

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111232.D
 Acq On : 10 Dec 2018 10:34
 Operator : JU/SJ
 Sample : PB115080BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115080BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:42:23 AM

Quant Time: Dec 10 15:35:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	616577	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2422032	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1100700	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1859315	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1140601	20.00	ng	0.00
87) Perylene-d12	15.39	264	880092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	4327950	110.84	ng	0.02
7) Phenol-d6	6.44	99	5487918	113.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	2967720	68.73	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1137467	116.66	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4564978	67.72	ng	0.00
79) Terphenyl-d14	12.91	244	3977529	83.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	739632	36.918	ng	99
3) Pyridine	3.37	79	2051430	38.543	ng	99
4) n-Nitrosodimethylamine	3.30	42	1029645	45.373	ng	97
6) Aniline	6.46	93	2107839	32.579	ng	99
8) 2-Chlorophenol	6.59	128	1764422	39.754	ng	98
9) Benzaldehyde	6.35	77	682239	21.133	ng	99
10) Phenol	6.45	94	2177876	38.383	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	1805202	41.137	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1881982	39.463	ng	100
13) 1,4-Dichlorobenzene	6.82	146	1899957	39.456	ng	100
14) 1,2-Dichlorobenzene	6.97	146	1764147	39.280	ng	99
15) Benzyl Alcohol	6.95	79	1562115	40.679	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3364399	40.950	ng	99
17) 2-Methylphenol	7.06	107	1538788	42.466	ng	98
18) Hexachloroethane	7.32	117	750607	40.942	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	1270775	39.093	ng	99
20) 3+4-Methylphenols	7.21	107	1706159	39.586	ng	96
22) Acetophenone	7.21	105	2342769	42.274	ng	# 99
24) Nitrobenzene	7.38	77	1944745	43.271	ng	98
25) Isophorone	7.63	82	3554036	48.322	ng	99
26) 2-Nitrophenol	7.70	139	968643	43.379	ng	99
27) 2,4-Dimethylphenol	7.74	122	1653441	47.918	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	2247357	44.126	ng	99
29) 2,4-Dichlorophenol	7.94	162	1482217	42.010	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1484700	42.721	ng	100
31) Naphthalene	8.10	128	4849674	45.878	ng	98
32) Benzoic acid	7.87	122	1273651	44.637	ng	99
33) 4-Chloroaniline	8.15	127	1293750	25.482	ng	98
34) Hexachlorobutadiene	8.23	225	784544	40.895	ng	98
35) Caprolactam	8.52	113	531368m	42.501	ng	
36) 4-Chloro-3-methylphenol	8.64	107	1584906	43.874	ng	96
37) 2-Methylnaphthalene	8.80	142	3328569	47.428	ng	99
38) 1-Methylnaphthalene	8.90	142	3130529	45.550	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1157337	37.788	ng	99

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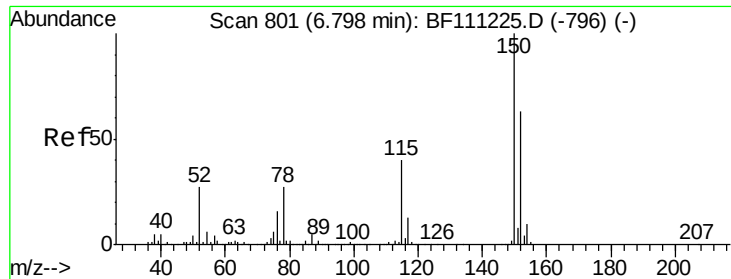
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1424129	81.648	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	969477	42.170	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	1016089	42.427	nq	98
46) 1,1'-Biphenyl	9.26	154	3580915	40.045	nq	99
47) 2-Chloronaphthalene	9.29	162	2929795	40.680	nq	99
48) 2-Nitroaniline	9.38	65	1041544	42.394	nq	90
49) Acenaphthylene	9.70	152	4494811	42.990	nq	98
50) Dimethylphthalate	9.57	163	3258881	40.126	nq	100
51) 2,6-Dinitrotoluene	9.62	165	796411	44.404	nq	88
52) Acenaphthene	9.87	154	3021966	46.058	nq	99
53) 3-Nitroaniline	9.79	138	674709	30.477	nq	96
54) 2,4-Dinitrophenol	9.89	184	673437	95.016	nq	93
55) Dibenzofuran	10.05	168	3848625	43.115	nq	97
56) 4-Nitrophenol	9.96	139	1440223	83.530	nq	92
57) 2,4-Dinitrotoluene	10.03	165	1056985	47.804	nq	96
58) Fluorene	10.39	166	2841427	41.135	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	829129	45.674	nq	99
60) Diethylphthalate	10.27	149	3210146	41.459	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1303363	38.003	nq	97
62) 4-Nitroaniline	10.40	138	900307	42.980	nq	99
63) Azobenzene	10.54	77	3348900	41.659	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	446560	40.723	nq	88
66) n-Nitrosodiphenylamine	10.50	169	2703798	42.719	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	848422	41.661	nq	96
68) Hexachlorobenzene	10.94	284	875742	42.273	nq	96
69) Atrazine	11.03	200	843683	43.835	nq	99
70) Pentachlorophenol	11.13	266	1059221	70.481	nq	97
71) Phenanthrene	11.35	178	3929212	41.897	nq	99
72) Anthracene	11.40	178	4104371	41.832	nq	98
73) Carbazole	11.55	167	3954799	38.548	nq	98
74) Di-n-butylphthalate	11.89	149	4481558	42.499	nq	99
75) Fluoranthene	12.53	202	3921289	45.772	nq	95
77) Benzidine	12.65	184	1633259	48.226	nq	98
78) Pyrene	12.76	202	4001862	49.098	nq	97
80) Butylbenzylphthalate	13.39	149	1981581	46.545	nq	97
81) Benzo(a)anthracene	13.95	228	2958334	46.490	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	853527	32.725	nq	99
83) Chrysene	13.99	228	2909605	44.353	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2126294	42.031	nq	99
85) Di-n-octyl phthalate	14.56	149	3576626	42.181	nq	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2528052	47.740	nq	100
88) Benzo(b)fluoranthene	14.98	252	2629816	54.033	nq	99
89) Benzo(k)fluoranthene	15.01	252	2202141	48.124	nq	98
90) Benzo(a)pyrene	15.33	252	2286962	51.026	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	2077210	59.006	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2189142	62.121	nq	98

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



#1

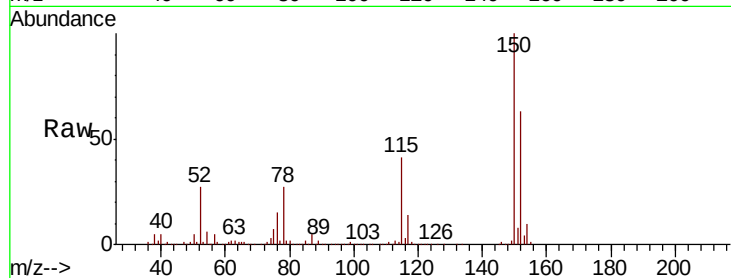
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.6	189.8
115	64.5	50.7	76.1

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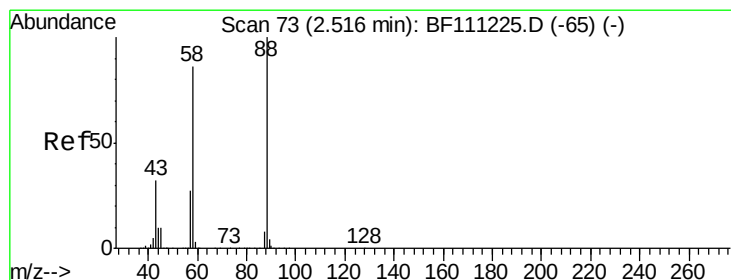
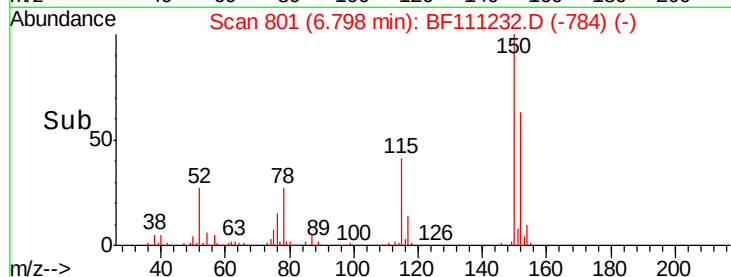
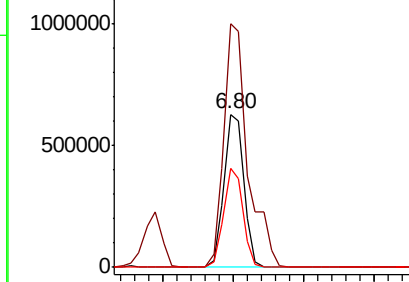


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

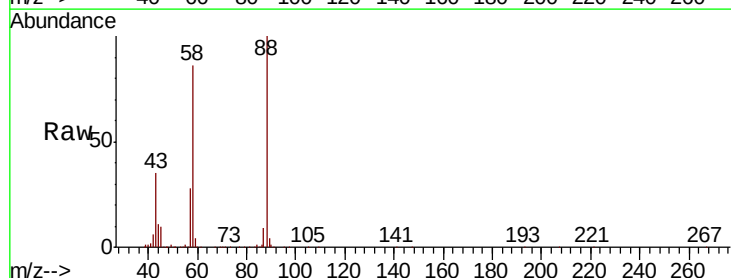
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.918 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.12 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	68.9	103.3
43	32.7	25.8	38.6

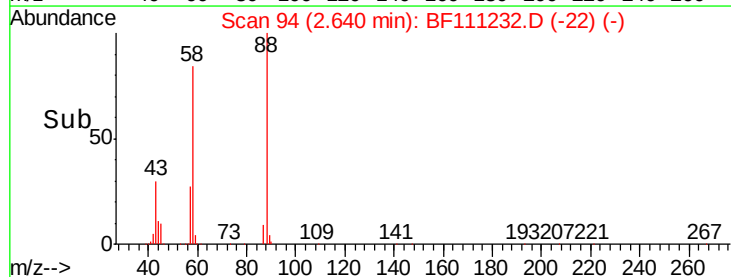
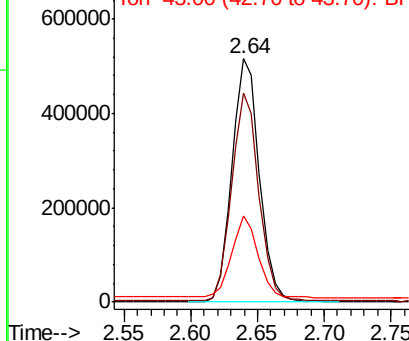


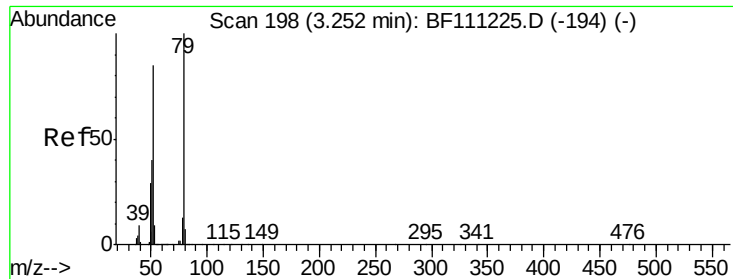
Abundance

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: 38.543 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.12 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion: 79 Resp: 2051430

Ion Ratio Lower Upper

79 100

52 84.9 68.3 102.5

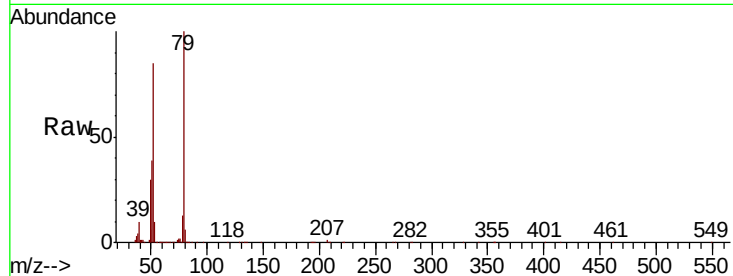
51 39.2 32.6 49.0

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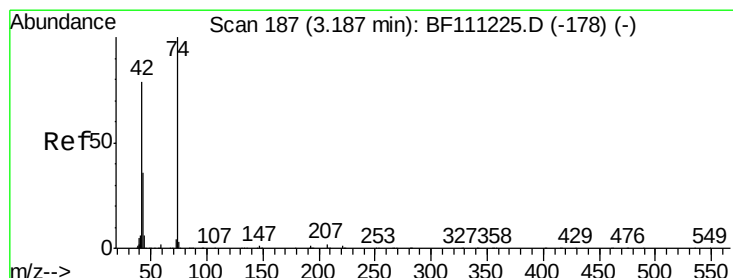
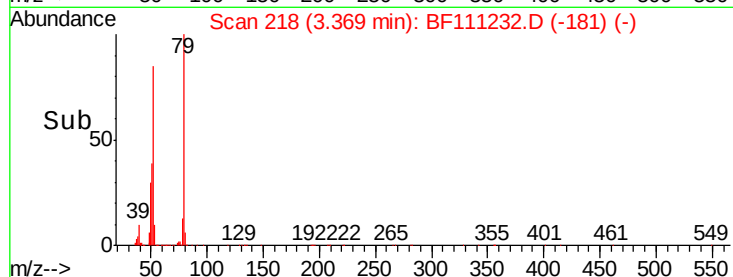
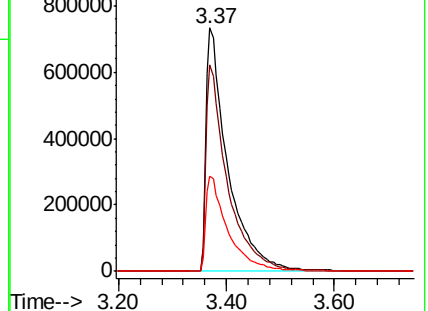
12/11/2018 8:42:23 AM



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 45.373 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.12 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

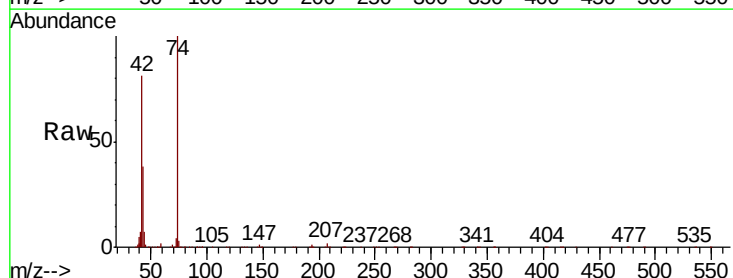
Tgt Ion: 42 Resp: 1029645

Ion Ratio Lower Upper

42 100

74 123.4 101.5 152.3

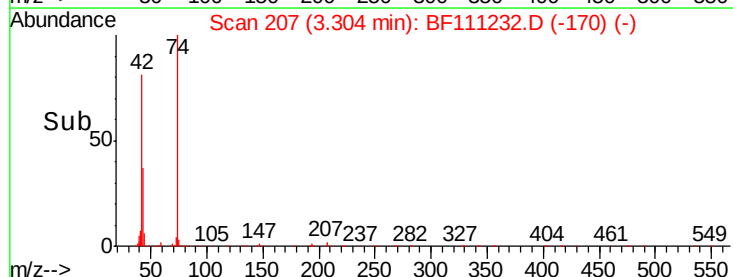
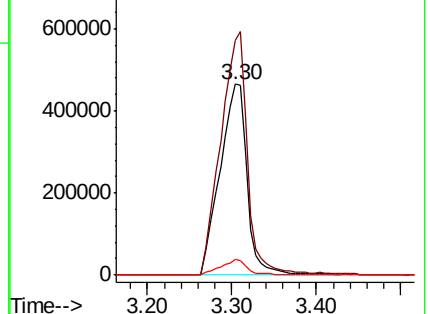
44 8.0 6.0 9.0

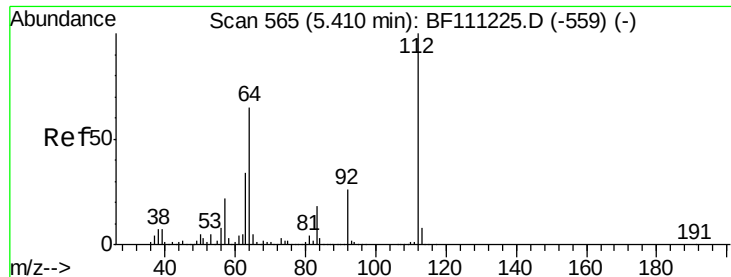


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.840 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion:112 Resp: 4327950

Ion Ratio Lower Upper

112 100

64 64.9 51.8 77.6

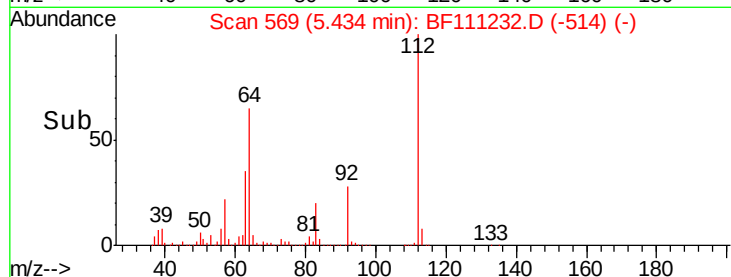
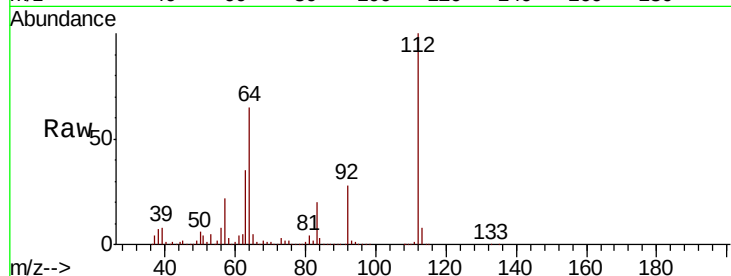
63 34.8 26.8 40.2

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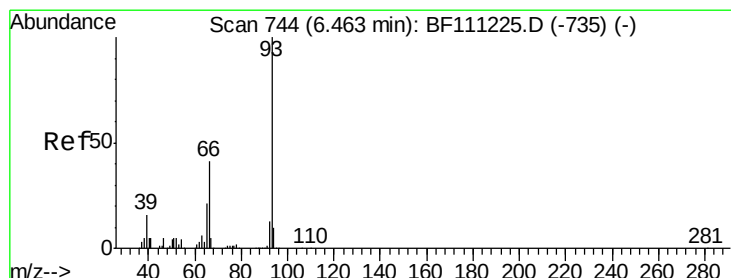
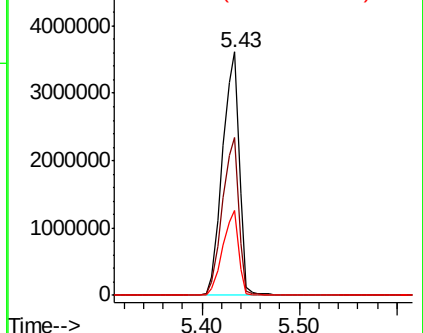
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.579 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

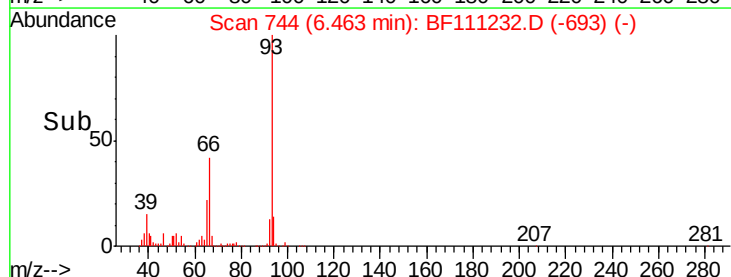
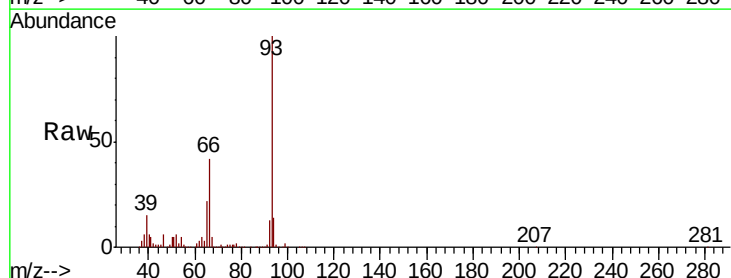
Tgt Ion: 93 Resp: 2107839

Ion Ratio Lower Upper

93 100

66 41.8 33.2 49.8

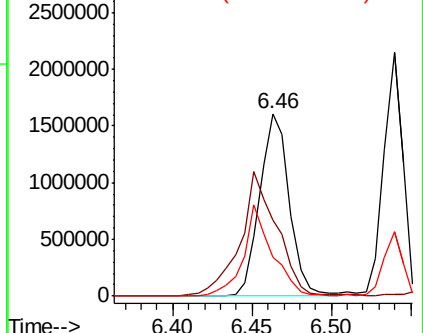
65 21.6 17.0 25.4

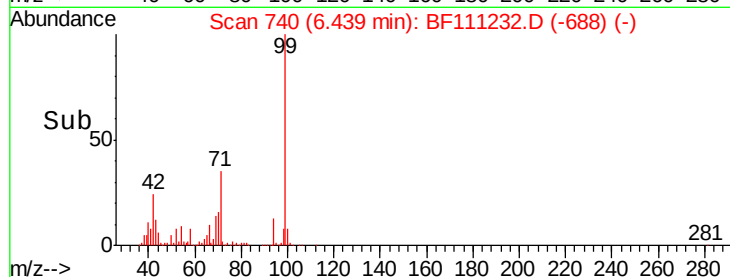
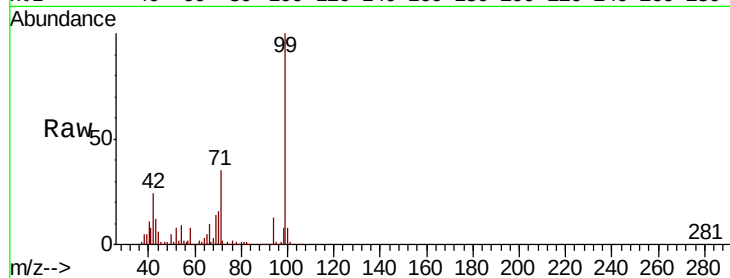
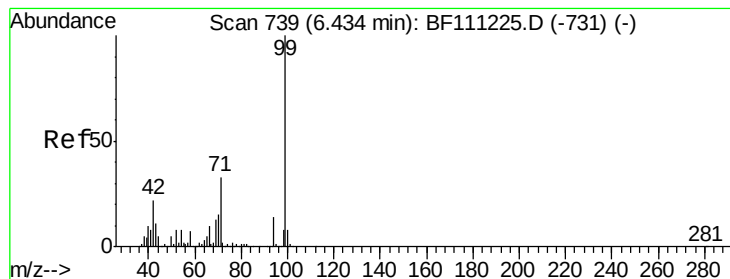


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.093 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Tot Ion: 99 Resp: 5487918

Ion Ratio Lower Upper

99 100

42 23.6 17.4 26.0

71 35.1 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

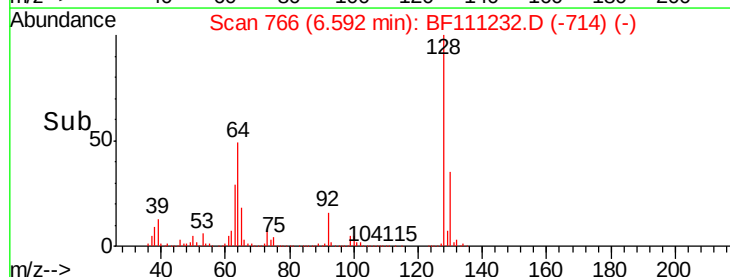
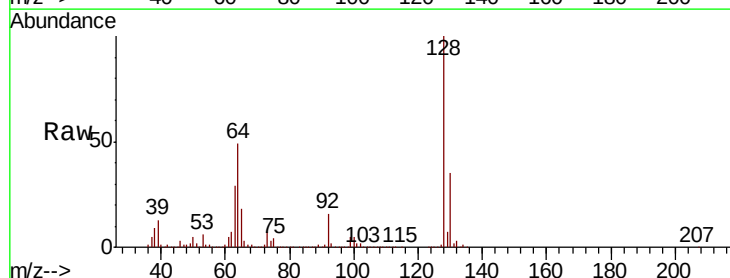
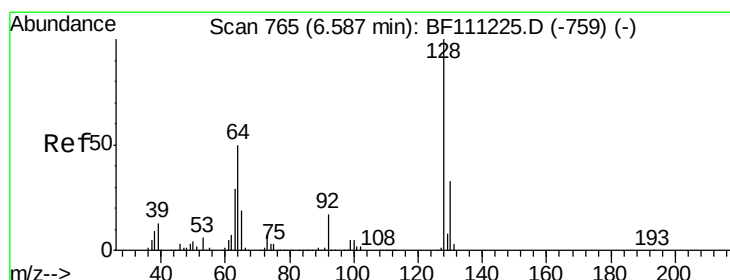
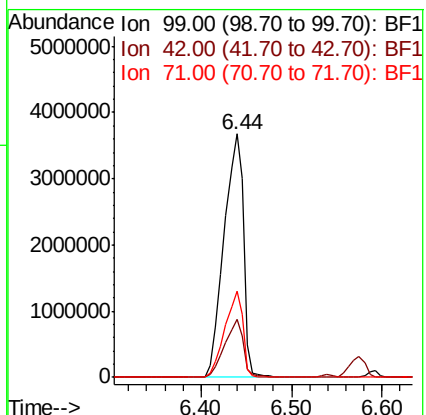
PB115080BS

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#8

2-Chlorophenol

Concen: 39.754 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

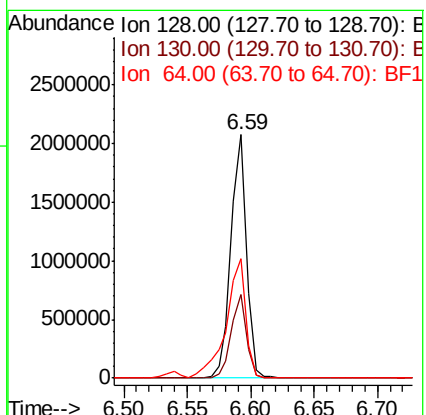
Tgt Ion:128 Resp: 1764422

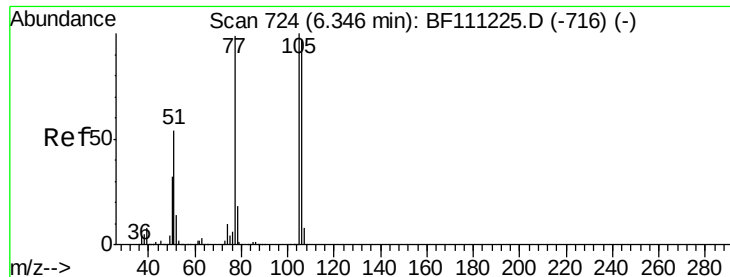
Ion Ratio Lower Upper

128 100

130 34.5 12.7 52.7

64 48.9 30.0 70.0





#9

Benzaldehyde

Concen: 21.133 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

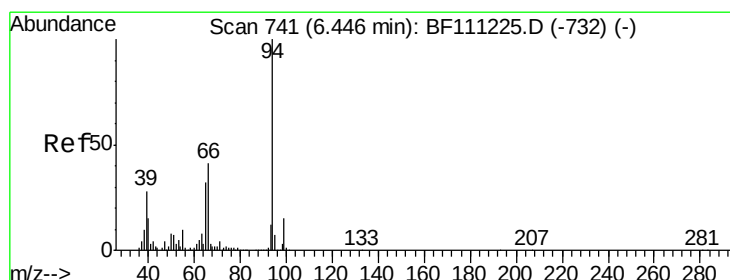
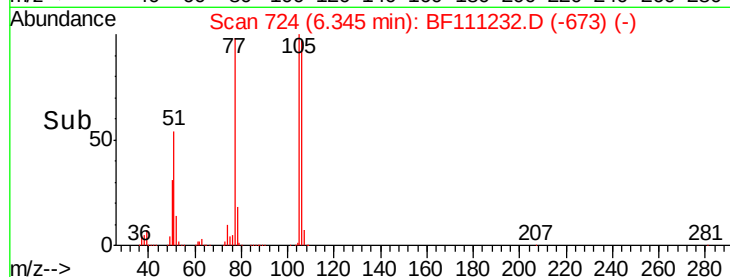
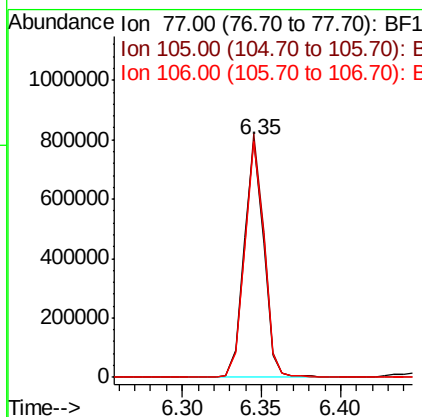
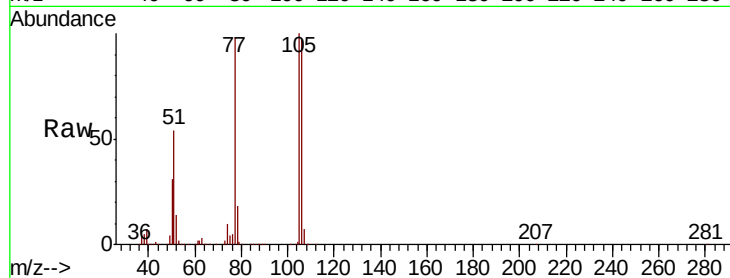
ClientSampled :

PB115080BS

Tot Ion:	77	Resp:	682239
Ion	Ratio	Lower	Upper
77	100		
105	102.4	81.4	121.4
106	99.4	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 38.383 ng

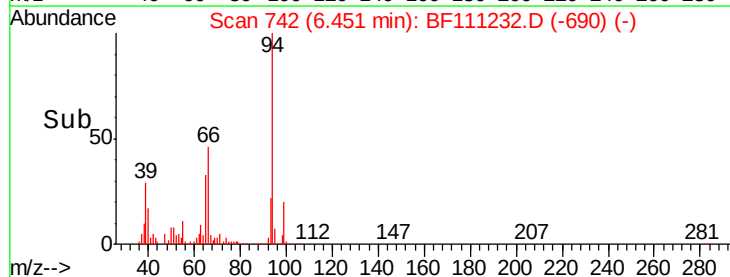
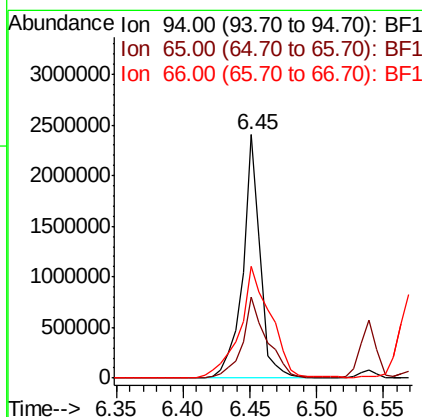
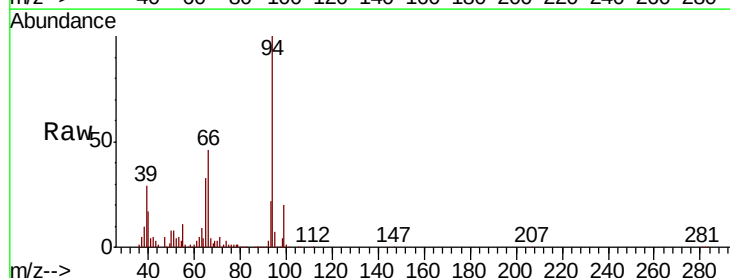
RT: 6.45 min Scan# 742

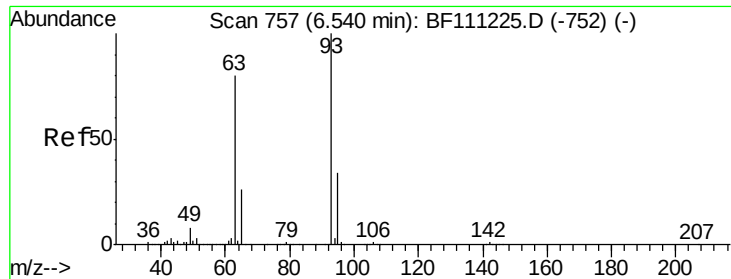
Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Tgt Ion:	94	Resp:	2177876
Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.7	51.7
66	45.7	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 41.137 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion: 93 Resp: 1805202

Ion Ratio Lower Upper

93 100

63 82.4 60.0 100.0

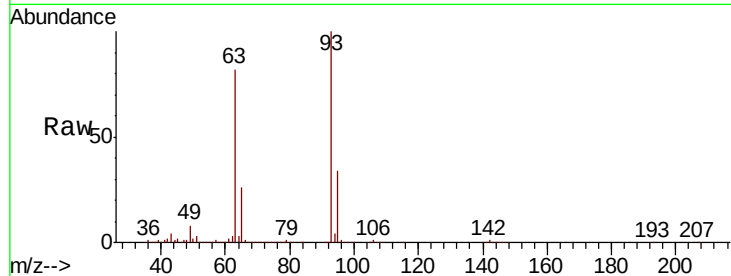
95 34.3 13.4 53.4

Manual Integrations

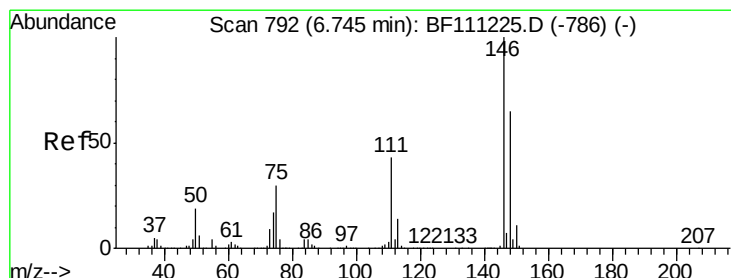
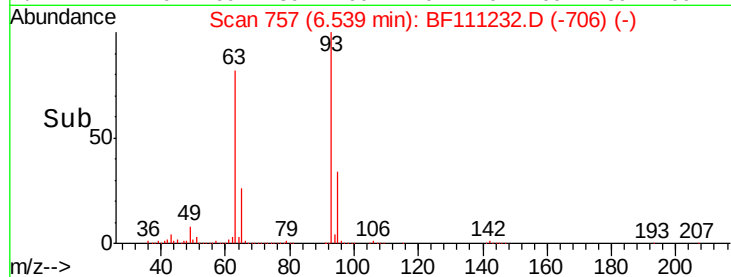
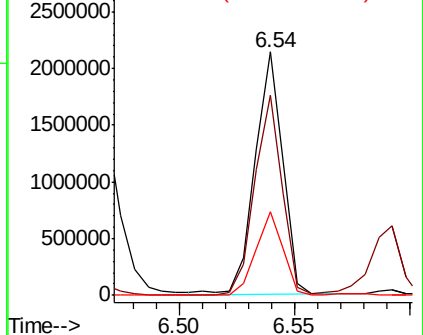
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Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.463 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

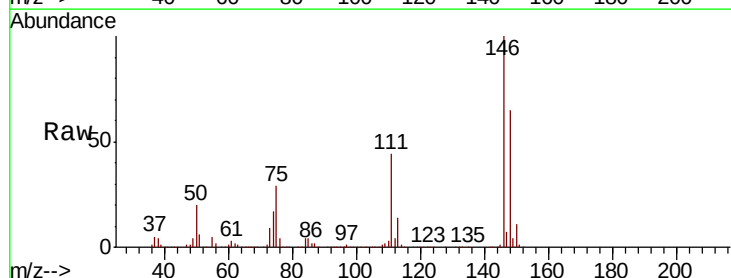
Tgt Ion: 146 Resp: 1881982

Ion Ratio Lower Upper

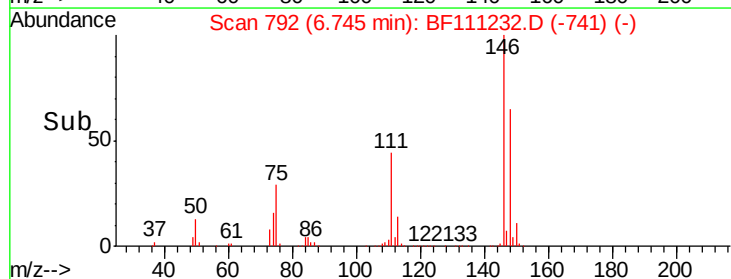
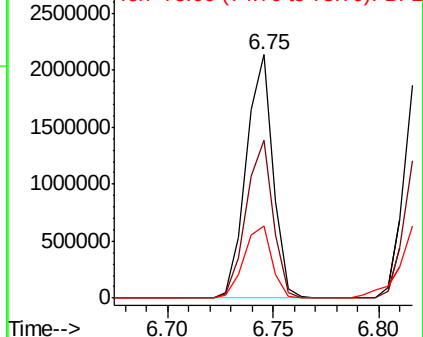
146 100

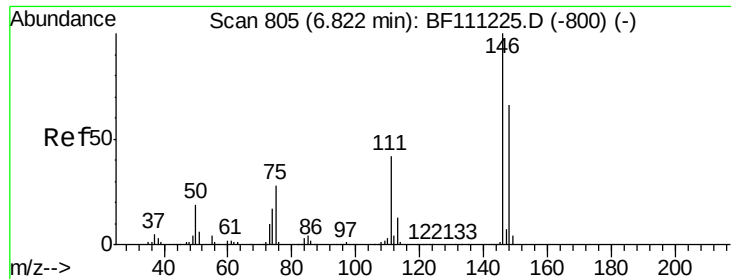
148 65.1 52.1 78.1

75 29.4 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





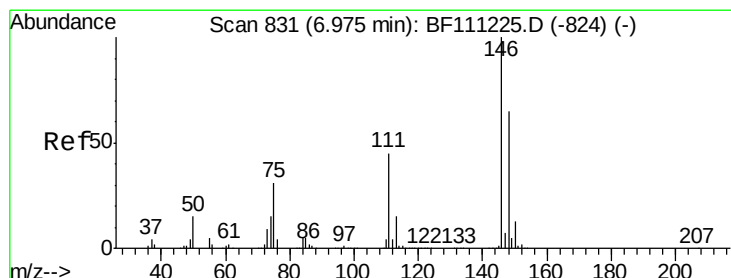
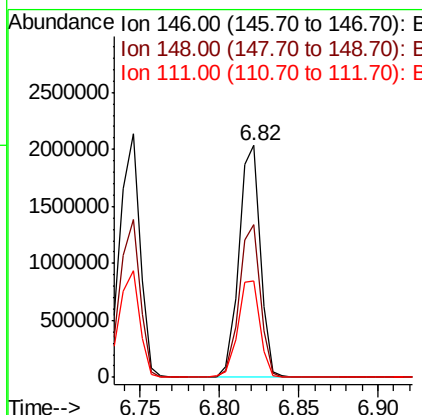
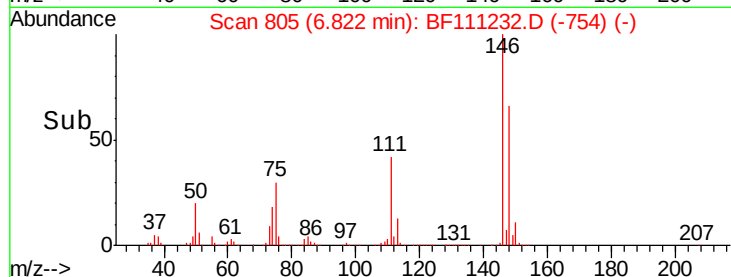
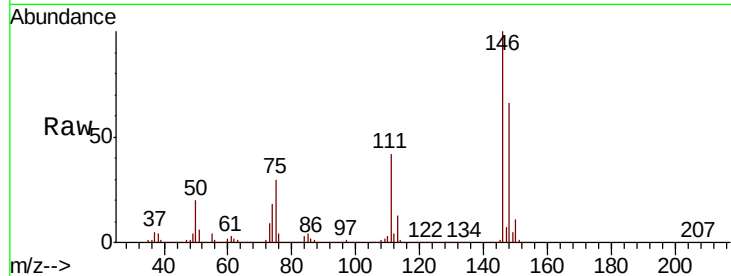
#13
1,4-Dichlorobenzene
Concen: 39.456 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion:146 Resp: 1899957
Ion Ratio Lower Upper
146 100
148 65.7 52.8 79.2
111 41.6 33.4 50.0

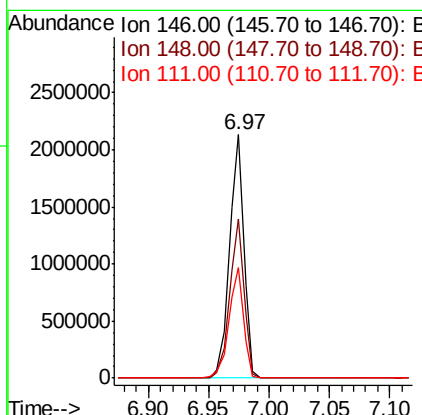
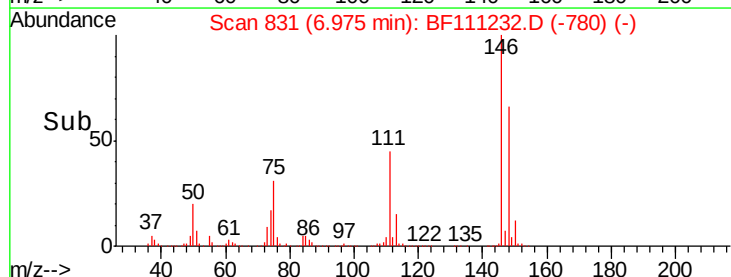
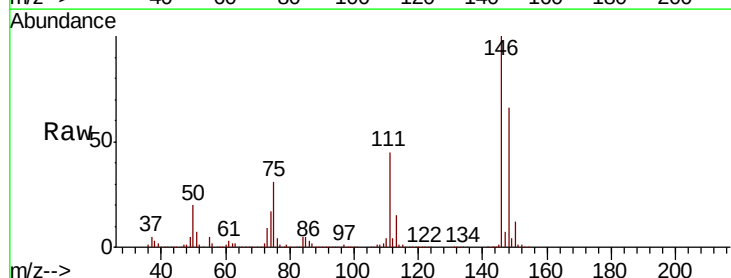
Manual Integrations
APPROVED

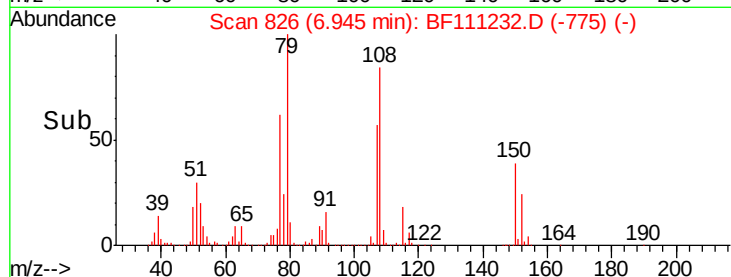
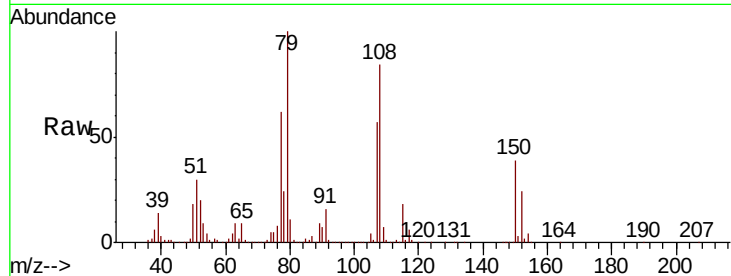
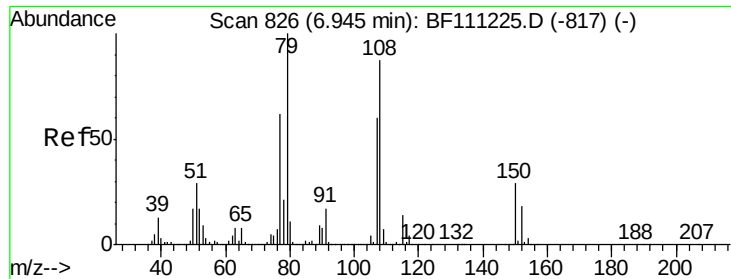
Sohil
12/11/2018 8:42:23 AM



#14
1,2-Dichlorobenzene
Concen: 39.280 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:146 Resp: 1764147
Ion Ratio Lower Upper
146 100
148 65.5 51.9 77.9
111 45.5 36.2 54.4





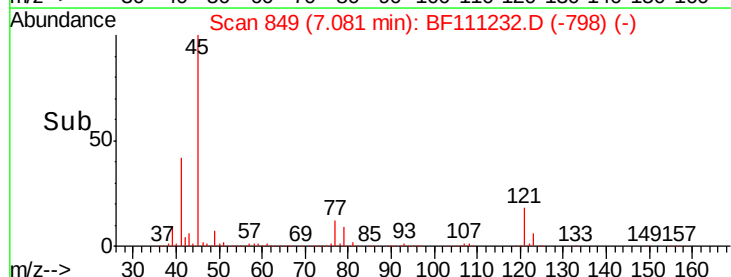
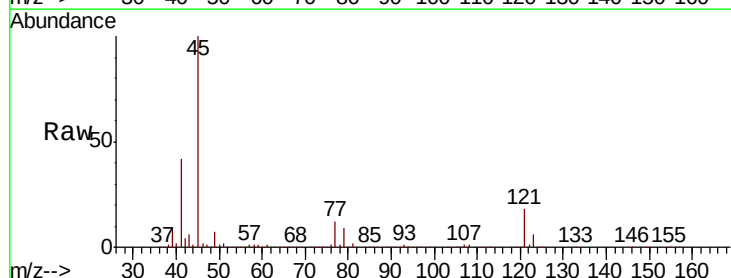
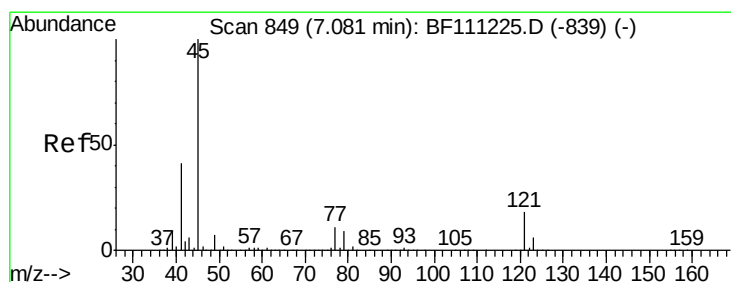
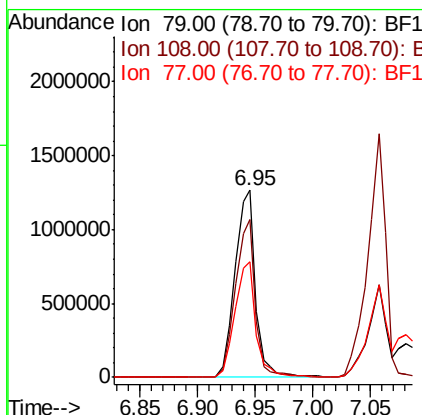
#15
Benzyl Alcohol
Concen: 40.679 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tot Ion: 79 Resp: 1562115
Ion Ratio Lower Upper
79 100
108 84.3 69.4 104.2
77 62.0 49.7 74.5

Instrument :
BNA_F
ClientSampleId :
PB115080BS

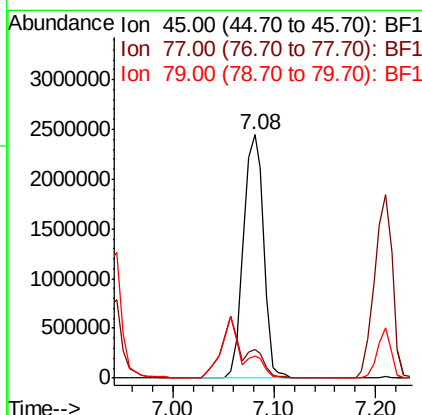
Manual Integrations
APPROVED

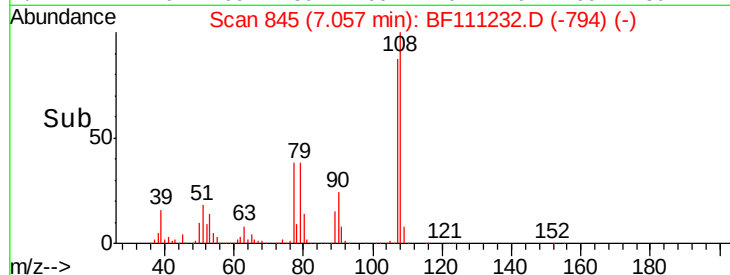
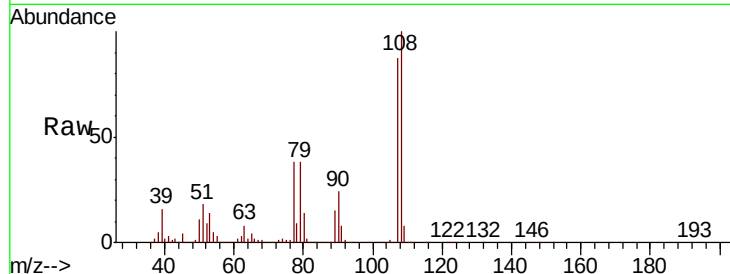
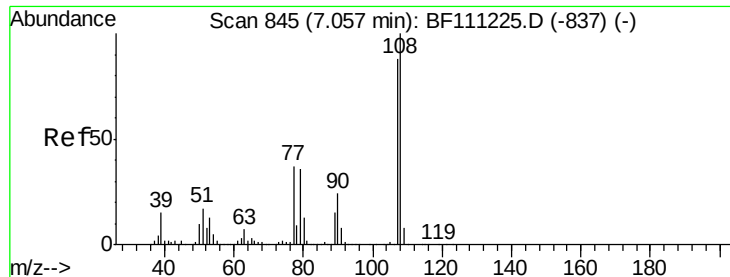
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.950 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion: 45 Resp: 3364399
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.5
79 9.2 0.0 28.9





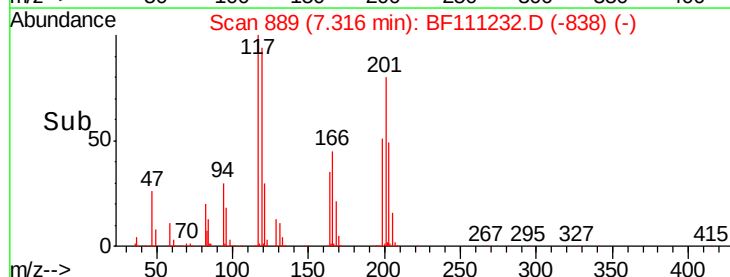
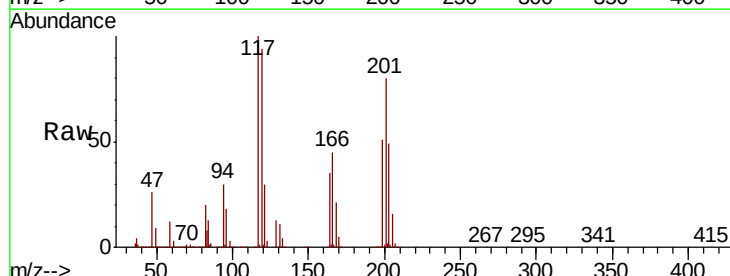
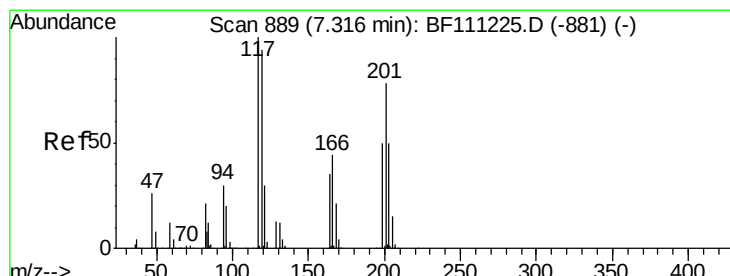
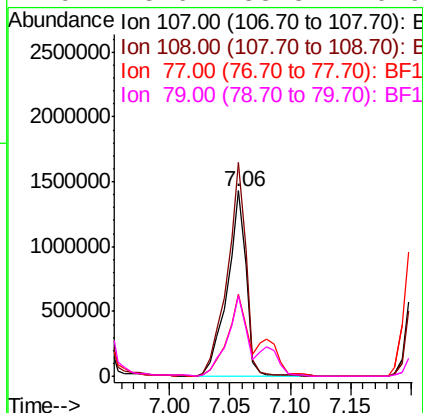
#17
2-Methylphenol
Concen: 42.466 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	91.0	136.4
77	43.9	33.5	50.3
79	43.6	33.3	49.9

Instrument :
BNA_F
ClientSampleId :
PB115080BS

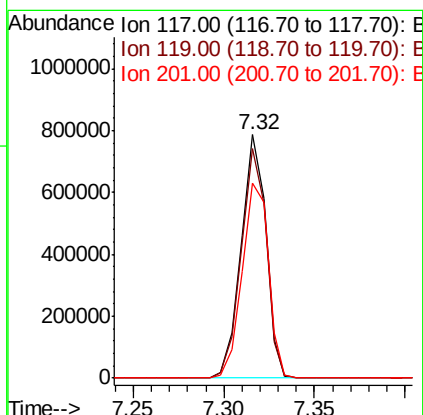
Manual Integrations
APPROVED

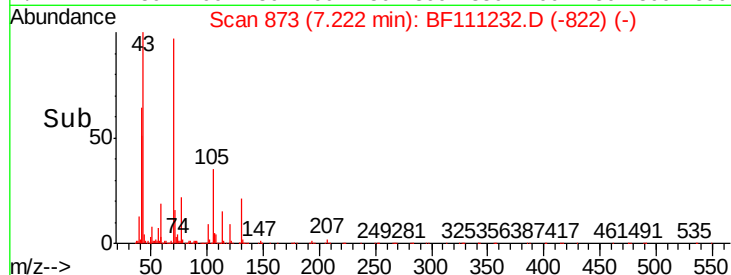
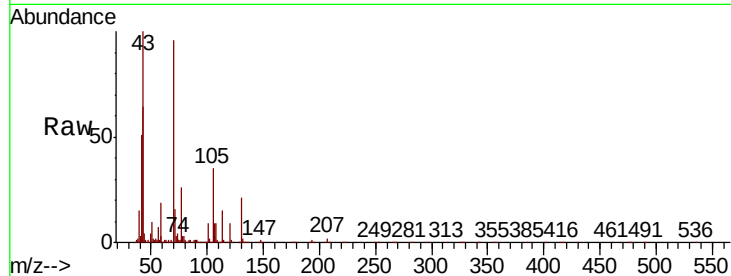
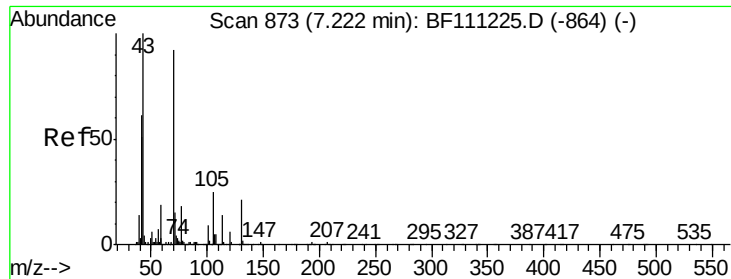
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#18
Hexachloroethane
Concen: 40.942 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.4	113.0
201	80.2	62.4	93.6





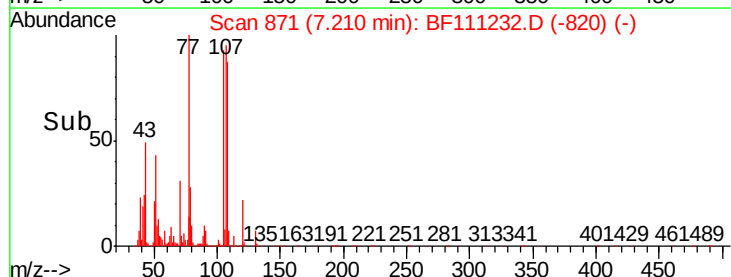
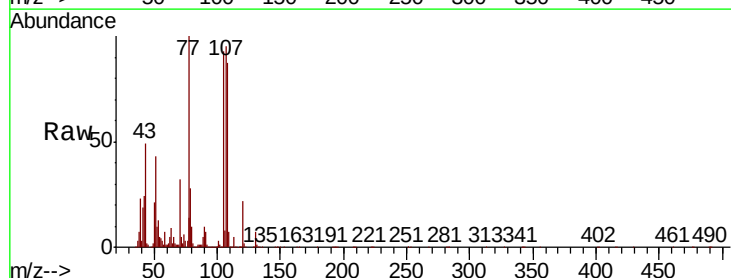
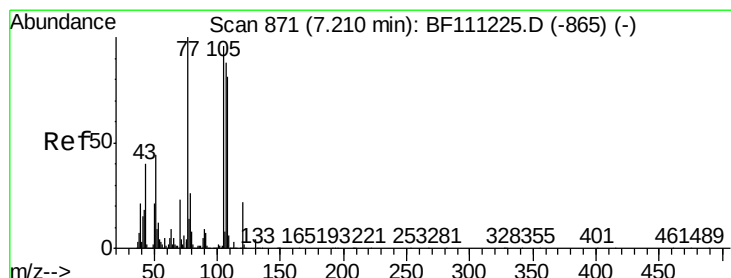
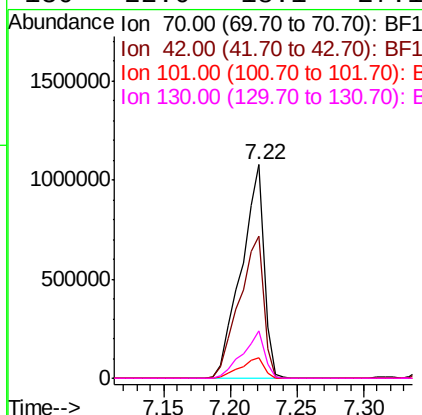
#19
n-Nitroso-di-n-propylamine
Concen: 39.093 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.7	53.2	79.8	
101	9.4	8.2	12.4	
130	22.0	18.1	27.1	

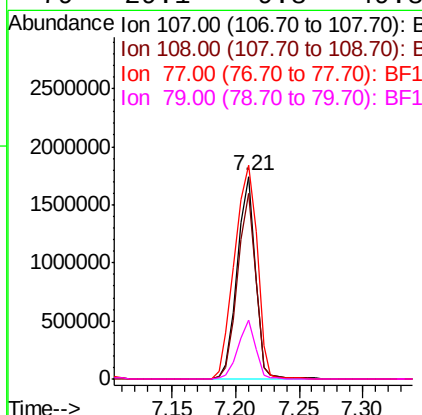
Manual Integrations
APPROVED

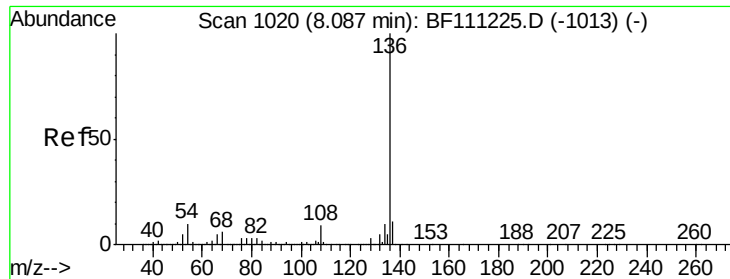
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#20
3+4-Methylphenols
Concen: 39.586 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	72.1	112.1	
77	105.5	94.1	134.1	
79	29.1	9.8	49.8	





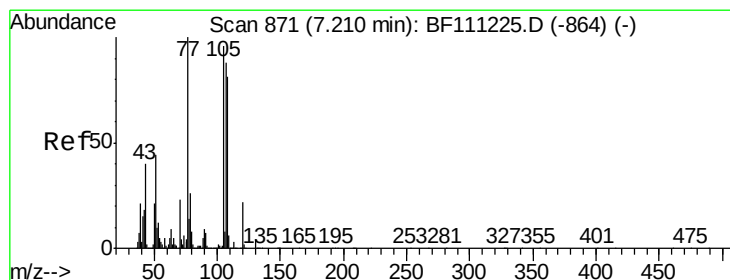
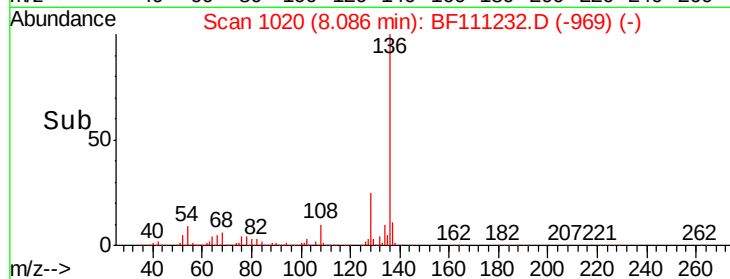
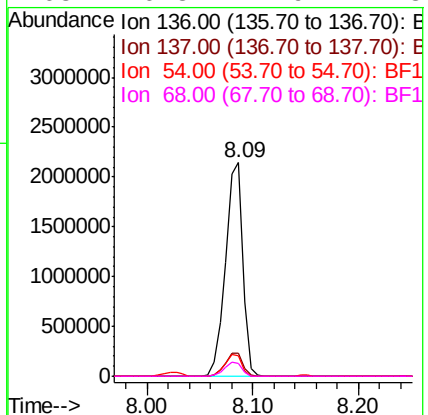
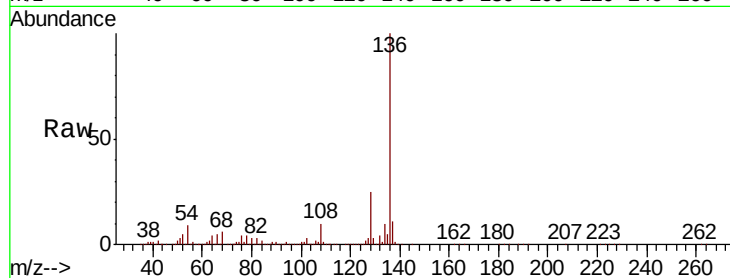
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.4	7.7	11.5
68	6.3	4.9	7.3

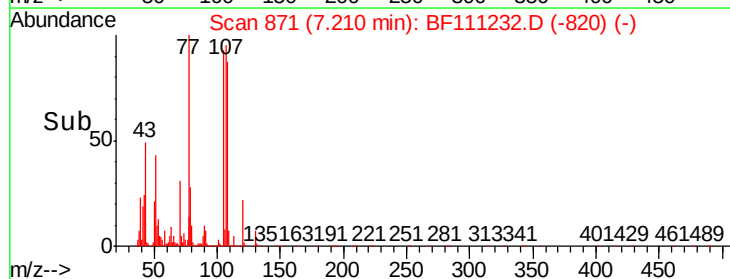
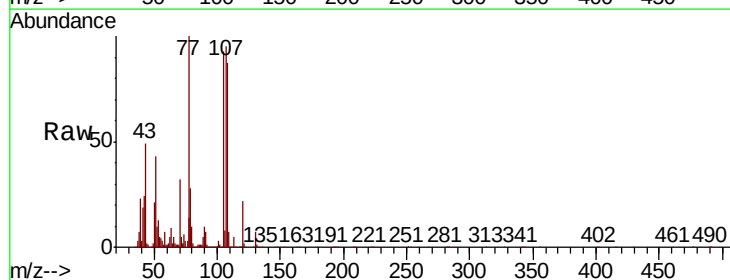
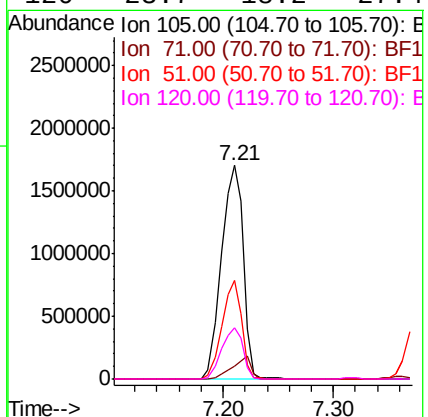
Manual Integrations
APPROVED

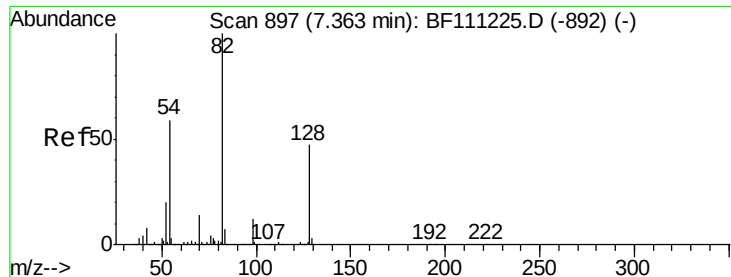
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#22
Acetophenone
Concen: 42.274 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.1	4.7#
51	46.1	36.6	54.8
120	23.7	18.2	27.4





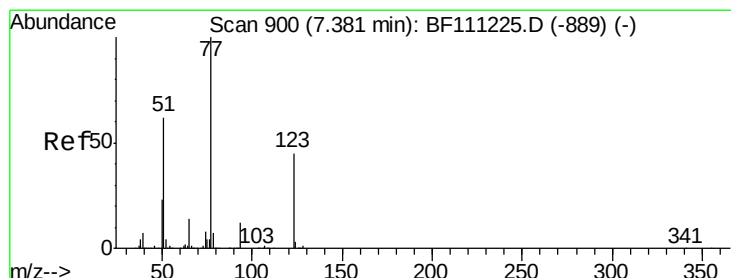
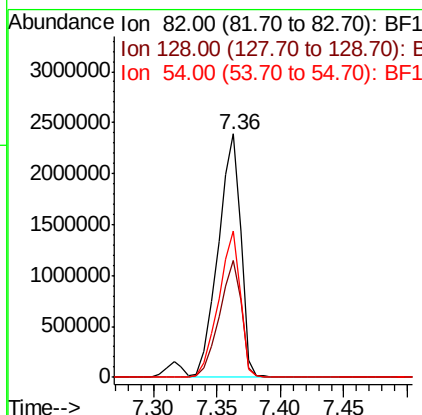
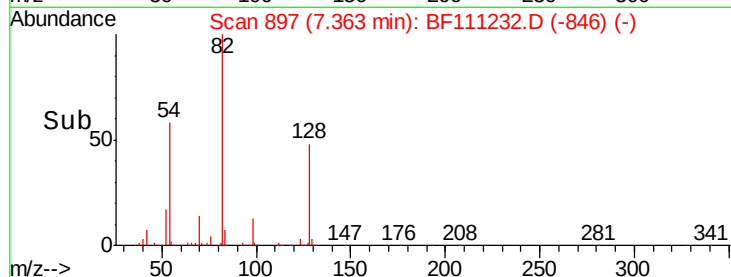
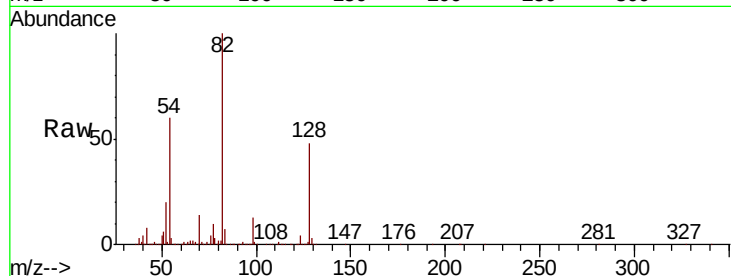
#23
Nitrobenzene-d5
Concen: 68.725 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.2
54	60.1	47.6	71.4

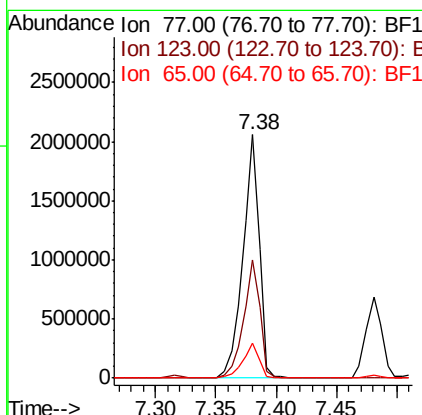
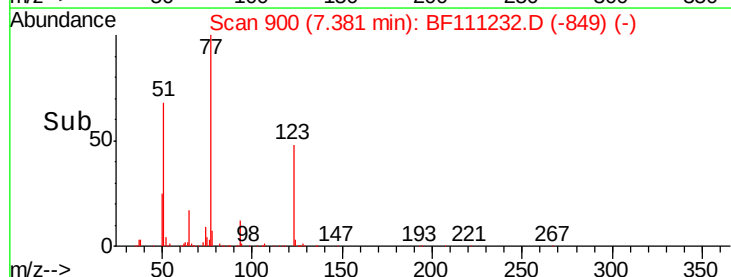
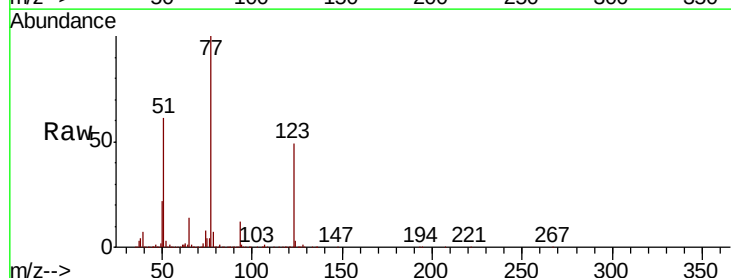
Manual Integrations
APPROVED

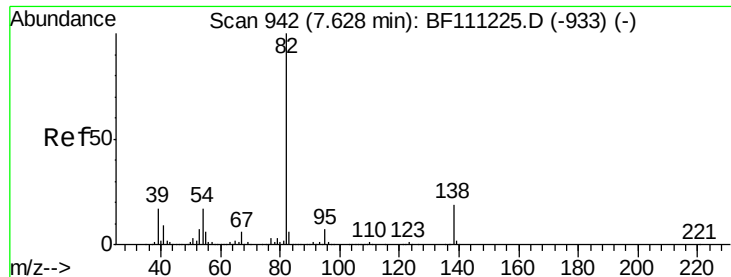
Sohil
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#24
Nitrobenzene
Concen: 43.271 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.6	37.2	55.8
65	14.3	11.5	17.3





#25

Isophorone

Concen: 48.322 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion: 82 Resp: 3554036

Ion Ratio Lower Upper

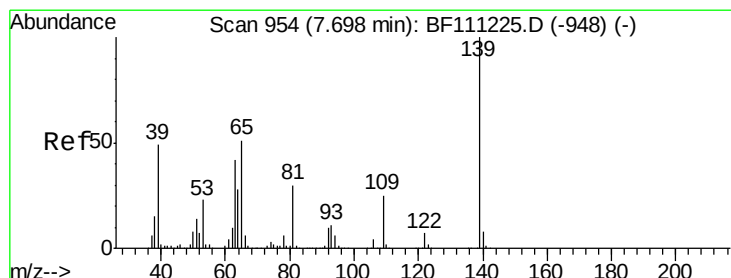
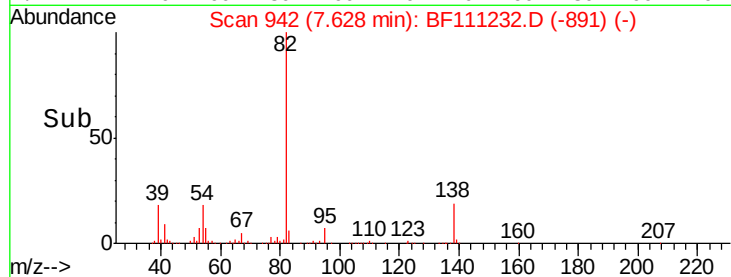
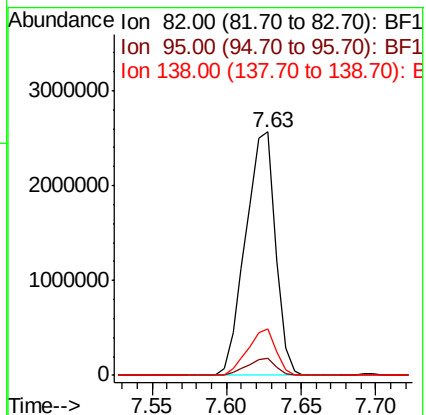
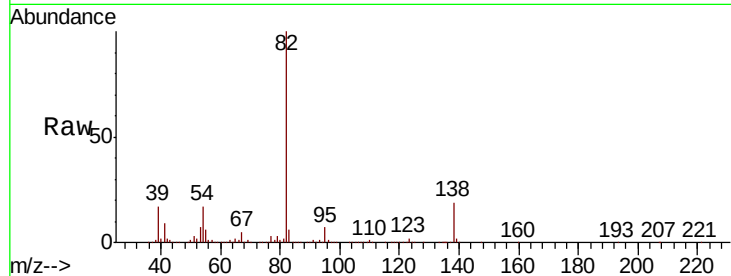
82 100

95 6.9 5.4 8.2

138 19.3 15.1 22.7

Manual Integrations
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12/11/2018 8:42:23 AM



#26

2-Nitrophenol

Concen: 43.379 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

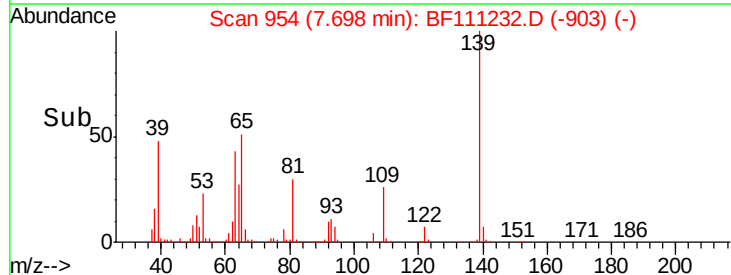
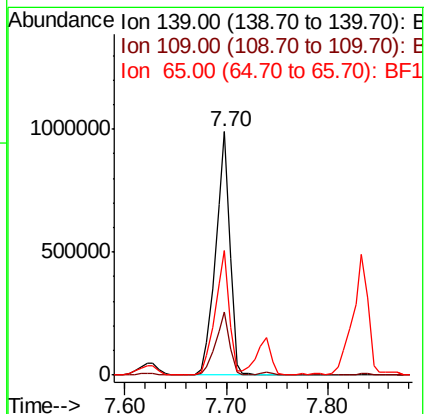
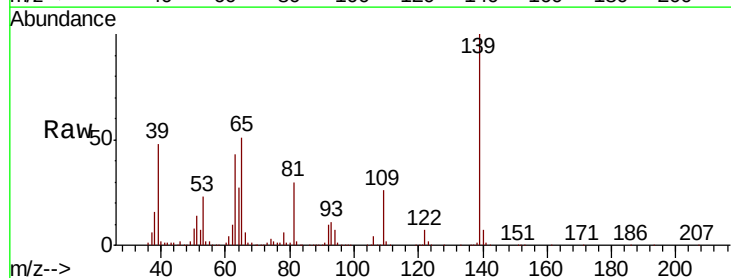
Tgt Ion: 139 Resp: 968643

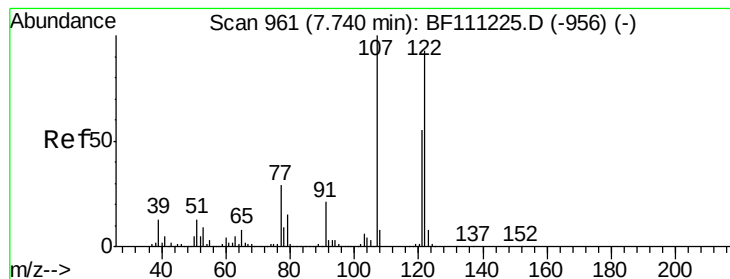
Ion Ratio Lower Upper

139 100

109 25.9 20.2 30.4

65 51.3 40.7 61.1





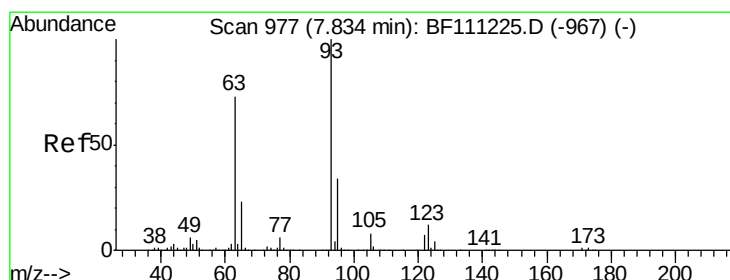
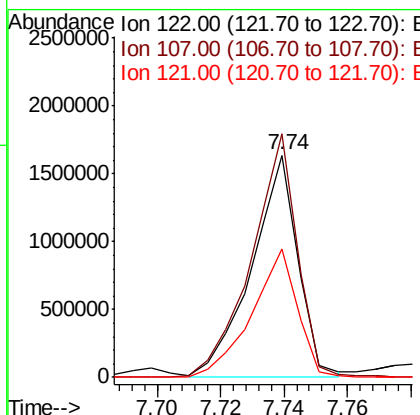
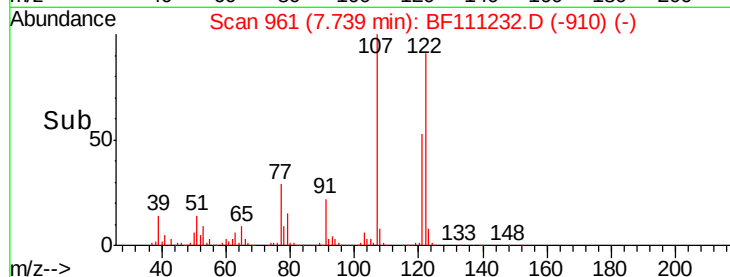
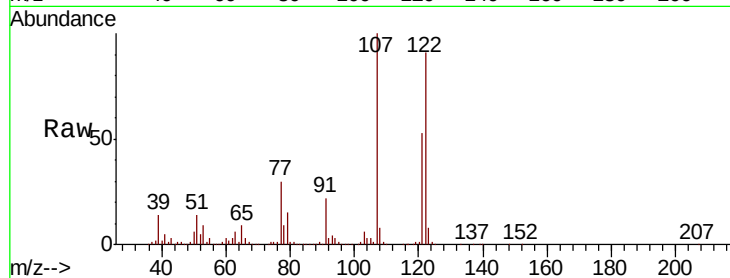
#27
 2,4-Dimethylphenol
 Concen: 47.918 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB115080BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.7	85.5	128.3
121	57.9	46.6	70.0

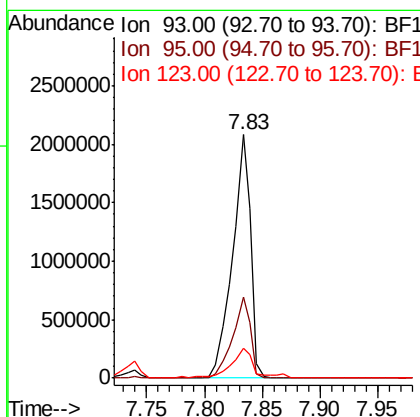
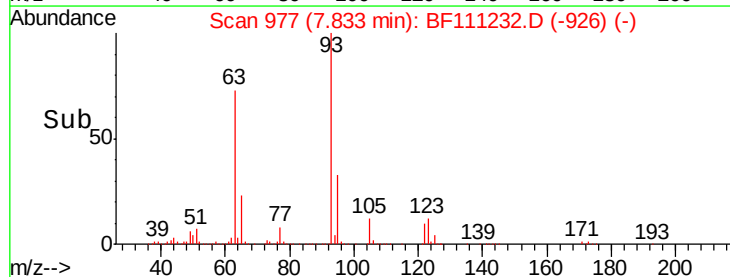
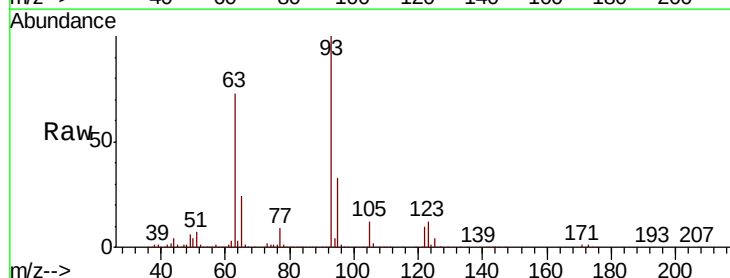
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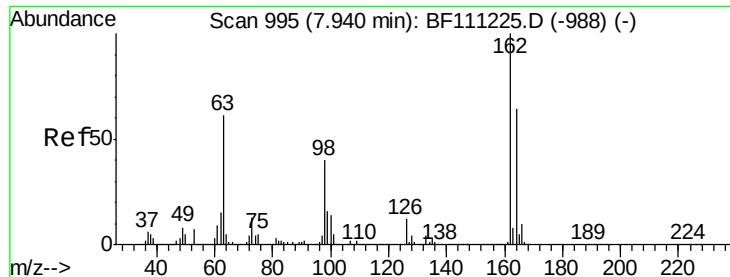
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.126 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	27.1	40.7
123	12.3	9.9	14.9





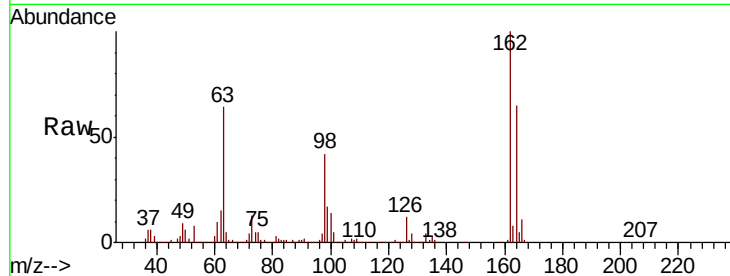
#29
2,4-Dichlorophenol
Concen: 42.010 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.4	84.4
98	41.7	20.3	60.3

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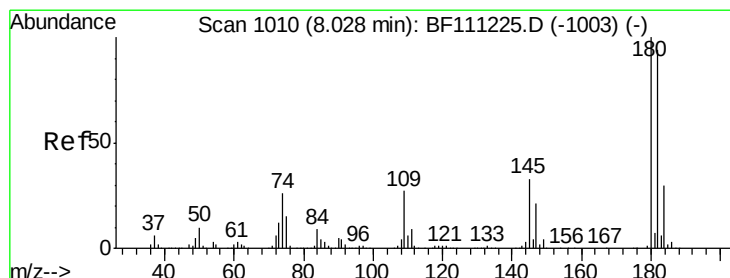
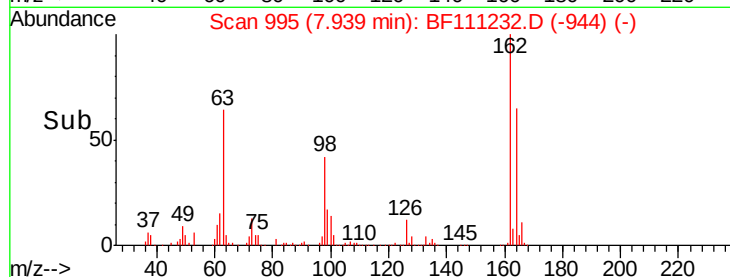
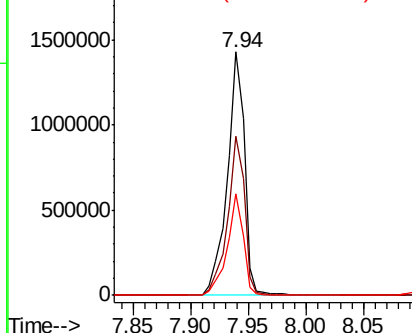


Abundance

Ion 162.00 (161.70 to 162.70): E

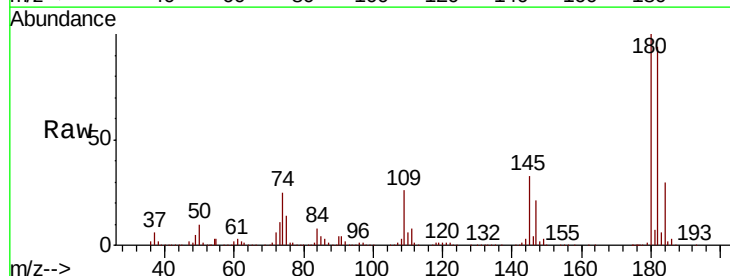
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.721 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.6	113.4
145	32.9	26.7	40.1

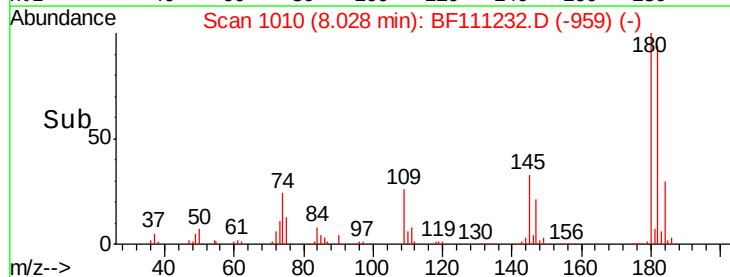
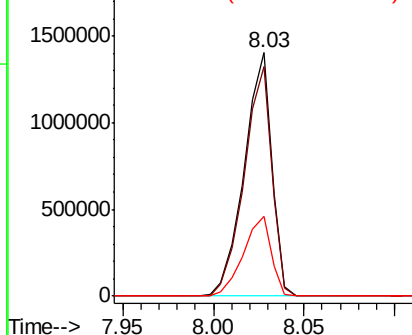


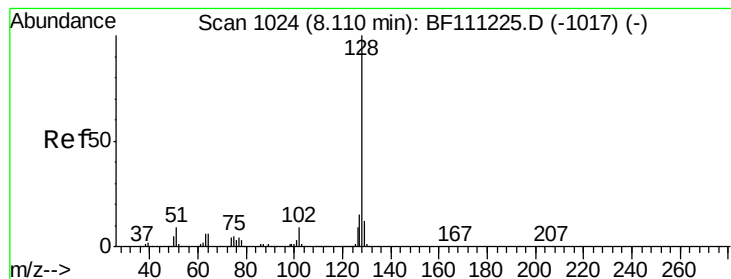
Abundance

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: 45.878 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion:128 Resp: 4849674

Ion Ratio Lower Upper

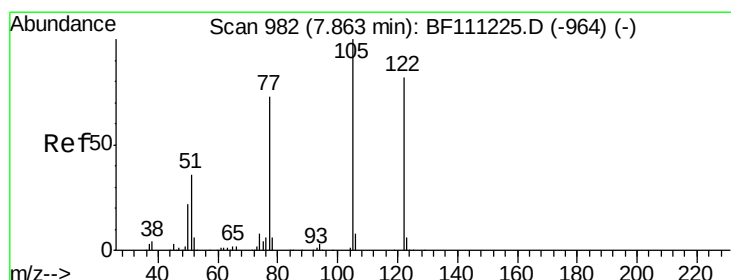
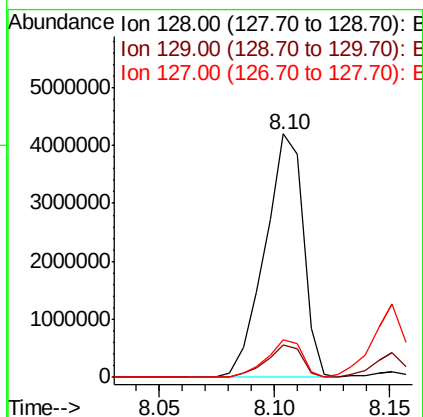
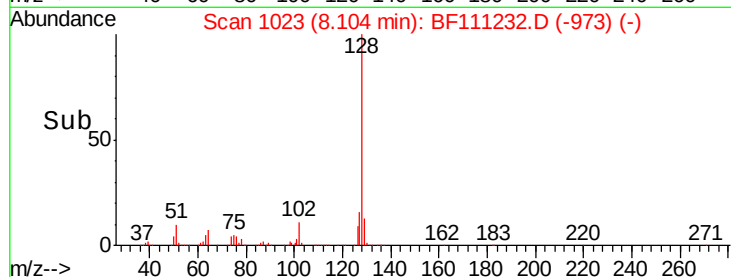
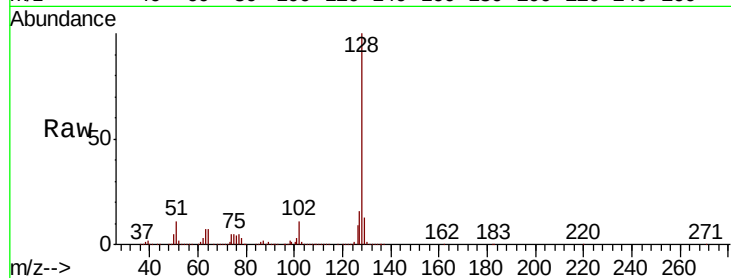
128 100

129 13.1 9.8 14.8

127 15.5 12.0 18.0

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#32

Benzoic acid

Concen: 44.637 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

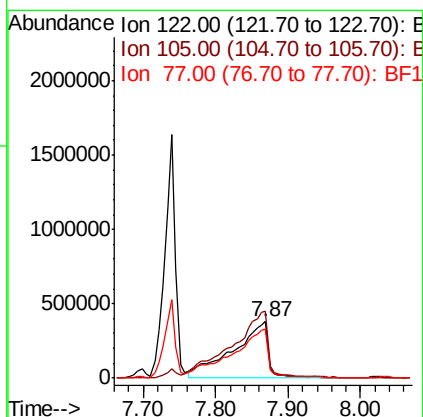
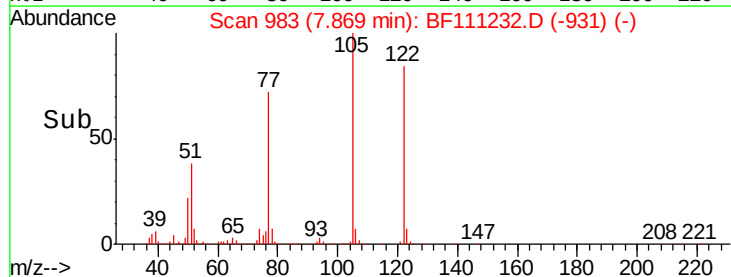
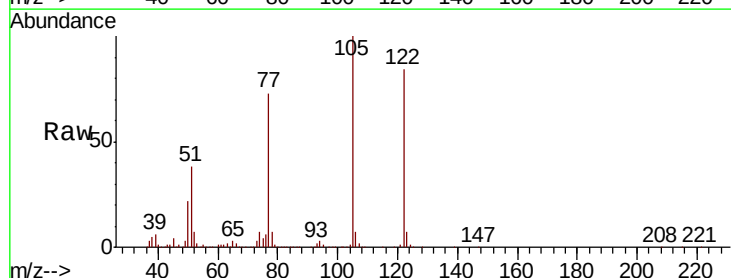
Tgt Ion:122 Resp: 1273651

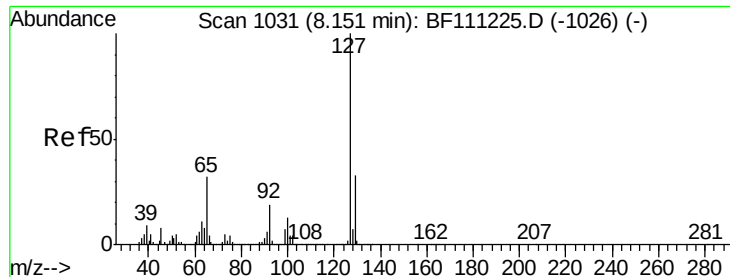
Ion Ratio Lower Upper

122 100

105 118.6 97.0 137.0

77 86.4 65.7 105.7





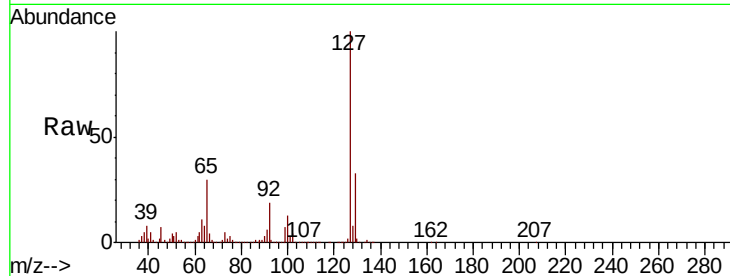
#33
4-Chloroaniline
Concen: 25.482 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	39.8
65	29.8	25.7	38.5
92	18.9	15.4	23.2

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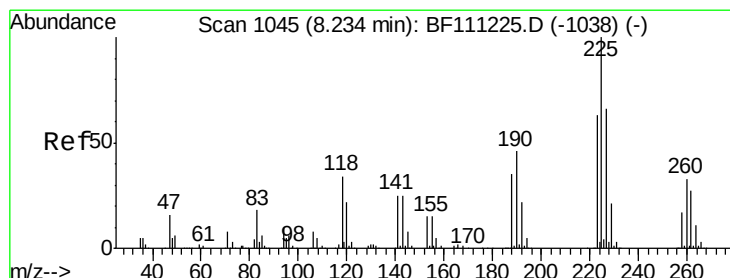
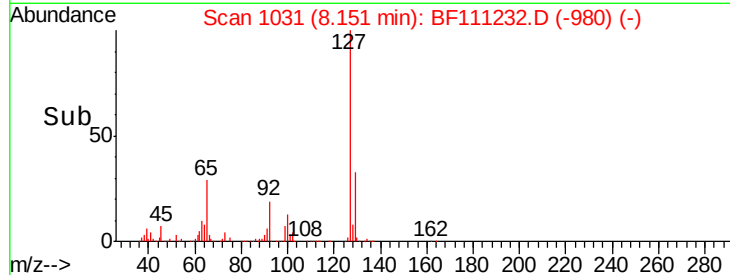
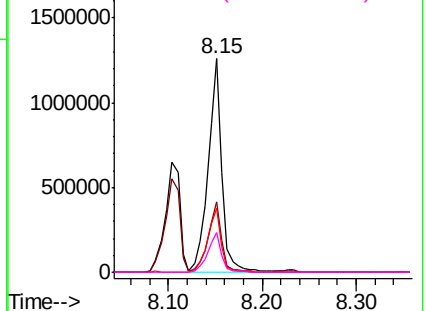
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

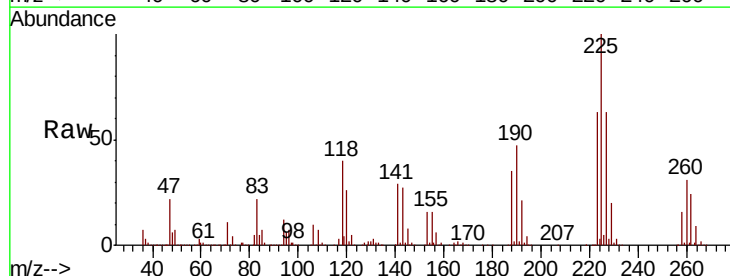
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.895 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.7	76.1
227	63.4	52.6	78.8

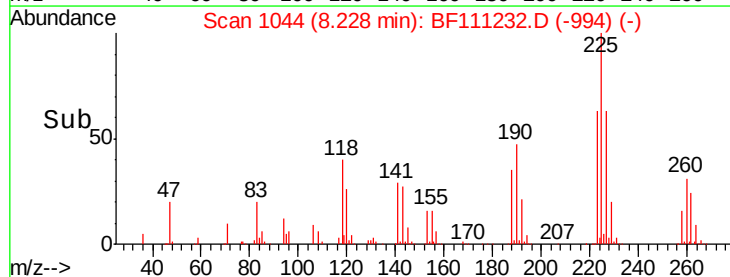
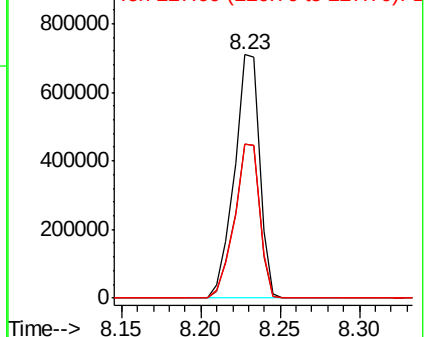


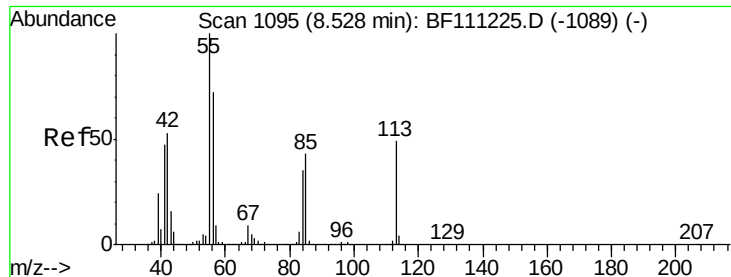
Abundance

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





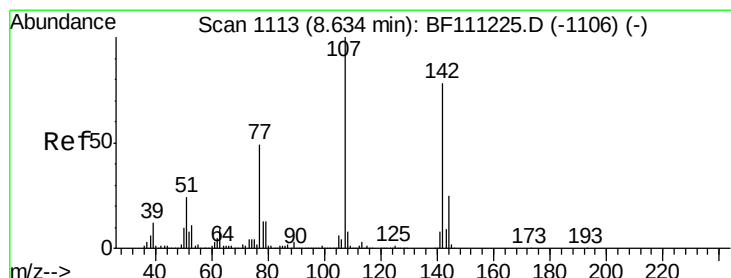
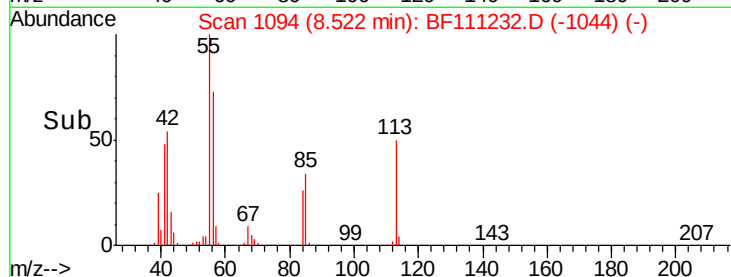
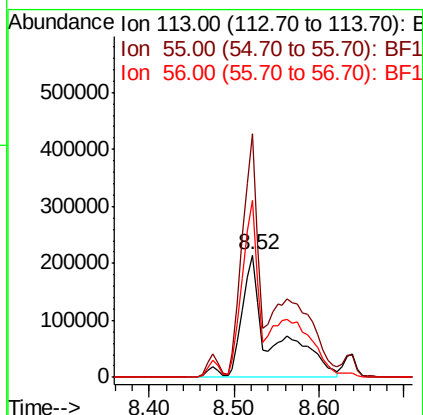
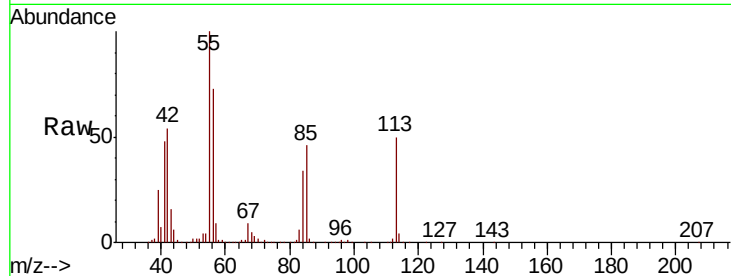
#35
 Caprolactam
 Concen: 42.501 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB115080BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	199.6	184.1	224.1
56	145.3	126.0	166.0

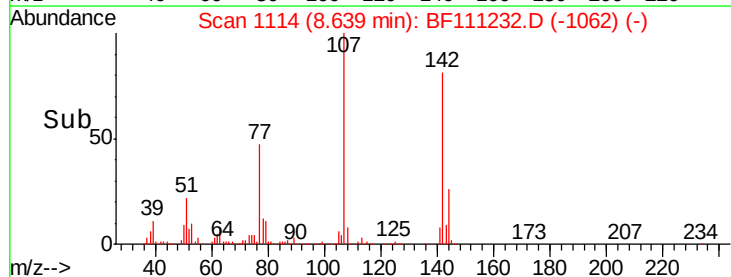
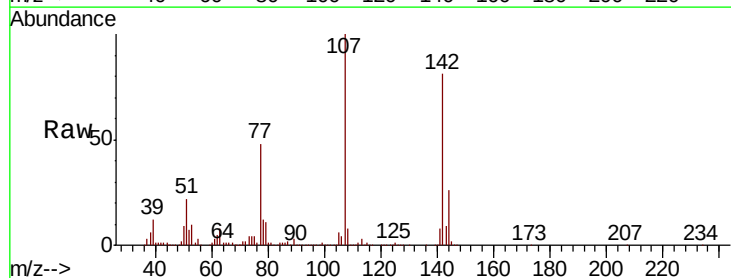
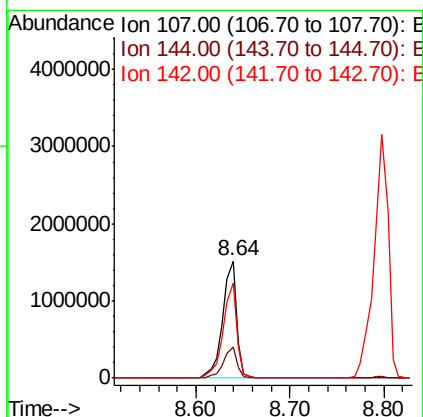
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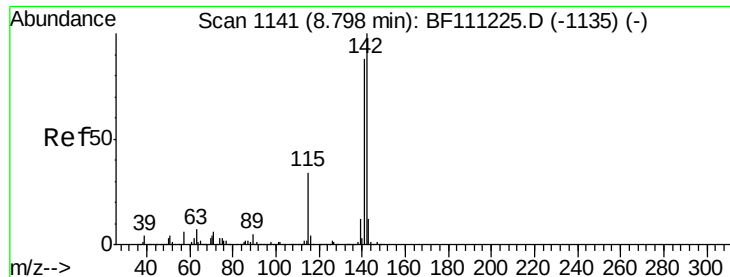
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#36
 4-Chloro-3-methylphenol
 Concen: 43.874 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.8	29.6
142	81.3	62.3	93.5





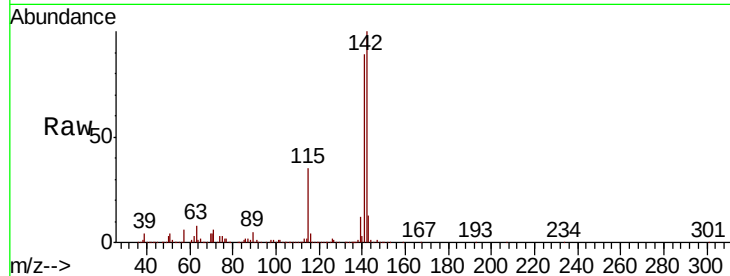
#37
2-Methylnaphthalene
Concen: 47.428 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

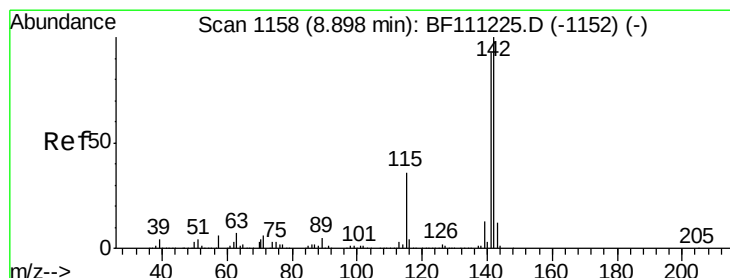
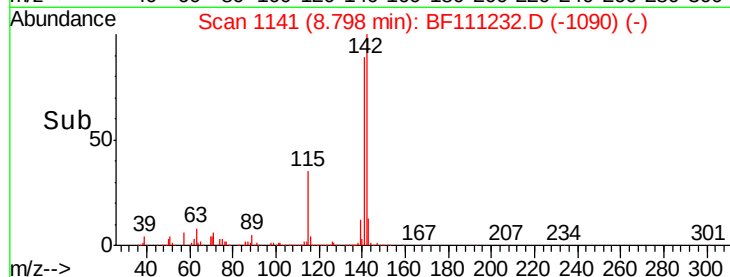
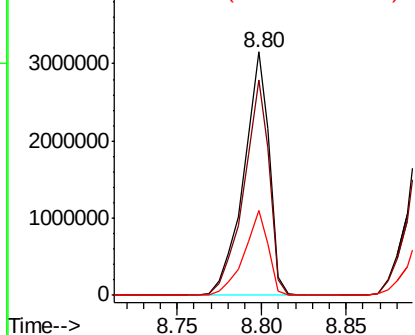
Tot Ion:142 Resp: 3328569
Ion Ratio Lower Upper
142 100
141 88.7 70.6 105.8
115 35.0 27.0 40.6

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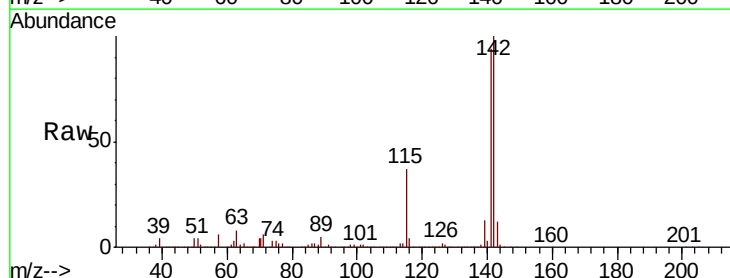


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

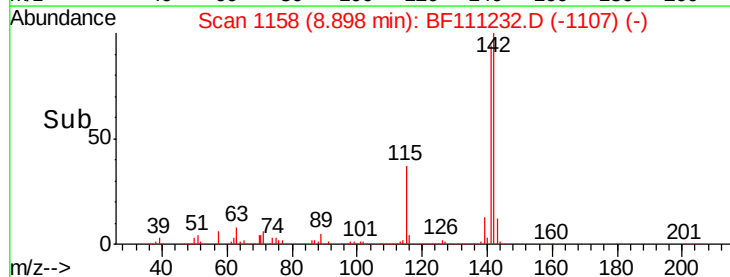
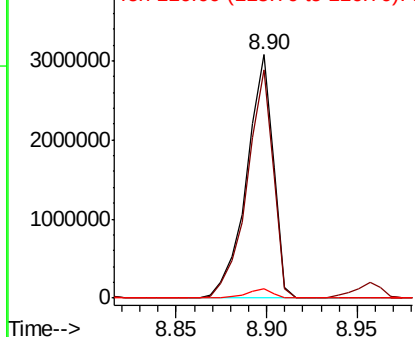


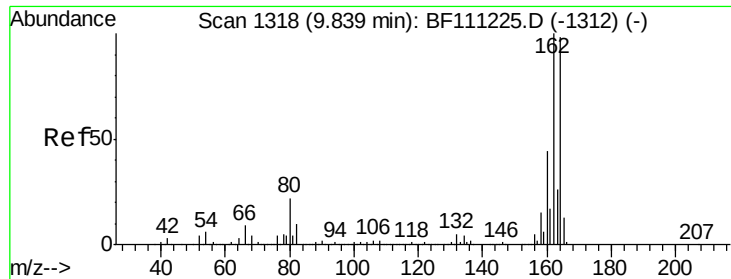
#38
1-Methylnaphthalene
Concen: 45.550 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:142 Resp: 3130529
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4
116 3.9 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





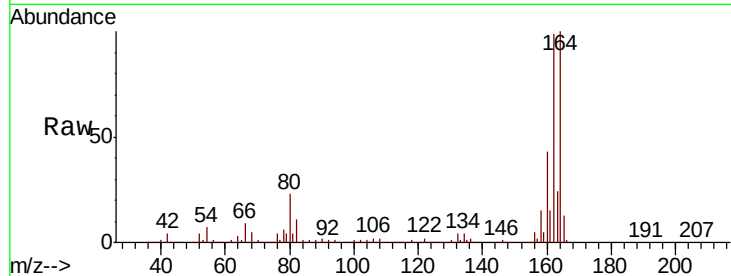
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

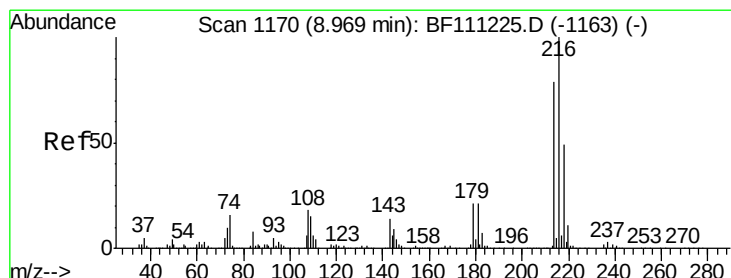
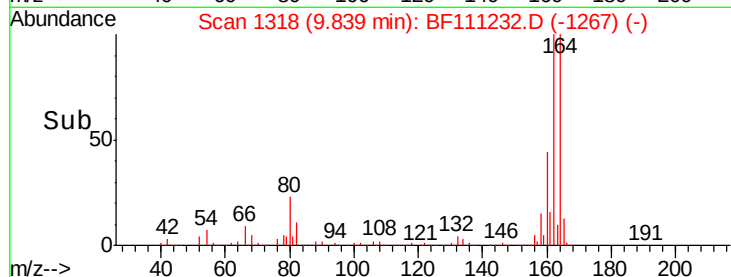
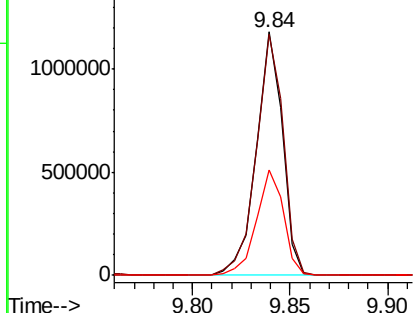
Tot Ion:164 Resp: 1100700
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 43.5 35.7 53.5

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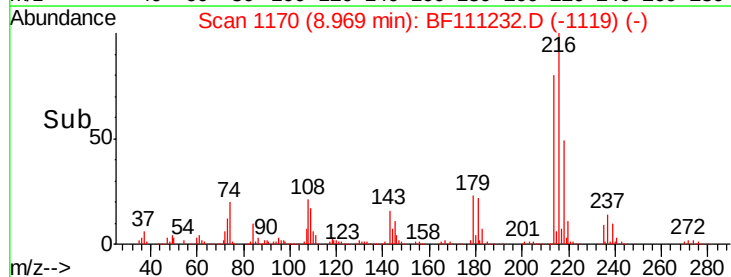
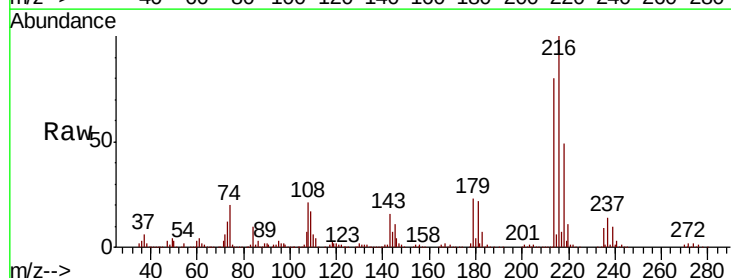
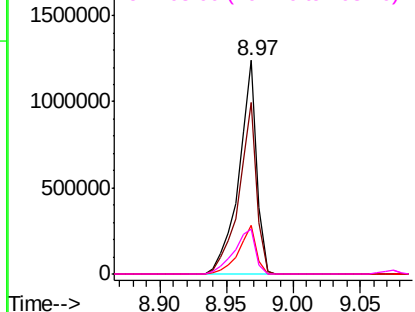
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

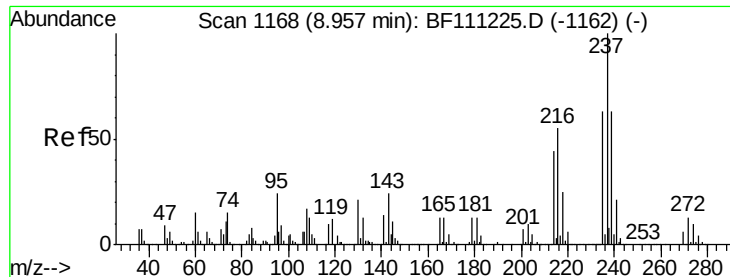


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.788 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:216 Resp: 1157337
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.8
179 22.6 17.9 26.9
108 25.8 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





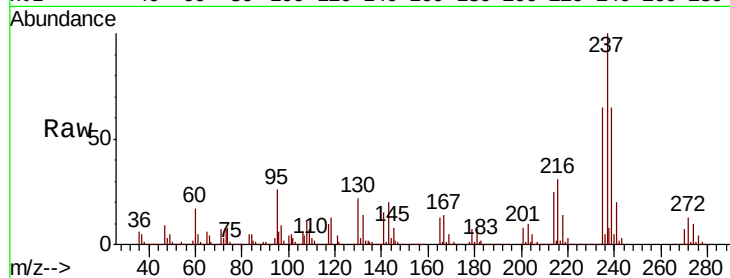
#41
Hexachlorocyclopentadiene
Concen: 81.648 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

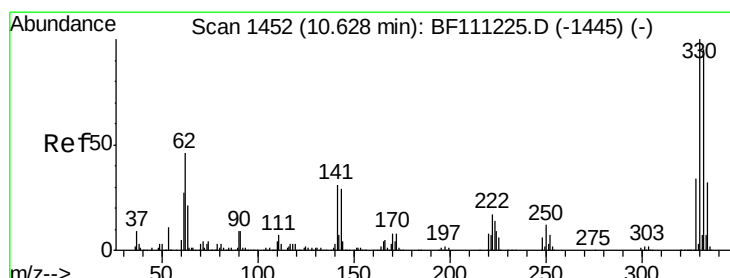
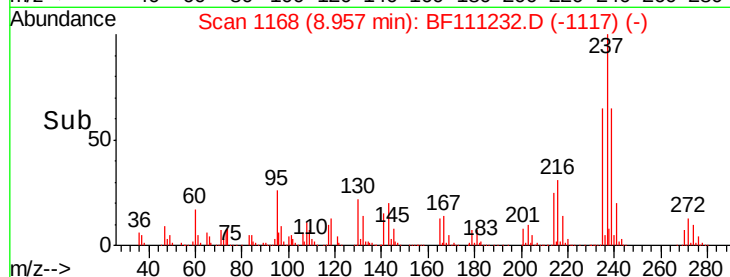
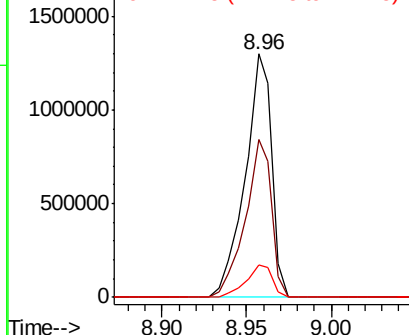
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.7	43.1	83.1
272	13.1	0.0	33.0

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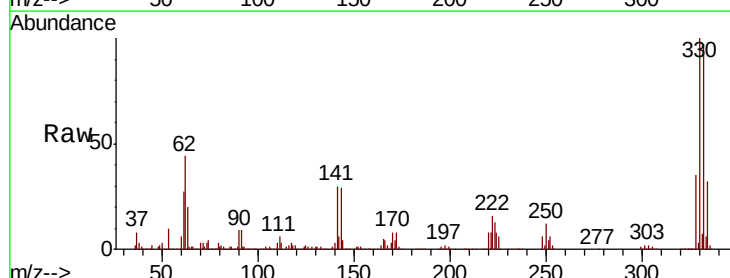


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

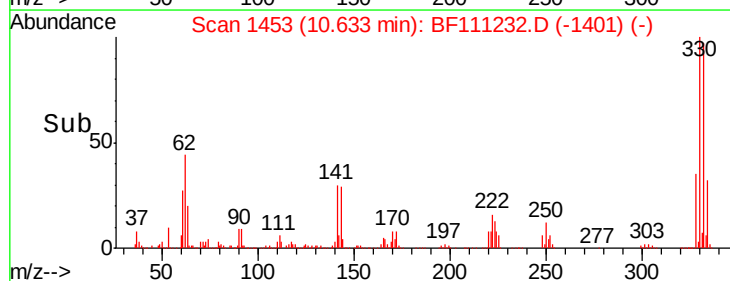
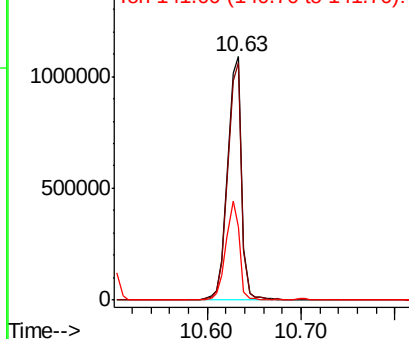


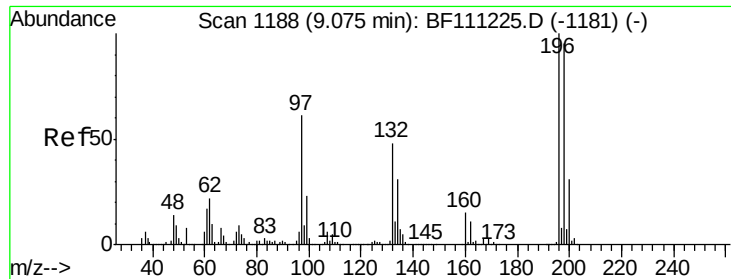
#42
2,4,6-Tribromophenol
Concen: 116.662 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	39.2	31.0	46.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





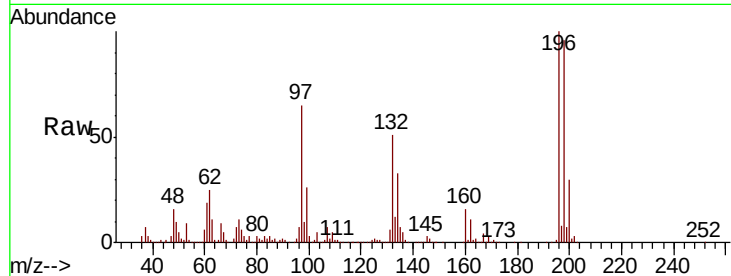
#43
2,4,6-Trichlorophenol
Concen: 42.170 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	969477		
198	95.7	76.3	114.5	
200	30.1	24.9	37.3	

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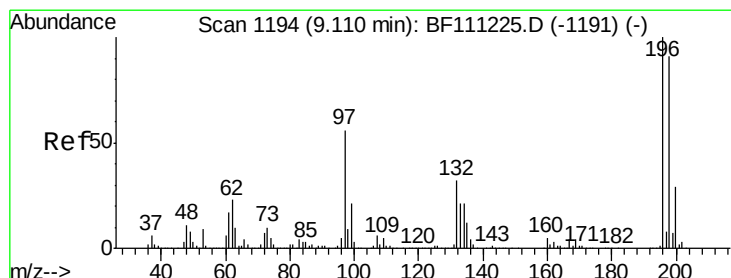
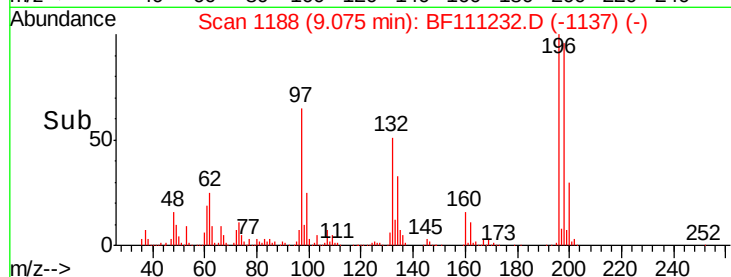
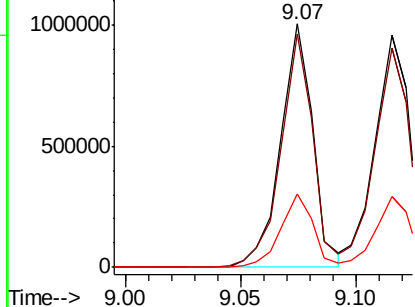


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 42.427 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1016089		
198	94.5	72.9	109.3	
97	56.4	45.3	67.9	
132	33.5	25.5	38.3	

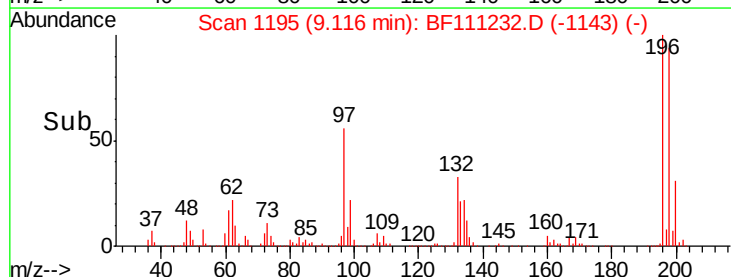
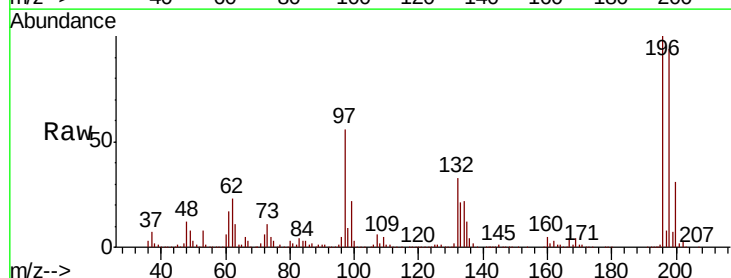
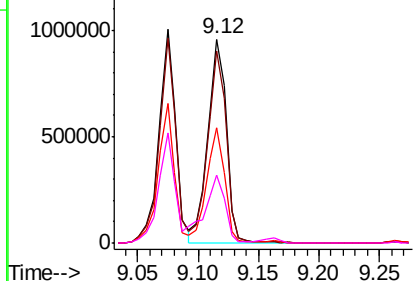
Abundance

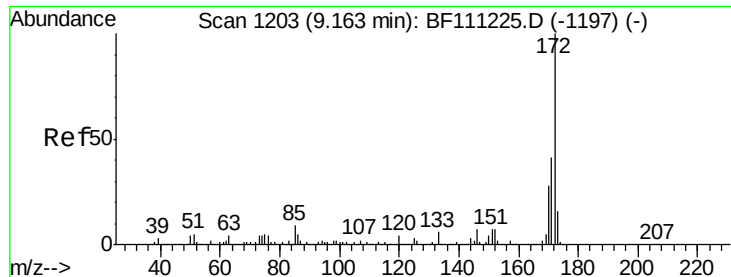
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





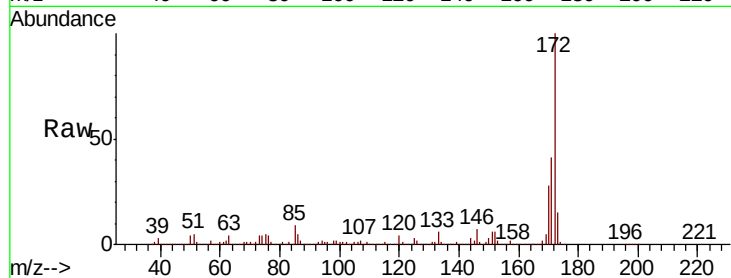
#45
2-Fluorobiphenyl
Concen: 67.716 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

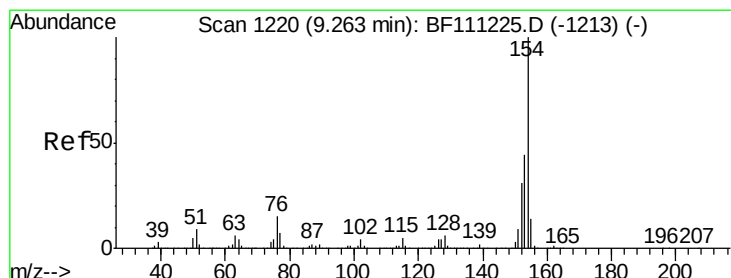
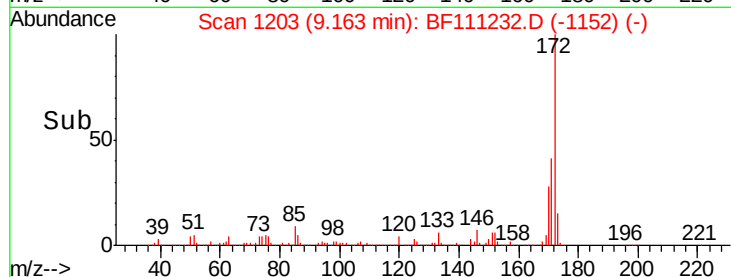
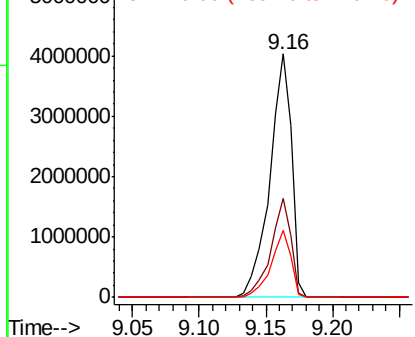
Tot Ion:172 Resp: 4564978
Ion Ratio Lower Upper
172 100
171 40.7 33.0 49.4
170 27.6 22.3 33.5

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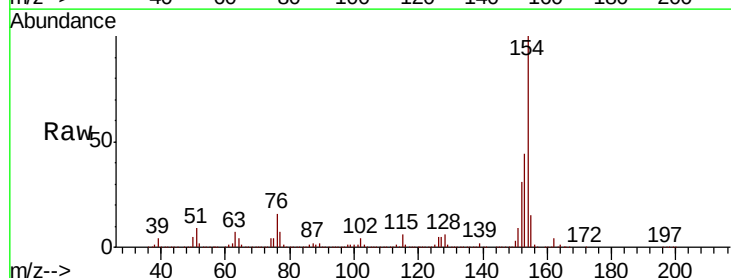


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

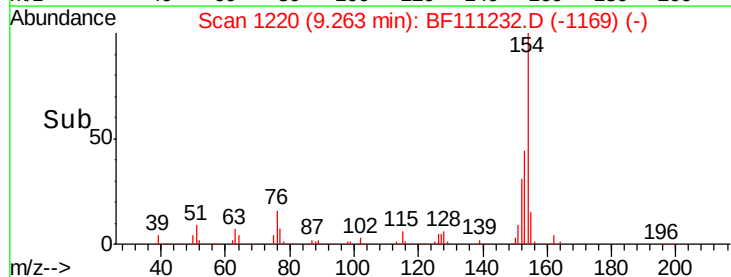
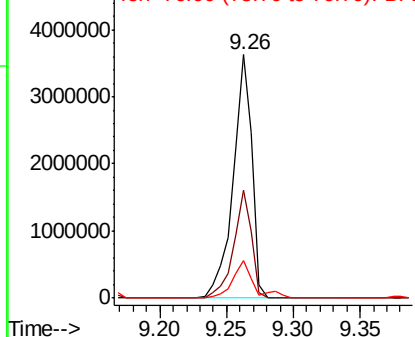


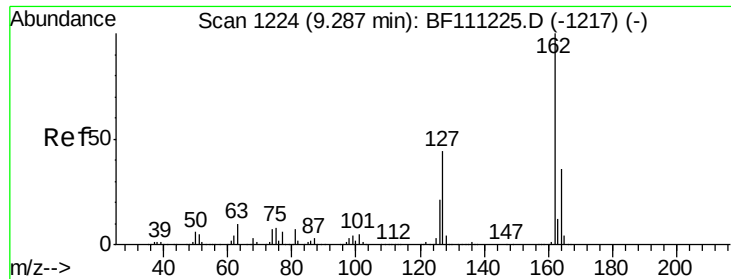
#46
1,1'-Biphenyl
Concen: 40.045 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:154 Resp: 3580915
Ion Ratio Lower Upper
154 100
153 44.2 23.7 63.7
76 15.7 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





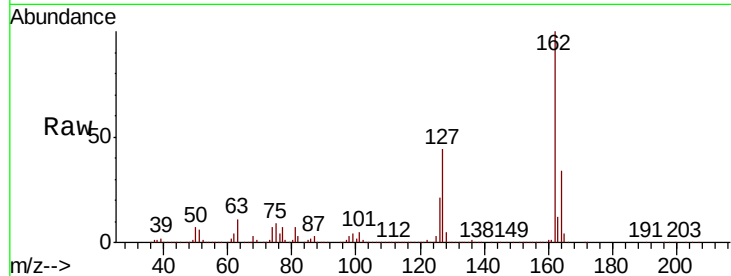
#47
2-Chloronaphthalene
Concen: 40.680 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.0	35.0	52.4
164	34.3	28.4	42.6

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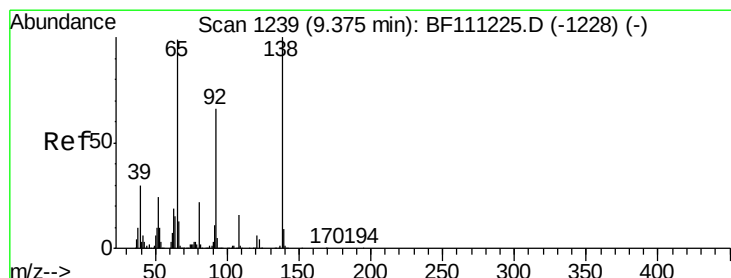
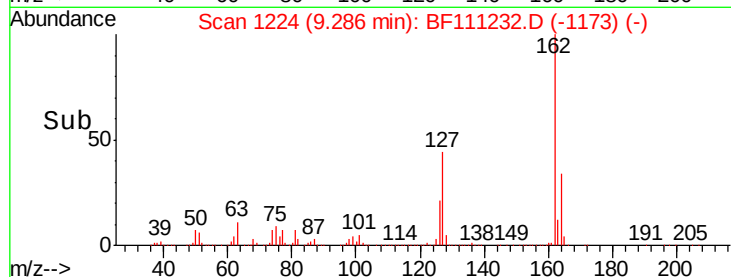
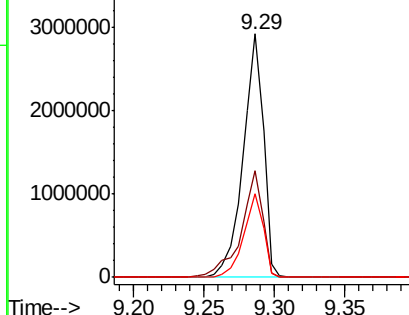


Abundance

Ion 162.00 (161.70 to 162.70): E

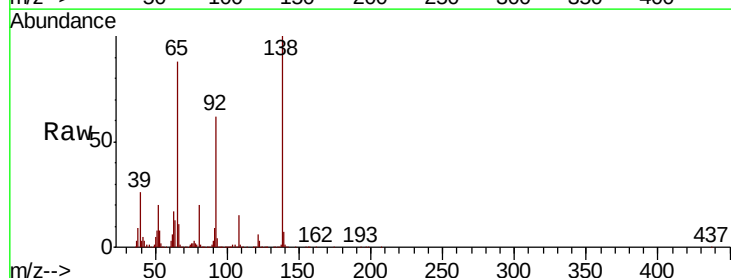
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.394 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	53.5	80.3
138	114.2	80.9	121.3

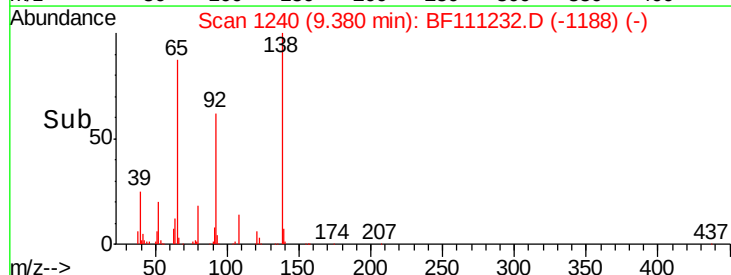
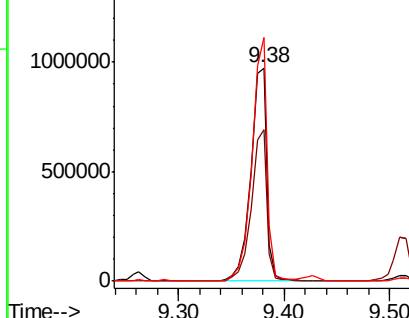


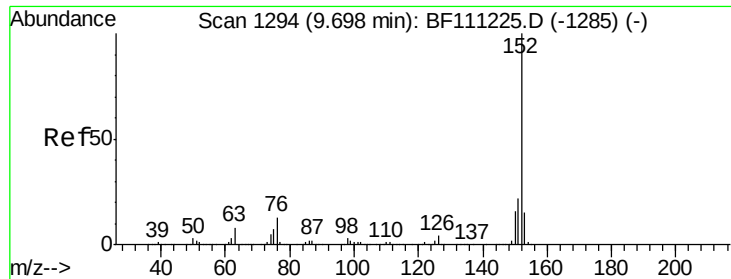
Abundance

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: 42.990 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

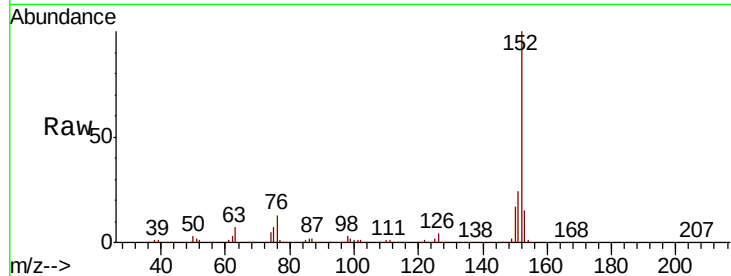
ClientSampleId :

PB115080BS

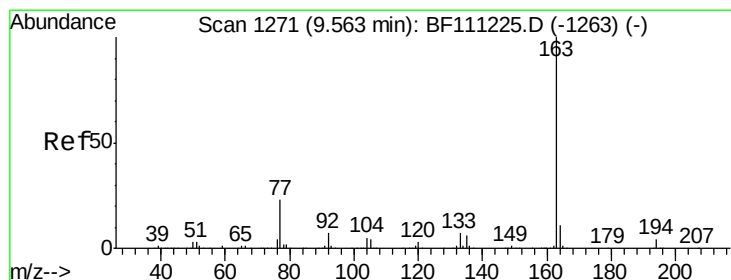
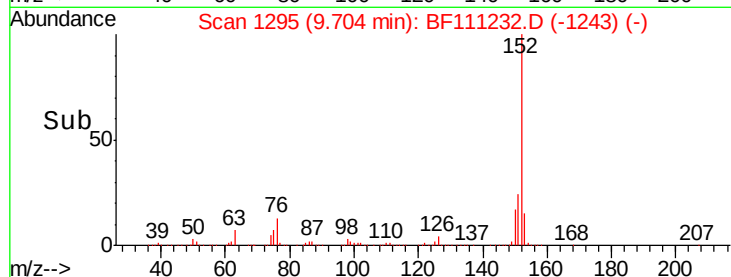
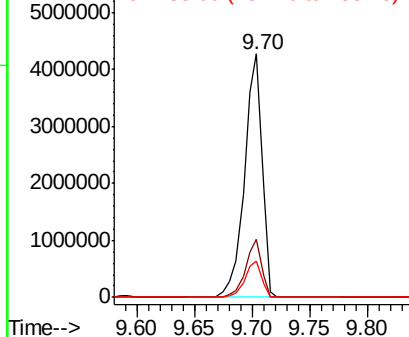
Tot Ion:	152	Resp:	4494811
Ion	Ratio	Lower	Upper
152	100		
151	23.9	18.0	27.0
153	15.1	12.3	18.5

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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: 40.126 ng

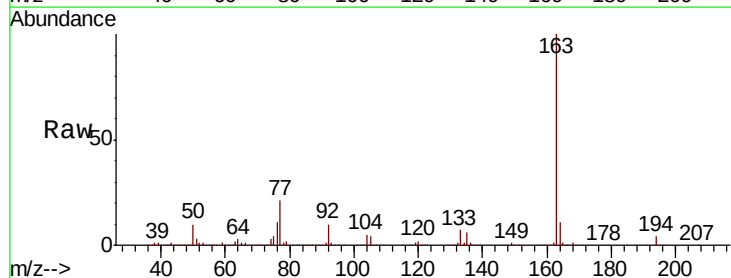
RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

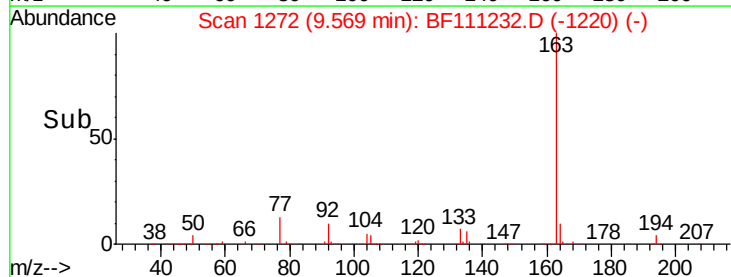
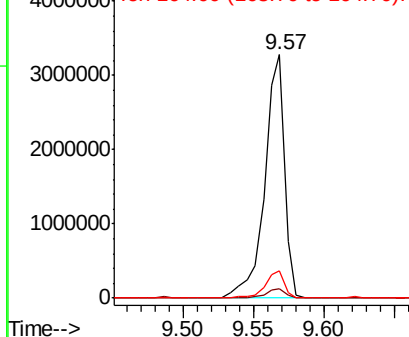
Lab File: BF111232.D

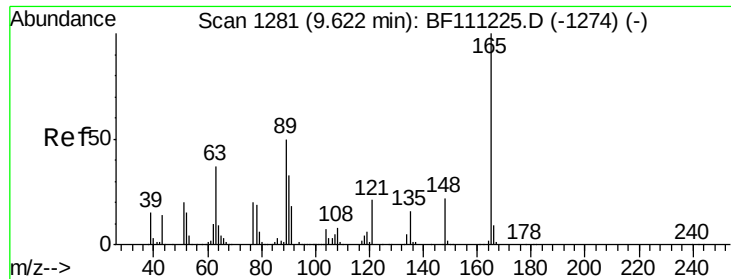
Acq: 10 Dec 2018 10:34

Tgt Ion:	163	Resp:	3258881
Ion	Ratio	Lower	Upper
163	100		
194	4.1	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





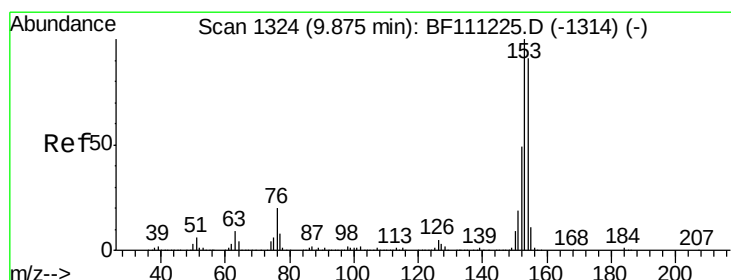
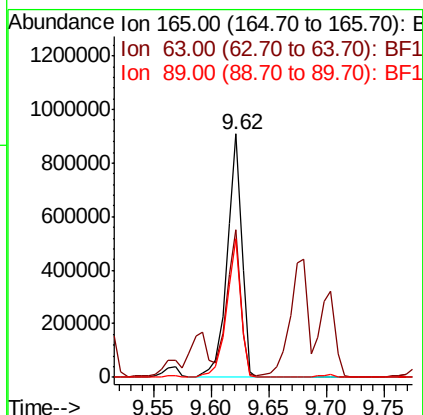
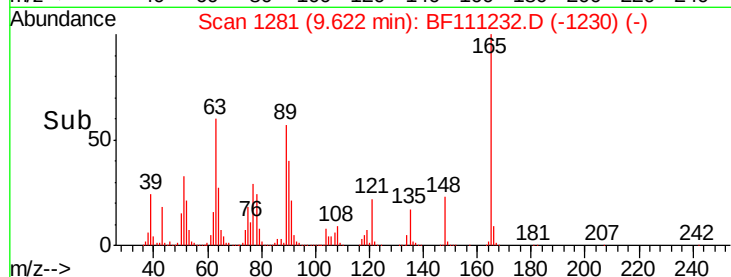
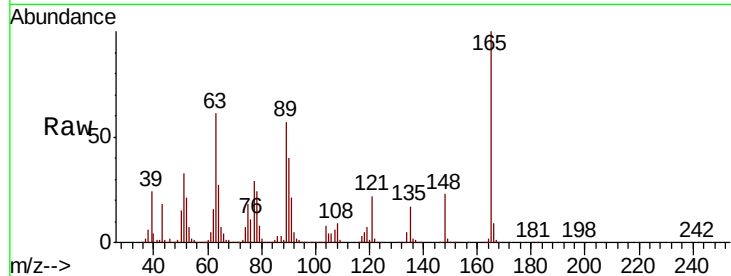
#51
2,6-Dinitrotoluene
Concen: 44.404 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.6	40.5	60.7
89	57.0	40.0	60.0

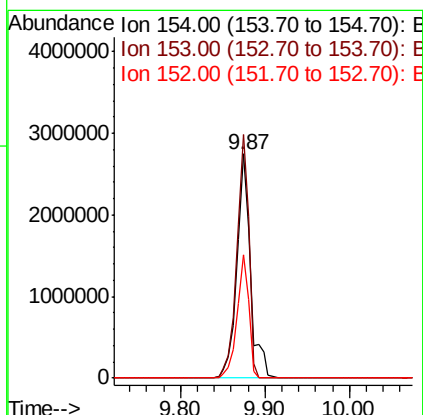
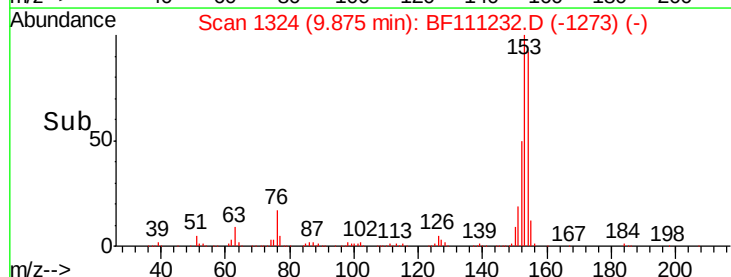
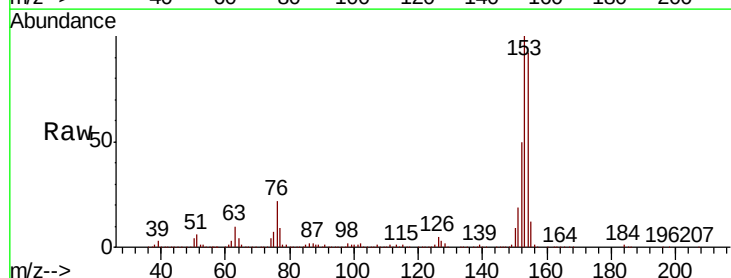
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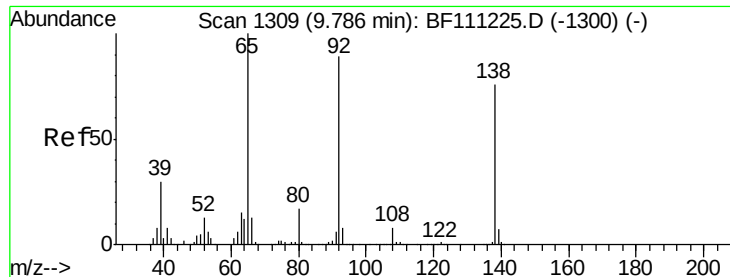
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#52
Acenaphthene
Concen: 46.058 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	108.6	87.8	131.8
152	54.8	43.4	65.2





#53

3-Nitroaniline

Concen: 30.477 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

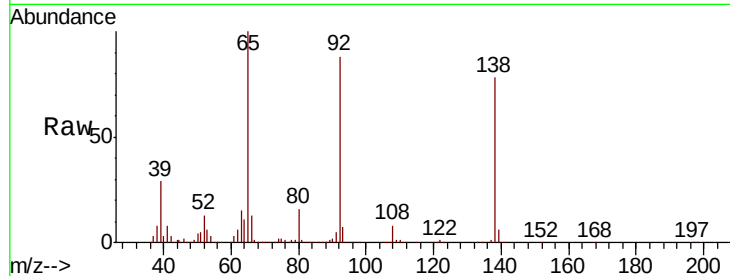
ClientSampleId :

PB115080BS

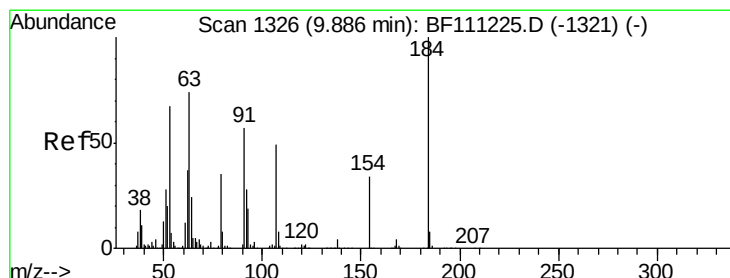
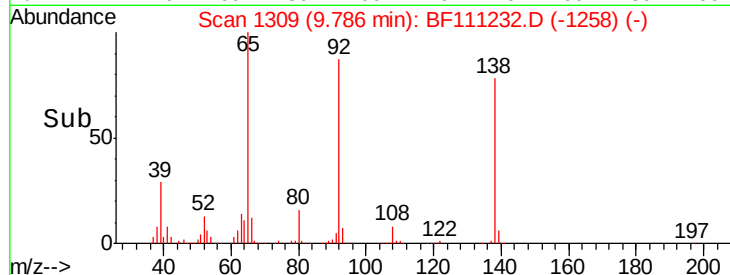
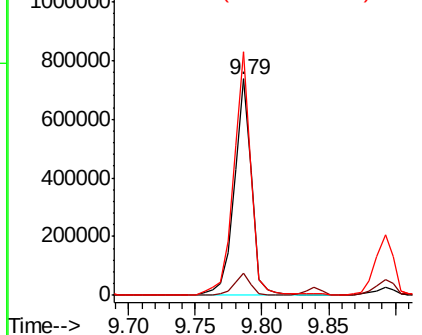
Tot Ion:138	Resp:	674709
Ion Ratio	Lower	Upper
138 100		
108 10.0	8.2	12.4
92 112.5	93.4	140.2

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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: 95.016 ng

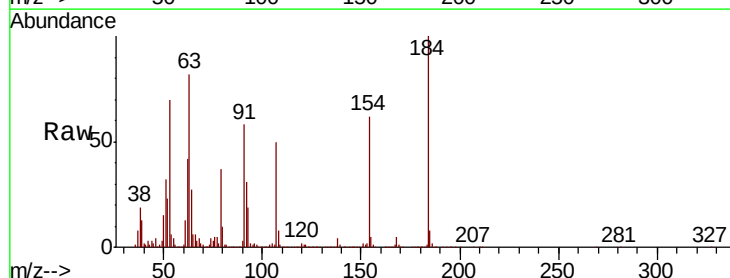
RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

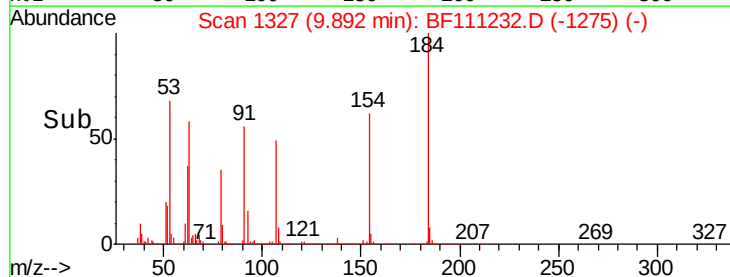
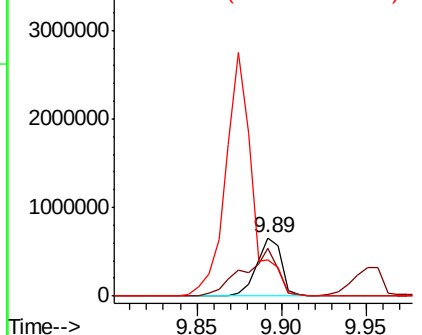
Lab File: BF111232.D

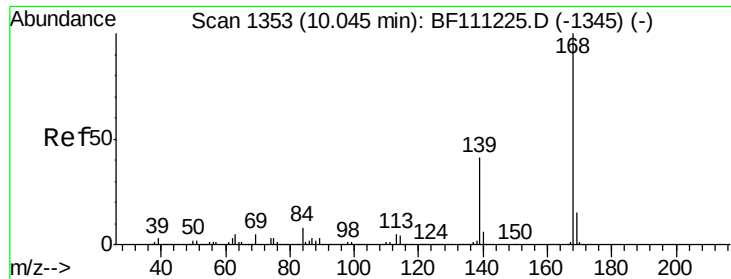
Acq: 10 Dec 2018 10:34

Tgt Ion:184	Resp:	673437
Ion Ratio	Lower	Upper
184 100		
63 81.8	62.3	93.5
154 62.1	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





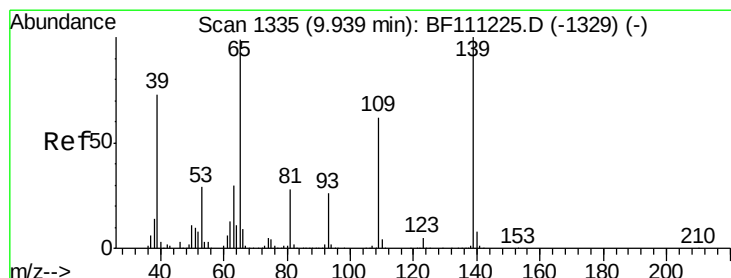
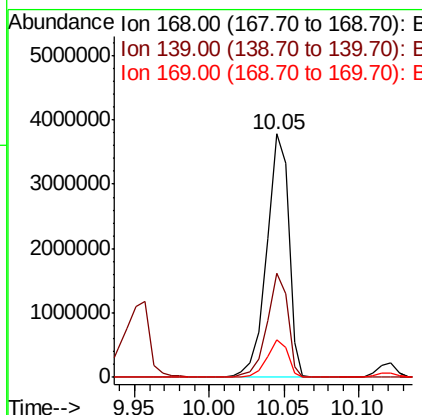
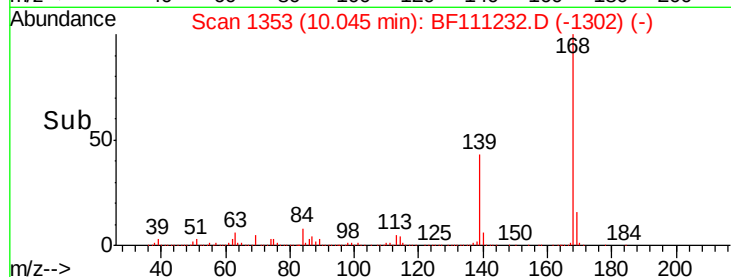
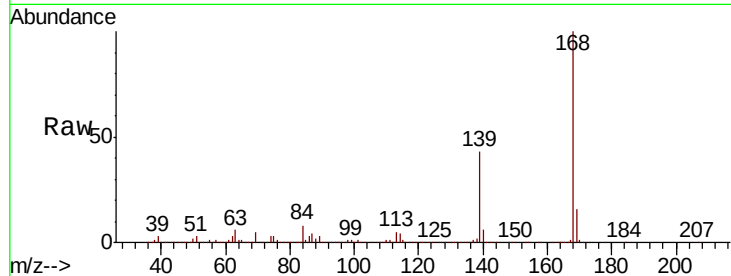
#55
Dibenzofuran
Concen: 43.115 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion:168 Resp: 3848625
Ion Ratio Lower Upper
168 100
139 42.8 32.6 49.0
169 15.6 11.8 17.6

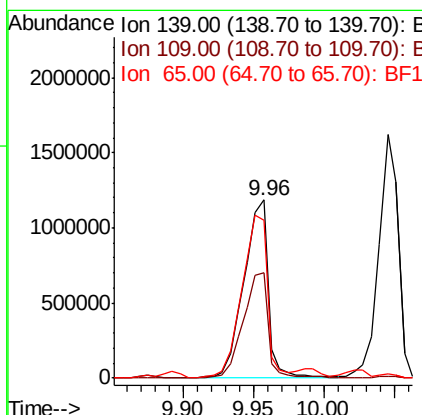
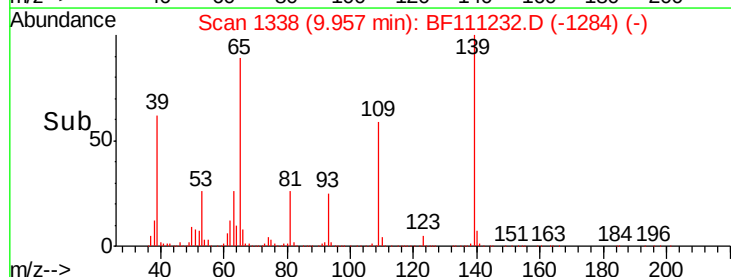
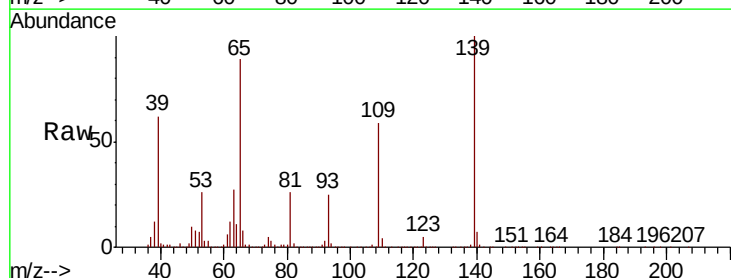
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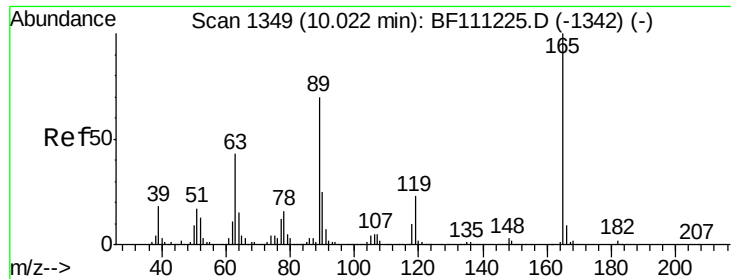
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#56
4-Nitrophenol
Concen: 83.530 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:139 Resp: 1440223
Ion Ratio Lower Upper
139 100
109 59.2 41.8 81.8
65 88.6 79.6 119.6





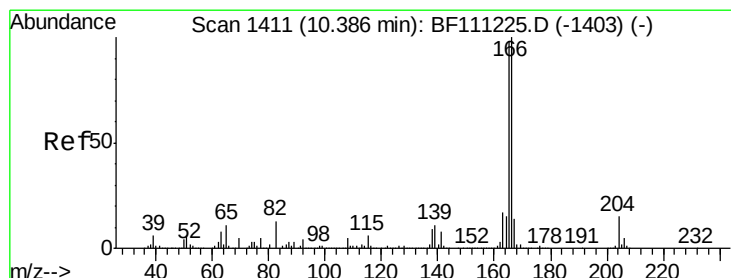
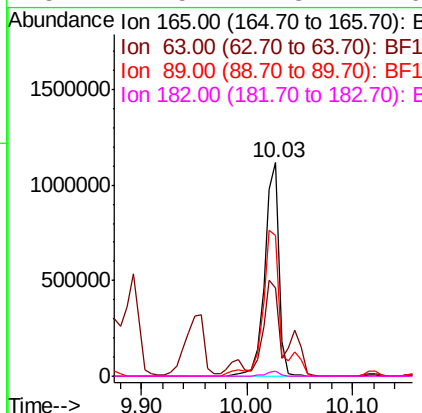
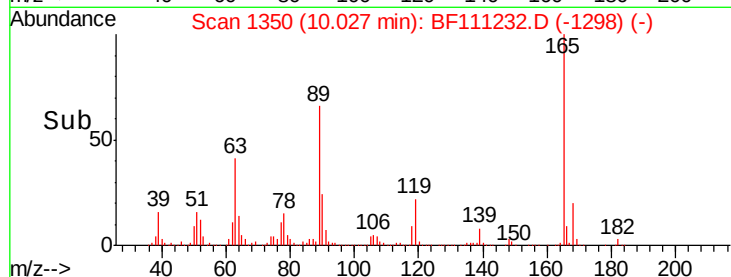
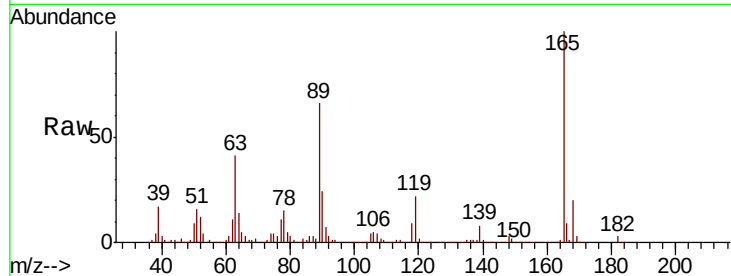
#57
2,4-Dinitrotoluene
Concen: 47.804 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	34.6	52.0
89	66.2	56.2	84.4
182	2.5	1.8	2.6

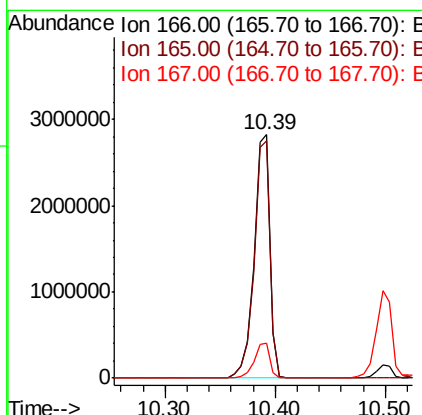
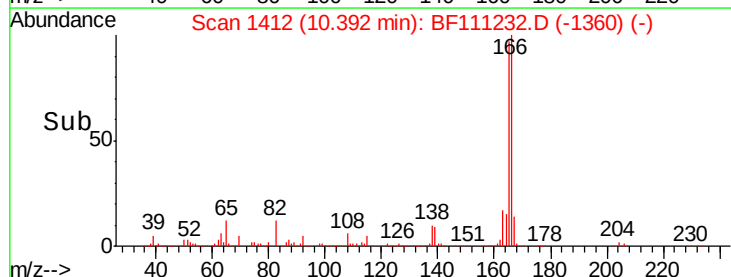
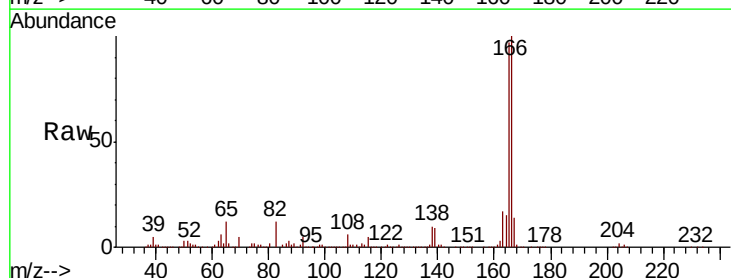
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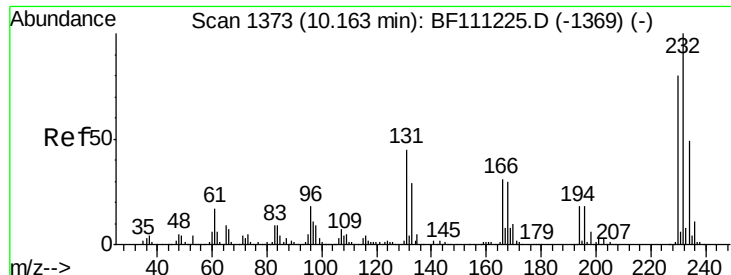
Sohil
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#58
Fluorene
Concen: 41.135 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.4	117.6
167	14.2	11.2	16.8





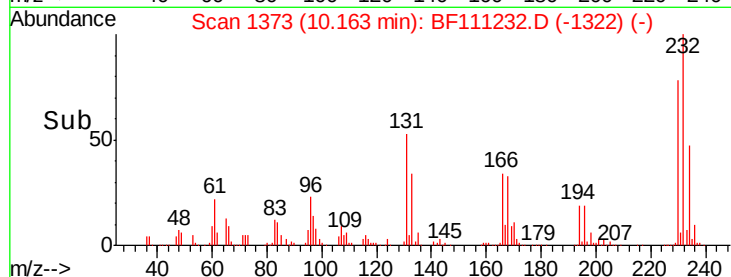
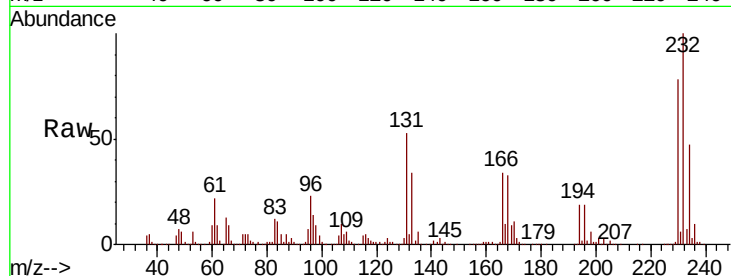
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.674 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB115080BS

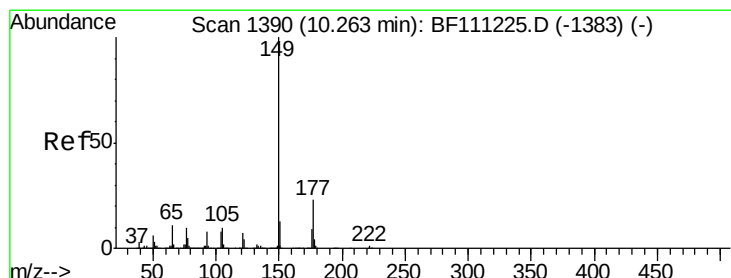
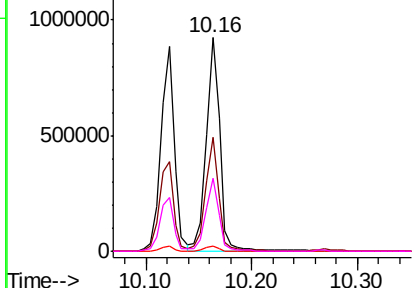
Tot Ion	Ratio	Lower	Upper
232	100		
131	50.7	40.9	61.3
130	2.5	2.0	3.0
166	32.8	26.8	40.2

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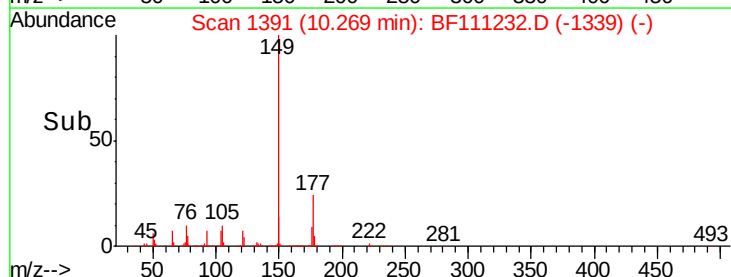
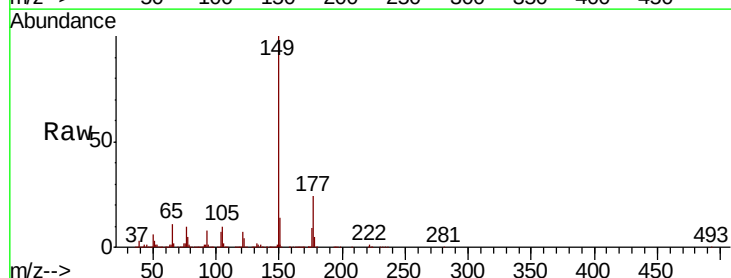


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

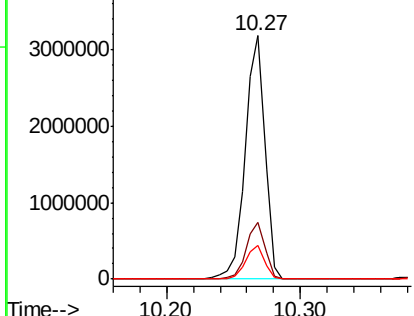


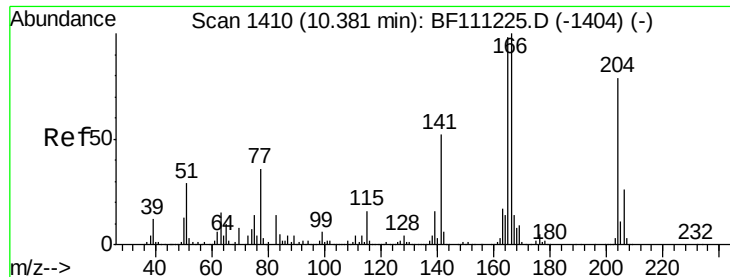
#60
 Diethylphthalate
 Concen: 41.459 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	13.6	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





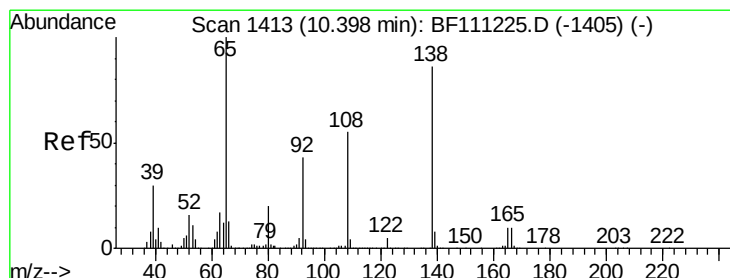
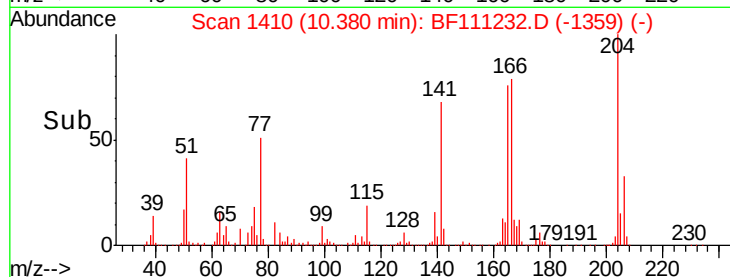
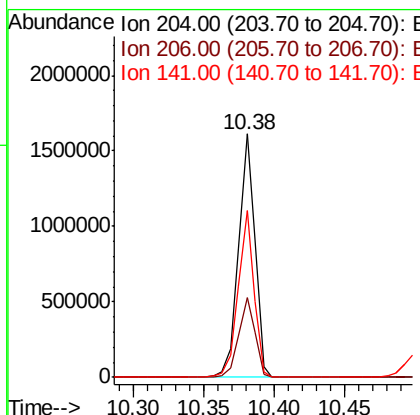
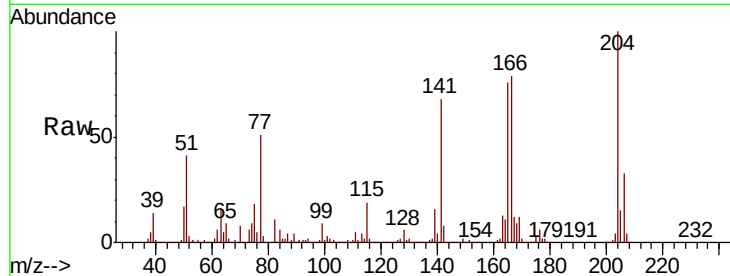
#61
4-Chlorophenyl-phenylether
Concen: 38.003 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion:204 Resp: 1303363
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 68.3 52.6 78.8

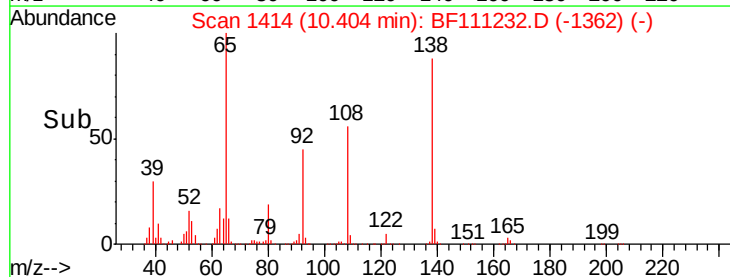
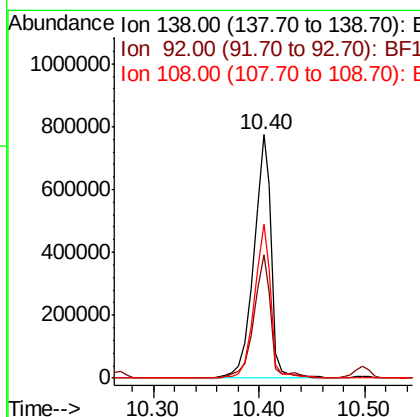
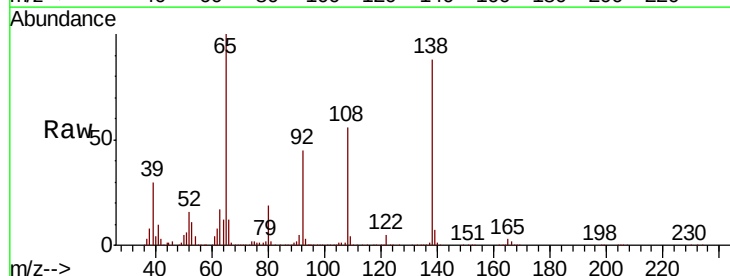
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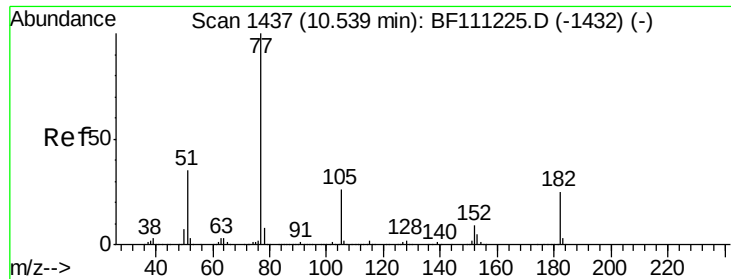
Sohil
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#62
4-Nitroaniline
Concen: 42.980 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:138 Resp: 900307
Ion Ratio Lower Upper
138 100
92 50.7 29.9 69.9
108 63.2 43.2 83.2





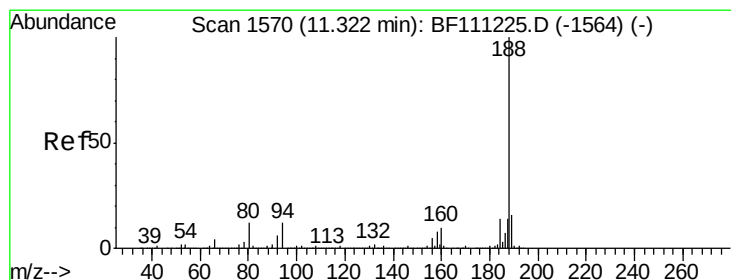
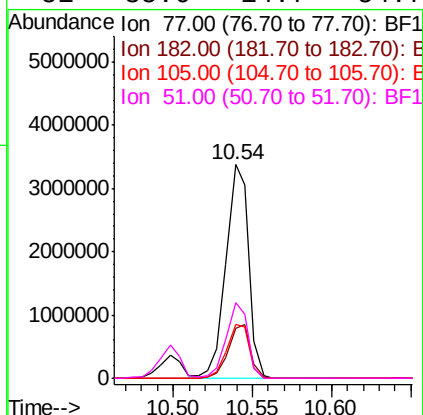
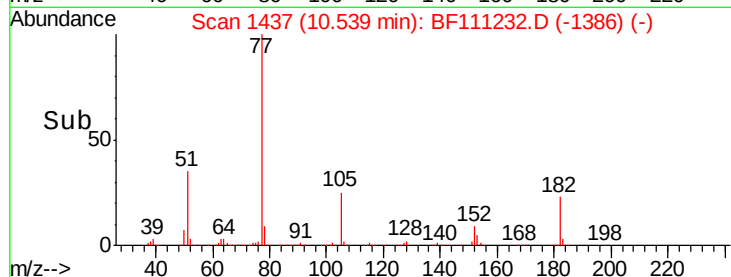
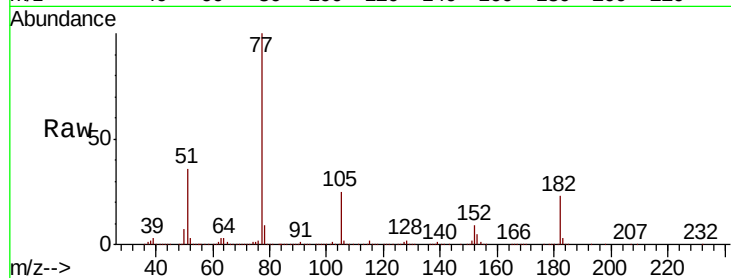
#63
Azobenzene
Concen: 41.659 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.9	44.9
105	25.2	6.0	46.0
51	35.6	14.7	54.7

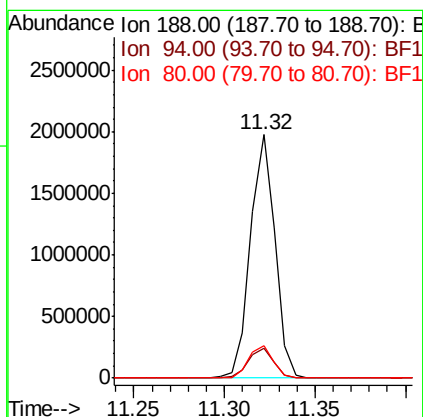
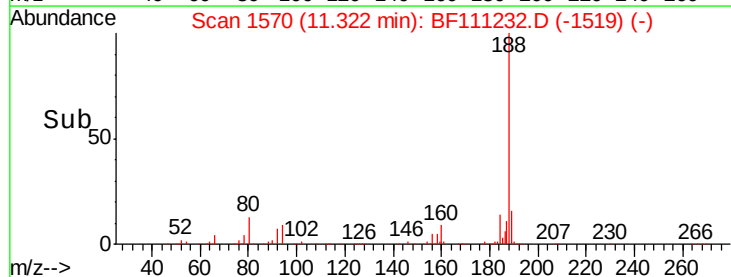
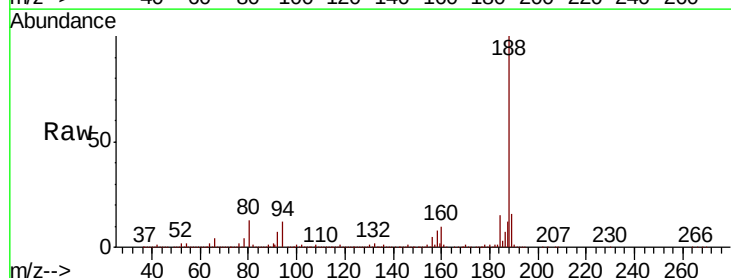
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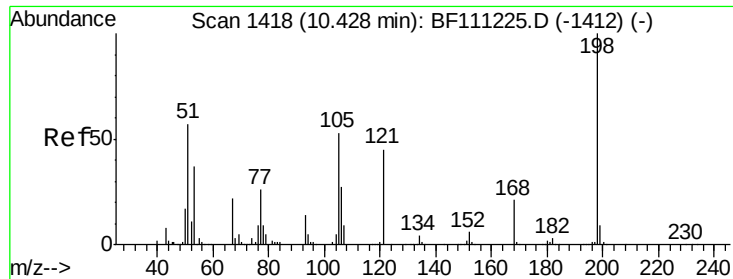
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.6	14.4
80	13.3	9.8	14.6





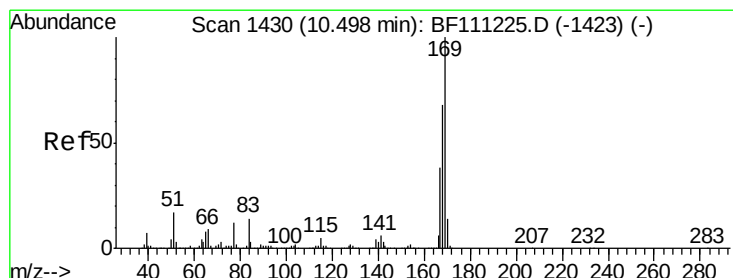
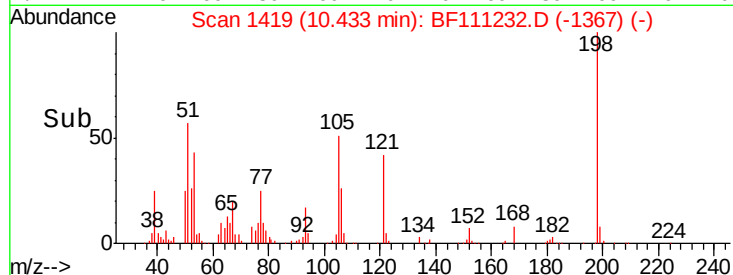
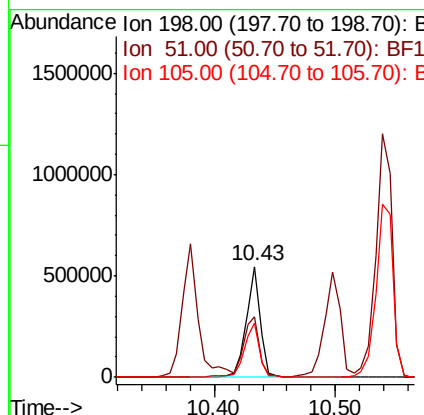
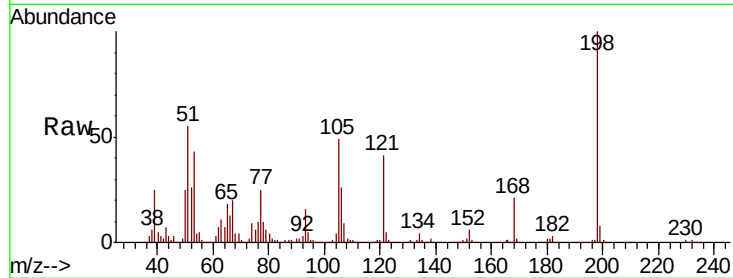
#65
4,6-Dinitro-2-methylphenol
Concen: 40.723 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	446560		
51	55.1	48.0	88.0	
105	49.5	34.0	74.0	

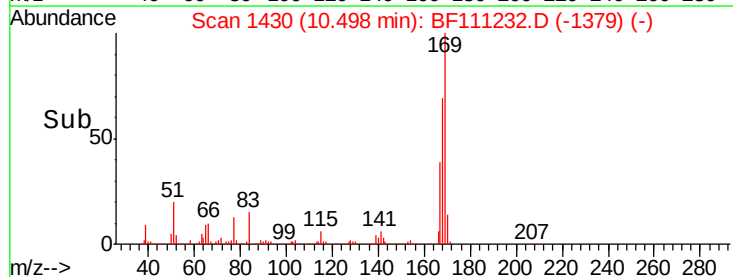
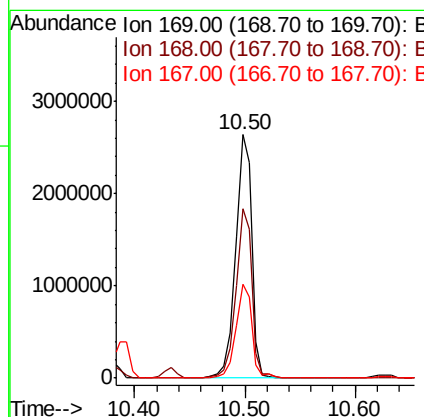
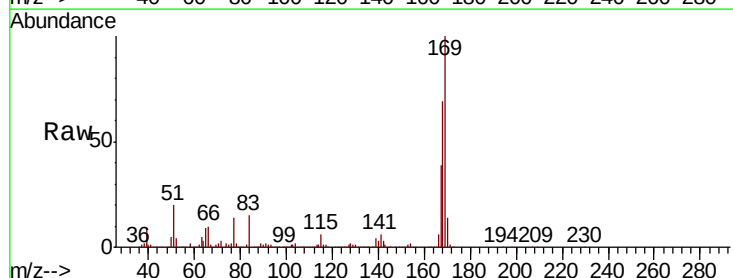
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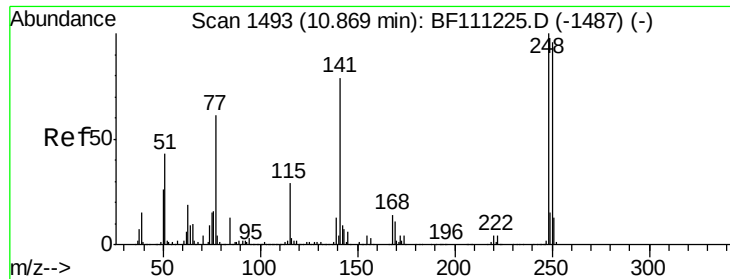
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 42.719 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2703798		
168	69.4	54.4	81.6	
167	38.6	30.5	45.7	





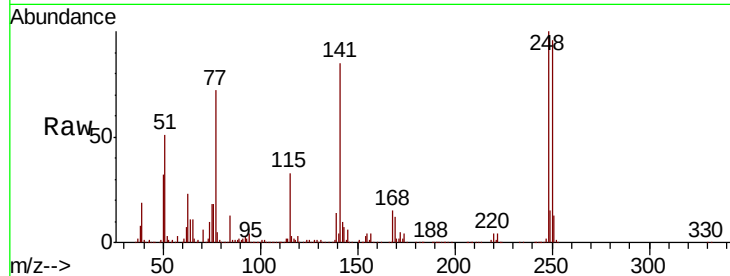
#67
4-Bromophenyl-phenylether
Concen: 41.661 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.0	115.4
141	85.3	63.0	94.6

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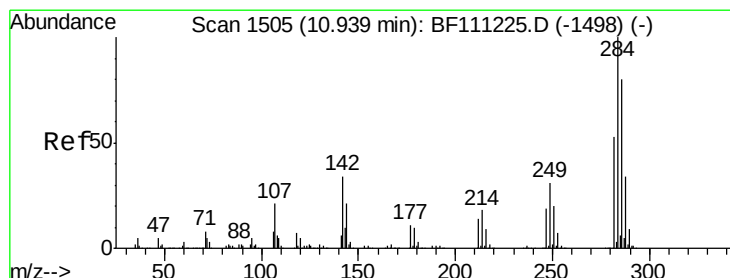
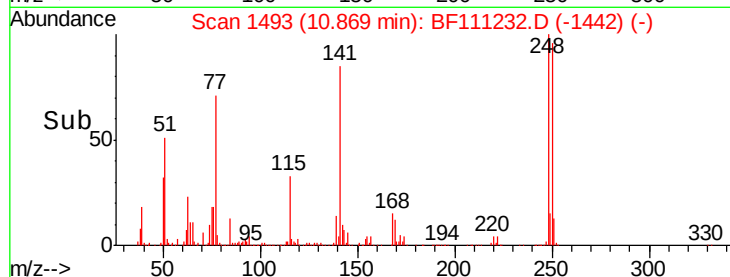
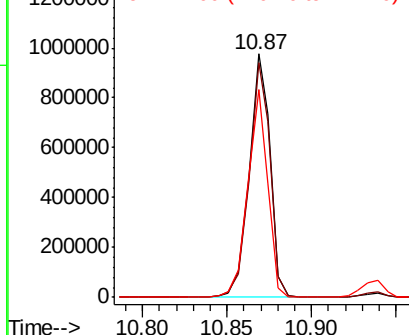


Abundance

Ion 248.00 (247.70 to 248.70): E

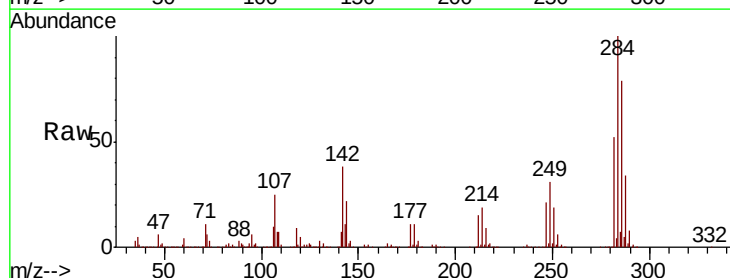
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.273 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	27.4	41.2
249	31.4	24.4	36.6

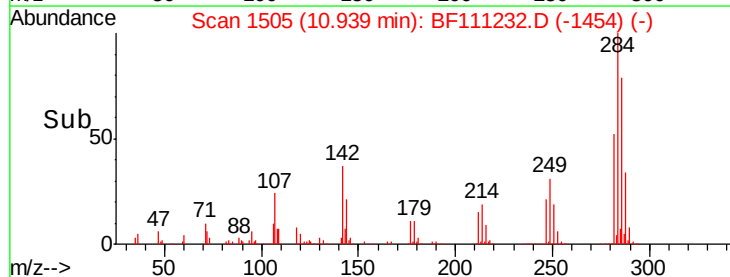
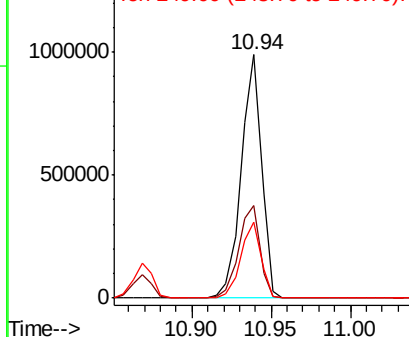


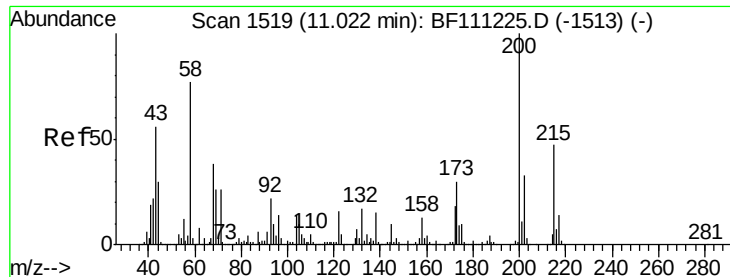
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.835 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

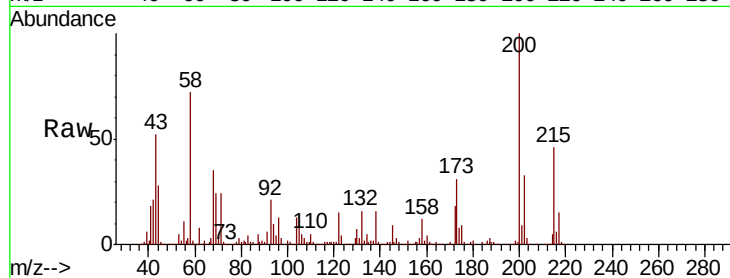
ClientSampleId :

PB115080BS

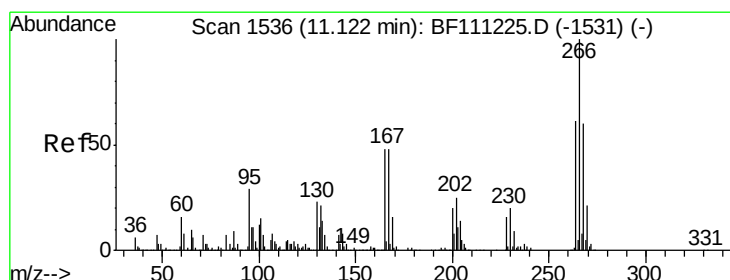
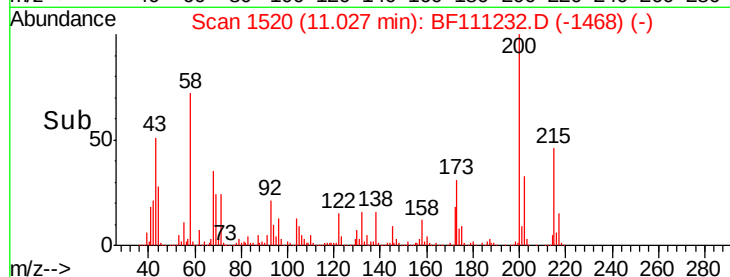
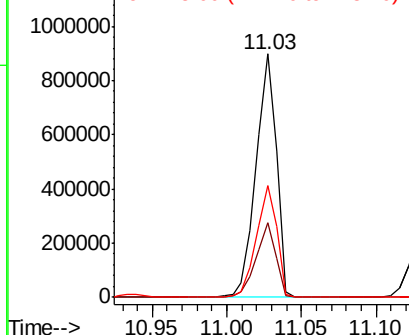
Tot Ion:	200	Resp:	843683
Ion Ratio	Lower	Upper	
200	100		
173	30.5	10.1	50.1
215	46.1	26.9	66.9

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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: 70.481 ng

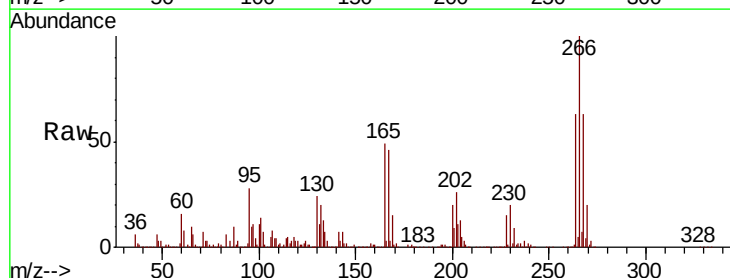
RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

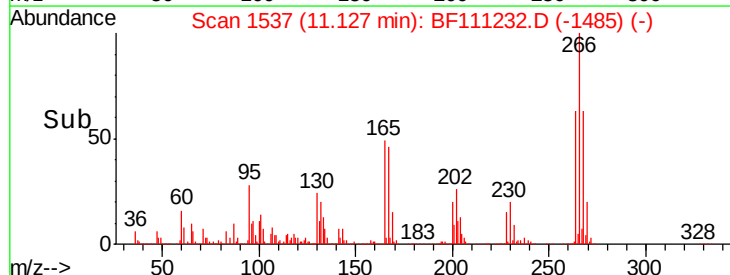
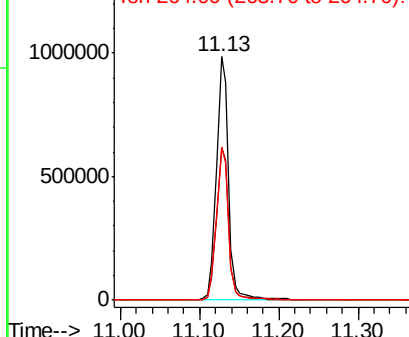
Lab File: BF111232.D

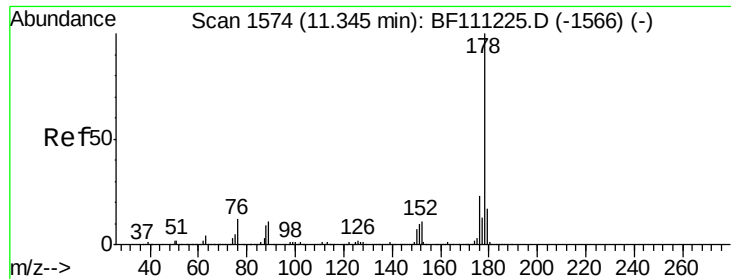
Acq: 10 Dec 2018 10:34

Tgt Ion:	266	Resp:	1059221
Ion Ratio	Lower	Upper	
266	100		
268	62.6	47.9	71.9
264	62.9	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





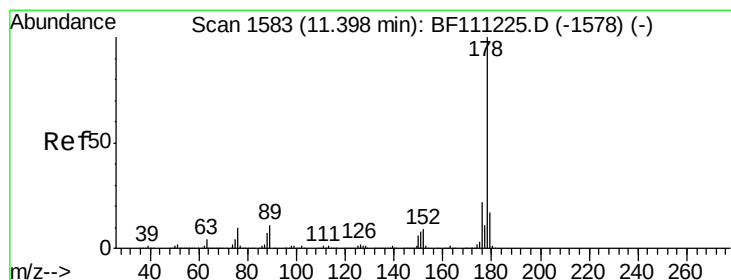
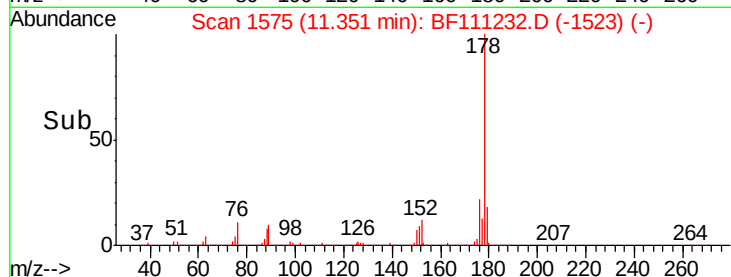
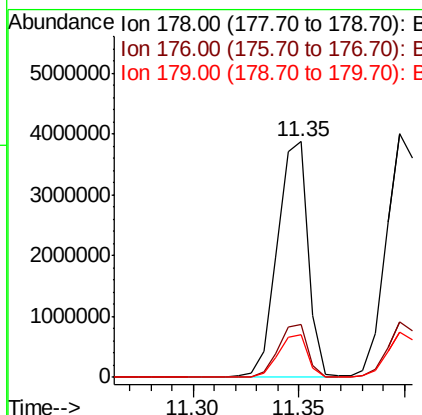
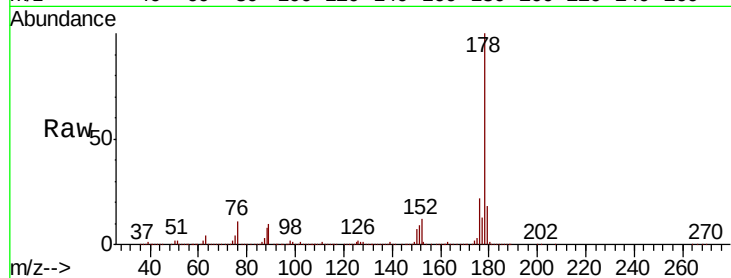
#71
Phenanthrene
Concen: 41.897 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion:178 Resp: 3929212
Ion Ratio Lower Upper
178 100
176 22.4 18.1 27.1
179 18.2 14.0 21.0

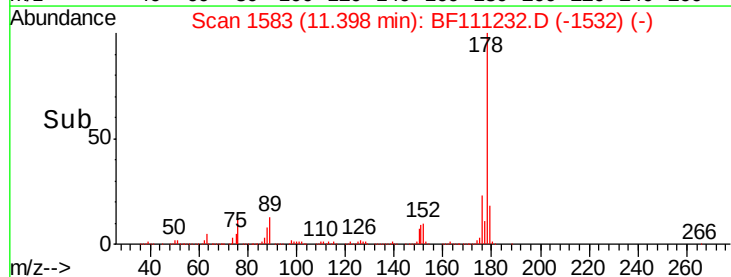
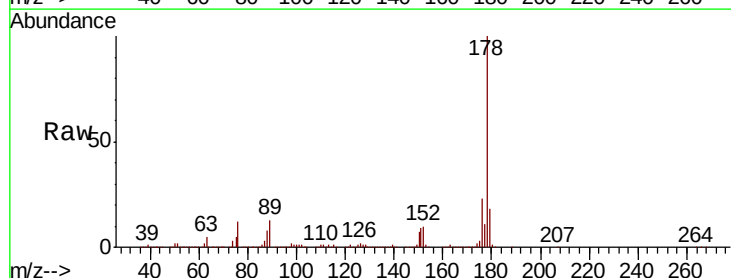
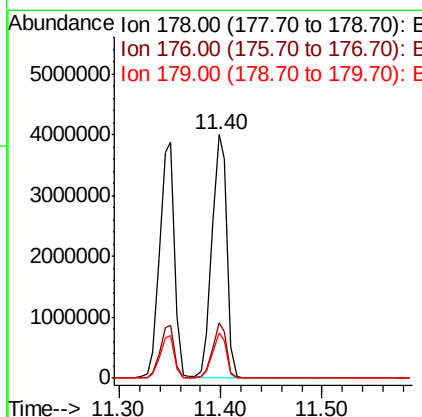
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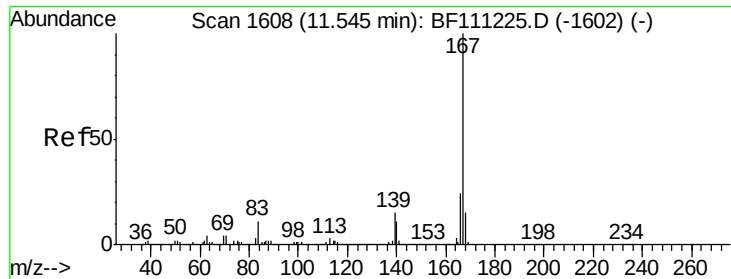
Sohil
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#72
Anthracene
Concen: 41.832 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:178 Resp: 4104371
Ion Ratio Lower Upper
178 100
176 22.5 17.2 25.8
179 18.3 13.8 20.8





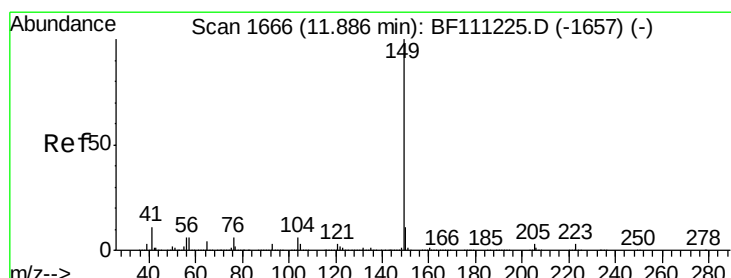
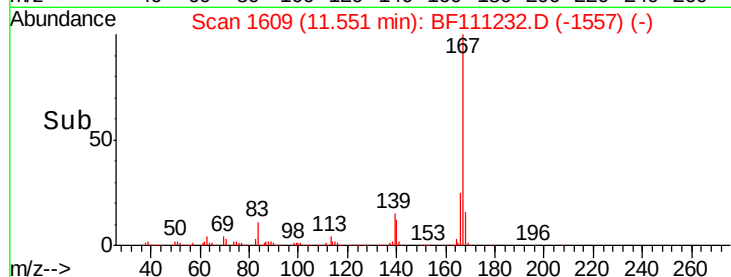
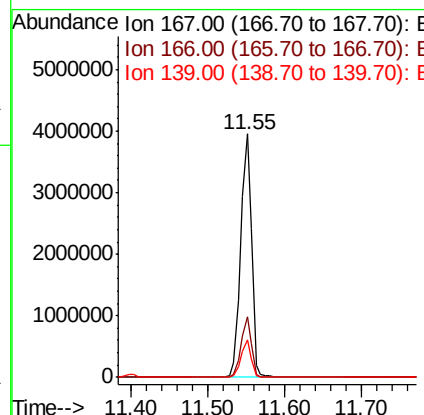
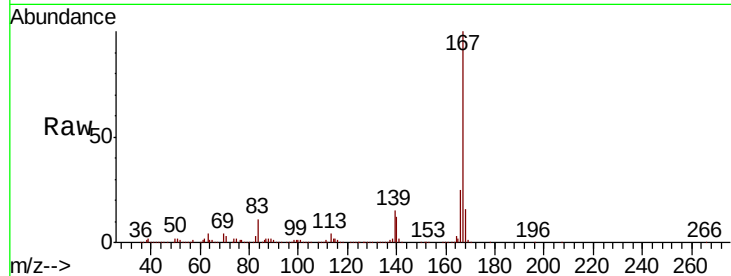
#73
 Carbazole
 Concen: 38.548 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Instrument :
 BNA_F
 ClientSampleId :
 PB115080BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.3	28.9
139	15.4	11.9	17.9

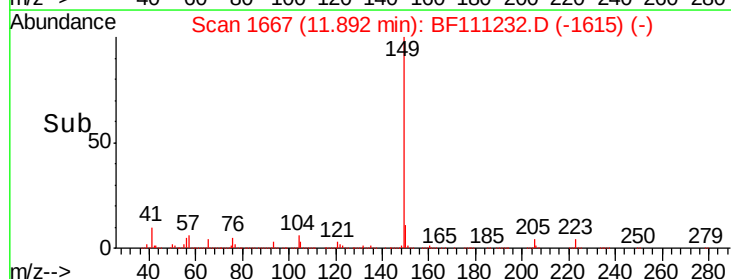
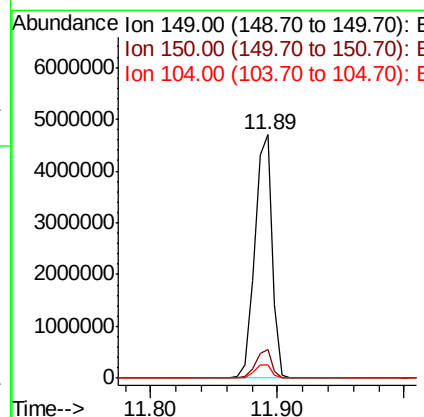
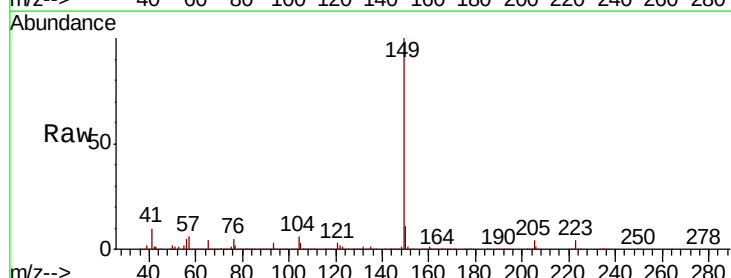
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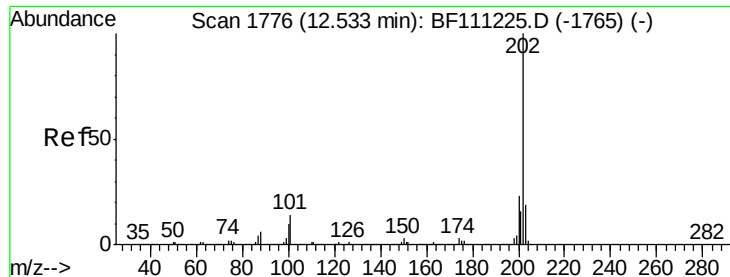
Sohil
 12/11/2018 8:42:23 AM



#74
 Di-n-butylphthalate
 Concen: 42.499 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111232.D
 Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.5	8.8	13.2
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 45.772 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

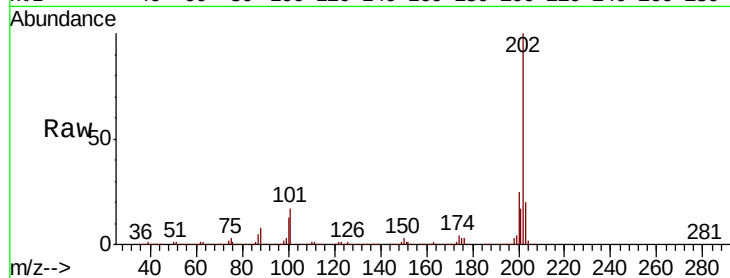
ClientSampleId :

PB115080BS

Tot Ion:	202	Resp:	3921289
Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	33.8
203	20.4	0.0	38.6

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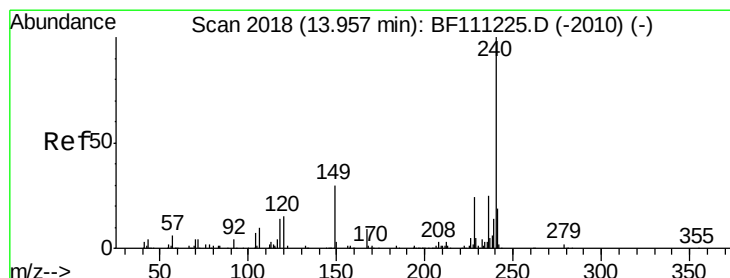
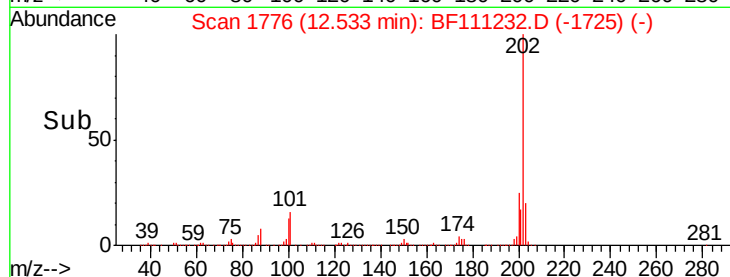
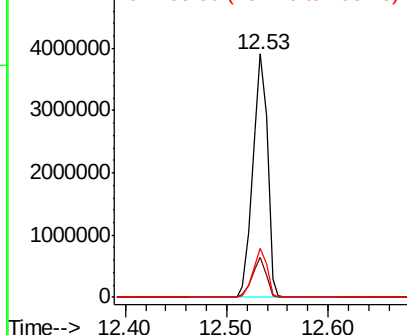


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

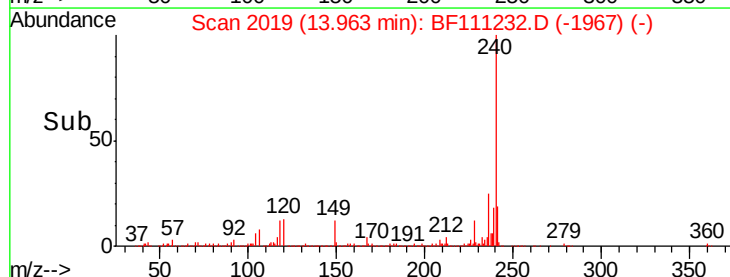
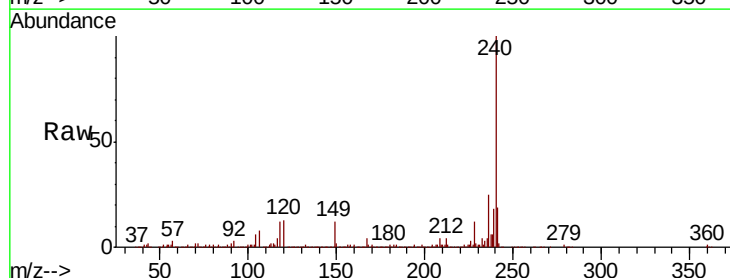
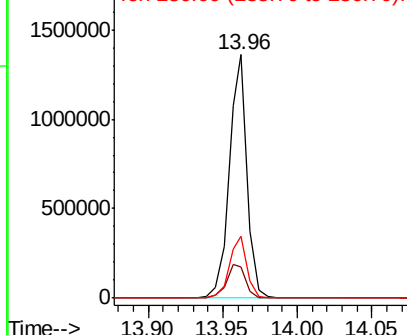
Tgt Ion:	240	Resp:	1140601
Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.2	18.2
236	25.4	20.2	30.2

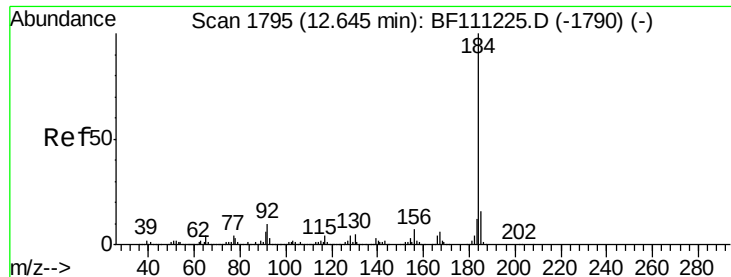
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.226 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion:184 Resp: 1633259

Ion Ratio Lower Upper

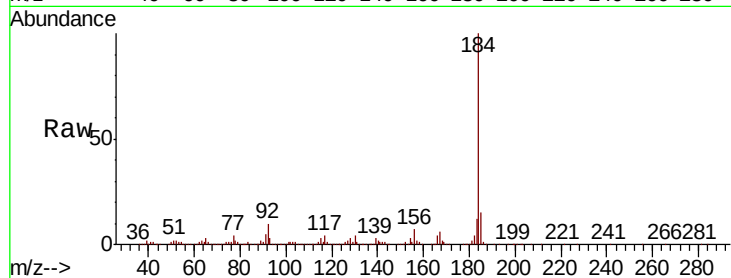
184 100

185 14.7 13.0 19.6

183 11.7 9.3 13.9

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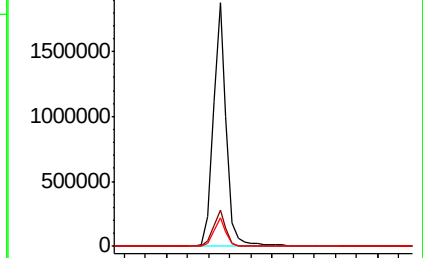
Sohil
12/11/2018 8:42:23 AM



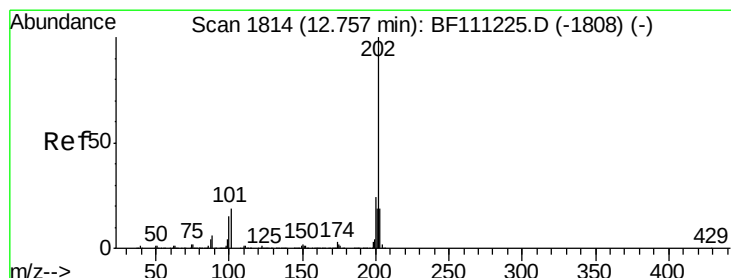
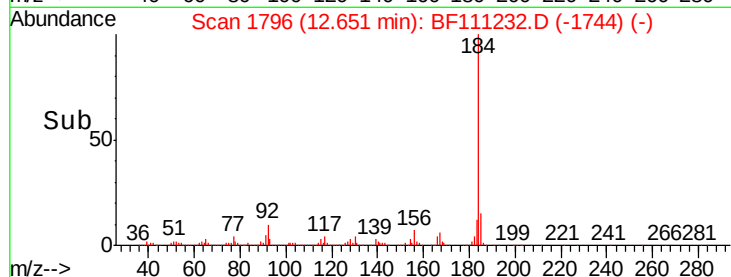
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 49.098 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

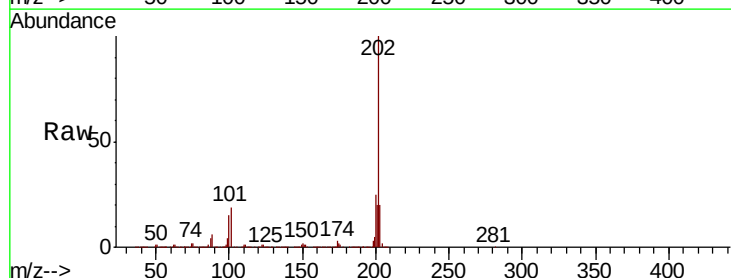
Tgt Ion:202 Resp: 4001862

Ion Ratio Lower Upper

202 100

200 25.0 19.0 28.4

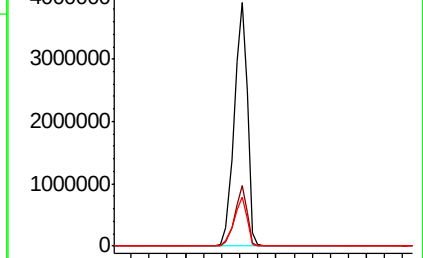
203 20.4 15.2 22.8



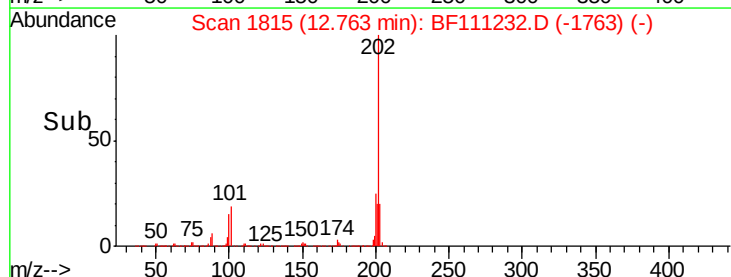
Abundance Ion 202.00 (201.70 to 202.70): E

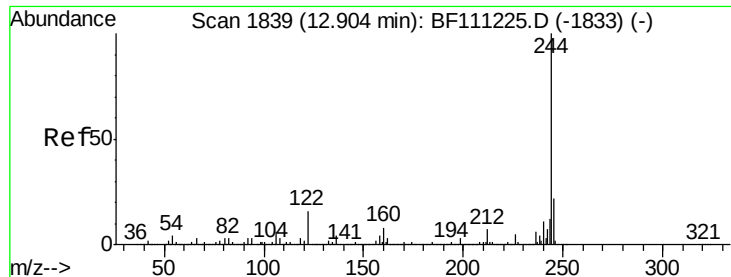
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





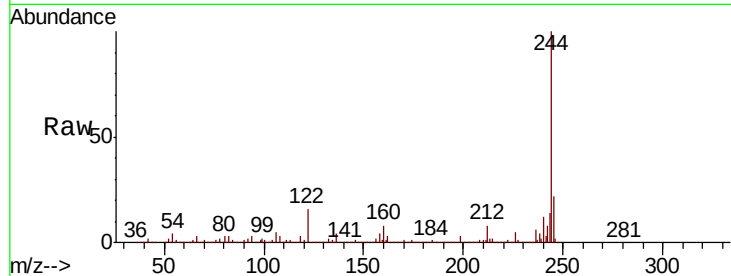
#79
Terphenyl-d14
Concen: 83.646 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	15.6	13.1	19.7

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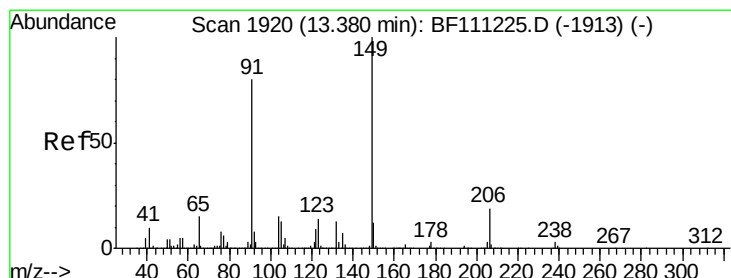
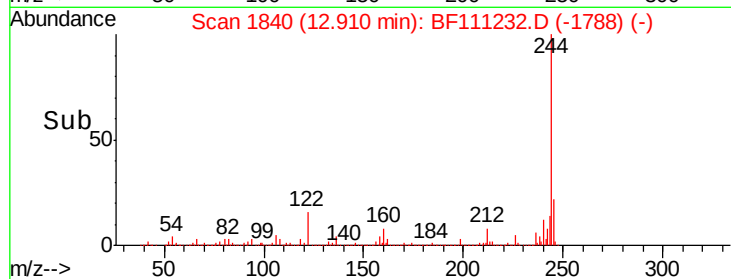
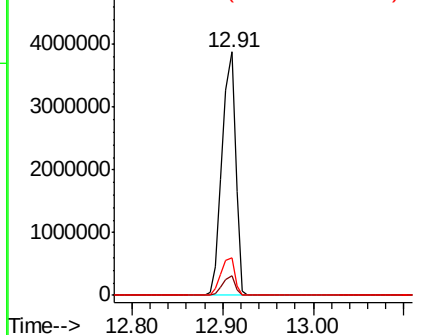


Abundance

Ion 244.00 (243.70 to 244.70): E

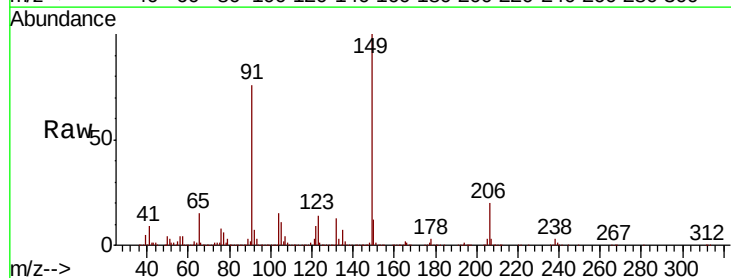
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
Butylbenzylphthalate
Concen: 46.545 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.4	63.8	95.6
206	19.5	15.1	22.7

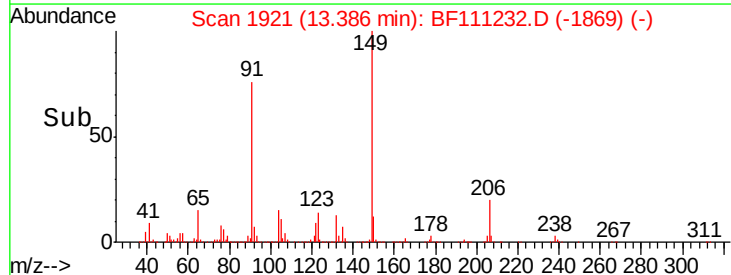
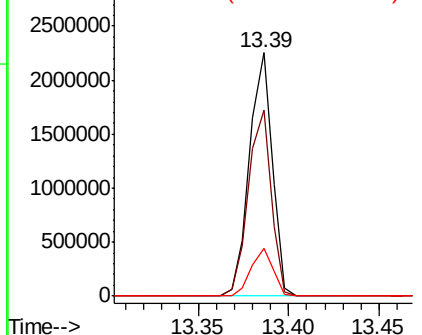


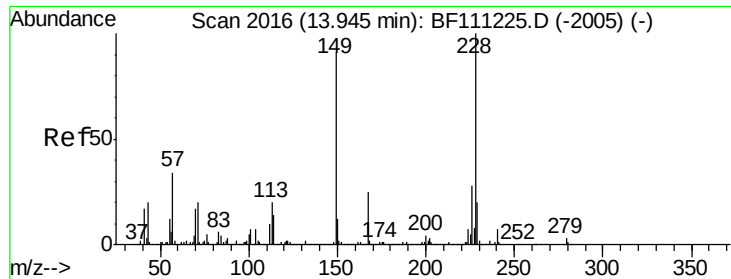
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.490 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion:228 Resp: 2958334

Ion Ratio Lower Upper

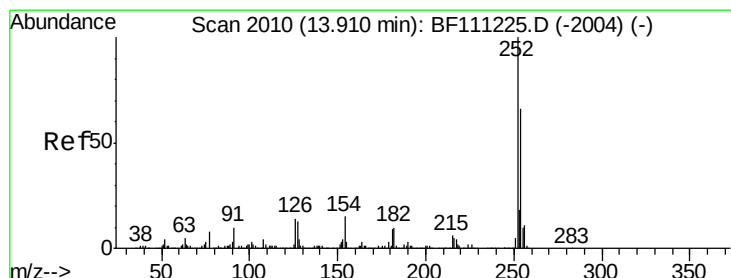
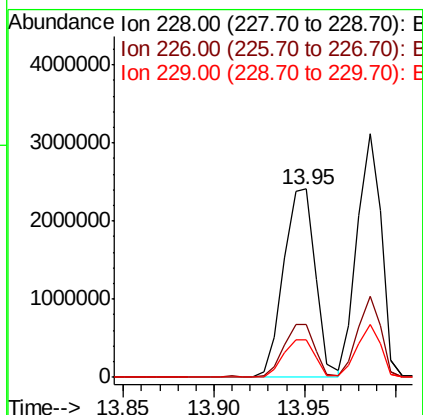
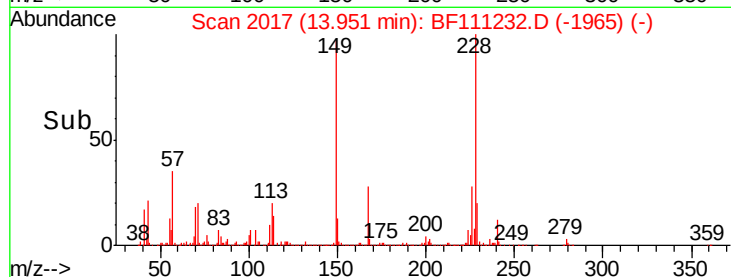
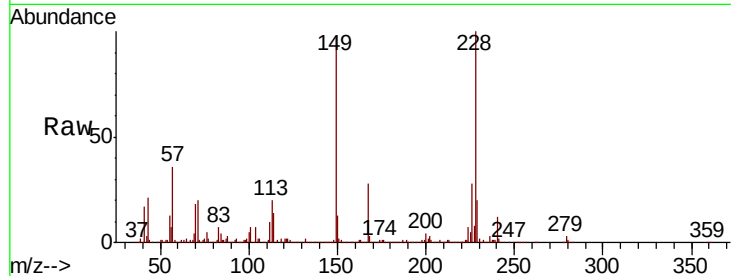
228 100

226 27.9 22.6 34.0

229 20.3 16.3 24.5

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12/11/2018 8:42:23 AM



#82

3,3'-Dichlorobenzidine

Concen: 32.725 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

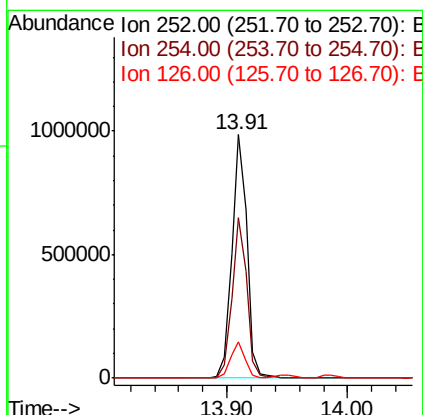
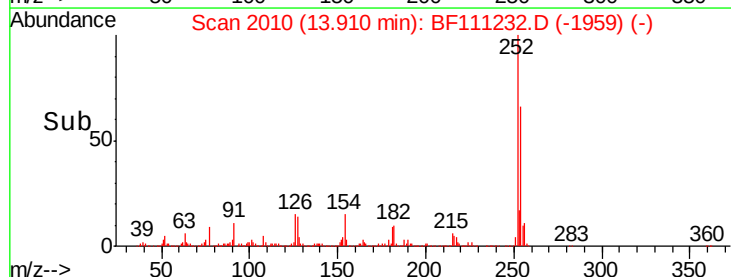
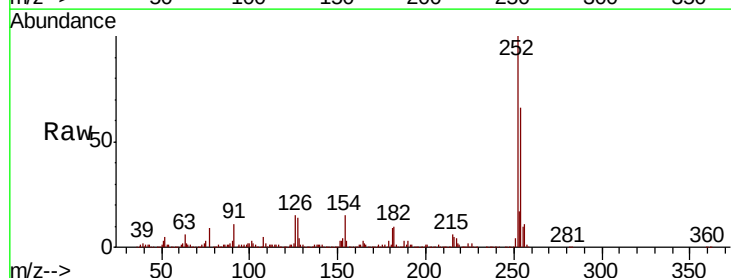
Tgt Ion:252 Resp: 853527

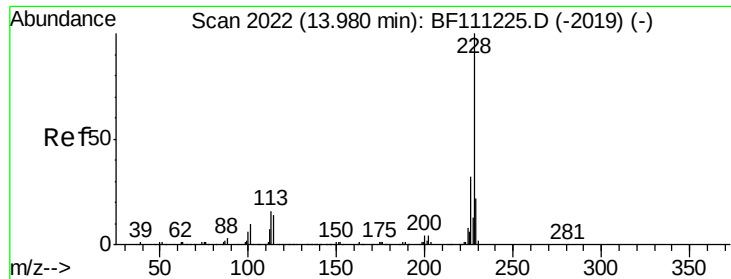
Ion Ratio Lower Upper

252 100

254 66.0 52.7 79.1

126 14.9 11.1 16.7





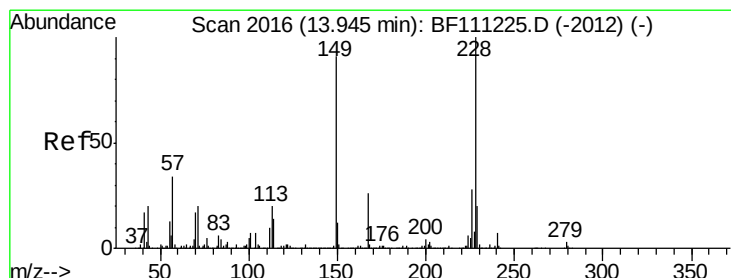
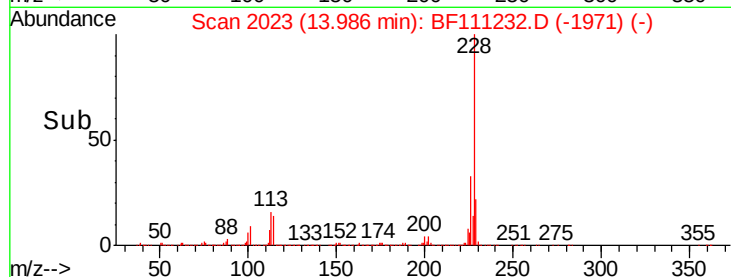
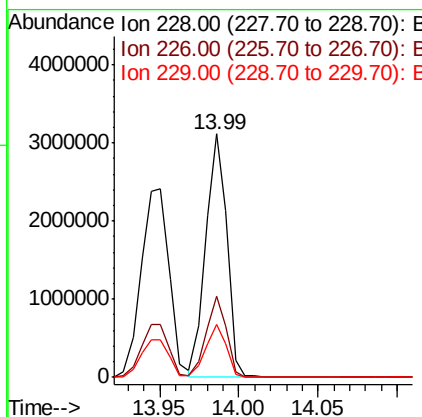
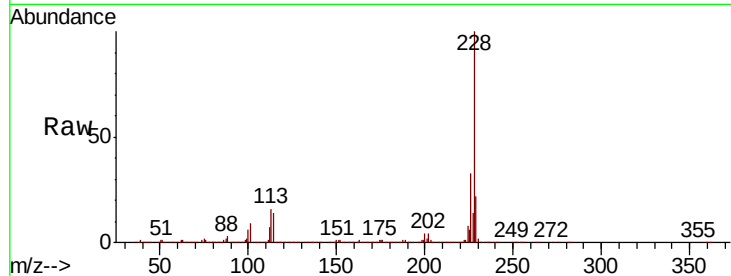
#83
Chrysene
Concen: 44.353 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion:228 Resp: 2909605
Ion Ratio Lower Upper
228 100
226 33.1 25.3 37.9
229 21.6 17.2 25.8

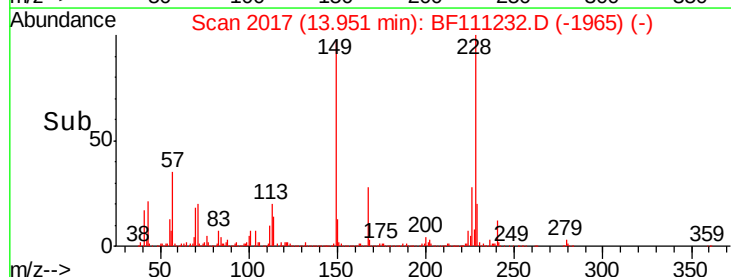
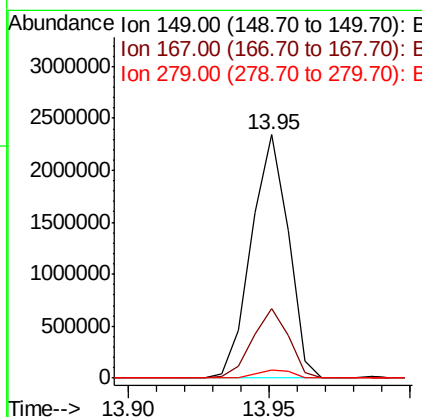
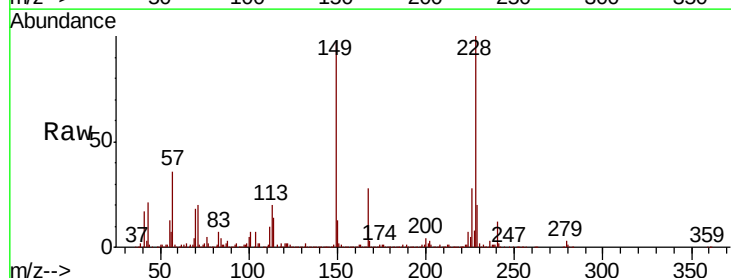
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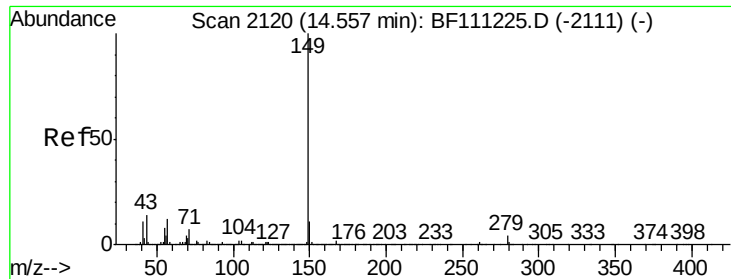
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.031 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:149 Resp: 2126294
Ion Ratio Lower Upper
149 100
167 28.7 22.5 33.7
279 3.5 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 42.181 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion:149 Resp: 3576626

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

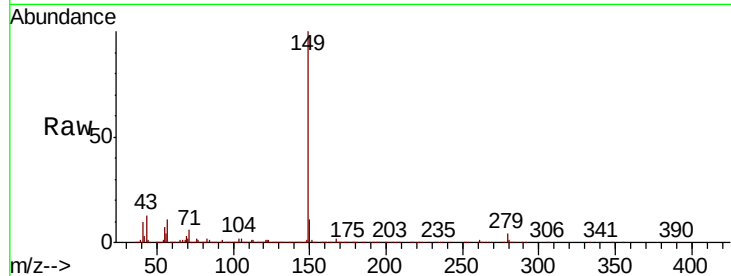
43 13.3 10.9 16.3

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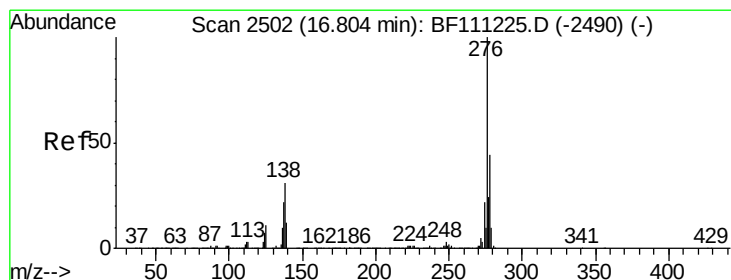
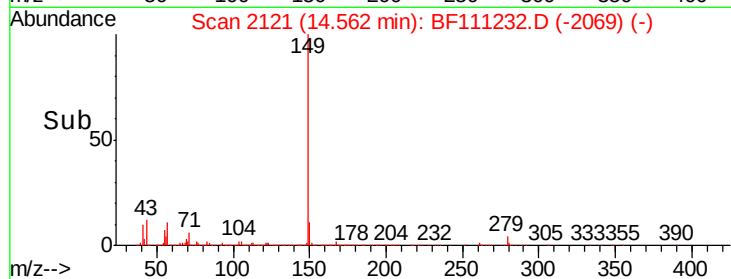
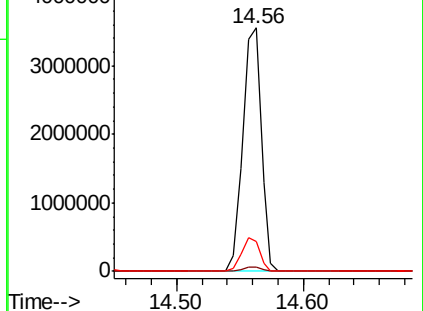
12/11/2018 8:42:23 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.740 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

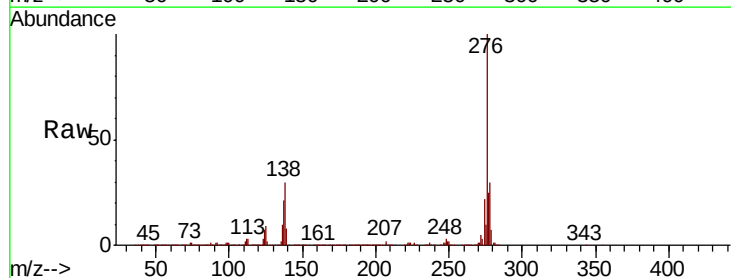
Tgt Ion:276 Resp: 2528052

Ion Ratio Lower Upper

276 100

138 34.6 27.8 41.6

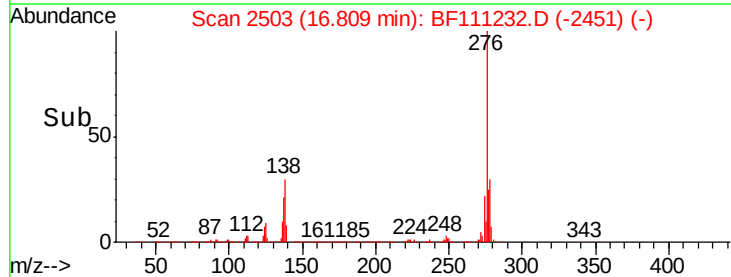
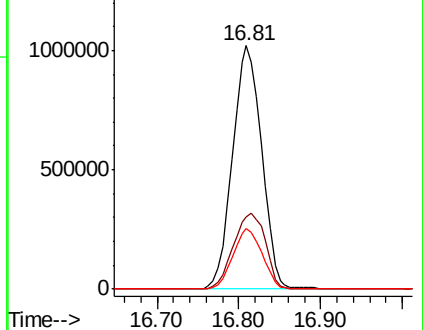
277 25.0 20.1 30.1

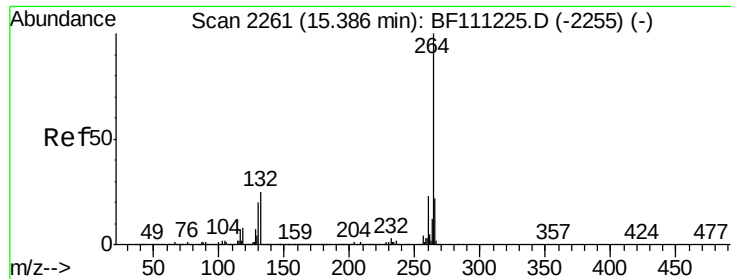


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





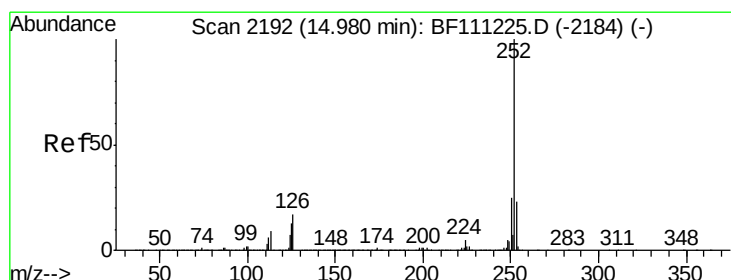
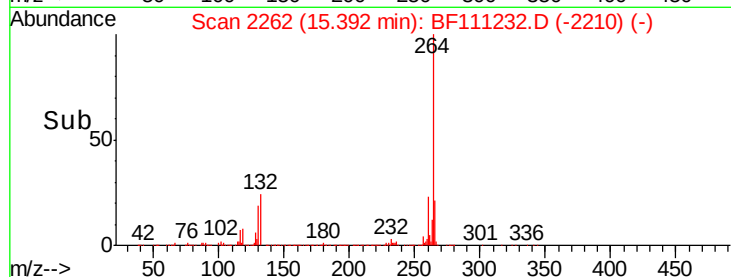
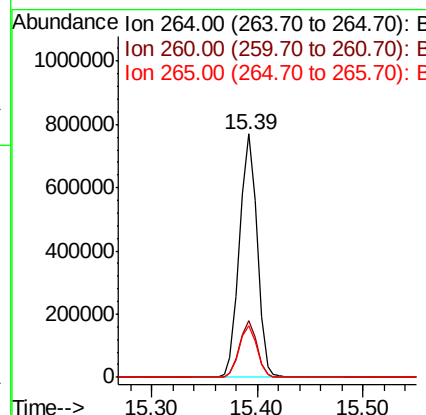
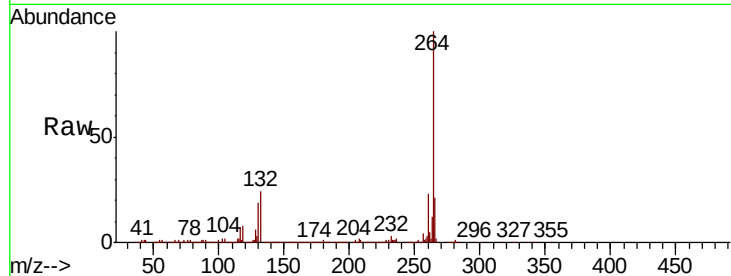
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampled :
PB115080BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.4	17.7	26.5

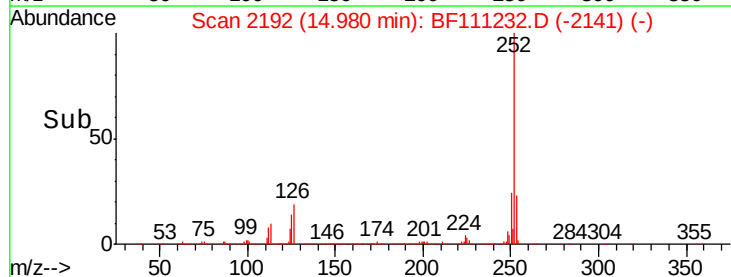
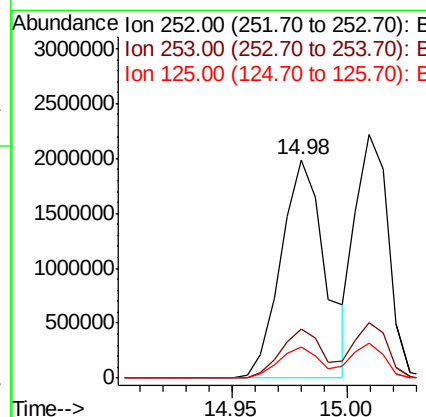
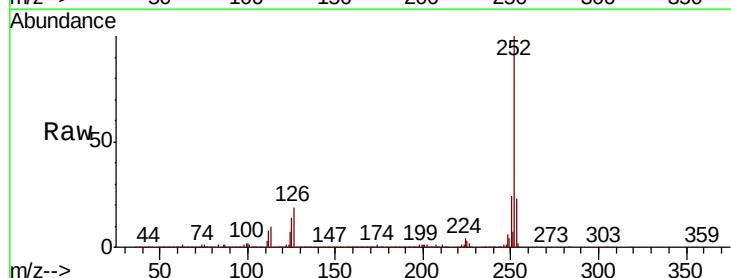
Manual Integrations
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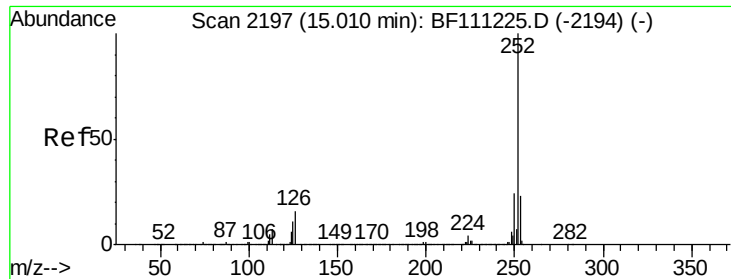
Sohil
12/11/2018 8:42:23 AM



#88
Benzo(b)fluoranthene
Concen: 54.033 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	14.4	10.4	15.6





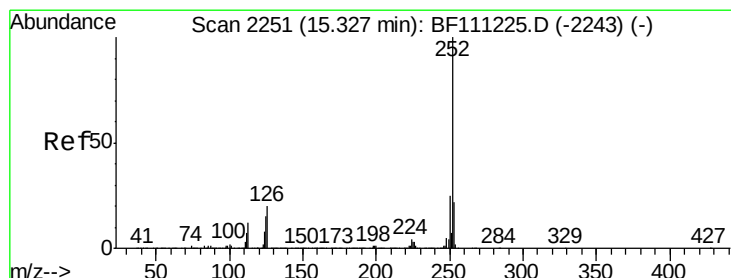
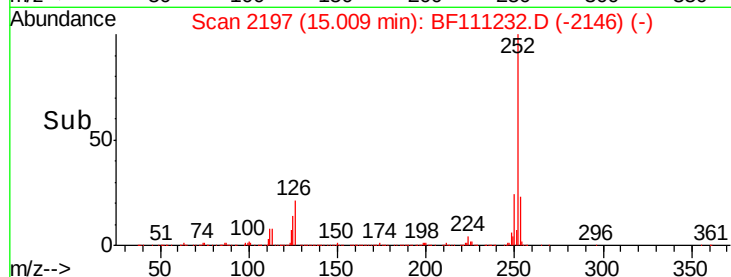
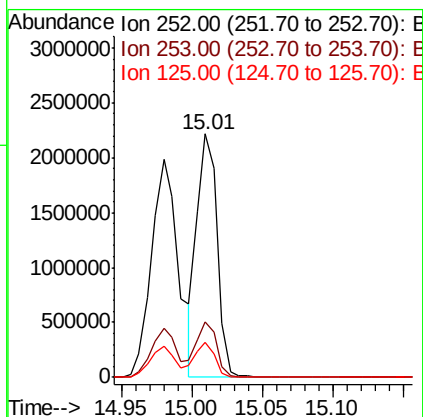
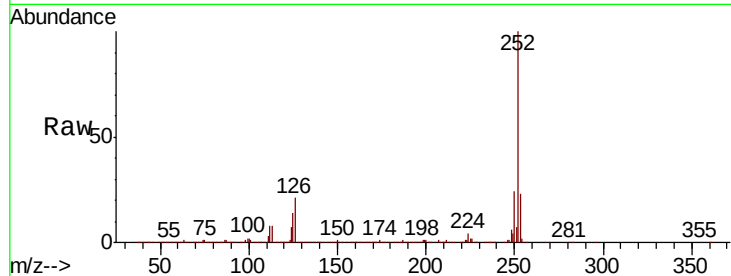
#89
Benzo(k)fluoranthene
Concen: 48.124 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Instrument :
BNA_F
ClientSampleId :
PB115080BS

Tot Ion:252 Resp: 2202141
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 14.3 9.8 14.8

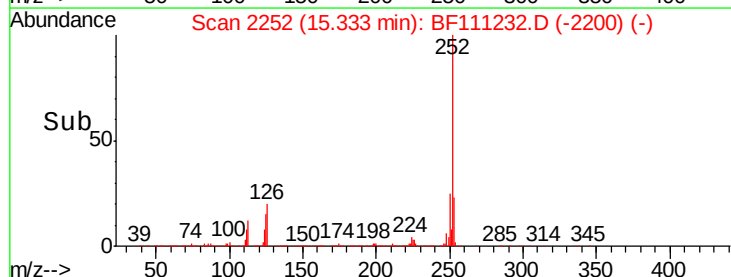
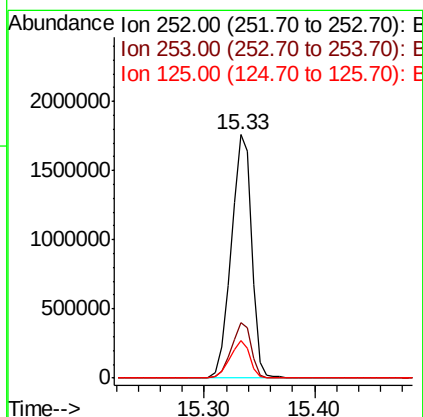
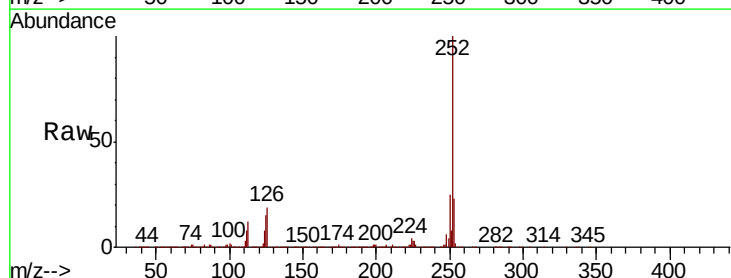
Manual Integrations
APPROVED

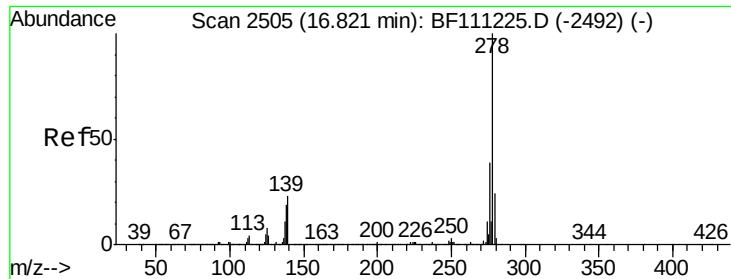
Sohil
12/11/2018 8:42:23 AM



#90
Benzo(a)pyrene
Concen: 51.026 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111232.D
Acq: 10 Dec 2018 10:34

Tgt Ion:252 Resp: 2286962
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 15.3 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 59.006 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

Instrument :

BNA_F

ClientSampleId :

PB115080BS

Tot Ion:278 Resp: 2077210

Ion Ratio Lower Upper

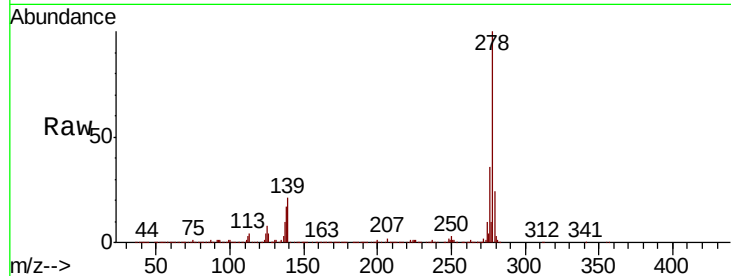
278 100

139 21.0 18.2 27.4

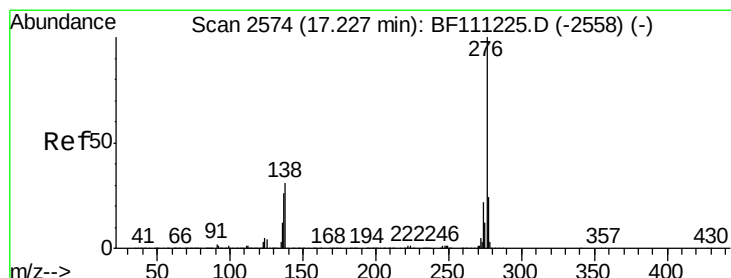
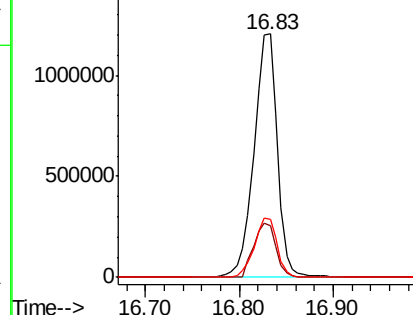
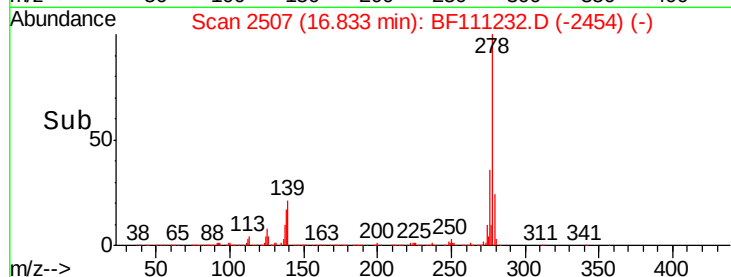
279 23.9 19.0 28.6

Manual Integrations
APPROVED

Sohil
12/11/2018 8:42:23 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 62.121 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF111232.D

Acq: 10 Dec 2018 10:34

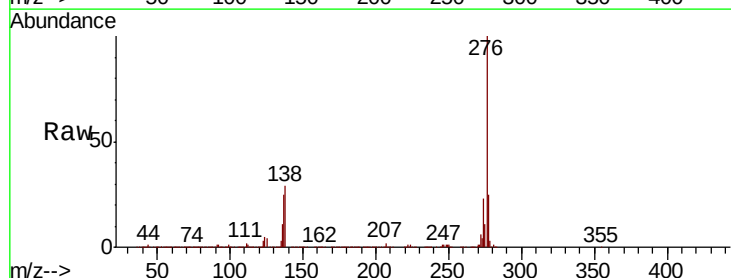
Tgt Ion:276 Resp: 2189142

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 29.4 24.9 37.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

