

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111692.D
 Acq On : 21 Dec 2018 17:28
 Operator : JU/SJ
 Sample : J6447-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:10:47 PM

Quant Time: Dec 21 23:58:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	166109	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	589597	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	260960	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	435505	20.00	ng	0.00
76) Chrysene-d12	14.07	240	324795	20.00	ng	0.02
87) Perylene-d12	15.56	264	246147	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	791774	81.25	ng	0.02
7) Phenol-d6	6.54	99	1015346	81.87	ng	0.02
23) Nitrobenzene-d5	7.46	82	625318	61.73	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	249897	81.04	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1094837	61.15	ng	0.00
79) Terphenyl-d14	13.01	244	989732	57.79	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	89353	19.488	ng	97
3) Pyridine	3.50	79	246764	20.658	ng	98
4) n-Nitrosodimethylamine	3.40	42	169155	28.935	ng	82
6) Aniline	6.56	93	62734	3.968	ng	# 86
8) 2-Chlorophenol	6.69	128	301329	27.913	ng	95
9) Benzaldehyde	6.45	77	94299	11.055	ng	95
10) Phenol	6.55	94	460652	32.919	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	283981	27.082	ng	98
12) 1,3-Dichlorobenzene	6.85	146	334400	26.730	ng	98
13) 1,4-Dichlorobenzene	6.92	146	339281	26.741	ng	96
14) 1,2-Dichlorobenzene	7.07	146	317121	26.790	ng	97
15) Benzyl Alcohol	7.04	79	263902	26.793	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	478536	24.779	ng	99
17) 2-Methylphenol	7.16	107	238945	27.643	ng	96
18) Hexachloroethane	7.42	117	73517	17.195	ng	# 90
19) n-Nitroso-di-n-propylamine	7.31	70	215722	26.191	ng	98
20) 3+4-Methylphenols	7.30	107	318582	29.168	ng	# 85
22) Acetophenone	7.30	105	408861	27.373	ng	# 98
24) Nitrobenzene	7.48	77	316254	29.790	ng	97
25) Isophorone	7.72	82	549326	30.548	ng	99
26) 2-Nitrophenol	7.80	139	148196	34.419	ng	95
27) 2,4-Dimethylphenol	7.83	122	265733	31.308	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	340362	28.444	ng	100
29) 2,4-Dichlorophenol	8.04	162	250283	27.416	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	274949	27.027	ng	97
31) Naphthalene	8.20	128	843982	29.792	ng	97
32) Benzoic acid	7.95	122	165692	29.525	ng	96
33) 4-Chloroaniline	8.25	127	47249	3.859	ng	97
34) Hexachlorobutadiene	8.33	225	166242	26.812	ng	96
35) Caprolactam	8.62	113	70720	22.861	ng	# 86
36) 4-Chloro-3-methylphenol	8.73	107	238359	26.561	ng	98
37) 2-Methylnaphthalene	8.90	142	553495	30.030	ng	98
38) 1-Methylnaphthalene	9.00	142	515437	29.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	266205	31.044	ng	# 96

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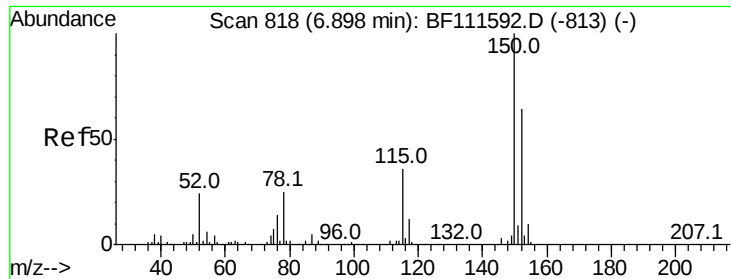
Manual Integrations
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 12/26/2018 3:10:47 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	22952	5.516	nq	94
43) 2,4,6-Trichlorophenol	9.17	196	168553	29.441	nq	98
44) 2,4,5-Trichlorophenol	9.22	196	171924	29.271	nq	94
46) 1,1'-Biphenyl	9.36	154	687736	31.220	nq	93
47) 2-Chloronaphthalene	9.39	162	501041	28.707	nq	93
48) 2-Nitroaniline	9.47	65	155036	34.145	nq	98
49) Acenaphthylene	9.80	152	752003	29.510	nq	96
50) Dimethylphthalate	9.66	163	652030	34.168	nq	98
51) 2,6-Dinitrotoluene	9.72	165	118172	31.056	nq	98
52) Acenaphthene	9.97	154	449140	28.577	nq	99
53) 3-Nitroaniline	9.88	138	57372	14.137	nq	95
54) 2,4-Dinitrophenol	9.98	184	22077	23.734	nq	# 1
55) Dibenzofuran	10.15	168	664956	28.004	nq	94
56) 4-Nitrophenol	10.05	139	183028	59.098	nq	91
57) 2,4-Dinitrotoluene	10.12	165	145659	31.850	nq	# 95
58) Fluorene	10.49	166	508229	29.703	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	145512	29.439	nq	89
60) Diethylphthalate	10.36	149	542907	29.002	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	254940	26.969	nq	89
62) 4-Nitroaniline	10.49	138	67786	17.186	nq	93
63) Azobenzene	10.64	77	475974	25.327	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	19069	15.810	nq	86
66) n-Nitrosodiphenylamine	10.59	169	425284	29.091	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	151773	28.098	nq	91
68) Hexachlorobenzene	11.04	284	174778	29.020	nq	94
69) Atrazine	11.12	200	155187	30.556	nq	96
70) Pentachlorophenol	11.23	266	182919	49.128	nq	96
71) Phenanthrene	11.45	178	725181	31.398	nq	93
72) Anthracene	11.50	178	709610	30.609	nq	95
73) Carbazole	11.65	167	616033	27.370	nq	95
74) Di-n-butylphthalate	11.99	149	749350	29.694	nq	96
75) Fluoranthene	12.64	202	718342	30.714	nq	94
77) Benzidine	12.73	184	41468m	3.393	nq	
78) Pyrene	12.87	202	723428	31.541	nq	96
80) Butylbenzylphthalate	13.49	149	285844	30.574	nq	# 90
81) Benzo(a)anthracene	14.06	228	549612	29.651	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	4379	0.598	nq	# 54
83) Chrysene	14.09	228	494583	27.148	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	387942	32.942	nq	# 98
85) Di-n-octyl phthalate	14.67	149	577558	31.654	nq	100
86) Indeno(1,2,3-cd)pyrene	17.05	276	405796	26.202	nq	# 87
88) Benzo(b)fluoranthene	15.12	252	439032	30.518	nq	# 96
89) Benzo(k)fluoranthene	15.15	252	416931	30.442	nq	96
90) Benzo(a)pyrene	15.49	252	387417	29.643	nq	# 95
91) Dibenzo(a,h)anthracene	17.07	278	340600	29.760	nq	# 90
92) Benzo(g,h,i)perylene	17.50	276	318126	28.466	nq	# 88

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



#1

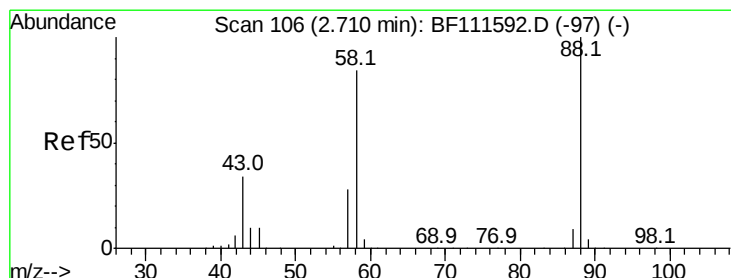
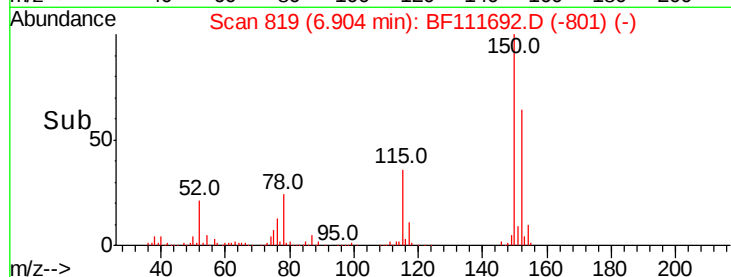
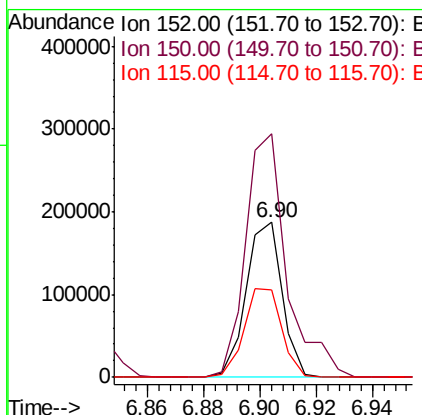
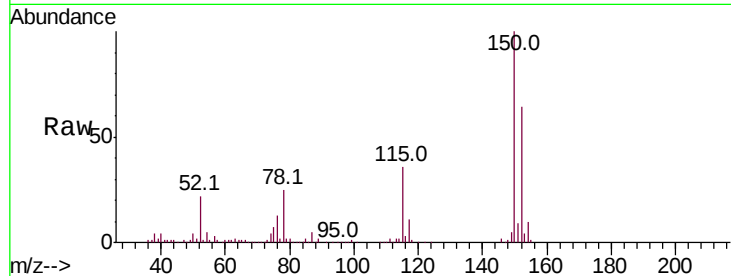
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	56.3	50.7	76.1

Manual Integrations
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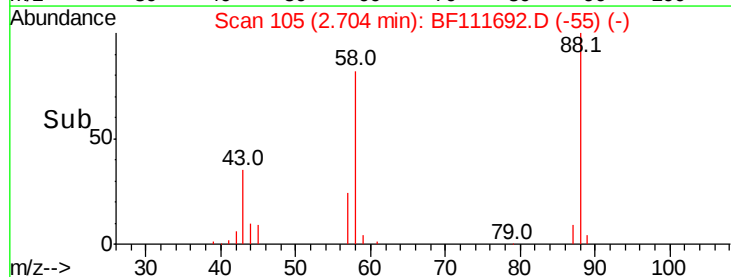
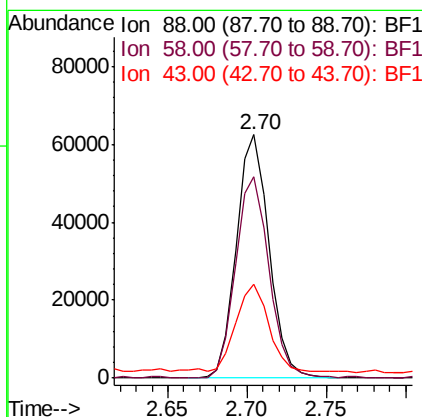
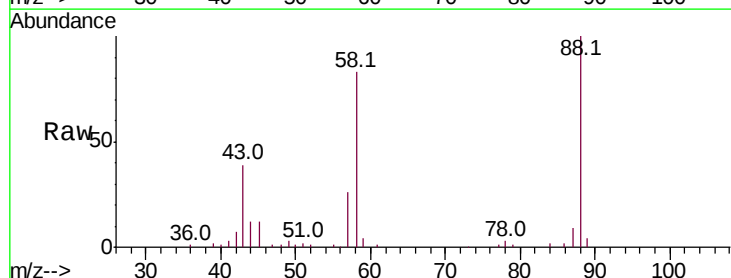
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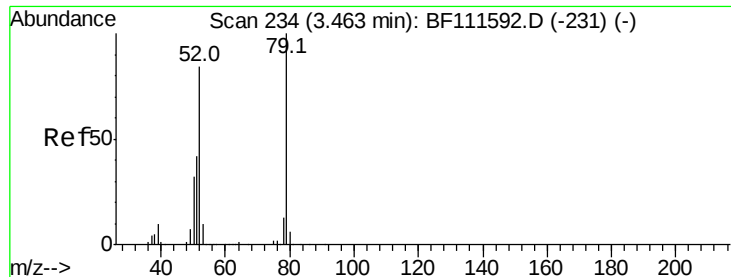


#2

1,4-Dioxane
Concen: 19.488 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	68.9	103.3
43	36.8	25.8	38.6





#3

Pvridine

Concen: 20.658 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.04 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

ClientSampleId :

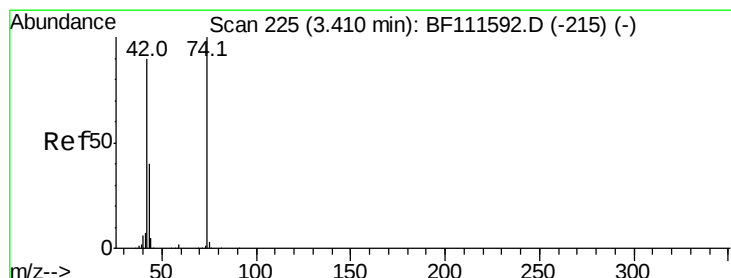
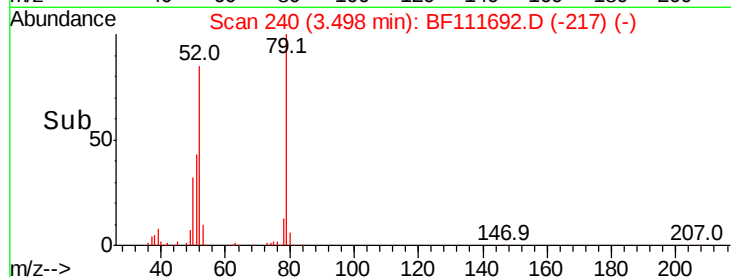
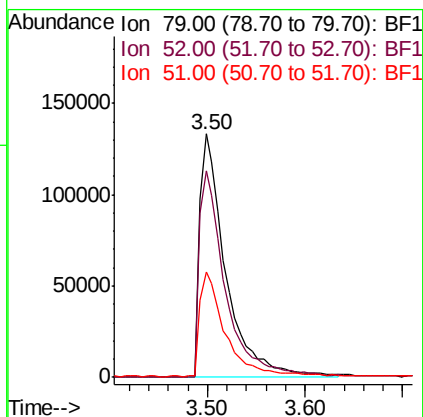
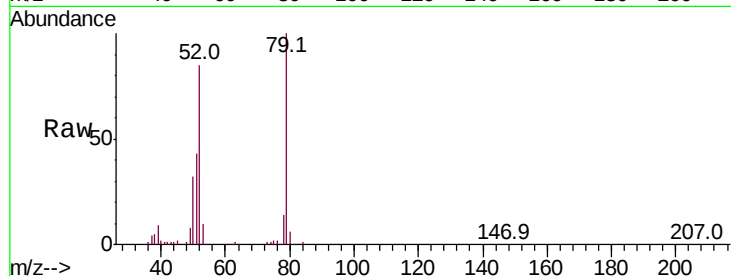
P001-SS025-1218-01MS

Tot Ion: 79 Resp: 246764

Ion	Ratio	Lower	Upper
79	100		
52	84.8	68.3	102.5
51	43.2	32.6	49.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 28.935 ng

RT: 3.40 min Scan# 224

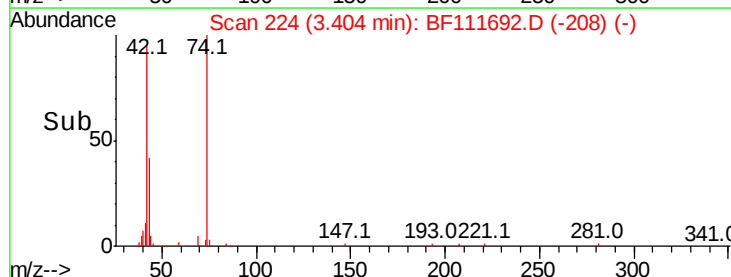
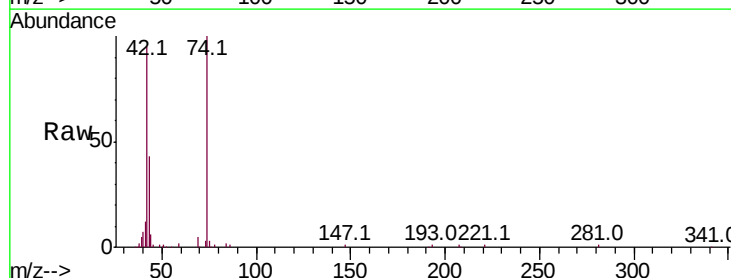
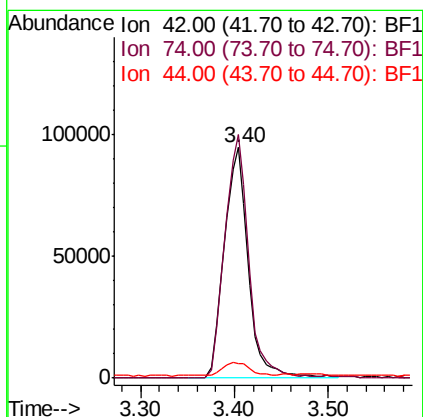
Delta R.T. -0.01 min

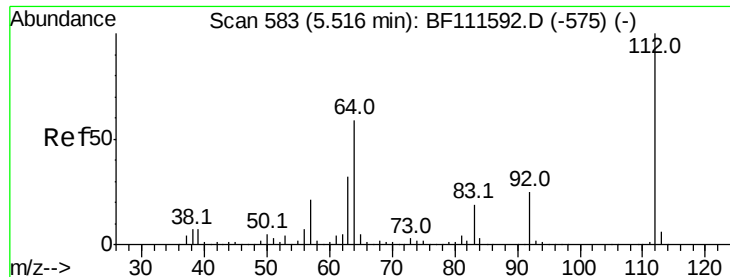
Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion: 42 Resp: 169155

Ion	Ratio	Lower	Upper
42	100		
74	105.6	101.5	152.3
44	6.5	6.0	9.0





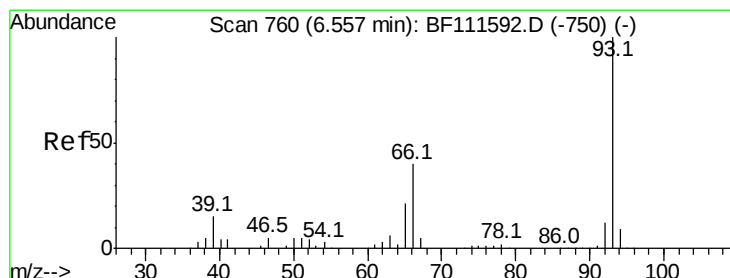
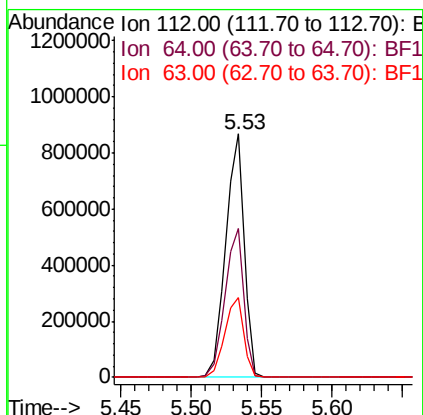
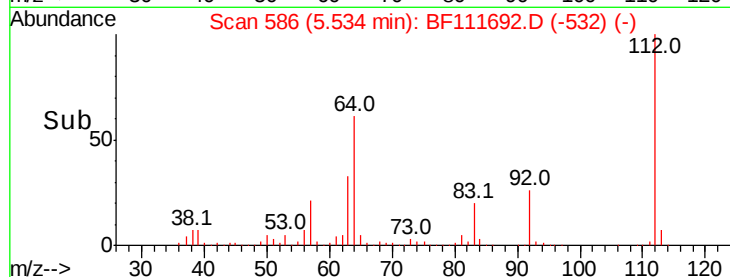
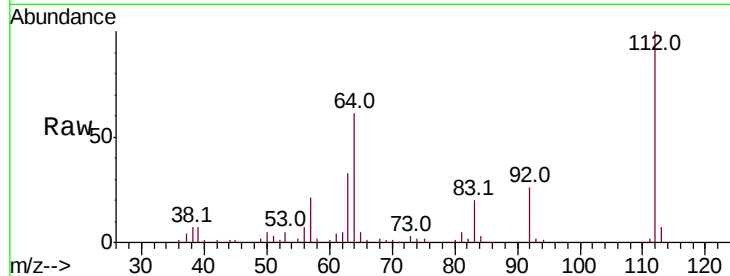
#5
2-Fluorophenol
Concen: 81.248 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	791774		
64	61.2	51.8	77.6	
63	32.9	26.8	40.2	

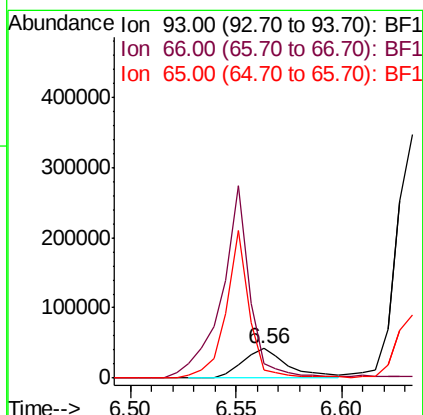
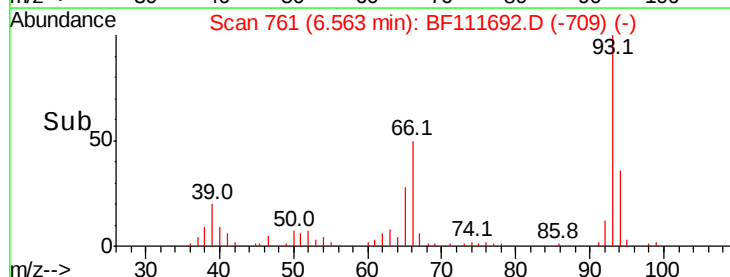
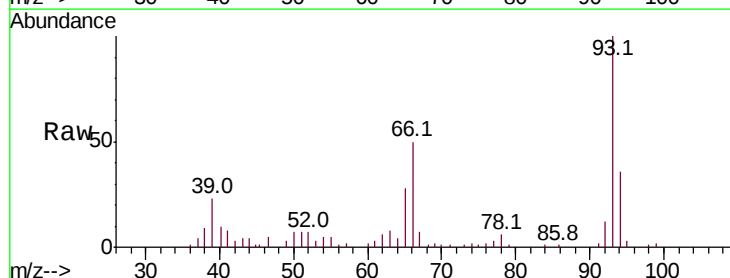
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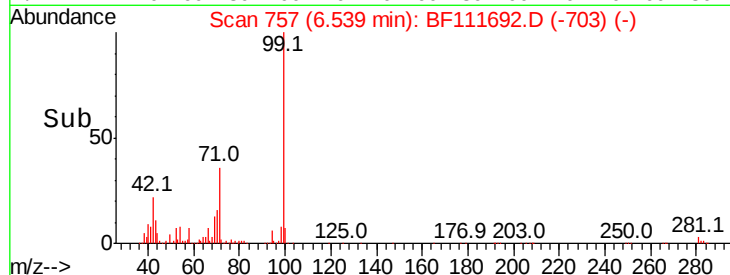
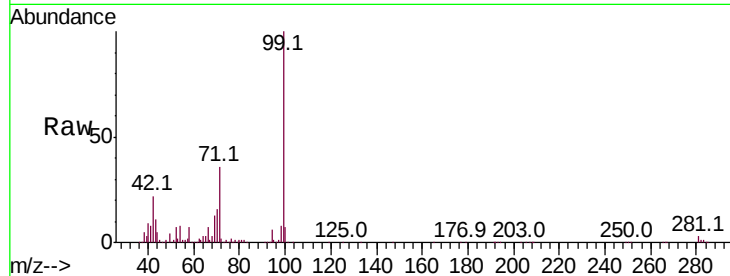
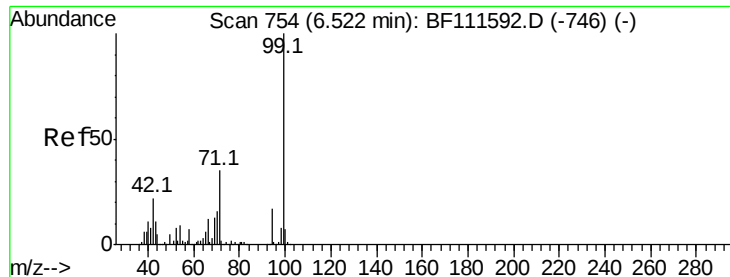
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#6
Aniline
Concen: 3.968 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	62734		
66	49.6	33.2	49.8	
65	28.5	17.0	25.4	





#7

Phenol-d6

Concen: 81.869 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tot Ion: 99 Resp: 1015346

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

71 36.0 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

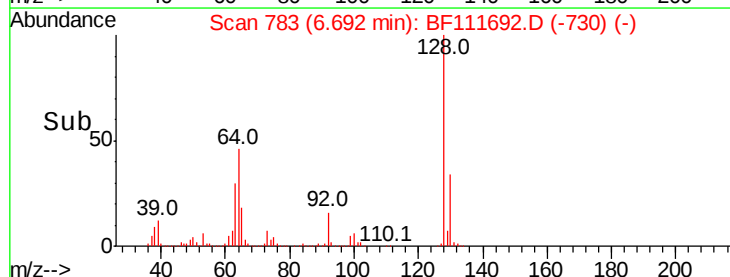
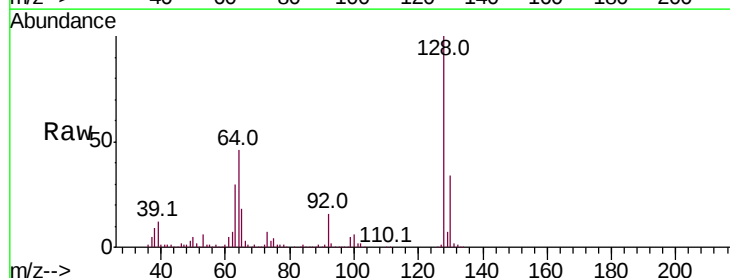
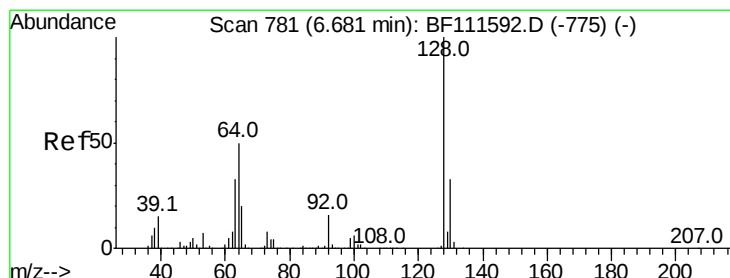
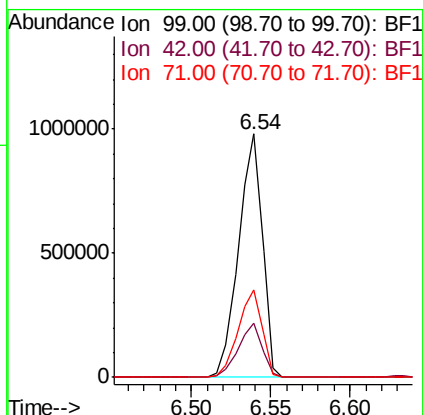
P001-SS025-1218-01MS

Manual Integrations

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#8

2-Chlorophenol

Concen: 27.913 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

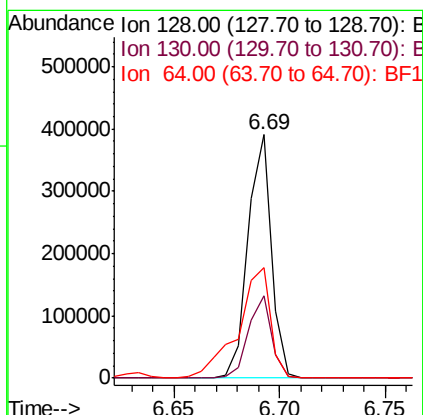
Tgt Ion:128 Resp: 301329

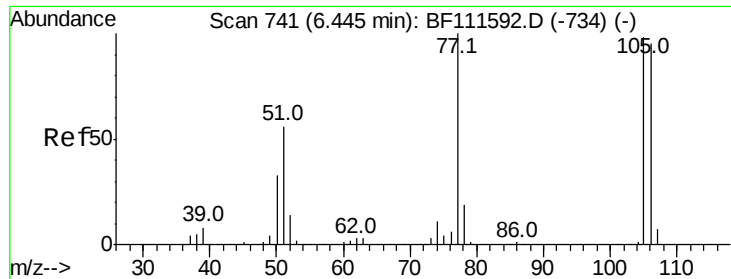
Ion Ratio Lower Upper

128 100

130 33.8 12.7 52.7

64 45.6 30.0 70.0





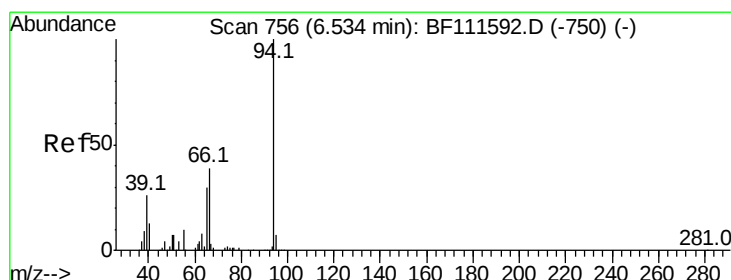
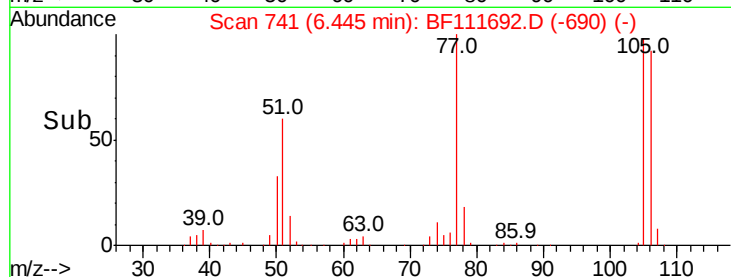
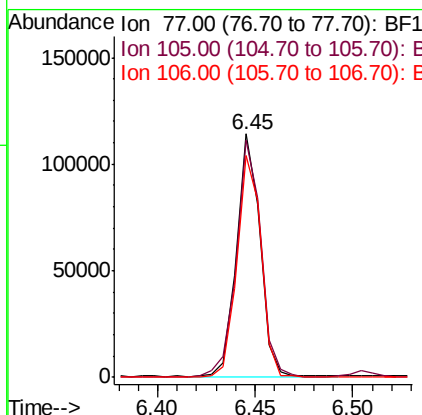
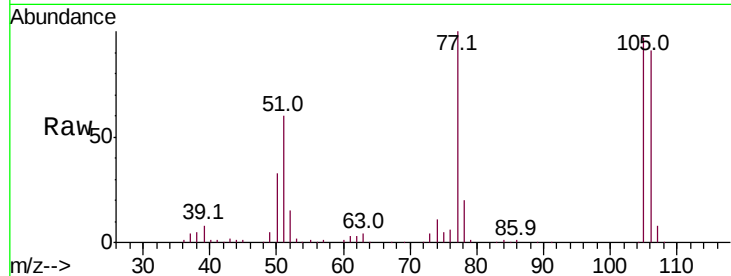
#9
Benzaldehyde
Concen: 11.055 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.3	81.4	121.4
106	91.4	77.9	117.9

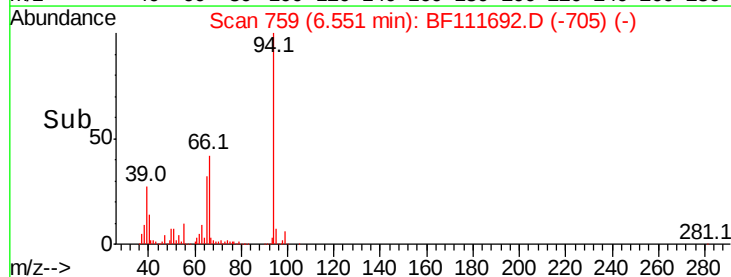
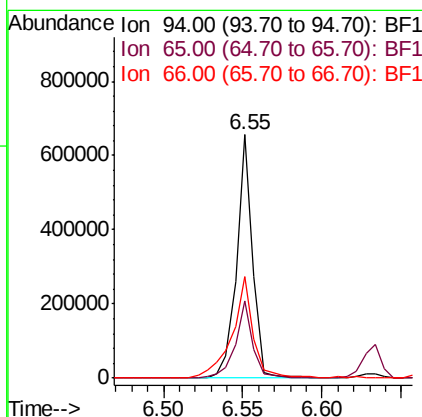
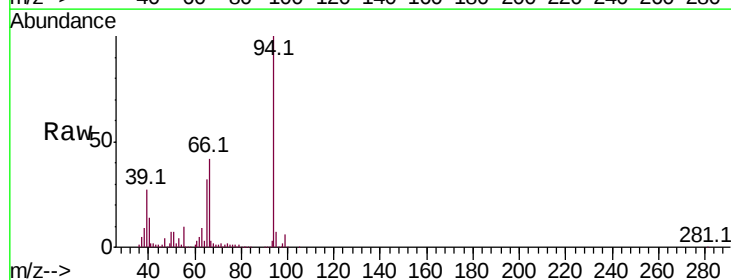
Manual Integrations
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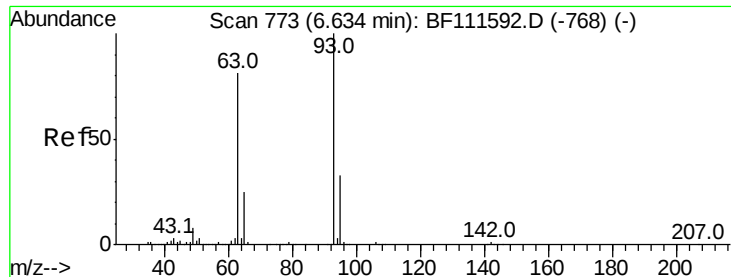
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#10
Phenol
Concen: 32.919 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.7	51.7
66	41.9	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 27.082 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

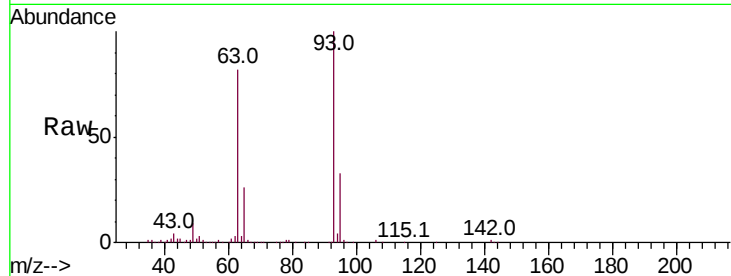
ClientSampleId :

P001-SS025-1218-01MS

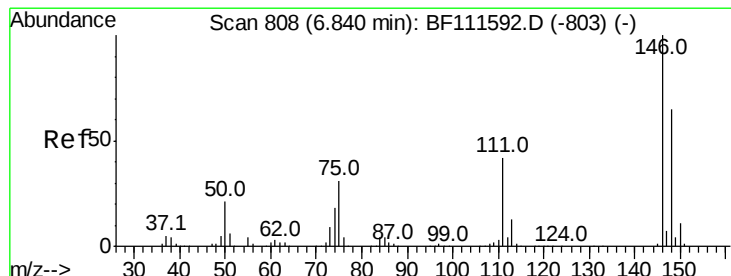
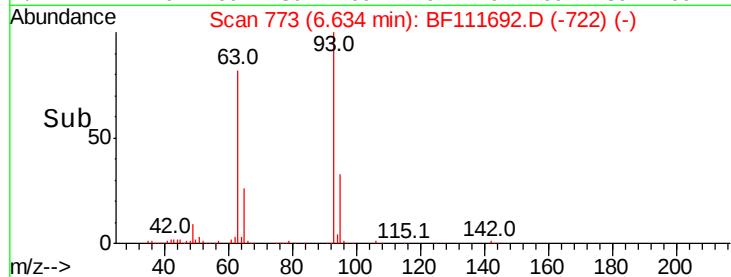
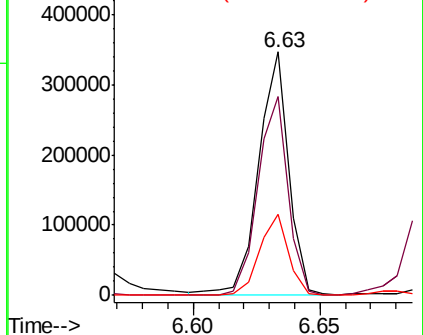
Tot Ion	93	Resp	283981
Ion Ratio	100	Lower	Upper
93	100		
63	81.7	60.0	100.0
95	33.1	13.4	53.4

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



#12

1,3-Dichlorobenzene

Concen: 26.730 ng

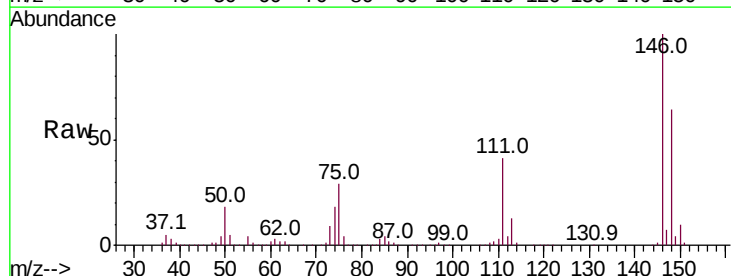
RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

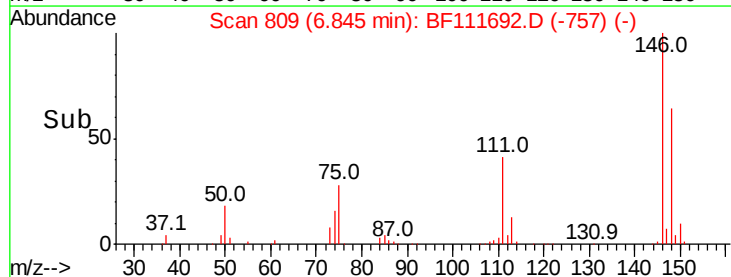
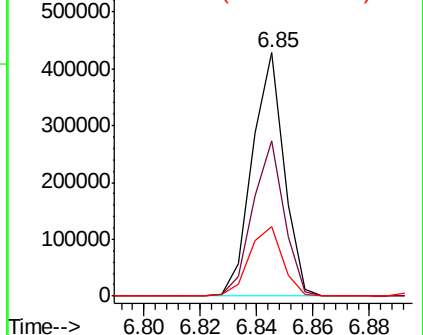
Lab File: BF111692.D

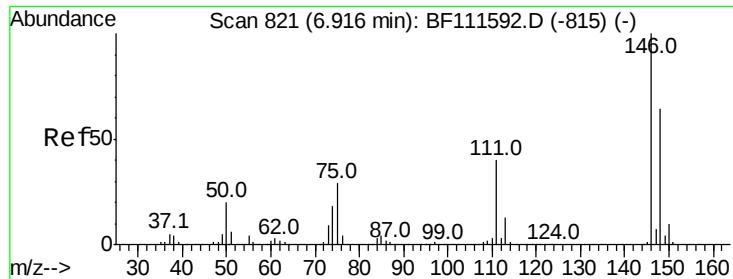
Acq: 21 Dec 2018 17:28

Tgt Ion	146	Resp	334400
Ion Ratio	100	Lower	Upper
146	100		
148	64.1	52.1	78.1
75	28.7	23.9	35.9



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





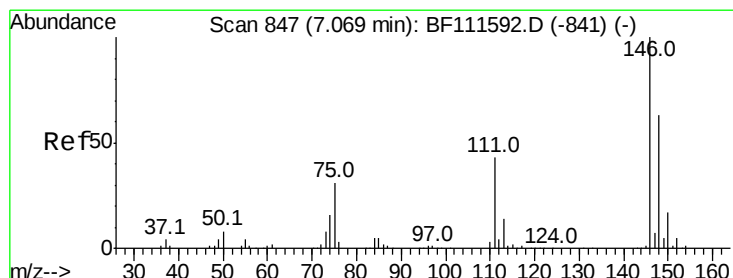
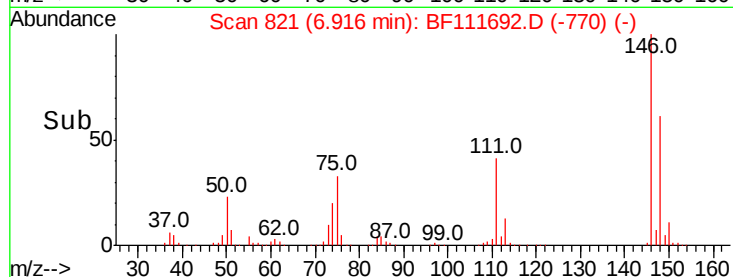
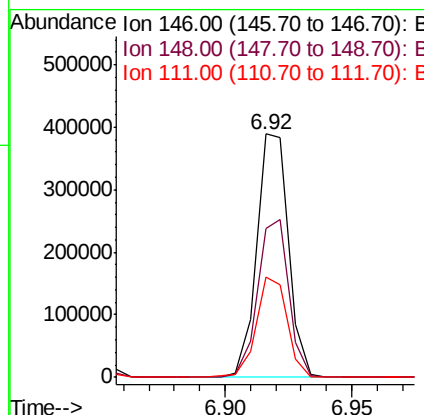
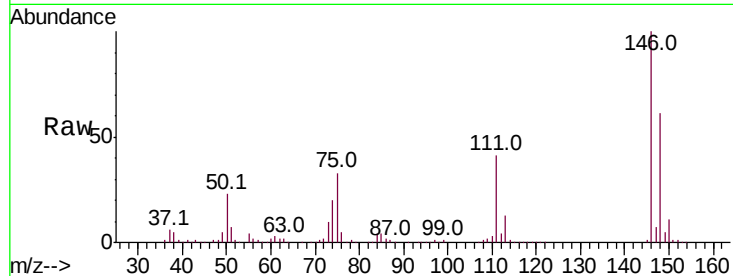
#13
1,4-Dichlorobenzene
Concen: 26.741 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.8	79.2
111	41.2	33.4	50.0

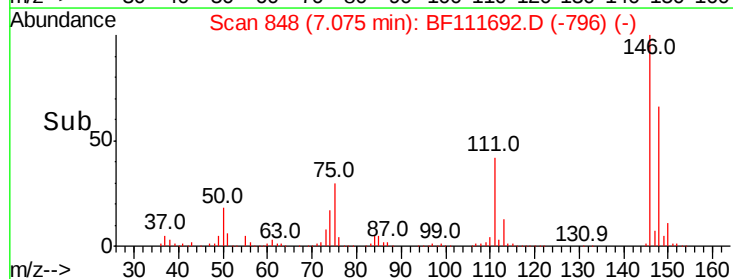
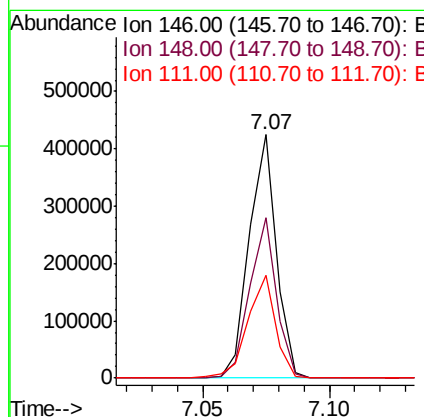
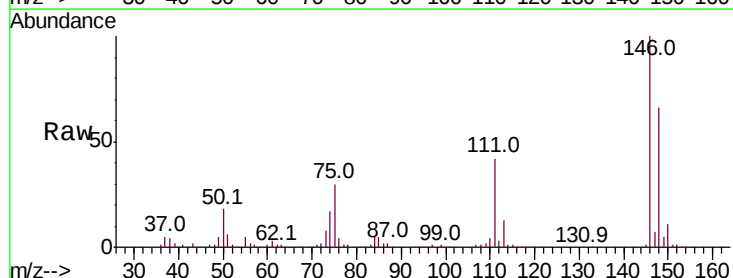
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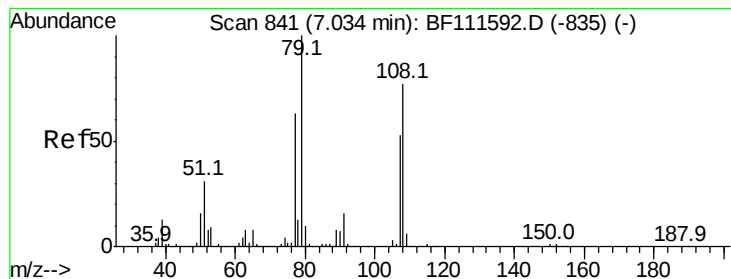
Sohil
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#14
1,2-Dichlorobenzene
Concen: 26.790 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.9	77.9
111	42.5	36.2	54.4





#15

Benzyl Alcohol

Concen: 26.793 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

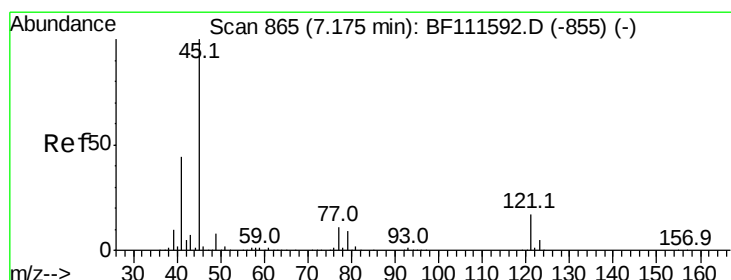
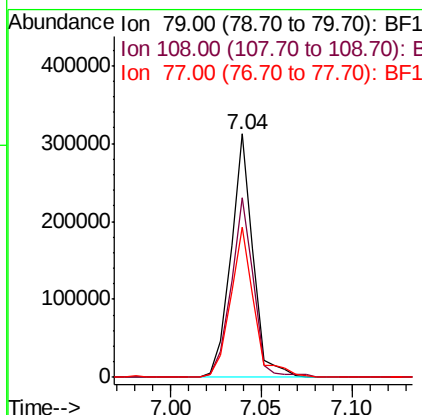
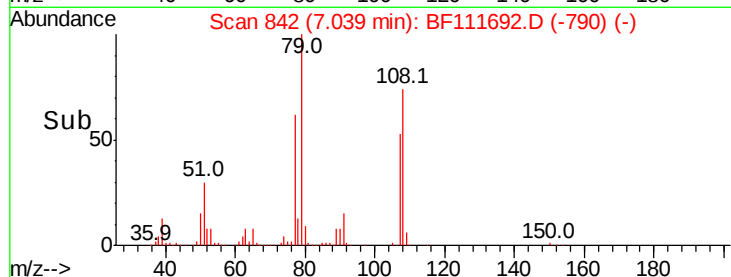
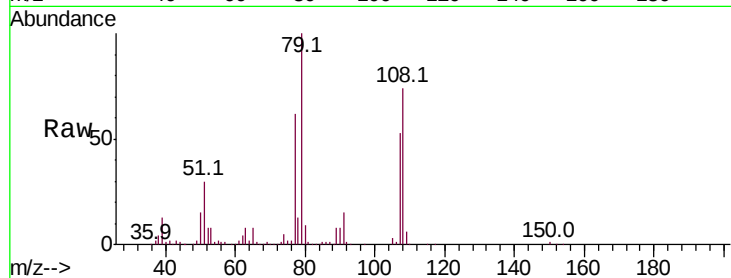
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	79	Resp:	263902
Ion Ratio	Lower	Upper	
79	100		
108	73.7	69.4	104.2
77	61.9	49.7	74.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.779 ng

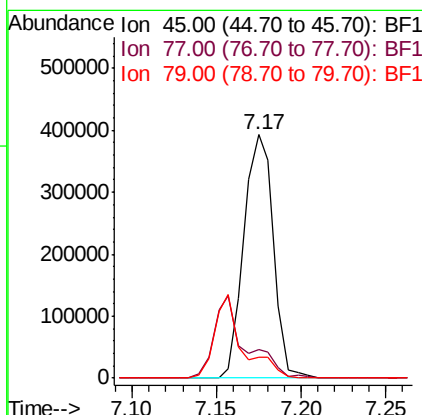
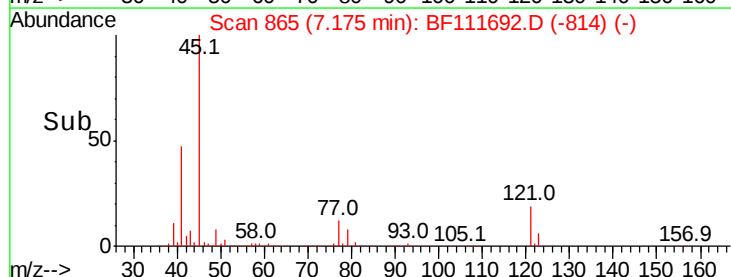
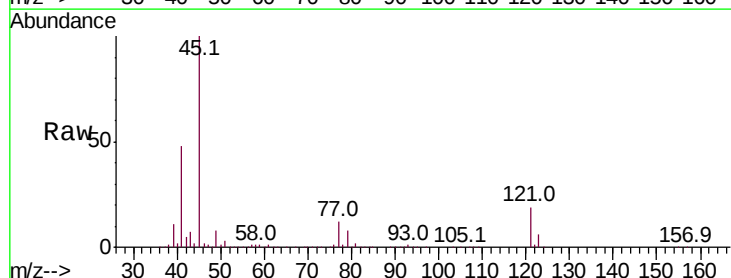
RT: 7.17 min Scan# 865

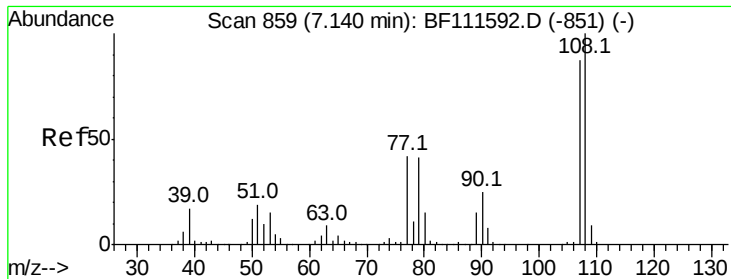
Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	45	Resp:	478536
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	31.5
79	8.5	0.0	28.9





#17

2-Methylphenol

Concen: 27.643 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

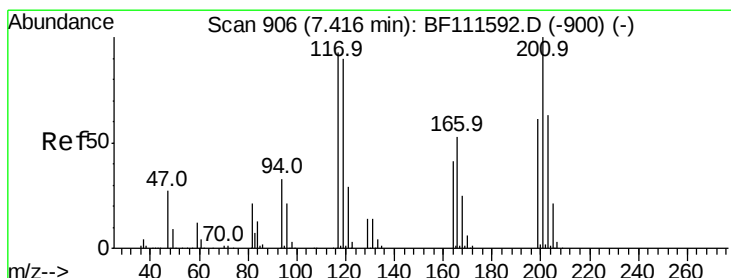
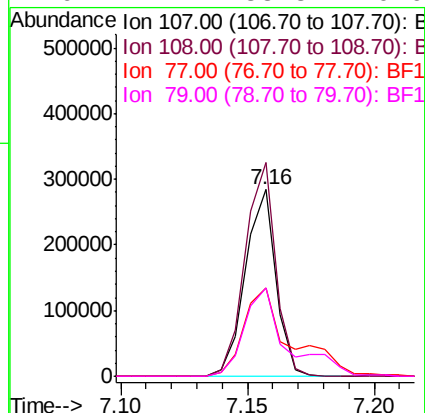
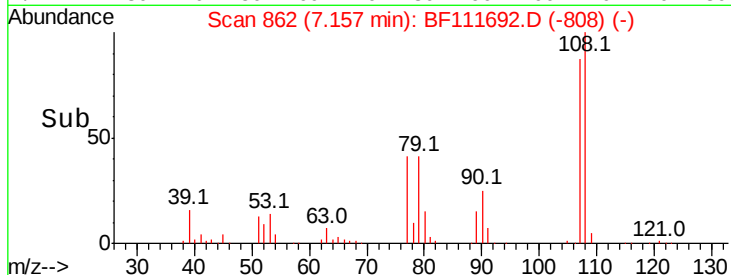
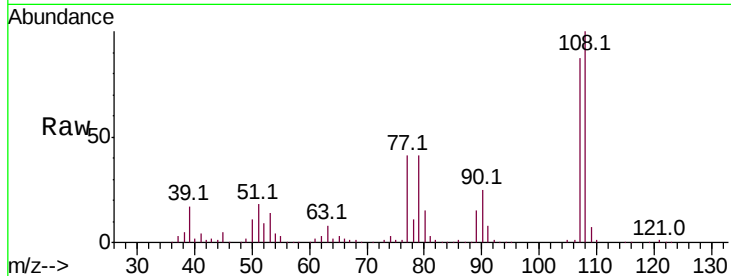
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	91.0	136.4	
77	47.0	33.5	50.3	
79	47.1	33.3	49.9	

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#18

Hexachloroethane

Concen: 17.195 ng

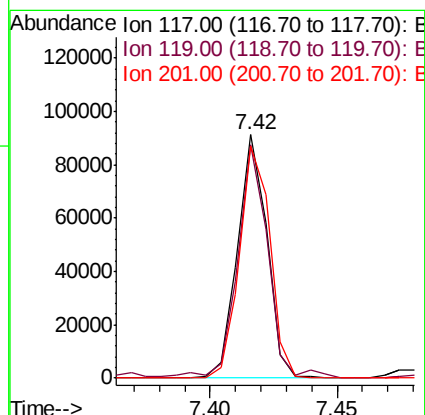
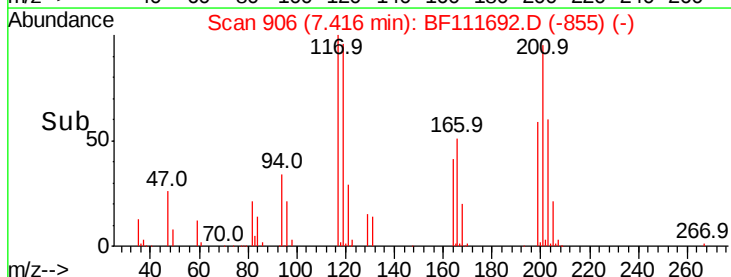
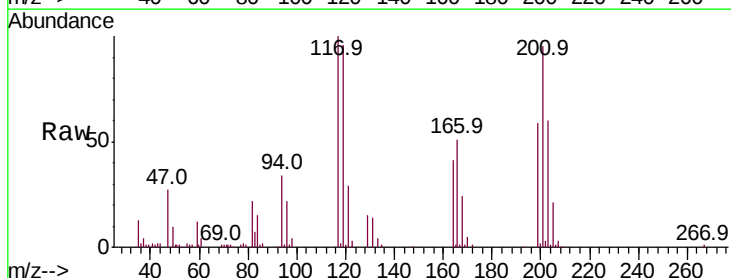
RT: 7.42 min Scan# 906

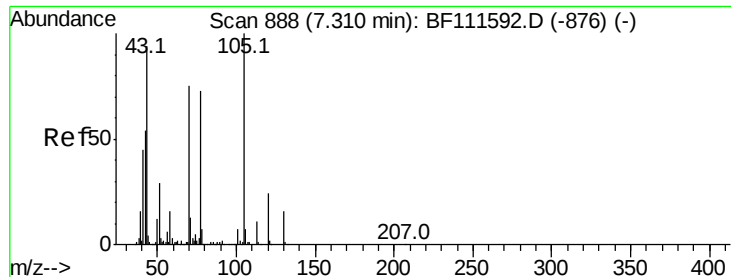
Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	75.4	113.0	
201	95.3	62.4	93.6#	





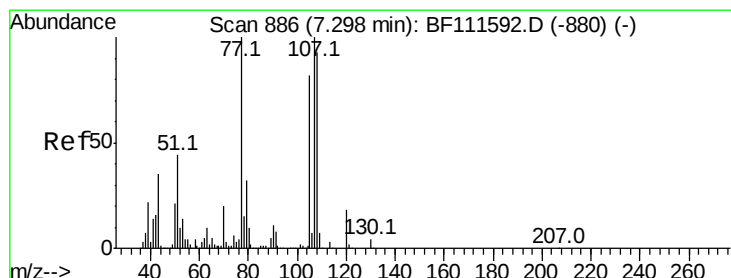
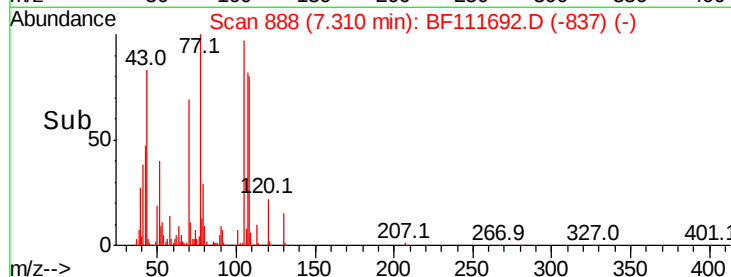
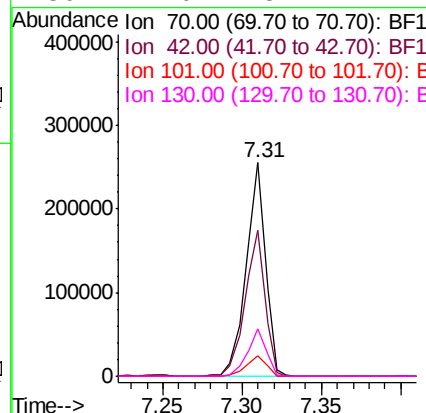
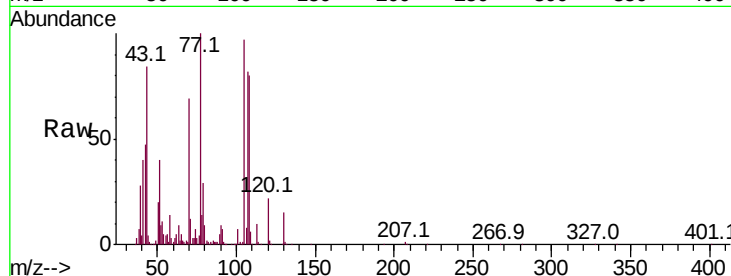
#19
n-Nitroso-di-n-propylamine
Concen: 26.191 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	53.2	79.8
101	9.8	8.2	12.4
130	22.0	18.1	27.1

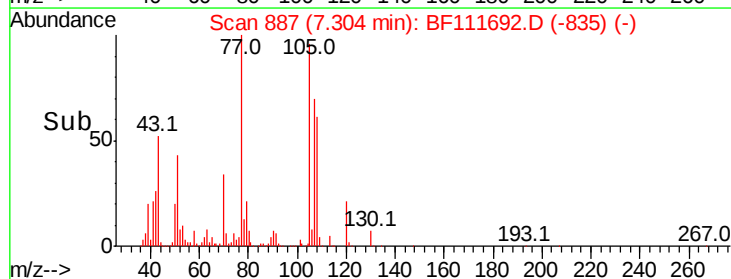
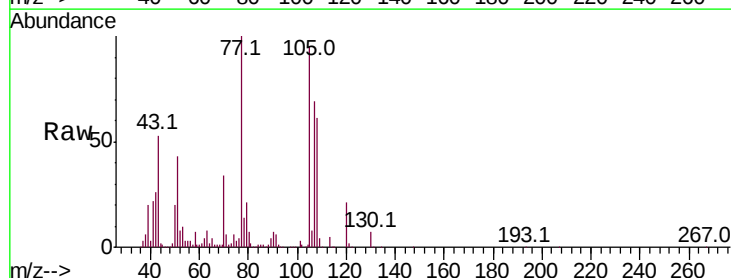
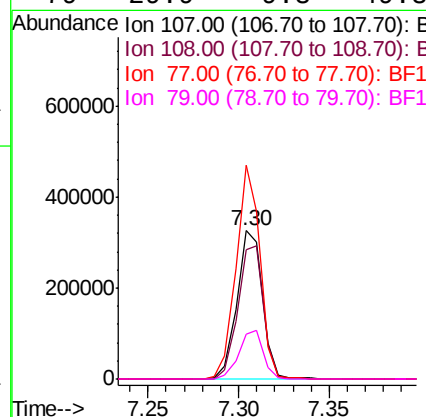
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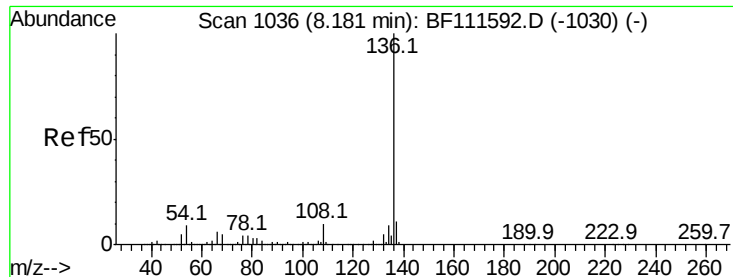
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#20
3+4-Methylphenols
Concen: 29.168 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	72.1	112.1
77	144.0	94.1	134.1#
79	29.9	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

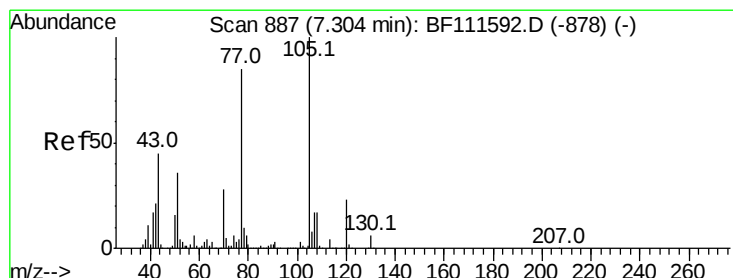
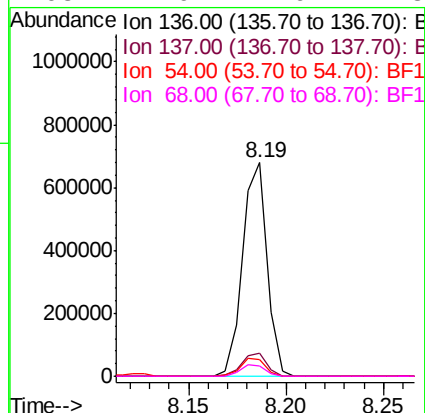
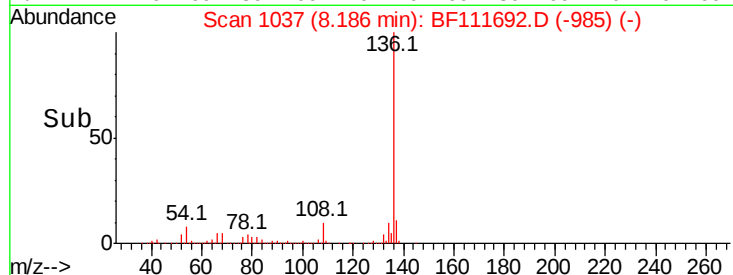
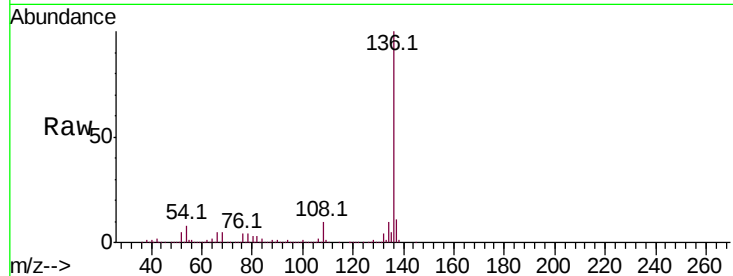
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.1	13.7
54	8.0	7.7	11.5
68	4.9	4.9	7.3#

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#22

Acetophenone

Concen: 27.373 ng

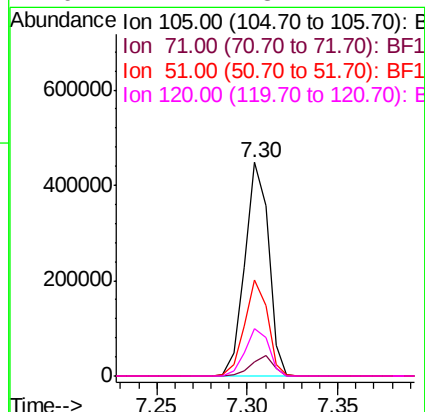
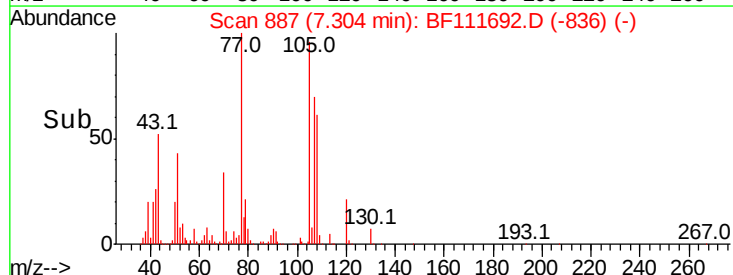
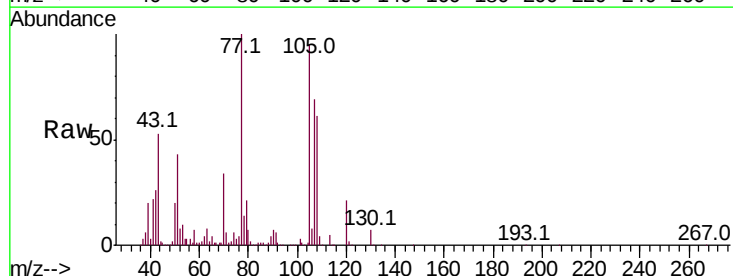
RT: 7.30 min Scan# 887

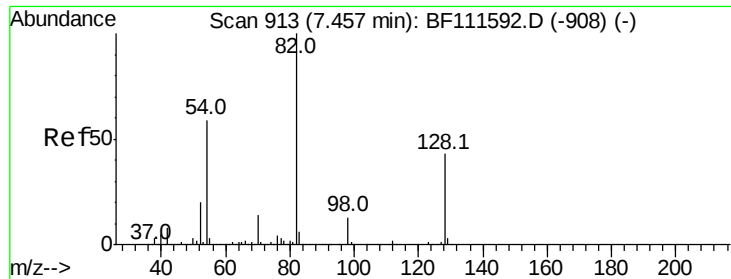
Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.5	3.1	4.7#
51	44.9	36.6	54.8
120	22.1	18.2	27.4





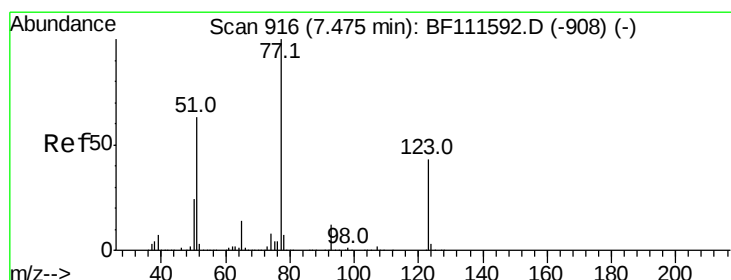
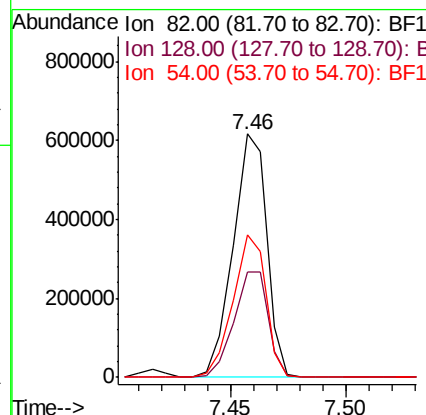
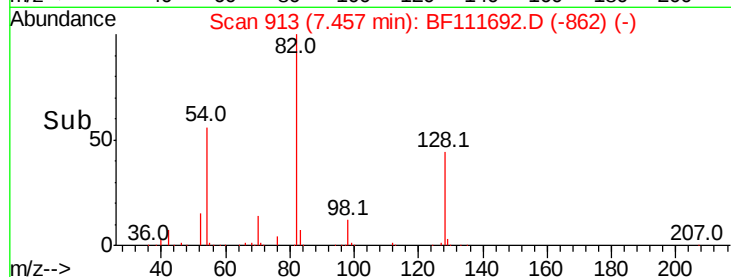
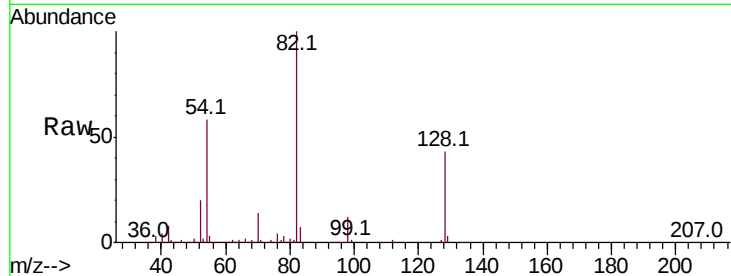
#23
 Nitrobenzene-d5
 Concen: 61.734 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	37.4	56.2
54	58.5	47.6	71.4

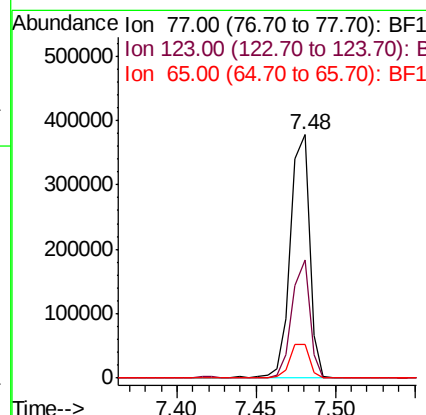
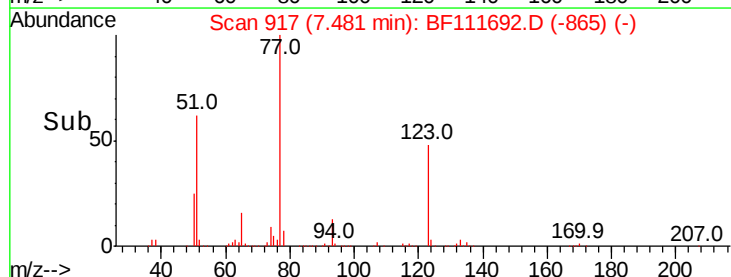
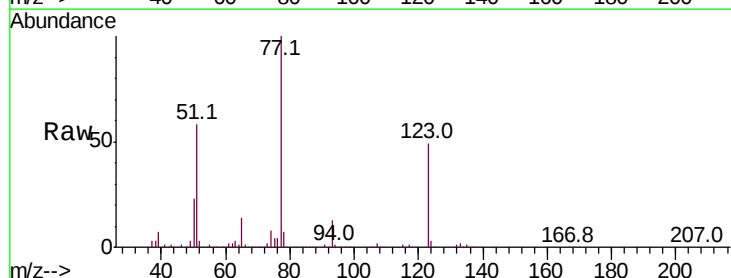
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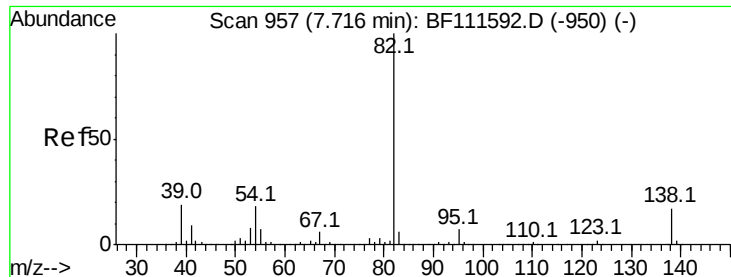
Sohil
 12/26/2018 3:10:47 PM



#24
 Nitrobenzene
 Concen: 29.790 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.2	55.8
65	13.9	11.5	17.3





#25

Isophorone

Concen: 30.548 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

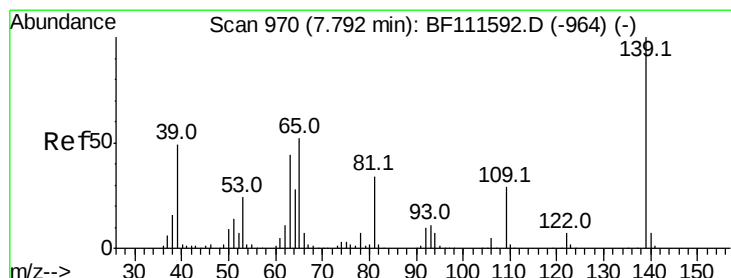
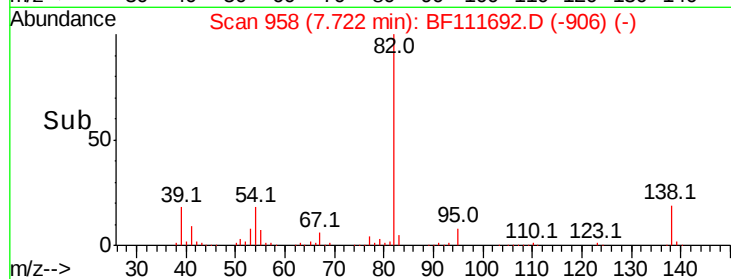
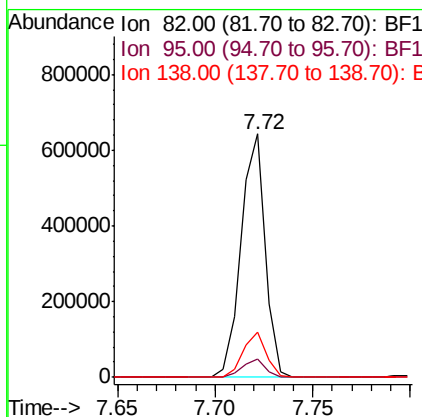
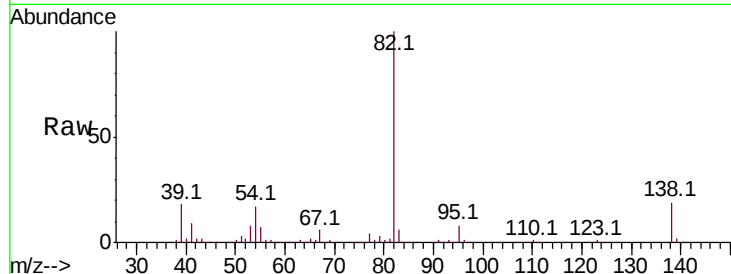
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	82	Resp:	549326
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.4	8.2
138	18.8	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.419 ng

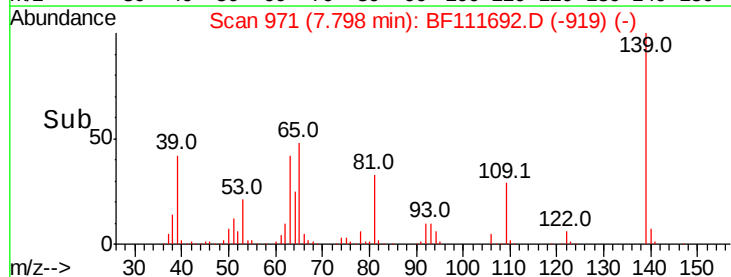
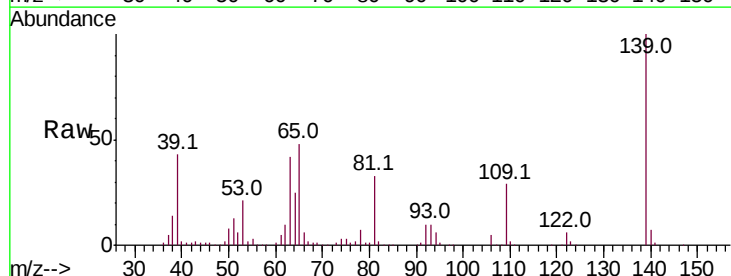
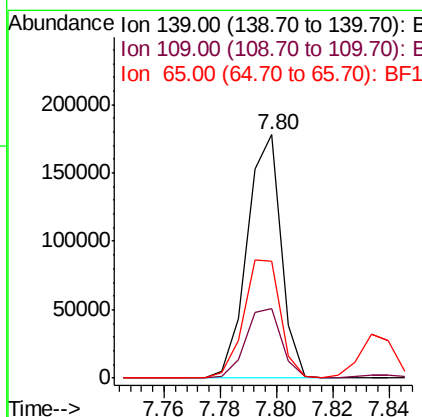
RT: 7.80 min Scan# 971

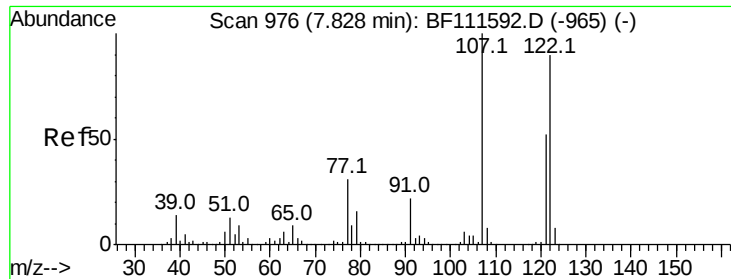
Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	139	Resp:	148196
Ion Ratio	Lower	Upper	
139	100		
109	28.7	20.2	30.4
65	48.1	40.7	61.1





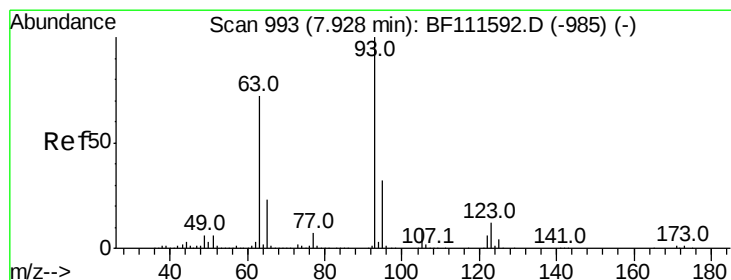
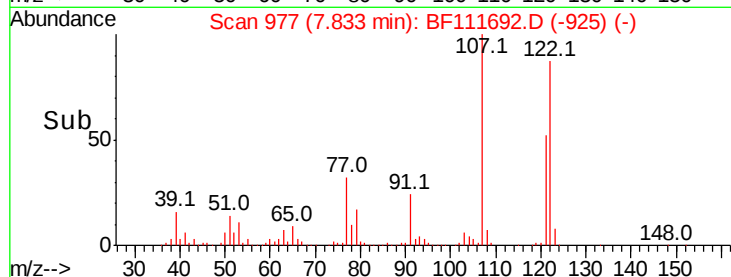
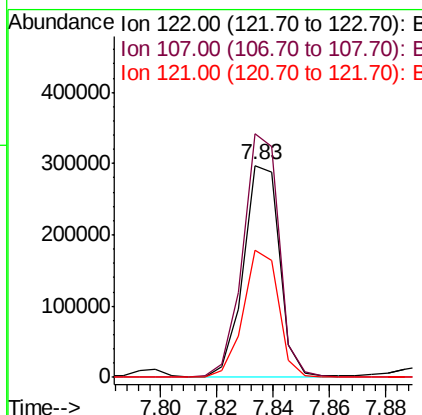
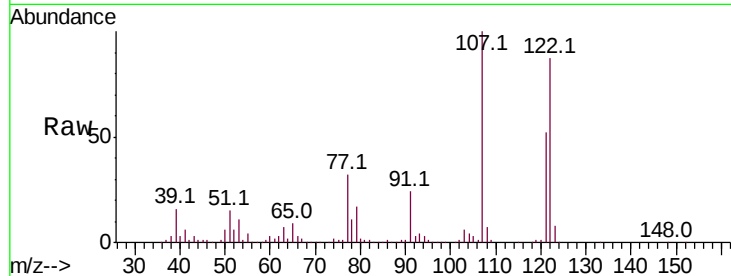
#27
2,4-Dimethylphenol
Concen: 31.308 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	85.5	128.3
121	59.8	46.6	70.0

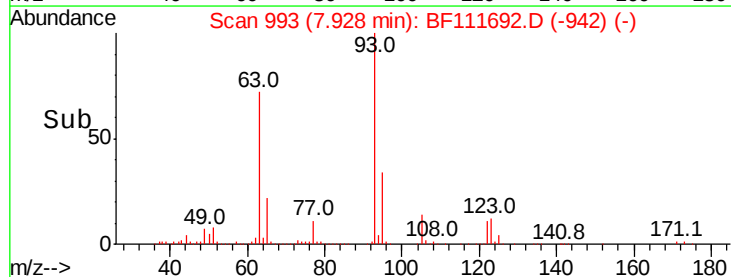
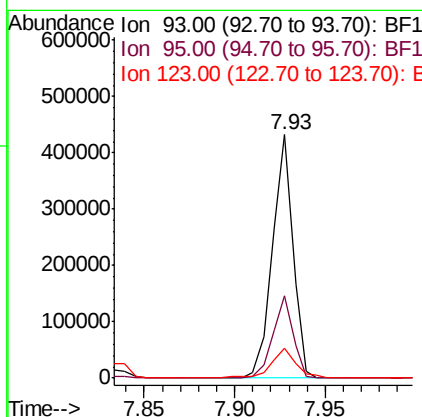
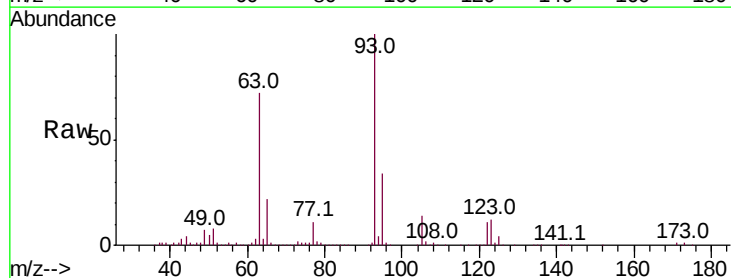
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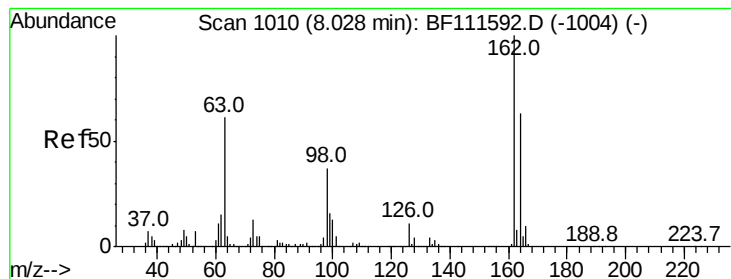
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 28.444 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	27.1	40.7
123	12.3	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 27.416 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

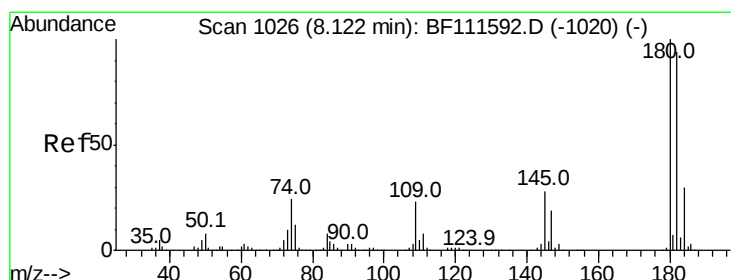
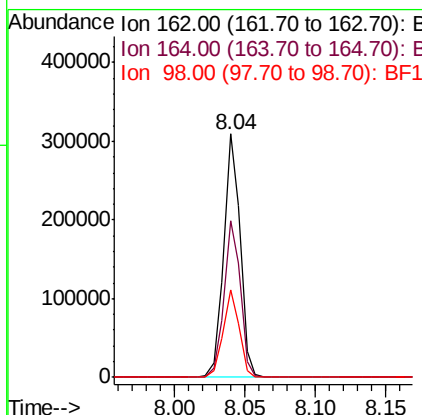
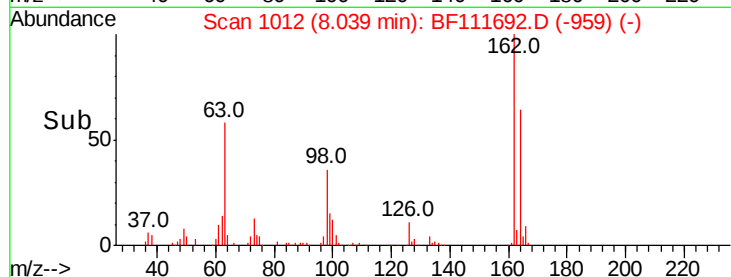
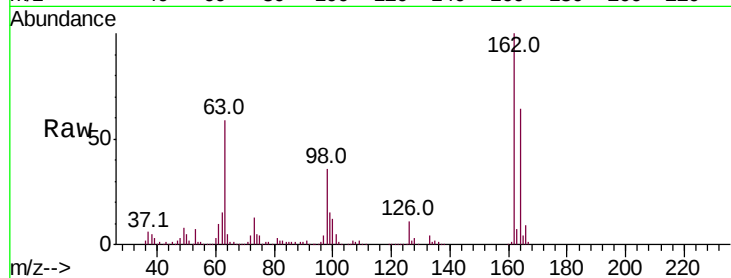
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	162	Resp:	250283
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.4	84.4
98	36.0	20.3	60.3

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#30

1,2,4-Trichlorobenzene

Concen: 27.027 ng

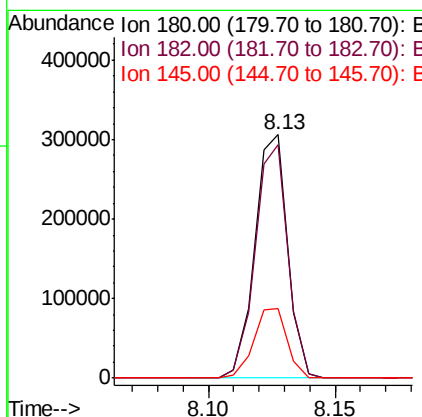
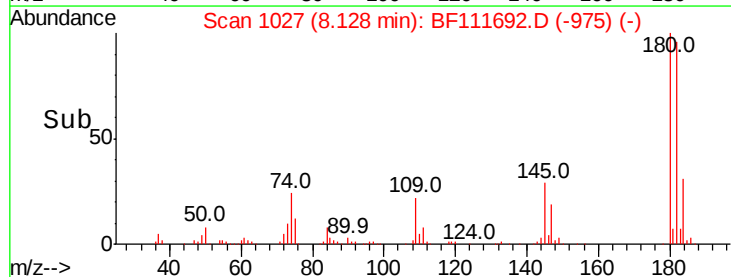
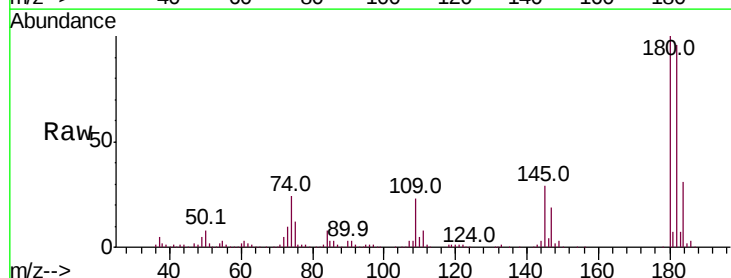
RT: 8.13 min Scan# 1027

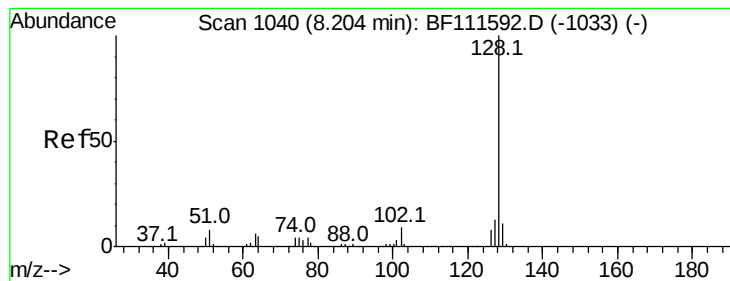
Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	180	Resp:	274949
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.6	113.4
145	28.7	26.7	40.1





#31

Naphthalene

Concen: 29.792 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

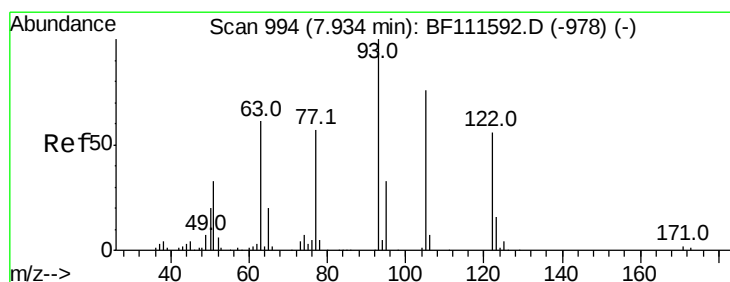
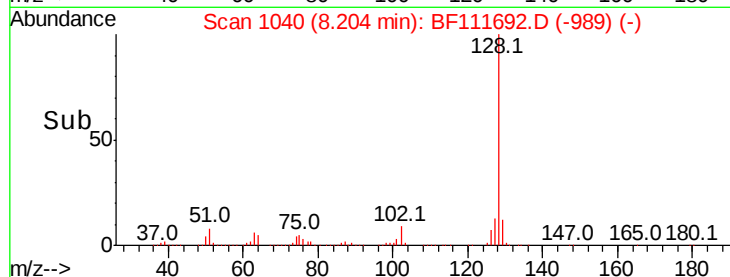
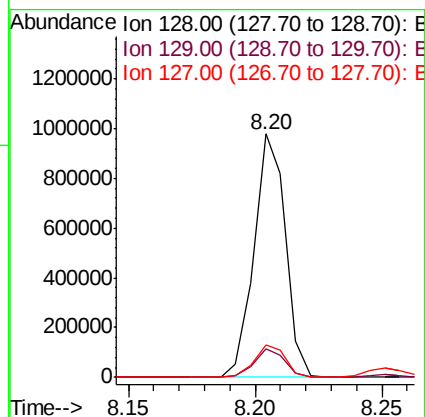
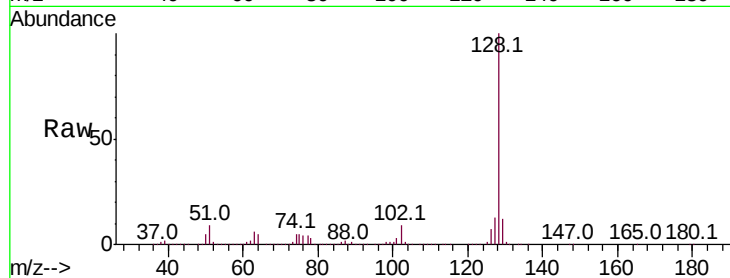
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	128	Resp:	843982
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.3	12.0	18.0

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#32

Benzoic acid

Concen: 29.525 ng

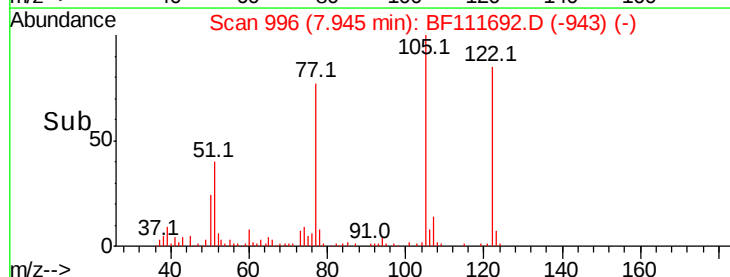
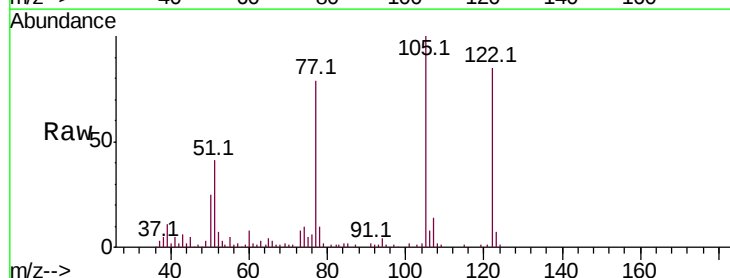
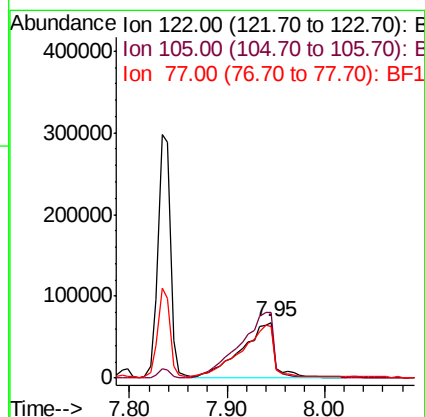
RT: 7.95 min Scan# 996

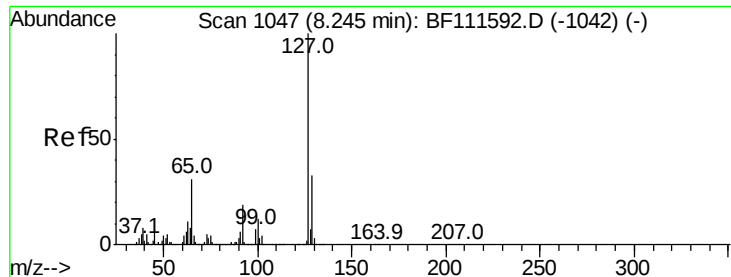
Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	122	Resp:	165692
Ion	Ratio	Lower	Upper
122	100		
105	118.3	97.0	137.0
77	92.9	65.7	105.7





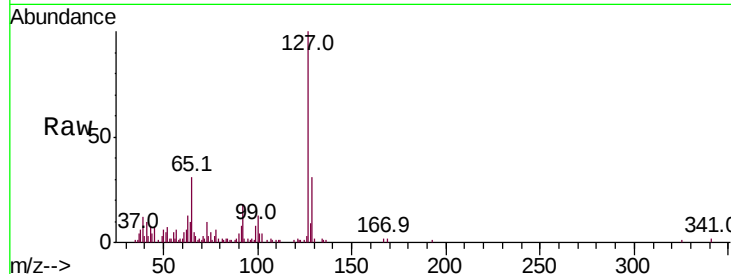
#33
4-Chloroaniline
Concen: 3.859 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

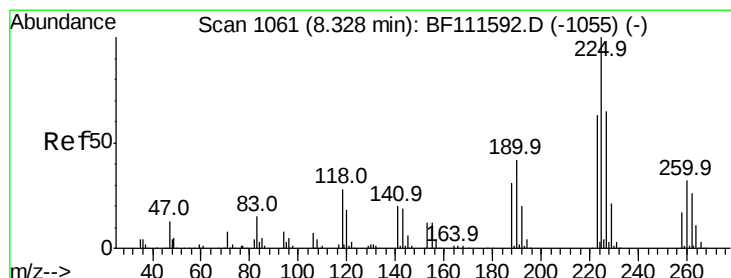
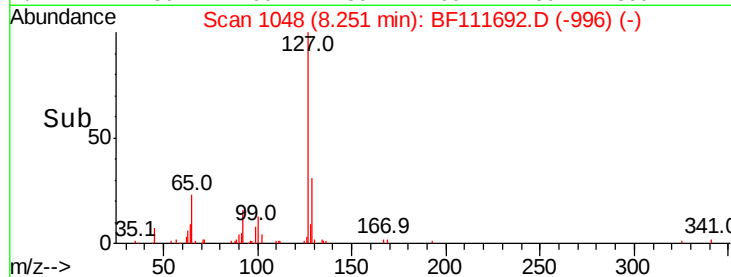
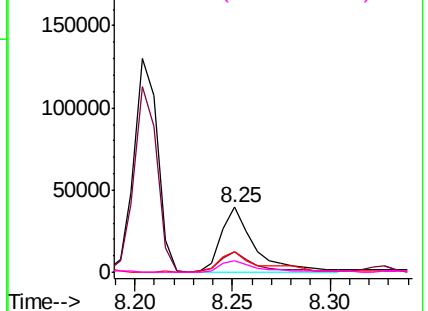
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.6	39.8
65	31.5	25.7	38.5
92	17.7	15.4	23.2

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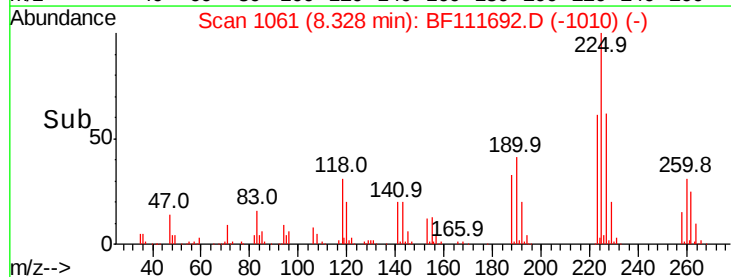
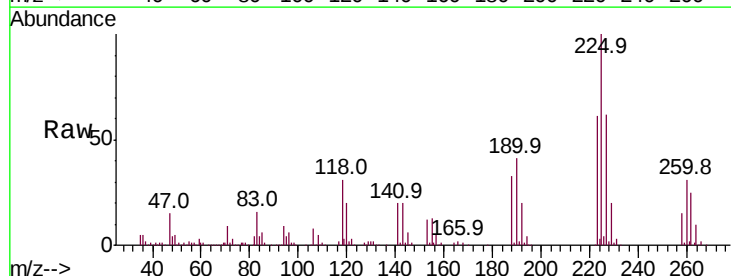
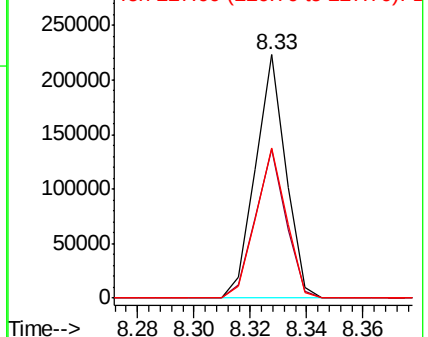
Abundance Ion 127.00 (126.70 to 127.70): E
200000 Ion 129.00 (128.70 to 129.70): E
150000 Ion 65.00 (64.70 to 65.70): BF1
100000 Ion 92.00 (91.70 to 92.70): BF1

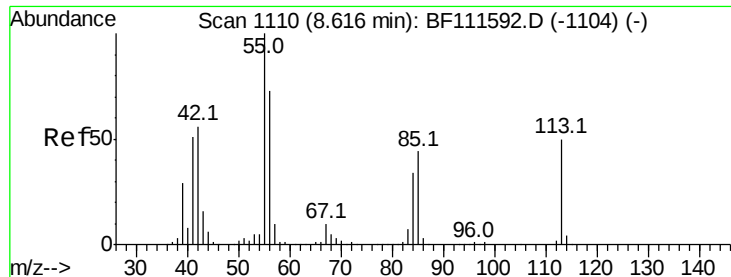


#34
Hexachlorobutadiene
Concen: 26.812 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.7	76.1
227	61.6	52.6	78.8

Abundance Ion 225.00 (224.70 to 225.70): E
300000 Ion 223.00 (222.70 to 223.70): E
250000 Ion 227.00 (226.70 to 227.70): E





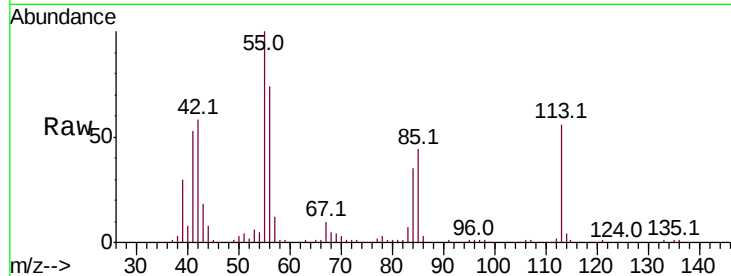
#35
 Caprolactam
 Concen: 22.861 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Instrument :
 BNA_F
 ClientSampleID :
 P001-SS025-1218-01MS

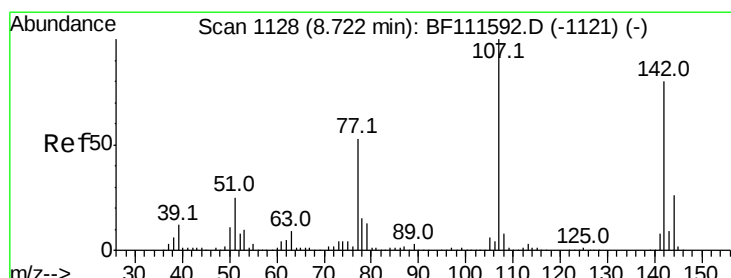
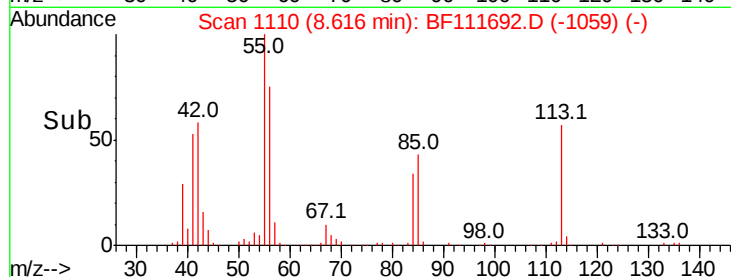
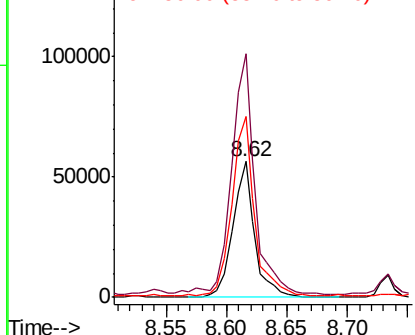
Tot Ion	Ratio	Lower	Upper
113	100		
55	179.2	184.1	224.1#
56	133.3	126.0	166.0

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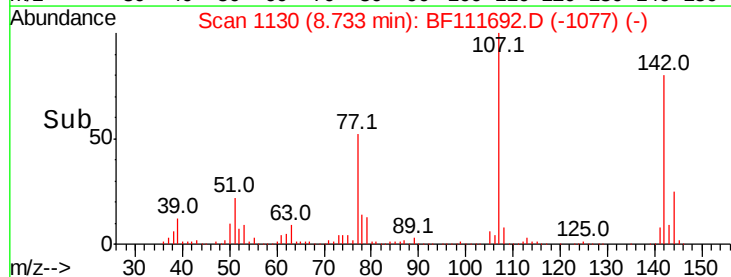
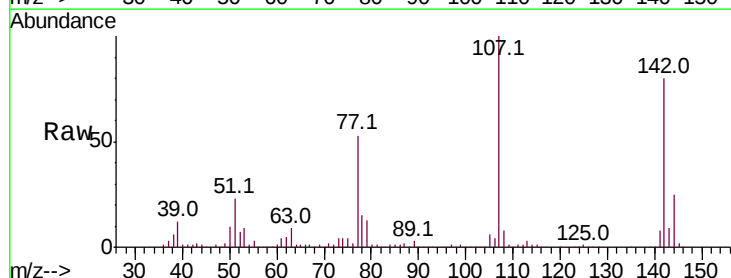
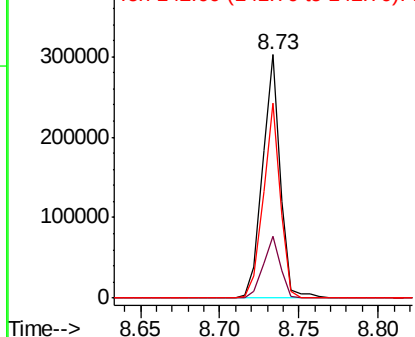
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

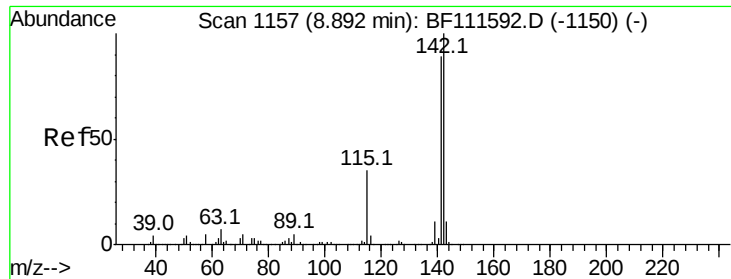


#36
 4-Chloro-3-methylphenol
 Concen: 26.561 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.8	29.6
142	79.9	62.3	93.5

Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





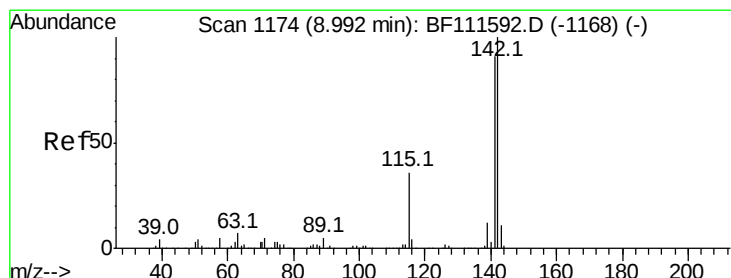
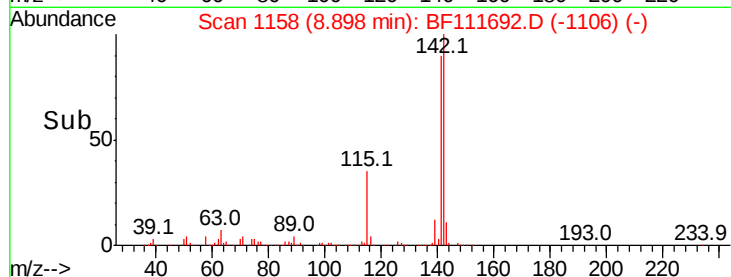
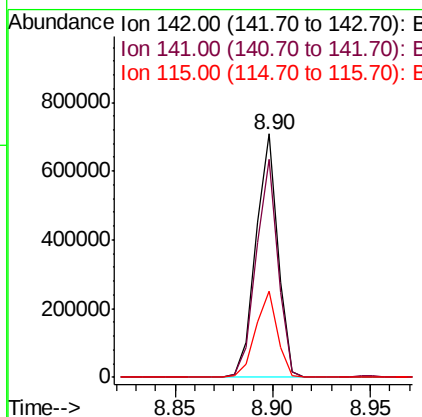
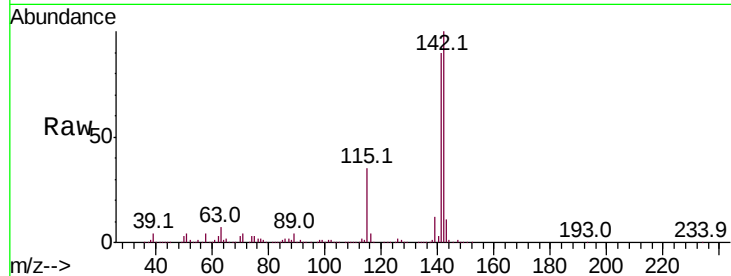
#37
2-Methylnaphthalene
Concen: 30.030 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	553495		
141	89.6		70.6	105.8
115	35.2		27.0	40.6

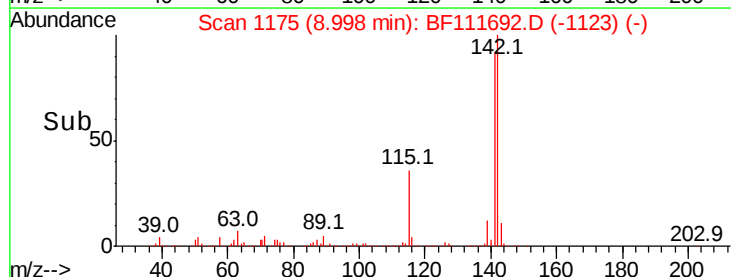
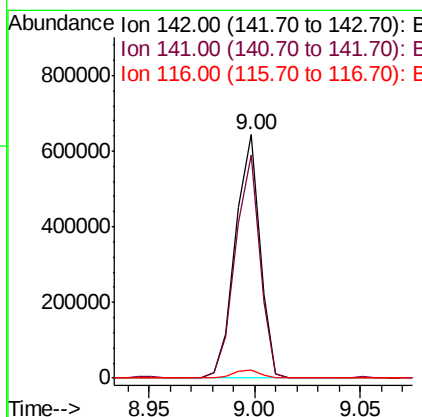
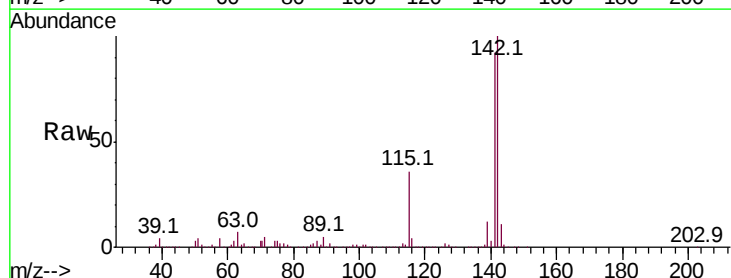
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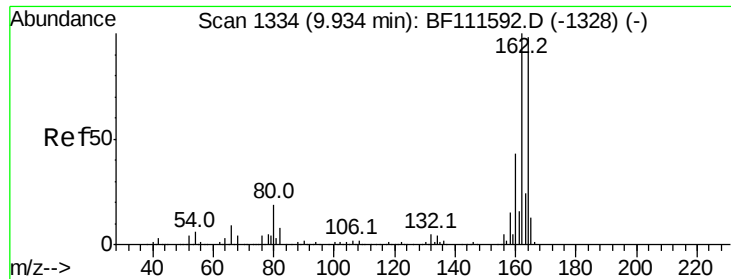
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#38
1-Methylnaphthalene
Concen: 29.118 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	515437		
141	91.9		74.2	111.4
116	3.6		2.9	4.3





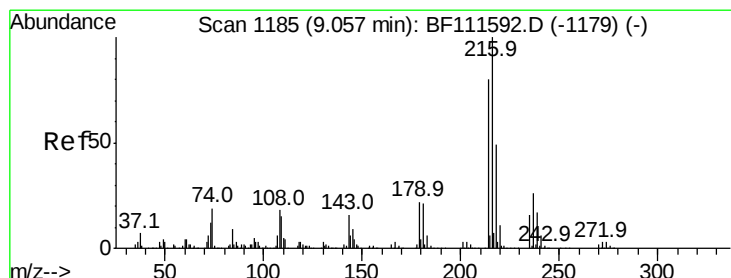
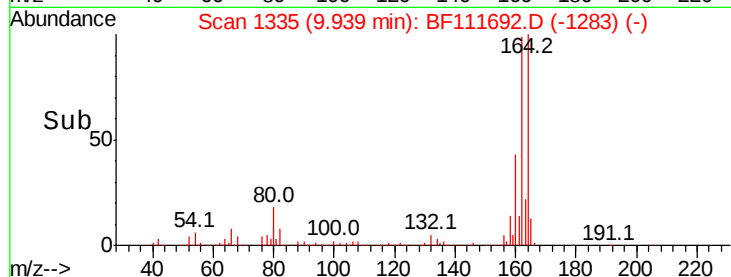
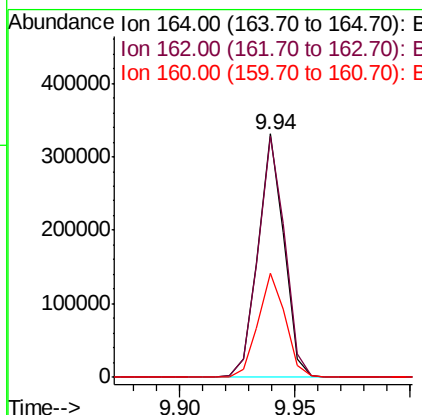
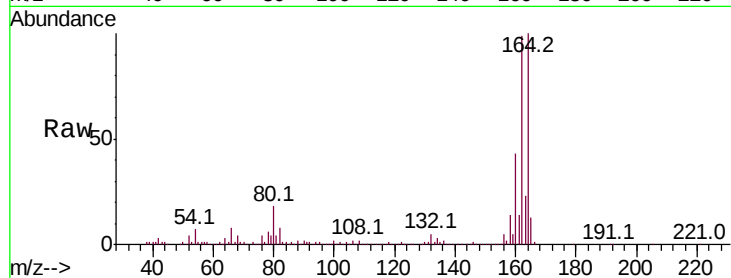
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	260960		
162	98.9	81.4	122.0	
160	43.0	35.7	53.5	

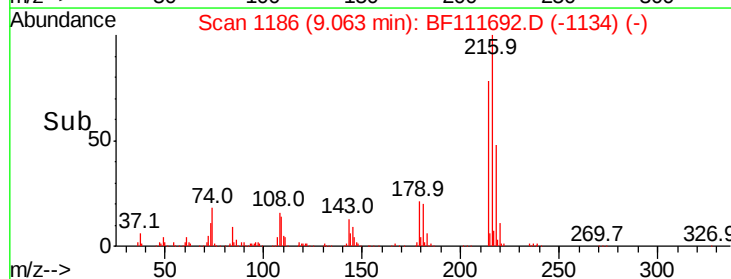
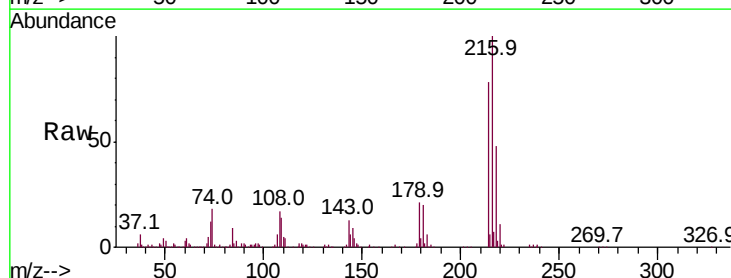
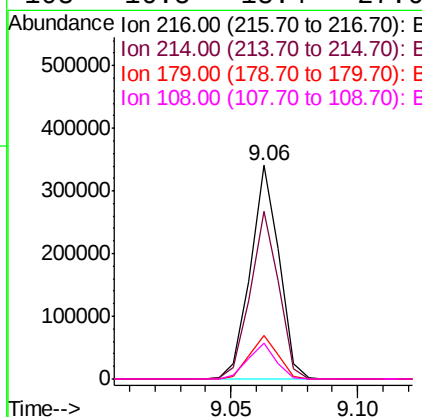
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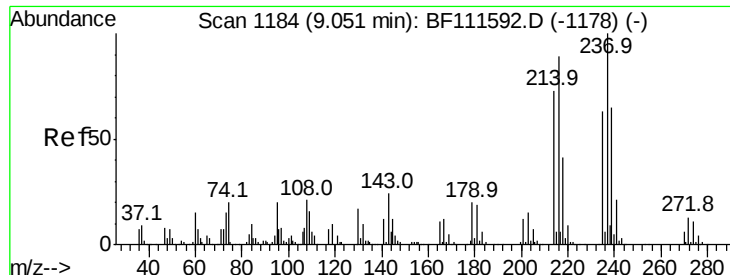
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.044 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	266205		
214	77.9	63.8	95.8	
179	20.6	17.9	26.9	
108	16.5	18.4	27.6#	





#41

Hexachlorocyclopentadiene

Concen: 5.516 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

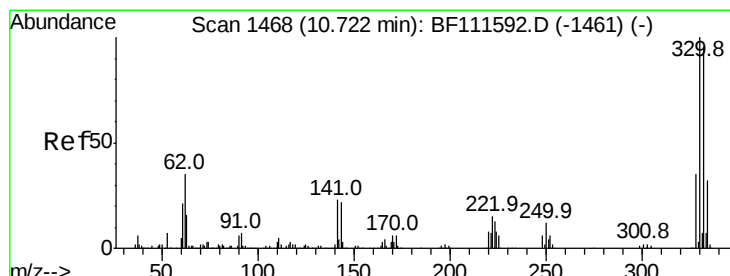
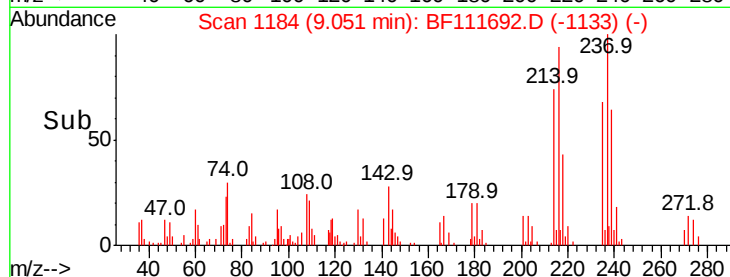
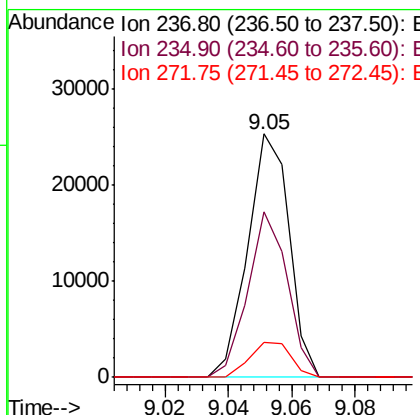
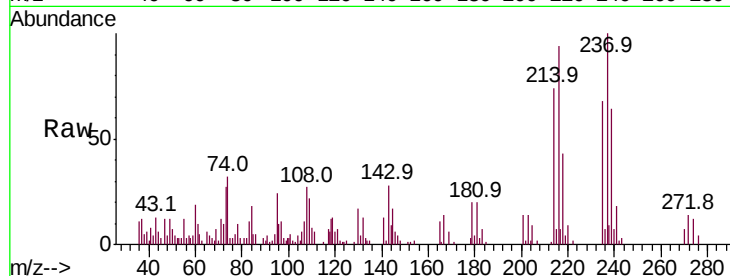
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	237	Resp:	22952
Ion Ratio	Lower	Upper	
237	100		
235	68.2	43.1	83.1
272	14.5	0.0	33.0

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#42

2,4,6-Tribromophenol

Concen: 81.045 ng

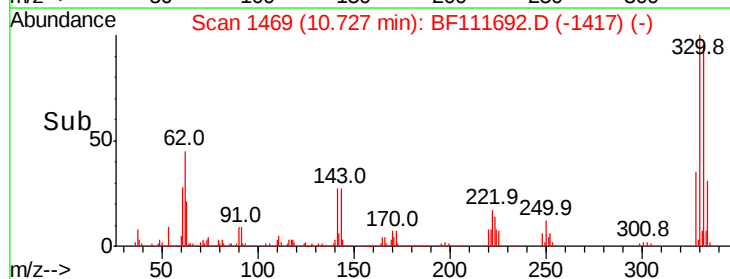
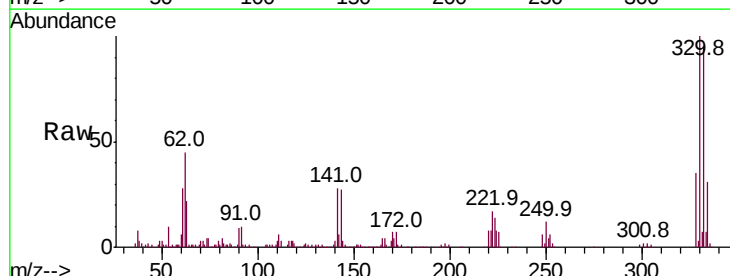
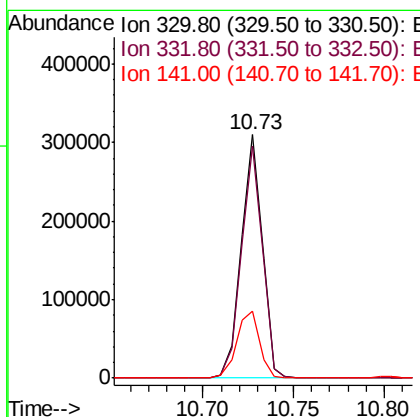
RT: 10.73 min Scan# 1469

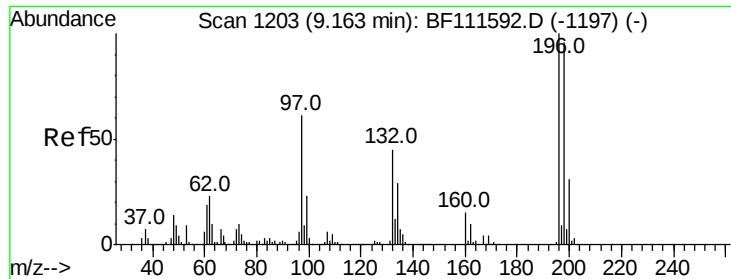
Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	330	Resp:	249897
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.0	114.0
141	30.6	31.0	46.6#





#43

2,4,6-Trichlorophenol

Concen: 29.441 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

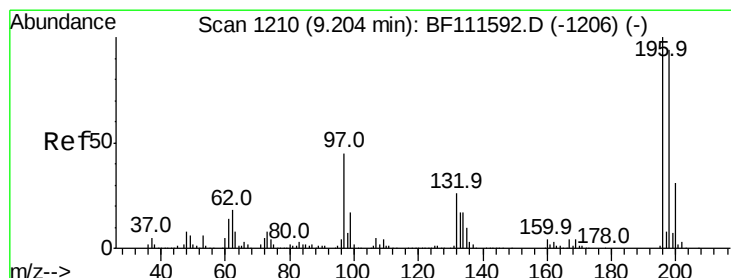
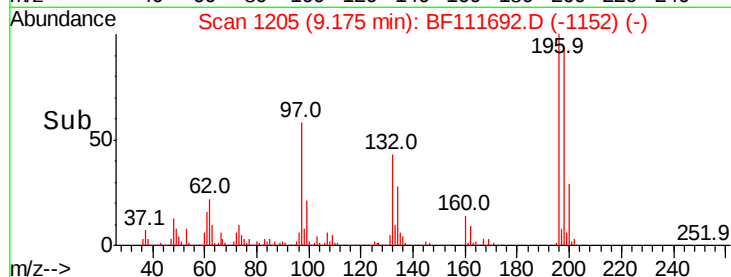
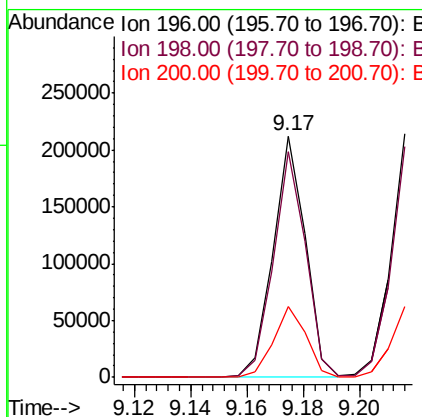
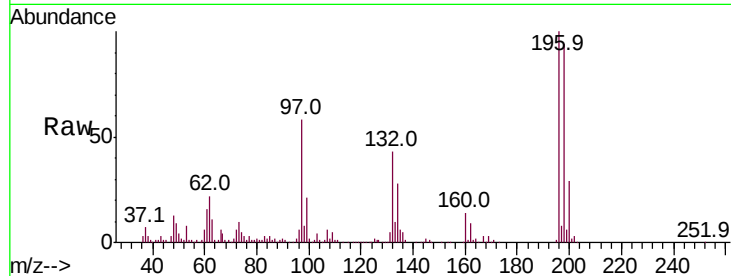
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	196	Resp:	168553
Ion Ratio	Lower	Upper	
196	100		
198	93.7	76.3	114.5
200	29.3	24.9	37.3

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#44

2,4,5-Trichlorophenol

Concen: 29.271 ng

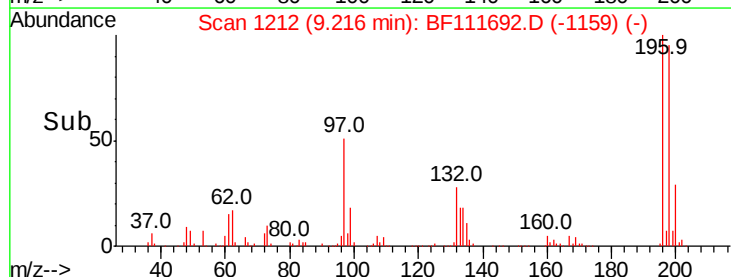
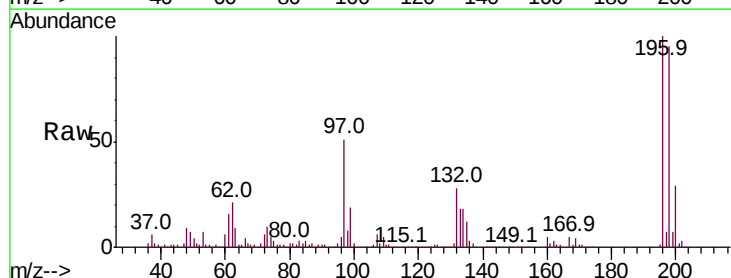
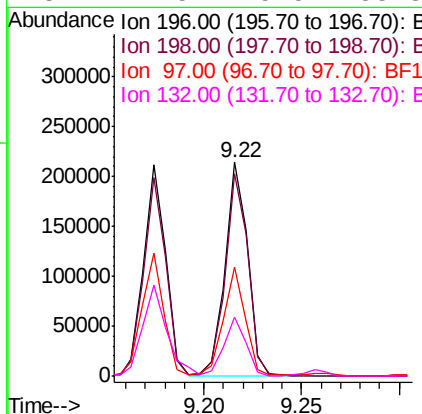
RT: 9.22 min Scan# 1212

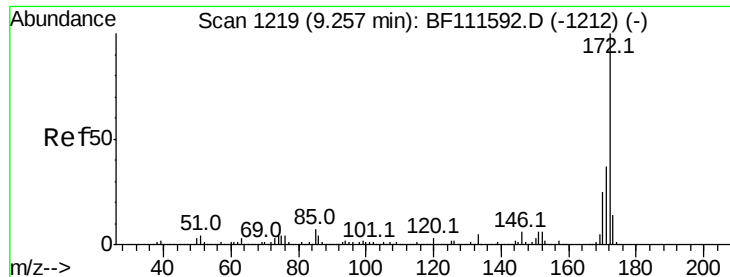
Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	196	Resp:	171924
Ion Ratio	Lower	Upper	
196	100		
198	94.8	72.9	109.3
97	51.2	45.3	67.9
132	27.5	25.5	38.3





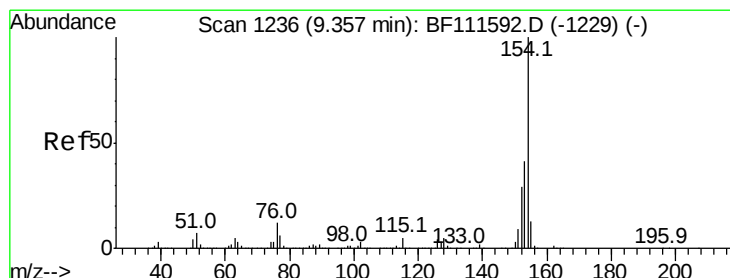
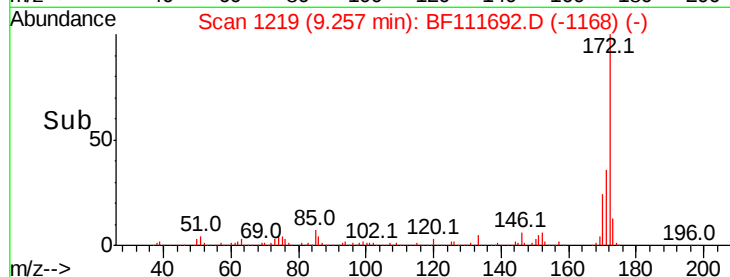
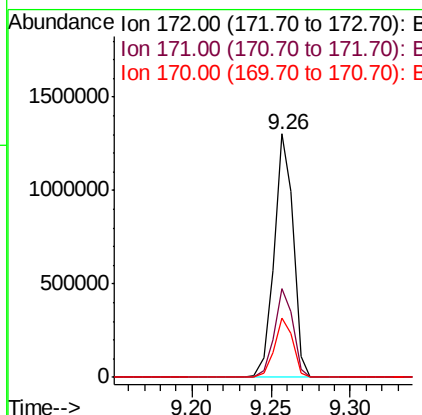
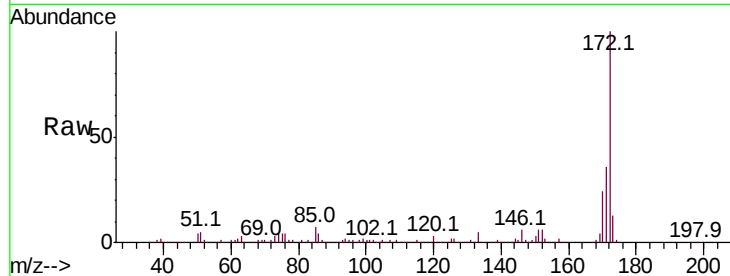
#45
2-Fluorobiphenyl
Concen: 61.151 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	24.4	22.3	33.5

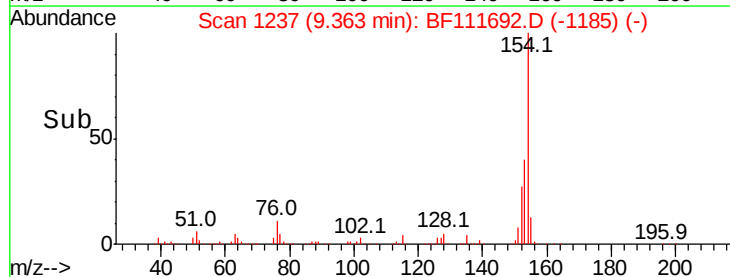
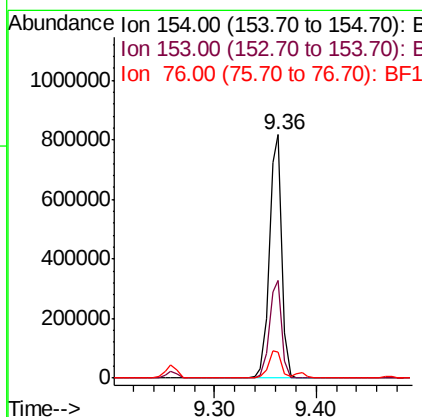
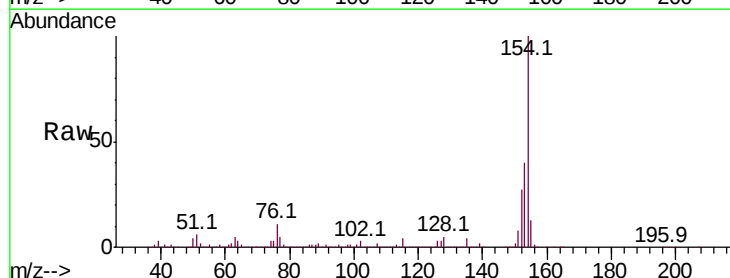
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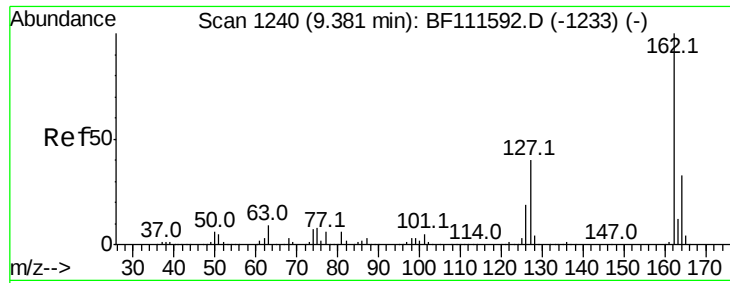
Sohil
12/26/2018 3:10:47 PM



#46
1,1'-Biphenyl
Concen: 31.220 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	23.7	63.7
76	10.7	0.0	35.0





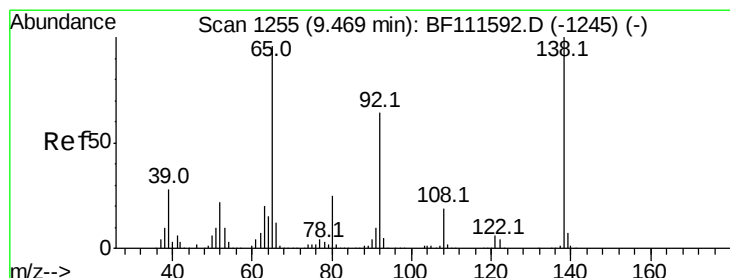
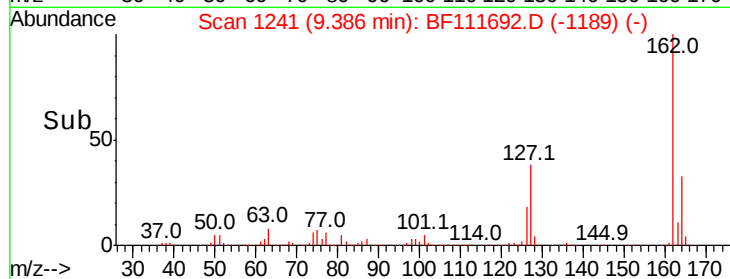
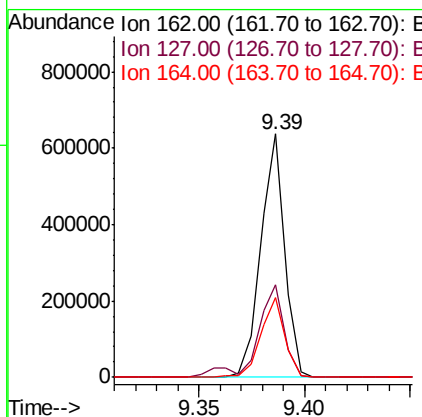
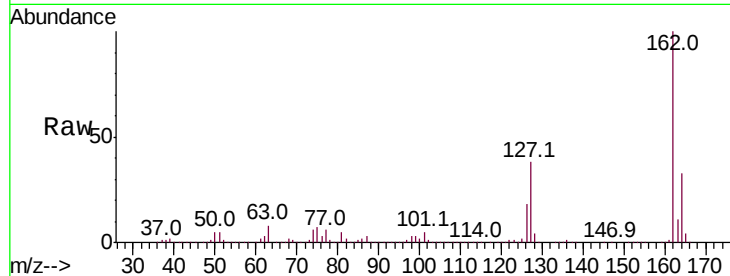
#47
2-Chloronaphthalene
Concen: 28.707 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	501041		
127	38.3		35.0	52.4
164	32.6		28.4	42.6

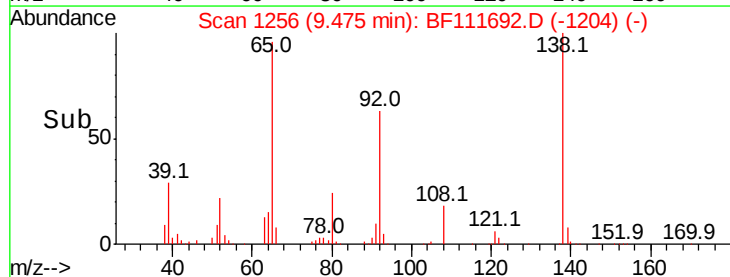
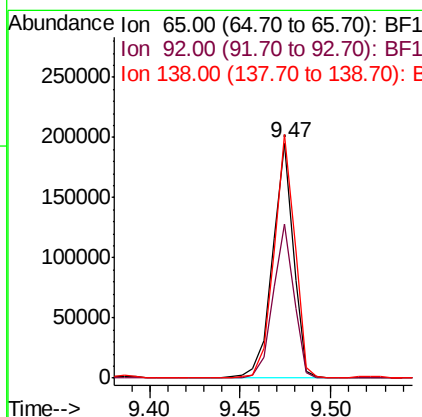
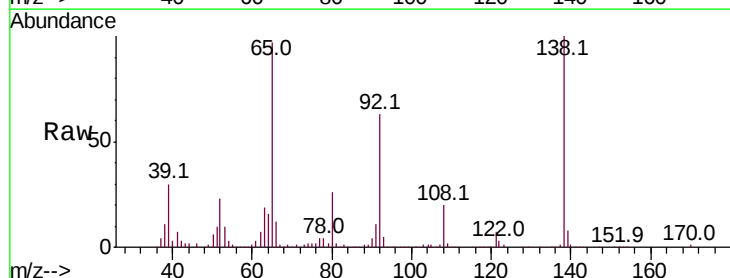
Manual Integrations
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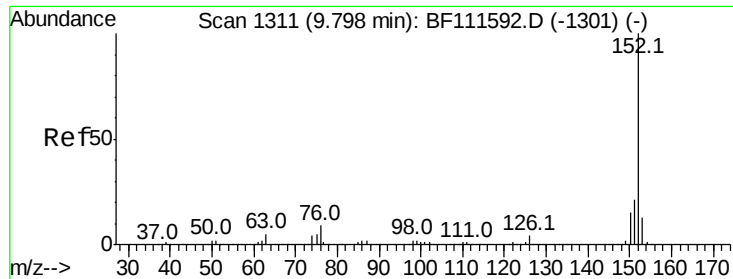
Sohil
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#48
2-Nitroaniline
Concen: 34.145 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	155036		
92	65.5		53.5	80.3
138	103.5		80.9	121.3





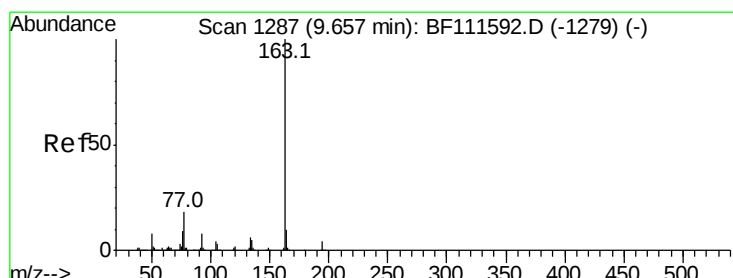
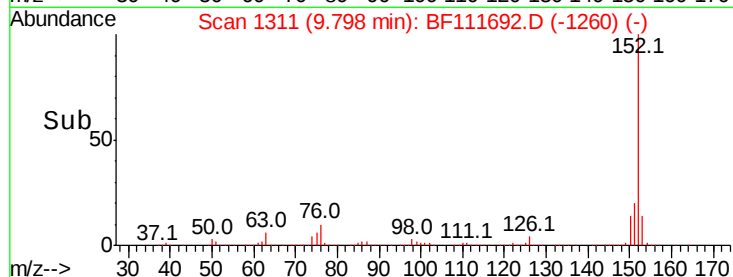
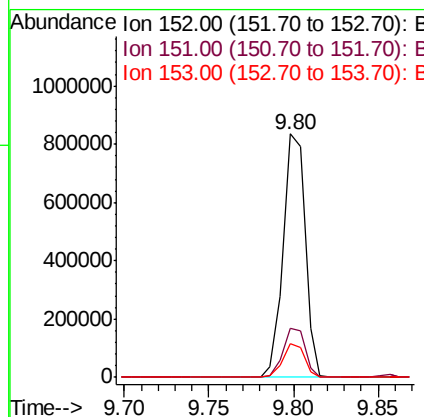
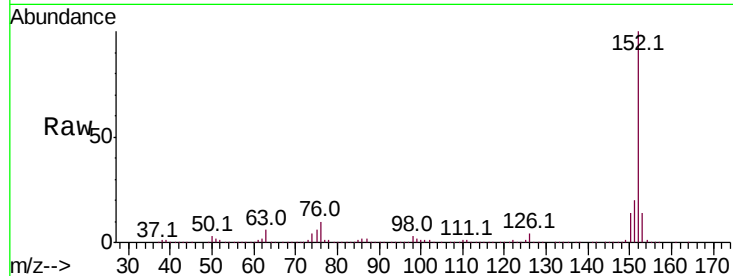
#49
Acenaphthylene
Concen: 29.510 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	18.0	27.0
153	13.7	12.3	18.5

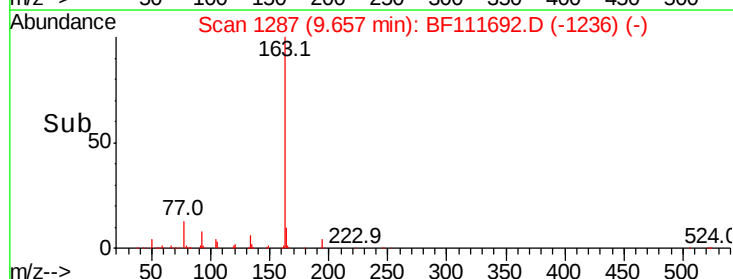
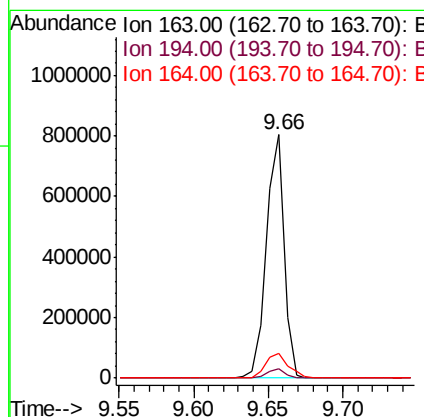
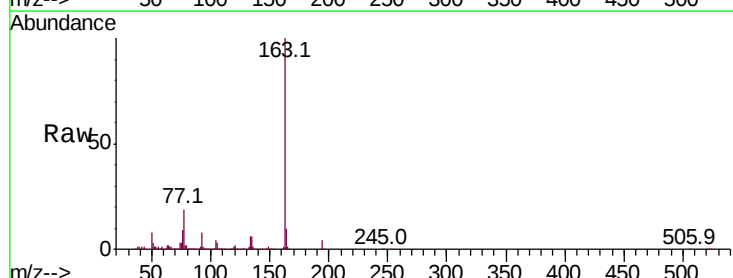
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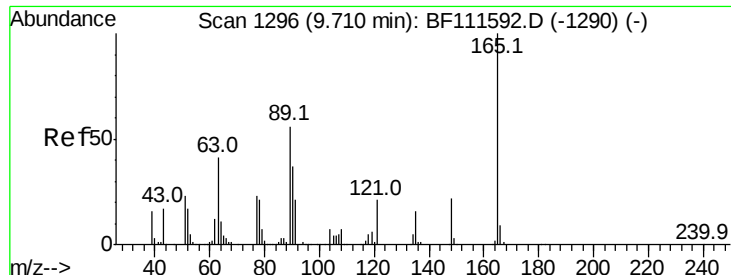
Sohil
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#50
Dimethylphthalate
Concen: 34.168 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.9	13.3





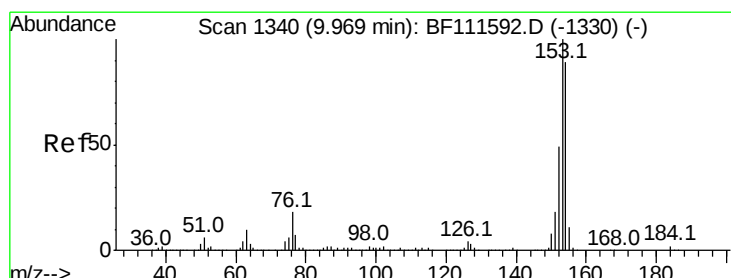
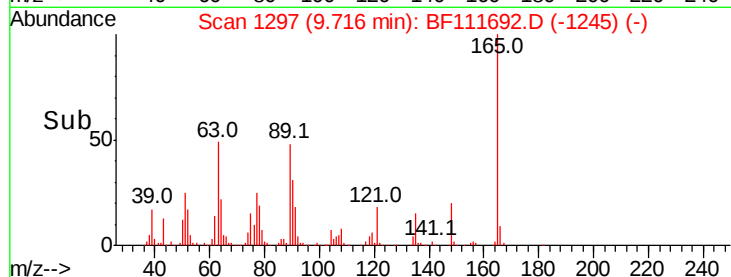
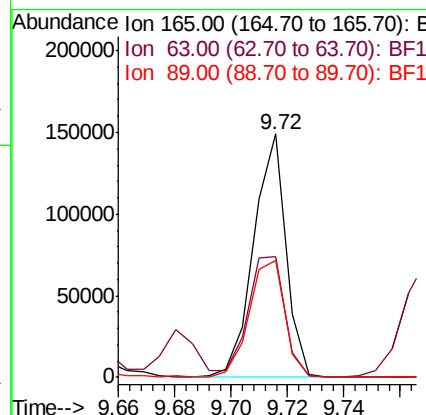
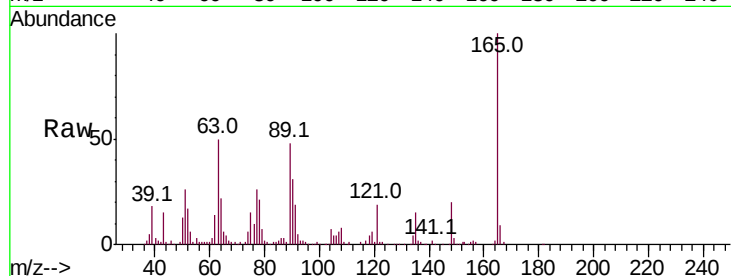
#51
 2,6-Dinitrotoluene
 Concen: 31.056 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	118172		
63	49.7		40.5	60.7
89	48.2		40.0	60.0

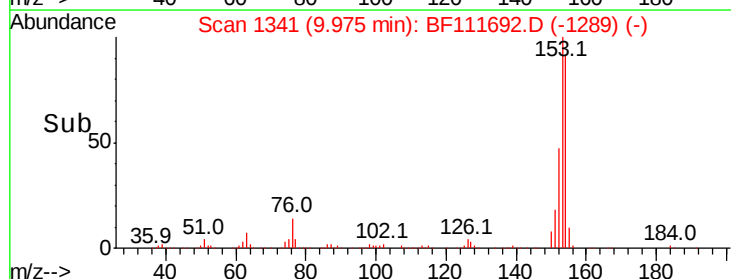
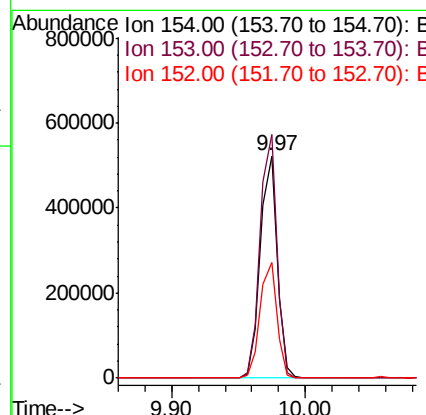
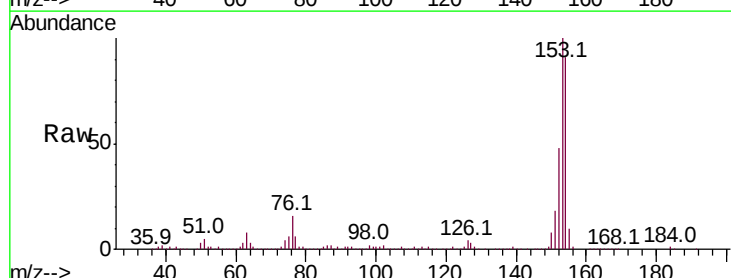
Manual Integrations
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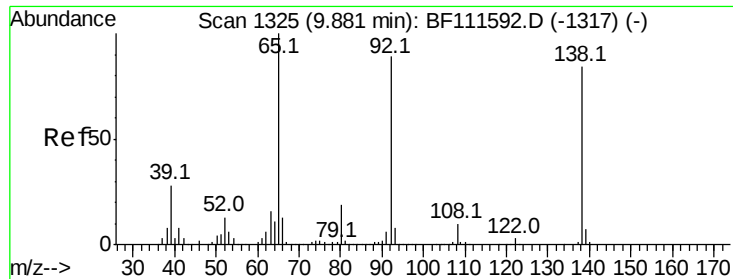
Sohil
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#52
 Acenaphthene
 Concen: 28.577 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF111692.D
 Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	449140		
153	109.5		87.8	131.8
152	52.2		43.4	65.2





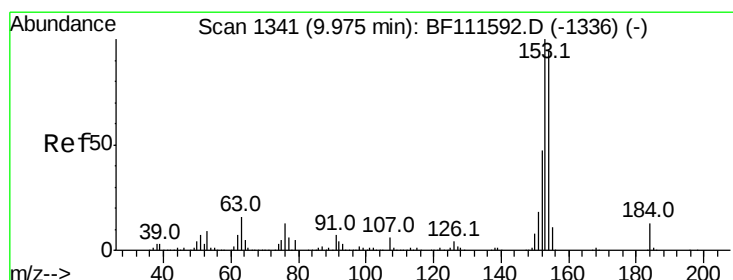
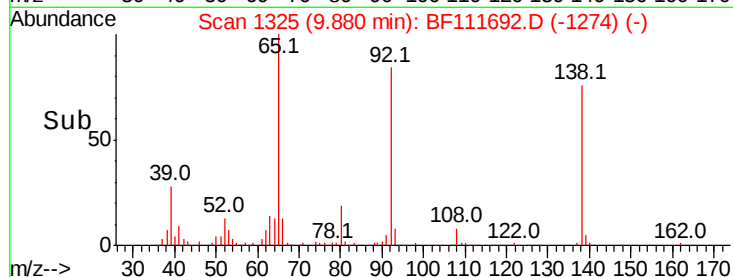
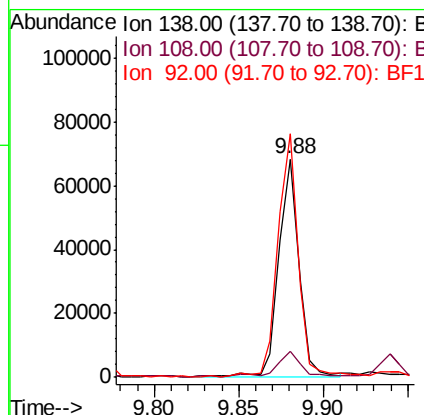
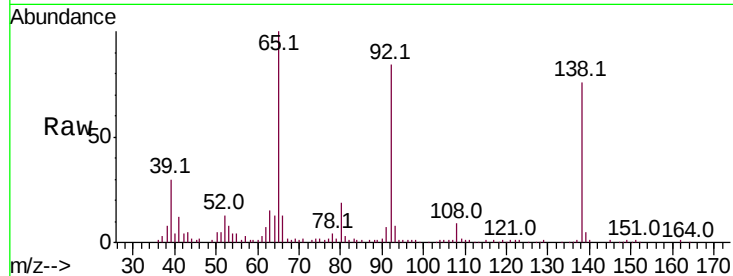
#53
3-Nitroaniline
Concen: 14.137 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	8.2	12.4
92	111.4	93.4	140.2

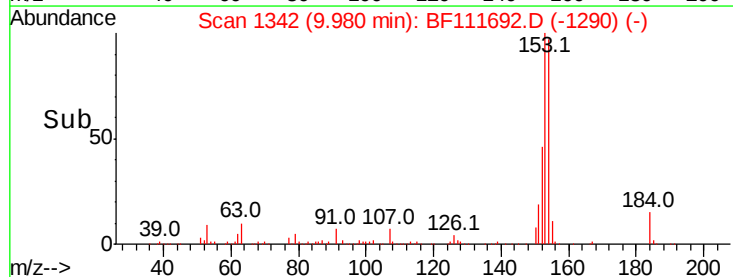
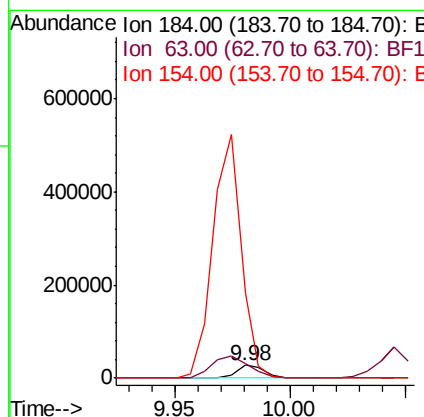
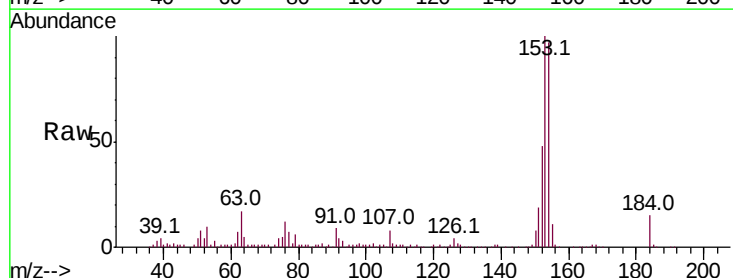
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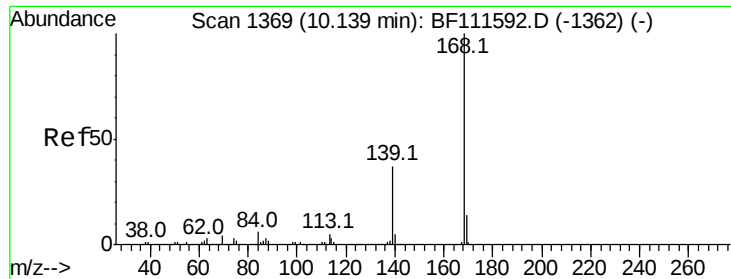
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#54
2,4-Dinitrophenol
Concen: 23.734 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	117.8	62.3	93.5#
154	670.6	56.2	84.2#





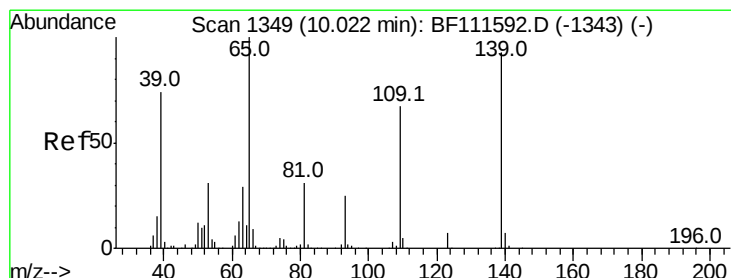
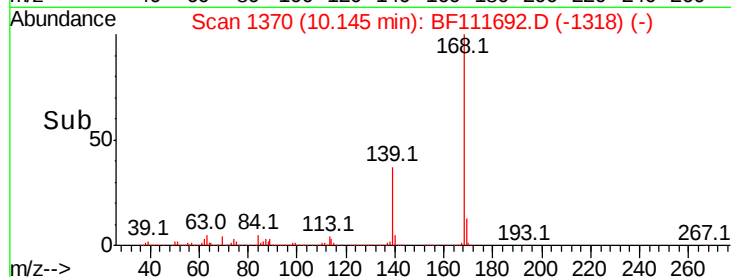
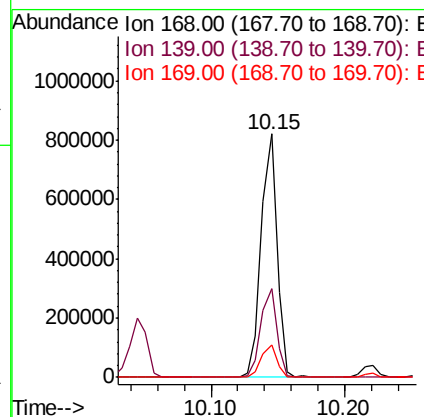
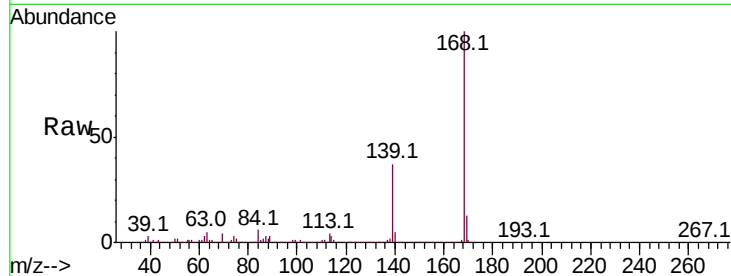
#55
Dibenzofuran
Concen: 28.004 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	32.6	49.0
169	13.2	11.8	17.6

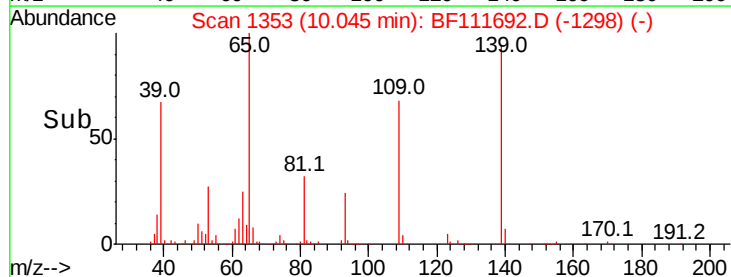
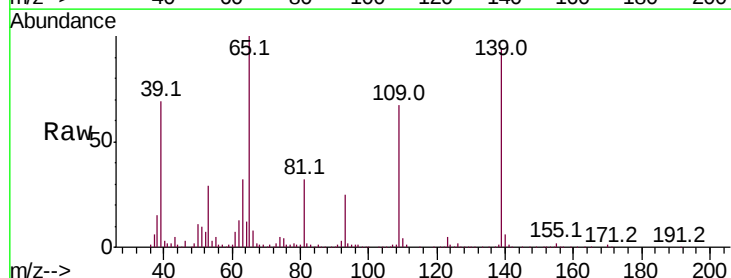
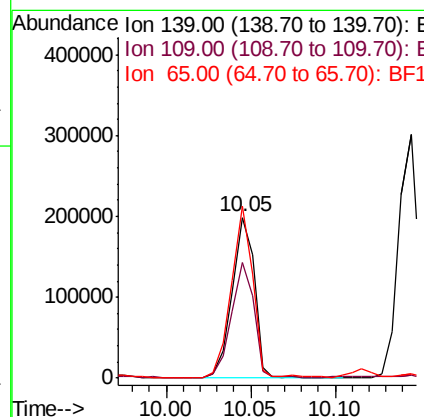
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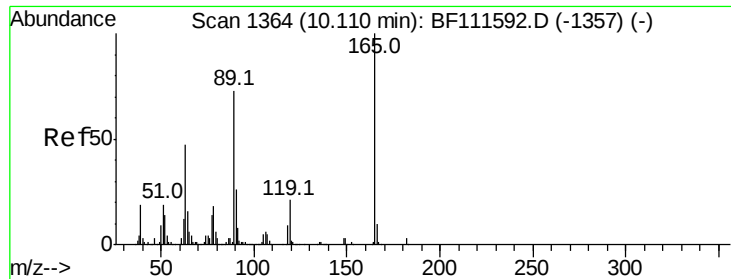
Sohil
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#56
4-Nitrophenol
Concen: 59.098 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.0	41.8	81.8
65	106.8	79.6	119.6





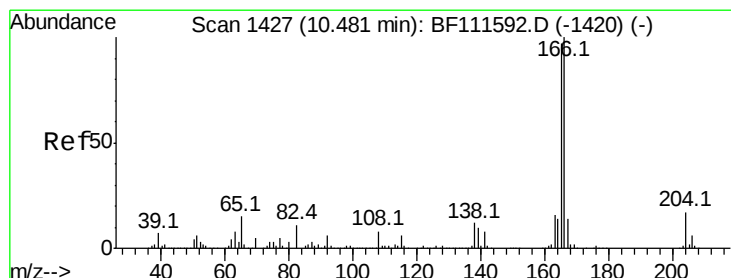
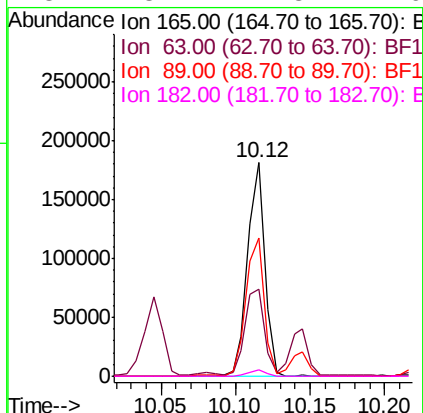
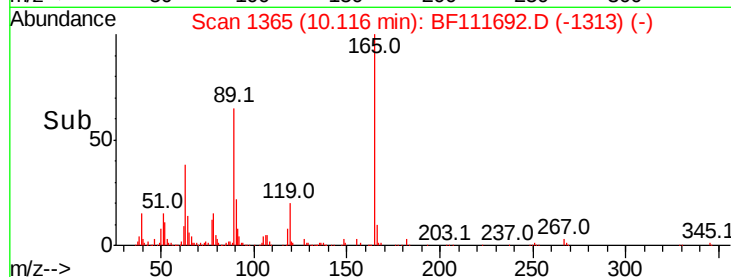
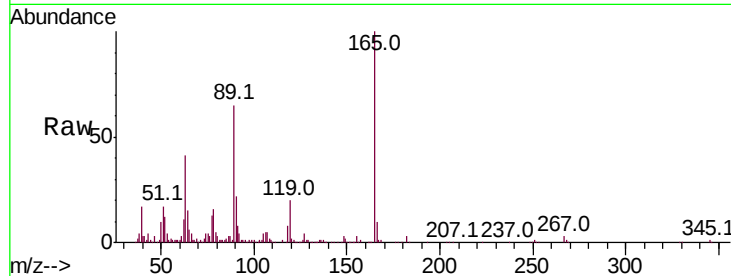
#57
2,4-Dinitrotoluene
Concen: 31.850 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.0	34.6	52.0
89	64.9	56.2	84.4
182	3.2	1.8	2.6

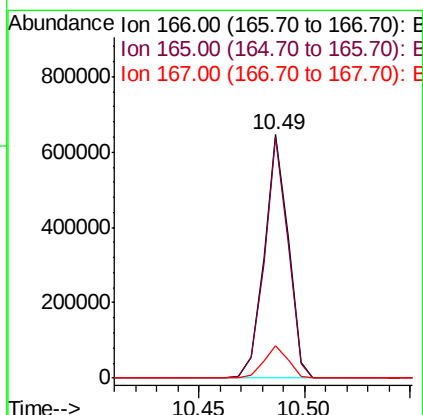
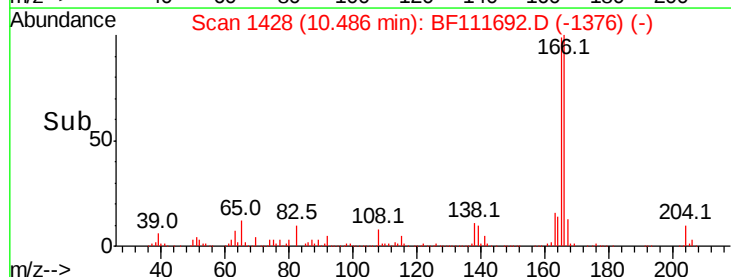
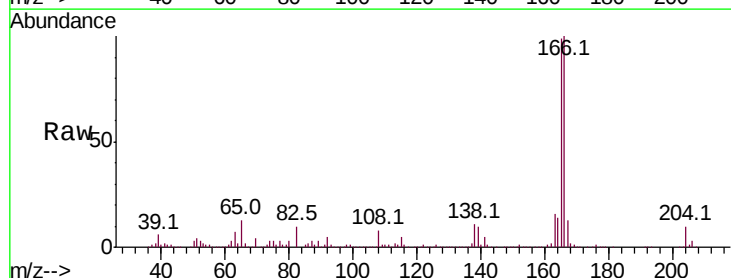
Manual Integrations
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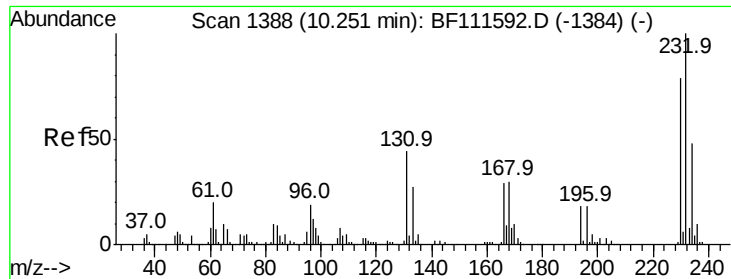
Sohil
12/26/2018 3:10:47 PM



#58
Fluorene
Concen: 29.703 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.2	78.4	117.6
167	13.3	11.2	16.8





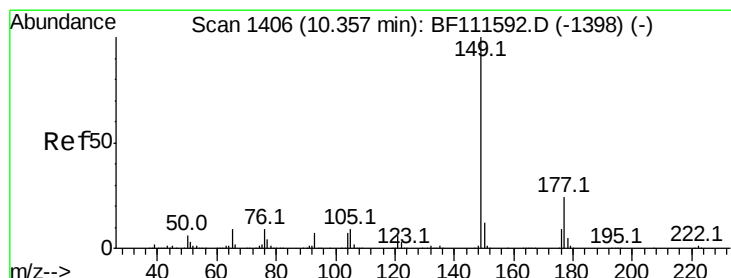
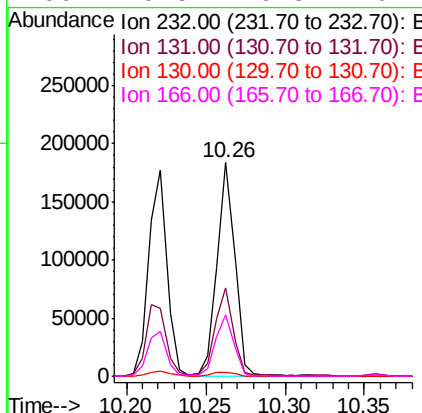
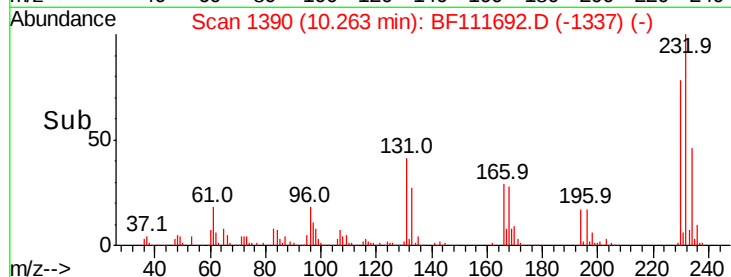
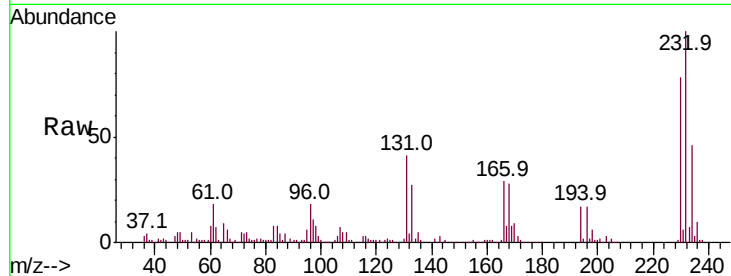
#59
2,3,4,6-Tetrachlorophenol
Concen: 29.439 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	145512		
131	41.0		40.9	61.3
130	2.4		2.0	3.0
166	29.5		26.8	40.2

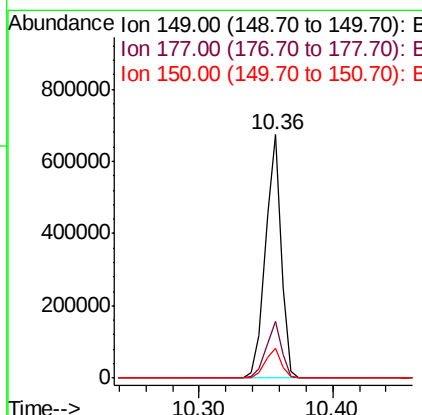
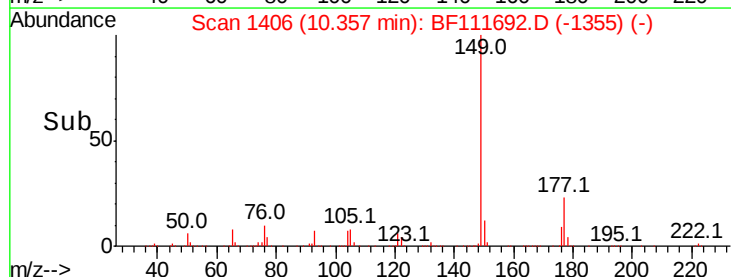
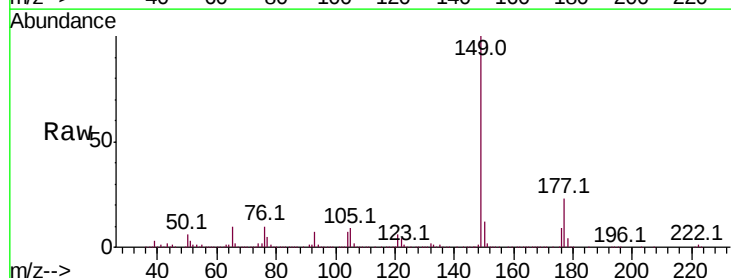
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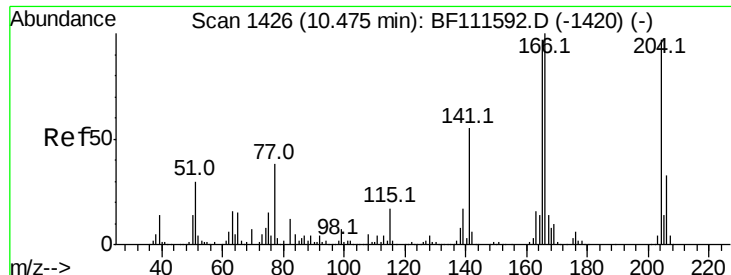
Sohil
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#60
Diethylphthalate
Concen: 29.002 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	542907		
177	23.3		18.3	27.5
150	12.4		10.6	15.8





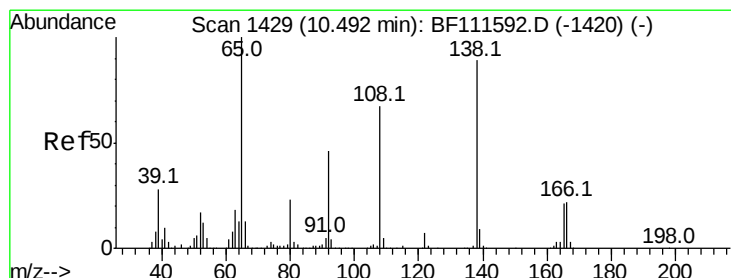
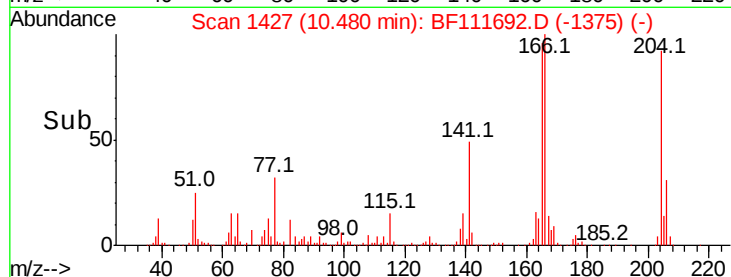
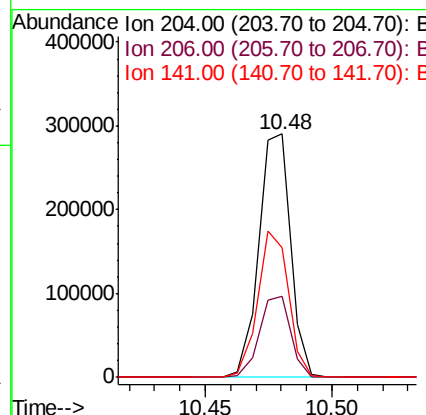
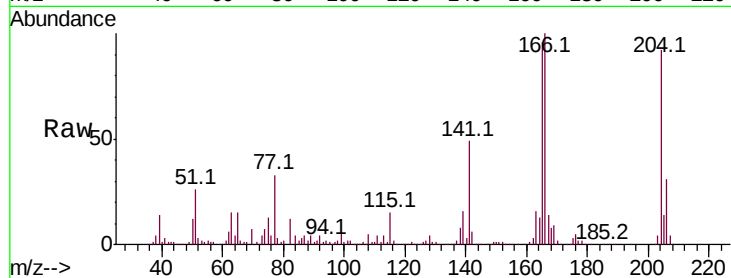
#61
4-Chlorophenyl-phenylether
Concen: 26.969 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	53.1	52.6	78.8

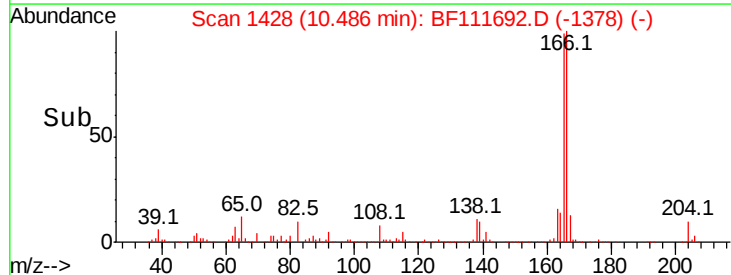
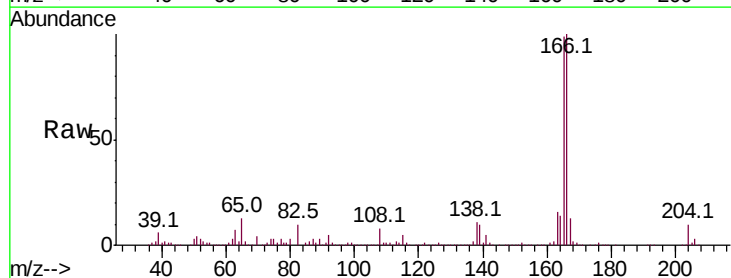
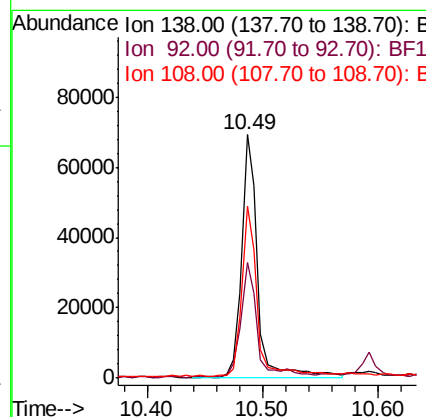
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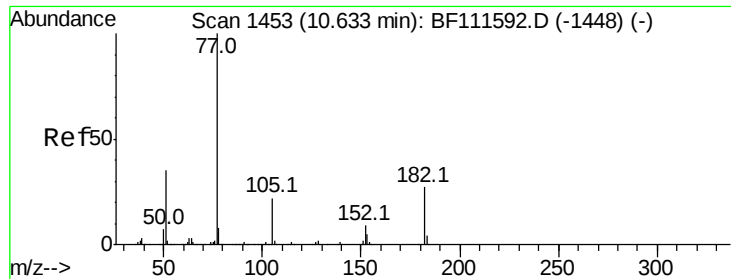
Sohil
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#62
4-Nitroaniline
Concen: 17.186 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.3	29.9	69.9
108	70.8	43.2	83.2





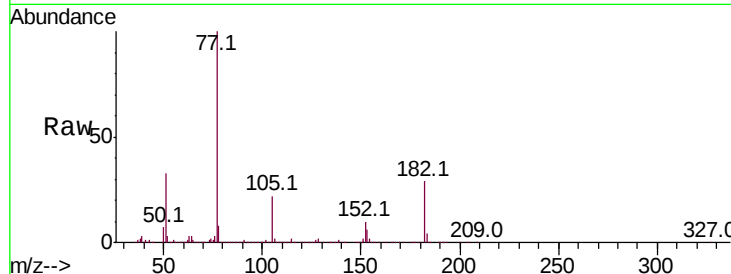
#63
Azobenzene
Concen: 25.327 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

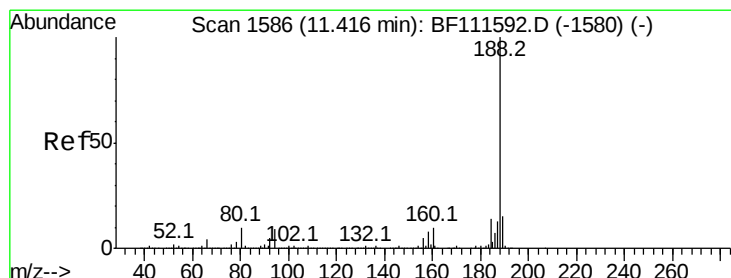
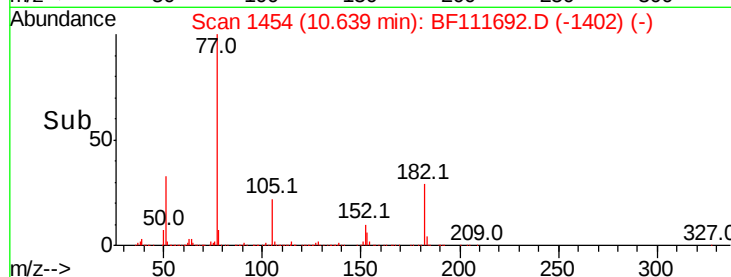
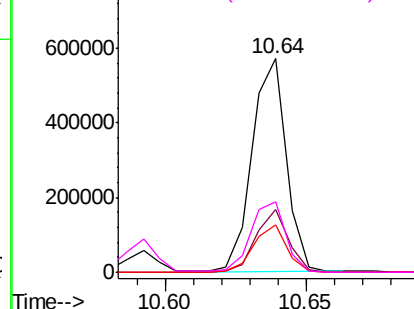
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		475974		
182	29.4	4.9	44.9		
105	21.9	6.0	46.0		
51	33.1	14.7	54.7		

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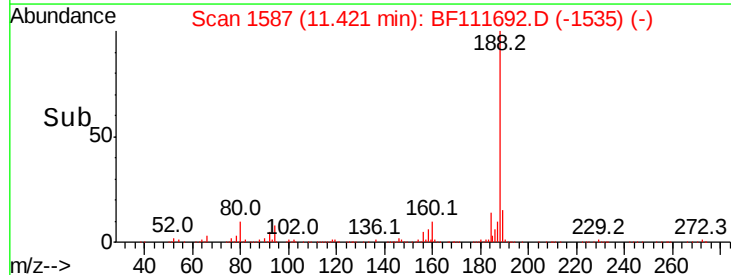
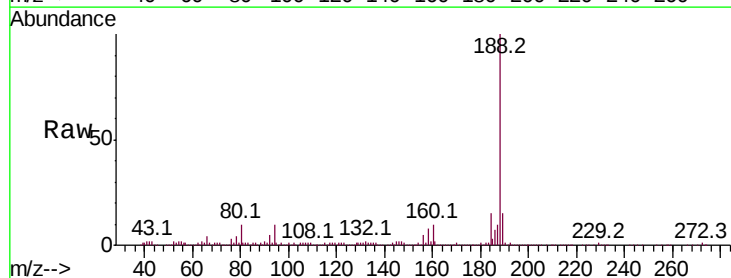
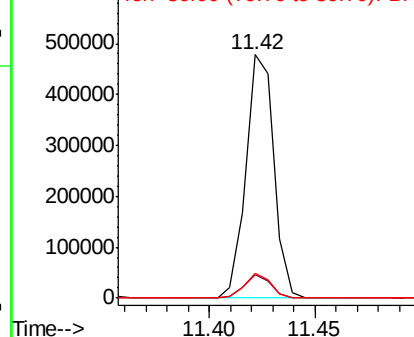
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

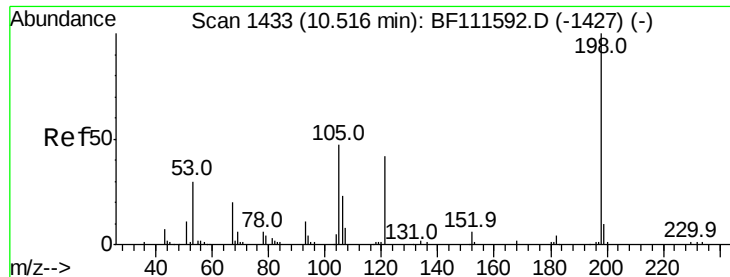


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		435505		
94	9.6	9.6	14.4#		
80	10.3	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





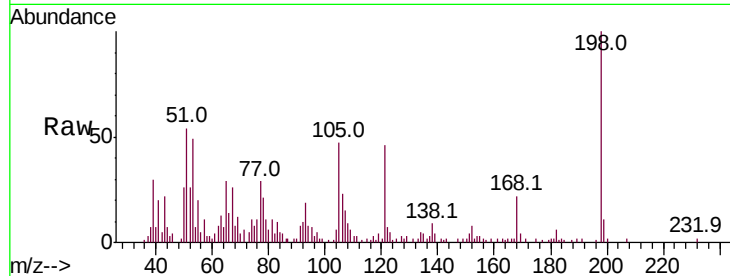
#65
4,6-Dinitro-2-methylphenol
Concen: 15.810 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

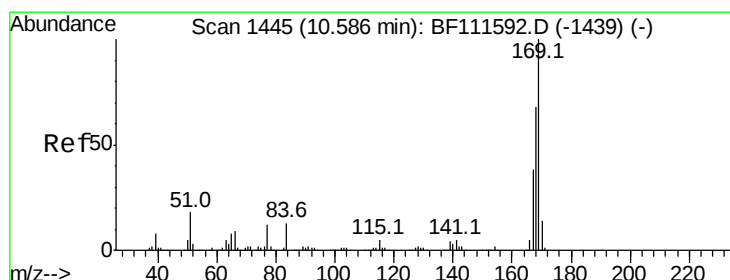
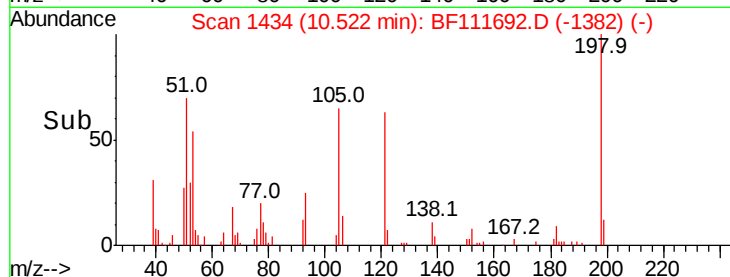
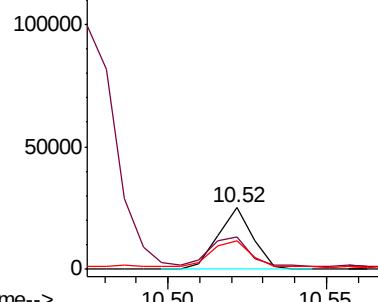
Tot Ion	Ratio	Lower	Upper
198	100		
51	53.7	48.0	88.0
105	47.2	34.0	74.0

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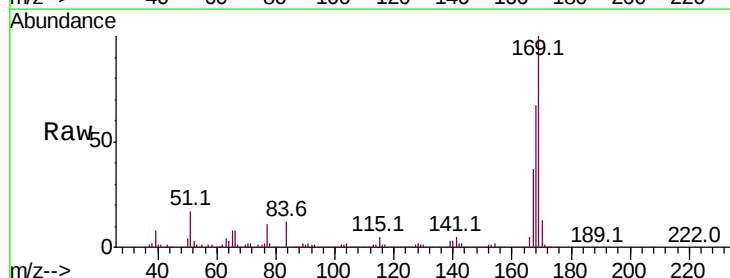


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

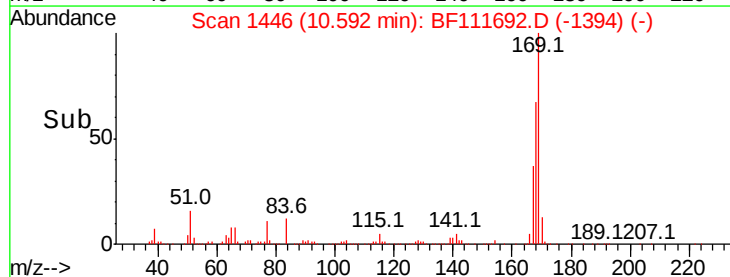
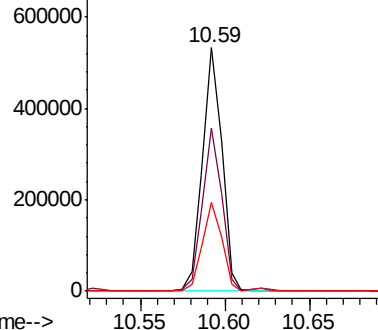


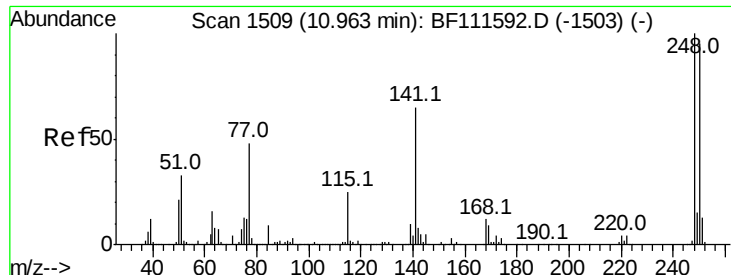
#66
n-Nitrosodiphenylamine
Concen: 29.091 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.4	81.6
167	36.7	30.5	45.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





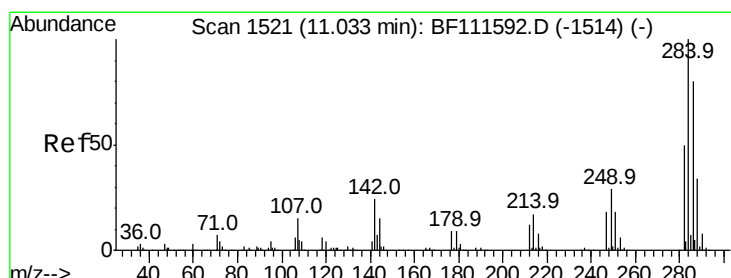
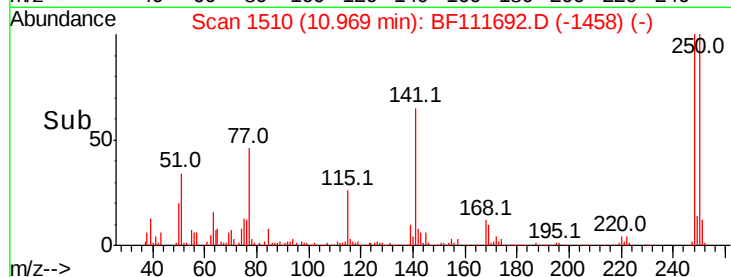
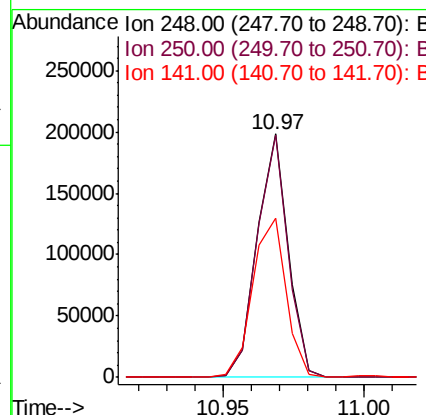
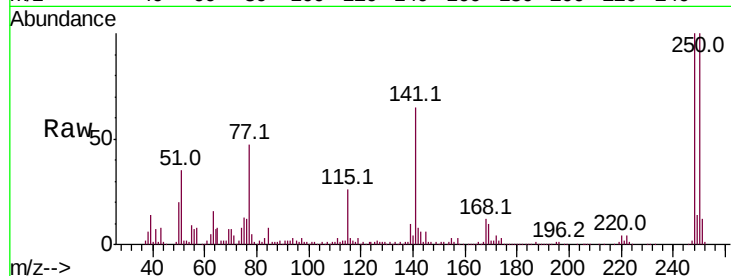
#67
4-Bromophenyl-phenylether
Concen: 28.098 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.0	115.4
141	65.3	63.0	94.6

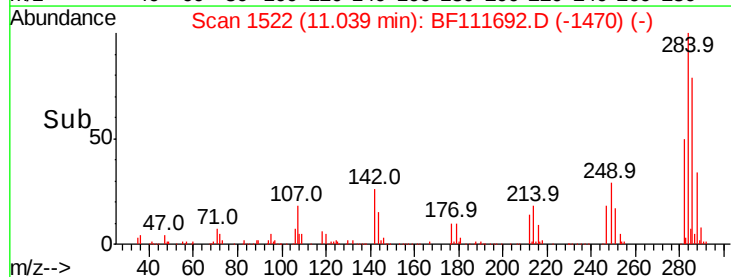
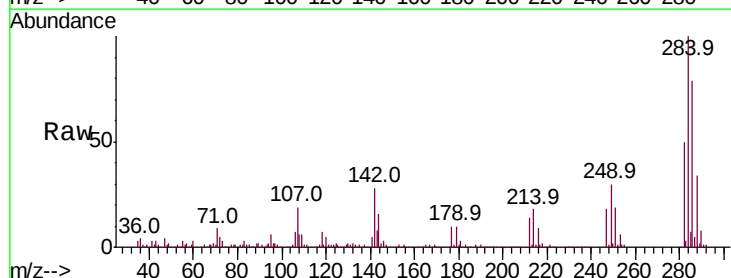
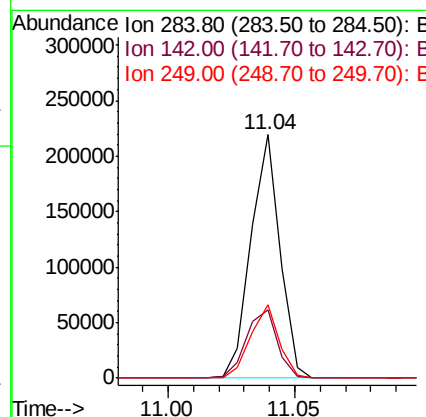
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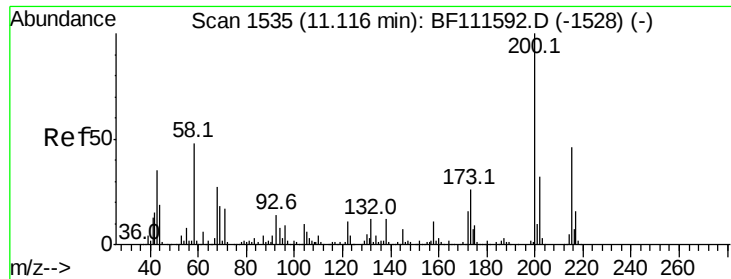
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#68
Hexachlorobenzene
Concen: 29.020 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	27.4	41.2
249	30.1	24.4	36.6





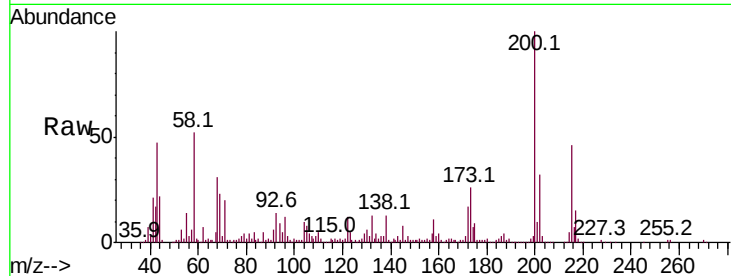
#69
Atrazine
Concen: 30.556 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	10.1	50.1
215	45.8	26.9	66.9

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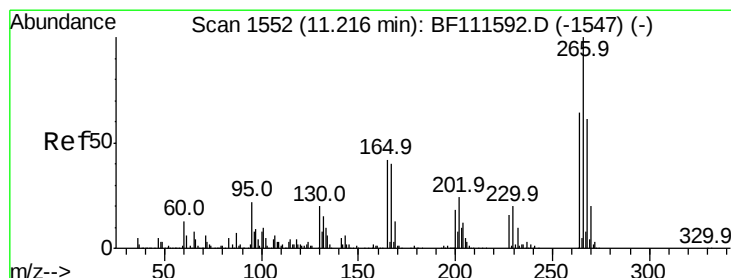
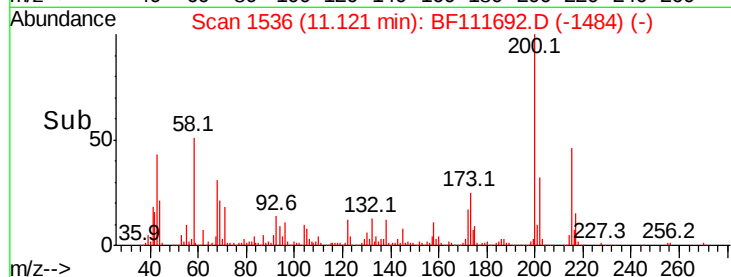
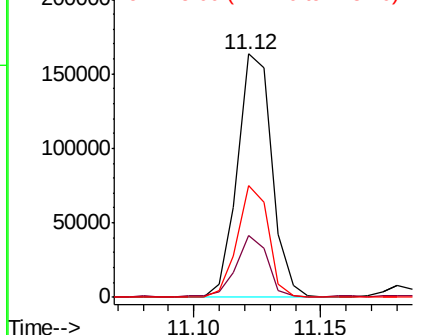


Abundance

Ion 200.00 (199.70 to 200.70): E

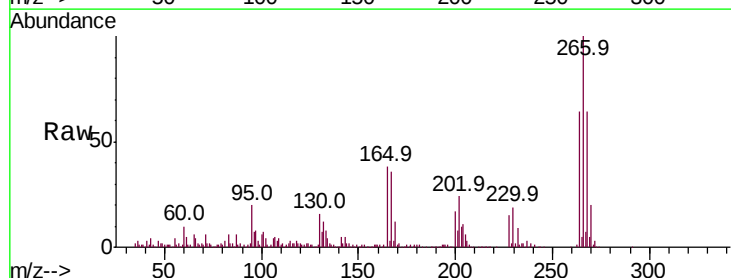
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 49.128 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	47.9	71.9
264	63.6	49.1	73.7

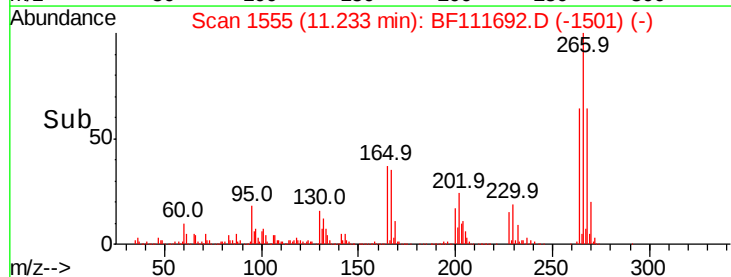
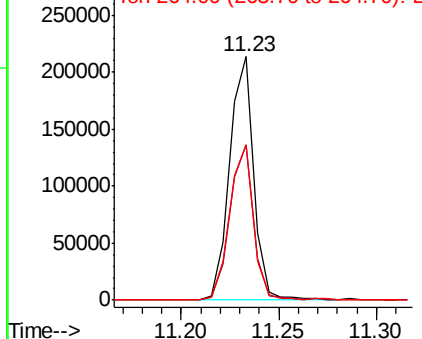


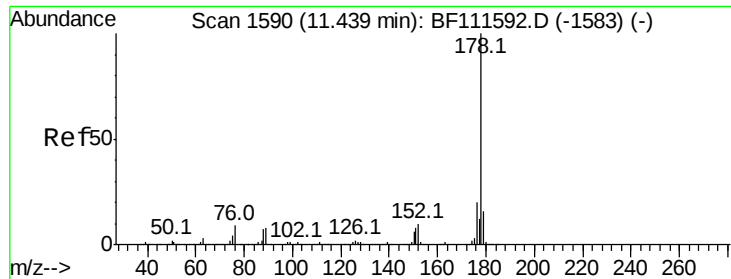
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





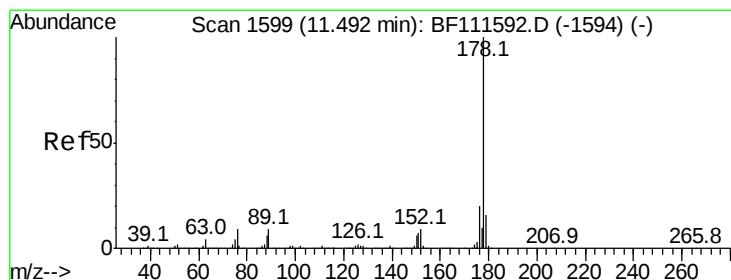
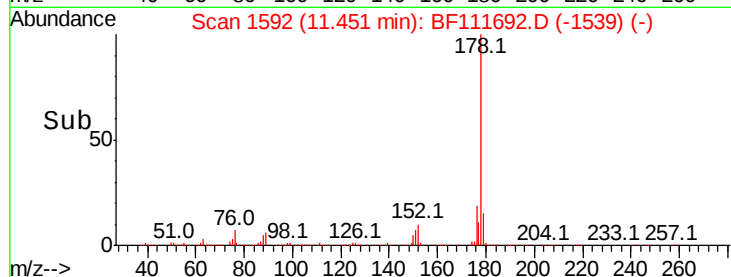
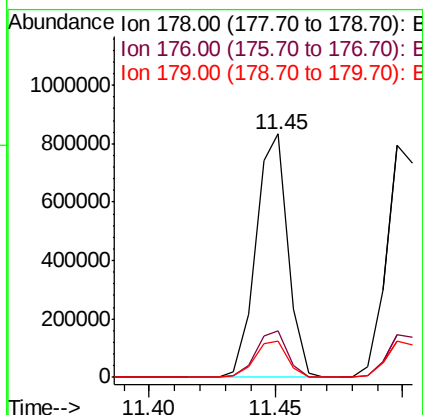
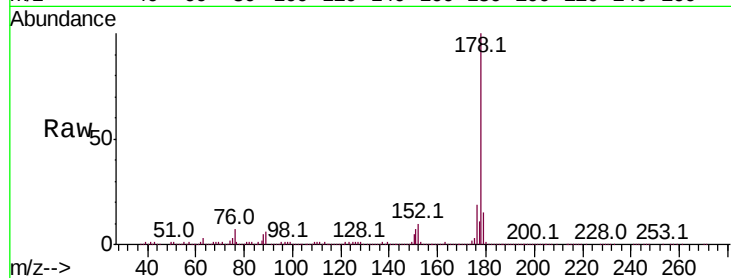
#71
Phenanthrene
Concen: 31.398 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.1	27.1
179	14.9	14.0	21.0

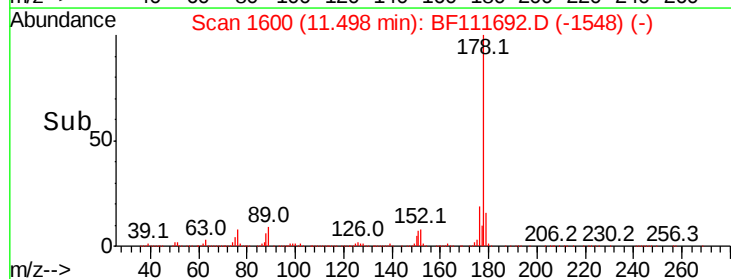
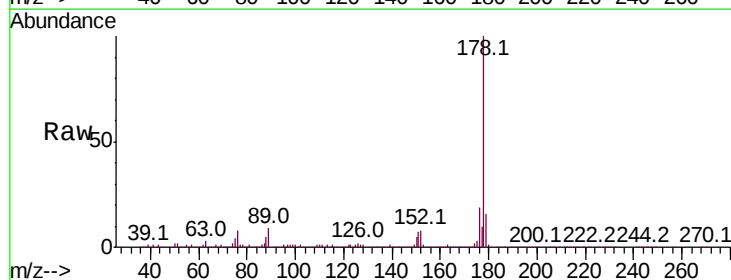
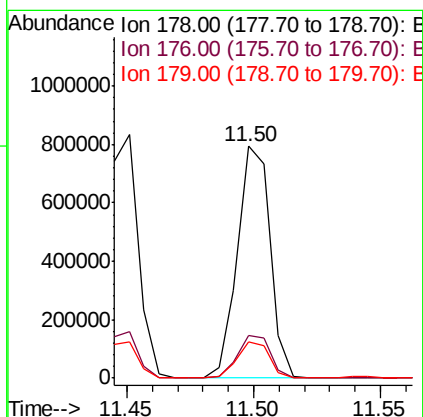
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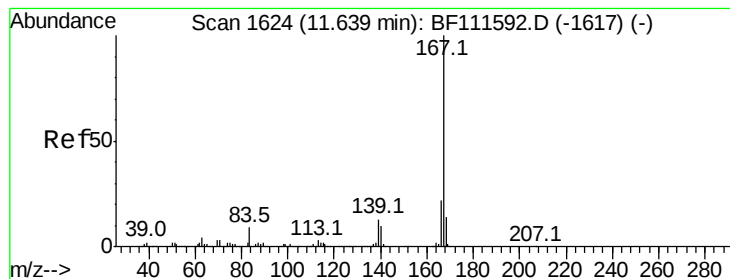
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#72
Anthracene
Concen: 30.609 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

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





#73

Carbazole

Concen: 27.370 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

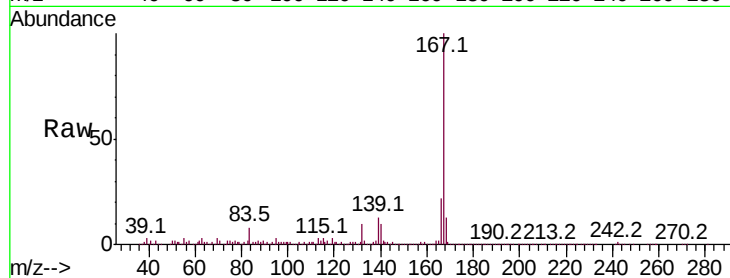
ClientSampleId :

P001-SS025-1218-01MS

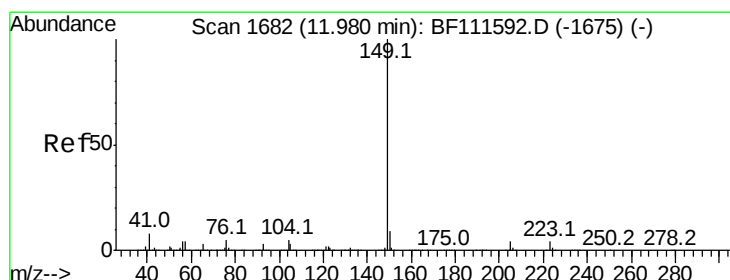
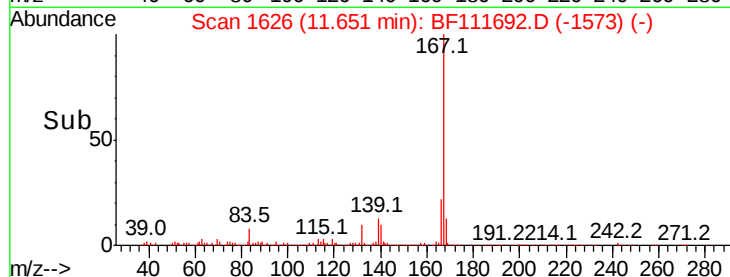
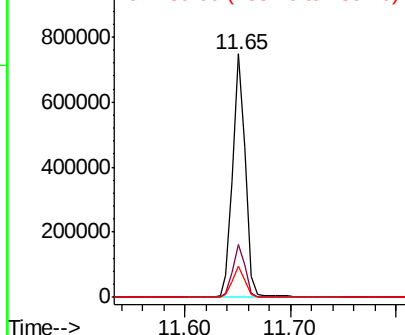
Tot Ion:	167	Resp:	616033
Ion Ratio	Lower	Upper	
167	100		
166	21.8	19.3	28.9
139	12.7	11.9	17.9

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 29.694 ng

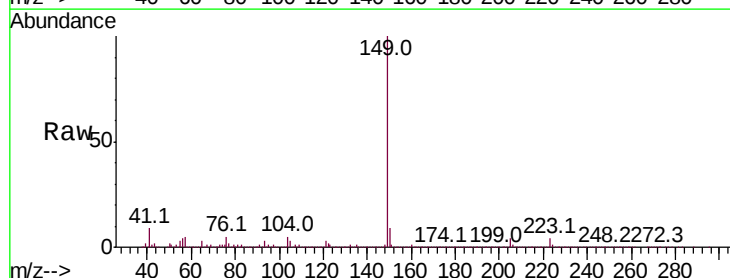
RT: 11.99 min Scan# 1683

Delta R.T. 0.01 min

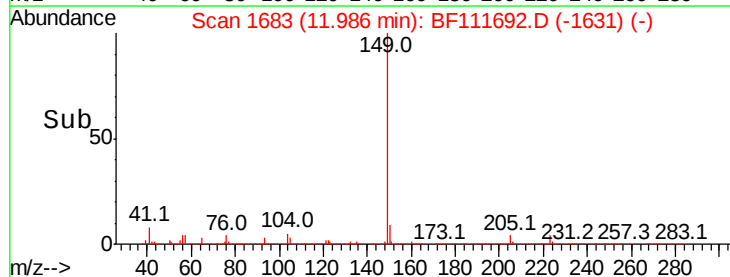
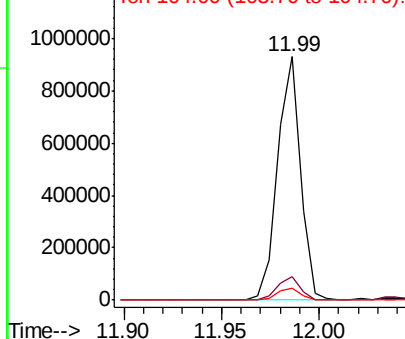
Lab File: BF111692.D

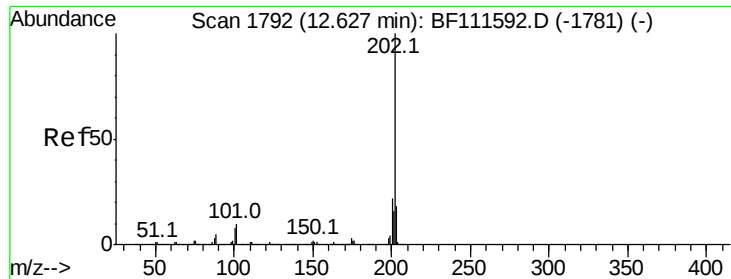
Acq: 21 Dec 2018 17:28

Tgt Ion:	149	Resp:	749350
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.8	13.2
104	4.8	4.5	6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





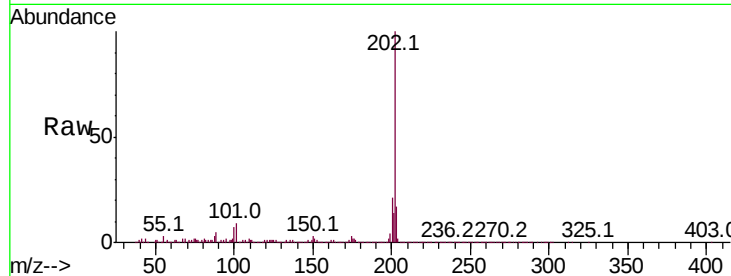
#75
Fluoranthene
Concen: 30.714 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	0.0	33.8
203	17.3	0.0	38.6

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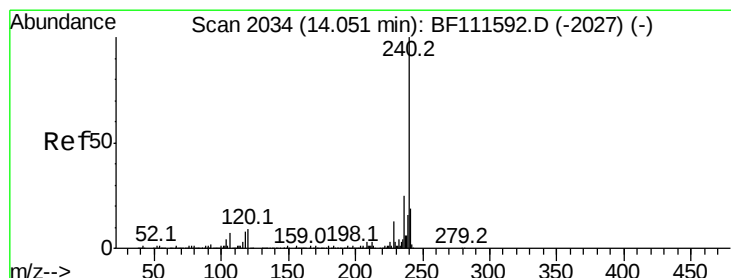
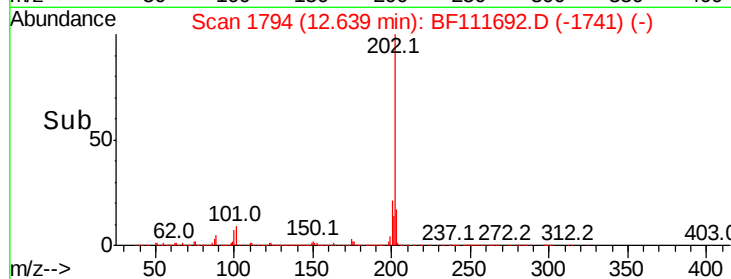
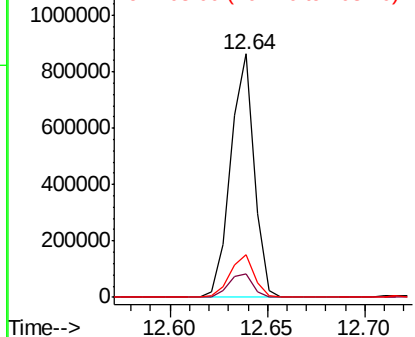


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

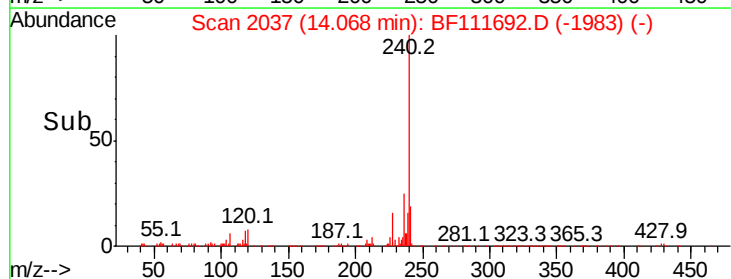
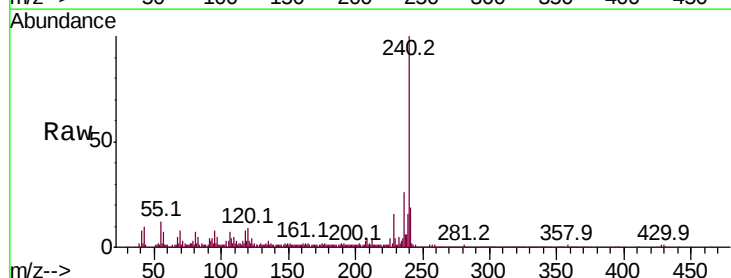
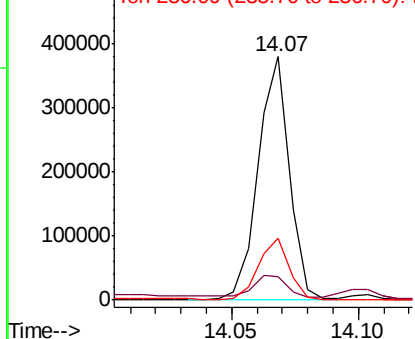
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	25.6	20.2	30.2

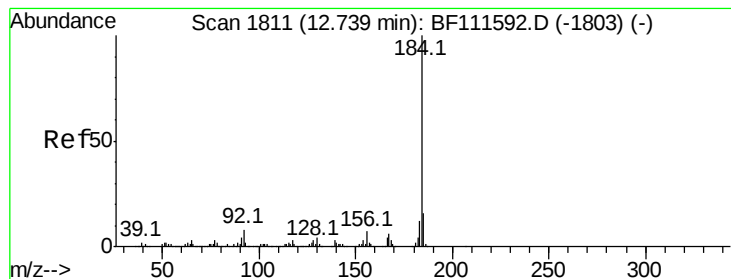
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.393 ng/mL

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

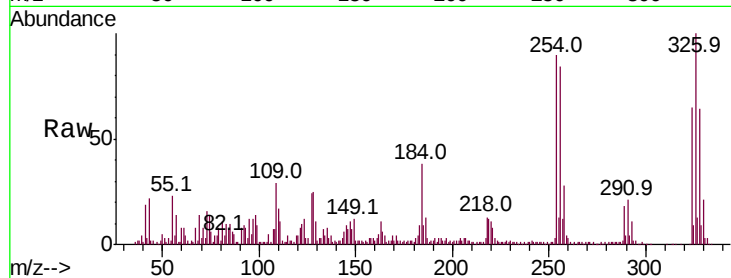
ClientSampleId :

P001-SS025-1218-01MS

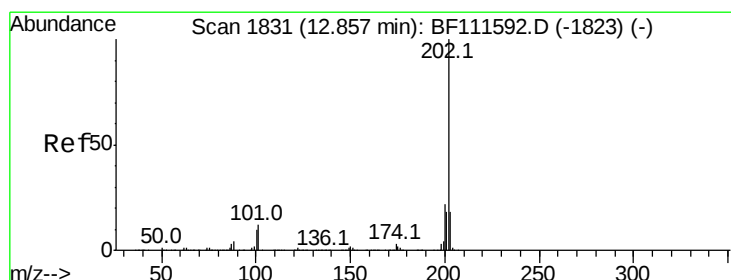
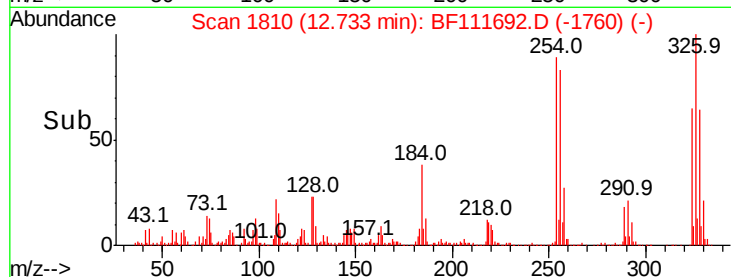
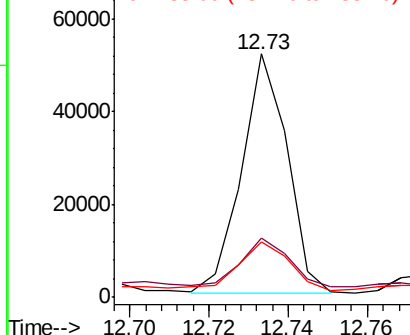
Tot Ion:	184	Resp:	41468
Ion Ratio	Lower	Upper	
184	100		
185	24.3	13.0	19.6#
183	22.8	9.3	13.9#

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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: 31.541 ng/mL

RT: 12.87 min Scan# 1833

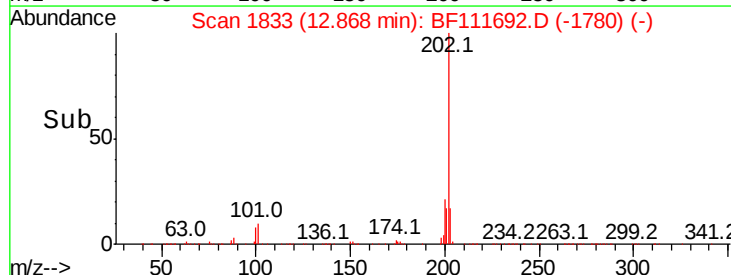
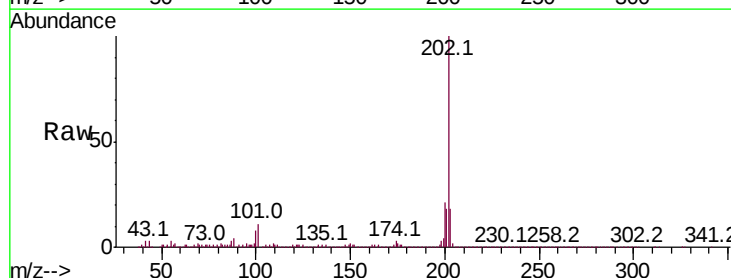
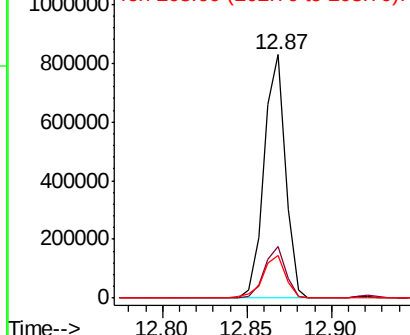
Delta R.T. 0.01 min

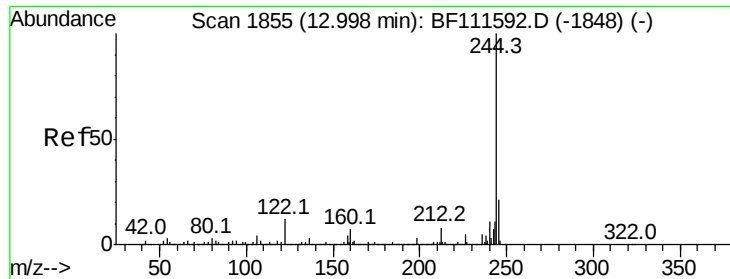
Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	202	Resp:	723428
Ion Ratio	Lower	Upper	
202	100		
200	21.3	19.0	28.4
203	17.8	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: 57.789 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

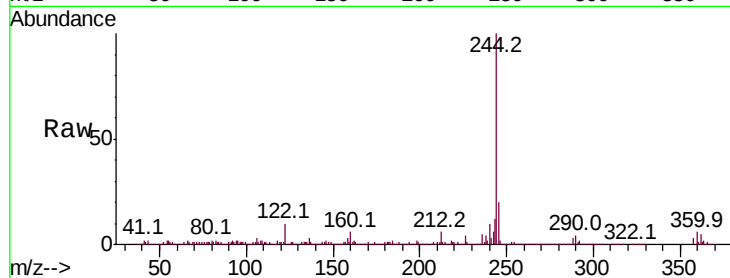
ClientSampleId :

P001-SS025-1218-01MS

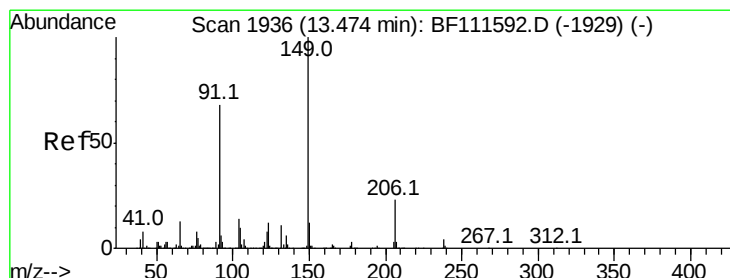
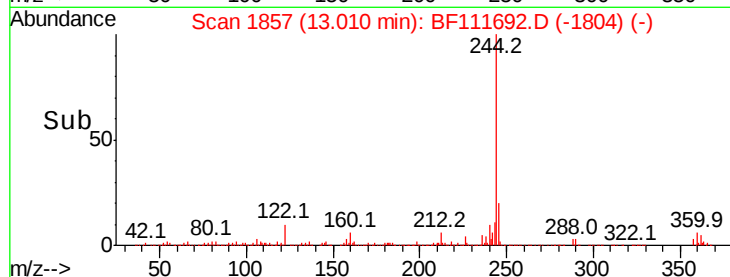
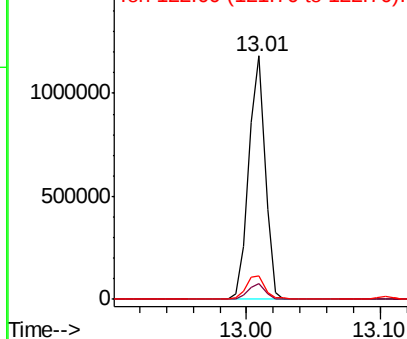
Tot Ion:	244	Resp:	989732
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.7	8.5
122	9.9	13.1	19.7#

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 30.574 ng

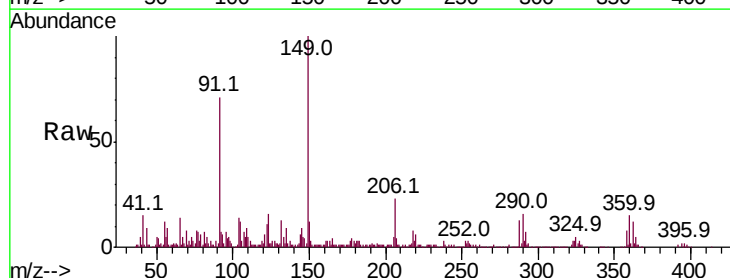
RT: 13.49 min Scan# 1938

Delta R.T. 0.01 min

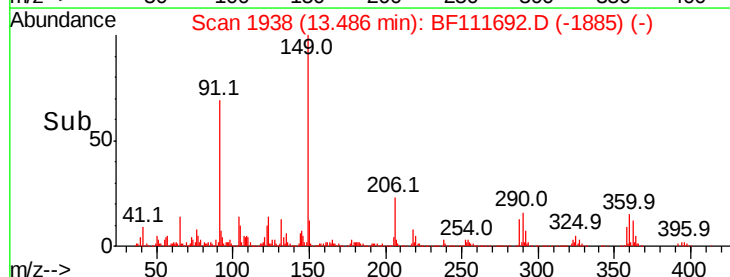
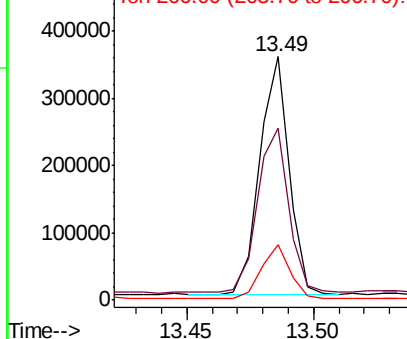
Lab File: BF111692.D

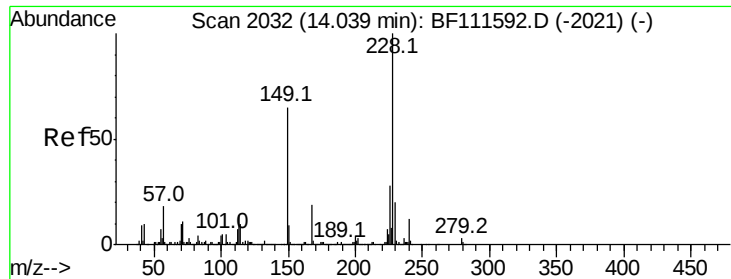
Acq: 21 Dec 2018 17:28

Tgt Ion:	149	Resp:	285844
Ion Ratio	Lower	Upper	
149	100		
91	70.7	63.8	95.6
206	22.8	15.1	22.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





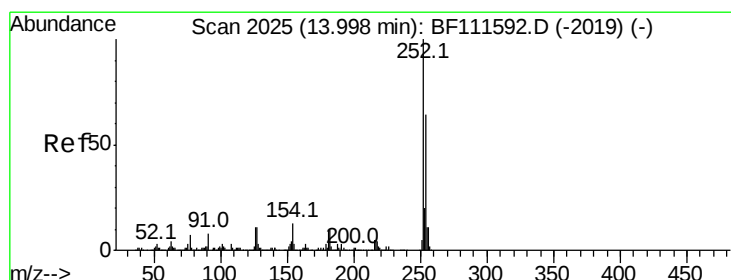
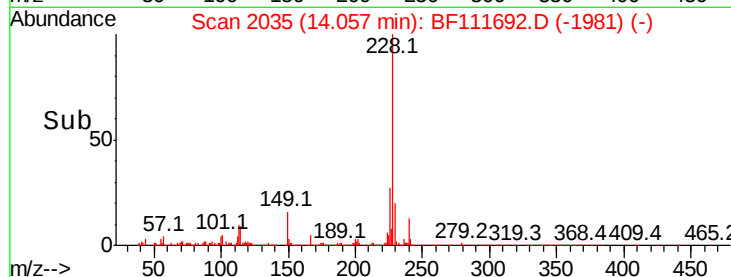
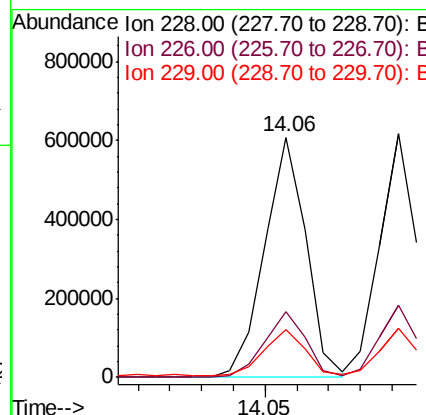
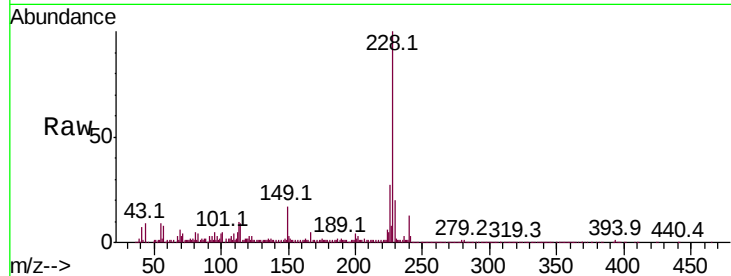
#81
Benzo(a)anthracene
Concen: 29.651 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.1	16.3	24.5

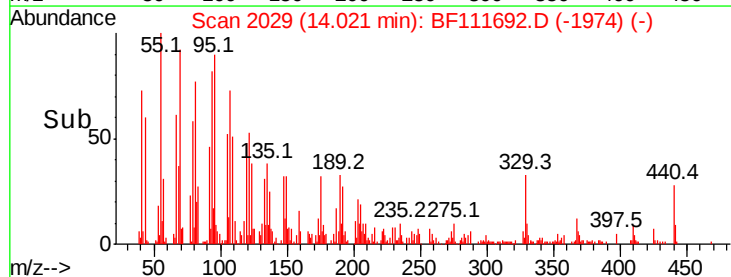
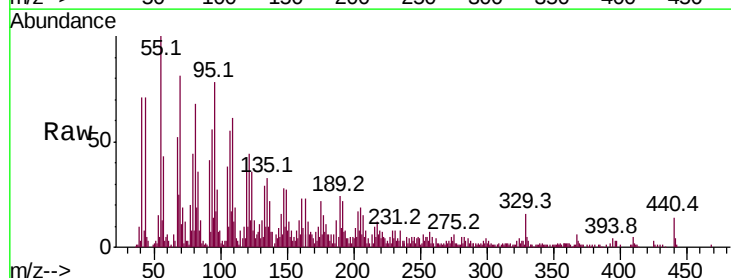
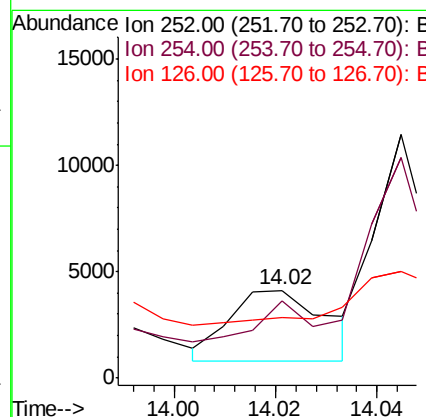
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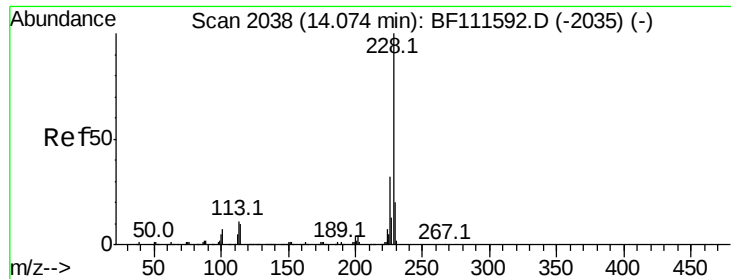
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#82
3,3'-Dichlorobenzidine
Concen: 0.598 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
254	87.4	52.7	79.1#
126	69.3	11.1	16.7#





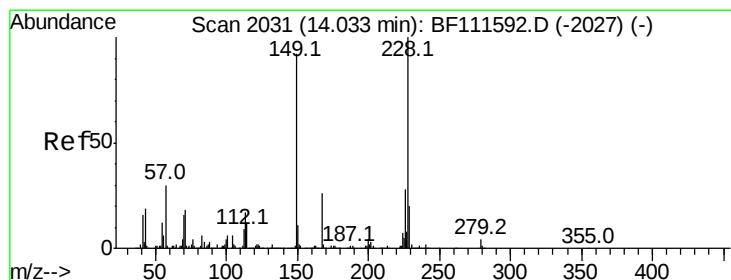
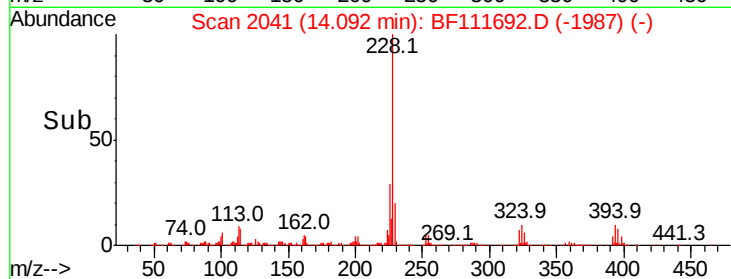
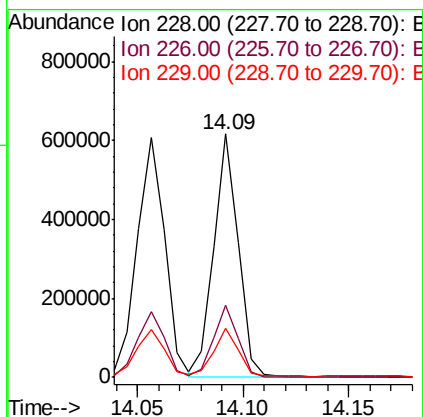
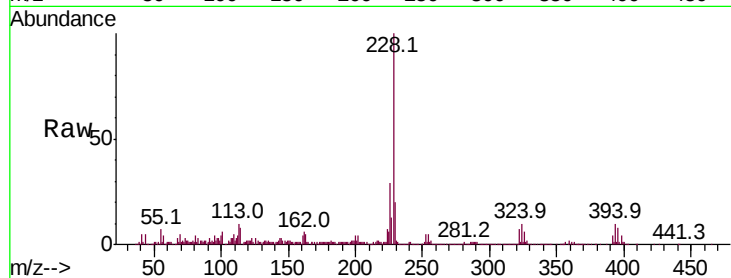
#83
Chrvsene
Concen: 27.148 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.3	37.9
229	20.2	17.2	25.8

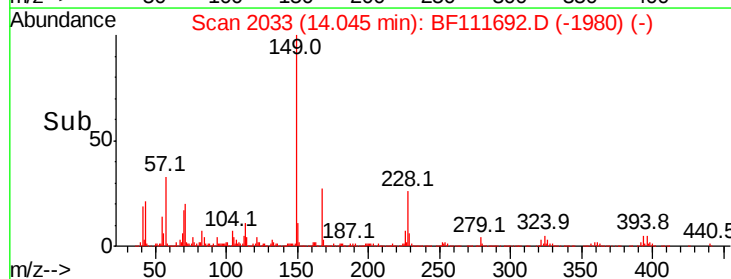
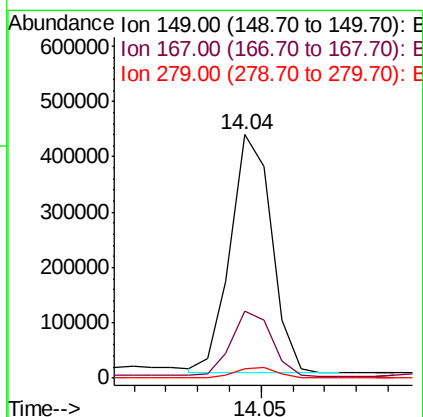
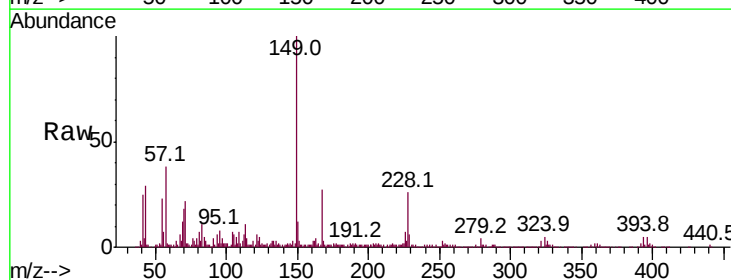
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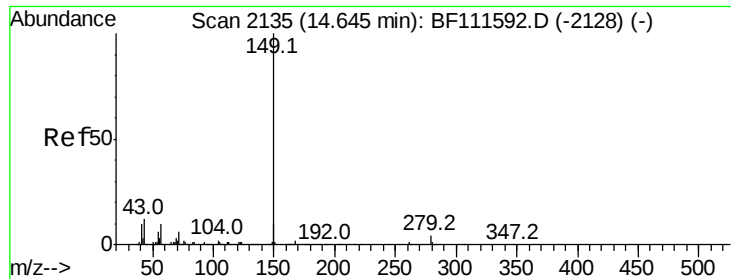
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 32.942 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.5	33.7
279	4.1	2.6	4.0#





#85

Di-n-octyl phthalate

Concen: 31.654 ng

RT: 14.67 min Scan# 2139

Delta R.T. 0.02 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Instrument :

BNA_F

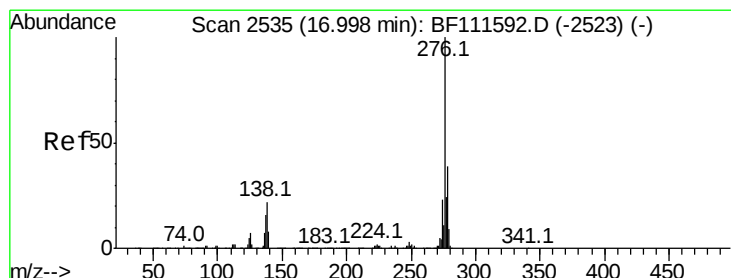
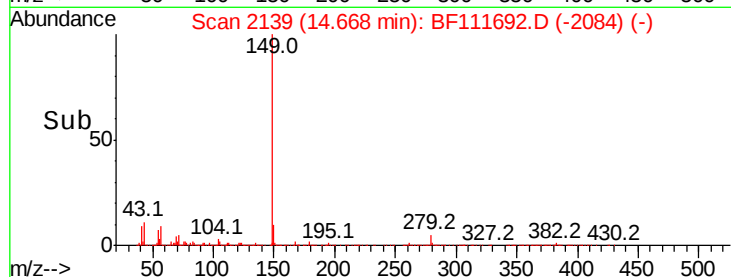
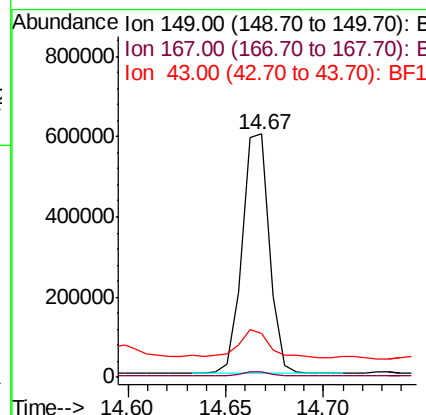
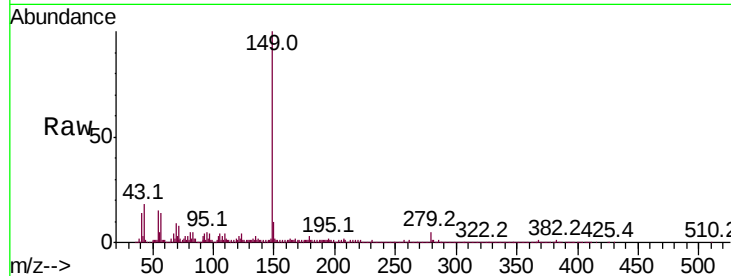
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	149	Resp:	577558
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.3	1.9
43	13.4	10.9	16.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 26.202 ng

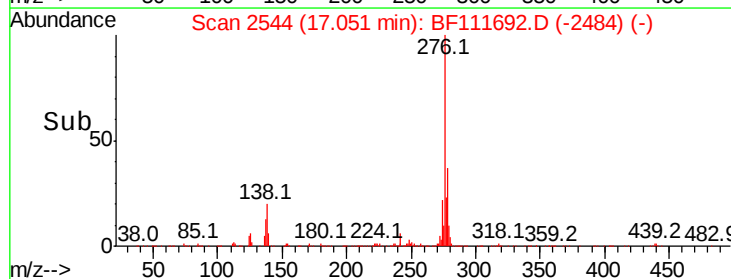
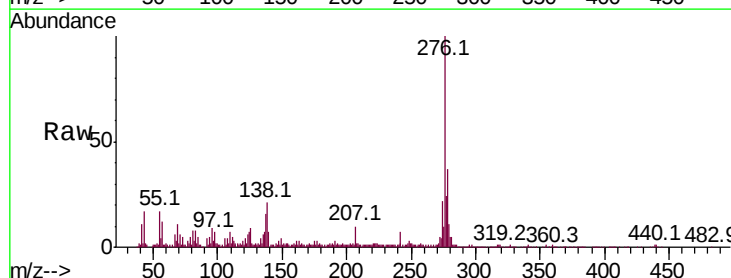
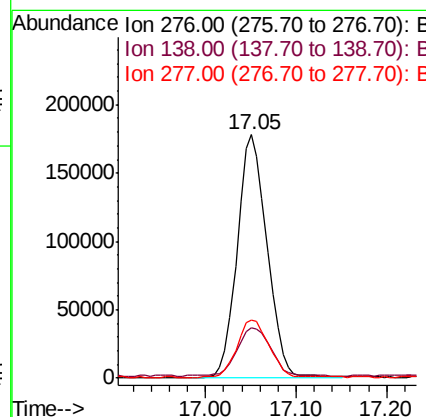
RT: 17.05 min Scan# 2544

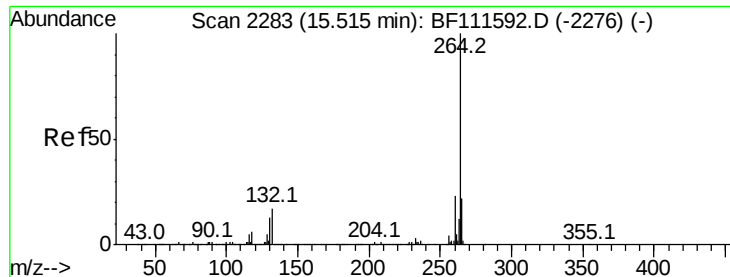
Delta R.T. 0.05 min

Lab File: BF111692.D

Acq: 21 Dec 2018 17:28

Tgt Ion:	276	Resp:	405796
Ion Ratio	Lower	Upper	
276	100		
138	22.1	27.8	41.6#
277	25.2	20.1	30.1





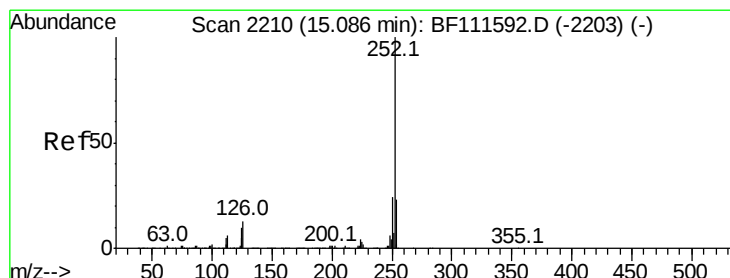
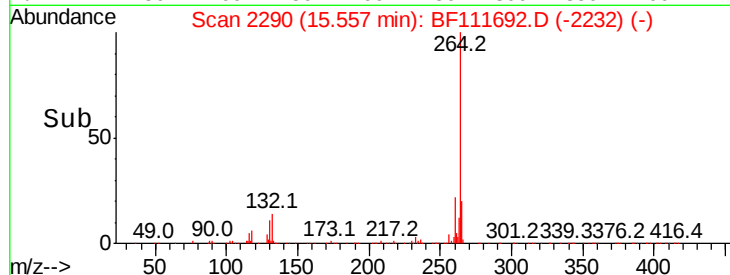
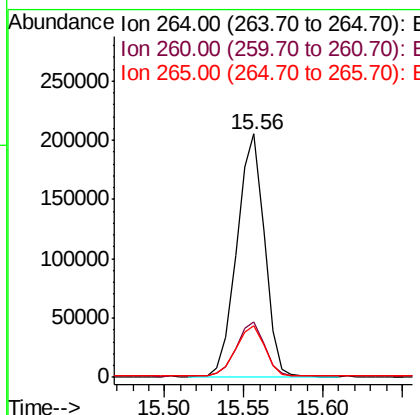
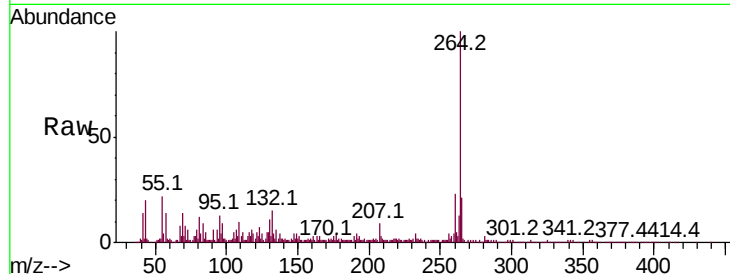
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.0	17.7	26.5

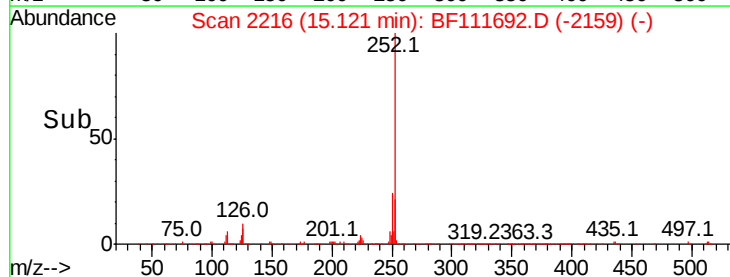
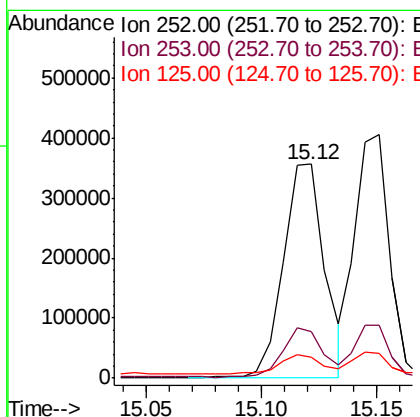
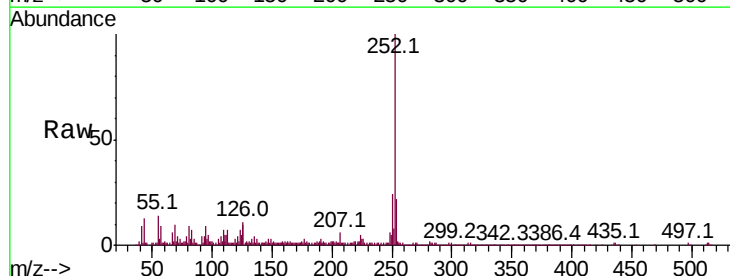
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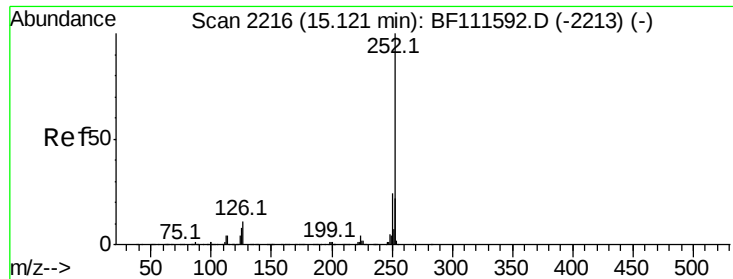
Sohil
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#88
Benzo(b)fluoranthene
Concen: 30.518 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.04 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.8	10.4	15.6#





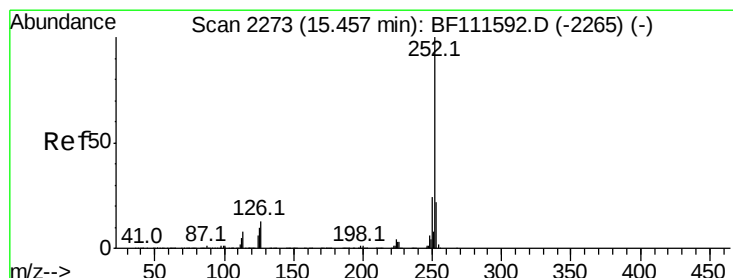
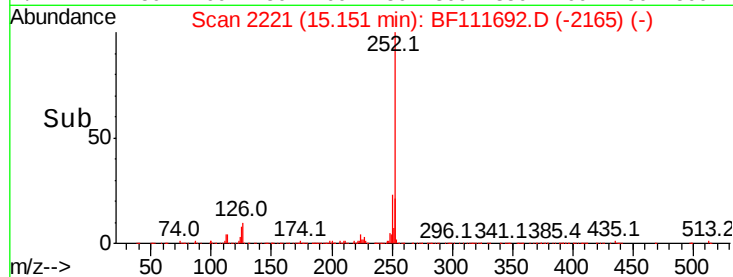
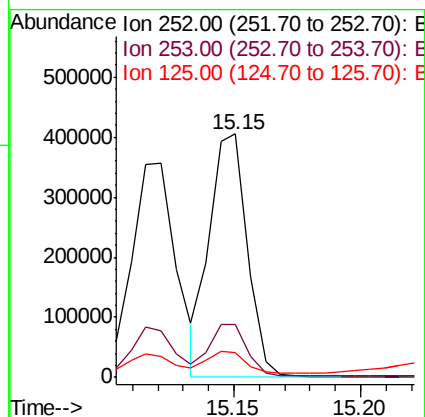
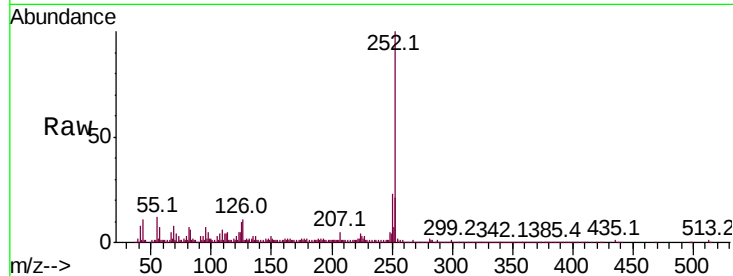
#89
Benzo(k)fluoranthene
Concen: 30.442 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	9.9	9.8	14.8

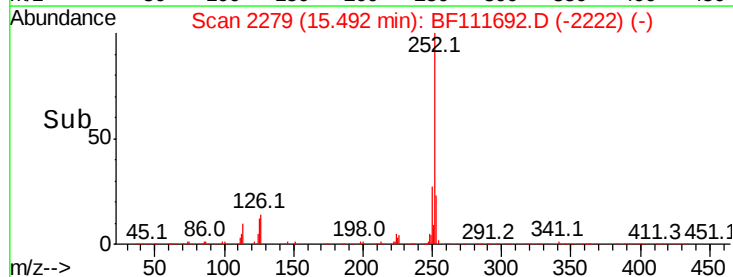
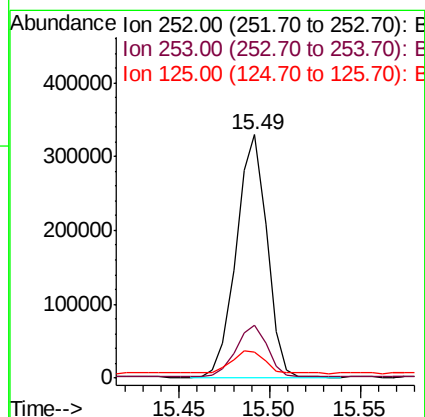
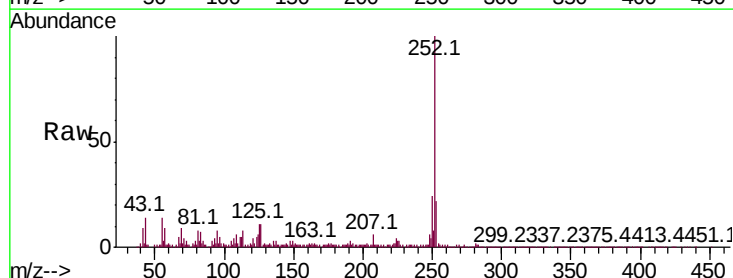
Manual Integrations
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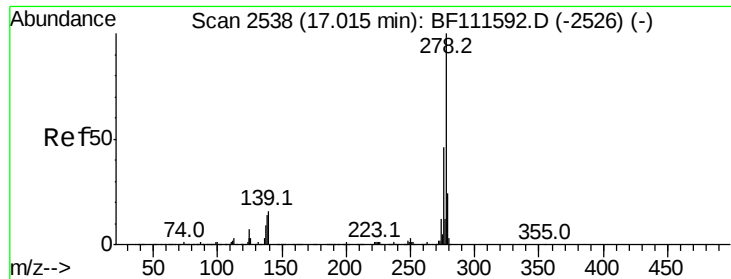
Sohil
12/26/2018 3:10:47 PM



#90
Benzo(a)pyrene
Concen: 29.643 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	10.8	12.3	18.5#





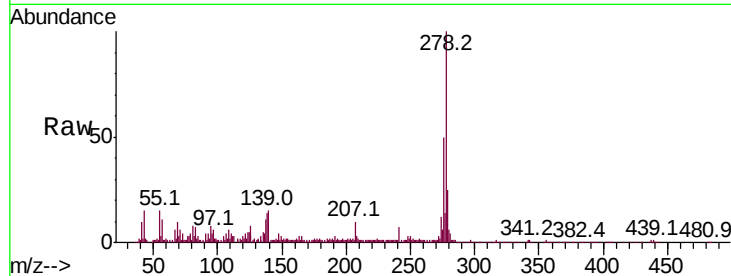
#91
Dibenzo(a,h)anthracene
Concen: 29.760 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.05 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	18.2	27.4#
279	25.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/26/2018 3:10:47 PM

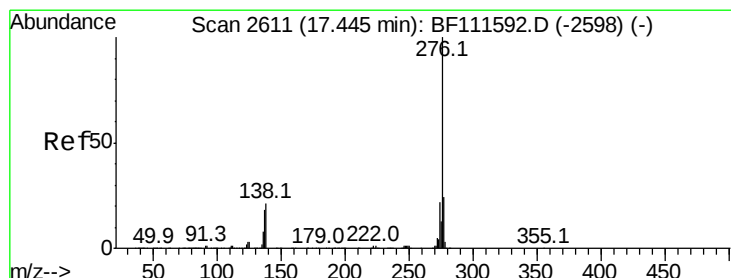
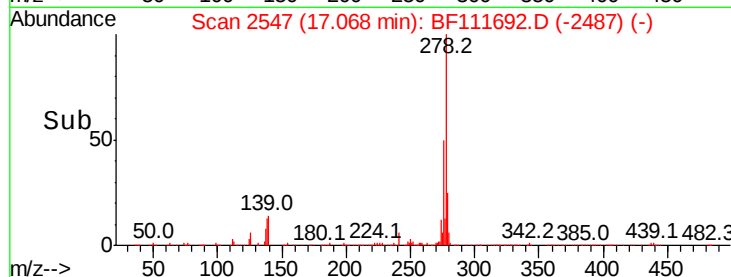
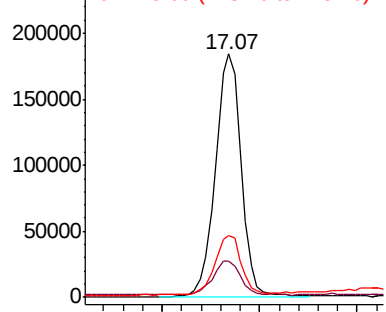


Abundance

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: 28.466 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.06 min
Lab File: BF111692.D
Acq: 21 Dec 2018 17:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	20.6	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

