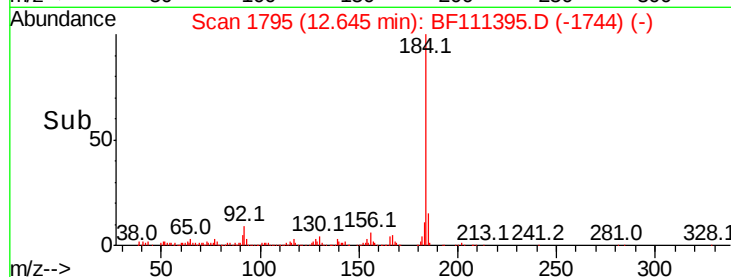
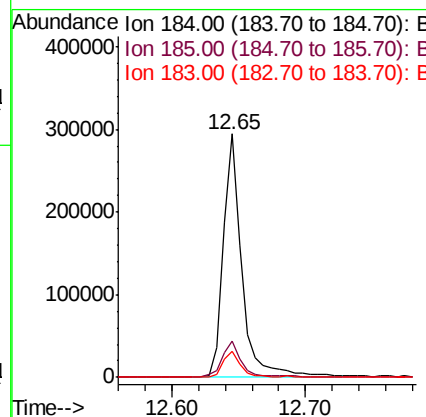
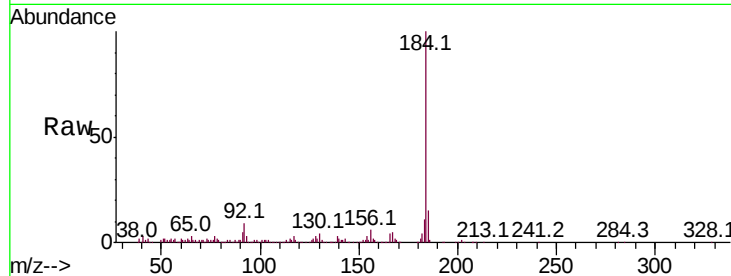
ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion:	184	Resp:	290975
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.6
183	10.8	9.3	13.9

Manual Integrations
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#78

Pyrene

Concen: 44.497 ng

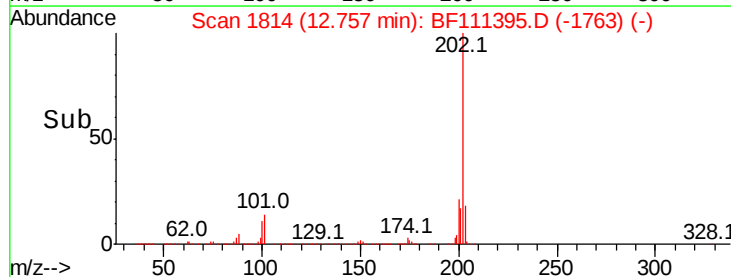
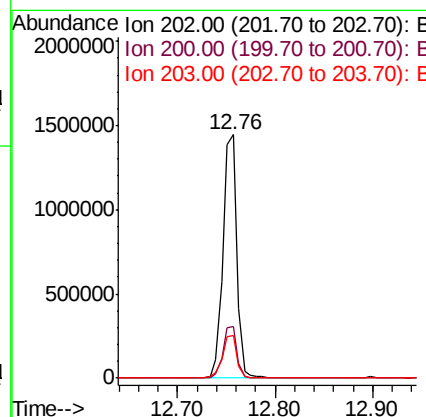
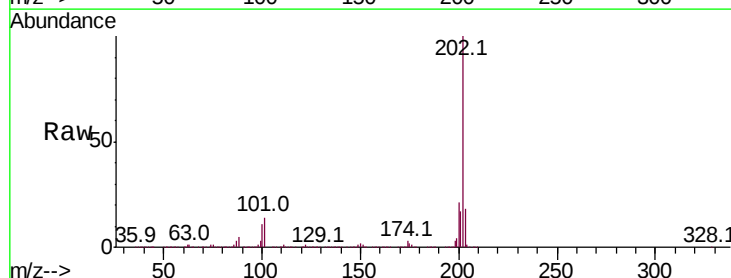
RT: 12.76 min Scan# 1814

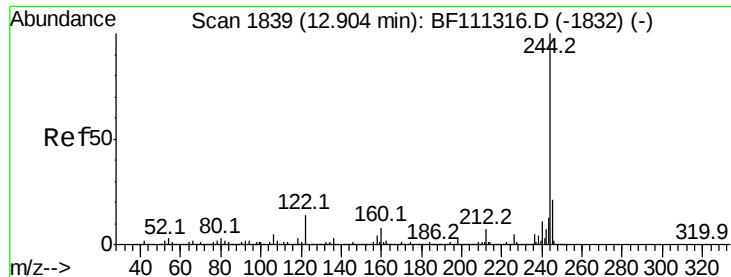
Delta R.T. -0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion:	202	Resp:	1424597
Ion Ratio	Lower	Upper	
202	100		
200	21.2	19.0	28.4
203	17.5	15.2	22.8





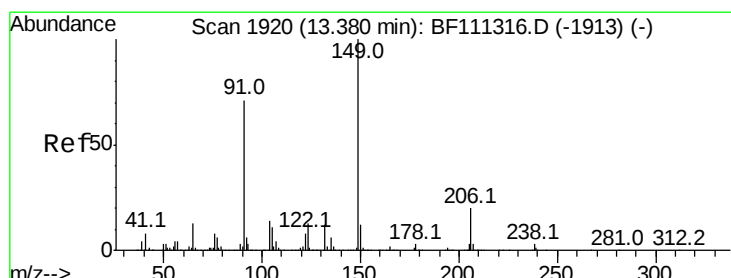
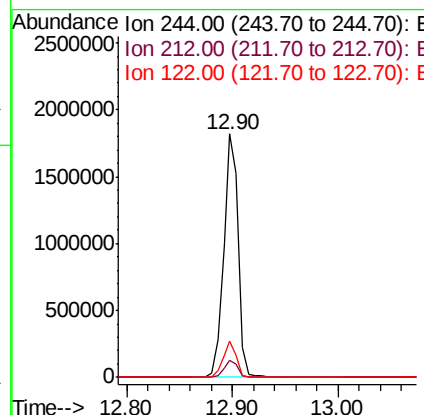
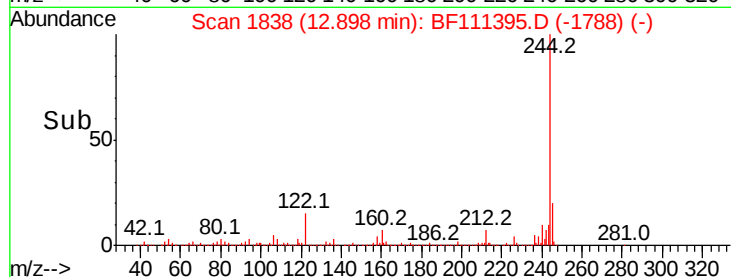
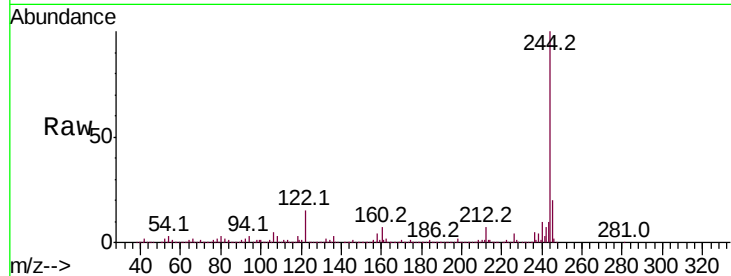
#79
Terphenyl-d14
Concen: 92.875 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion:244 Resp: 1750501
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 15.0 13.1 19.7

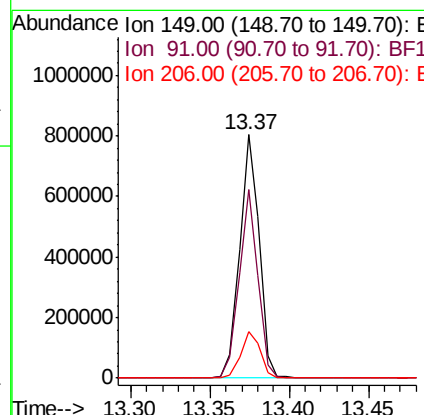
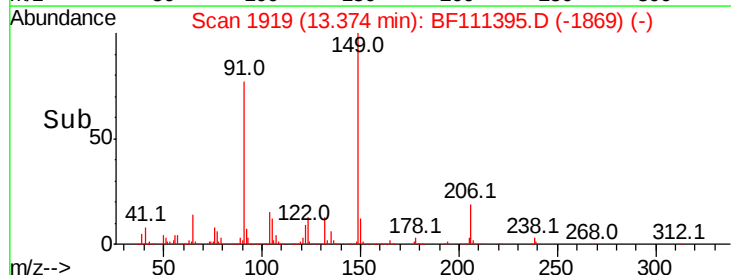
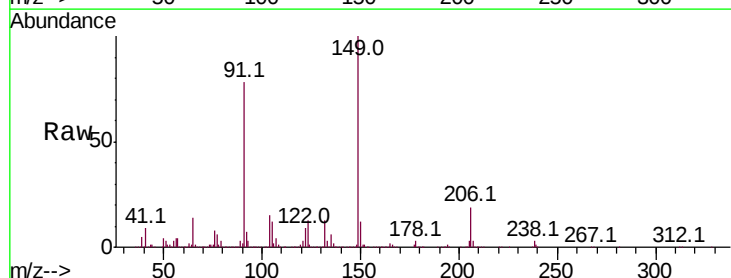
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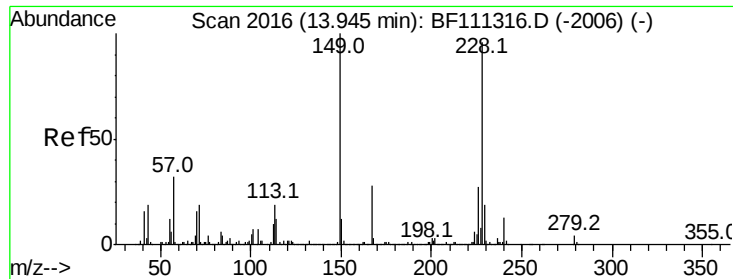
Sohil
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#80
Butylbenzylphthalate
Concen: 44.663 ng
RT: 13.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion:149 Resp: 686541
Ion Ratio Lower Upper
149 100
91 77.6 63.8 95.6
206 19.1 15.1 22.7





#81

Benzo(a)anthracene

Concen: 43.694 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion:228 Resp: 1014147

Ion Ratio Lower Upper

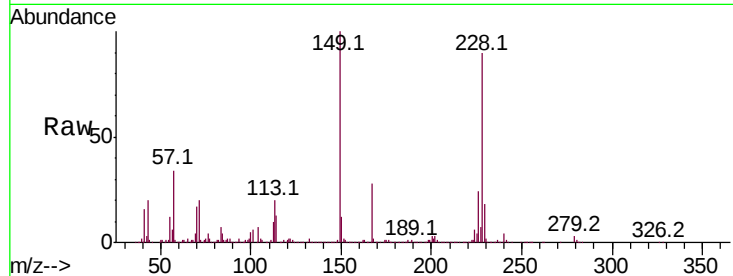
228 100

226 26.8 22.6 34.0

229 20.0 16.3 24.5

Manual Integrations
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12/14/2018 12:54:01 PM

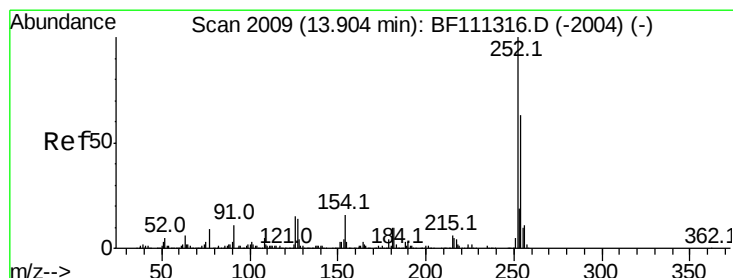
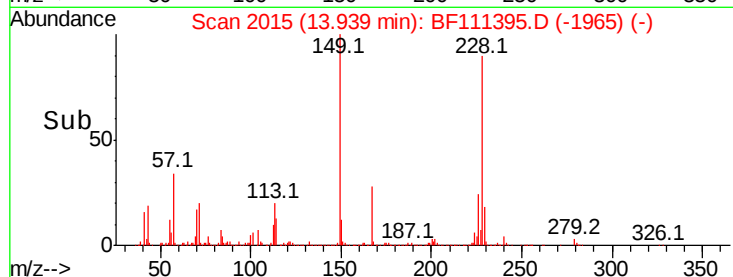
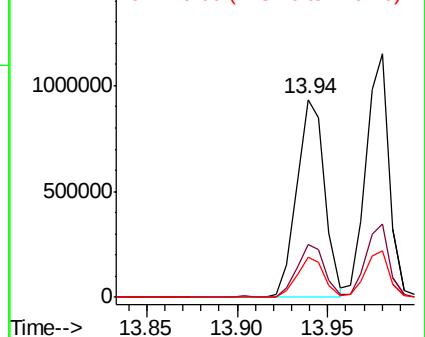


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.027 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion:252 Resp: 316252

Ion Ratio Lower Upper

252 100

254 63.8 52.7 79.1

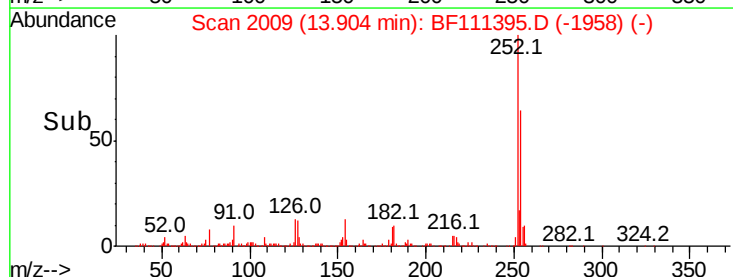
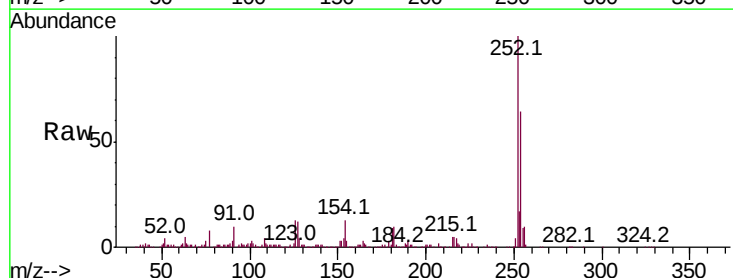
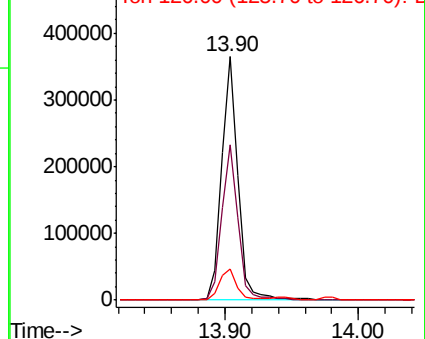
126 12.8 11.1 16.7

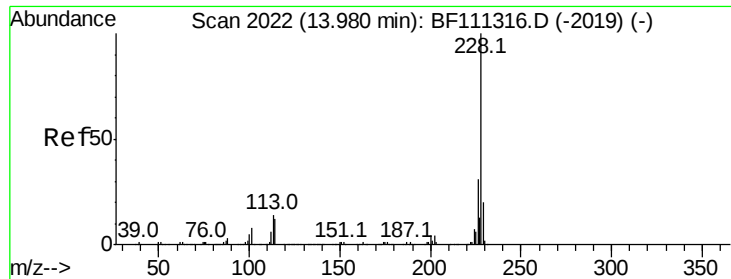
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 43.655 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

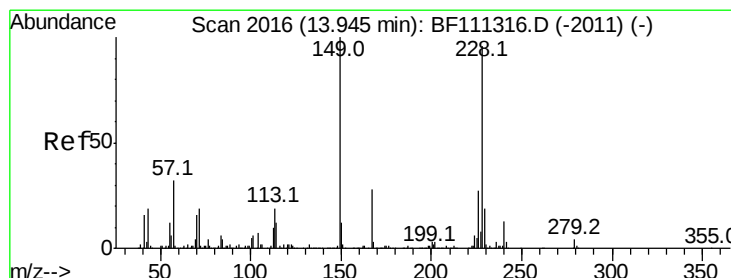
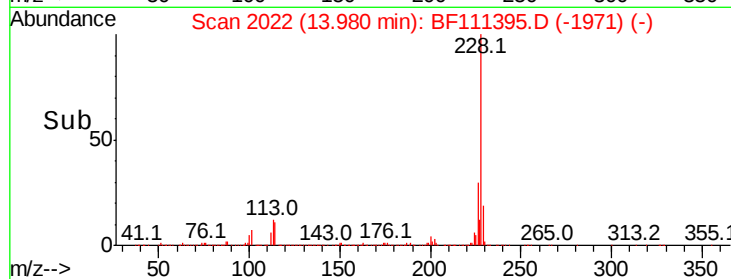
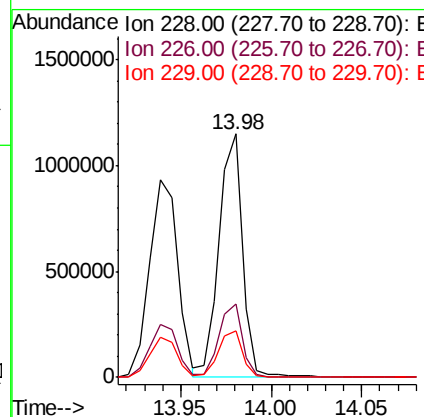
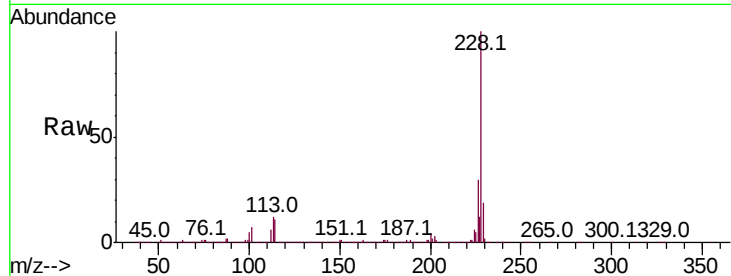
Instrument :
 BNA_F
 ClientSampleId :
 SUP-6-C-1-120618MS

Tot Ion:228 Resp: 1033772

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.3	37.9
229	19.4	17.2	25.8

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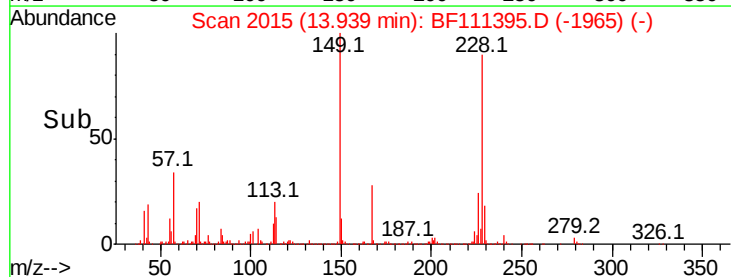
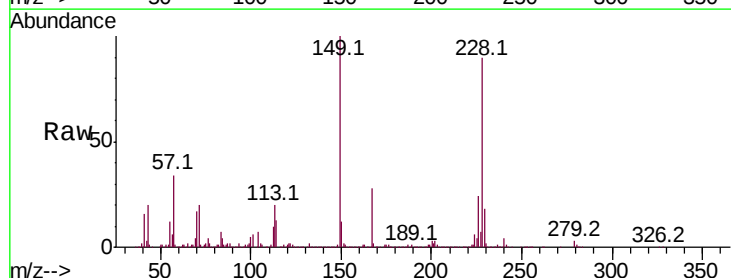
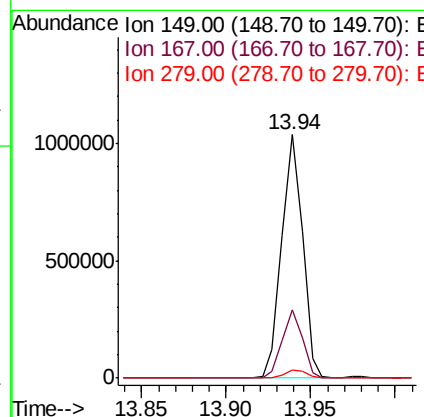
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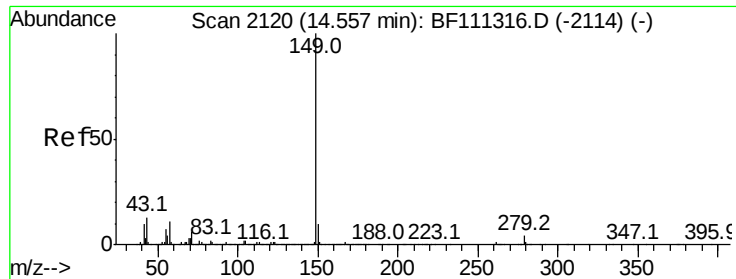


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.909 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111395.D
 Acq: 14 Dec 2018 2:54

Tgt Ion:149 Resp: 881518

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.3	2.6	4.0





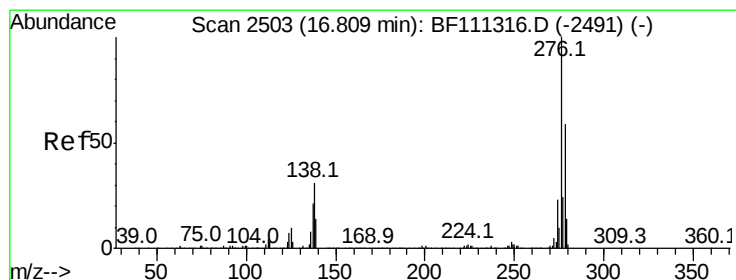
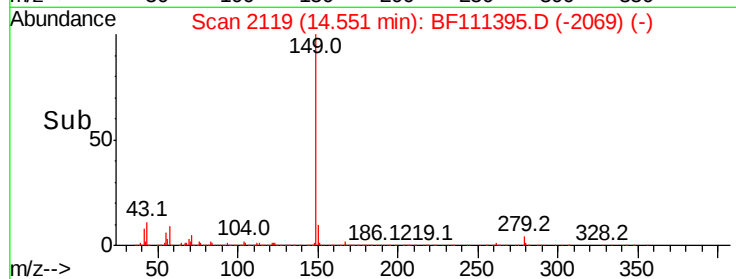
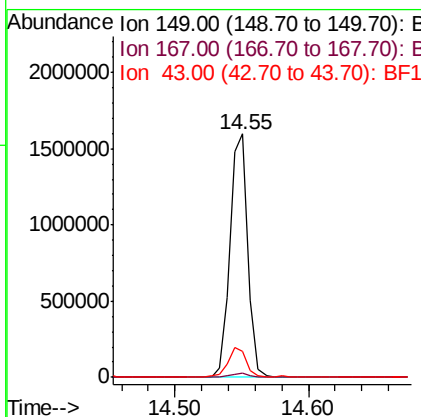
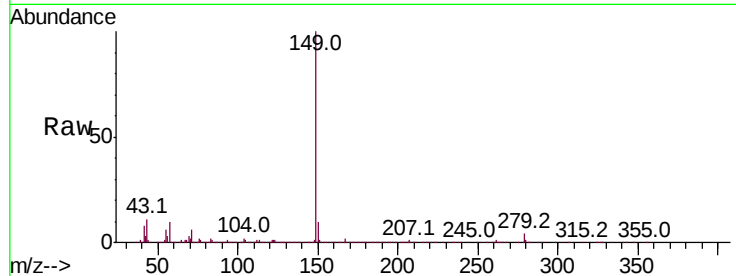
#85
Di-n-octyl phthalate
Concen: 48.527 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	10.9	16.3

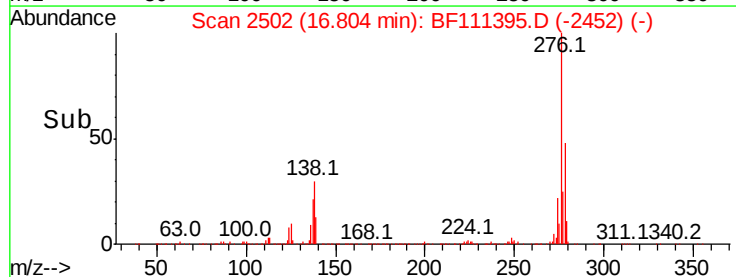
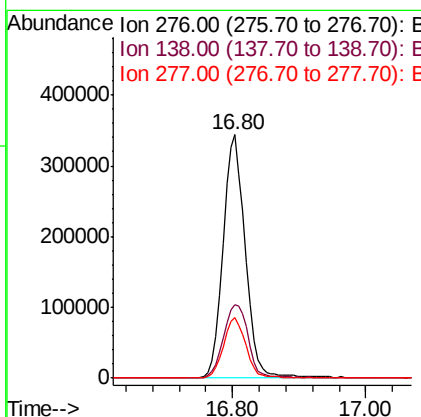
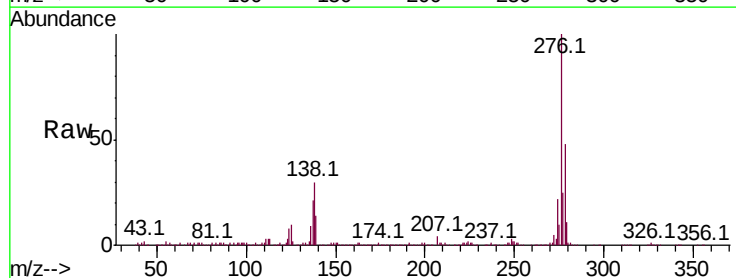
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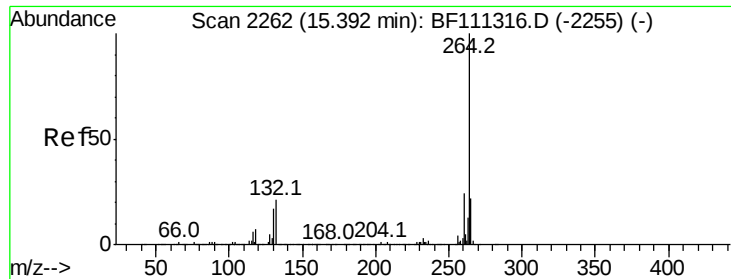
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.810 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	25.0	20.1	30.1





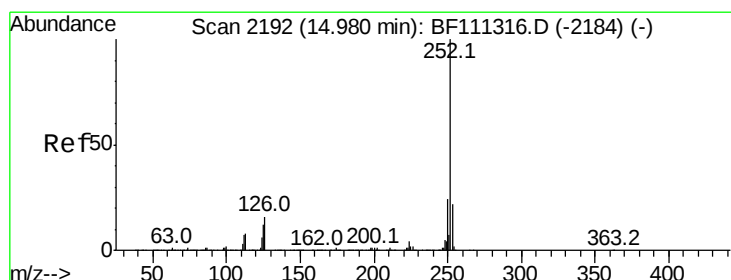
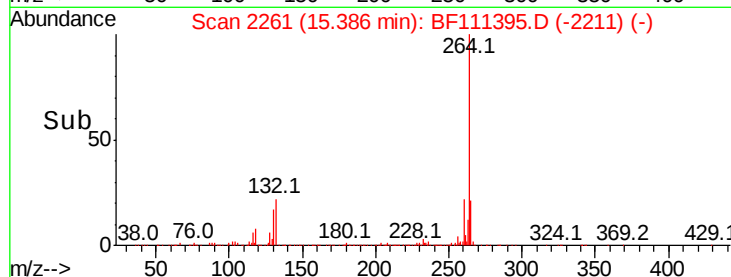
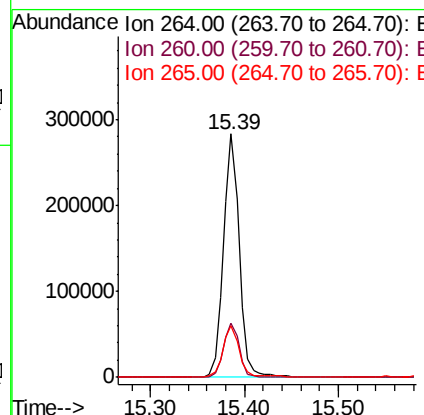
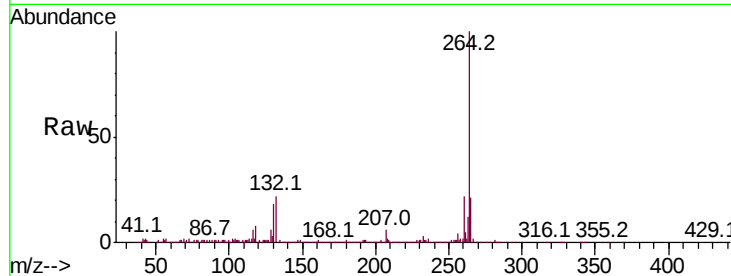
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.4	17.7	26.5

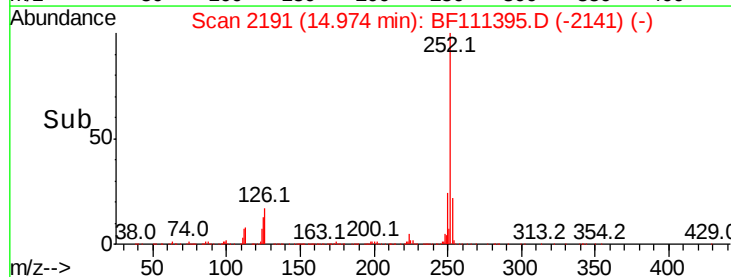
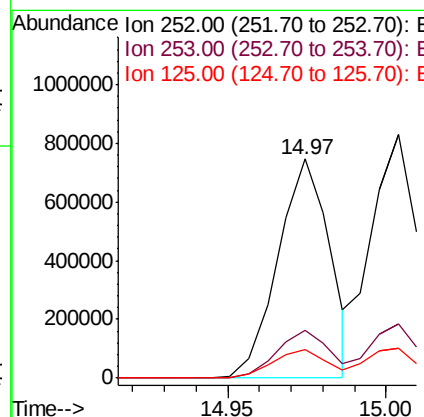
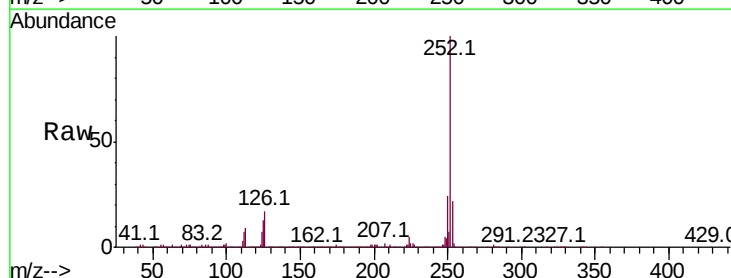
Manual Integrations
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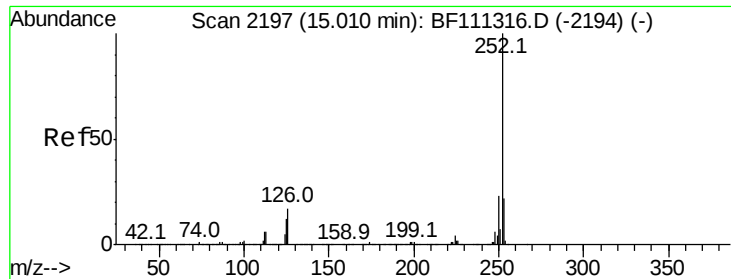
Sohil
12/14/2018 12:54:01 PM



#88
Benzo(b)fluoranthene
Concen: 44.610 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	13.2	10.4	15.6





#89

Benzo(k)fluoranthene

Concen: 44.552 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Instrument :

BNA_F

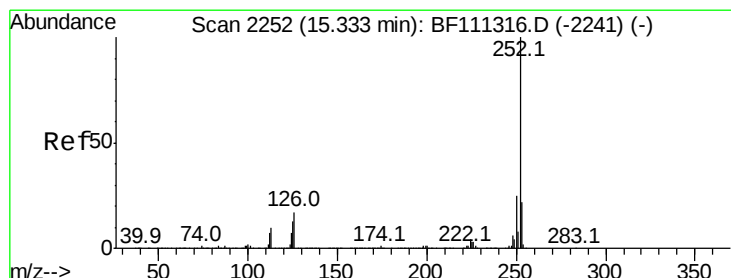
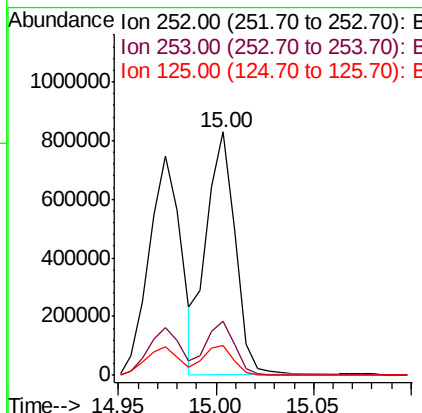
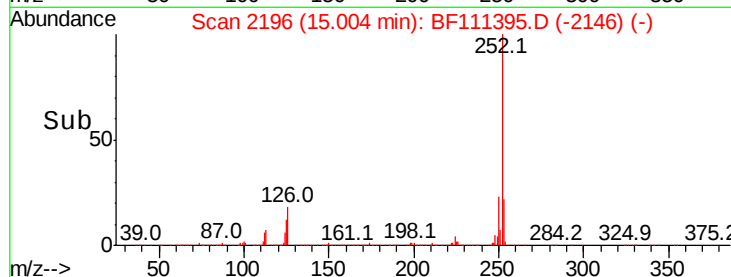
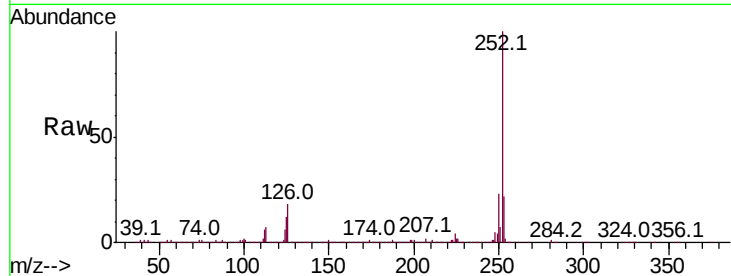
ClientSampleId :

SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.5	9.8	14.8

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 45.446 ng

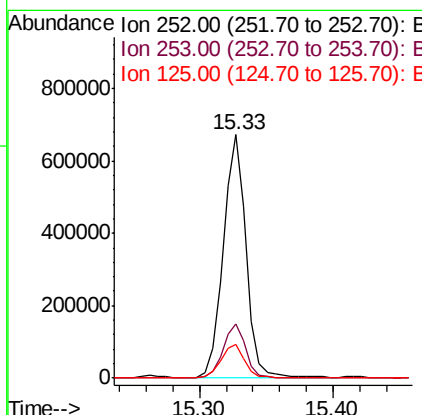
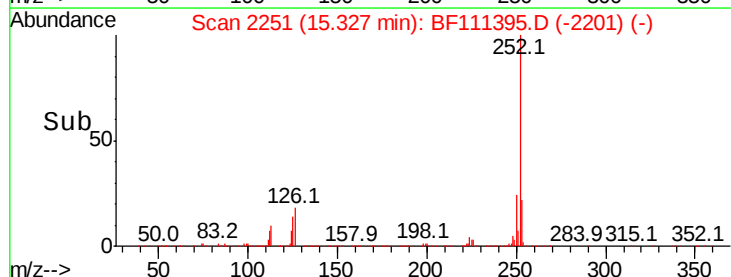
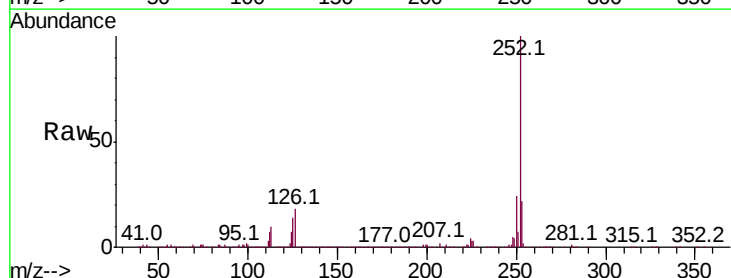
RT: 15.33 min Scan# 2251

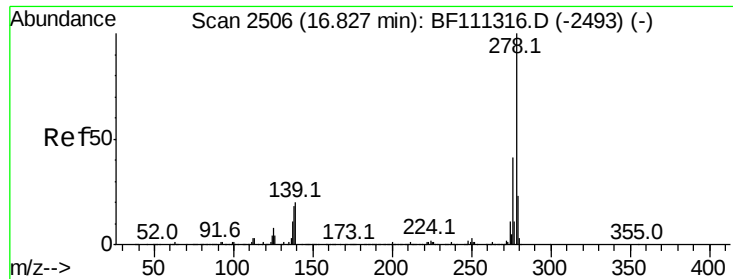
Delta R.T. -0.01 min

Lab File: BF111395.D

Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	13.9	12.3	18.5





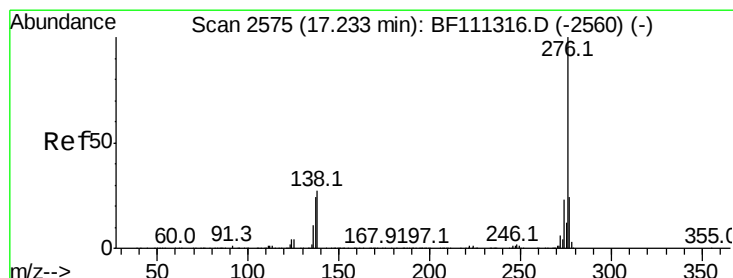
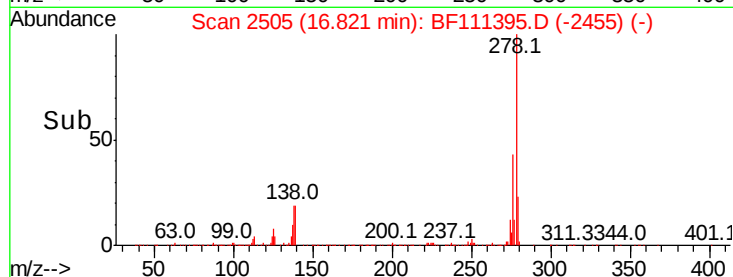
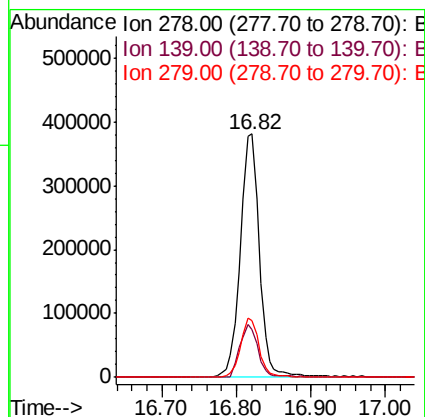
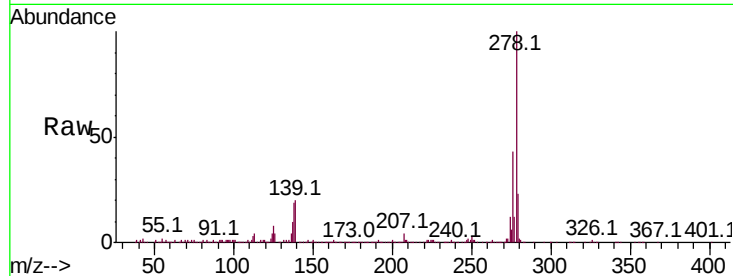
#91
Dibenzo(a,h)anthracene
Concen: 46.155 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	18.2	27.4
279	23.5	19.0	28.6

Manual Integrations
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12/14/2018 12:54:01 PM



#92
Benzo(g,h,i)perylene
Concen: 40.298 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111395.D
Acq: 14 Dec 2018 2:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.2	28.8
138	28.7	24.9	37.3

