

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111314.D
 Acq On : 12 Dec 2018 10:14
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
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Sohil
 12/13/2018 6:05:48 PM

Quant Time: Dec 12 11:53:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 11:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	347326	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1467835	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	696154	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1182550	20.00	ng	0.00
76) Chrysene-d12	13.95	240	897573	20.00	ng	0.00
87) Perylene-d12	15.39	264	753842	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	430958	19.59	ng	0.00
7) Phenol-d6	6.42	99	601442	22.00	ng	-0.02
23) Nitrobenzene-d5	7.35	82	549760	21.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	135437	21.96	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1065470	24.14	ng	0.00
79) Terphenyl-d14	12.90	244	889604	23.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.53	88	103651	9.184	ng	97
3) Pyridine	3.26	79	237490	7.921	ng	95
4) n-Nitrosodimethylamine	3.18	42	108491	8.487	ng	95
6) Aniline	6.45	93	338290	9.282	ng	99
8) 2-Chlorophenol	6.57	128	271357	10.853	ng	98
9) Benzaldehyde	6.33	77	203049	11.969	ng	98
10) Phenol	6.43	94	340141	10.642	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	259619	10.503	ng	99
12) 1,3-Dichlorobenzene	6.73	146	295649	11.005	ng	97
13) 1,4-Dichlorobenzene	6.81	146	300072	11.062	ng	98
14) 1,2-Dichlorobenzene	6.96	146	287034	11.345	ng	98
15) Benzyl Alcohol	6.93	79	231318	10.693	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	513455	11.094	ng	99
17) 2-Methylphenol	7.05	107	214388	10.503	ng	96
18) Hexachloroethane	7.31	117	107061	10.367	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	196783	10.746	ng	92
20) 3+4-Methylphenols	7.20	107	277206	11.417	ng	92
22) Acetophenone	7.20	105	371789	11.070	ng	# 92
24) Nitrobenzene	7.37	77	276898	10.166	ng	94
25) Isophorone	7.61	82	462119	10.368	ng	99
26) 2-Nitrophenol	7.69	139	134046	9.905	ng	98
27) 2,4-Dimethylphenol	7.73	122	212695	10.171	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	327018	10.595	ng	98
29) 2,4-Dichlorophenol	7.93	162	222418	10.402	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	226657	10.761	ng	99
31) Naphthalene	8.10	128	762844	11.908	ng	96
32) Benzoic acid	7.81	122	161873m	9.361	ng	
33) 4-Chloroaniline	8.14	127	298850	9.713	ng	98
34) Hexachlorobutadiene	8.22	225	126340	10.867	ng	98
35) Caprolactam	8.48	113	74813	9.874	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	238933	10.914	ng	98
37) 2-Methylnaphthalene	8.79	142	494468	11.626	ng	99
38) 1-Methylnaphthalene	8.89	142	474017	11.381	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	216906	11.198	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	105014	9.519	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	147844	10.168	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	156674	10.344	nq	95
46) 1,1'-Biphenyl	9.25	154	670393	11.456	nq	94
47) 2-Chloronaphthalene	9.27	162	501410	11.008	nq	95
48) 2-Nitroaniline	9.36	65	151091	9.724	nq	98
49) Acenaphthylene	9.69	152	737468	11.152	nq	96
50) Dimethylphthalate	9.55	163	542691	10.565	nq	97
51) 2,6-Dinitrotoluene	9.60	165	114673	10.109	nq	# 82
52) Acenaphthene	9.86	154	456990	11.012	nq	98
53) 3-Nitroaniline	9.77	138	138274	9.876	nq	94
54) 2,4-Dinitrophenol	9.88	184	32464	7.242	nq	91
55) Dibenzofuran	10.03	168	682839	12.095	nq	94
56) 4-Nitrophenol	9.93	139	93196	8.546	nq	92
57) 2,4-Dinitrotoluene	10.01	165	145565	10.409	nq	95
58) Fluorene	10.37	166	487658	11.162	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	122469	10.667	nq	97
60) Diethylphthalate	10.25	149	617931	12.618	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	244264	11.261	nq	99
62) 4-Nitroaniline	10.38	138	127908	9.655	nq	97
63) Azobenzene	10.53	77	553773	10.892	nq	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	57487	9.010	nq	89
66) n-Nitrosodiphenylamine	10.49	169	472849	11.746	nq	97
67) 4-Bromophenyl-phenylether	10.86	248	143839	11.105	nq	92
68) Hexachlorobenzene	10.93	284	149276	11.329	nq	94
69) Atrazine	11.01	200	140576	11.484	nq	97
70) Pentachlorophenol	11.12	266	91451	9.568	nq	98
71) Phenanthrene	11.34	178	693916	11.634	nq	93
72) Anthracene	11.39	178	701825	11.247	nq	95
73) Carbazole	11.54	167	723880	11.094	nq	95
74) Di-n-butylphthalate	11.88	149	838441	12.501	nq	# 95
75) Fluoranthene	12.52	202	676628	12.418	nq	98
77) Benzidine	12.64	184	129494	4.859	nq	98
78) Pyrene	12.75	202	701964	10.944	nq	95
80) Butylbenzylphthalate	13.37	149	329239	9.827	nq	94
81) Benzo(a)anthracene	13.94	228	543816	10.860	nq	97
82) 3,3'-Dichlorobenzidine	13.90	252	218945	10.668	nq	96
83) Chrysene	13.97	228	555038	10.752	nq	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	428097	10.754	nq	98
85) Di-n-octyl phthalate	14.55	149	707421	10.602	nq	98
86) Indeno(1,2,3-cd)pyrene	16.79	276	367329	8.815	nq	98
88) Benzo(b)fluoranthene	14.97	252	446653	10.714	nq	98
89) Benzo(k)fluoranthene	15.00	252	474419	12.104	nq	99
90) Benzo(a)pyrene	15.32	252	417384	10.872	nq	98
91) Dibenzo(a,h)anthracene	16.81	278	306844	10.176	nq	96
92) Benzo(g,h,i)perylene	17.22	276	292325	9.684	nq	94

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

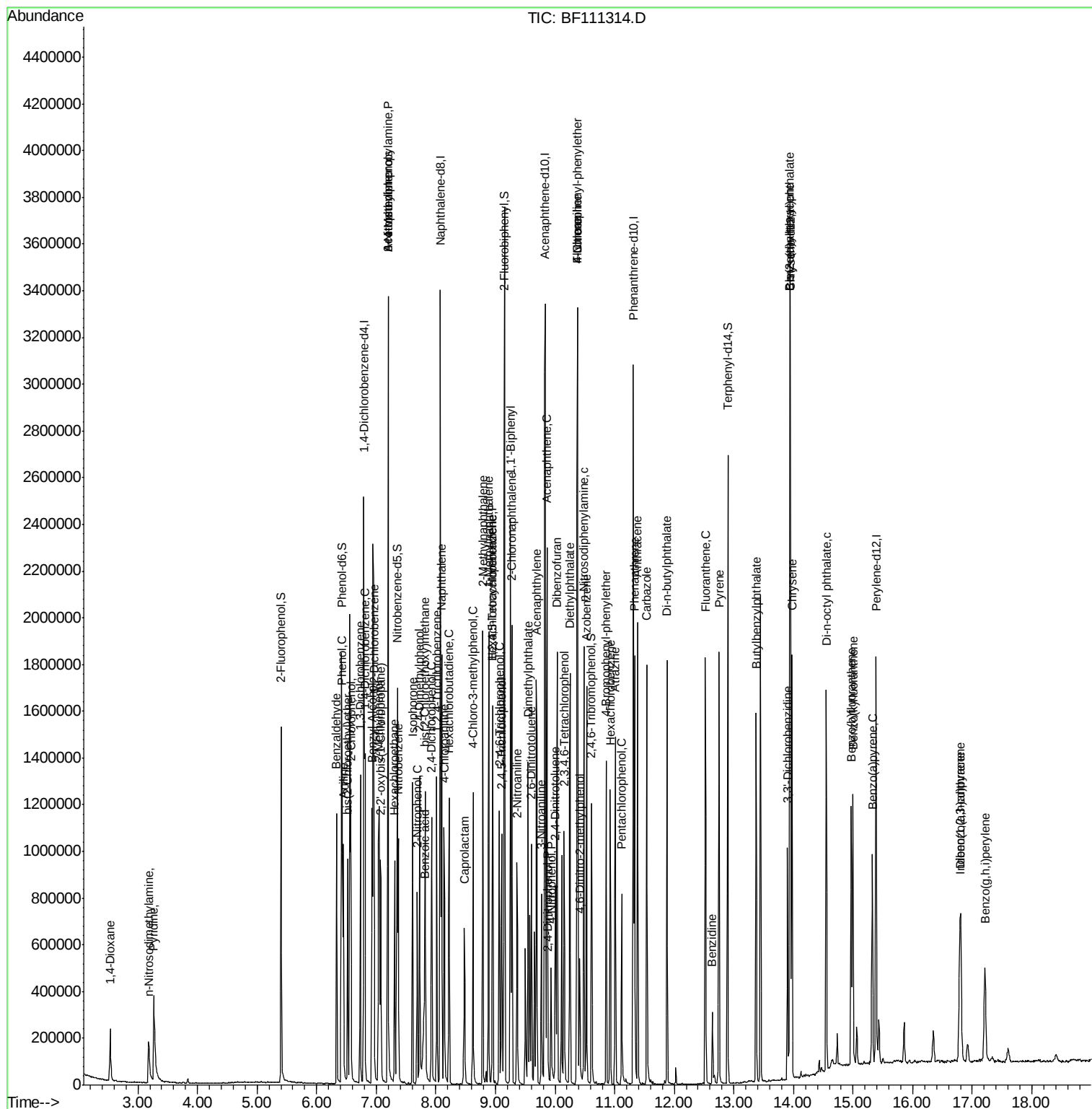
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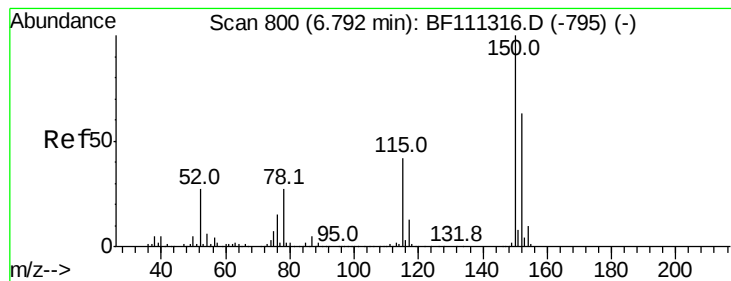
Instrument :
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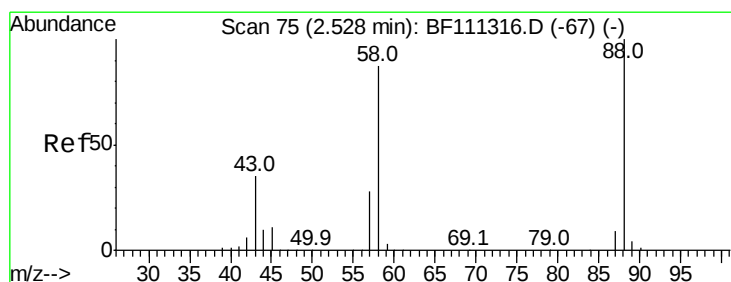
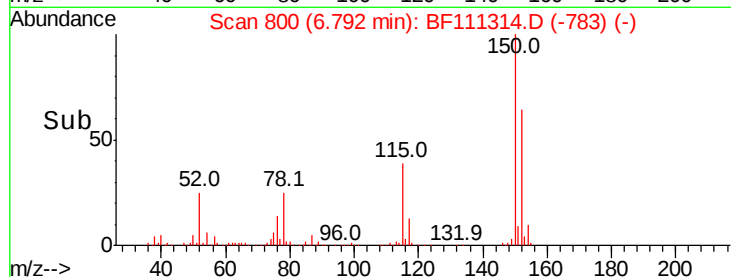
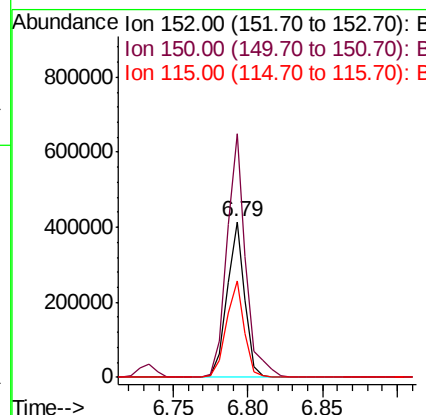
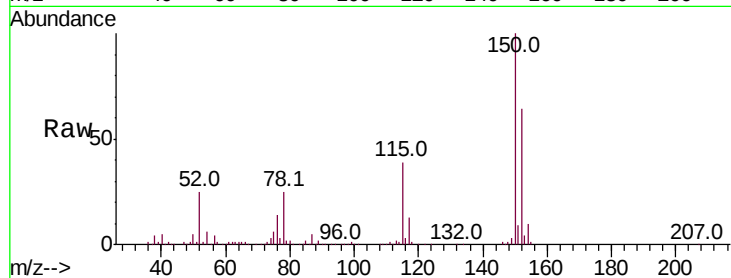
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.6	189.8
115	61.6	50.7	76.1

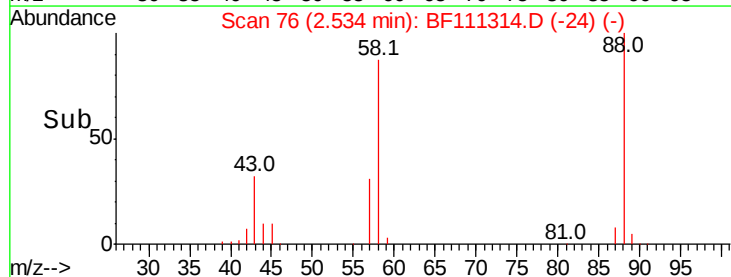
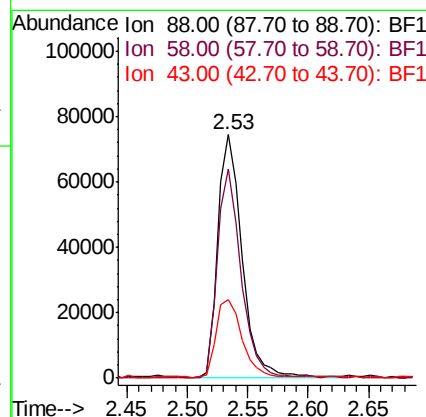
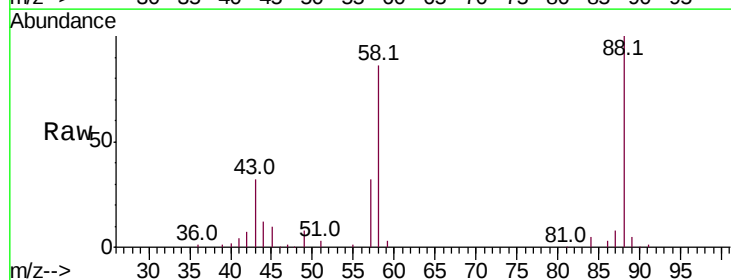
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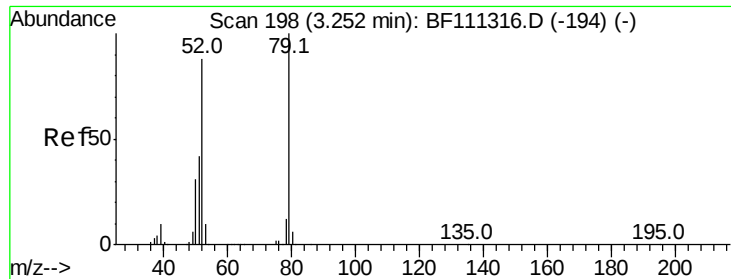
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#2
 1,4-Dioxane
 Concen: 9.184 ng
 RT: 2.53 min Scan# 76
 Delta R.T. 0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	68.9	103.3
43	34.7	25.8	38.6





#3

Pvridine

Concen: 7.921 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

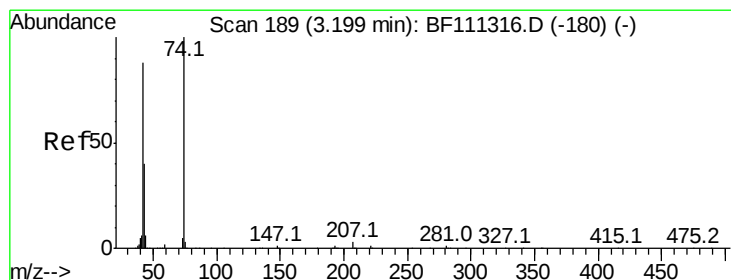
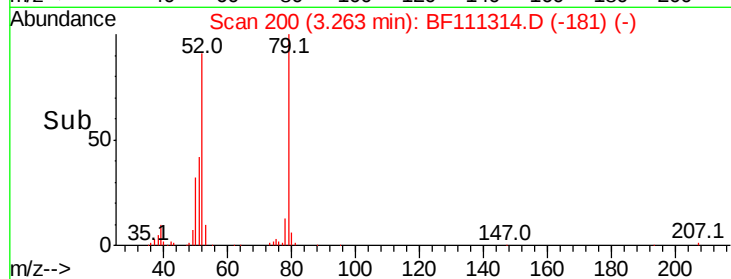
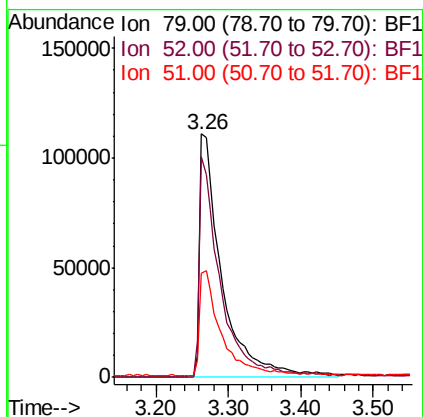
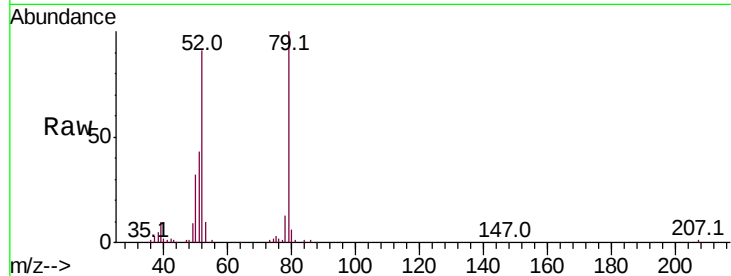
ClientSampleId :

SSTDIC010

Tot Ion:	79	Resp:	237490
Ion Ratio	Lower	Upper	
79	100		
52	90.6	68.3	102.5
51	42.7	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 8.487 ng

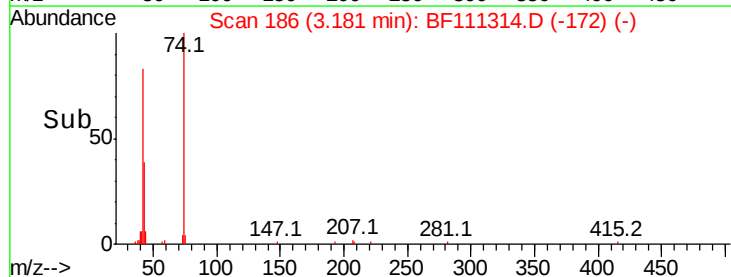
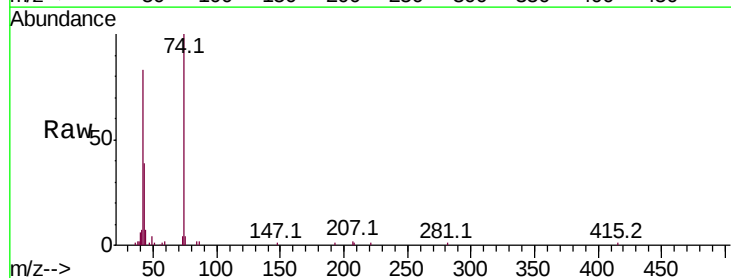
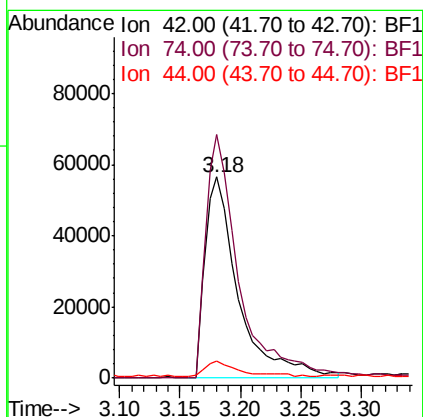
RT: 3.18 min Scan# 186

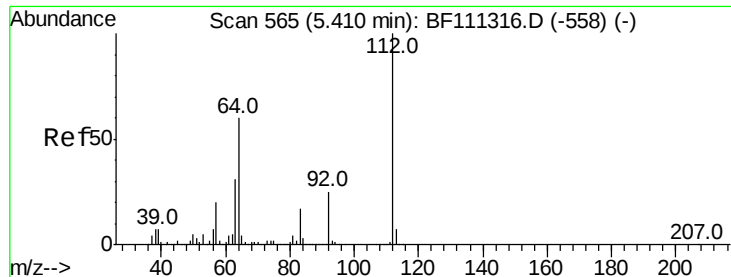
Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:	42	Resp:	108491
Ion Ratio	Lower	Upper	
42	100		
74	121.0	101.5	152.3
44	8.4	6.0	9.0





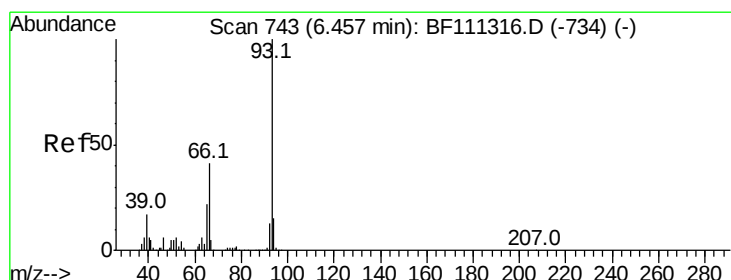
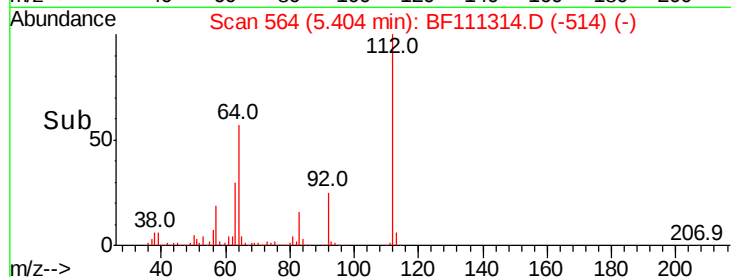
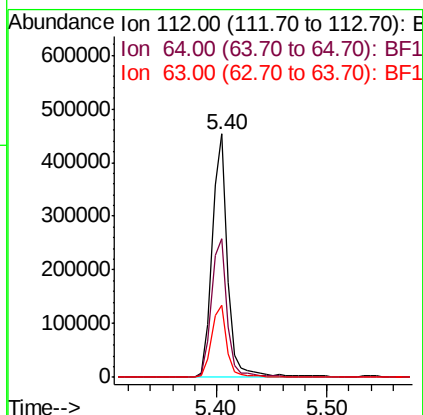
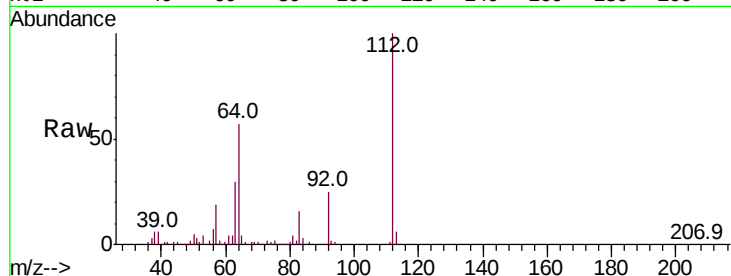
#5
2-Fluorophenol
Concen: 19.593 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

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SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
112	100	430958		
64	56.9	51.8	77.6	
63	29.8	26.8	40.2	

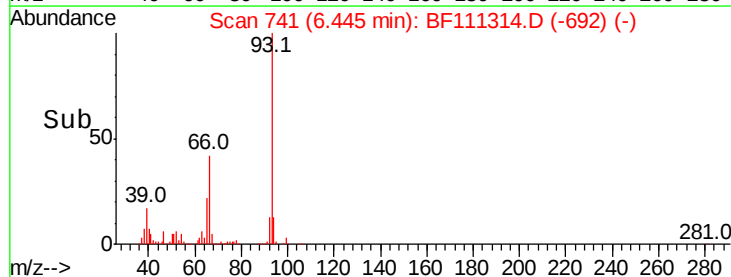
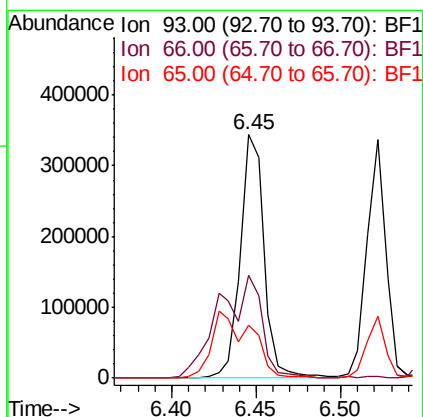
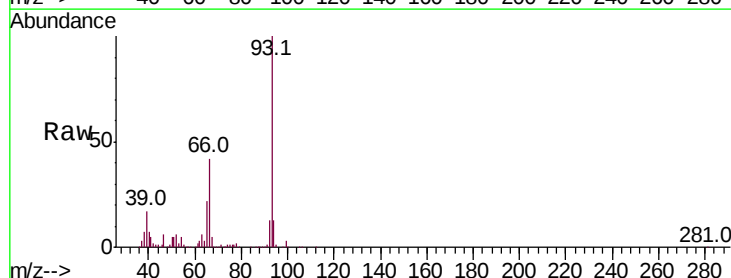
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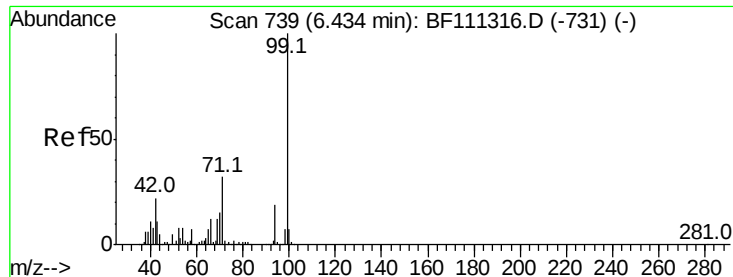
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#6
Aniline
Concen: 9.282 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	338290		
66	42.3	33.2	49.8	
65	21.6	17.0	25.4	





#7

Phenol-d6

Concen: 22.003 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

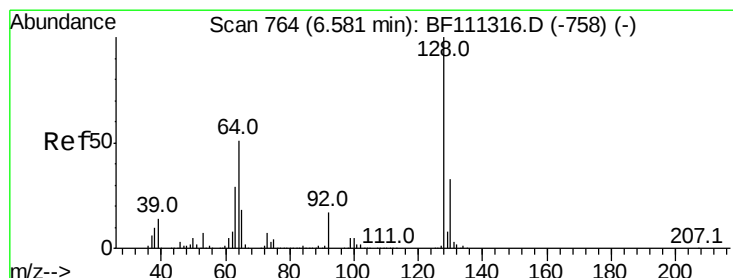
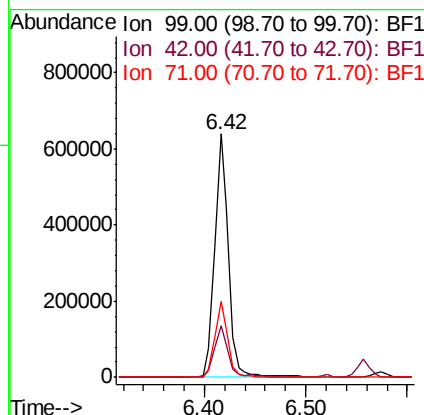
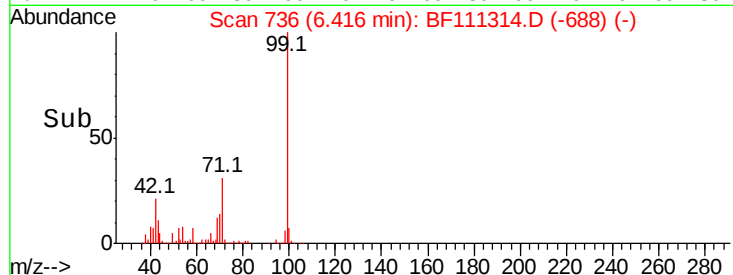
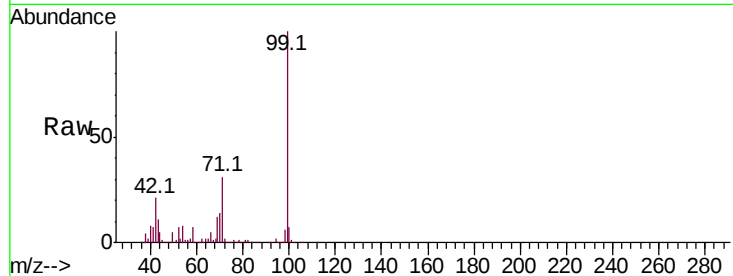
ClientSampleId :

SSTDIC010

Tot Ion:	99	Resp:	601442
Ion Ratio	Lower	Upper	
99	100		
42	21.0	17.4	26.0
71	31.1	26.1	39.1

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#8

2-Chlorophenol

Concen: 10.853 ng

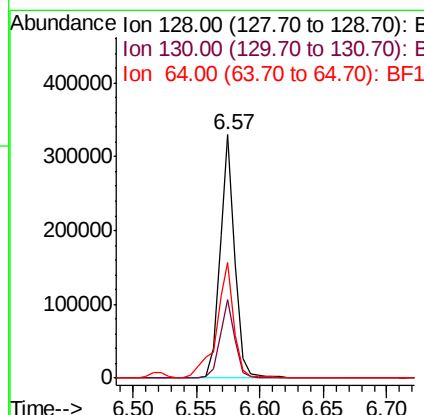
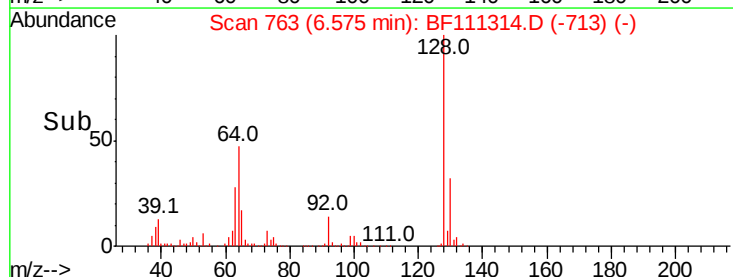
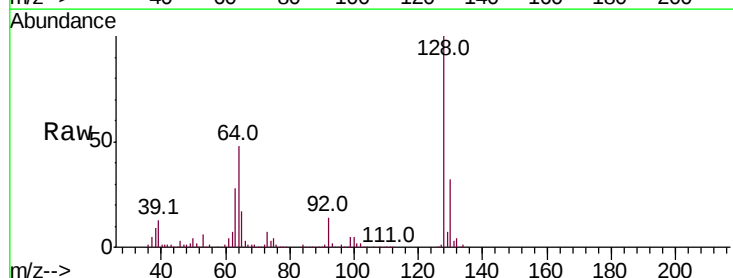
RT: 6.57 min Scan# 763

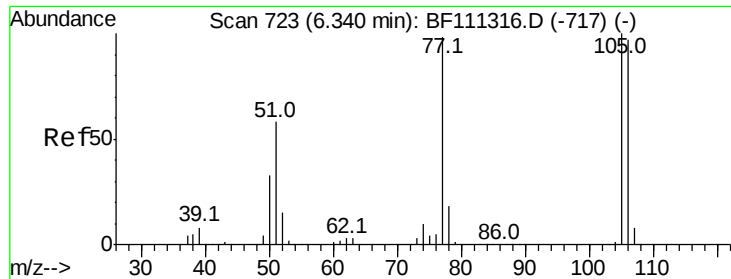
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:	128	Resp:	271357
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.7	52.7
64	47.5	30.0	70.0





#9

Benzaldehyde

Concen: 11.969 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tot Ion: 77 Resp: 203049

Ion Ratio Lower Upper

77 100

105 99.3 81.4 121.4

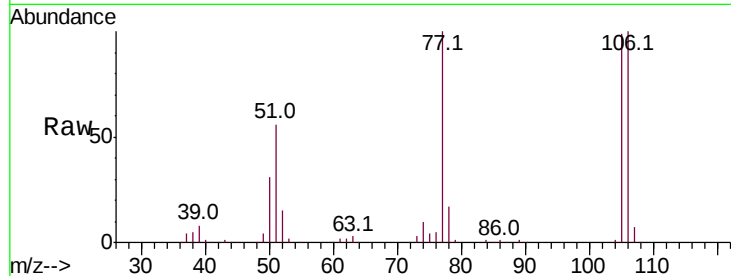
106 99.7 77.9 117.9

Manual Integrations

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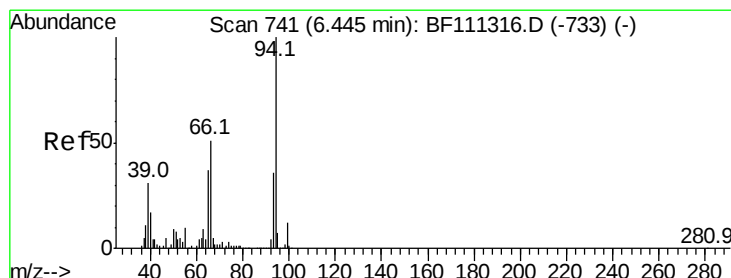
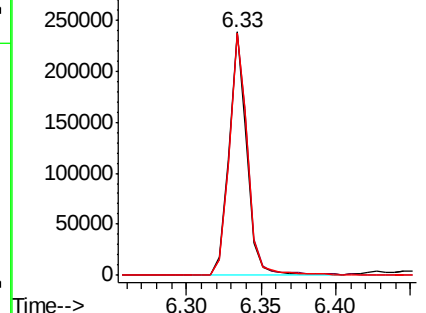
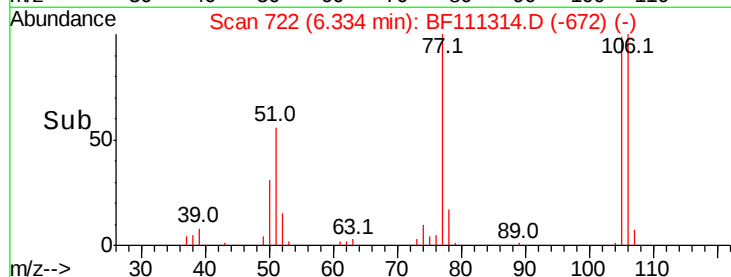
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 10.642 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

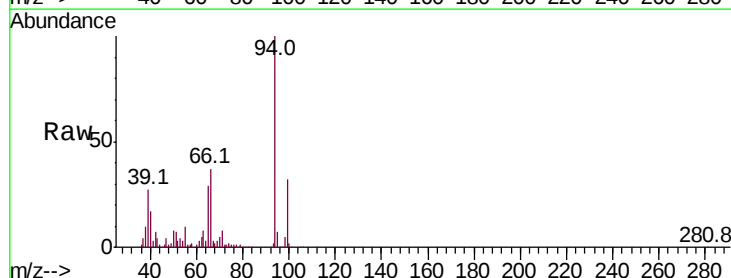
Tgt Ion: 94 Resp: 340141

Ion Ratio Lower Upper

94 100

65 28.8 11.7 51.7

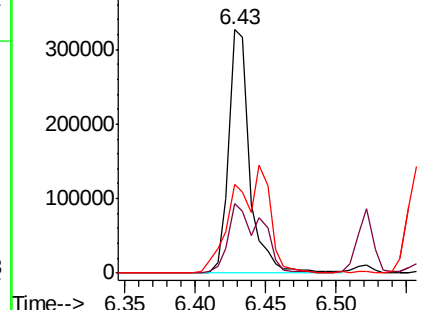
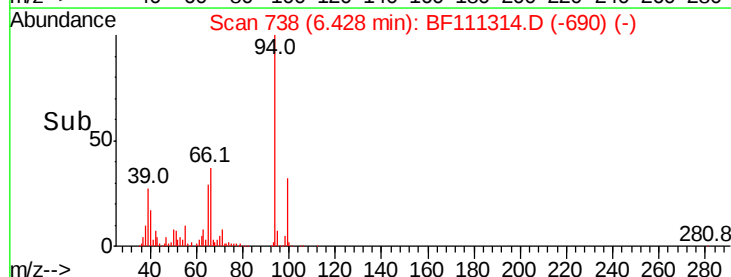
66 36.5 21.0 61.0

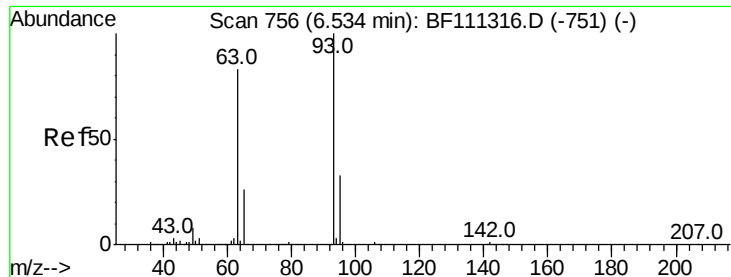


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





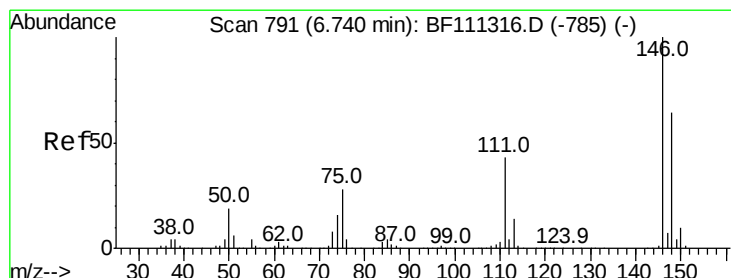
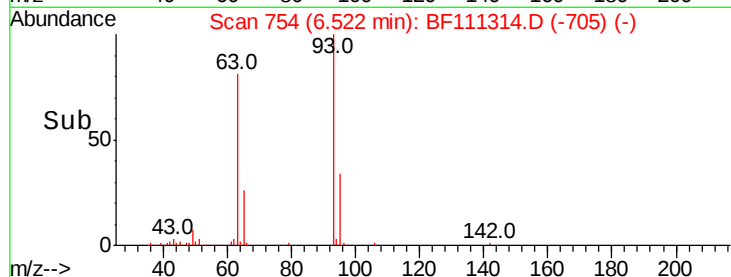
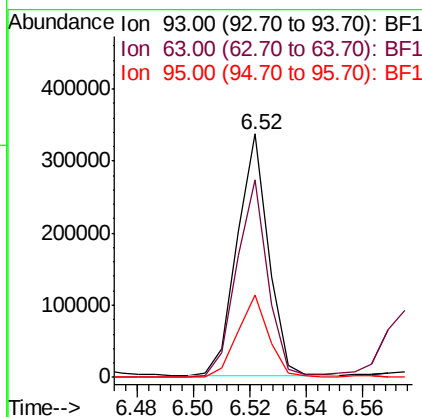
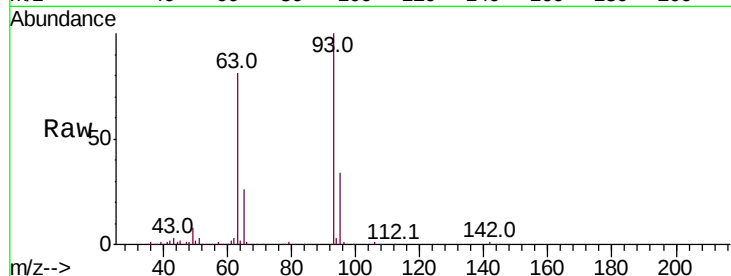
#11
bis(2-Chloroethyl)ether
Concen: 10.503 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.3	60.0	100.0
95	33.9	13.4	53.4

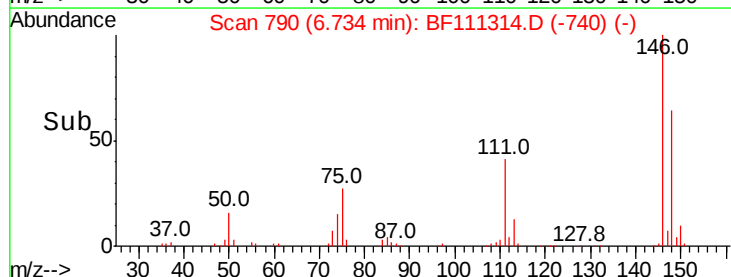
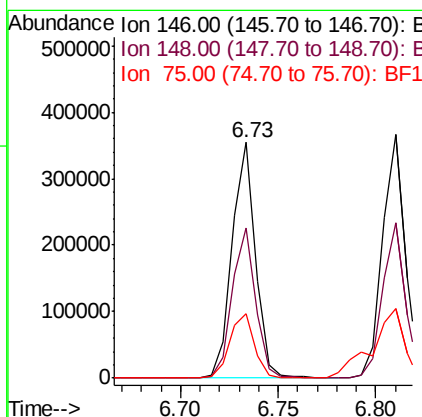
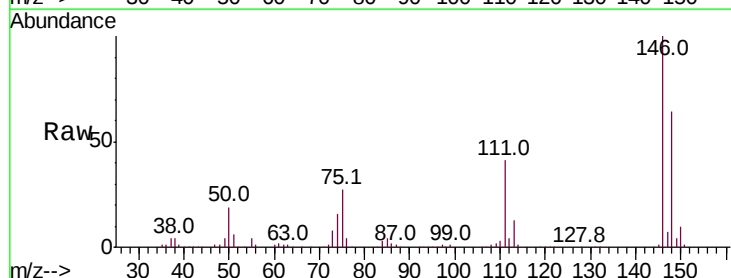
Manual Integrations
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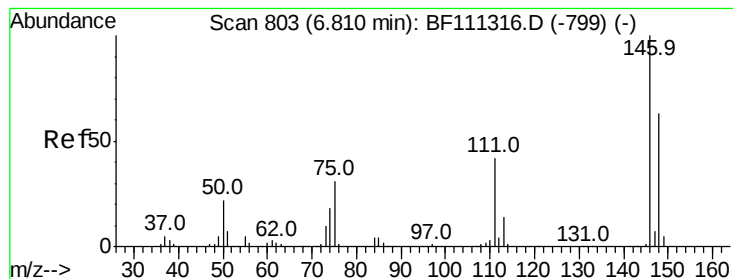
Sohil
12/13/2018 6:05:48 PM



#12
1,3-Dichlorobenzene
Concen: 11.005 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	27.5	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 11.062 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

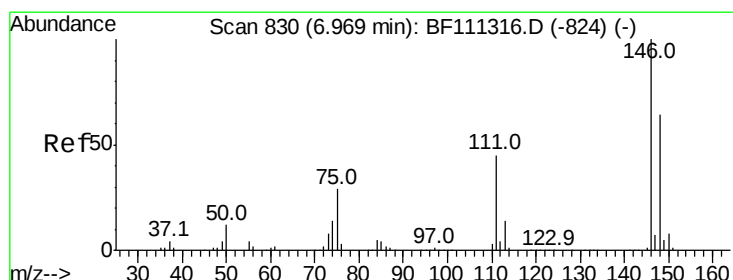
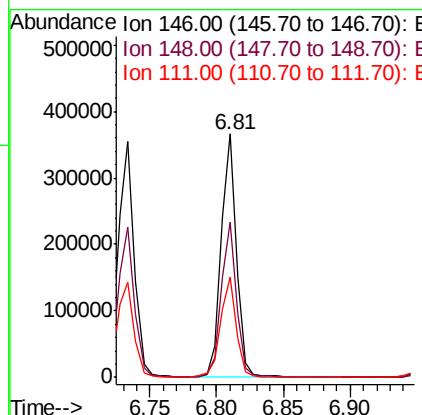
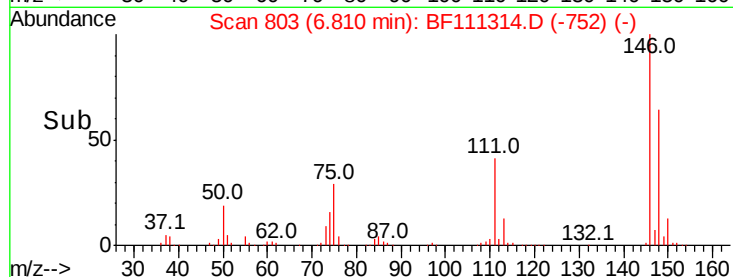
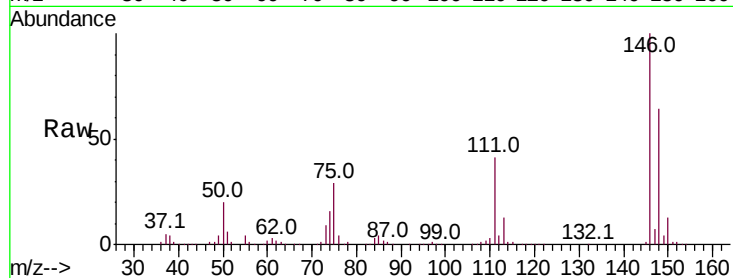
ClientSampled :

SSTDICC010

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.8	79.2
111	41.2	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 11.345 ng

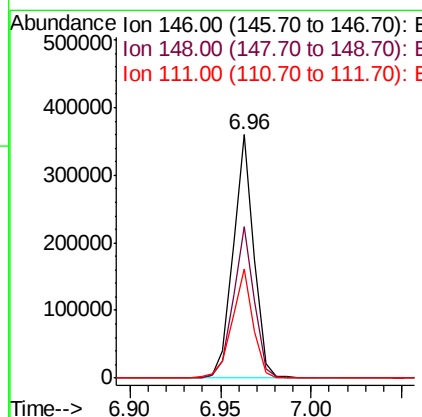
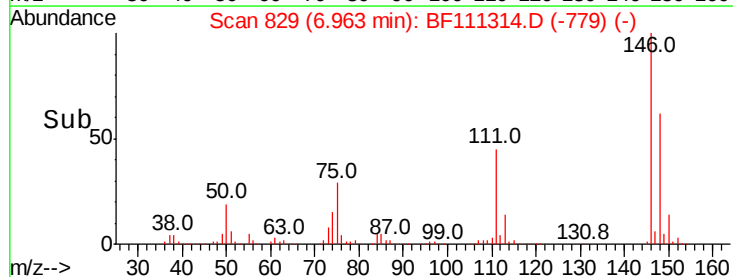
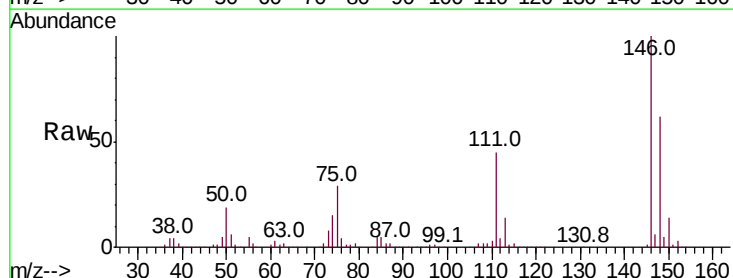
RT: 6.96 min Scan# 829

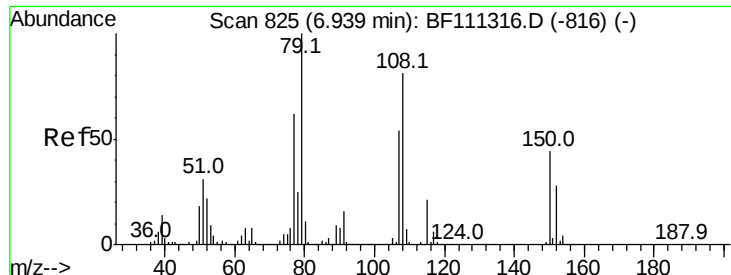
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.9	77.9
111	45.0	36.2	54.4





#15

Benzyl Alcohol

Concen: 10.693 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

Tot Ion: 79 Resp: 231318

Ion Ratio Lower Upper

79 100

108 81.5 69.4 104.2

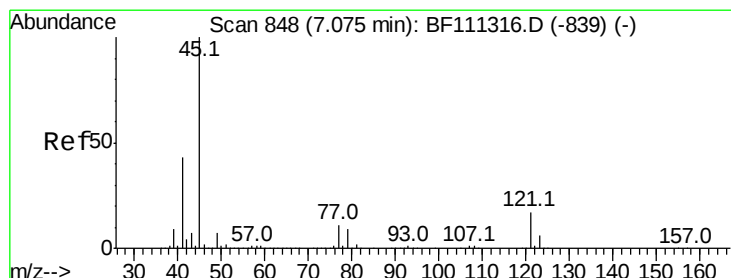
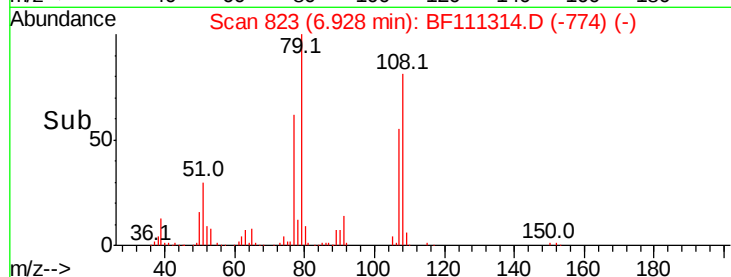
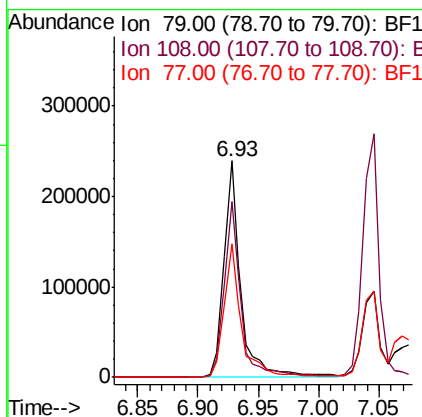
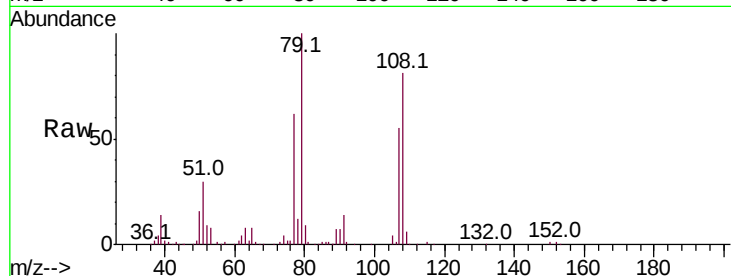
77 62.0 49.7 74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 11.094 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

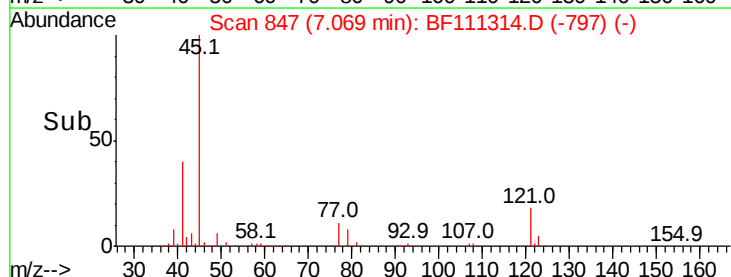
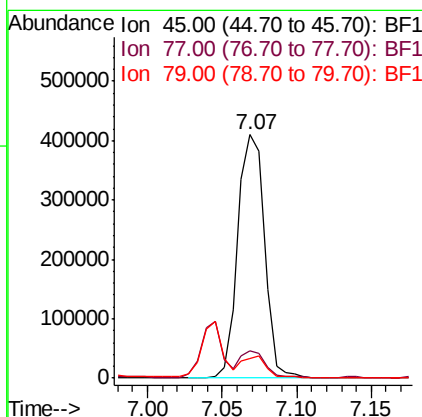
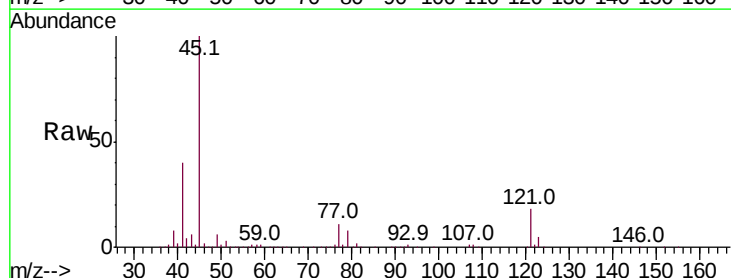
Tgt Ion: 45 Resp: 513455

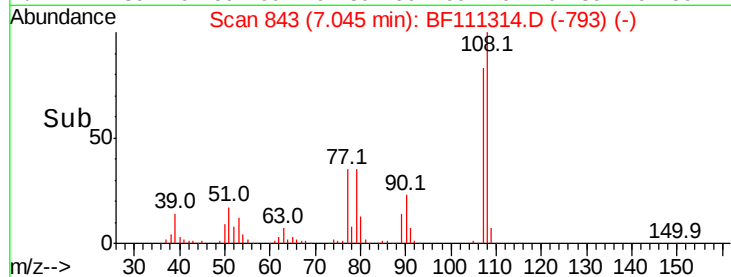
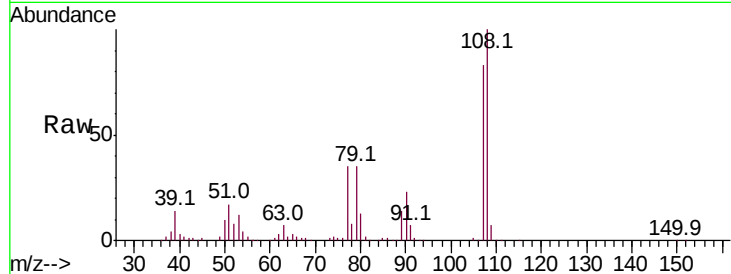
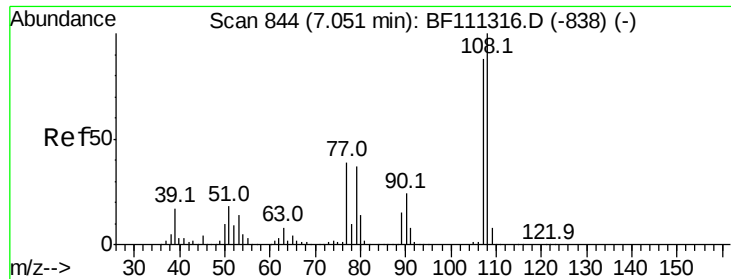
Ion Ratio Lower Upper

45 100

77 11.2 0.0 31.5

79 8.2 0.0 28.9





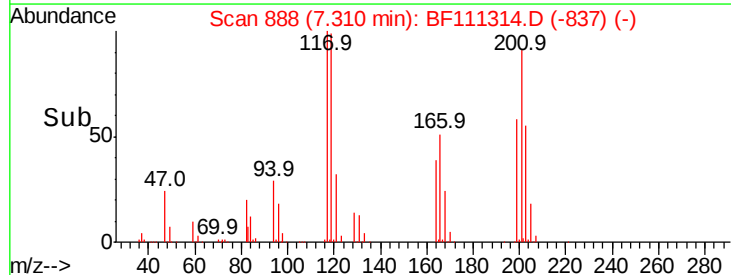
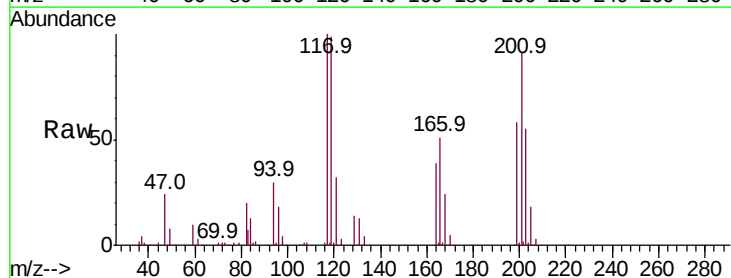
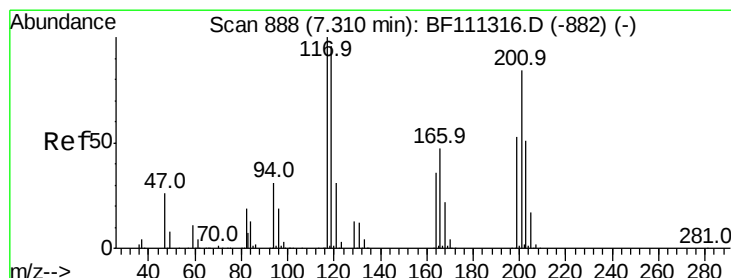
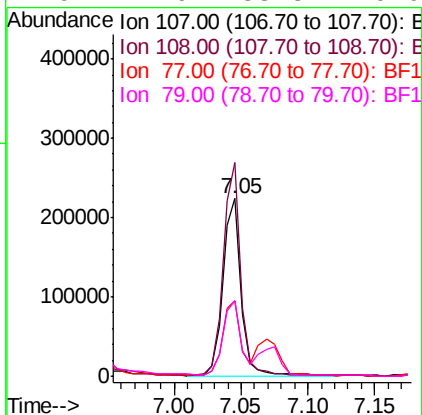
#17
2-Methylphenol
Concen: 10.503 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	120.2	91.0	136.4	
77	42.4	33.5	50.3	
79	42.6	33.3	49.9	

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

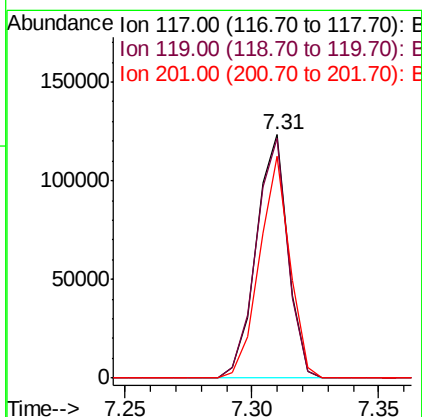
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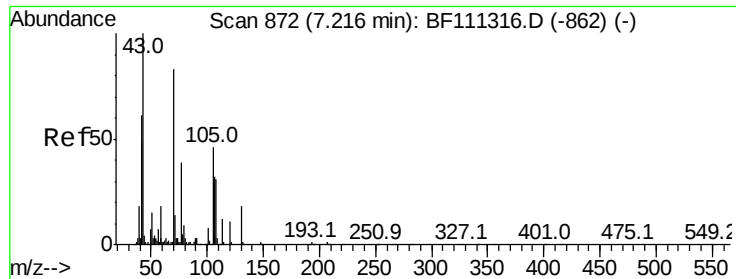
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#18
Hexachloroethane
Concen: 10.367 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	75.4	113.0	
201	90.9	62.4	93.6	





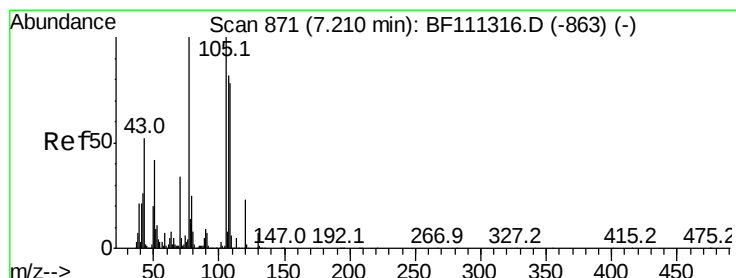
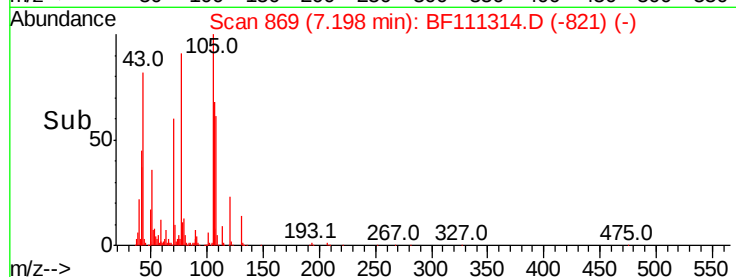
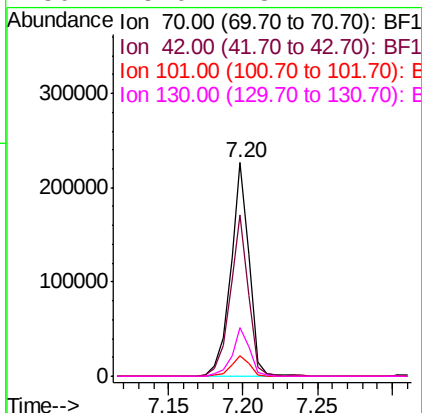
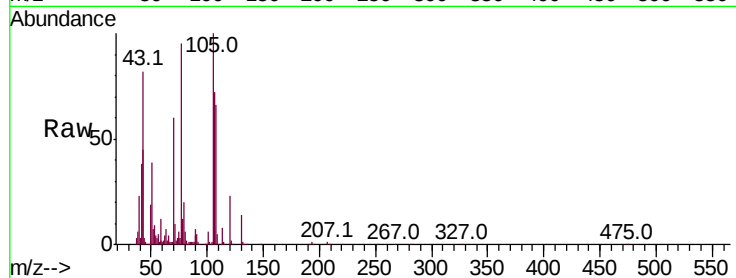
#19
n-Nitroso-di-n-propylamine
Concen: 10.746 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.3	53.2	79.8
101	9.7	8.2	12.4
130	23.0	18.1	27.1

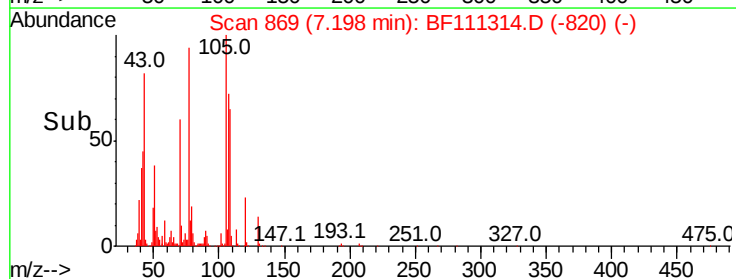
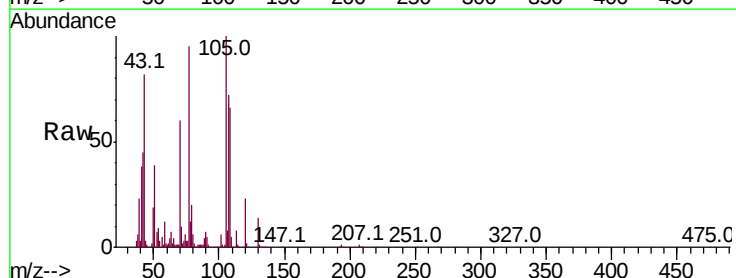
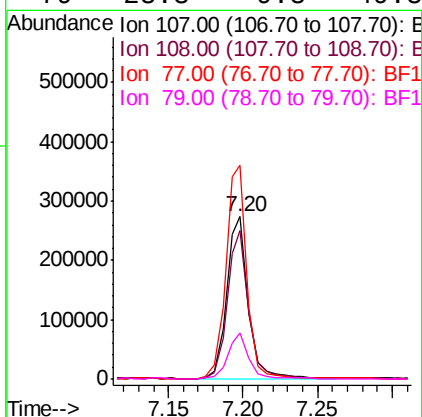
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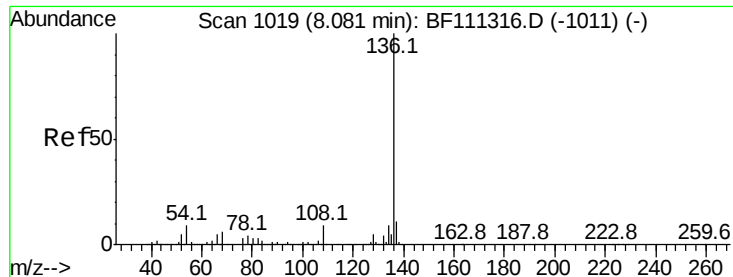
Sohil
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#20
3+4-Methylphenols
Concen: 11.417 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.1	112.1
77	131.8	94.1	134.1
79	28.3	9.8	49.8





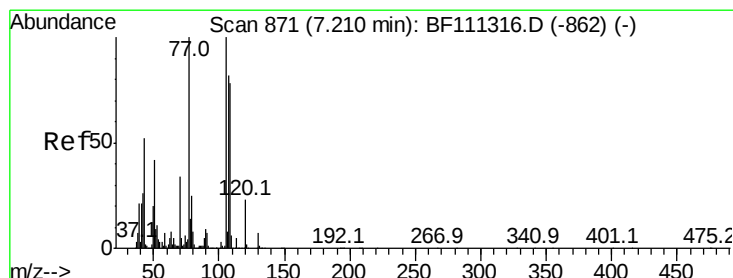
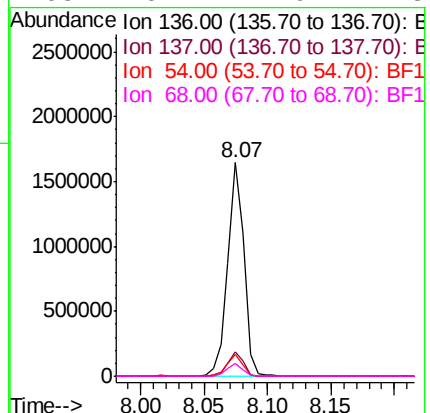
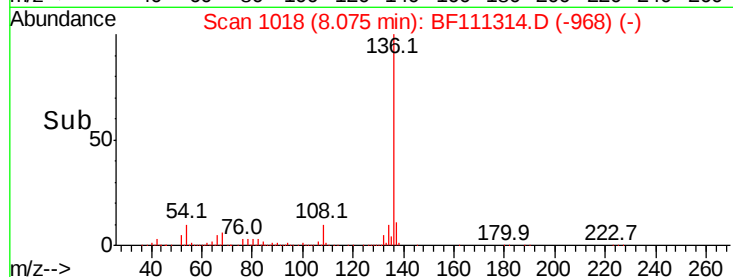
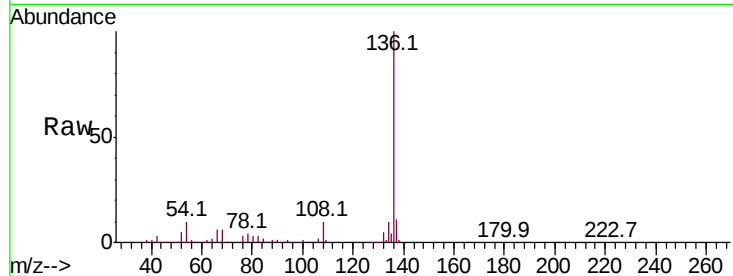
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.1	7.7	11.5
68	6.1	4.9	7.3

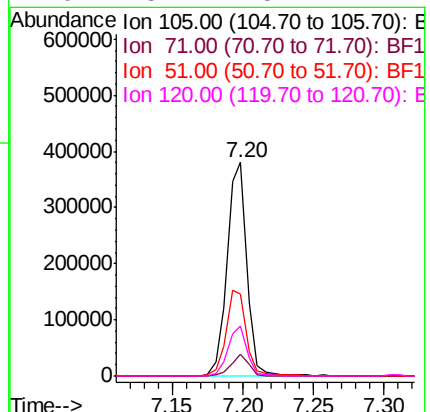
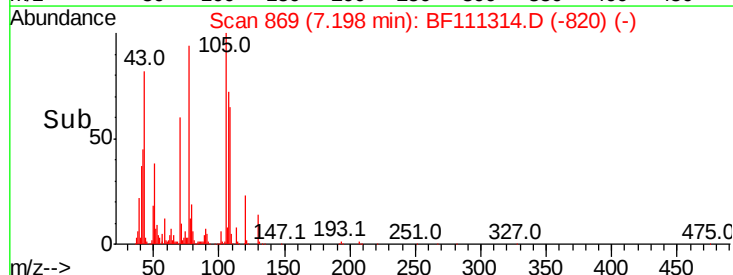
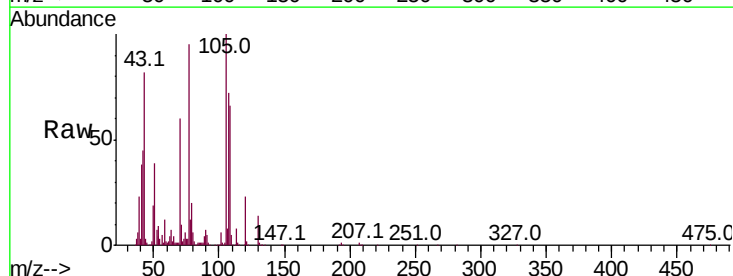
Manual Integrations
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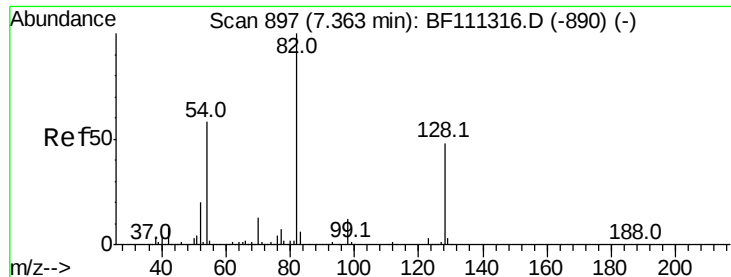
Sohil
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#22
Acetophenone
Concen: 11.070 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
105	100		
71	10.4	3.1	4.7#
51	38.6	36.6	54.8
120	23.4	18.2	27.4





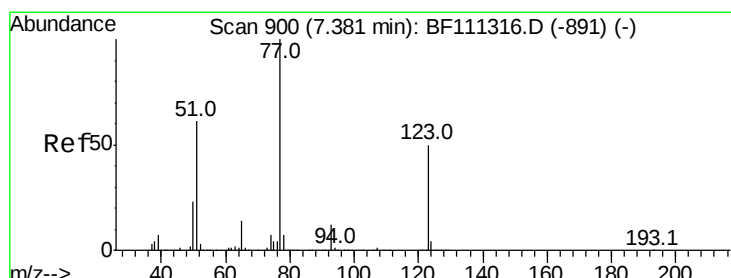
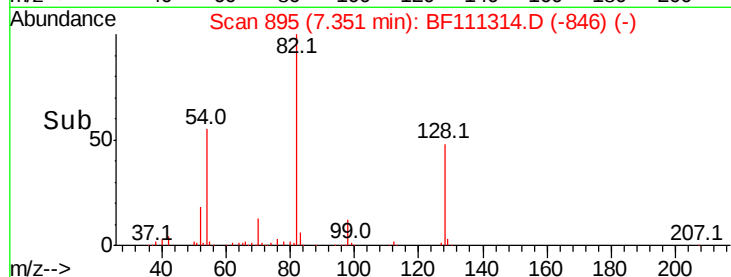
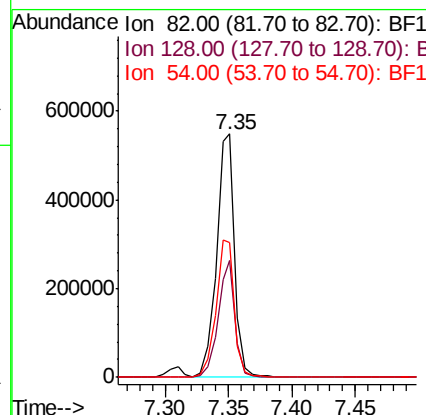
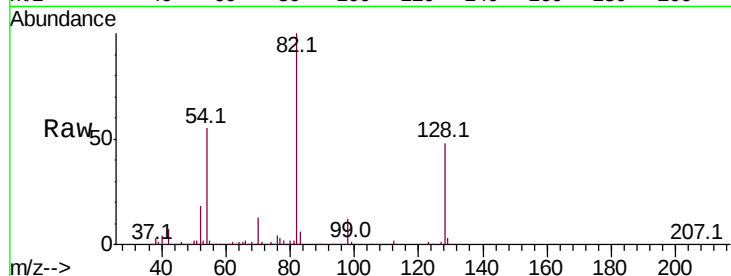
#23
 Nitrobenzene-d5
 Concen: 21.007 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.4	56.2
54	55.2	47.6	71.4

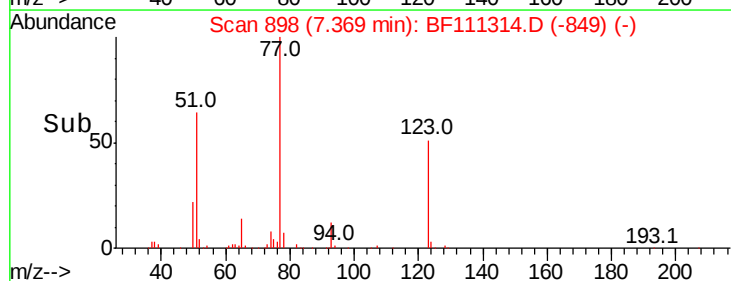
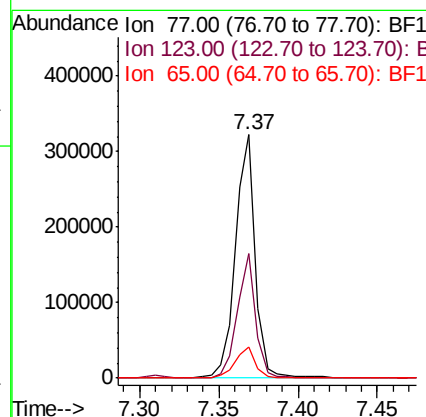
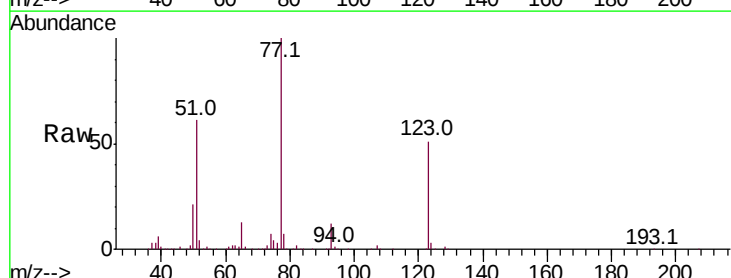
Manual Integrations
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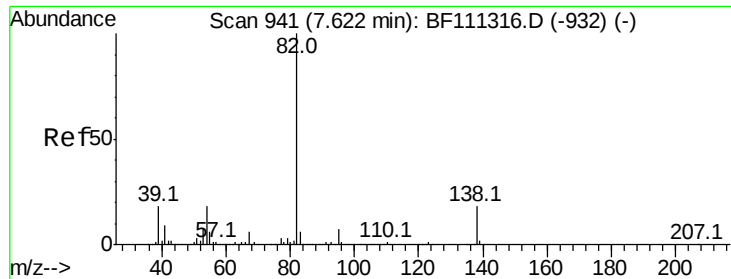
Sohil
 12/13/2018 6:05:48 PM



#24
 Nitrobenzene
 Concen: 10.166 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	37.2	55.8
65	13.0	11.5	17.3





#25

Isophorone

Concen: 10.368 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

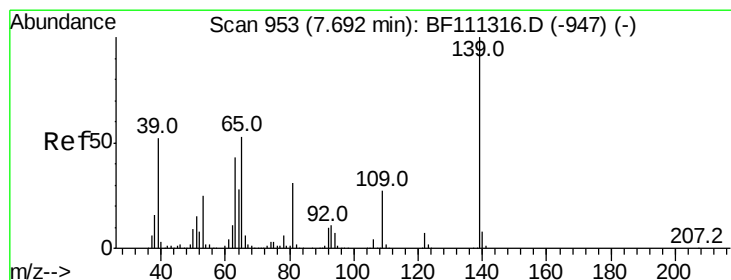
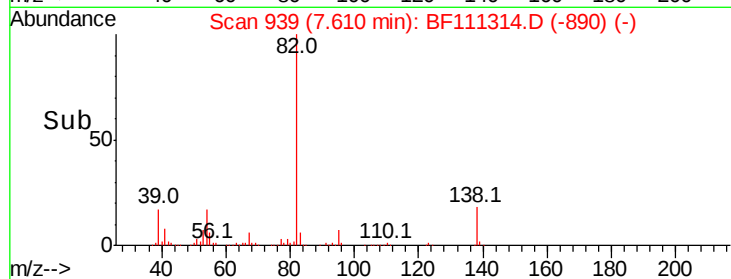
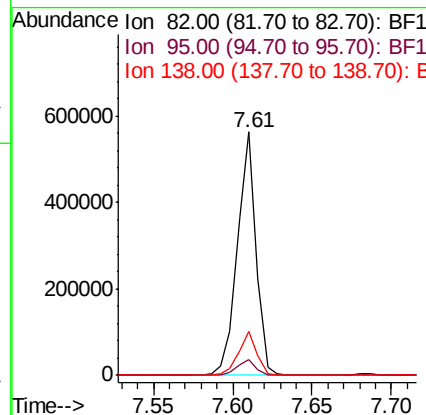
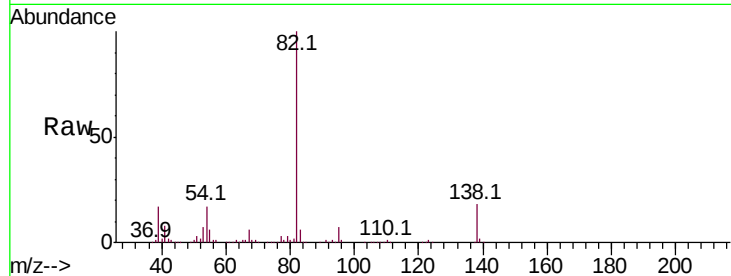
ClientSampleId :

SSTDIC010

Tot Ion:	82	Resp:	462119
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.2
138	18.2	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 9.905 ng

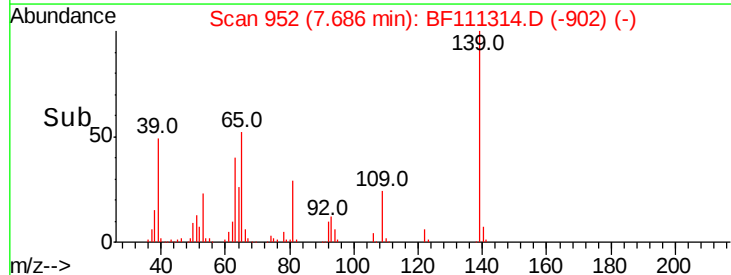
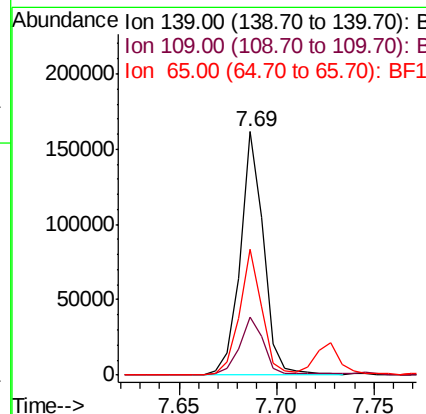
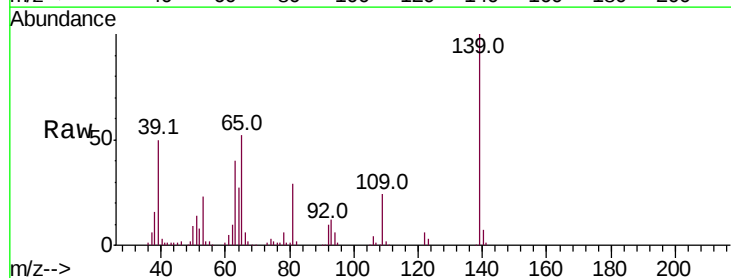
RT: 7.69 min Scan# 952

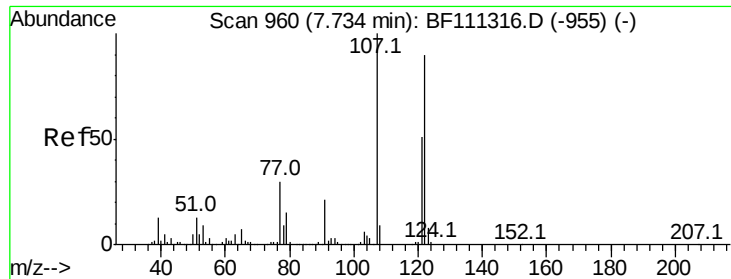
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:	139	Resp:	134046
Ion Ratio	Lower	Upper	
139	100		
109	23.7	20.2	30.4
65	51.9	40.7	61.1





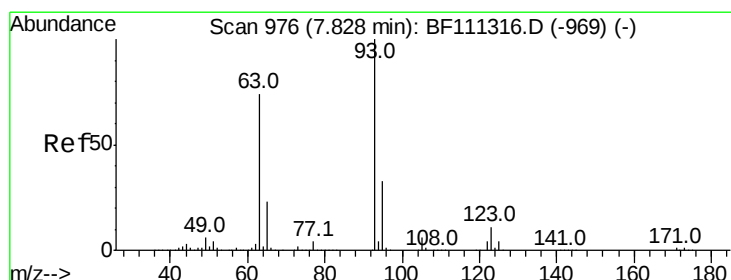
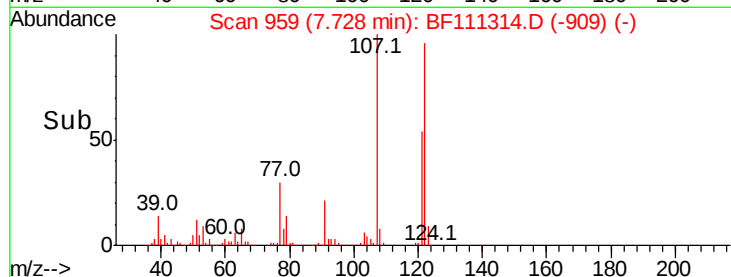
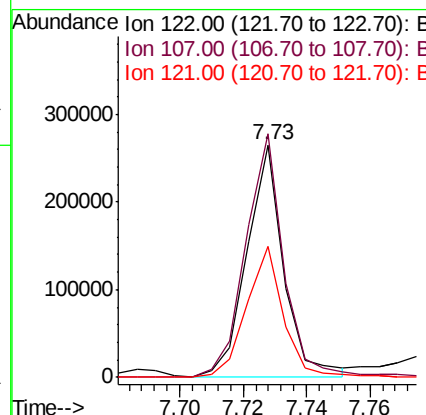
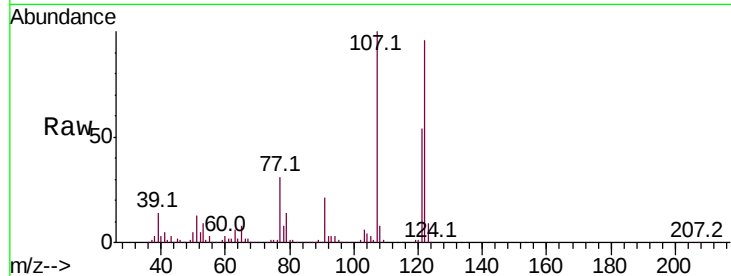
#27
2,4-Dimethylphenol
Concen: 10.171 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
122	100	212695		
107	104.7	85.5	128.3	
121	56.5	46.6	70.0	

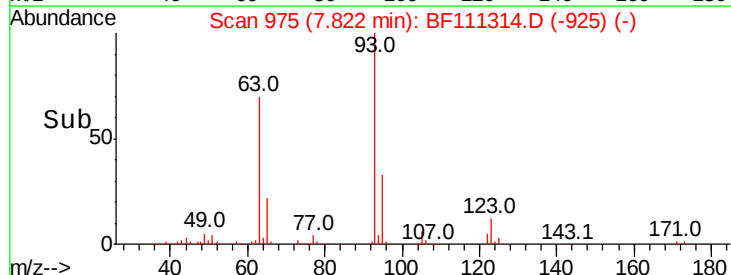
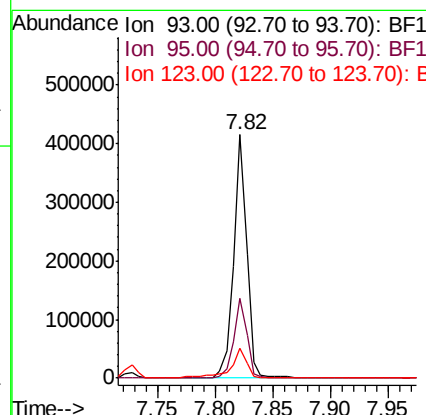
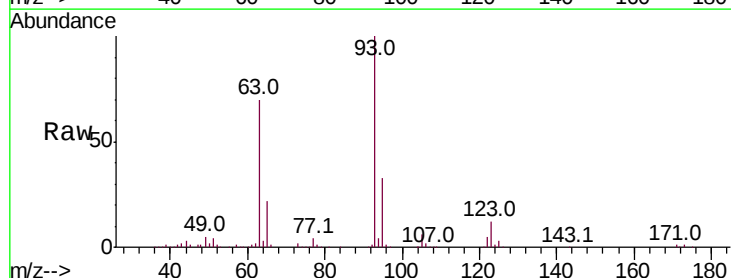
Manual Integrations
APPROVED

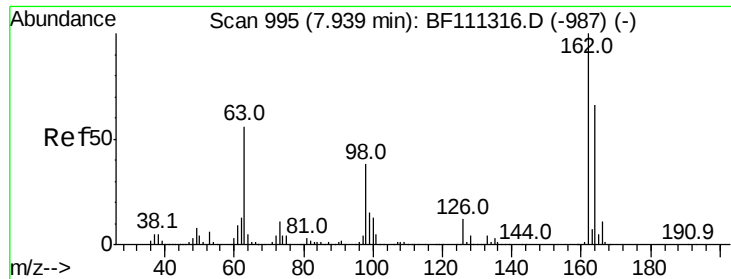
Sohil
12/13/2018 6:05:48 PM



#28
bis(2-Chloroethoxy)methane
Concen: 10.595 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	327018		
95	32.9	27.1	40.7	
123	12.1	9.9	14.9	





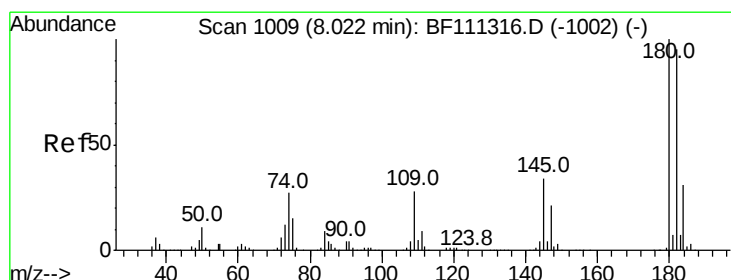
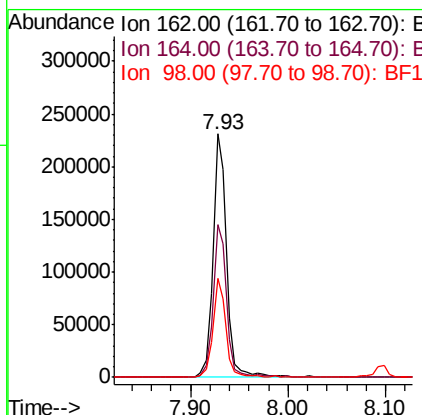
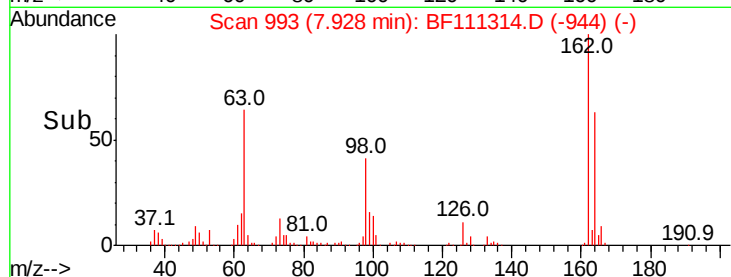
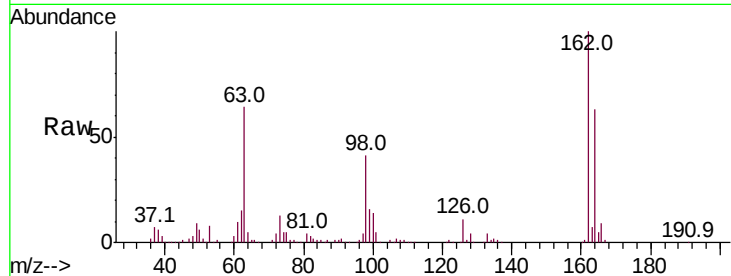
#29
2,4-Dichlorophenol
Concen: 10.402 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.4	84.4
98	40.9	20.3	60.3

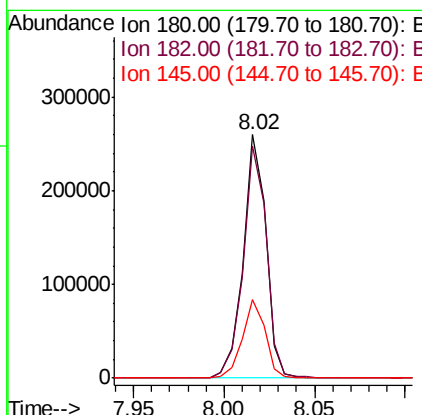
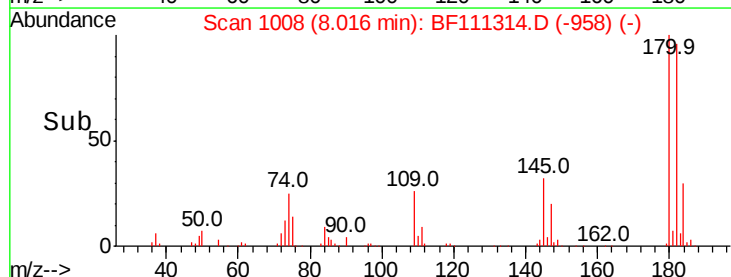
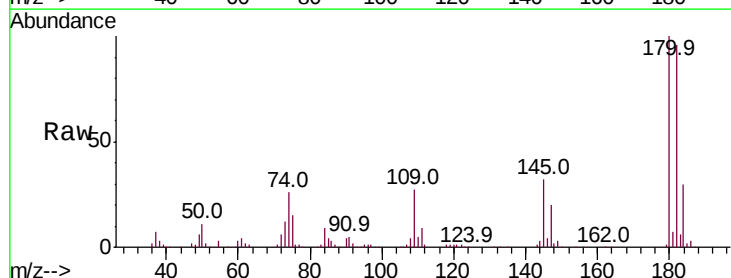
Manual Integrations
APPROVED

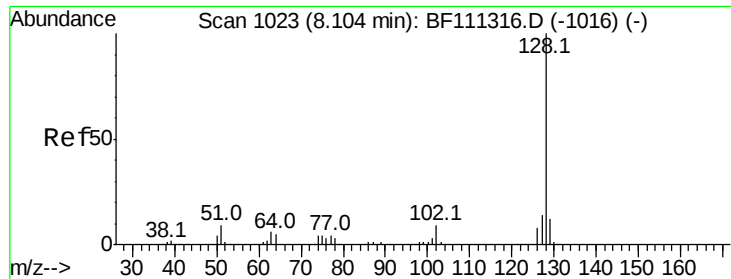
Sohil
12/13/2018 6:05:48 PM



#30
1,2,4-Trichlorobenzene
Concen: 10.761 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.6	113.4
145	32.1	26.7	40.1





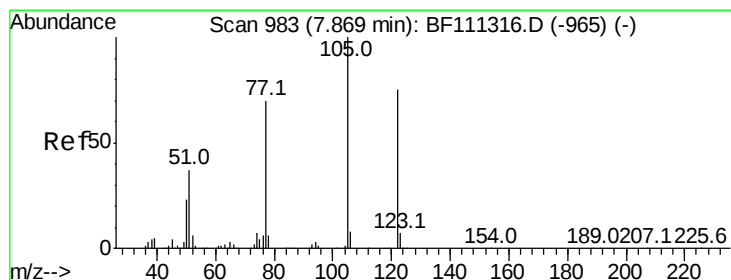
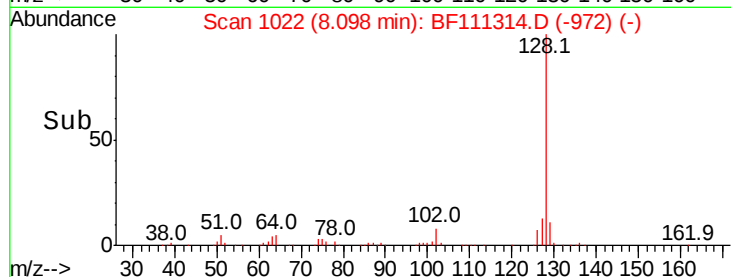
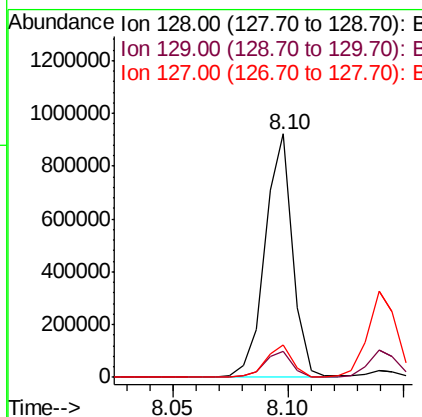
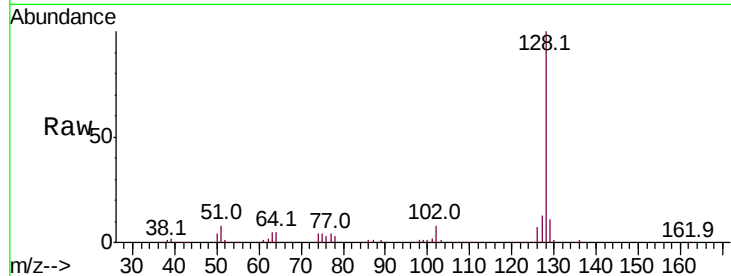
#31
Naphthalene
Concen: 11.908 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.8	14.8
127	13.1	12.0	18.0

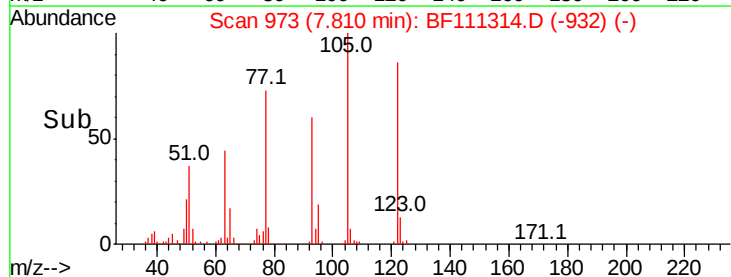
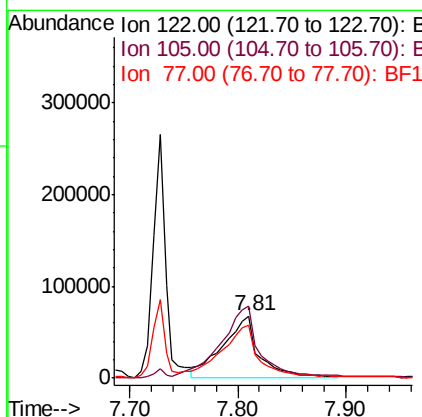
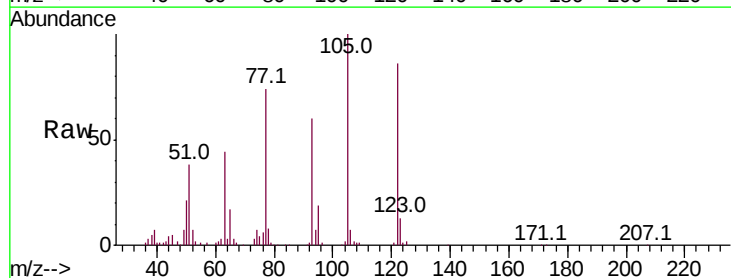
Manual Integrations
APPROVED

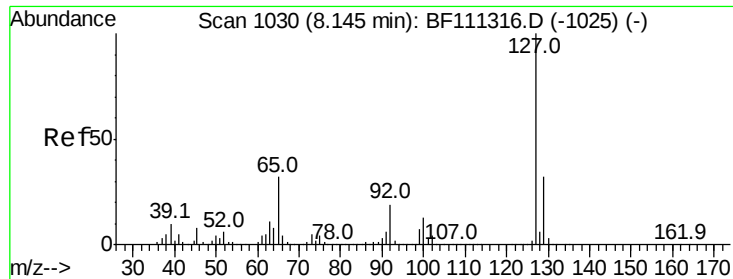
Sohil
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#32
Benzoic acid
Concen: 9.361 ng m
RT: 7.81 min Scan# 973
Delta R.T. -0.06 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.5	97.0	137.0
77	86.0	65.7	105.7





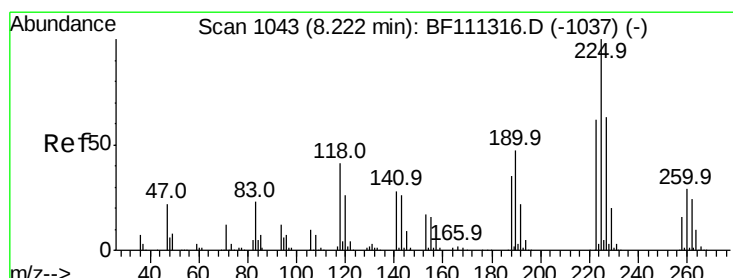
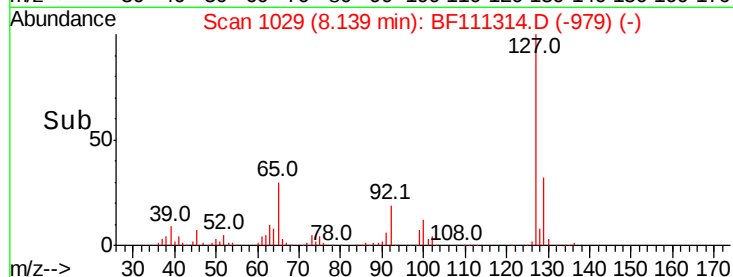
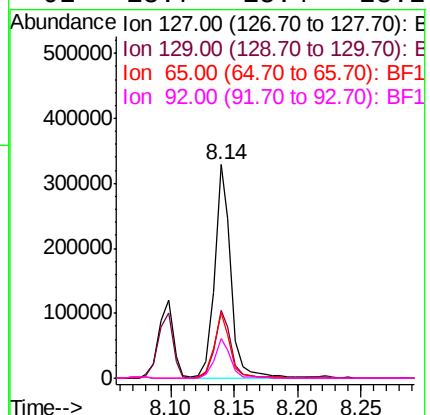
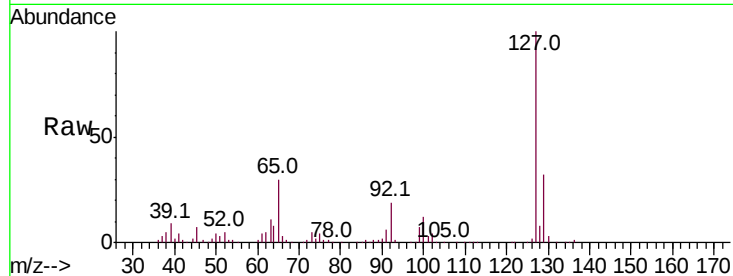
#33
4-Chloroaniline
Concen: 9.713 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.6	39.8		
65	30.4	25.7	38.5		
92	18.7	15.4	23.2		

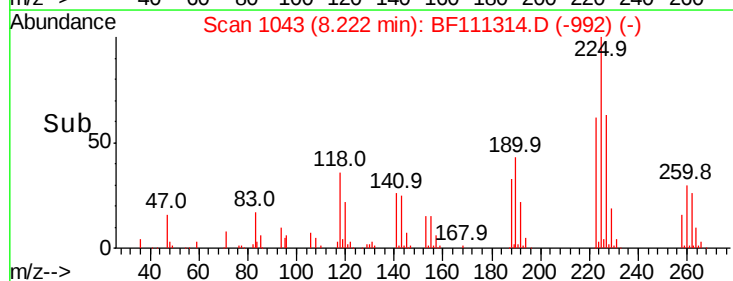
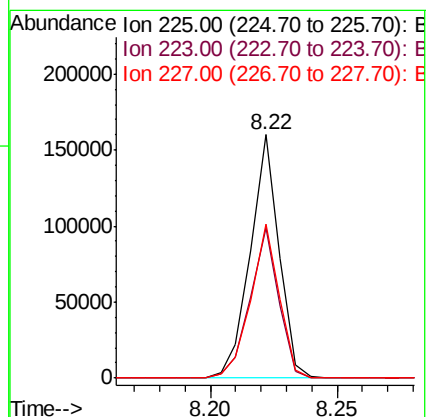
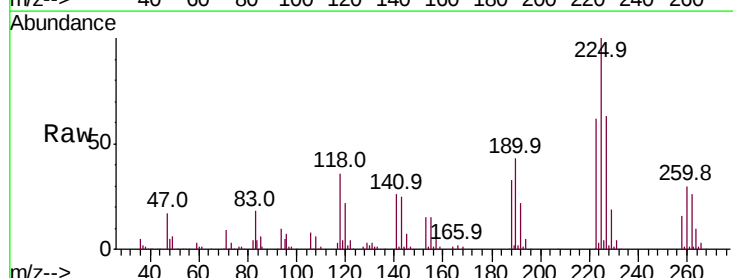
Manual Integrations
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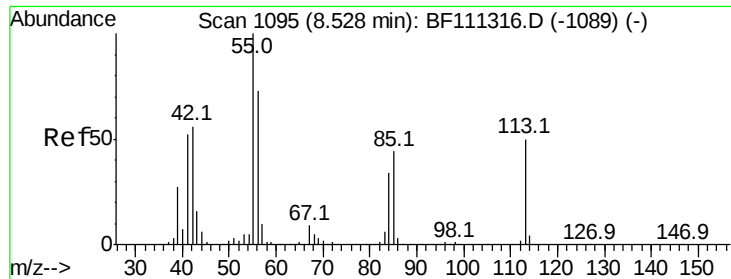
Sohil
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#34
Hexachlorobutadiene
Concen: 10.867 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.7	76.1		
227	63.4	52.6	78.8		





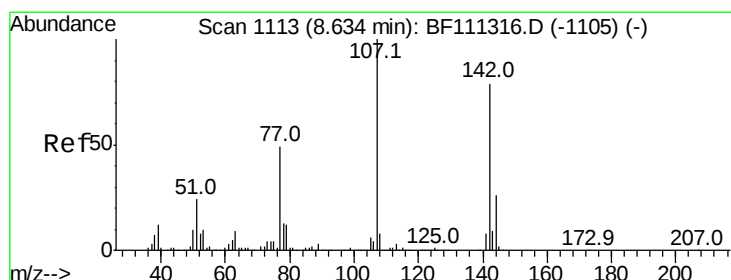
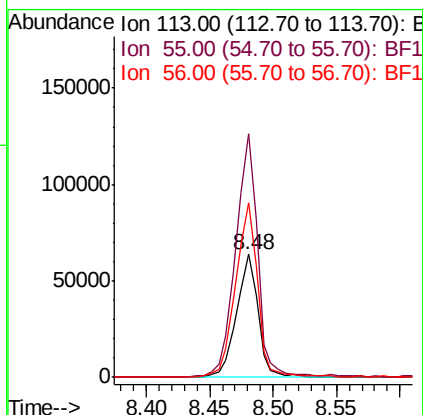
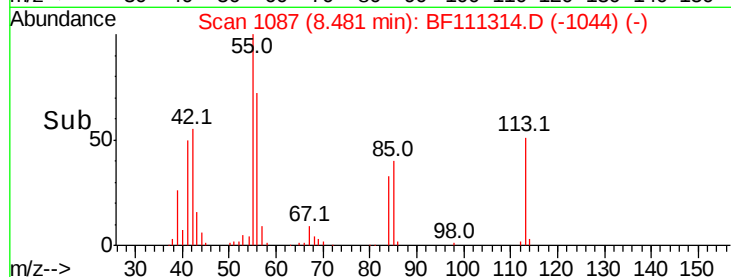
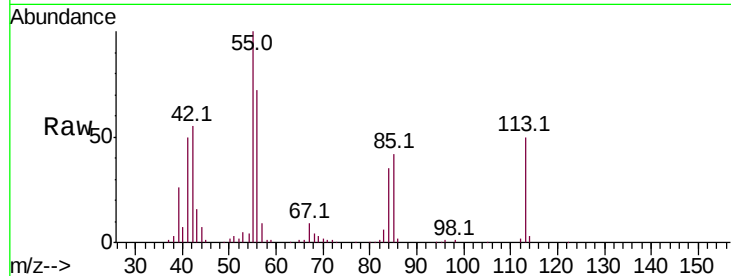
#35
Caprolactam
Concen: 9.874 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampled :
SSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	198.2	184.1	224.1	
56	142.2	126.0	166.0	

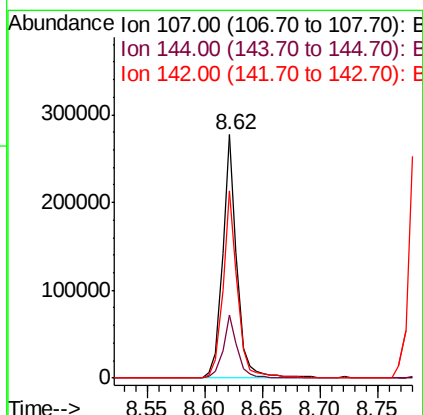
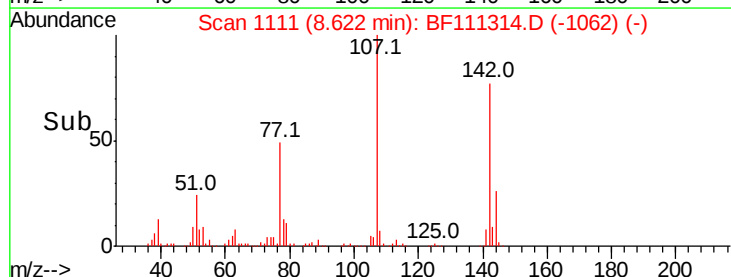
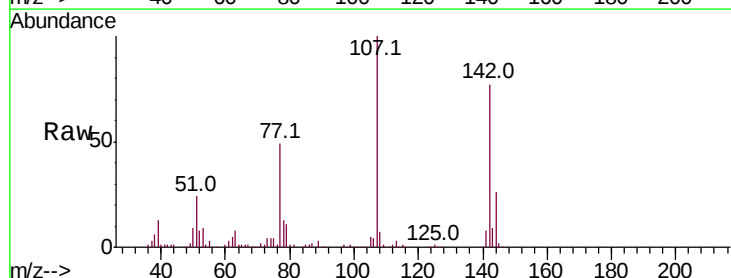
Manual Integrations
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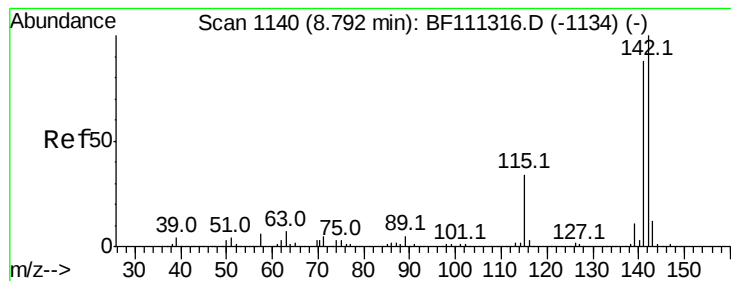
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 10.914 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	19.8	29.6	
142	76.8	62.3	93.5	





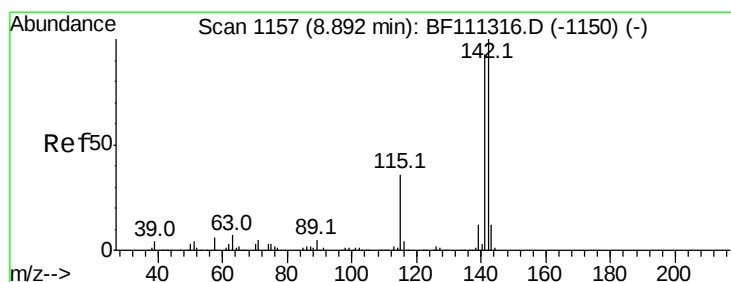
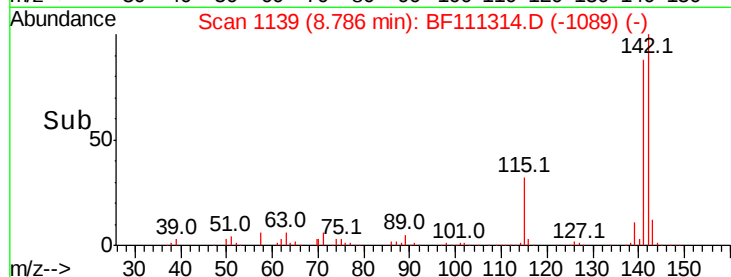
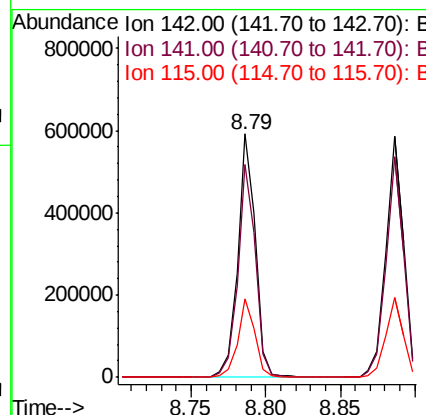
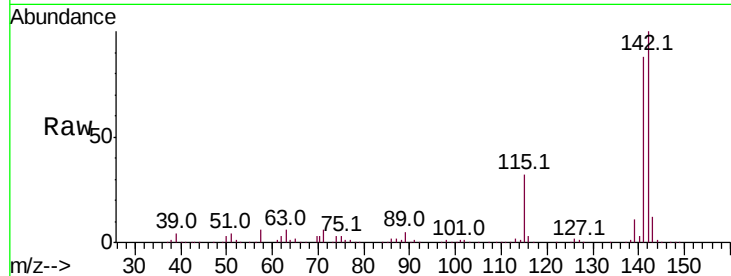
#37
2-Methylnaphthalene
Concen: 11.626 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	105.8
115	32.4	27.0	40.6

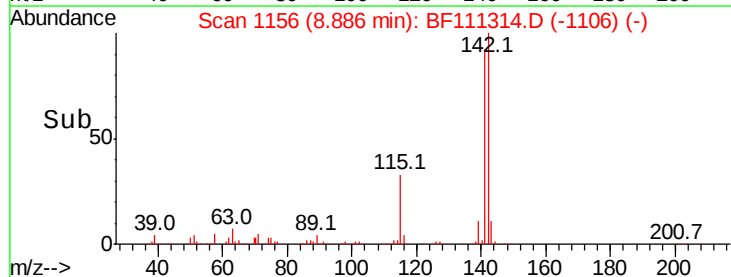
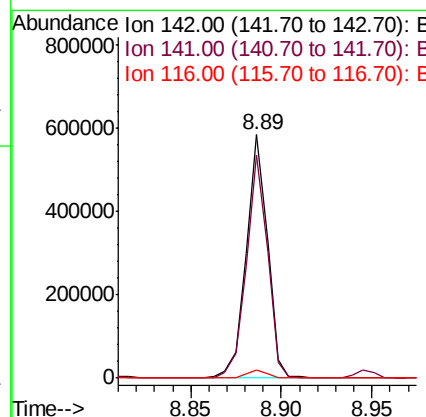
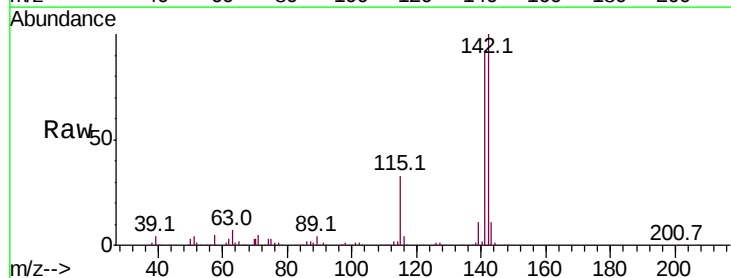
Manual Integrations
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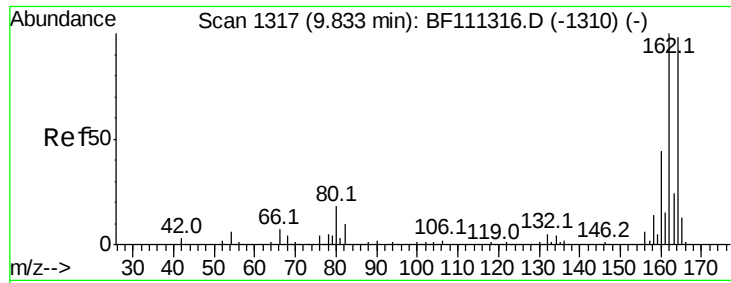
Sohil
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#38
1-Methylnaphthalene
Concen: 11.381 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.5	2.9	4.3





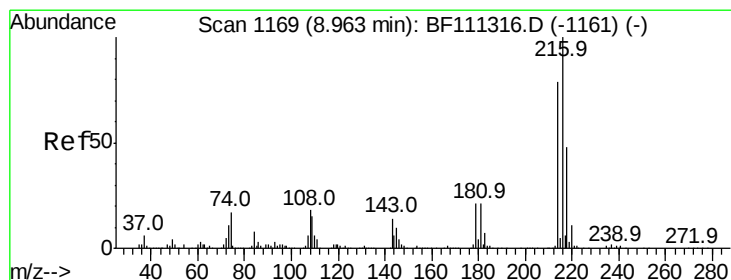
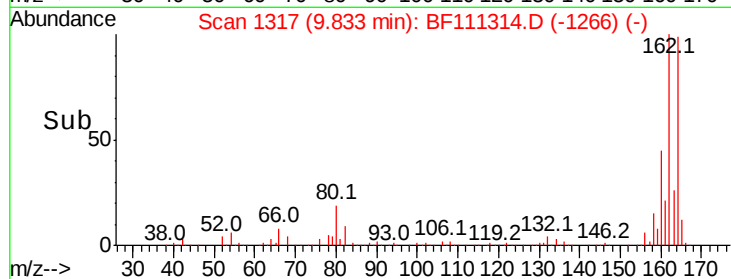
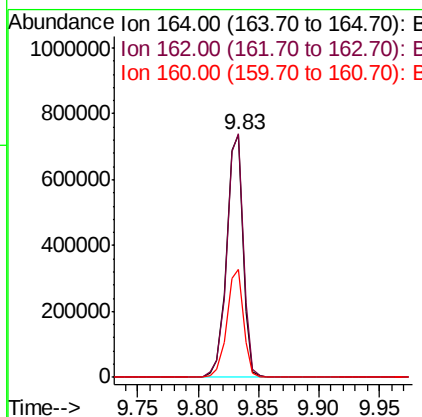
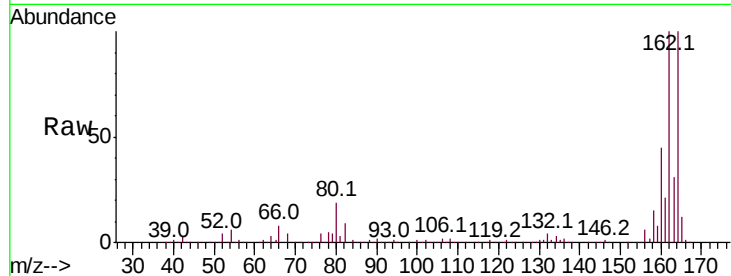
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
164	100	696154		
162	100.4	81.4	122.0	
160	44.7	35.7	53.5	

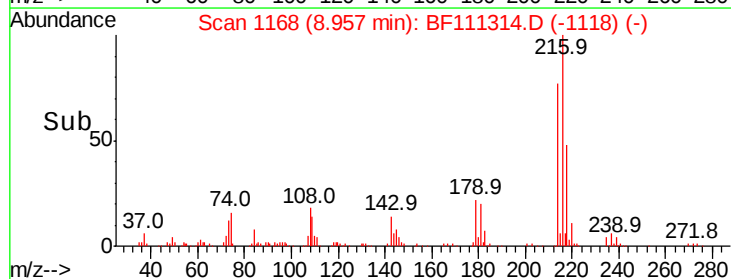
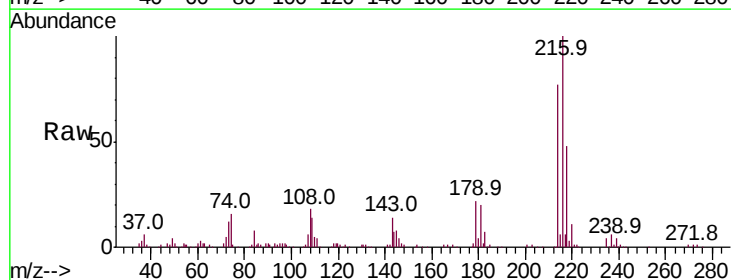
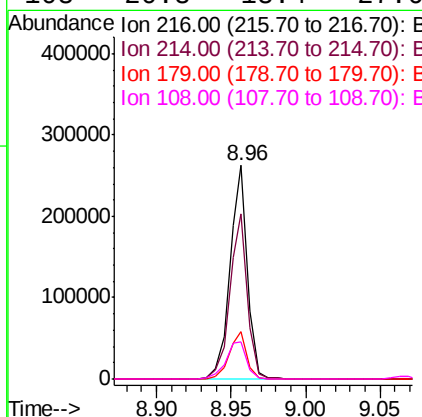
Manual Integrations
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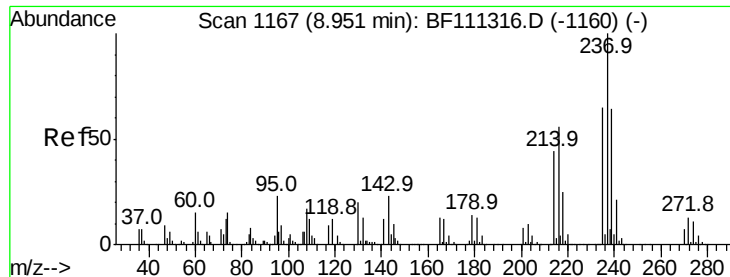
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.198 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	216906		
214	78.0	63.8	95.8	
179	22.1	17.9	26.9	
108	20.8	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 9.519 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

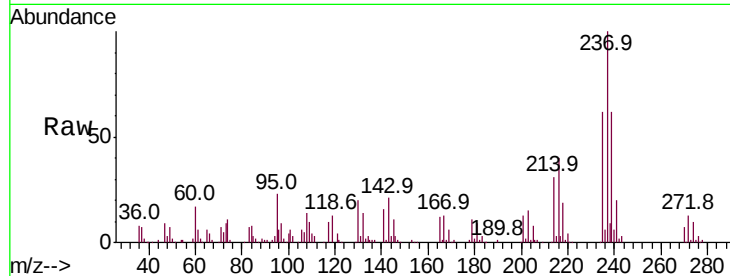
ClientSampleId :

SSTDIC010

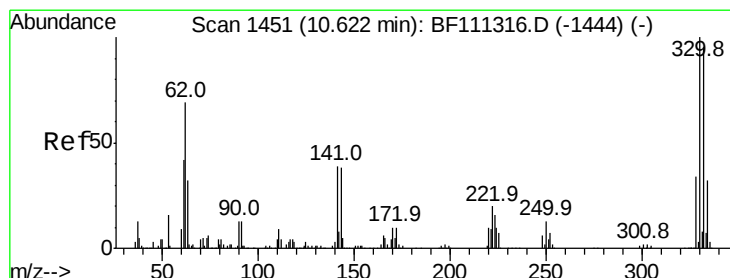
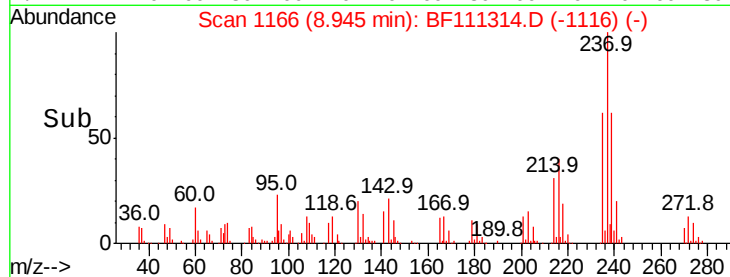
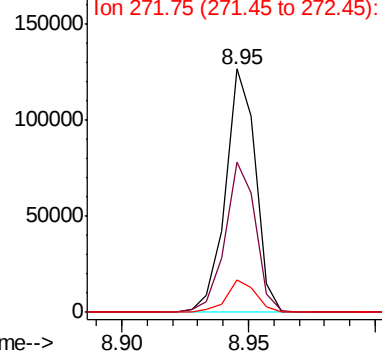
Tot Ion:	237	Resp:	105014
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.1	83.1
272	13.2	0.0	33.0

Manual Integrations
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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: 21.963 ng

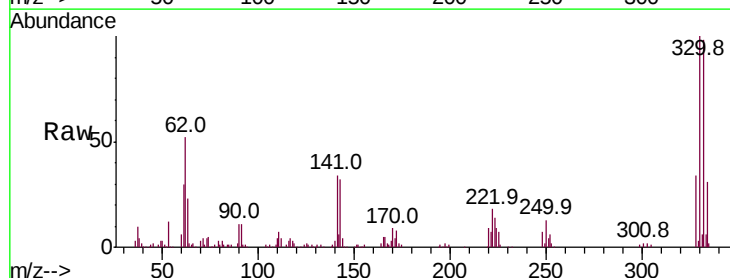
RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

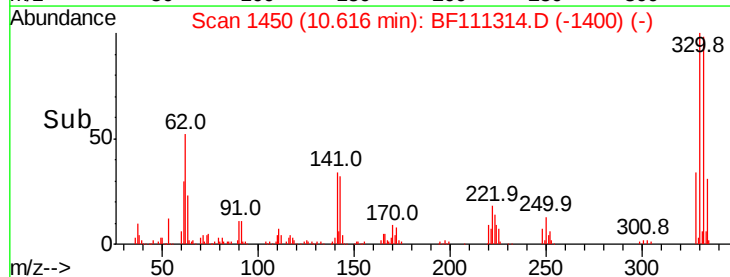
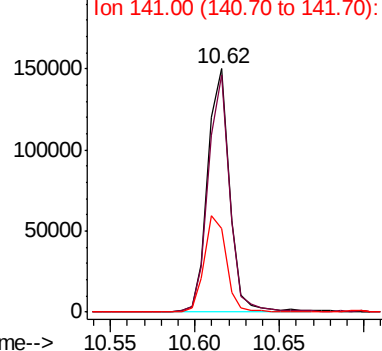
Lab File: BF111314.D

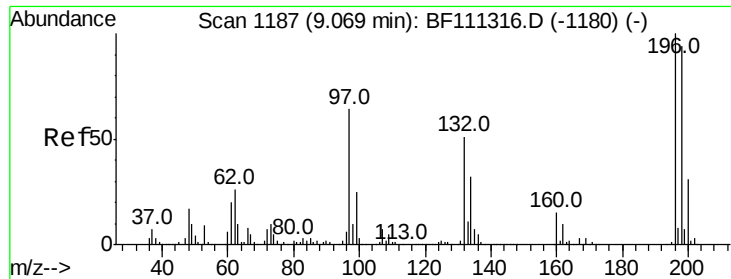
Acq: 12 Dec 2018 10:14

Tgt Ion:	330	Resp:	135437
Ion Ratio	Lower	Upper	
330	100		
332	95.6	76.0	114.0
141	40.5	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





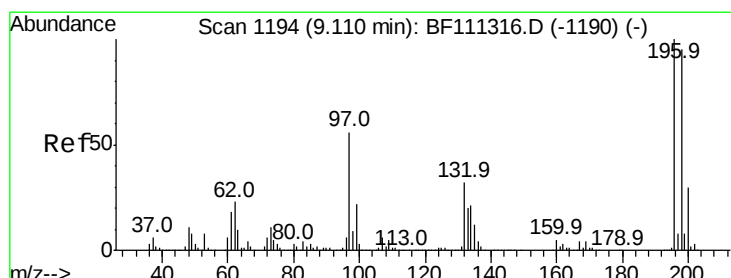
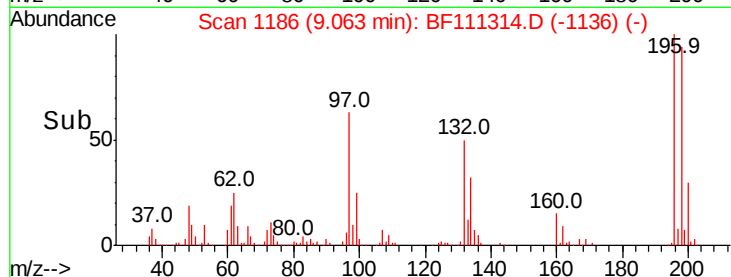
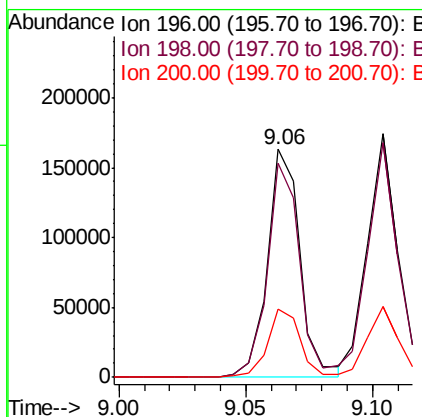
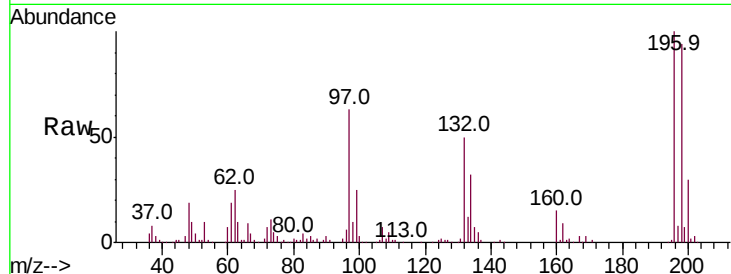
#43
 2,4,6-Trichlorophenol
 Concen: 10.168 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
196	100	147844		
198	94.0	76.3	114.5	
200	29.9	24.9	37.3	

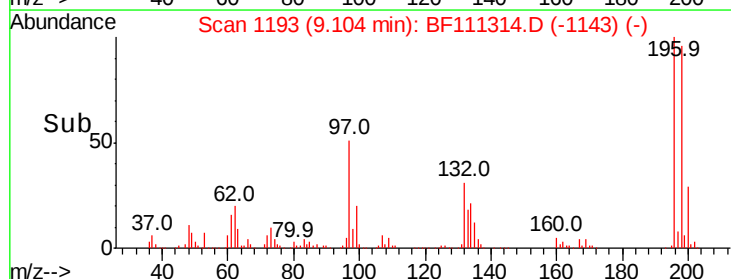
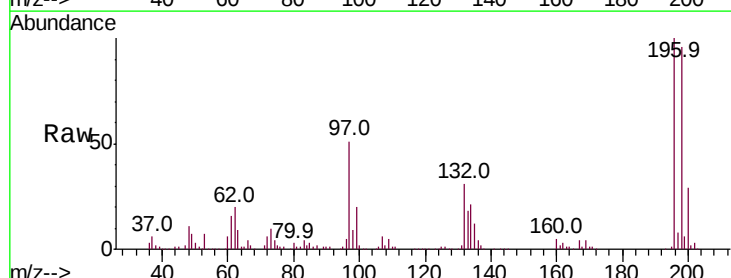
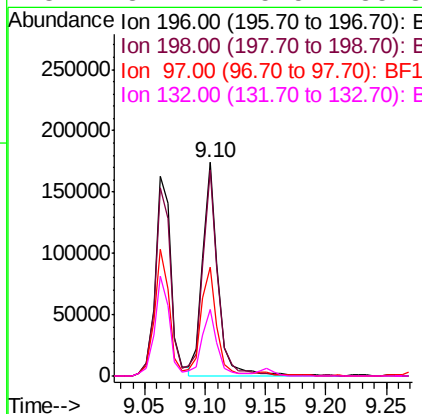
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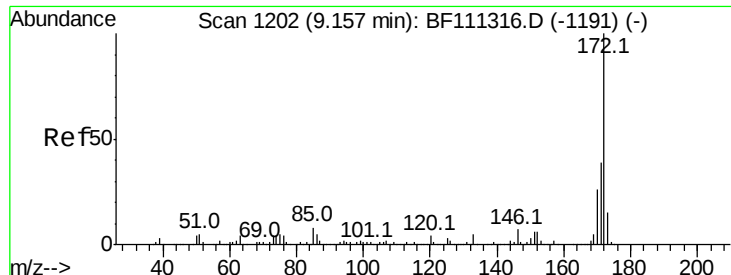
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 10.344 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	156674		
198	96.4	72.9	109.3	
97	51.2	45.3	67.9	
132	31.2	25.5	38.3	





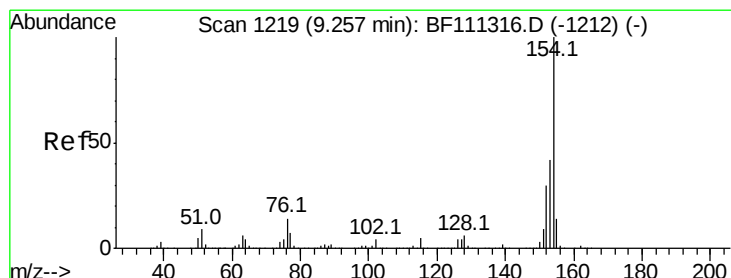
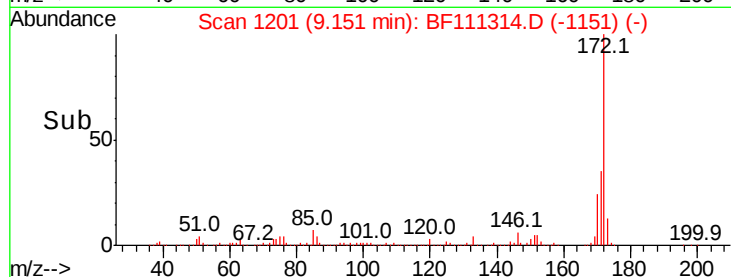
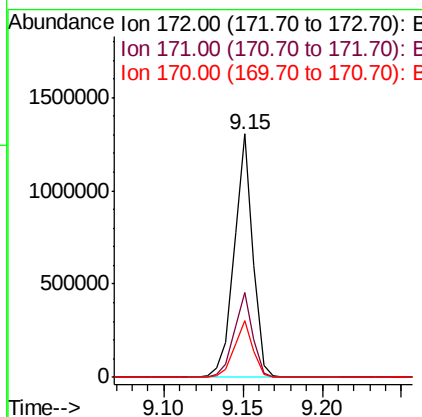
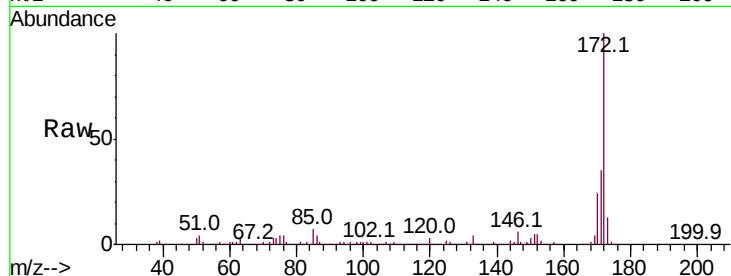
#45
2-Fluorobiphenyl
Concen: 24.143 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	33.0	49.4
170	23.5	22.3	33.5

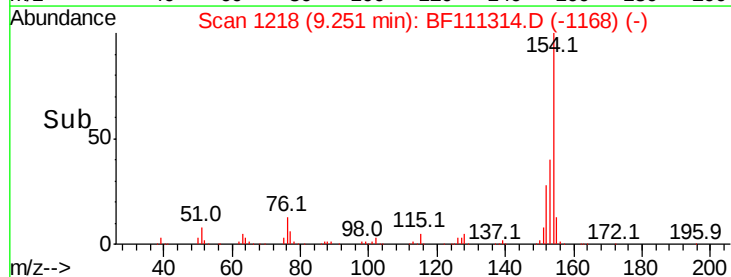
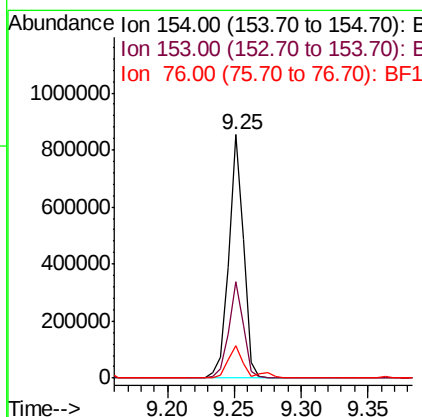
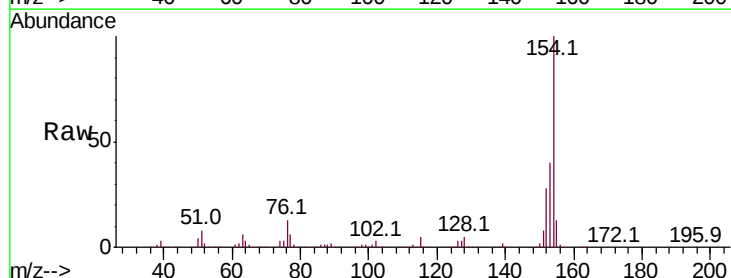
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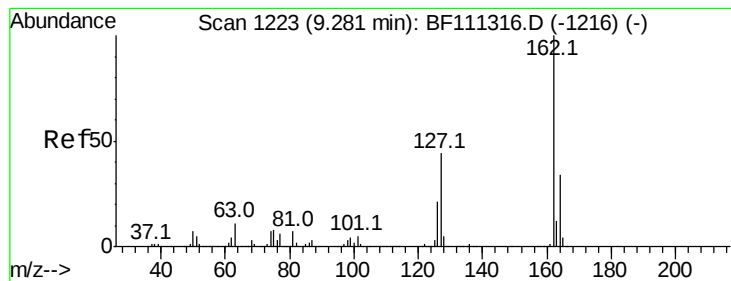
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#46
1,1'-Biphenyl
Concen: 11.456 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	23.7	63.7
76	13.4	0.0	35.0





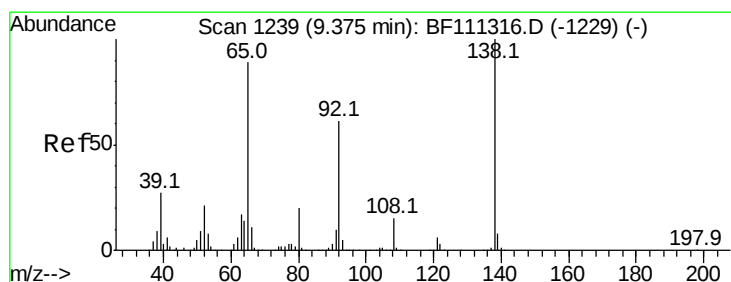
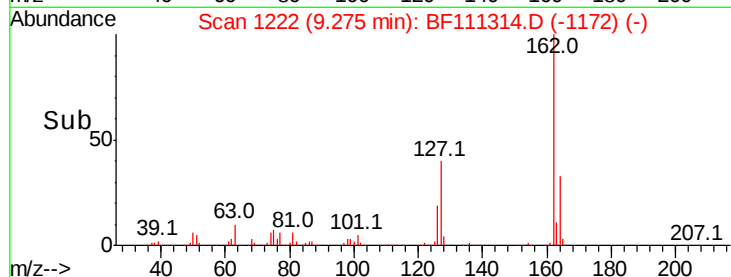
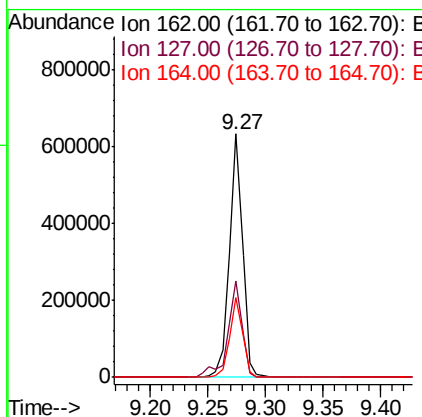
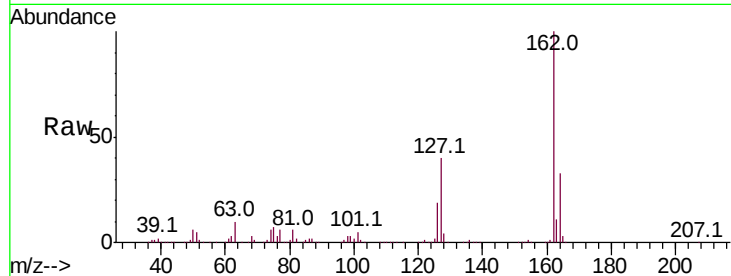
#47
 2-Chloronaphthalene
 Concen: 11.008 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:	162	Resp:	501410
Ion Ratio	Lower	Upper	
162	100		
127	39.7	35.0	52.4
164	33.0	28.4	42.6

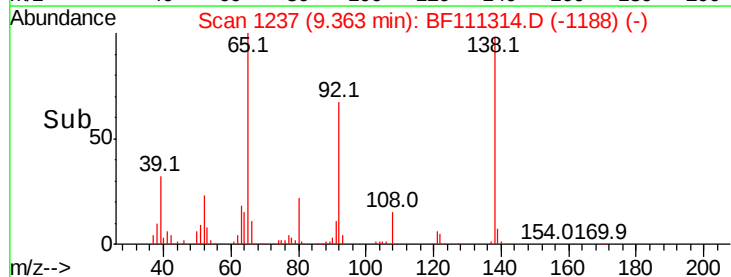
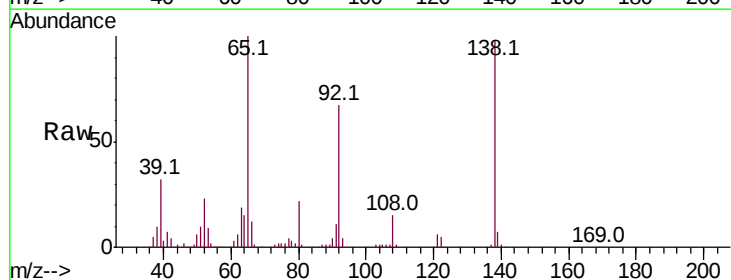
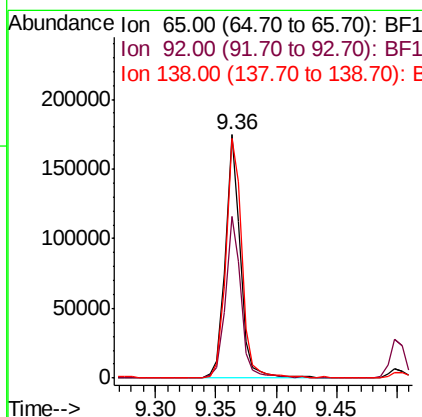
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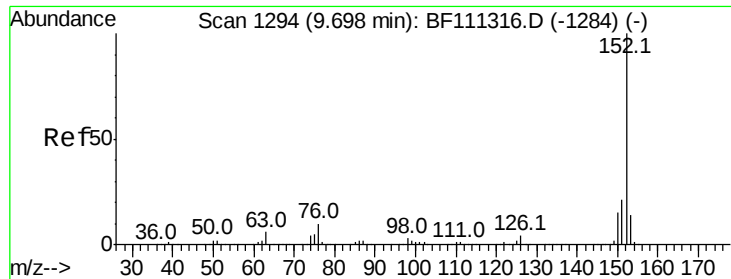
Sohil
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#48
 2-Nitroaniline
 Concen: 9.724 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:	65	Resp:	151091
Ion Ratio	Lower	Upper	
65	100		
92	66.6	53.5	80.3
138	98.2	80.9	121.3





#49

Acenaphthylene

Concen: 11.152 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

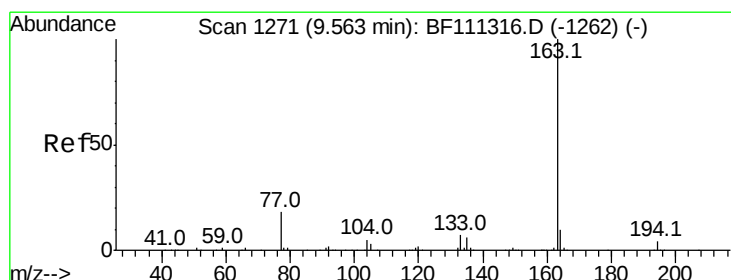
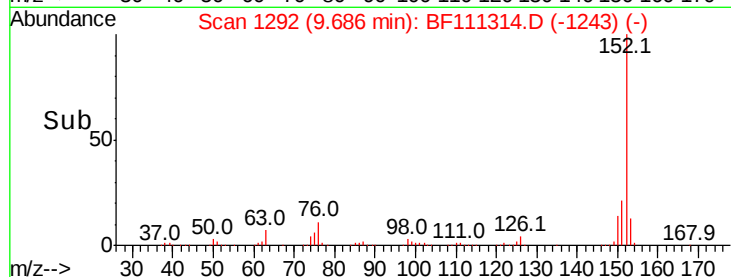
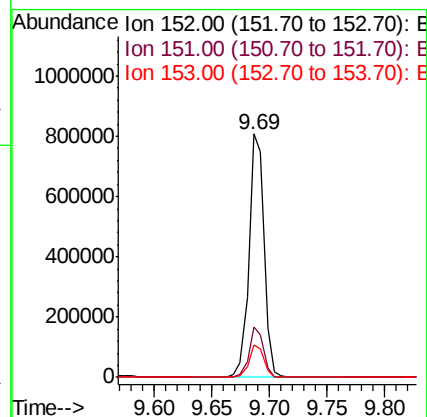
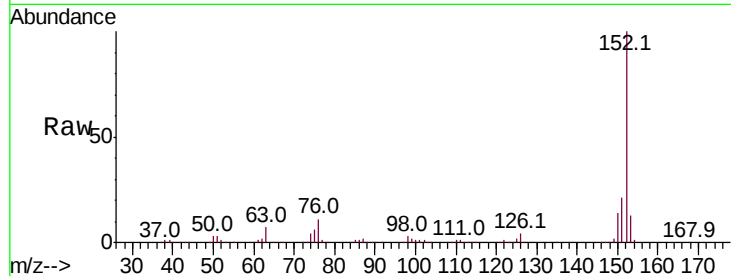
ClientSampled :

SSTDICC010

Tot Ion:	152	Resp:	737468
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.0	27.0
153	13.5	12.3	18.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 10.565 ng

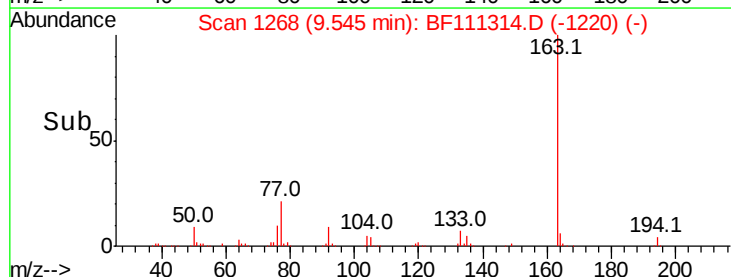
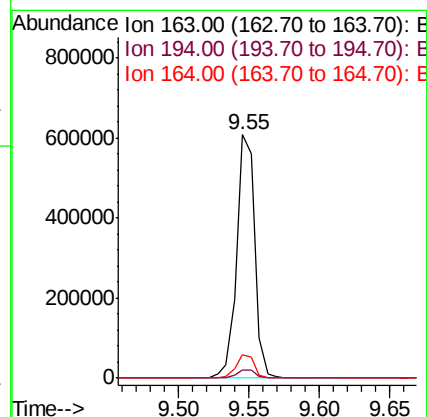
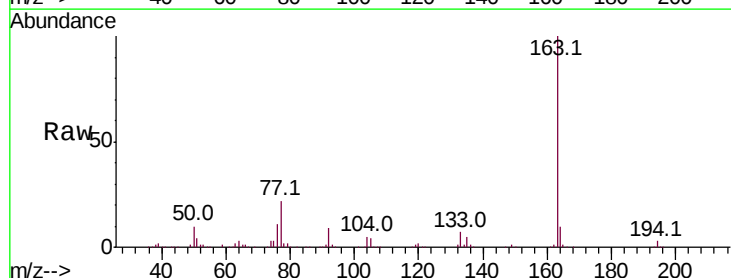
RT: 9.55 min Scan# 1268

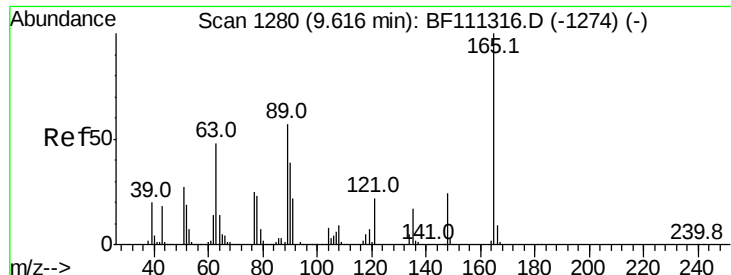
Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:	163	Resp:	542691
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.6
164	9.8	8.9	13.3





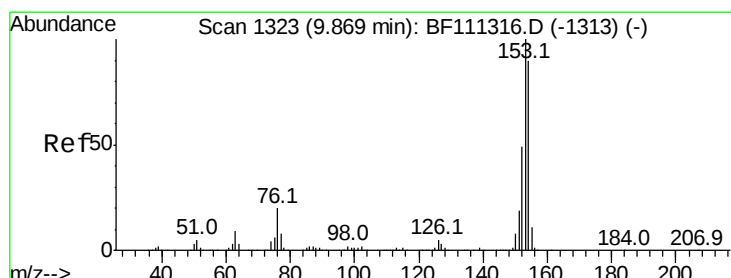
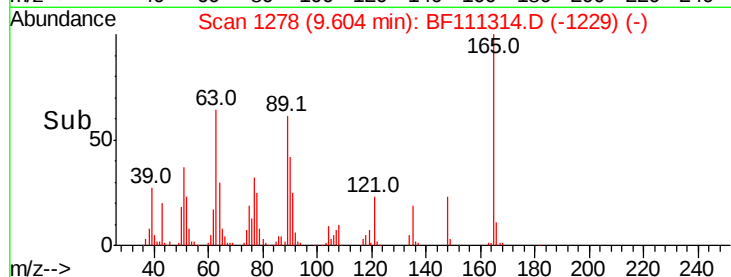
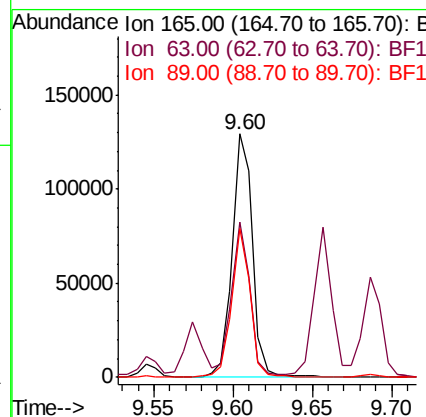
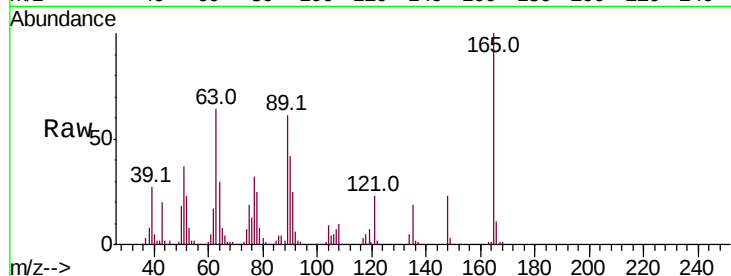
#51
2,6-Dinitrotoluene
Concen: 10.109 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
165	100	114673		
63	63.9		40.5	60.7#
89	61.2		40.0	60.0#

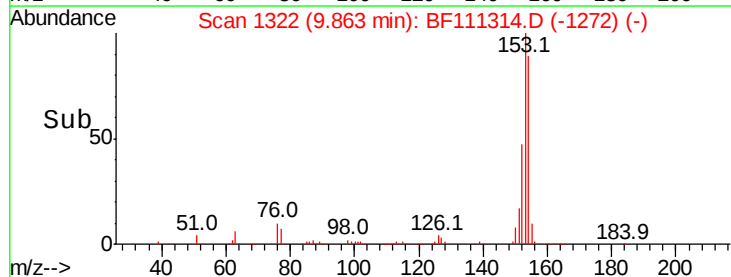
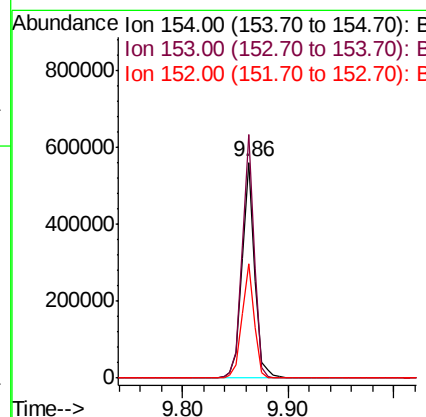
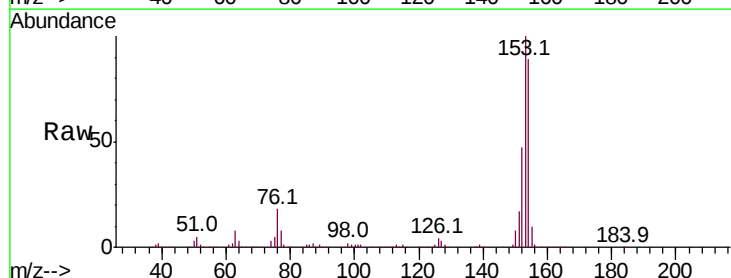
Manual Integrations
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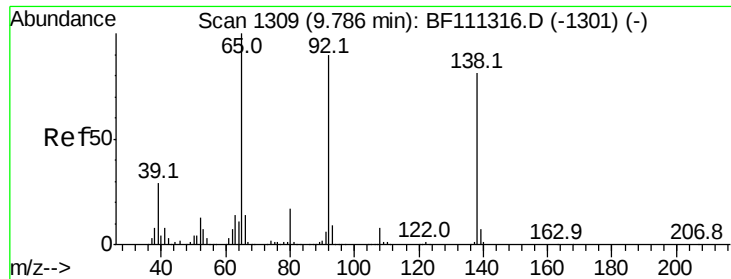
Sohil
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#52
Acenaphthene
Concen: 11.012 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	456990		
153	112.8		87.8	131.8
152	53.2		43.4	65.2





#53

3-Nitroaniline

Concen: 9.876 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

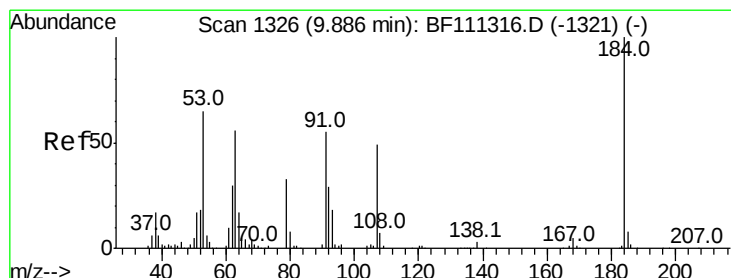
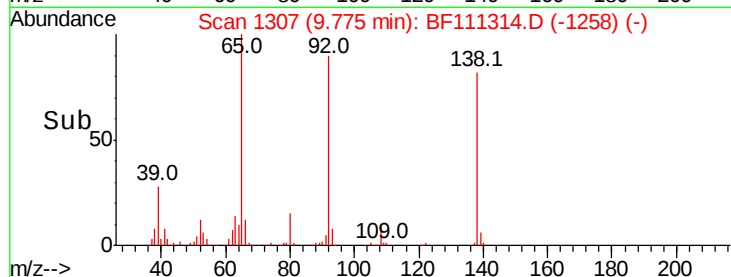
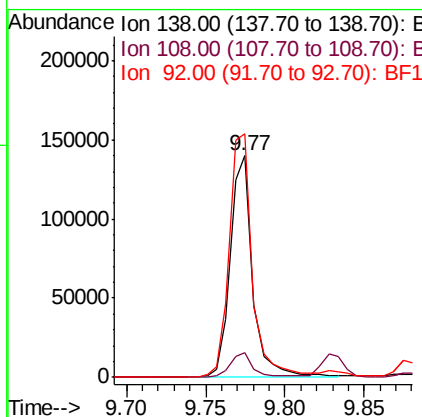
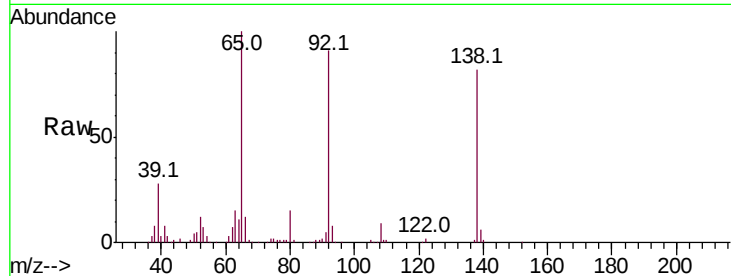
ClientSampleId :

SSTDICC010

Tot Ion:138	Resp:	138274
Ion Ratio	Lower	Upper
138	100	
108	11.2	8.2 12.4
92	109.9	93.4 140.2

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#54

2,4-Dinitrophenol

Concen: 7.242 ng

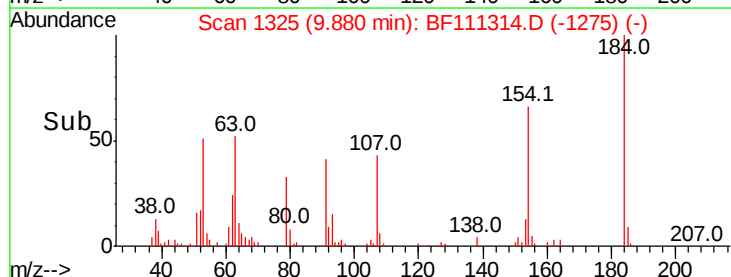
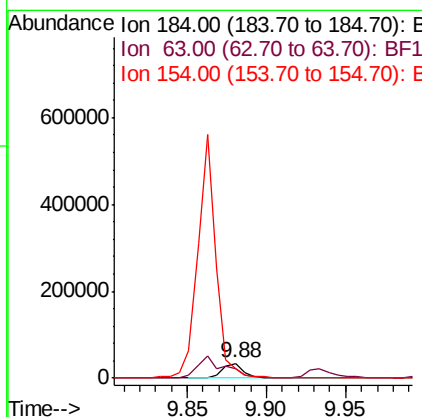
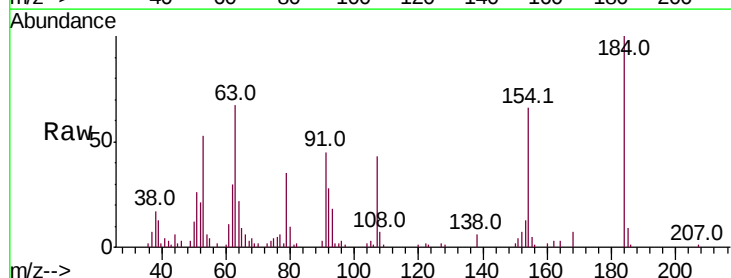
RT: 9.88 min Scan# 1325

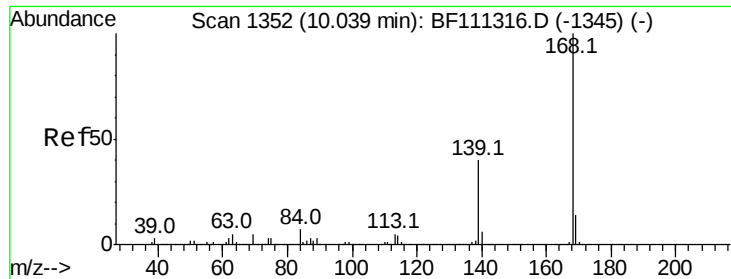
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:184	Resp:	32464
Ion Ratio	Lower	Upper
184	100	
63	66.7	62.3 93.5
154	65.9	56.2 84.2





#55

Dibenzofuran

Concen: 12.095 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

ClientSampled :

SSTDIC010

Tot Ion:168 Resp: 682839

Ion Ratio Lower Upper

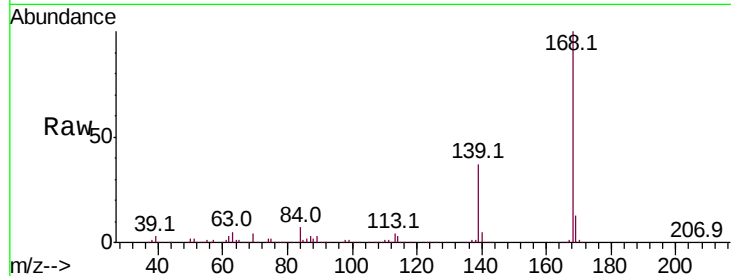
168 100

139 36.8 32.6 49.0

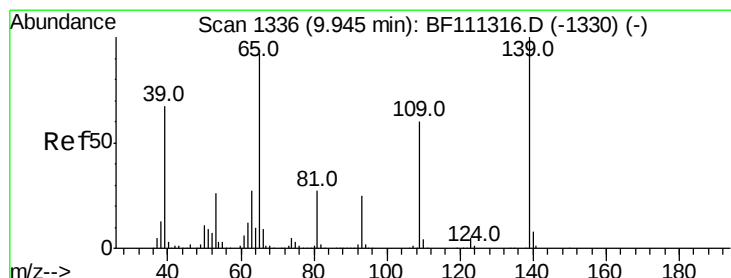
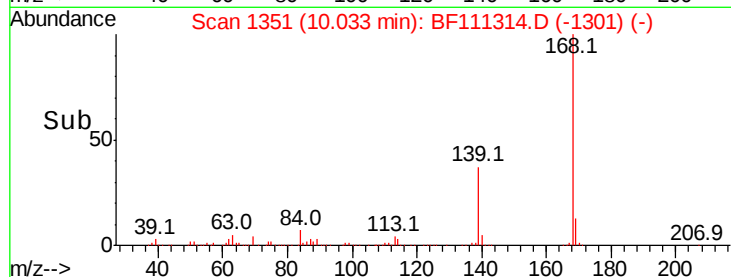
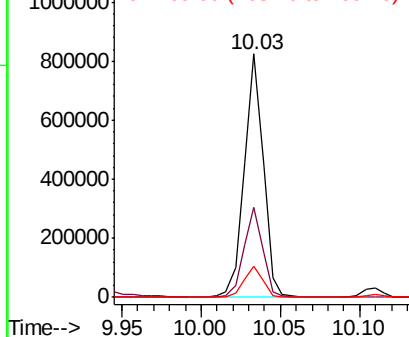
169 13.0 11.8 17.6

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 8.546 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

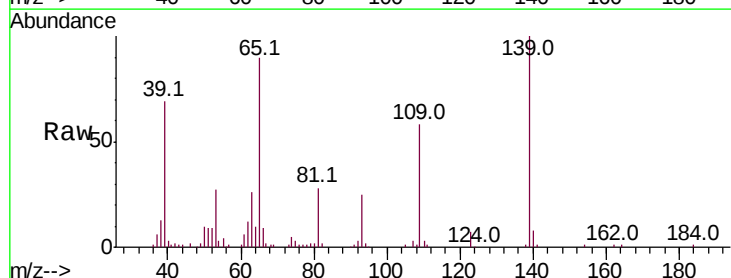
Tgt Ion:139 Resp: 93196

Ion Ratio Lower Upper

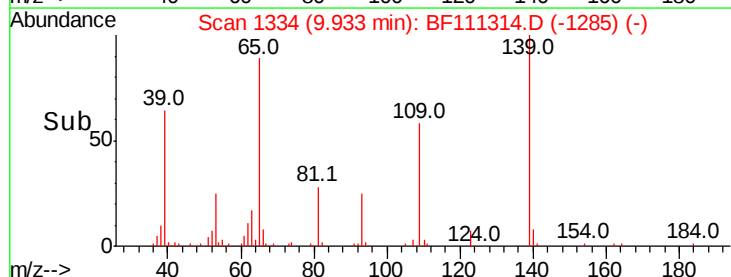
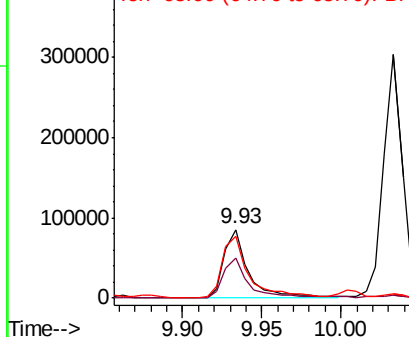
139 100

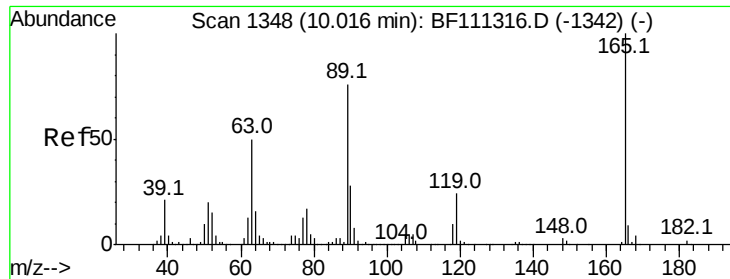
109 58.1 41.8 81.8

65 90.1 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





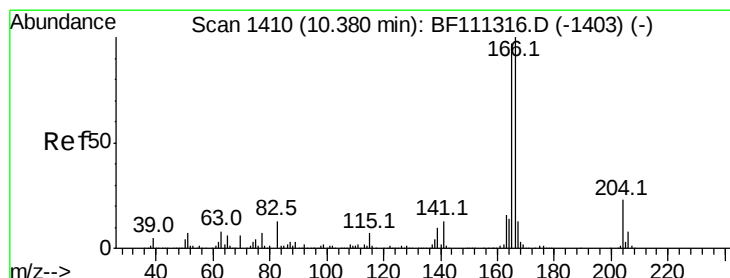
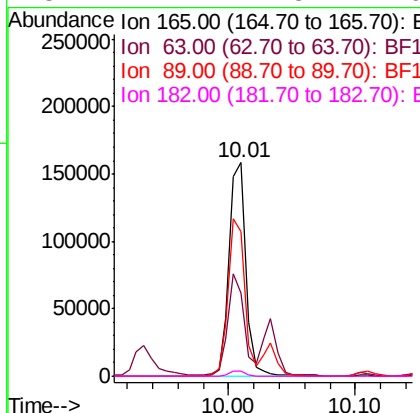
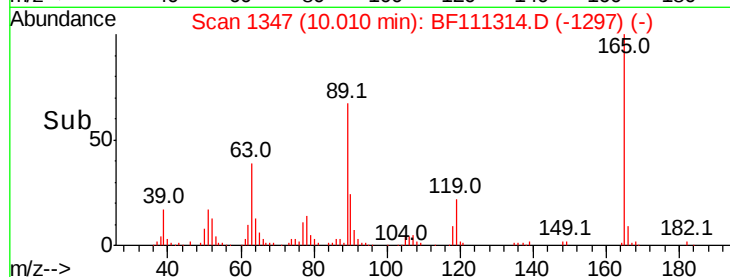
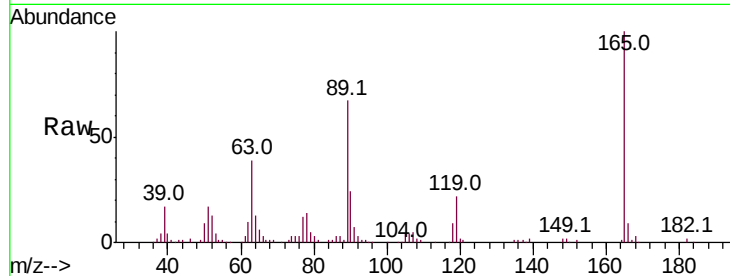
#57
 2,4-Dinitrotoluene
 Concen: 10.409 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion	Ratio	Resp	Lower	Upper
165	100	145565		
63	39.1	34.6	52.0	
89	67.5	56.2	84.4	
182	2.4	1.8	2.6	

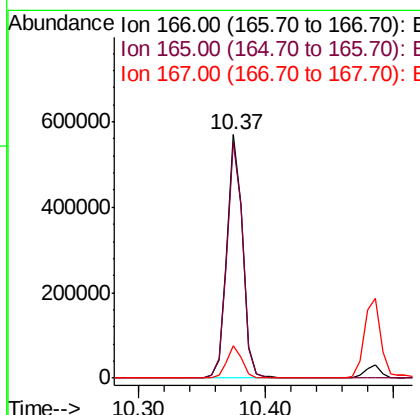
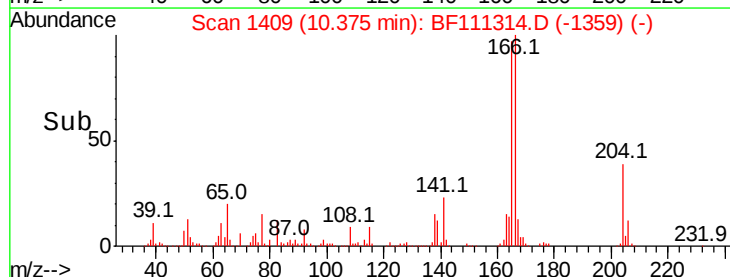
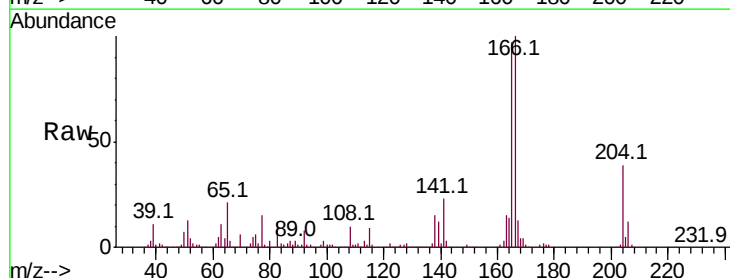
Manual Integrations
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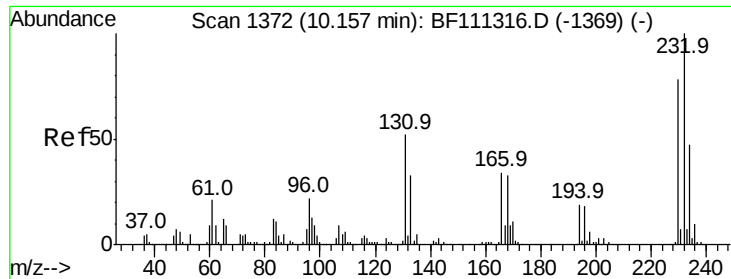
Sohil
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#58
 Fluorene
 Concen: 11.162 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	487658		
165	97.1	78.4	117.6	
167	13.2	11.2	16.8	





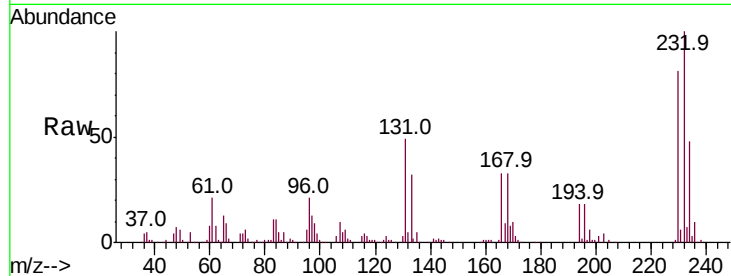
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.667 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.6	40.9	61.3
130	2.5	2.0	3.0
166	31.5	26.8	40.2

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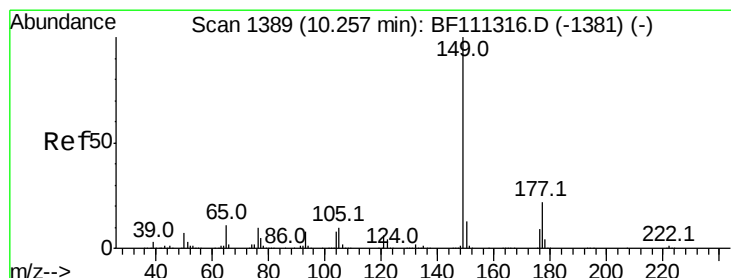
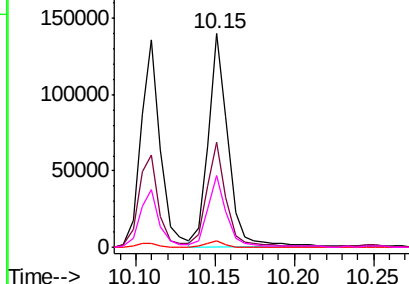
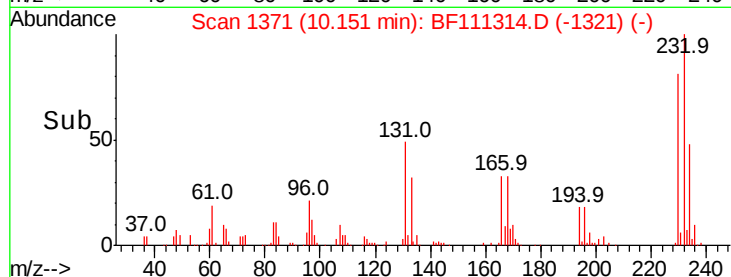
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

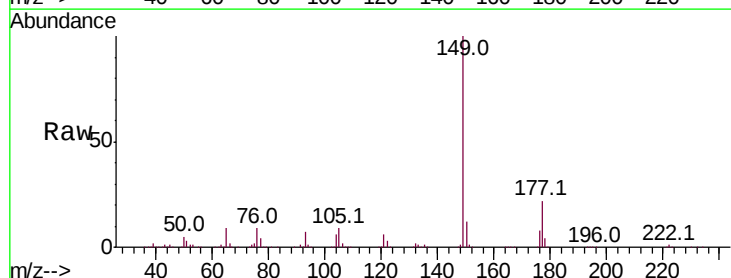
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 12.618 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.3	10.6	15.8

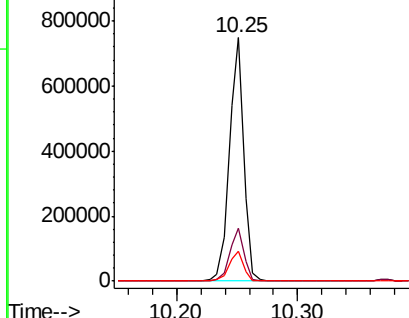
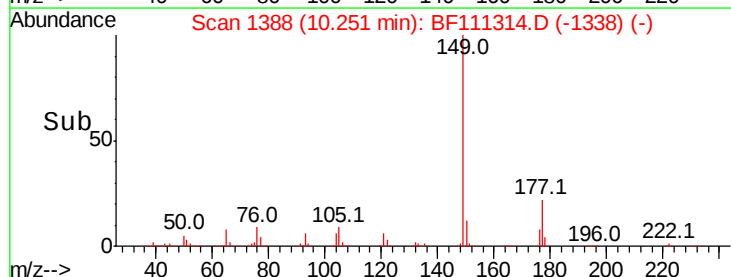


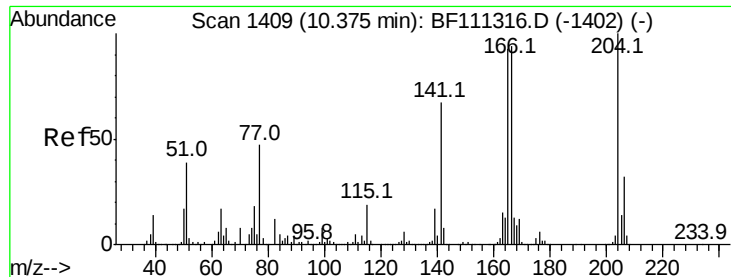
Abundance

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





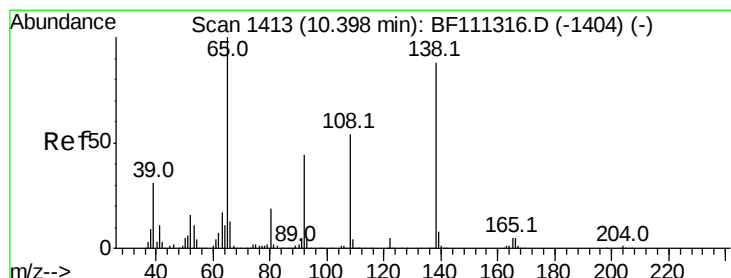
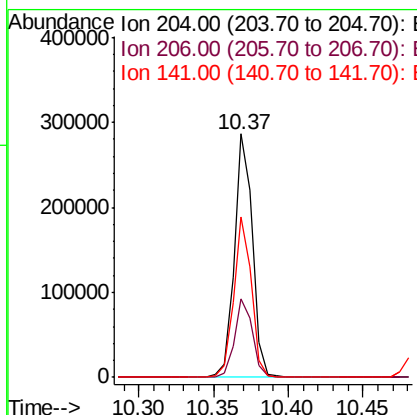
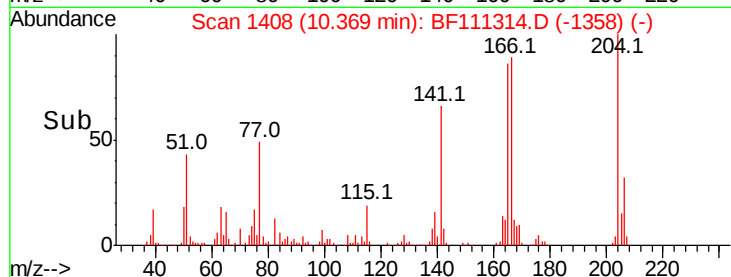
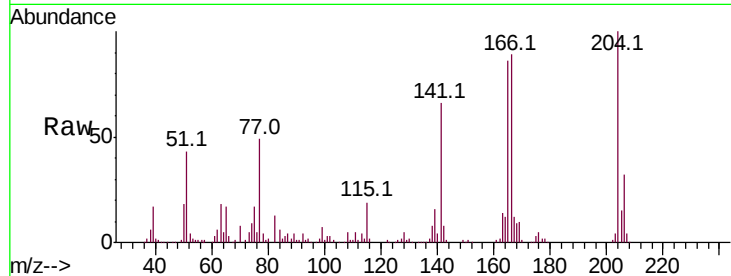
#61
 4-Chlorophenyl-phenylether
 Concen: 11.261 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

Tot Ion:	204	Resp:	244264
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.6	39.8
141	66.1	52.6	78.8

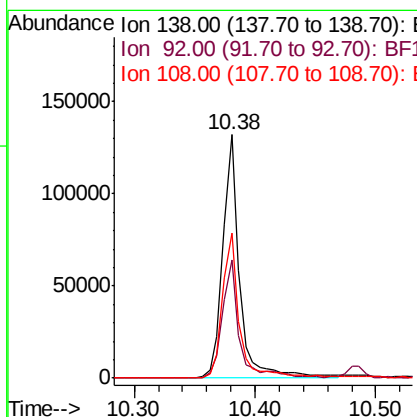
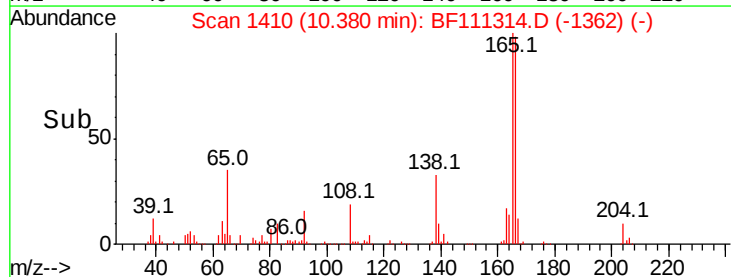
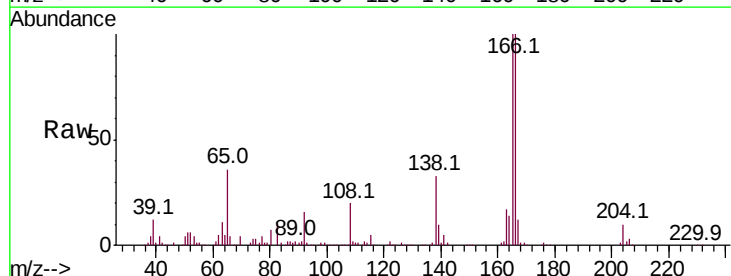
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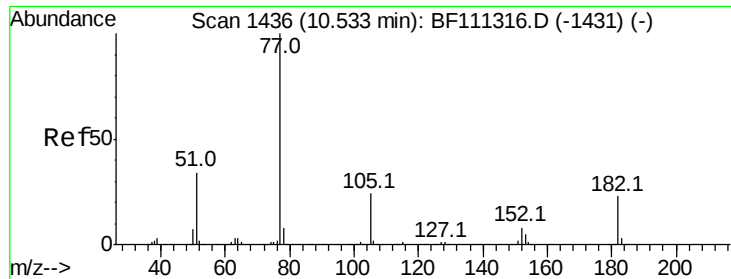
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#62
 4-Nitroaniline
 Concen: 9.655 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:	138	Resp:	127908
Ion Ratio	Lower	Upper	
138	100		
92	48.5	29.9	69.9
108	59.8	43.2	83.2





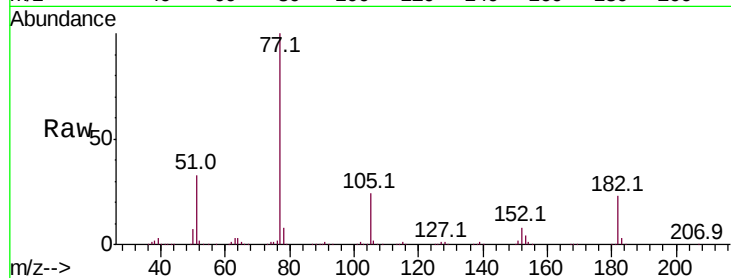
#63
Azobenzene
Concen: 10.892 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

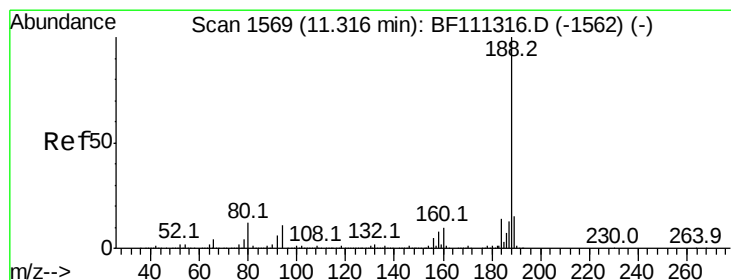
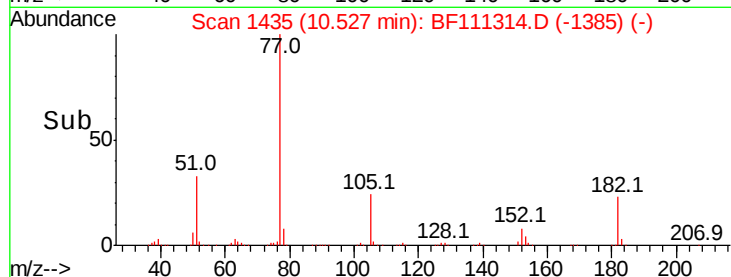
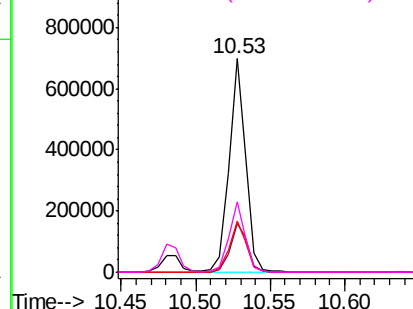
Tot Ion	Ratio	Lower	Upper
77	100		
182	22.5	4.9	44.9
105	23.9	6.0	46.0
51	32.8	14.7	54.7

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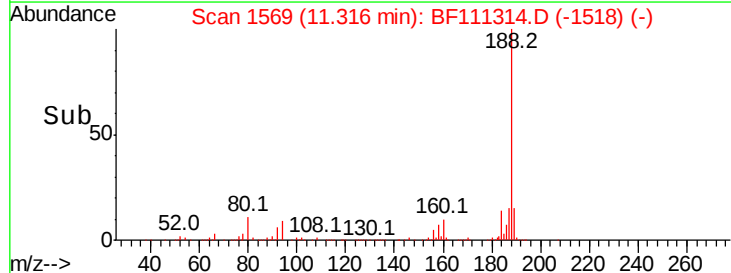
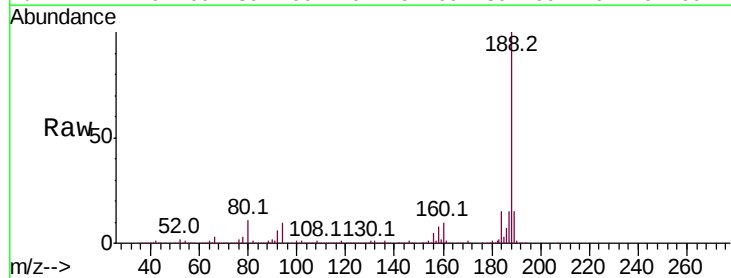
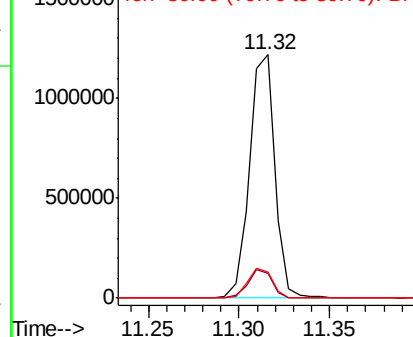
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

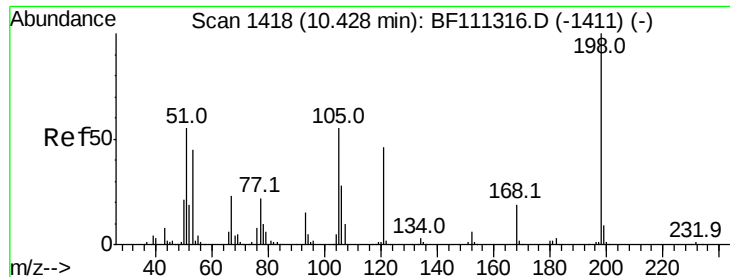


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.6	14.4
80	10.7	9.8	14.6

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 9.010 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

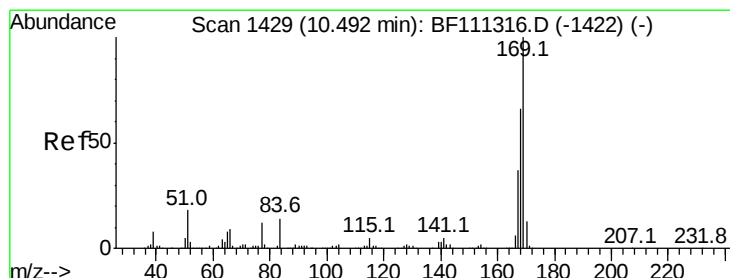
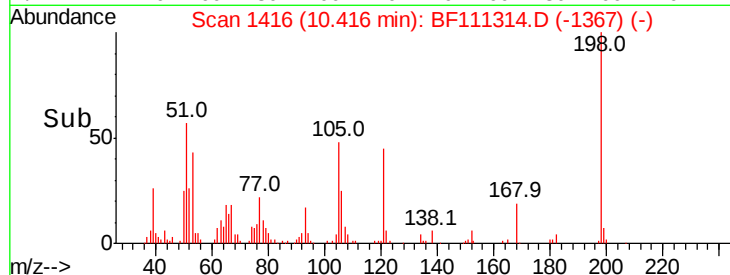
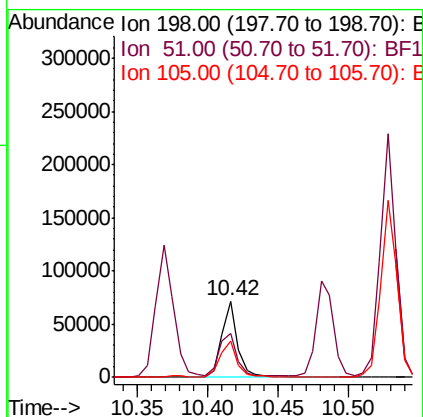
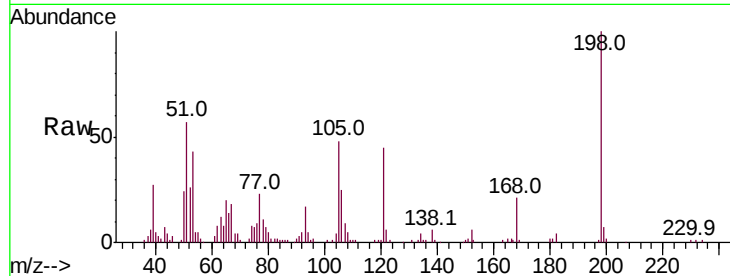
ClientSampleId :

SSTDIC010

Tot Ion:	198	Resp:	57487
Ion Ratio	Lower	Upper	
198	100		
51	56.9	48.0	88.0
105	48.0	34.0	74.0

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#66

n-Nitrosodiphenylamine

Concen: 11.746 ng

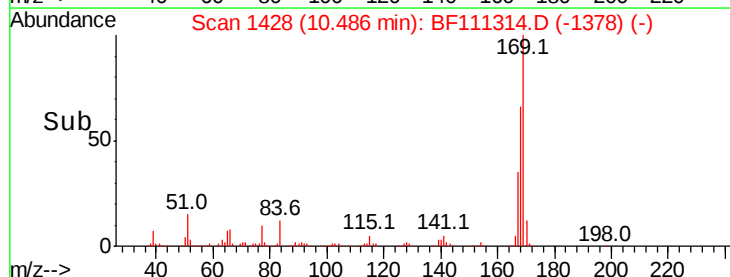
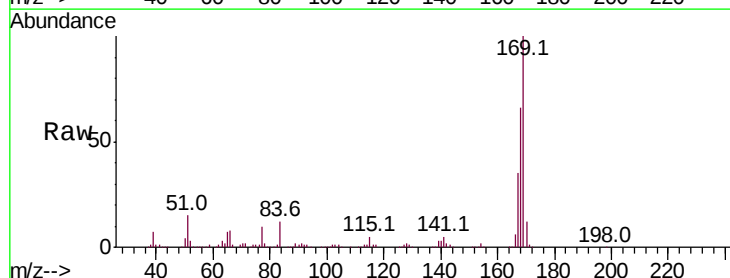
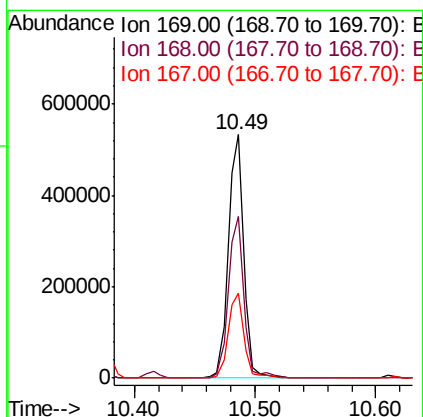
RT: 10.49 min Scan# 1428

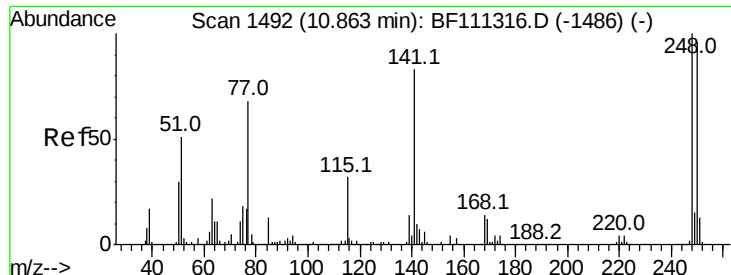
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:	169	Resp:	472849
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.4	81.6
167	35.1	30.5	45.7





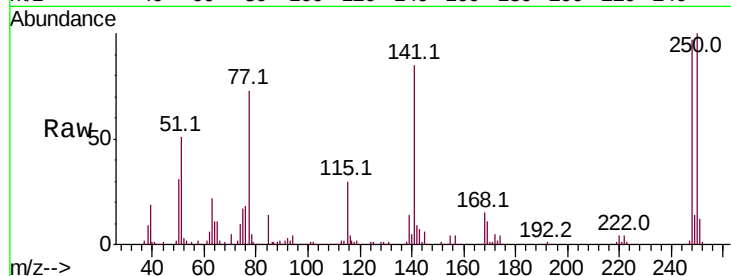
#67
4-Bromophenyl-phenylether
Concen: 11.105 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.7	77.0	115.4
141	87.2	63.0	94.6

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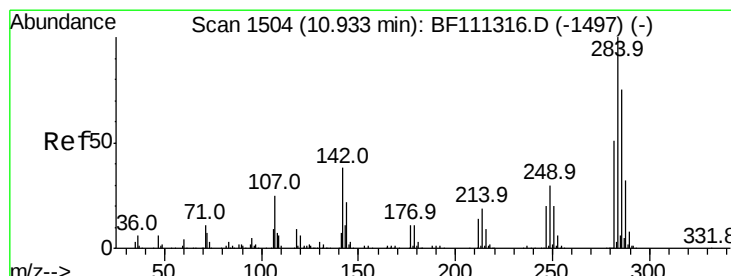
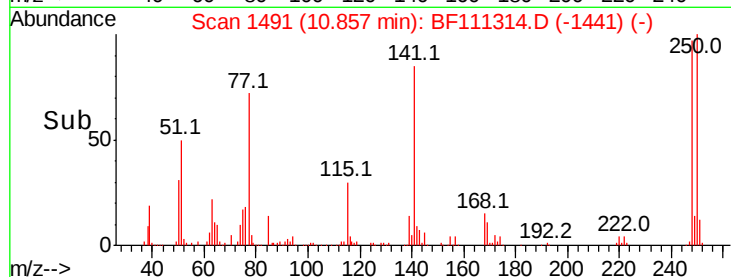
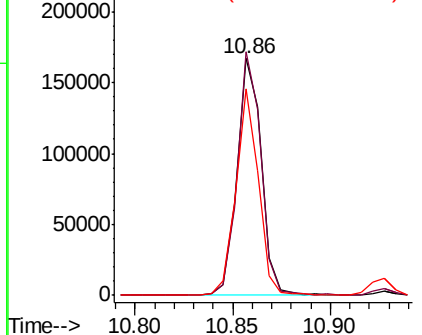


Abundance

Ion 248.00 (247.70 to 248.70): E

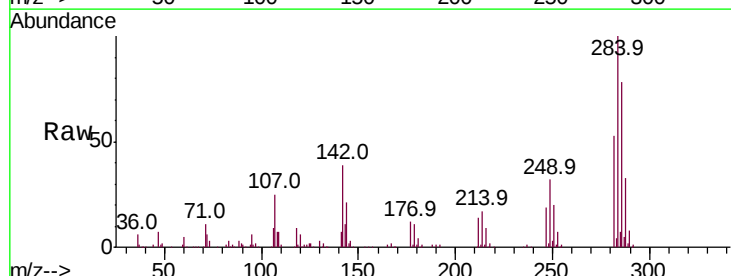
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 11.329 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	27.4	41.2
249	32.2	24.4	36.6

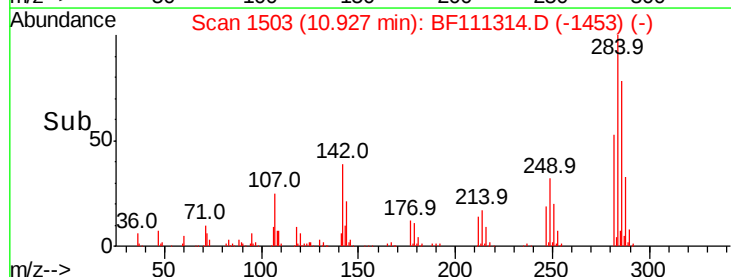
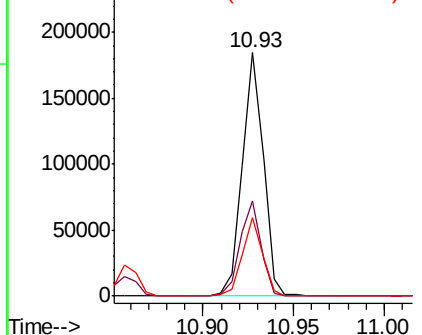


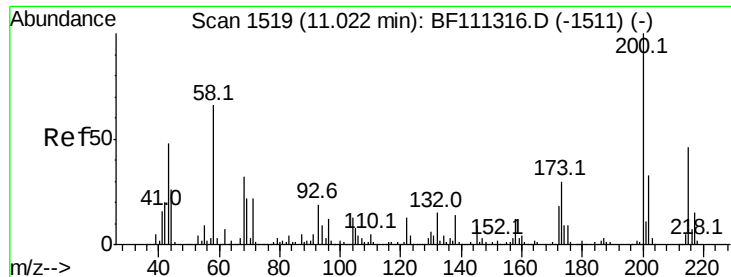
Abundance

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





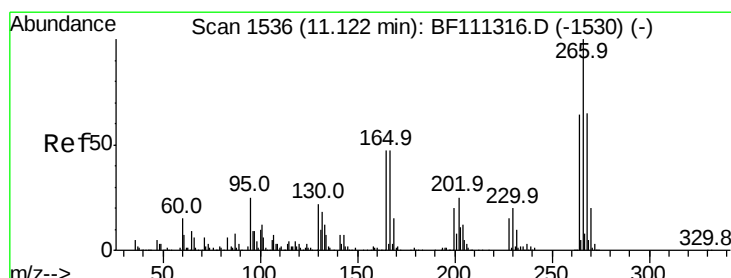
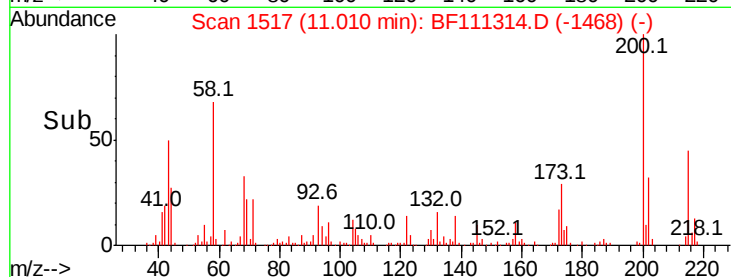
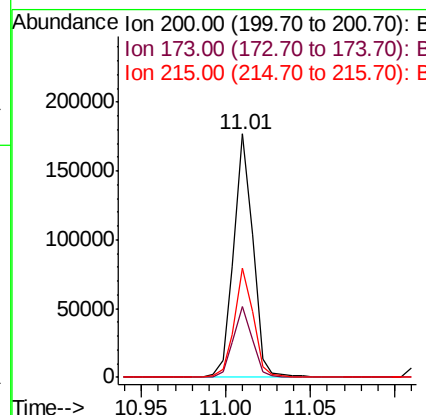
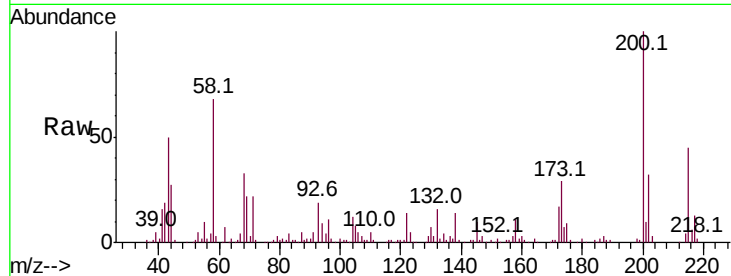
#69
Atrazine
Concen: 11.484 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.0	10.1	50.1
215	44.9	26.9	66.9

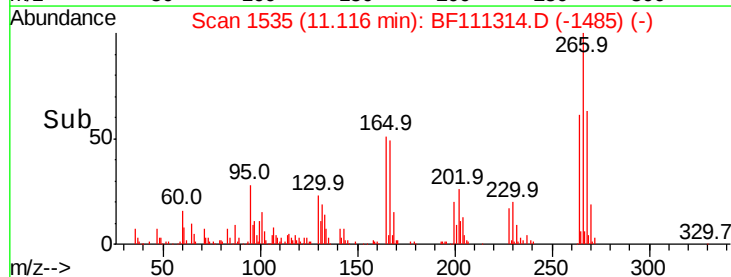
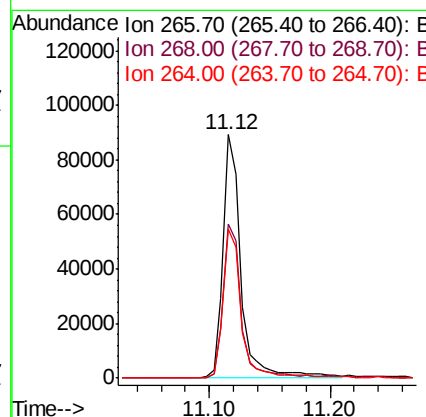
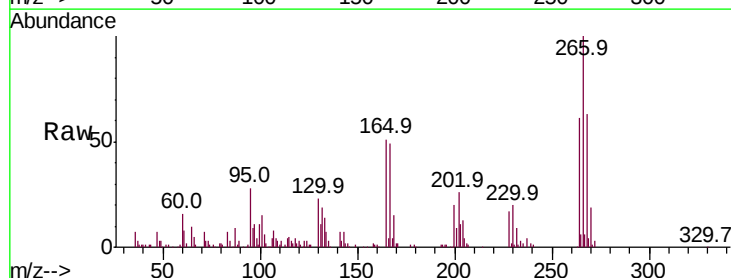
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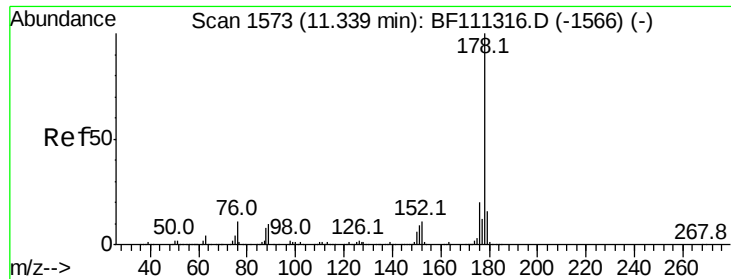
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#70
Pentachlorophenol
Concen: 9.568 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	47.9	71.9
264	61.2	49.1	73.7





#71

Phenanthrene

Concen: 11.634 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

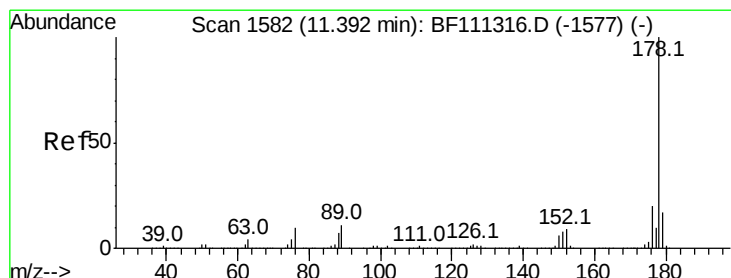
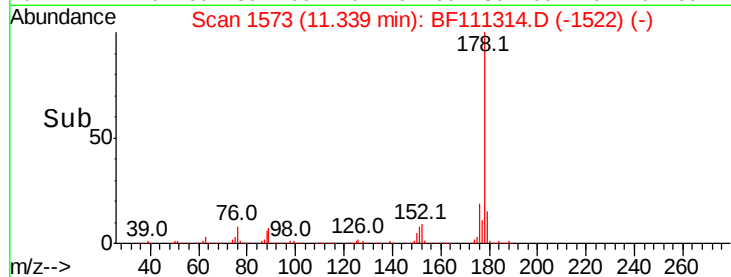
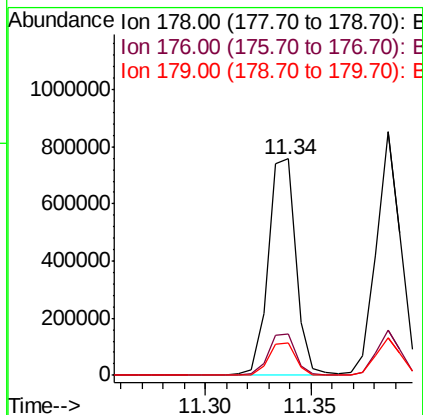
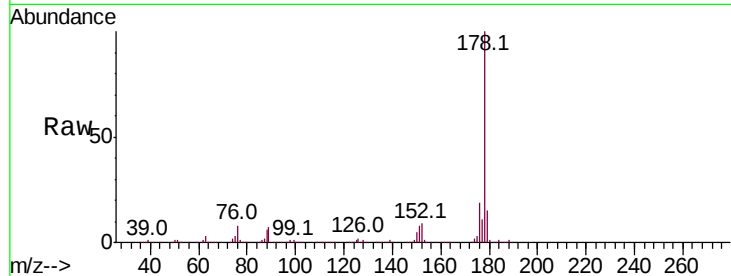
ClientSampleId :

SSTDICC010

Tot Ion:178	Resp:	693916
Ion Ratio	Lower	Upper
178	100	
176	19.0	18.1 27.1
179	15.2	14.0 21.0

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#72

Anthracene

Concen: 11.247 ng

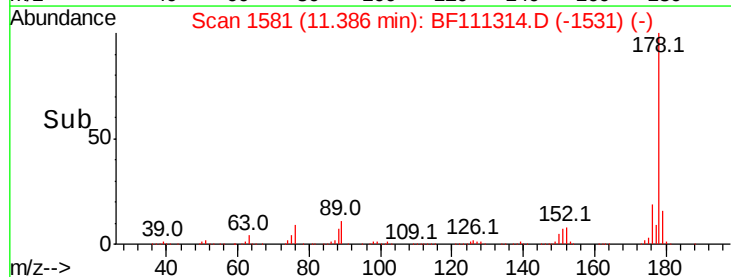
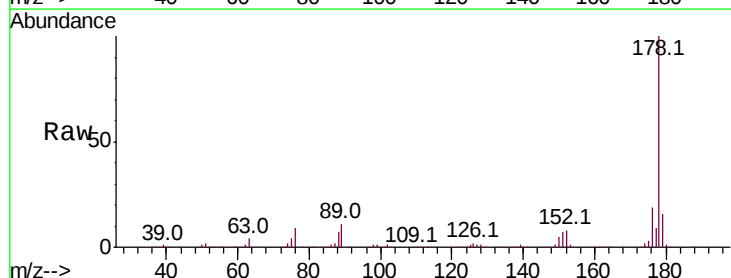
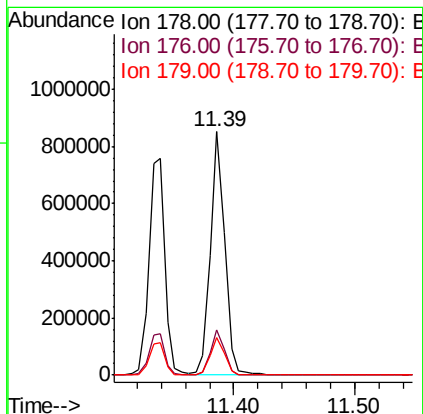
RT: 11.39 min Scan# 1581

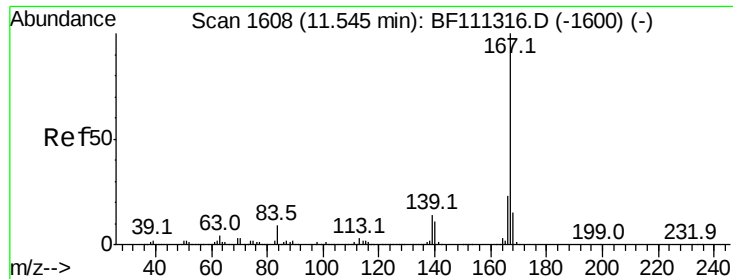
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:178	Resp:	701825
Ion Ratio	Lower	Upper
178	100	
176	18.6	17.2 25.8
179	15.6	13.8 20.8





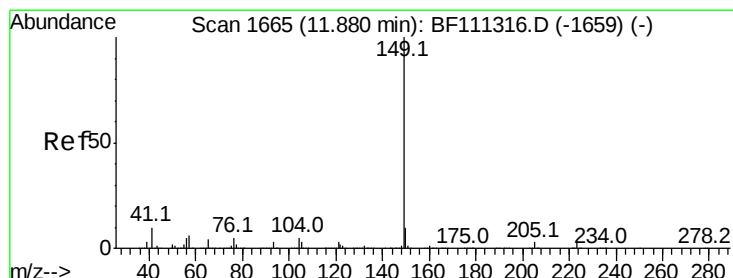
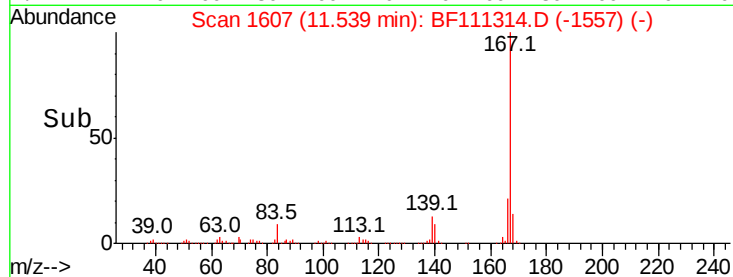
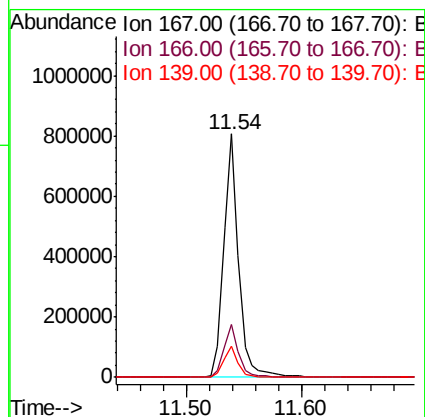
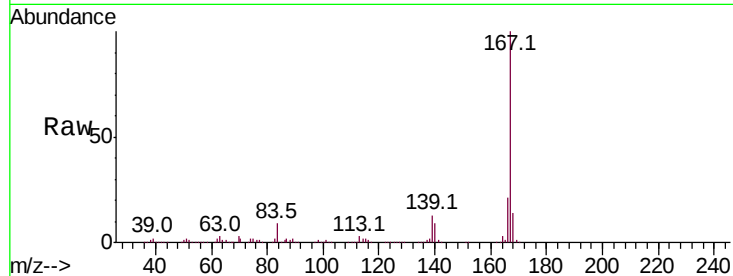
#73
 Carbazole
 Concen: 11.094 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:	167	Resp:	723880
Ion Ratio	Lower	Upper	
167	100		
166	21.5	19.3	28.9
139	12.8	11.9	17.9

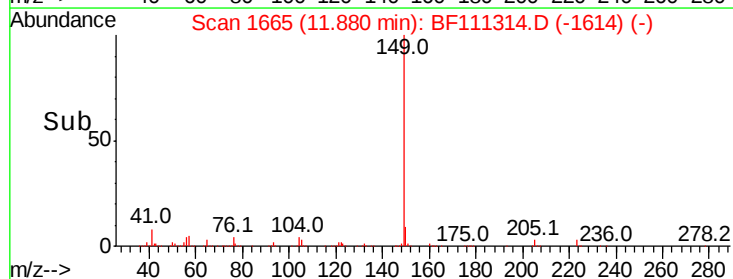
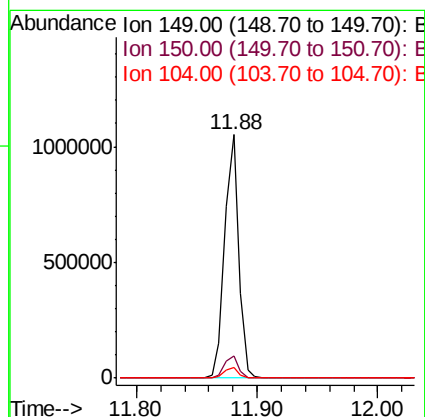
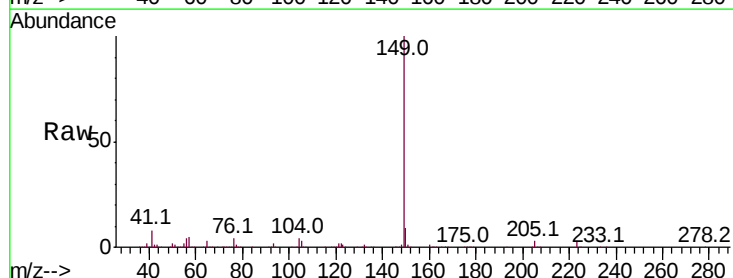
Manual Integrations
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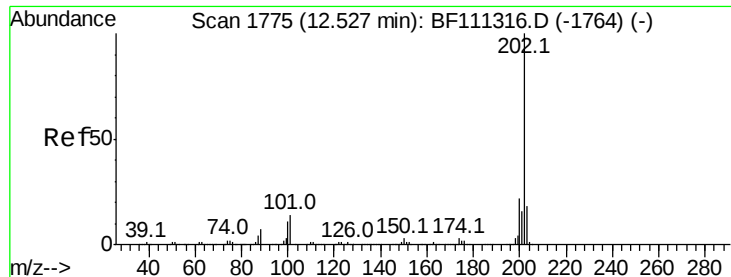
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#74
 Di-n-butylphthalate
 Concen: 12.501 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:	149	Resp:	838441
Ion Ratio	Lower	Upper	
149	100		
150	9.0	8.8	13.2
104	4.4	4.5	6.7#





#75

Fluoranthene

Concen: 12.418 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

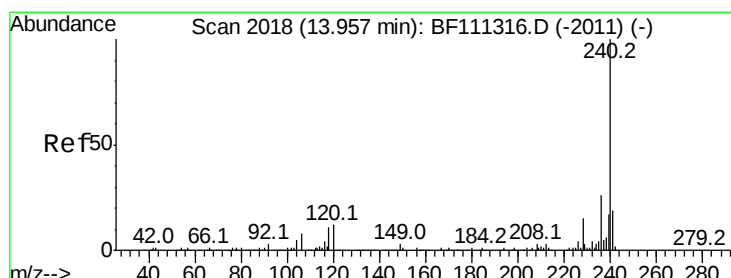
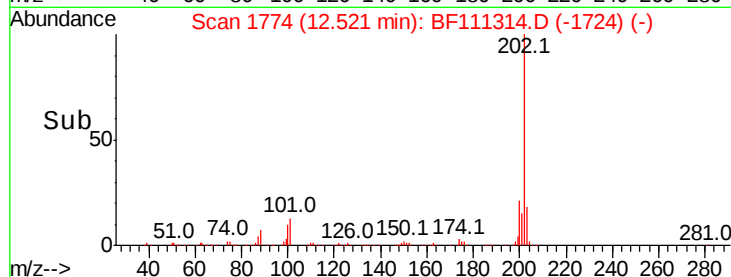
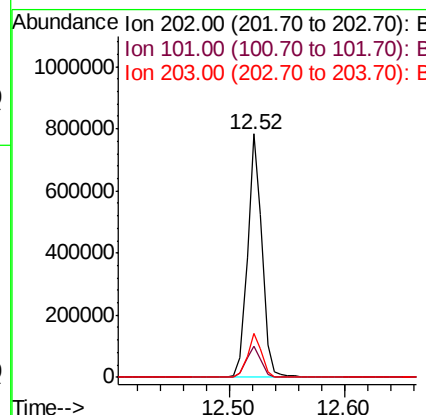
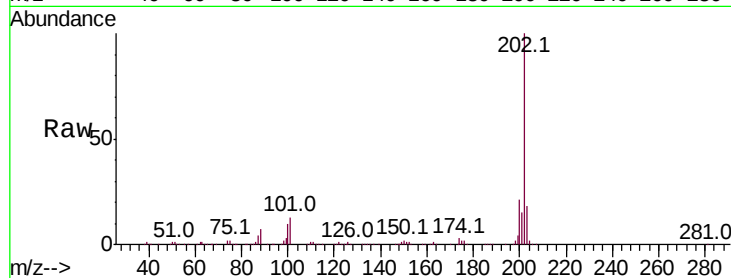
ClientSampled :

SSTDICC010

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	0.0	33.8
203	17.9	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

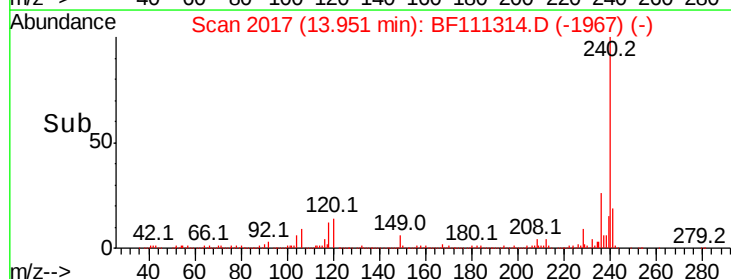
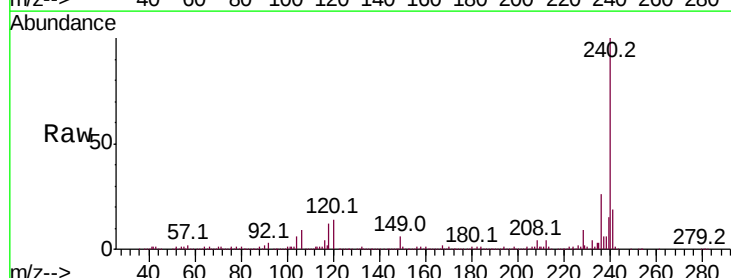
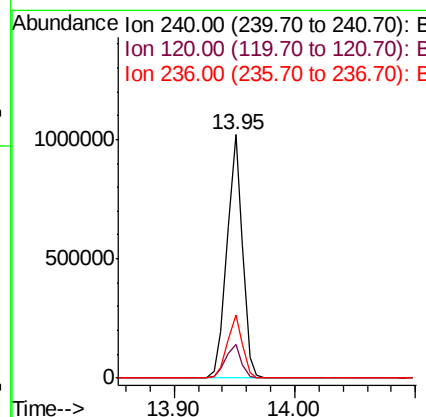
RT: 13.95 min Scan# 2017

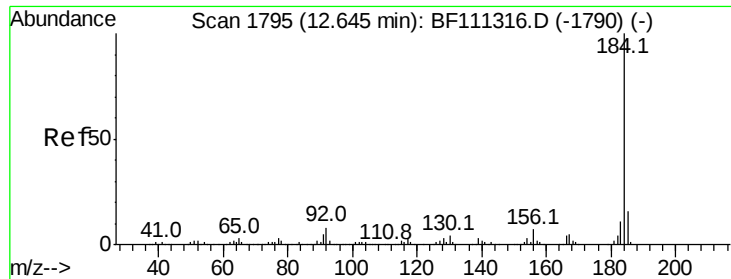
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.0	12.2	18.2
236	26.0	20.2	30.2





#77

Benzidine

Concen: 4.859 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

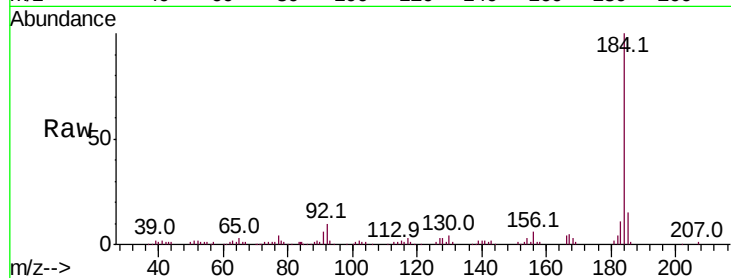
ClientSampleId :

SSTDIC010

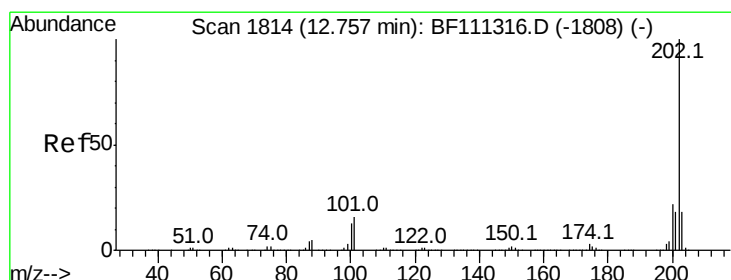
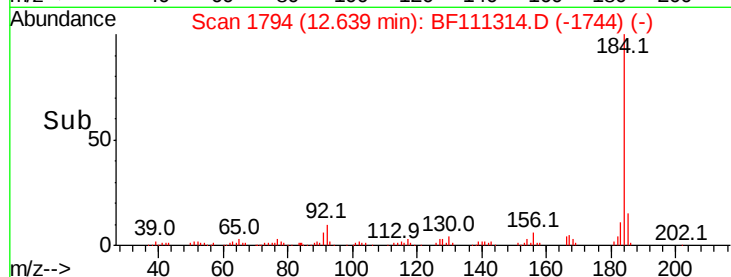
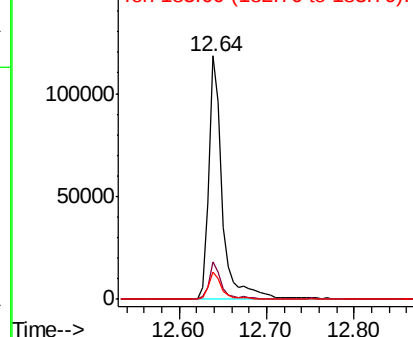
Tot Ion:	184	Resp:	129494
Ion Ratio	Lower	Upper	
184	100		
185	15.4	13.0	19.6
183	11.0	9.3	13.9

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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



#78

Pyrene

Concen: 10.944 ng

RT: 12.75 min Scan# 1813

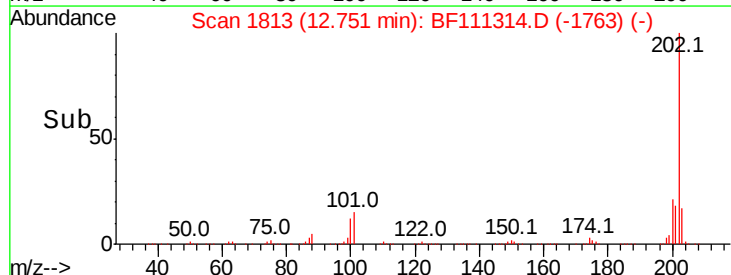
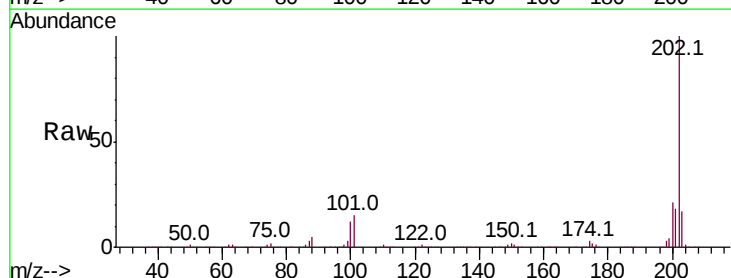
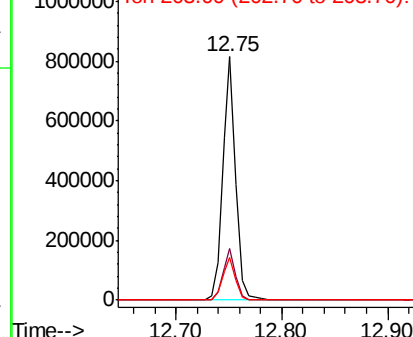
Delta R.T. -0.01 min

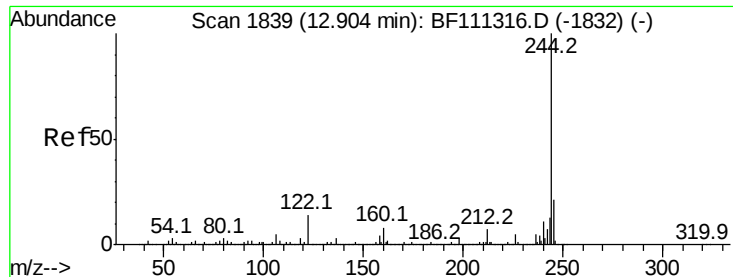
Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:	202	Resp:	701964
Ion Ratio	Lower	Upper	
202	100		
200	21.0	19.0	28.4
203	17.4	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





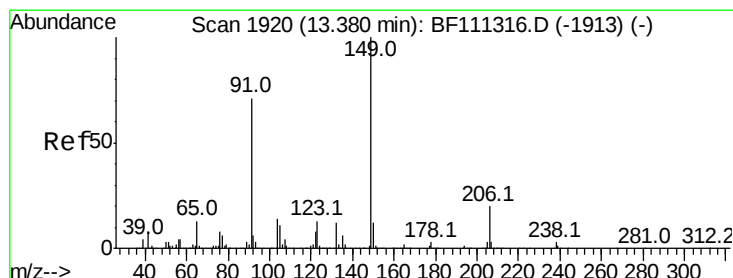
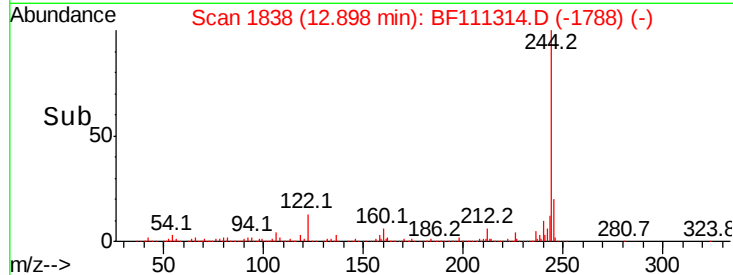
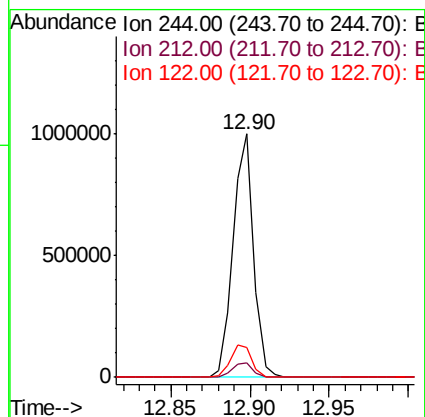
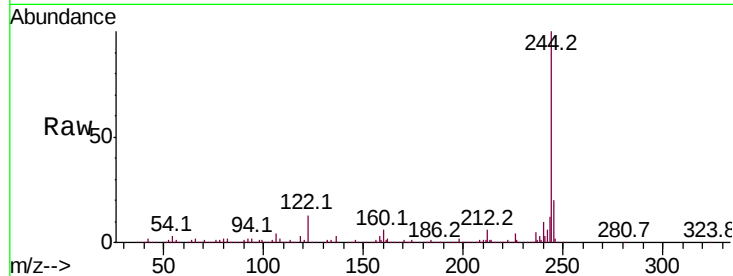
#79
 Terphenyl-d14
 Concen: 23.773 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC010

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.7	8.5
122	12.5	13.1	19.7

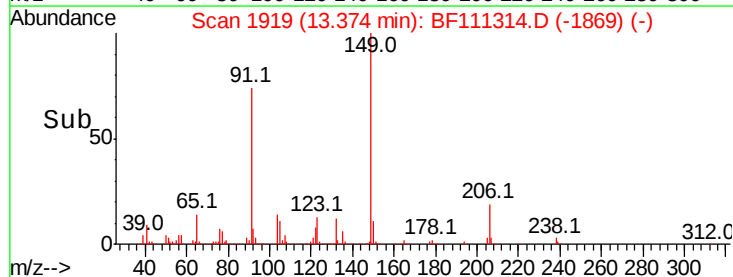
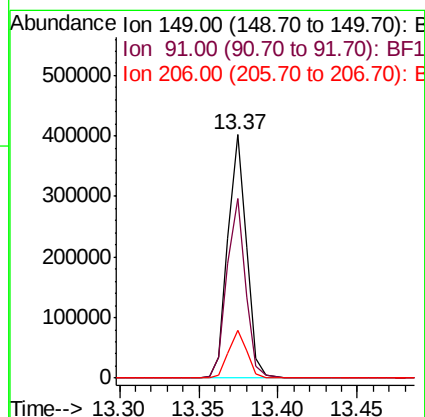
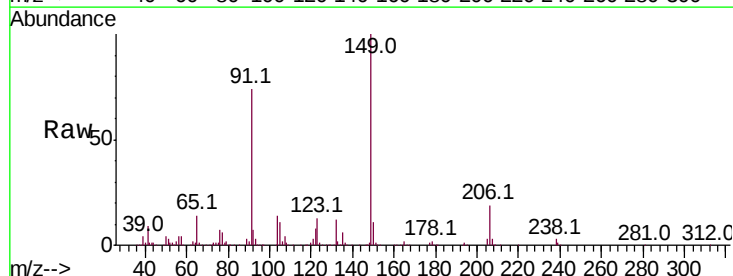
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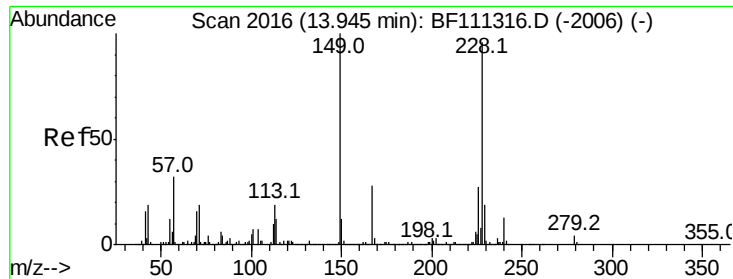
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#80
 Butylbenzylphthalate
 Concen: 9.827 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	63.8	95.6
206	19.5	15.1	22.7





#81

Benzo(a)anthracene

Concen: 10.860 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

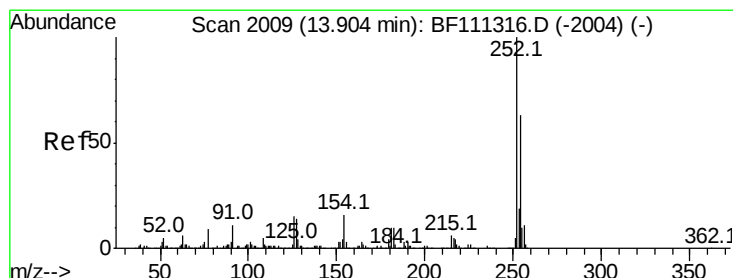
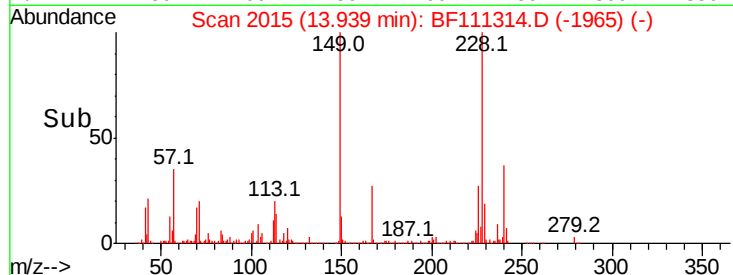
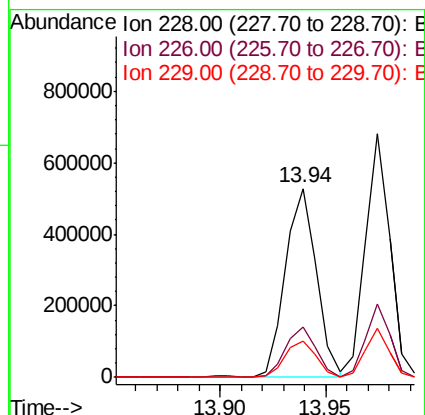
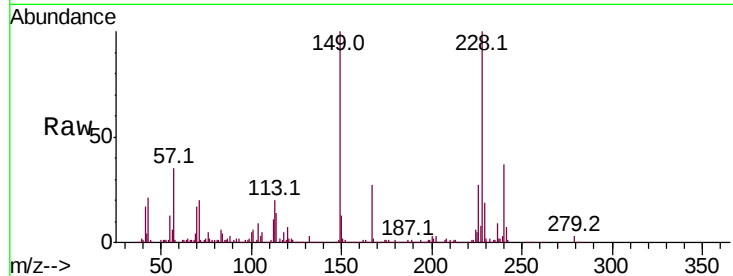
ClientSampleId :

SSTDIC010

Tot Ion:	228	Resp:	543816
Ion Ratio	Lower	Upper	
228	100		
226	26.6	22.6	34.0
229	19.4	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 10.668 ng

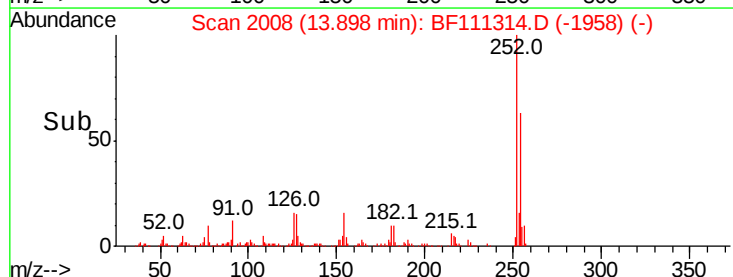
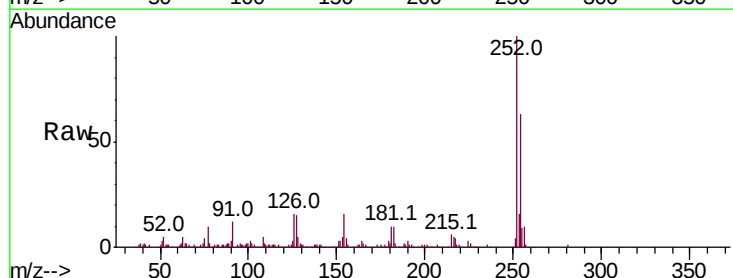
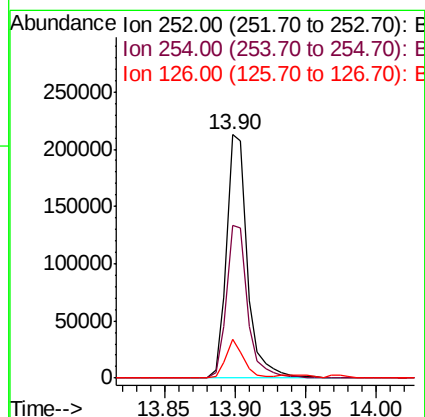
RT: 13.90 min Scan# 2008

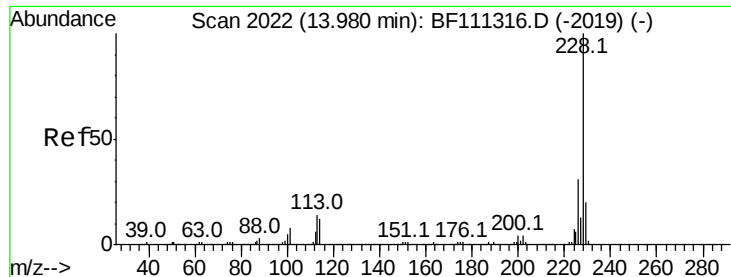
Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:	252	Resp:	218945
Ion Ratio	Lower	Upper	
252	100		
254	62.9	52.7	79.1
126	15.8	11.1	16.7





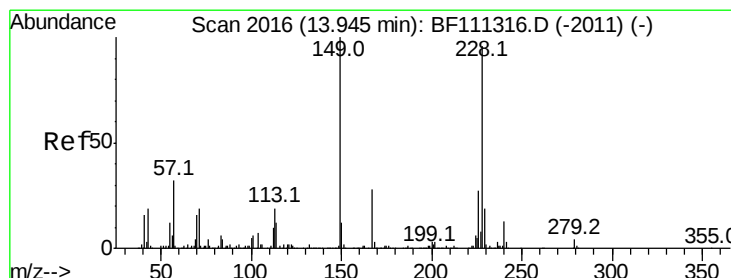
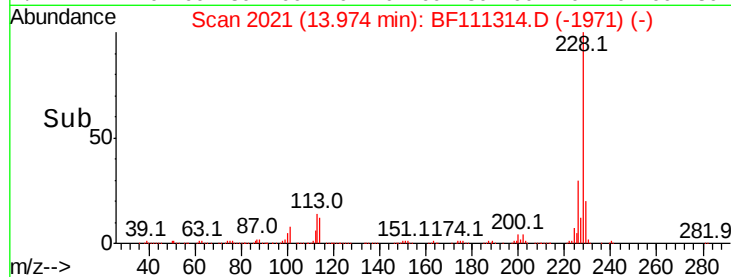
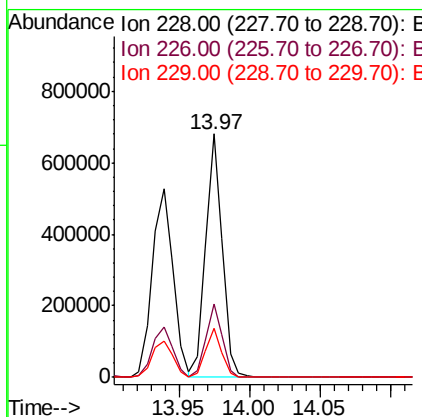
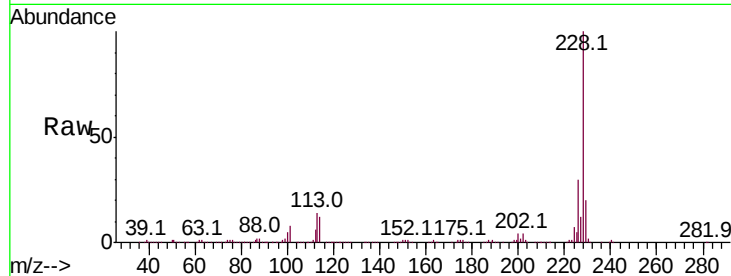
#83
 Chrysene
 Concen: 10.752 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Tot Ion:228	Resp:	555038
Ion Ratio	Lower	Upper
228 100		
226 29.9	25.3	37.9
229 20.0	17.2	25.8

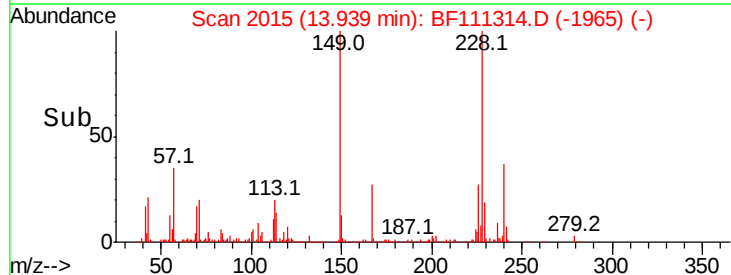
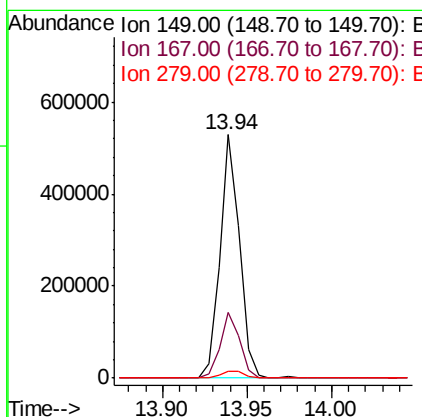
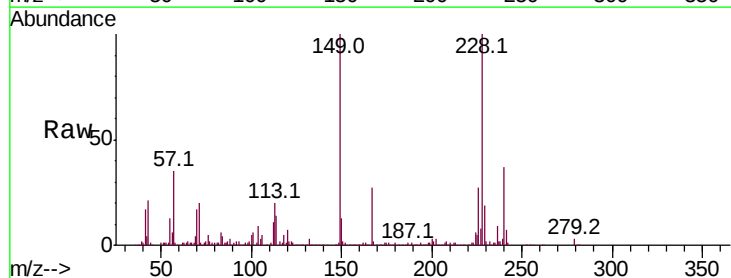
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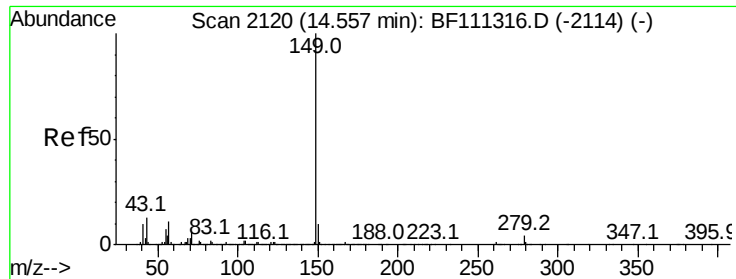
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.754 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111314.D
 Acq: 12 Dec 2018 10:14

Tgt Ion:149	Resp:	428097
Ion Ratio	Lower	Upper
149 100		
167 27.1	22.5	33.7
279 2.9	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 10.602 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Instrument :

BNA_F

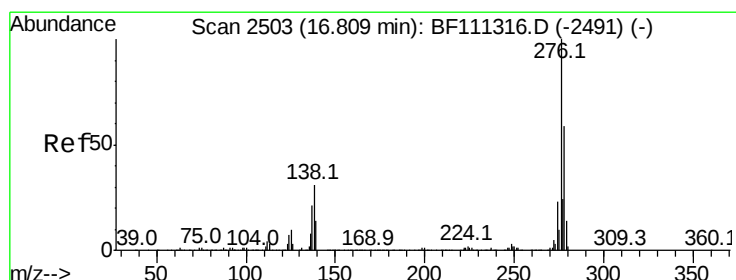
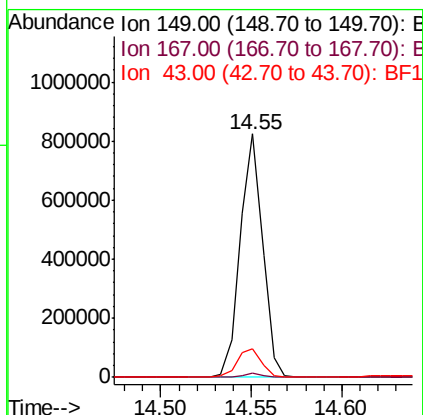
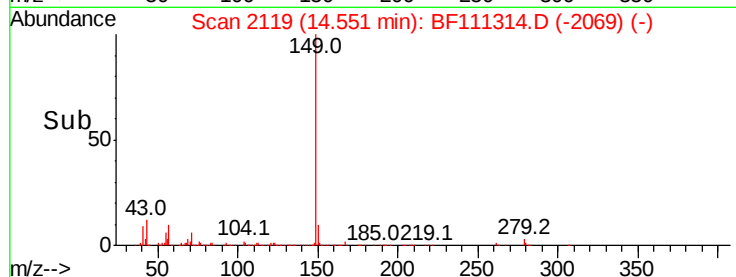
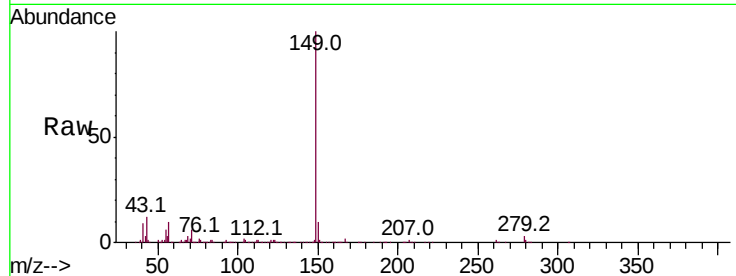
ClientSampleId :

SSTDIC010

Tot Ion:	149	Resp:	707421
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	12.5	10.9	16.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 8.815 ng

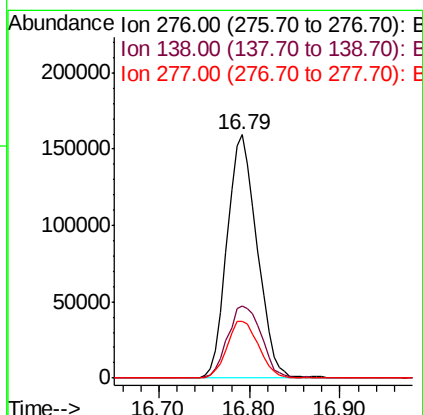
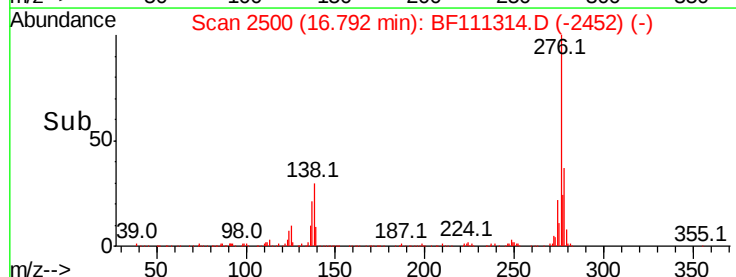
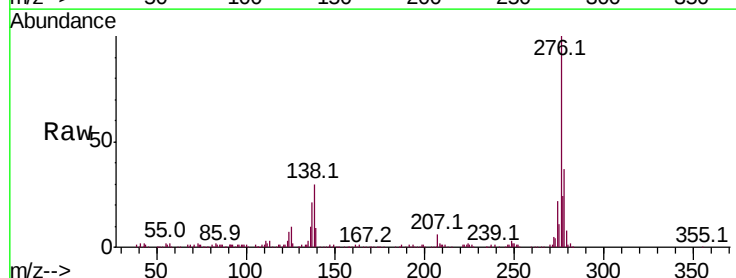
RT: 16.79 min Scan# 2500

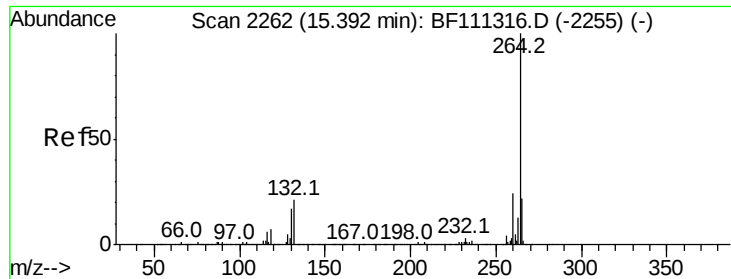
Delta R.T. -0.02 min

Lab File: BF111314.D

Acq: 12 Dec 2018 10:14

Tgt Ion:	276	Resp:	367329
Ion Ratio	Lower	Upper	
276	100		
138	33.1	27.8	41.6
277	24.7	20.1	30.1





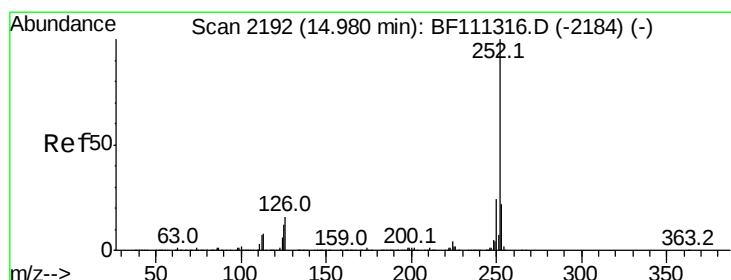
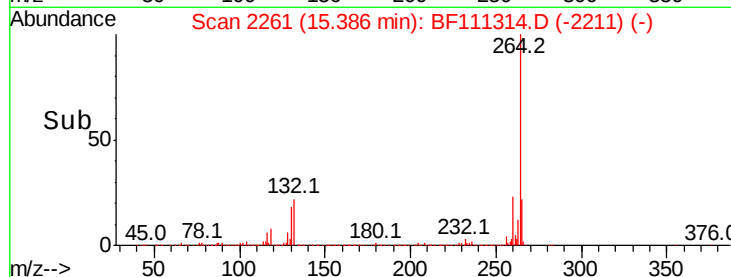
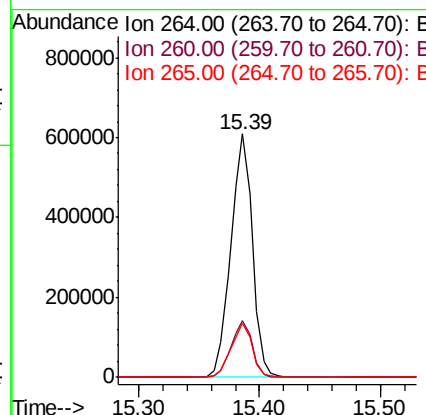
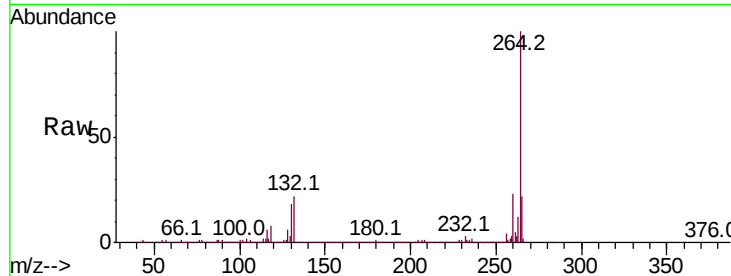
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	22.4	17.7	26.5

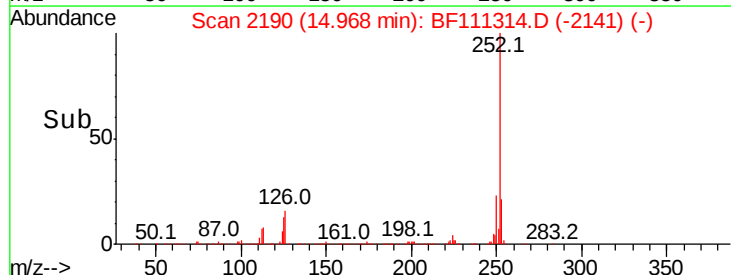
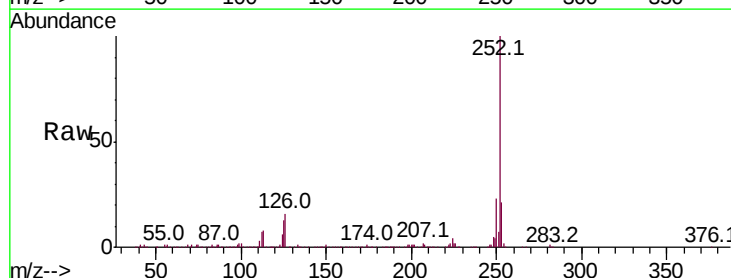
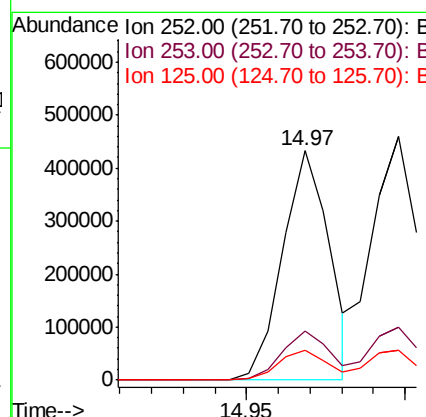
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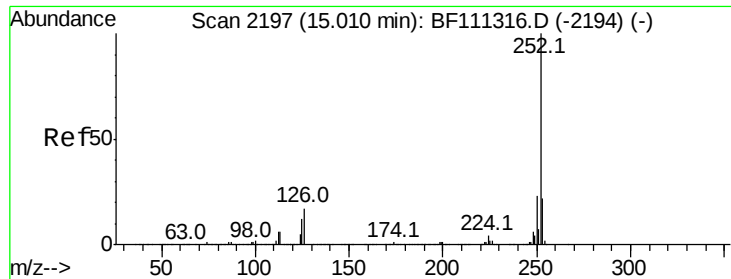
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#88
Benzo(b)fluoranthene
Concen: 10.714 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	13.0	10.4	15.6





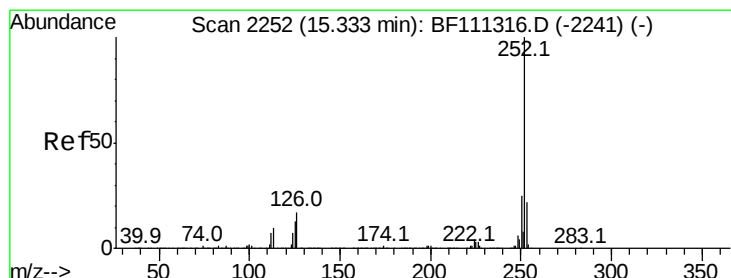
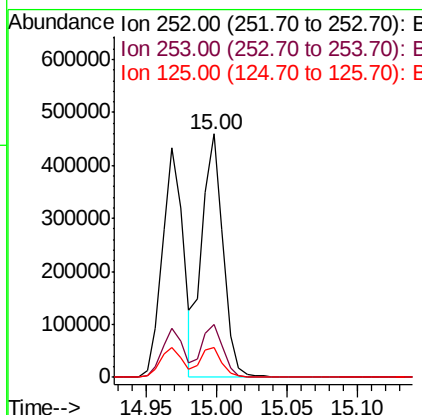
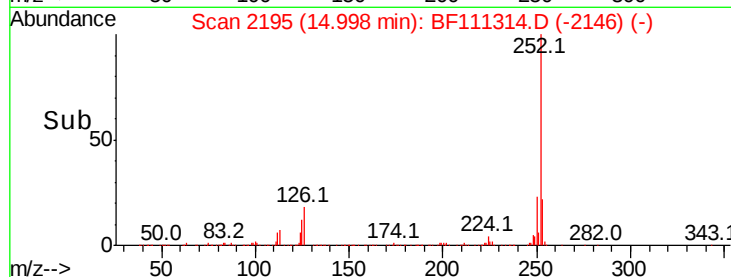
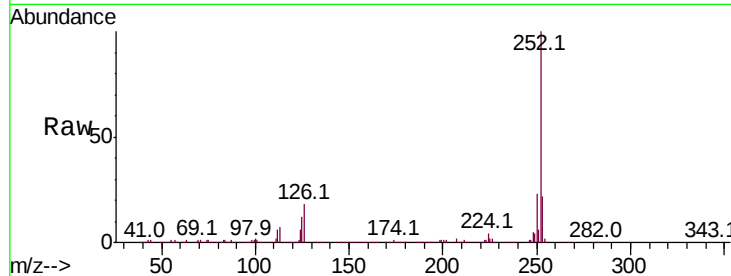
#89
Benzo(k)fluoranthene
Concen: 12.104 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.2	9.8	14.8

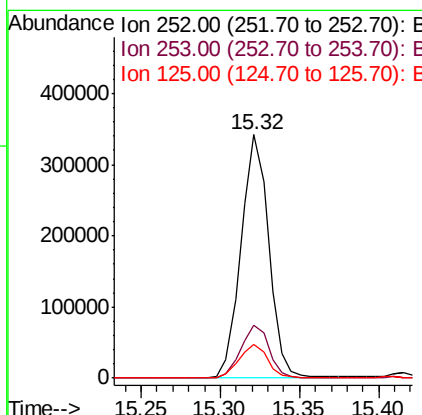
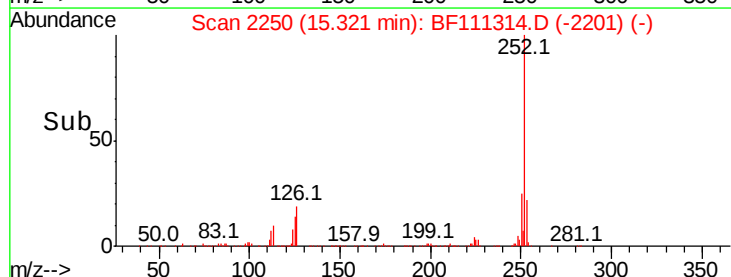
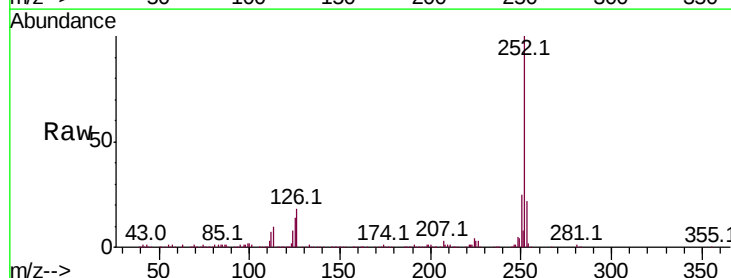
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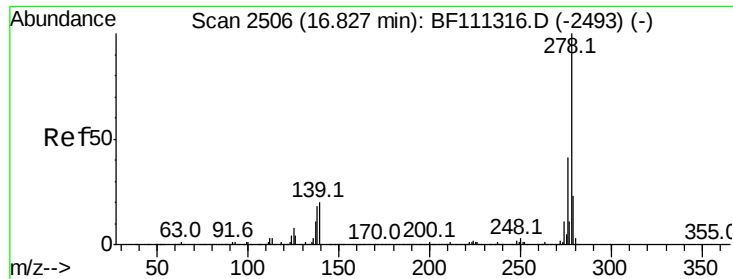
Sohil
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#90
Benzo(a)pyrene
Concen: 10.872 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	14.1	12.3	18.5





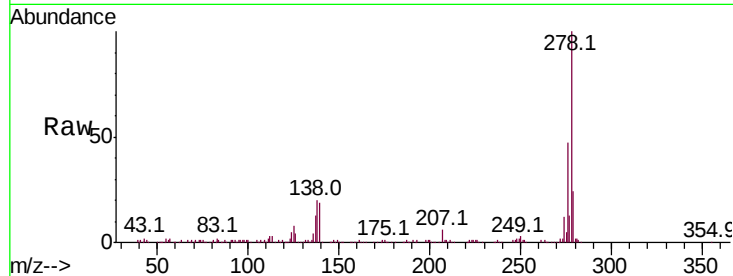
#91
Dibenzo(a,h)anthracene
Concen: 10.176 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.02 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	18.2	27.4
279	24.4	19.0	28.6

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12/13/2018 6:05:48 PM

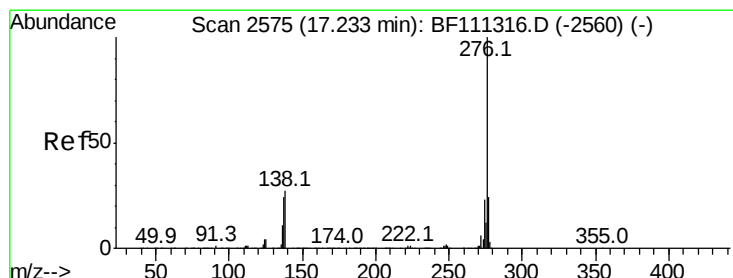
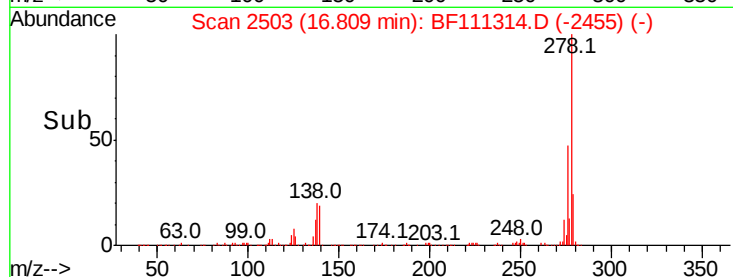
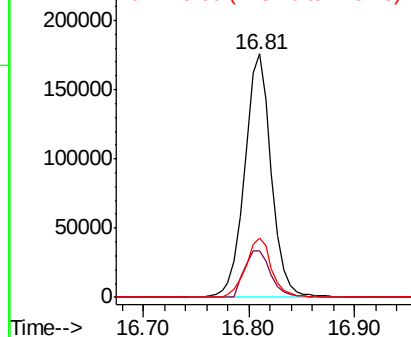


Abundance

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: 9.684 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BF111314.D
Acq: 12 Dec 2018 10:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	26.6	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

