

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111664.D
 Acq On : 21 Dec 2018 2:59
 Operator : JU/SJ
 Sample : J6447-10MSD 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 12/21/2018 2:46:59 PM

Quant Time: Dec 21 12:23:09 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	191700	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	710466	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	303260	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	475330	20.00	ng	0.00
76) Chrysene-d12	14.04	240	490482	20.00	ng	0.00
87) Perylene-d12	15.52	264	353206	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	88717	7.89	ng	0.00
7) Phenol-d6	6.51	99	113723	7.95	ng	-0.01
23) Nitrobenzene-d5	7.45	82	61955	5.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	20686	5.77	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	124441	5.98	ng	0.00
79) Terphenyl-d14	12.99	244	105618	4.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	10981	2.075	ng	# 86
3) Pyridine	3.47	79	25240	1.831	ng	# 90
4) n-Nitrosodimethylamine	3.38	42	18075	2.679	ng	# 70
6) Aniline	6.55	93	13586	0.745	ng	99
8) 2-Chlorophenol	6.67	128	32080	2.575	ng	99
9) Benzaldehyde	6.44	77	9818	0.997	ng	89
10) Phenol	6.52	94	47304	2.929	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	29781	2.461	ng	96
12) 1,3-Dichlorobenzene	6.84	146	37797	2.618	ng	94
13) 1,4-Dichlorobenzene	6.91	146	37054	2.531	ng	95
14) 1,2-Dichlorobenzene	7.07	146	36026m	2.637	ng	
15) Benzyl Alcohol	7.02	79	27482	2.418	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	50828	2.281	ng	97
17) 2-Methylphenol	7.13	107	24617	2.468	ng	94
18) Hexachloroethane	7.42	117	7714	1.563	ng	# 79
19) n-Nitroso-di-n-propylamine	7.29	70	22479	2.365	ng	94
20) 3+4-Methylphenols	7.29	107	33492	2.657	ng	# 81
22) Acetophenone	7.29	105	44839	2.491	ng	# 92
24) Nitrobenzene	7.46	77	32073	2.507	ng	94
25) Isophorone	7.70	82	58529	2.701	ng	96
26) 2-Nitrophenol	7.79	139	11314	2.181	ng	93
27) 2,4-Dimethylphenol	7.82	122	27232	2.663	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	35394	2.455	ng	98
29) 2,4-Dichlorophenol	8.03	162	25750	2.341	ng	92
30) 1,2,4-Trichlorobenzene	8.12	180	30139	2.459	ng	95
31) Naphthalene	8.20	128	91530	2.681	ng	96
32) Benzoic acid	7.86	122	9318	1.378	ng	89
33) 4-Chloroaniline	8.24	127	16943	1.148	ng	95
34) Hexachlorobutadiene	8.32	225	17178	2.299	ng	92
35) Caprolactam	8.56	113	6756m	1.812	ng	
36) 4-Chloro-3-methylphenol	8.71	107	23195	2.145	ng	93
37) 2-Methylnaphthalene	8.89	142	60418	2.720	ng	96
38) 1-Methylnaphthalene	8.99	142	55701	2.611	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	27139	2.723	ng	# 97

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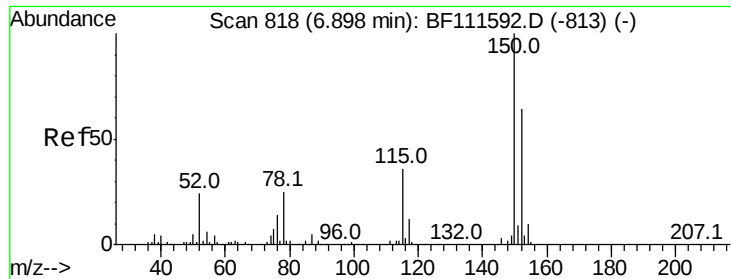
Manual Integrations
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 12/21/2018 2:46:59 PM

Quant Time: Dec 21 12:23:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	2122	0.439	nq	85
43) 2,4,6-Trichlorophenol	9.16	196	15422	2.318	nq	90
44) 2,4,5-Trichlorophenol	9.20	196	16001	2.344	nq #	89
46) 1,1'-Biphenyl	9.35	154	70348	2.748	nq	93
47) 2-Chloronaphthalene	9.37	162	52256	2.576	nq	91
48) 2-Nitroaniline	9.46	65	14050	2.663	nq	90
49) Acenaphthylene	9.79	152	79914	2.699	nq	93
50) Dimethylphthalate	9.64	163	69114	3.117	nq	97
51) 2,6-Dinitrotoluene	9.70	165	10212	2.309	nq #	92
52) Acenaphthene	9.96	154	46488	2.545	nq	98
53) 3-Nitroaniline	9.86	138	6851	1.453	nq #	93
55) Dibenzofuran	10.13	168	69885	2.533	nq	91
56) 4-Nitrophenol	10.02	139	13160	3.657	nq	90
57) 2,4-Dinitrotoluene	10.10	165	9882	1.859	nq #	96
58) Fluorene	10.47	166	51886	2.609	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	12127	2.111	nq #	84
60) Diethylphthalate	10.34	149	55413	2.547	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	26450	2.408	nq	90
62) 4-Nitroaniline	10.47	138	9685	2.113	nq	90
63) Azobenzene	10.63	77	46574	2.133	nq	95
65) 4,6-Dinitro-2-methylphenol	10.50	198	163	6.764	nq #	2
66) n-Nitrosodiphenylamine	10.58	169	43886	2.750	nq	97
67) 4-Bromophenyl-phenylether	10.96	248	15052	2.553	nq	91
68) Hexachlorobenzene	11.03	284	16348	2.487	nq	91
69) Atrazine	11.10	200	14776	2.666	nq	94
70) Pentachlorophenol	11.22	266	12851	3.162	nq	96
71) Phenanthrene	11.43	178	69942	2.775	nq	94
72) Anthracene	11.49	178	68331	2.701	nq	93
73) Carbazole	11.63	167	58394	2.377	nq	94
74) Di-n-butylphthalate	11.97	149	68777	2.497	nq	97
75) Fluoranthene	12.62	202	69836	2.736	nq	95
77) Benzidine	12.72	184	2960	0.160	nq #	67
78) Pyrene	12.85	202	72760	2.101	nq	93
80) Butylbenzylphthalate	13.47	149	29875	2.116	nq #	86
81) Benzo(a)anthracene	14.04	228	75147	2.685	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	10194	0.922	nq #	98
83) Chrysene	14.07	228	69152	2.514	nq	97
84) Bis(2-ethylhexyl)phthalate	14.03	149	41342	2.325	nq #	98
85) Di-n-octyl phthalate	14.64	149	73243	2.658	nq #	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	43266	1.850	nq #	90
88) Benzo(b)fluoranthene	15.09	252	55629m	2.695	nq	
89) Benzo(k)fluoranthene	15.12	252	53550	2.725	nq	97
90) Benzo(a)pyrene	15.45	252	48299	2.575	nq	97
91) Dibenzo(a,h)anthracene	17.02	278	37871	2.306	nq #	87
92) Benzo(g,h,i)perylene	17.44	276	34397	2.145	nq	92

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



#1

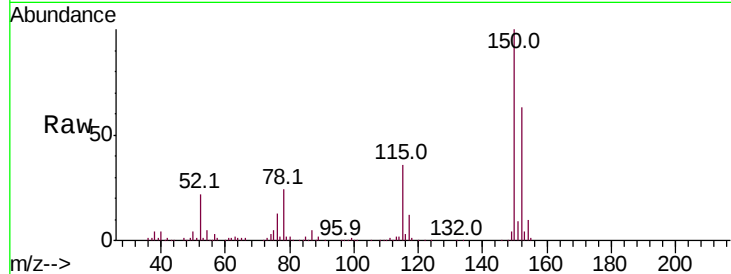
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	56.7	50.7	76.1

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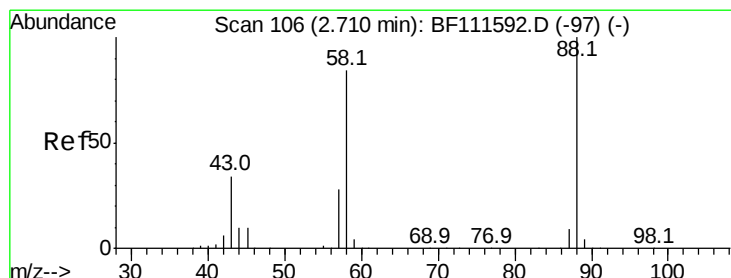
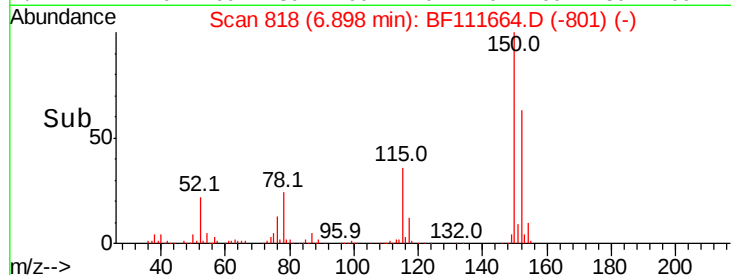
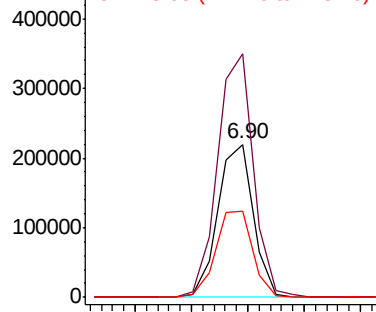


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

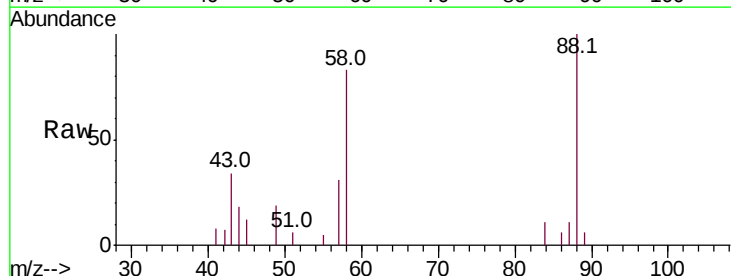
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.075 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	68.9	103.3
43	60.9	25.8	38.6

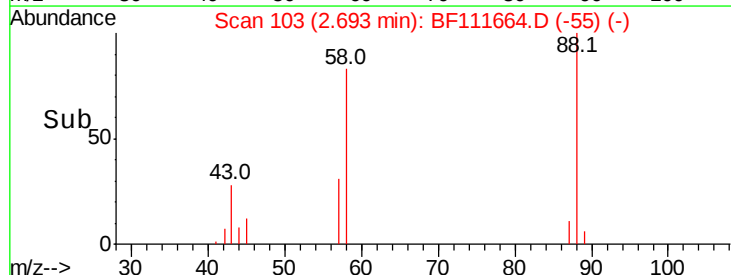
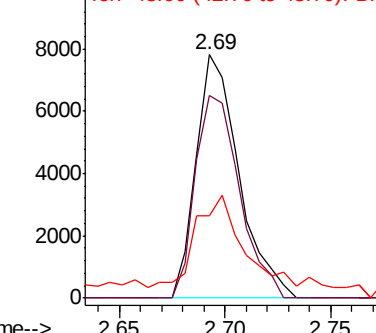


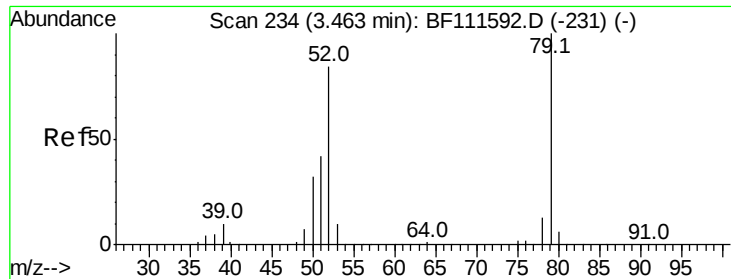
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 1.831 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

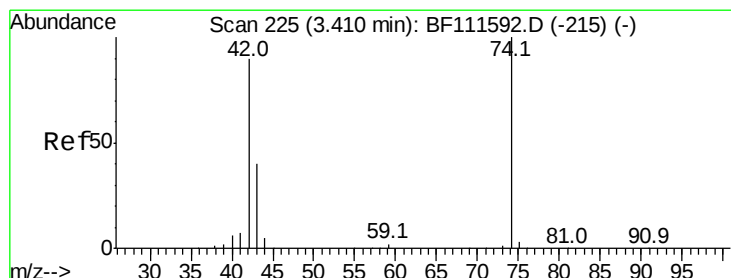
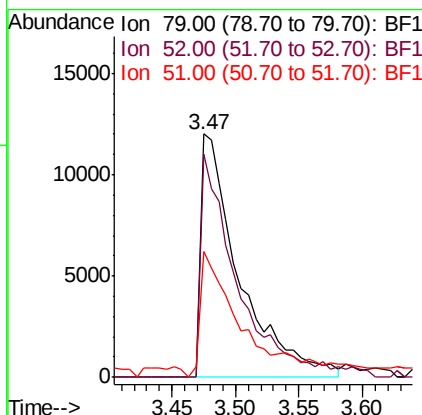
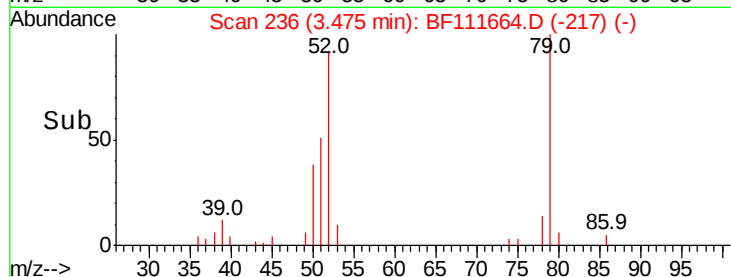
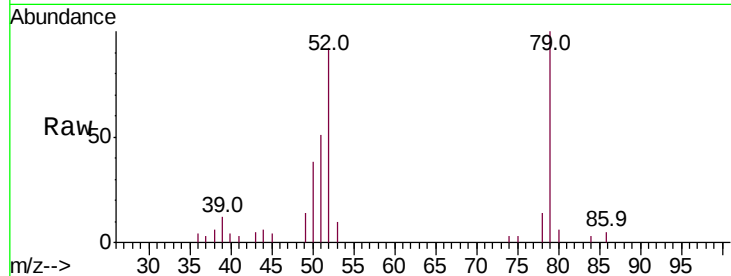
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	79	Resp:	25240
Ion Ratio	Lower	Upper	
79	100		
52	91.6	68.3	102.5
51	51.5	32.6	49.0#

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#4

n-Nitrosodimethylamine

Concen: 2.679 ng

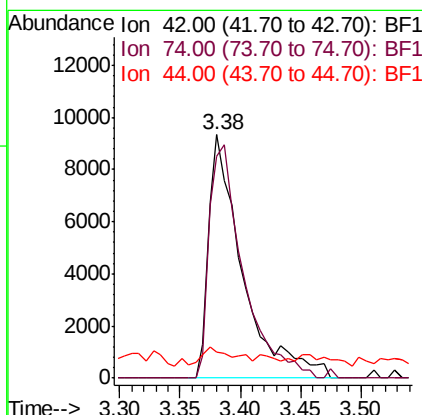
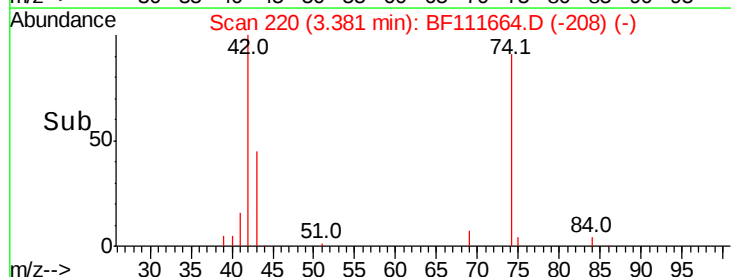
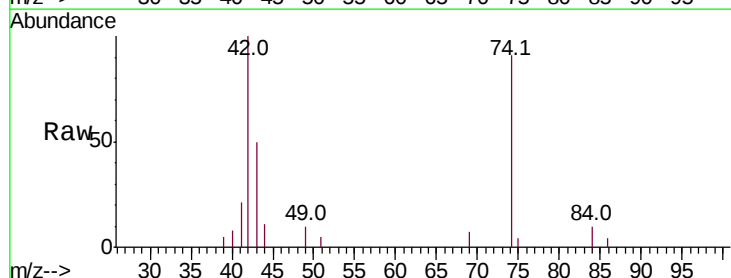
RT: 3.38 min Scan# 220

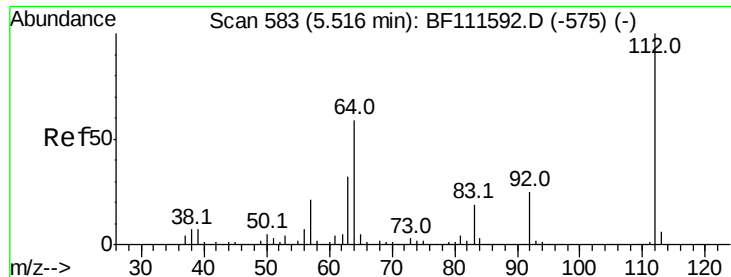
Delta R.T. -0.03 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	42	Resp:	18075
Ion Ratio	Lower	Upper	
42	100		
74	91.3	101.5	152.3#
44	10.5	6.0	9.0#





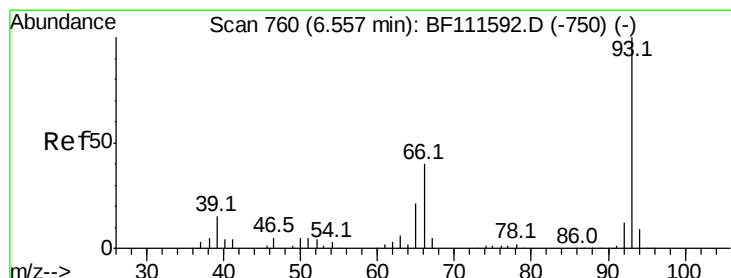
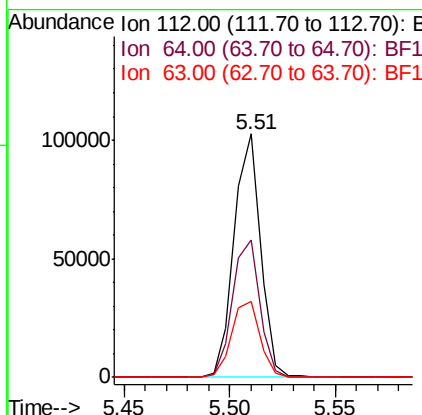
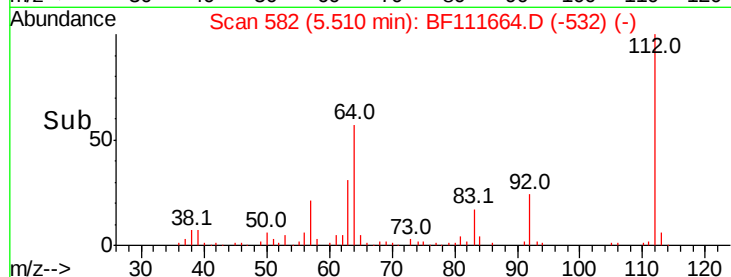
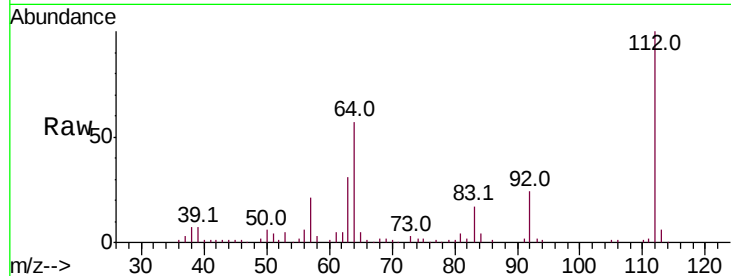
#5
2-Fluorophenol
Concen: 7.888 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion:	112	Resp:	88717
Ion Ratio	Lower	Upper	
112	100		
64	56.5	51.8	77.6
63	31.0	26.8	40.2

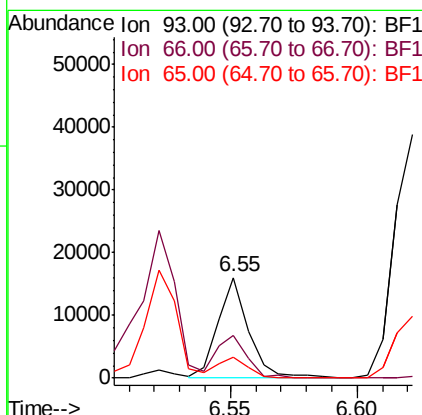
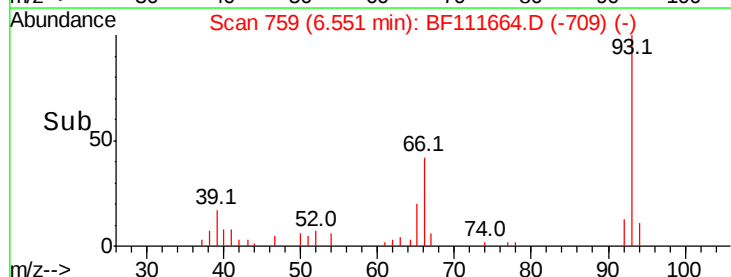
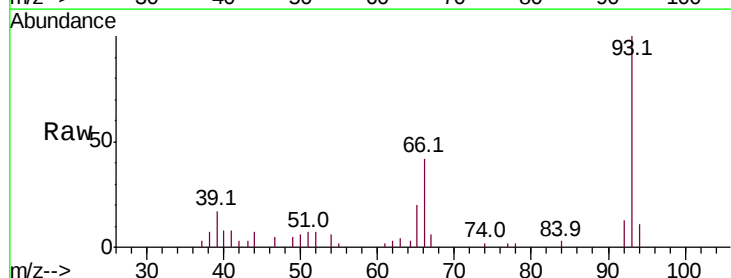
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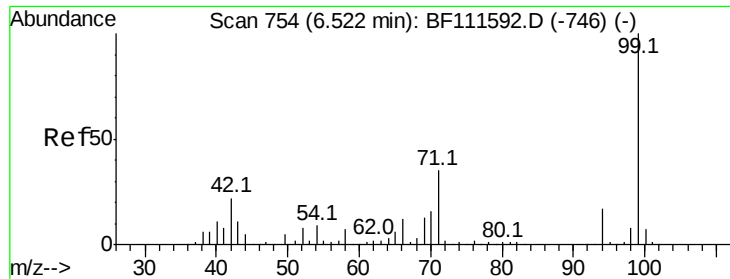
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#6
Aniline
Concen: 0.745 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:	93	Resp:	13586
Ion Ratio	Lower	Upper	
93	100		
66	41.9	33.2	49.8
65	20.3	17.0	25.4





#7

Phenol-d6

Concen: 7.946 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

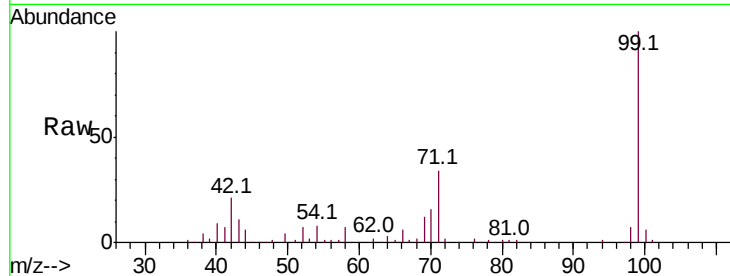
ClientSampleId :

P001-SS025-1218-01MSD

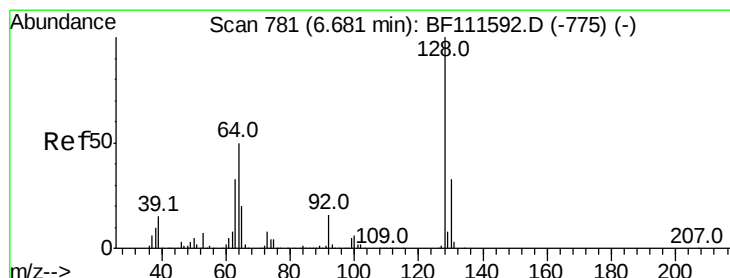
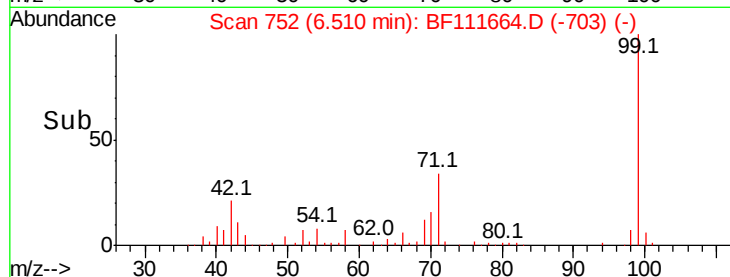
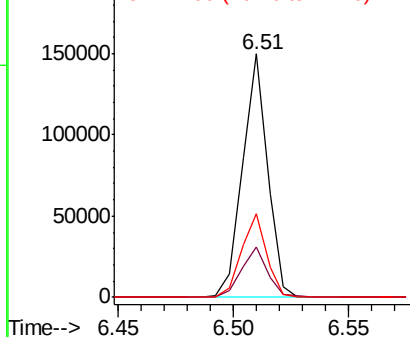
Tot Ion	Ratio	Resp	Lower	Upper
99	100	113723		
42	20.6	17.4	26.0	
71	34.4	26.1	39.1	

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 2.575 ng

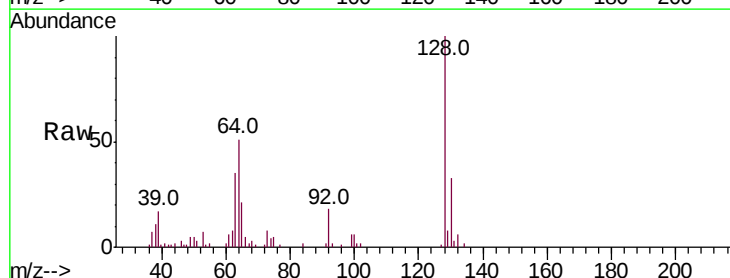
RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

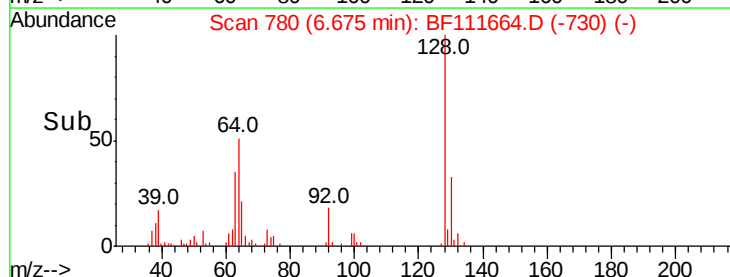
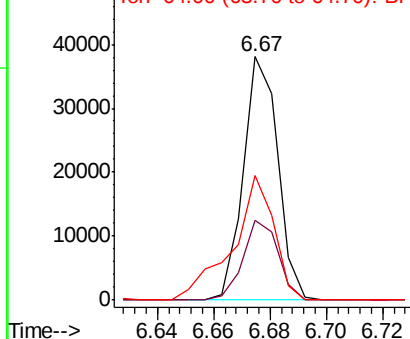
Lab File: BF111664.D

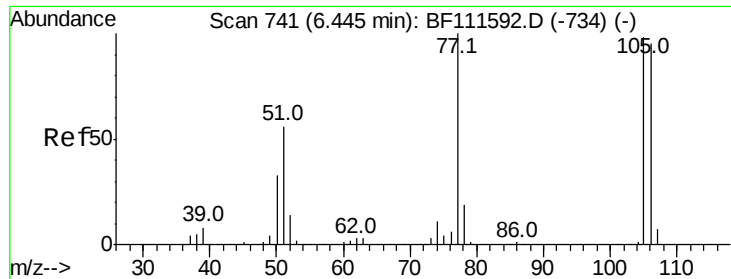
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	32080		
130	32.6	12.7	52.7	
64	51.0	30.0	70.0	



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 0.997 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

ClientSampleId :

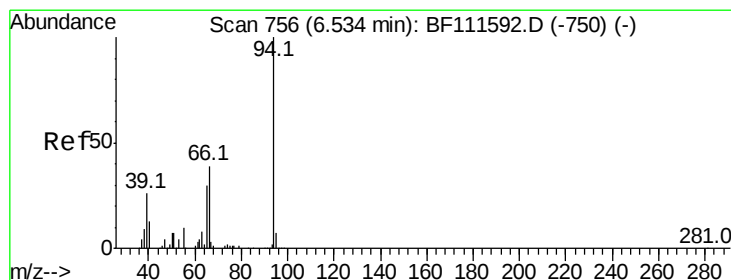
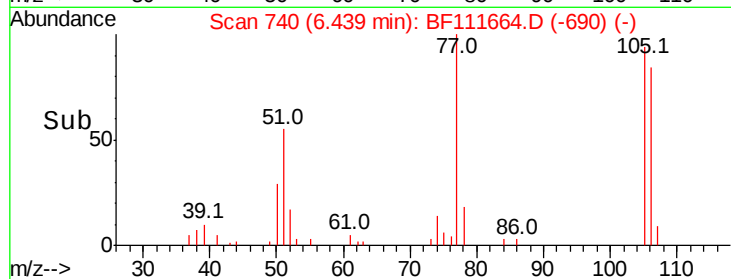
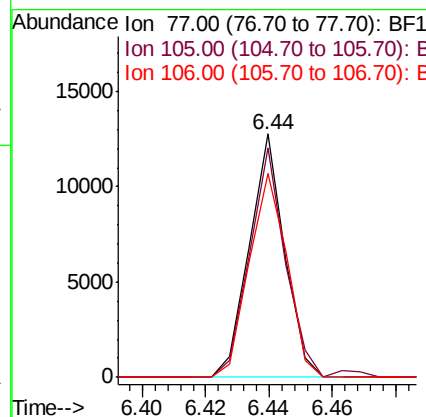
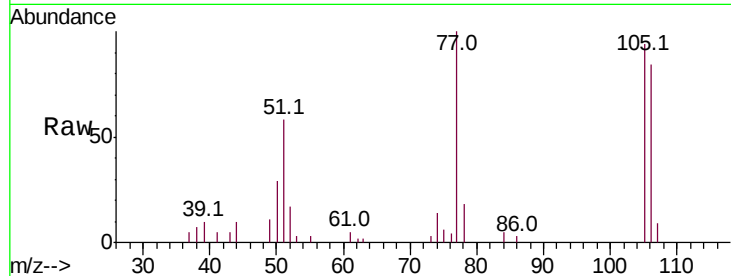
P001-SS025-1218-01MSD

Tot Ion: 77 Resp: 9818

Ion	Ratio	Lower	Upper
77	100		
105	94.3	81.4	121.4
106	83.9	77.9	117.9

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#10

Phenol

Concen: 2.929 ng

RT: 6.52 min Scan# 754

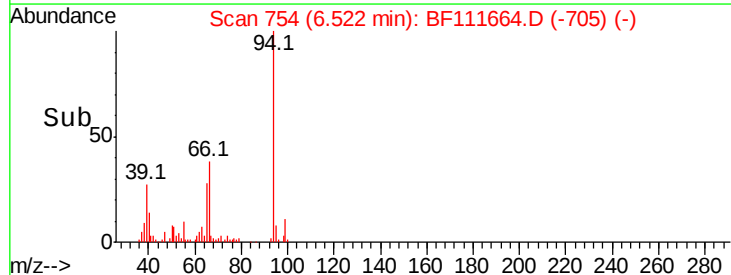
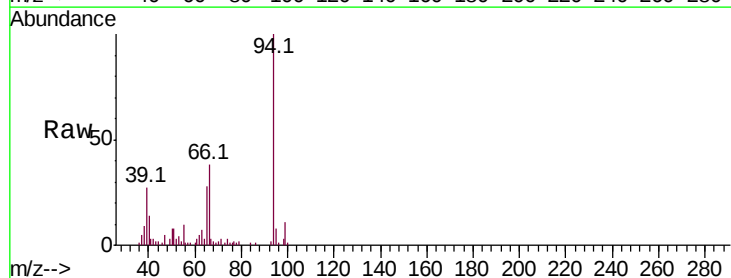
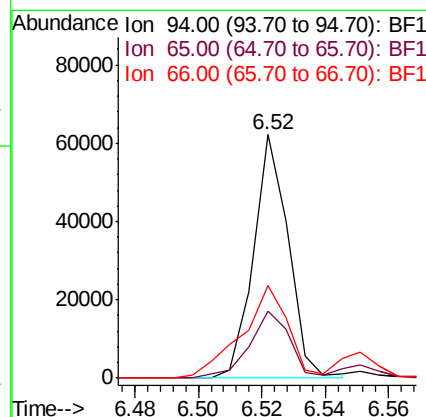
Delta R.T. -0.01 min

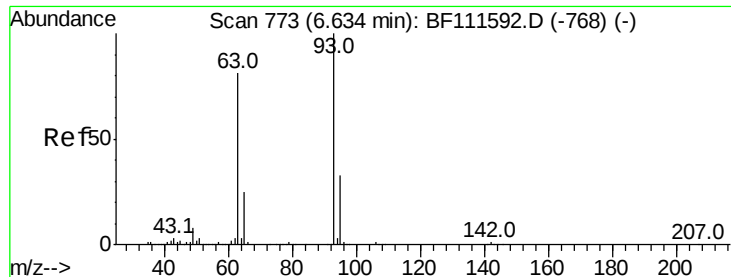
Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion: 94 Resp: 47304

Ion	Ratio	Lower	Upper
94	100		
65	27.7	11.7	51.7
66	37.8	21.0	61.0





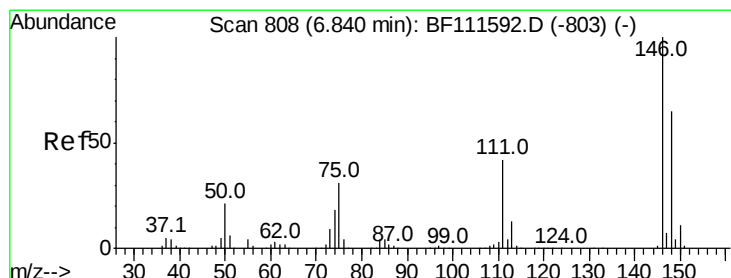
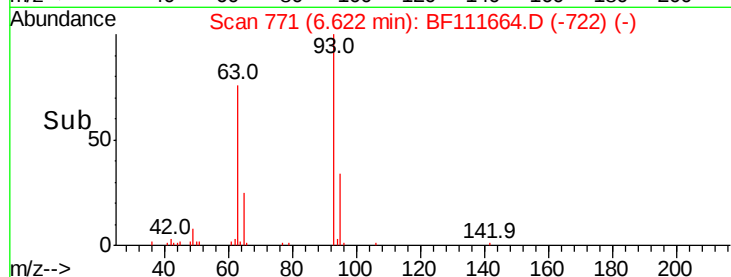
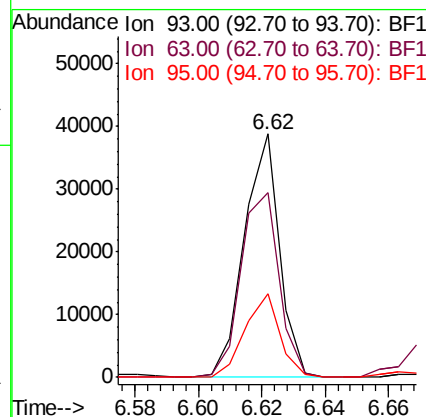
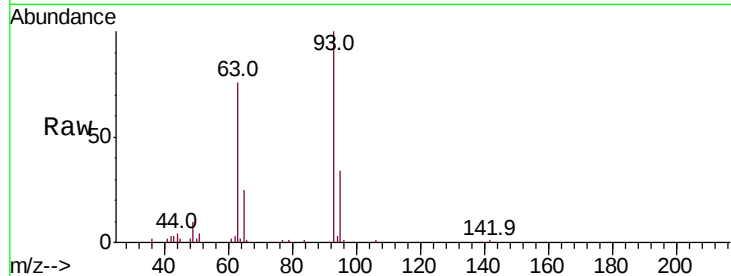
#11
bis(2-Chloroethyl)ether
Concen: 2.461 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion:	93	Resp:	29781
Ion Ratio	Lower	Upper	
93	100		
63	76.1	60.0	100.0
95	34.3	13.4	53.4

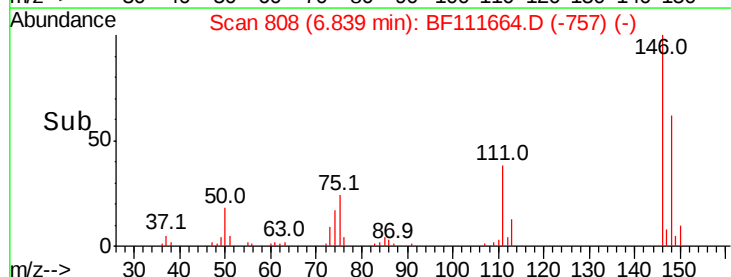
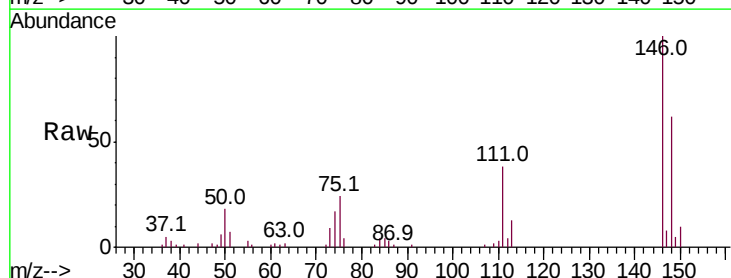
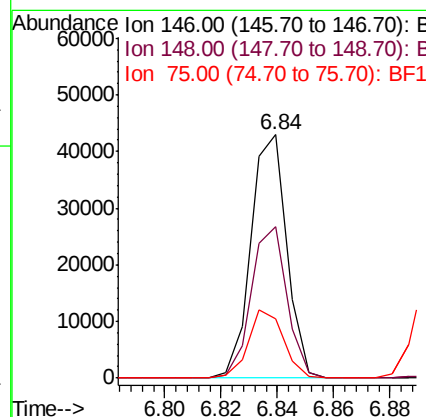
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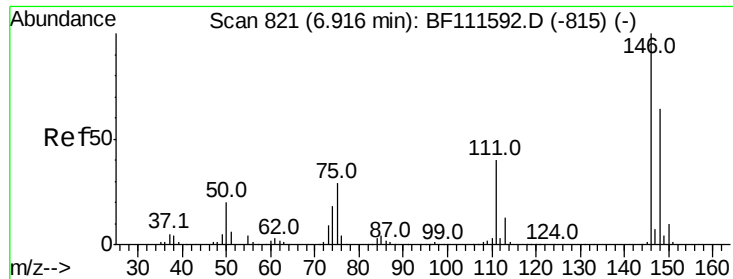
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#12
1,3-Dichlorobenzene
Concen: 2.618 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:	146	Resp:	37797
Ion Ratio	Lower	Upper	
146	100		
148	62.2	52.1	78.1
75	24.4	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 2.531 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

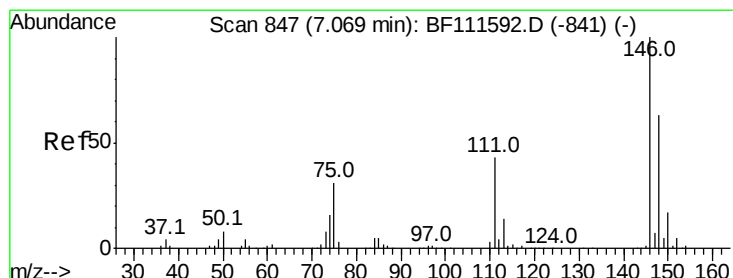
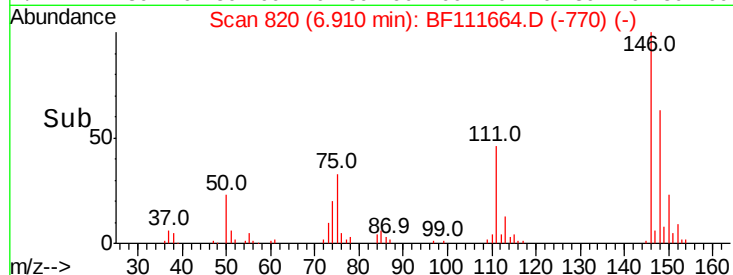
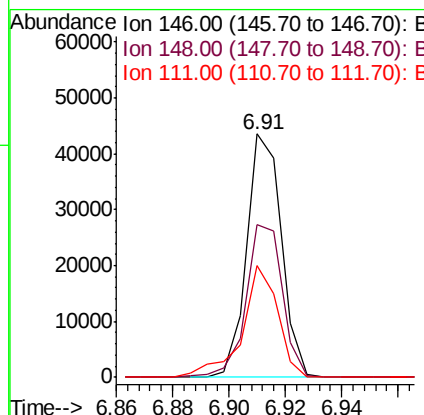
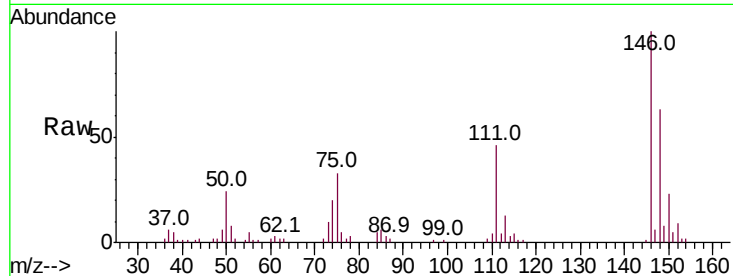
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	146	Resp:	37054
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.8	79.2
111	45.8	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 2.637 ng m

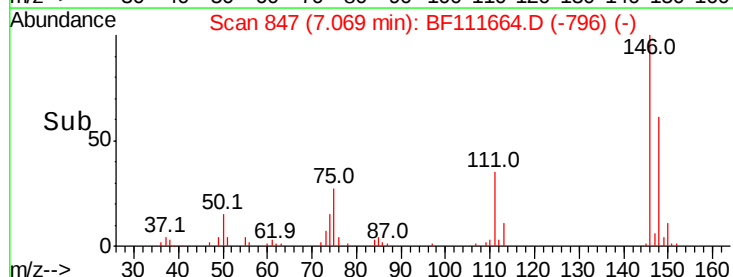
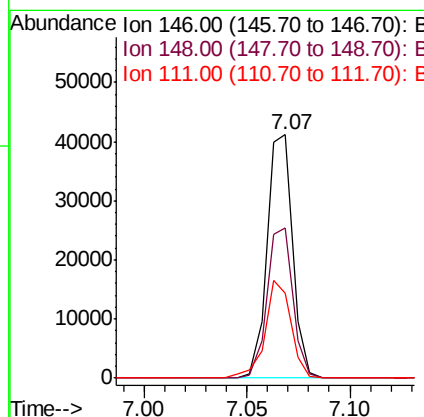
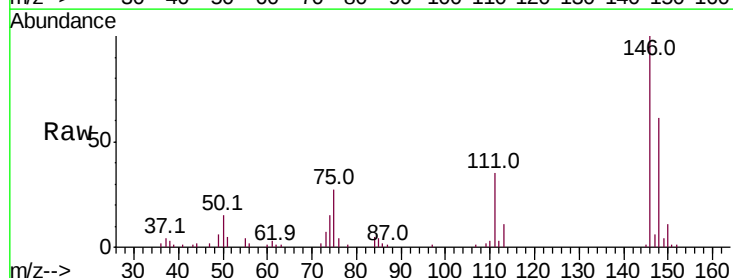
RT: 7.07 min Scan# 847

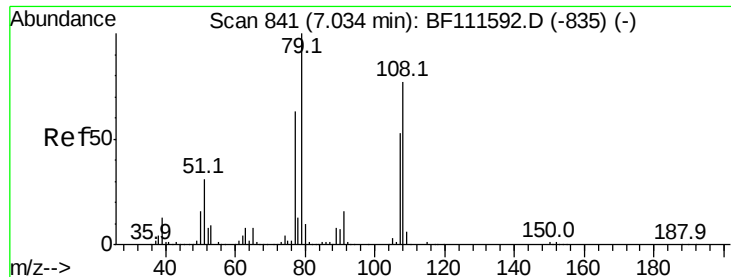
Delta R.T. -0.00 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	146	Resp:	36026
Ion Ratio	Lower	Upper	
146	100		
148	61.4	51.9	77.9
111	34.7	36.2	54.4#





#15

Benzyl Alcohol

Concen: 2.418 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

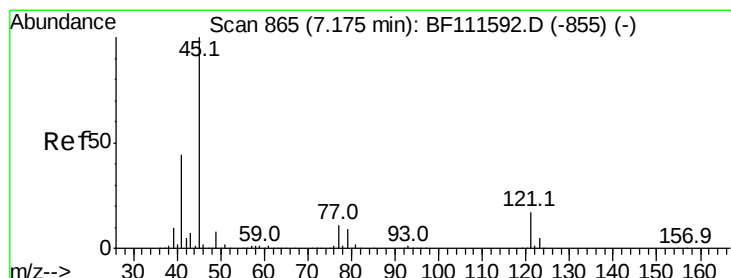
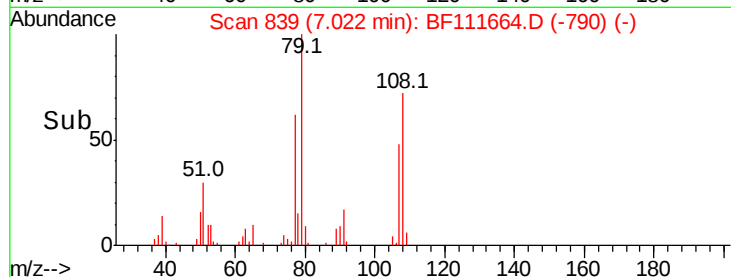
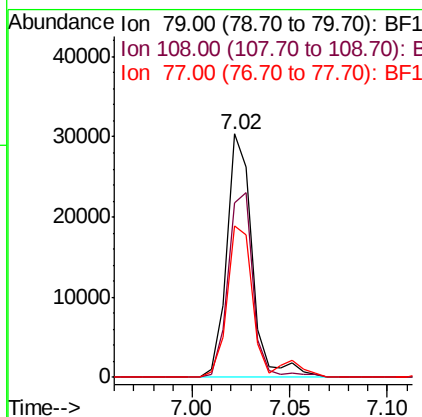
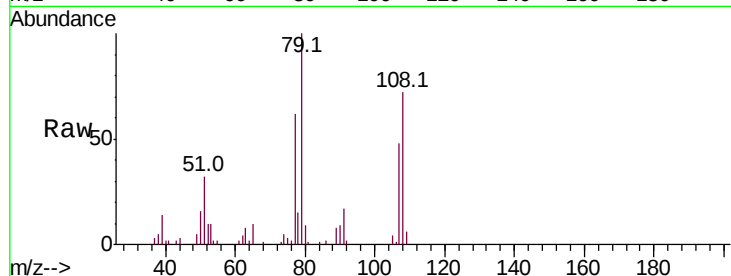
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	79	Resp:	27482
Ion Ratio	Lower	Upper	
79	100		
108	71.5	69.4	104.2
77	62.4	49.7	74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 2.281 ng

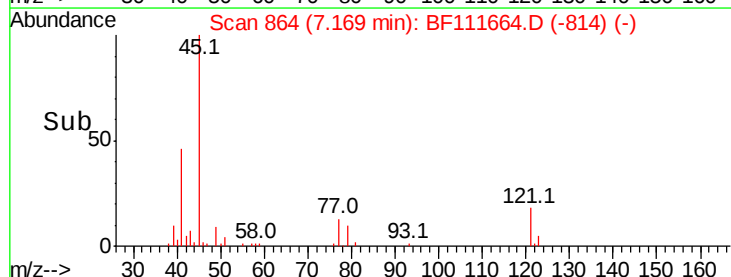
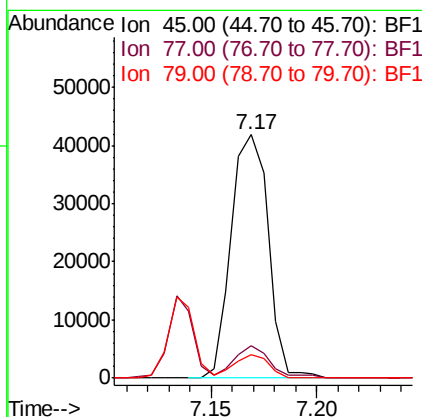
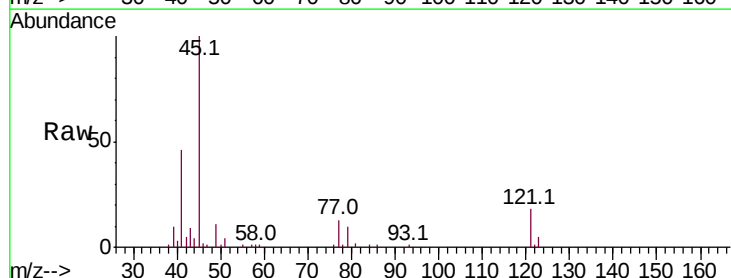
RT: 7.17 min Scan# 864

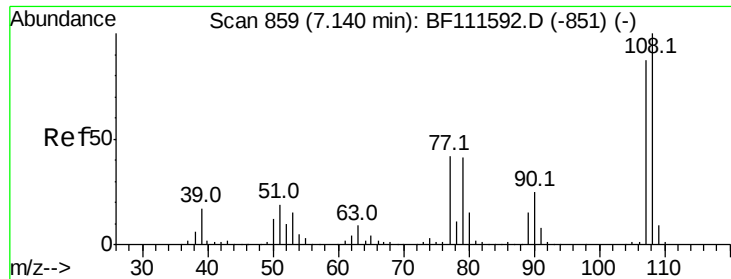
Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	45	Resp:	50828
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	31.5
79	9.7	0.0	28.9





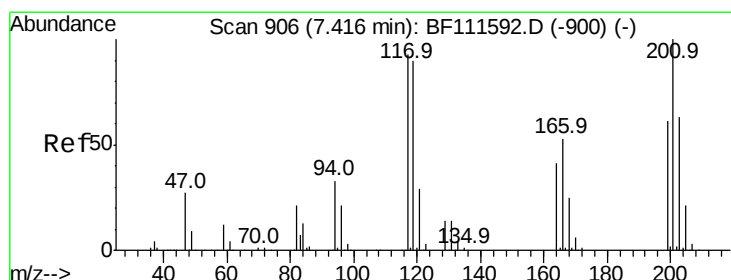
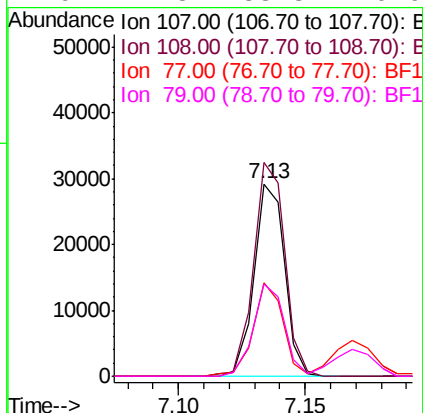
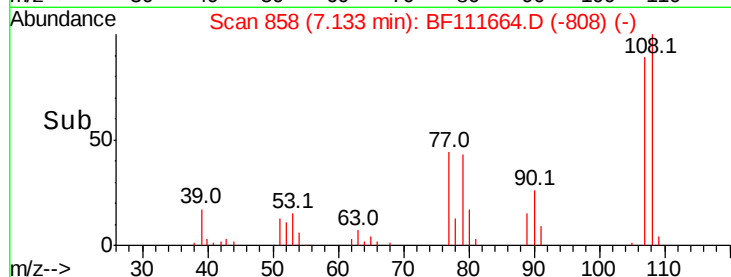
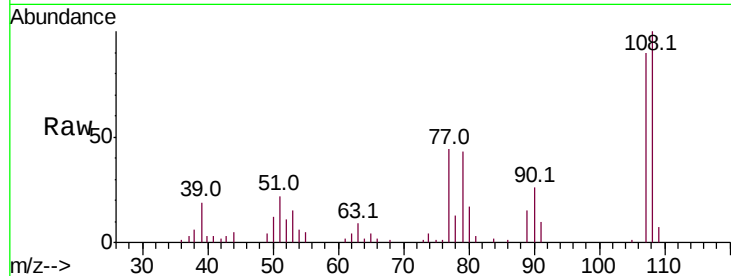
#17
2-Methylphenol
Concen: 2.468 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	91.0	136.4
77	48.5	33.5	50.3
79	47.8	33.3	49.9

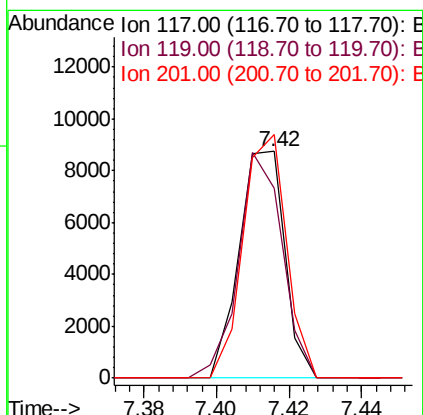
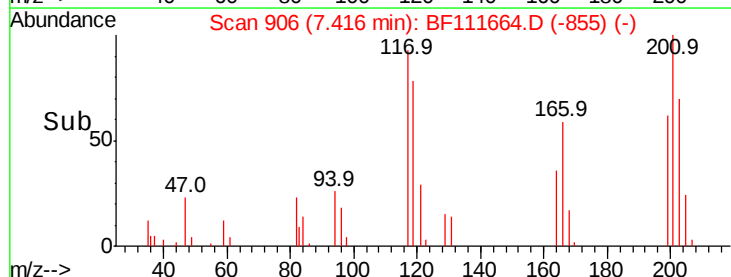
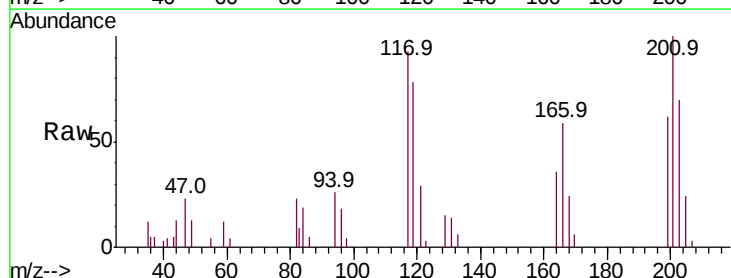
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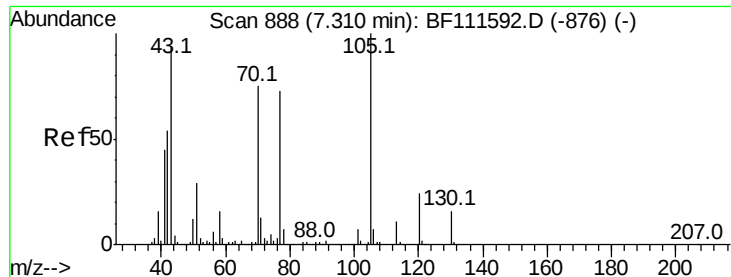
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#18
Hexachloroethane
Concen: 1.563 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.8	75.4	113.0
201	107.3	62.4	93.6#





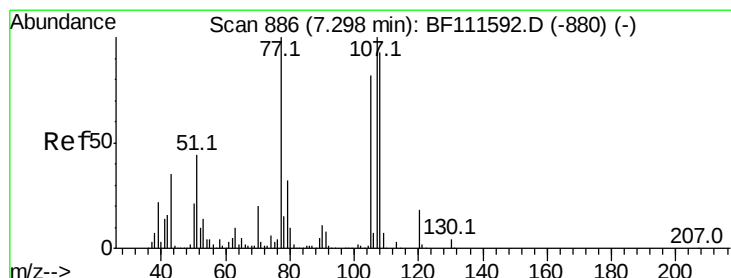
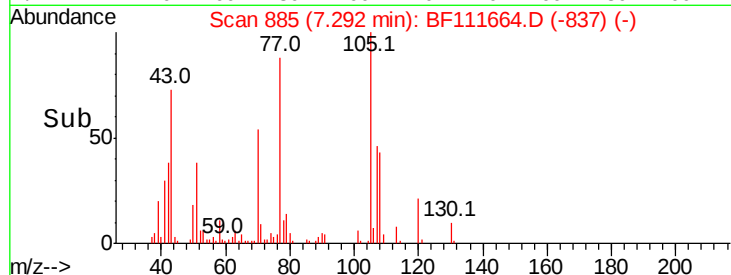
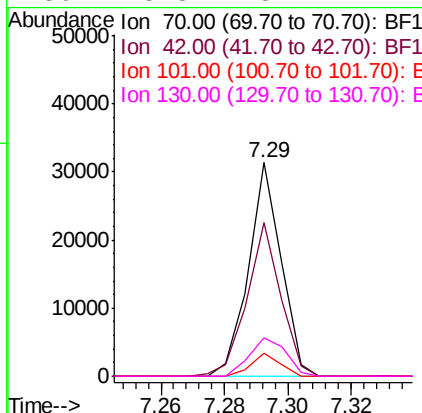
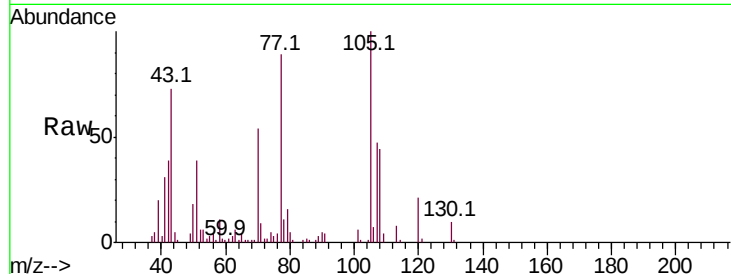
#19
n-Nitroso-di-n-propylamine
Concen: 2.365 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.6	53.2	79.8
101	10.8	8.2	12.4
130	18.3	18.1	27.1

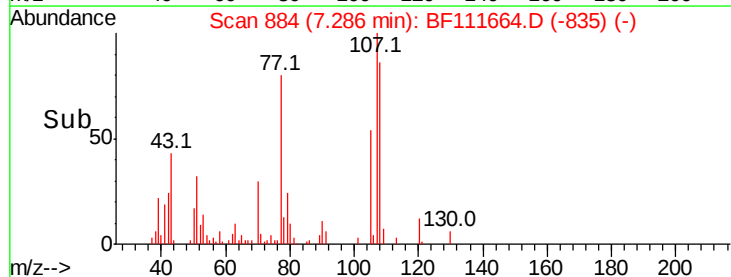
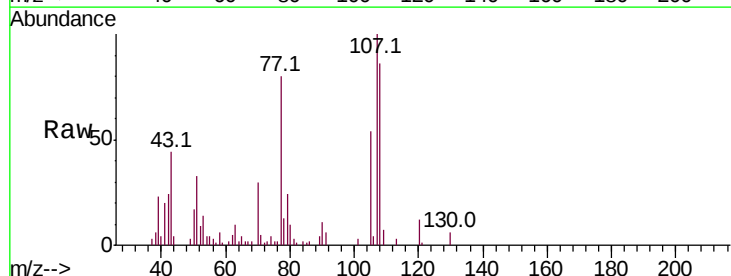
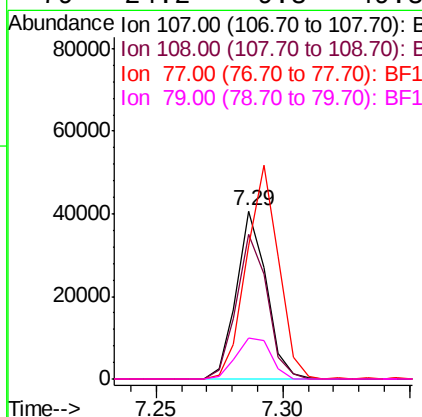
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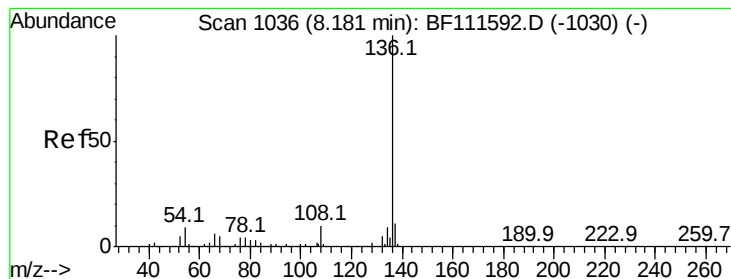
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#20
3+4-Methylphenols
Concen: 2.657 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	72.1	112.1
77	79.7	94.1	134.1#
79	24.2	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

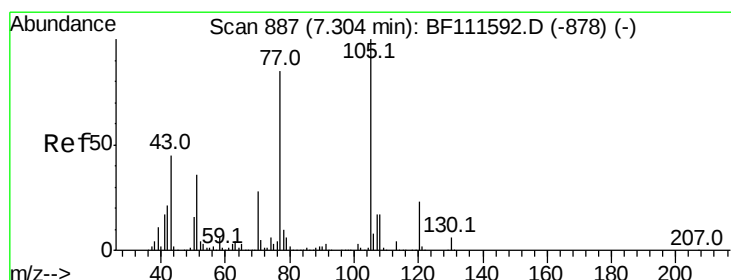
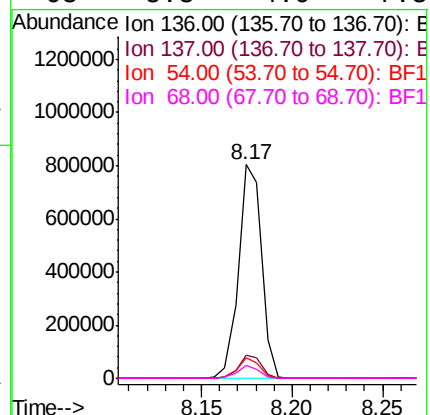
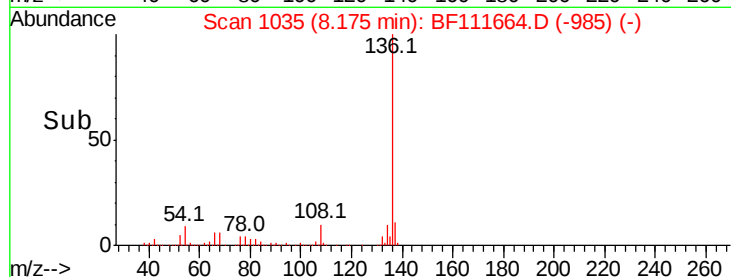
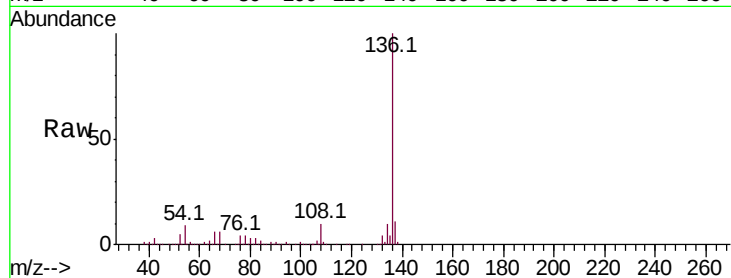
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	9.4	7.7	11.5	
68	5.8	4.9	7.3	

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#22

Acetophenone

Concen: 2.491 ng

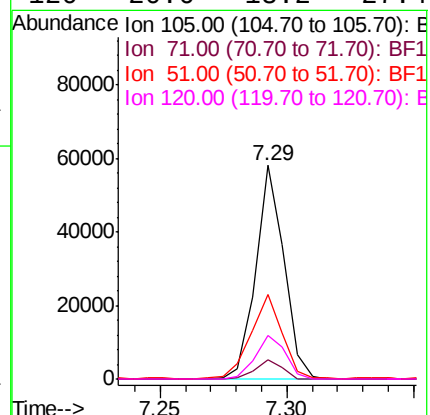
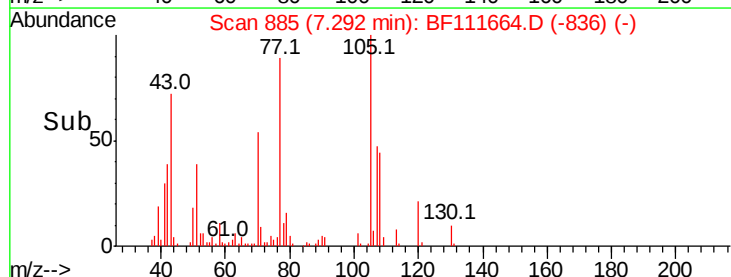
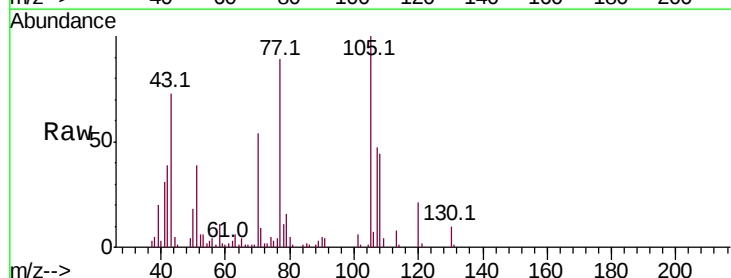
RT: 7.29 min Scan# 885

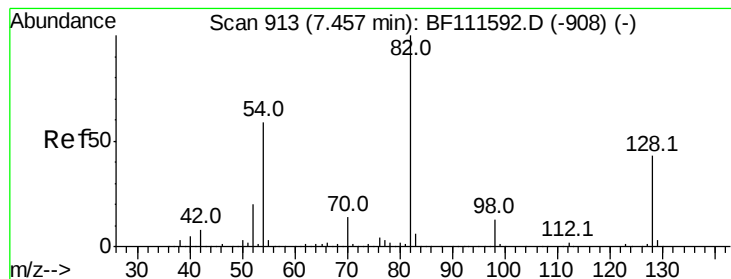
Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	3.1	4.7#	
51	39.5	36.6	54.8	
120	20.6	18.2	27.4	





#23

Nitrobenzene-d5

Concen: 5.076 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

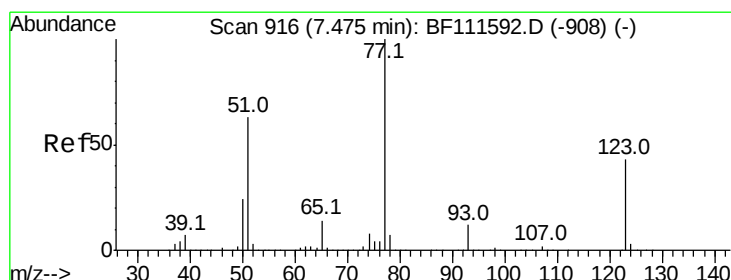
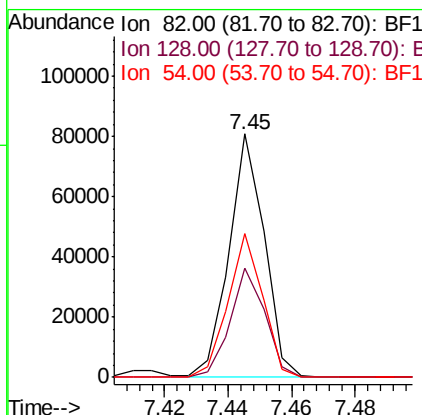
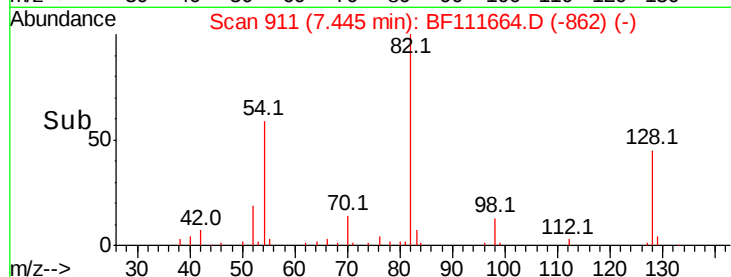
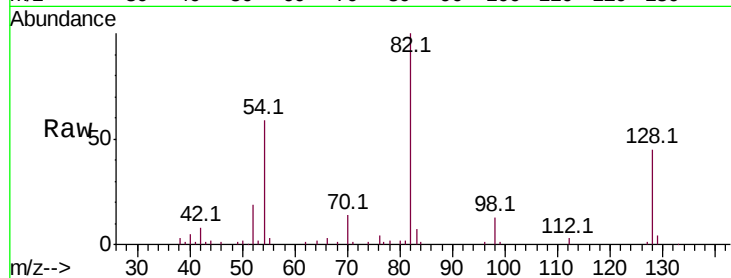
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	82	Resp:	61955
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.4	56.2
54	59.0	47.6	71.4

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#24

Nitrobenzene

Concen: 2.507 ng

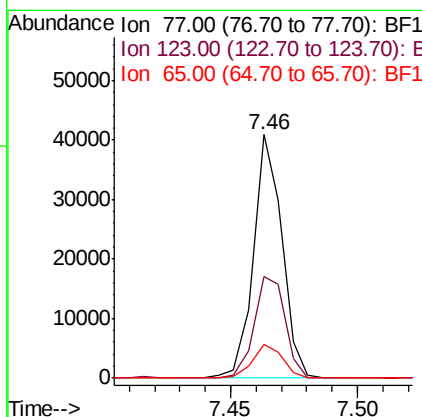
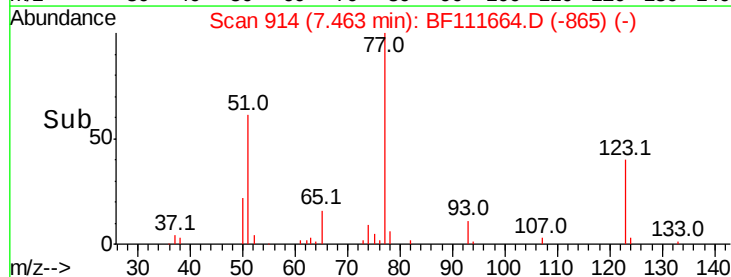
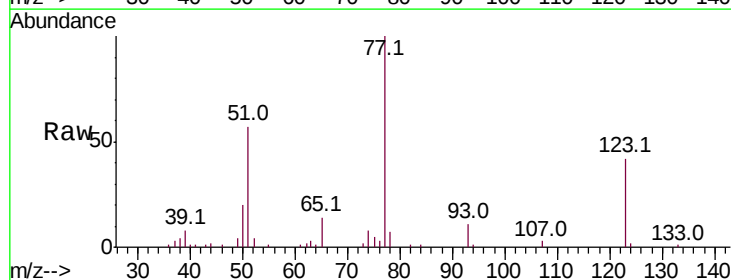
RT: 7.46 min Scan# 914

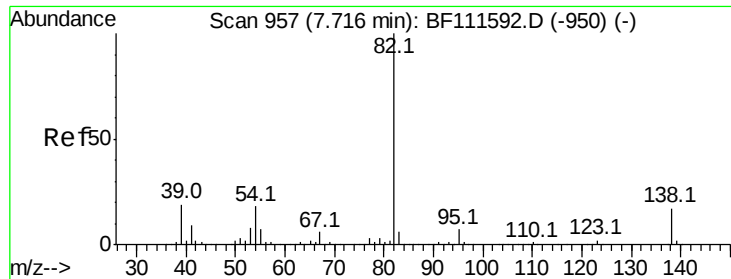
Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	77	Resp:	32073
Ion Ratio	Lower	Upper	
77	100		
123	41.8	37.2	55.8
65	14.0	11.5	17.3





#25

Isophorone

Concen: 2.701 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

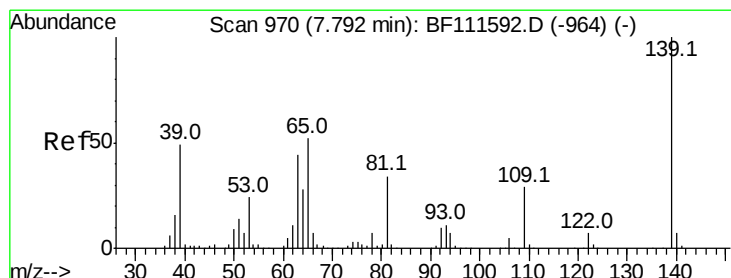
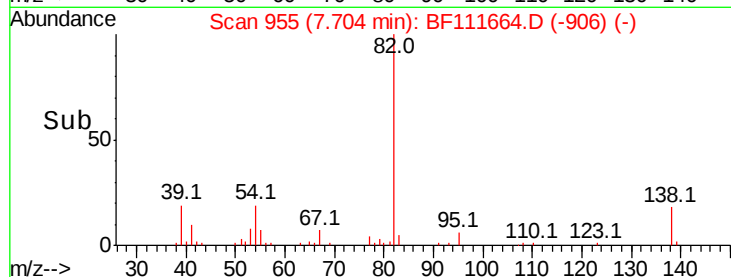
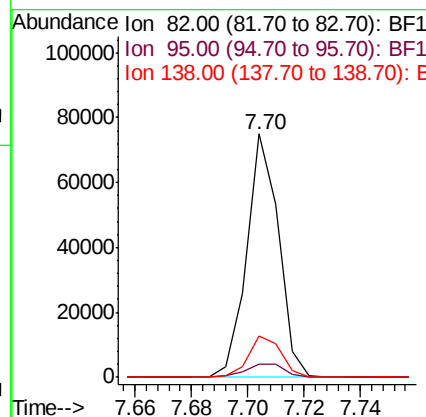
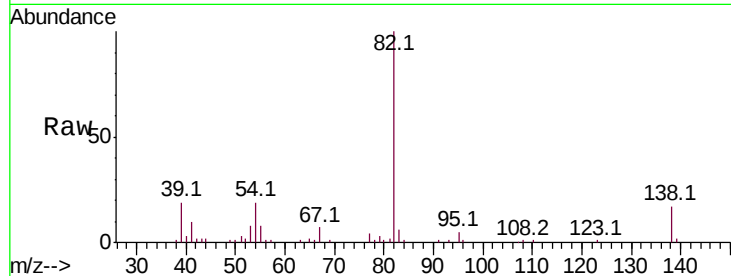
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	82	Resp:	58529
Ion Ratio	Lower	Upper	
82	100		
95	5.5	5.4	8.2
138	17.1	15.1	22.7

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#26

2-Nitrophenol

Concen: 2.181 ng

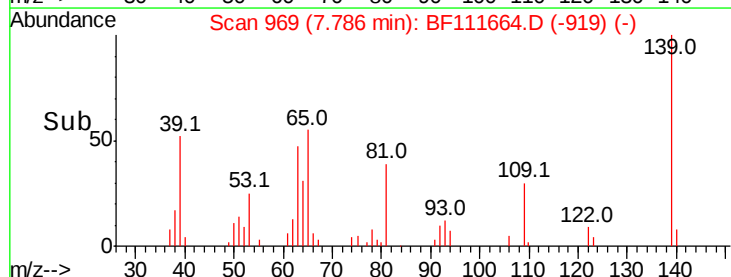
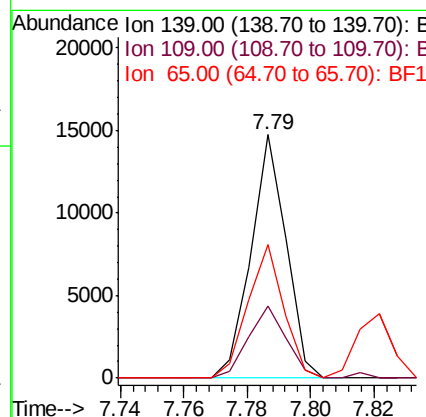
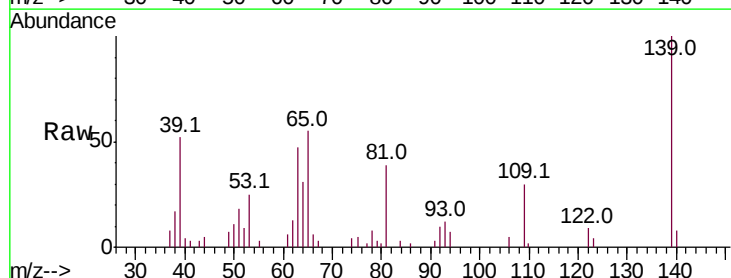
RT: 7.79 min Scan# 969

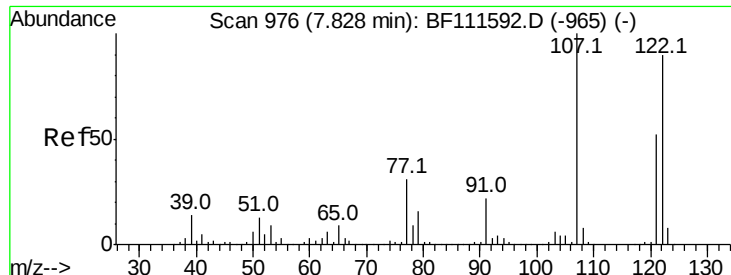
Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	139	Resp:	11314
Ion Ratio	Lower	Upper	
139	100		
109	29.8	20.2	30.4
65	55.1	40.7	61.1





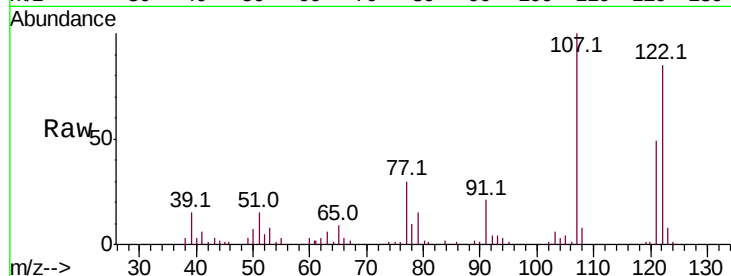
#27
2,4-Dimethylphenol
Concen: 2.663 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	85.5	128.3
121	57.9	46.6	70.0

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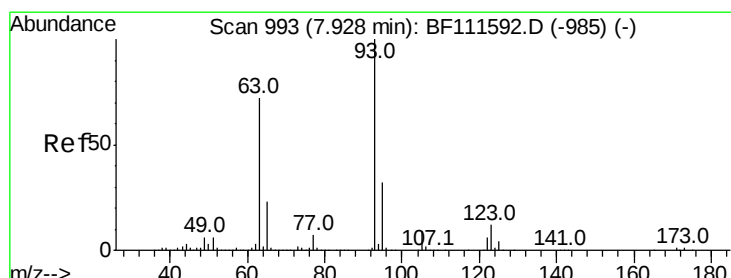
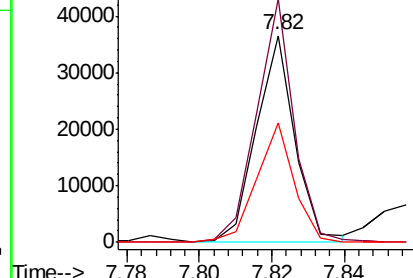
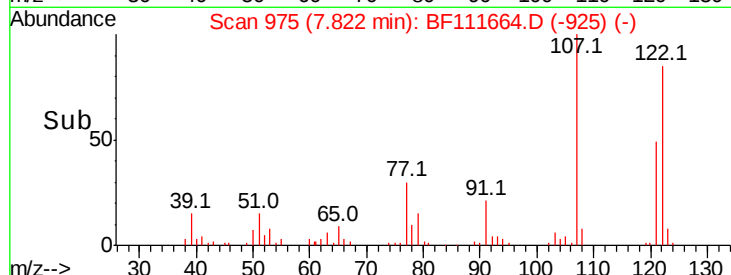


Abundance

Ion 122.00 (121.70 to 122.70): E

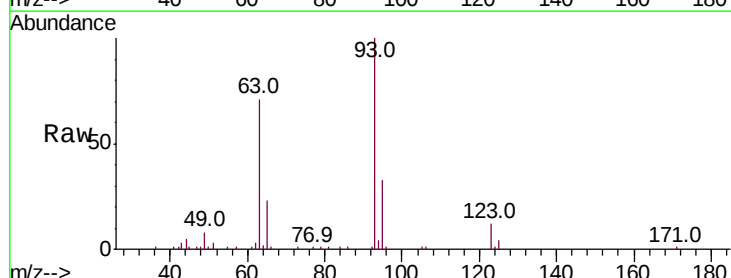
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 2.455 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.1	40.7
123	11.6	9.9	14.9

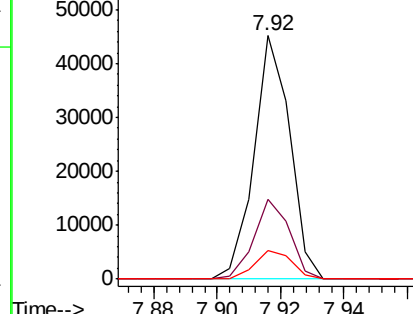
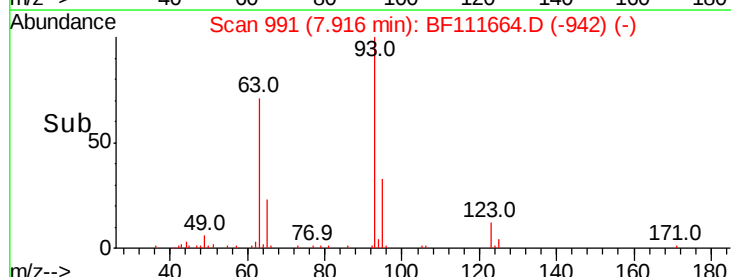


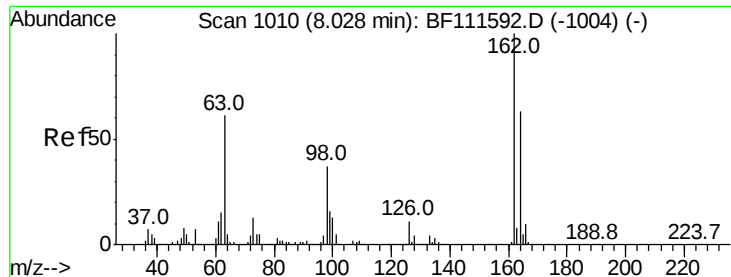
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





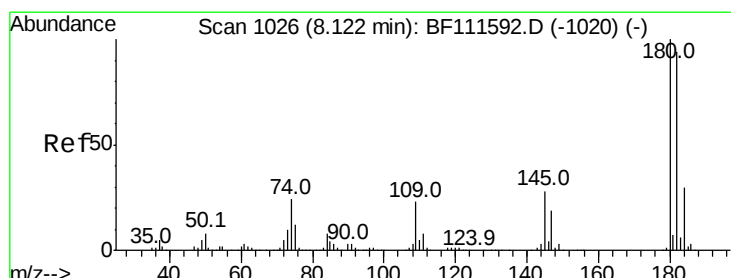
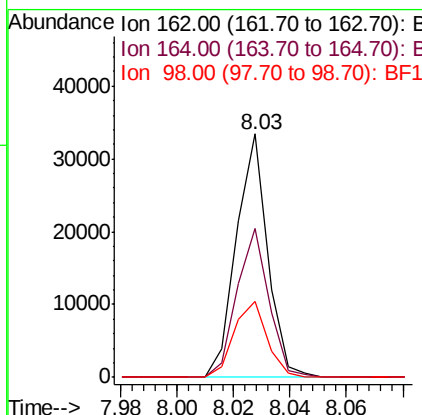
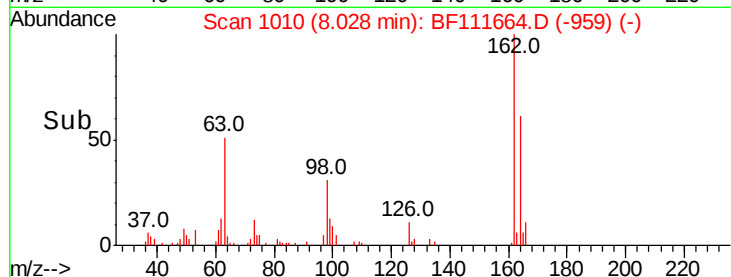
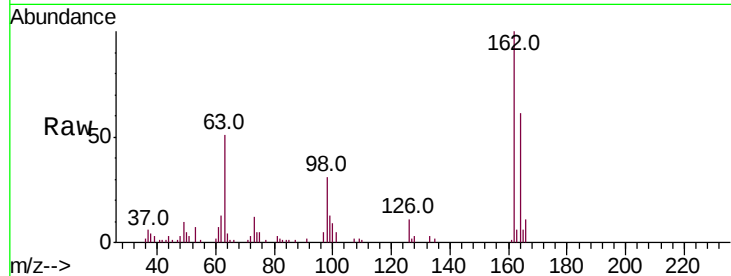
#29
2,4-Dichlorophenol
Concen: 2.341 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	44.4	84.4
98	31.4	20.3	60.3

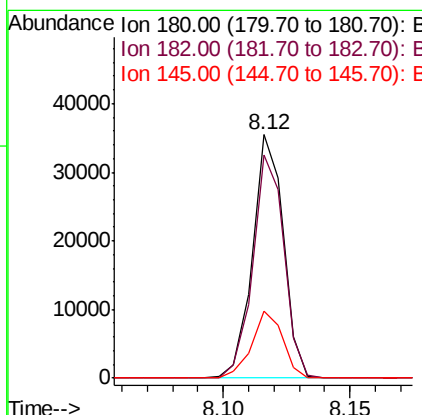
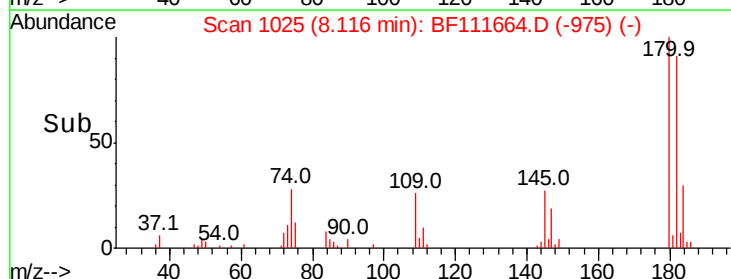
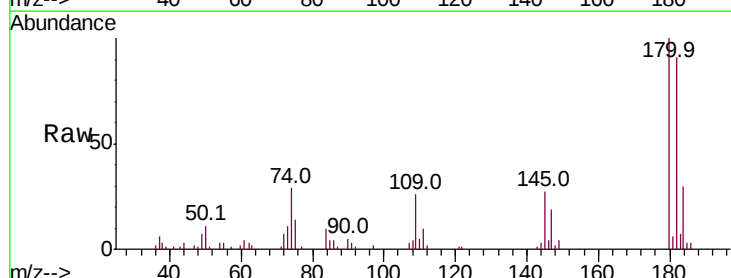
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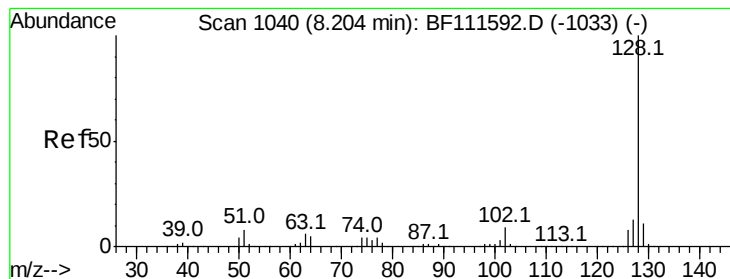
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#30
1,2,4-Trichlorobenzene
Concen: 2.459 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	75.6	113.4
145	27.4	26.7	40.1





#31

Naphthalene

Concen: 2.681 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

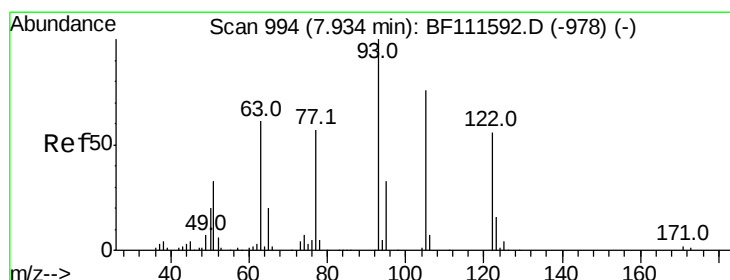
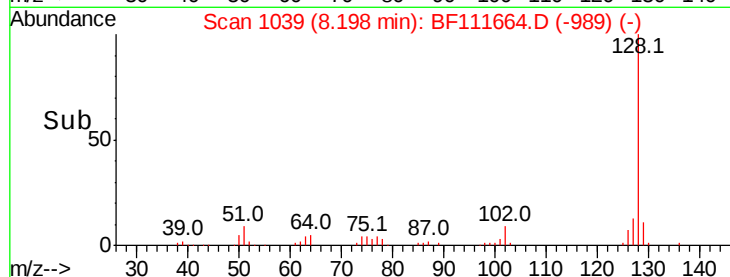
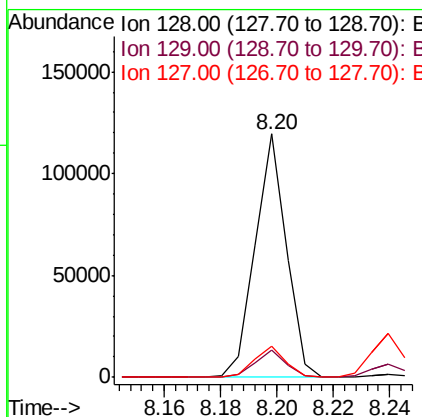
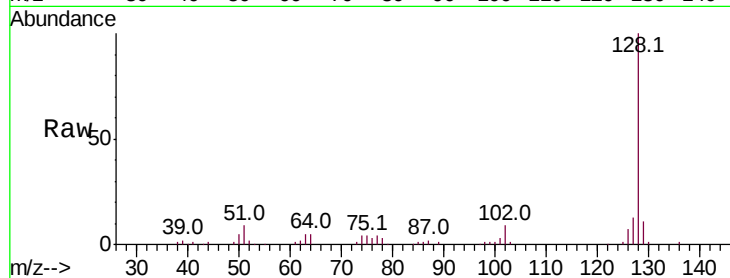
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	128	Resp:	91530
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.8	14.8
127	13.0	12.0	18.0

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#32

Benzoic acid

Concen: 1.378 ng

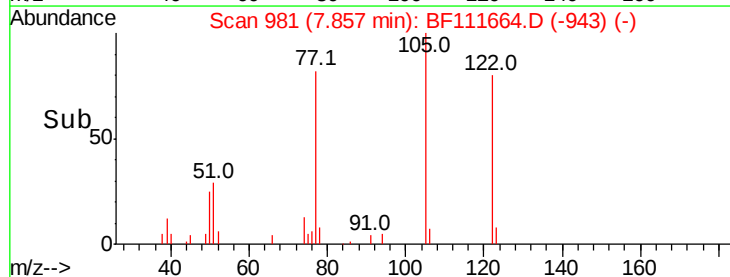
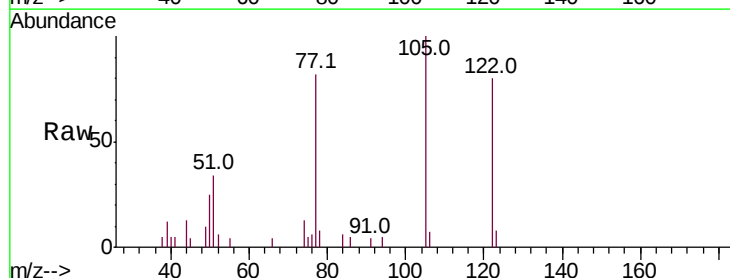
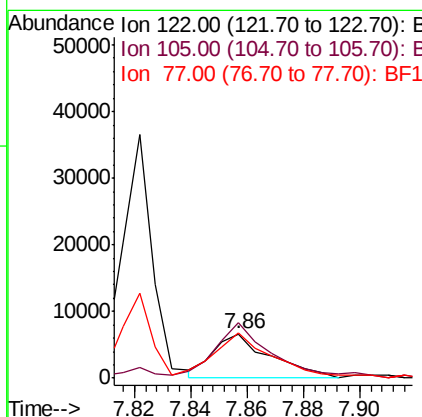
RT: 7.86 min Scan# 981

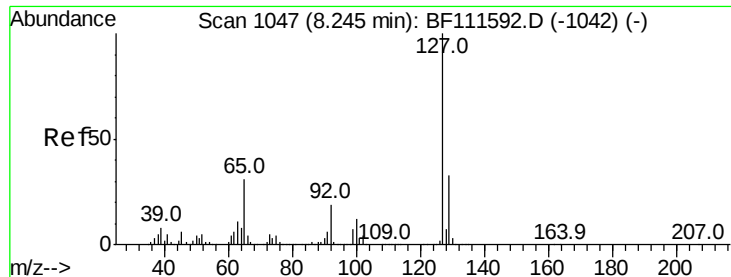
Delta R.T. -0.08 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	122	Resp:	9318
Ion Ratio	Lower	Upper	
122	100		
105	124.3	97.0	137.0
77	101.5	65.7	105.7





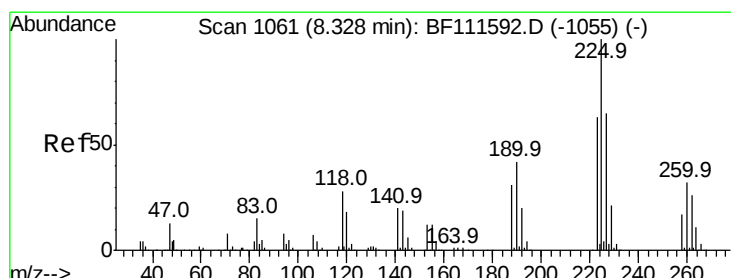
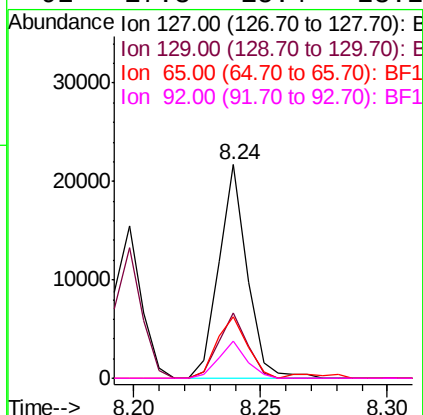
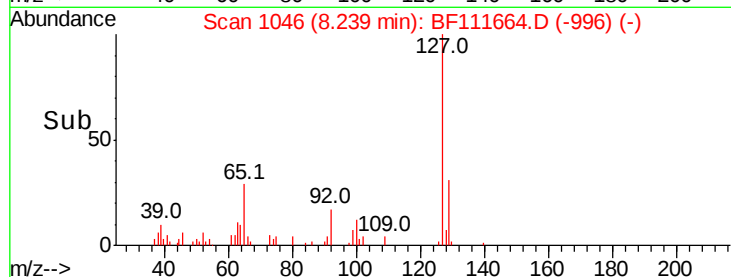
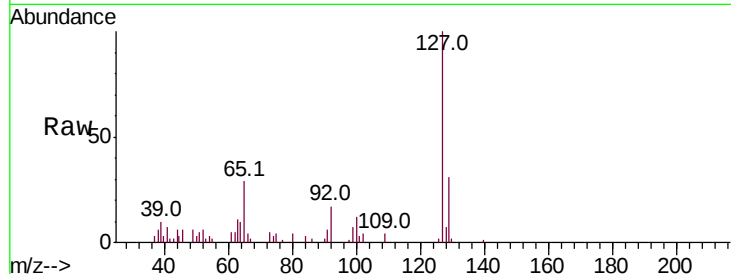
#33
4-Chloroaniline
Concen: 1.148 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.6	39.8
65	28.8	25.7	38.5
92	17.3	15.4	23.2

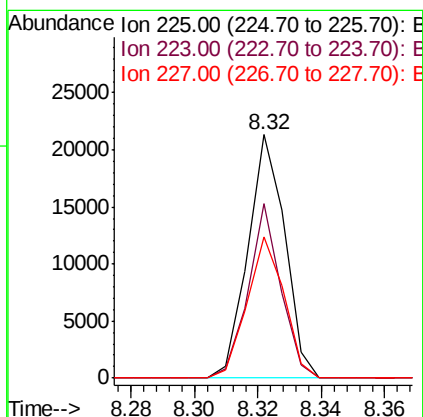
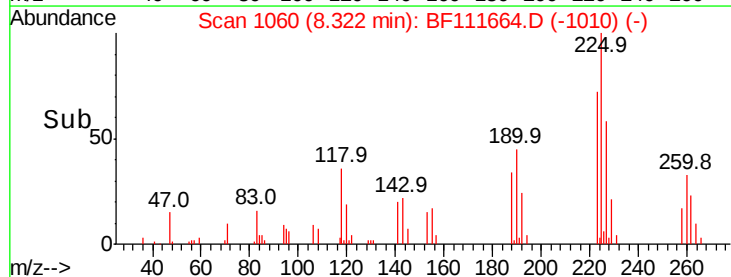
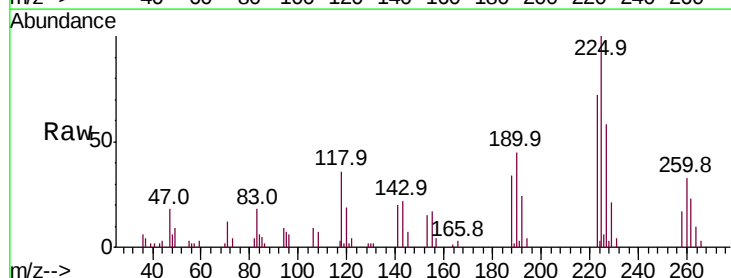
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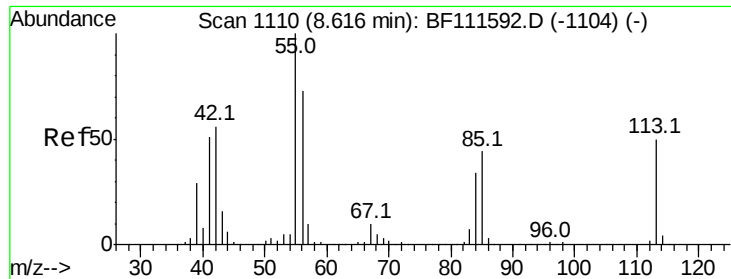
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#34
Hexachlorobutadiene
Concen: 2.299 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	71.6	50.7	76.1
227	60.8	52.6	78.8





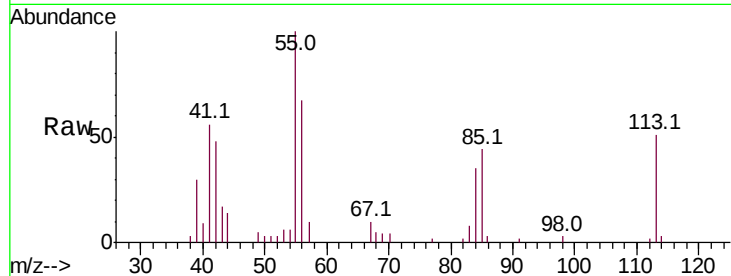
#35
Caprolactam
Concen: 1.812 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.06 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

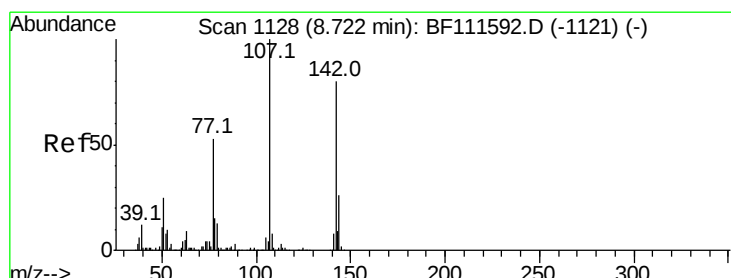
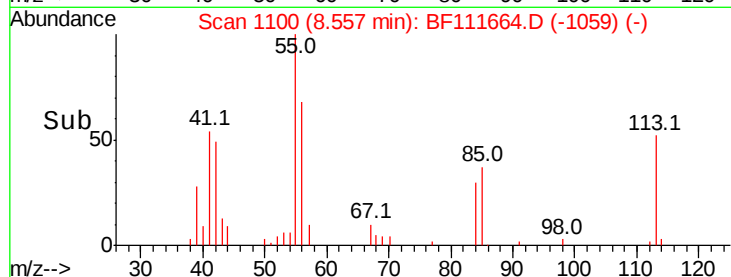
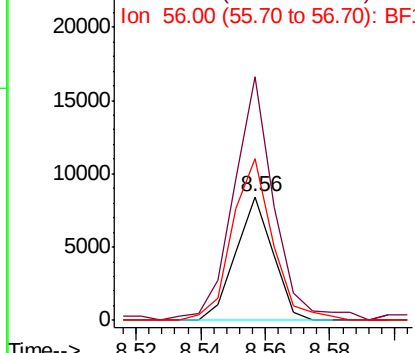
Tot Ion:113 Resp: 6756
Ion Ratio Lower Upper
113 100
55 196.6 184.1 224.1
56 130.9 126.0 166.0

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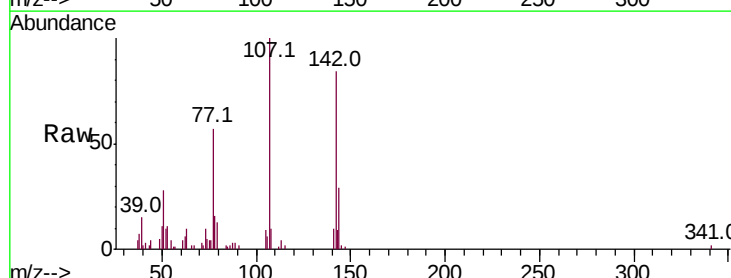


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

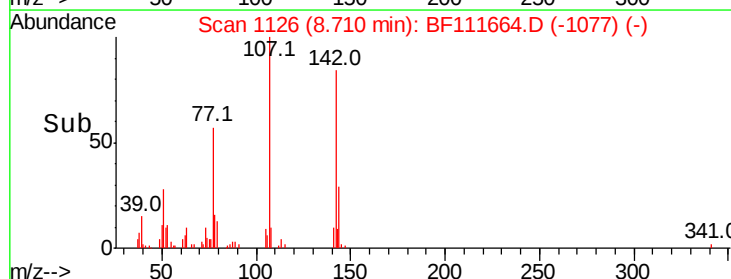
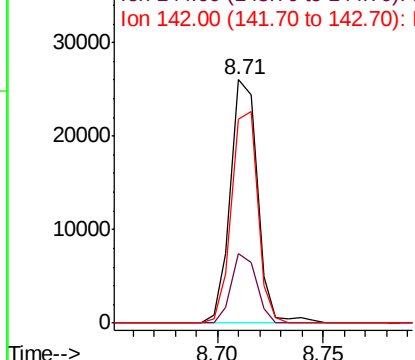


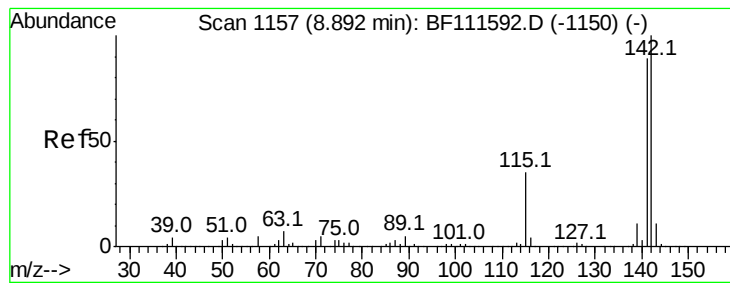
#36
4-Chloro-3-methylphenol
Concen: 2.145 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:107 Resp: 23195
Ion Ratio Lower Upper
107 100
144 28.5 19.8 29.6
142 83.9 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





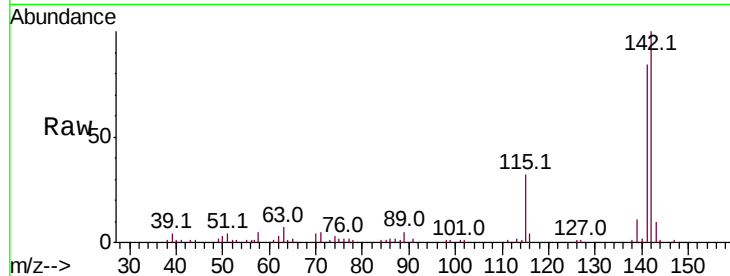
#37
2-Methylnaphthalene
Concen: 2.720 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.2	70.6	105.8
115	32.5	27.0	40.6

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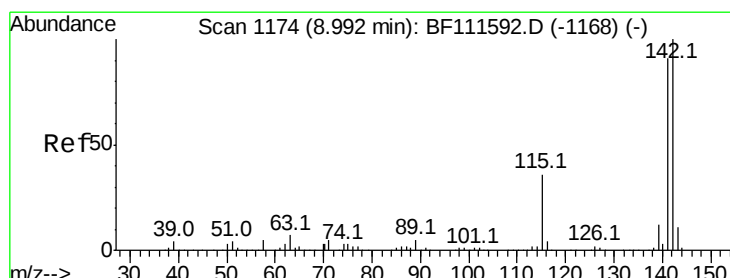
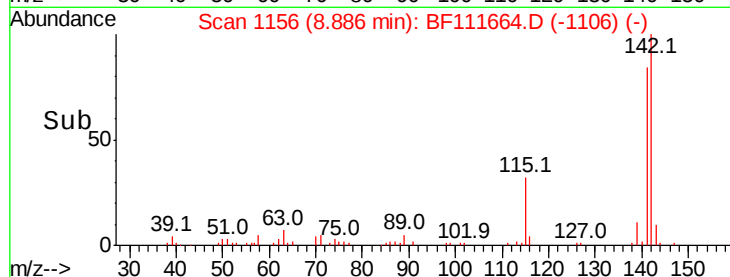
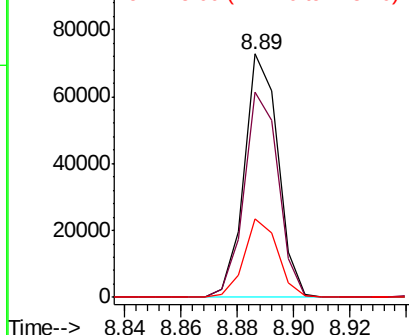


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 2.611 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

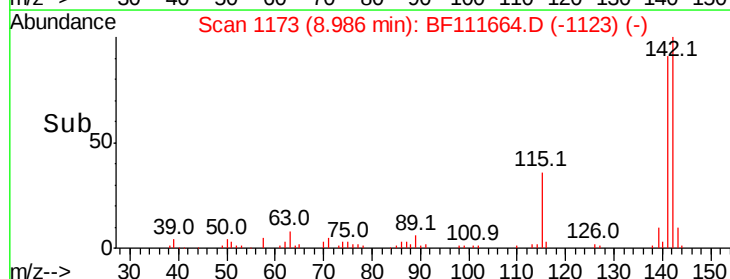
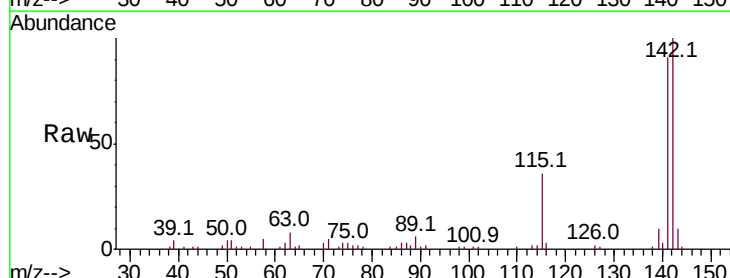
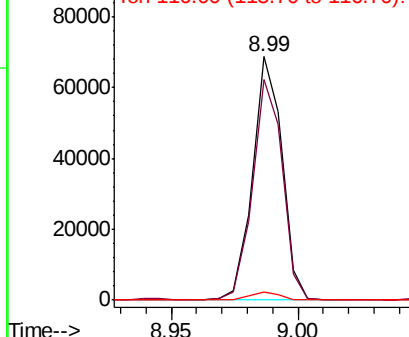
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	3.3	2.9	4.3

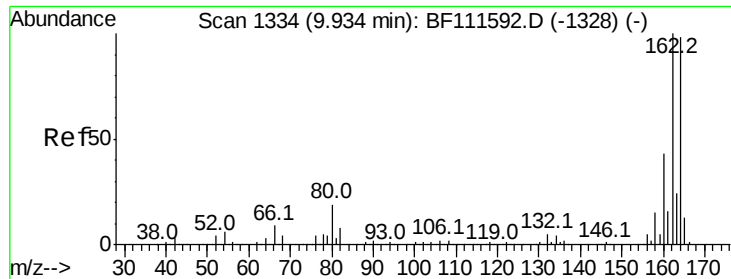
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





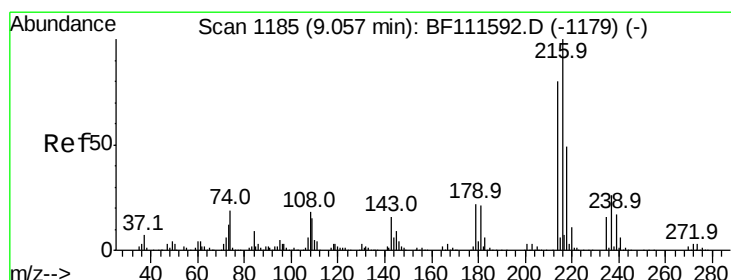
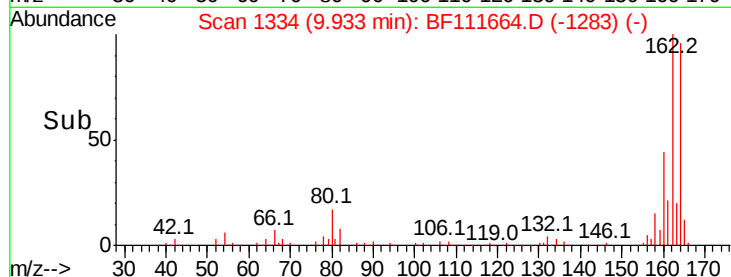
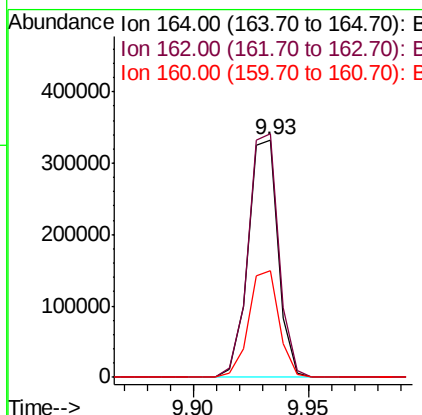
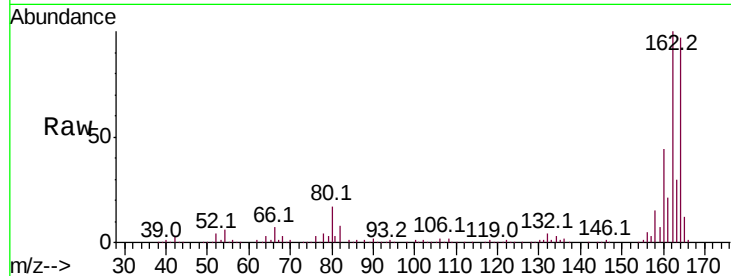
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	303260		
162	102.6	81.4	122.0	
160	45.1	35.7	53.5	

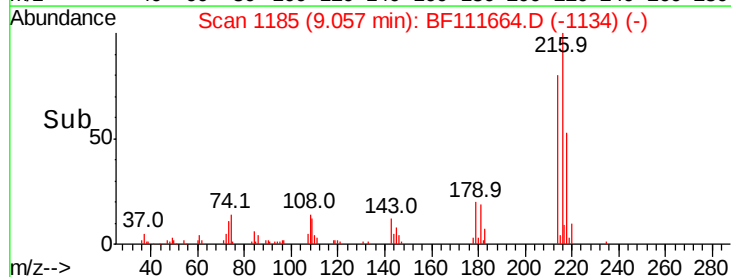
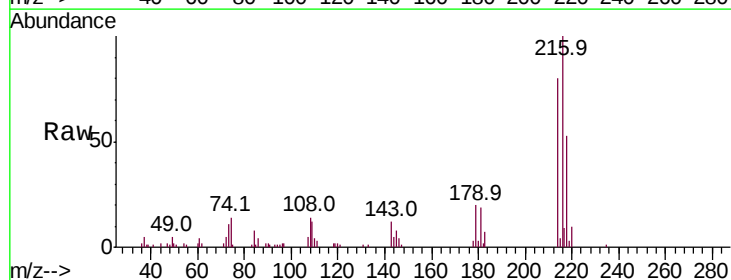
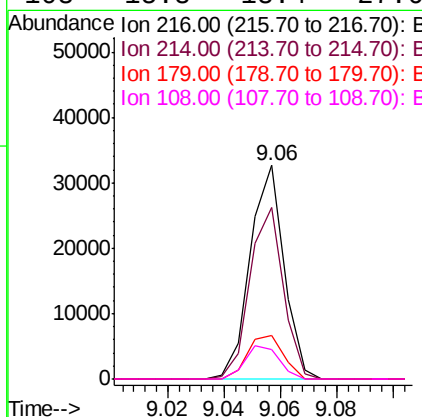
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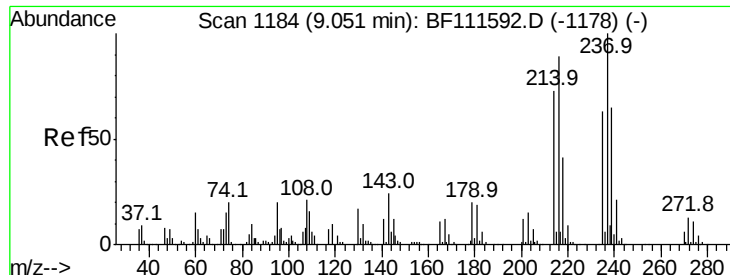
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.723 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	27139		
214	79.5	63.8	95.8	
179	21.6	17.9	26.9	
108	15.8	18.4	27.6#	





#41

Hexachlorocyclopentadiene

Concen: 0.439 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

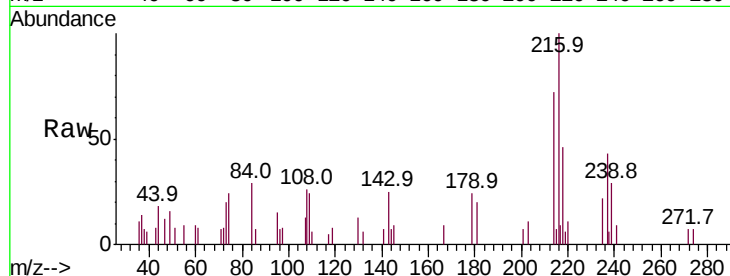
ClientSampleId :

P001-SS025-1218-01MSD

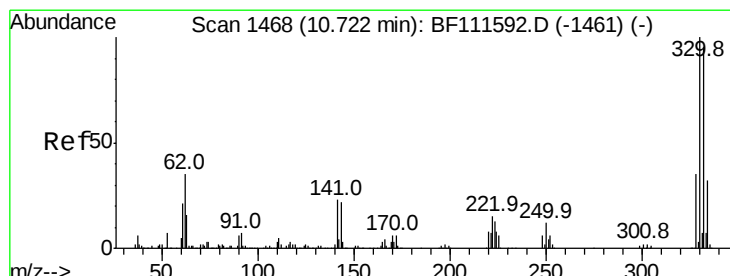
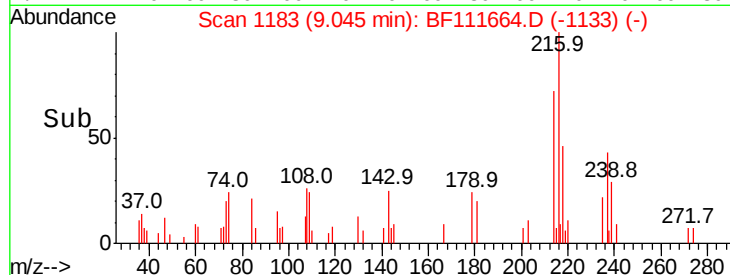
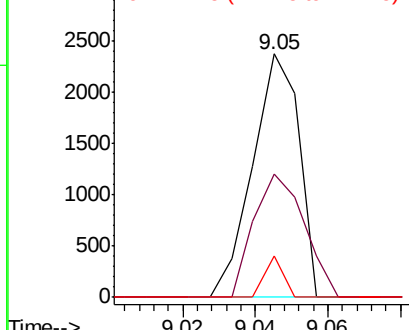
Tot Ion:	237	Resp:	2122
Ion Ratio	Lower	Upper	
237	100		
235	50.9	43.1	83.1
272	16.9	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 5.773 ng

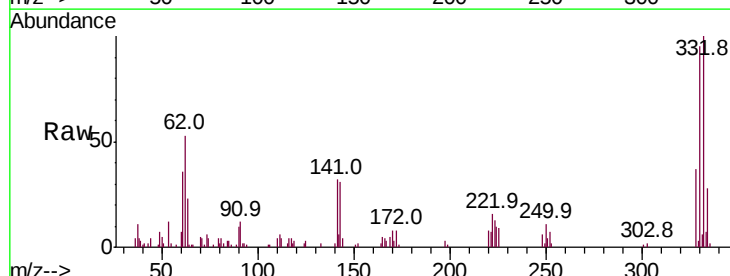
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

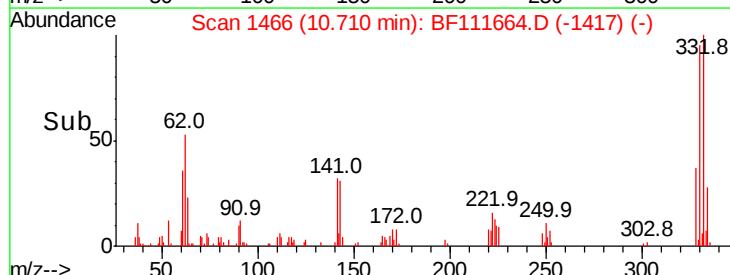
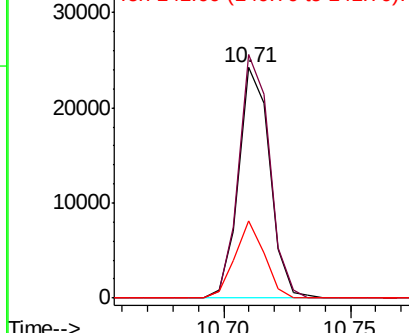
Lab File: BF111664.D

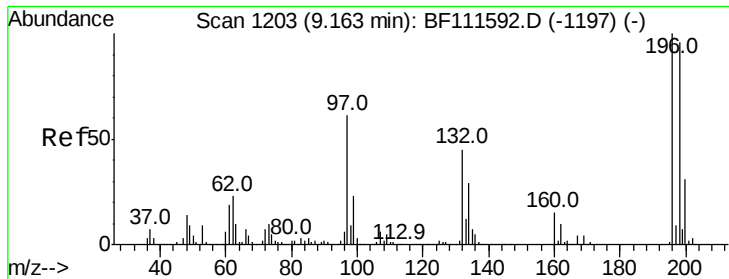
Acq: 21 Dec 2018 2:59

Tgt Ion:	330	Resp:	20686
Ion Ratio	Lower	Upper	
330	100		
332	104.8	76.0	114.0
141	31.6	31.0	46.6



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





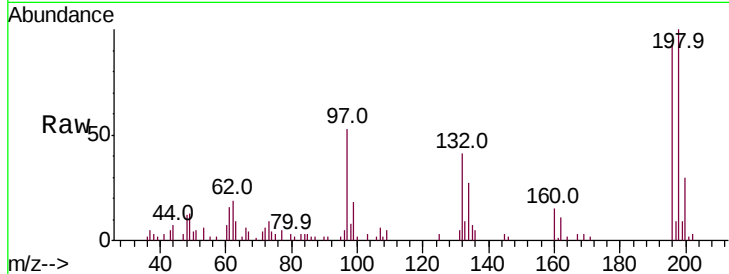
#43
2,4,6-Trichlorophenol
Concen: 2.318 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	15422		
198	107.2	76.3	114.5	
200	32.6	24.9	37.3	

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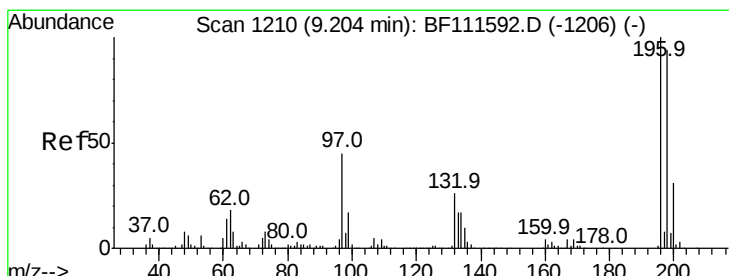
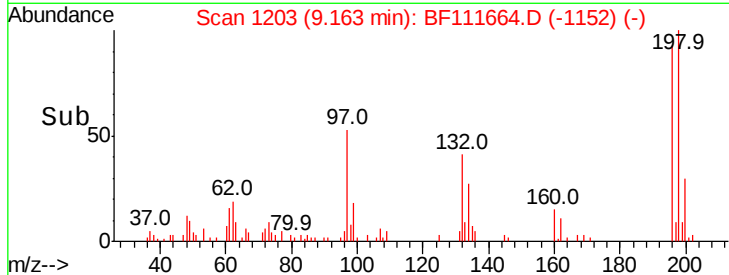
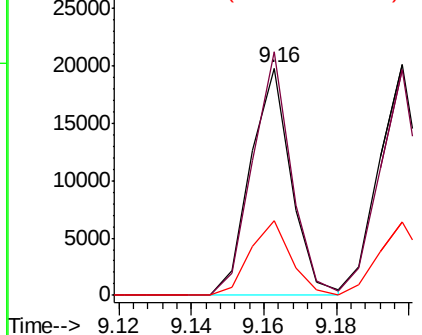


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 2.344 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	16001		
198	97.8	72.9	109.3	
97	44.3	45.3	67.9#	
132	26.7	25.5	38.3	

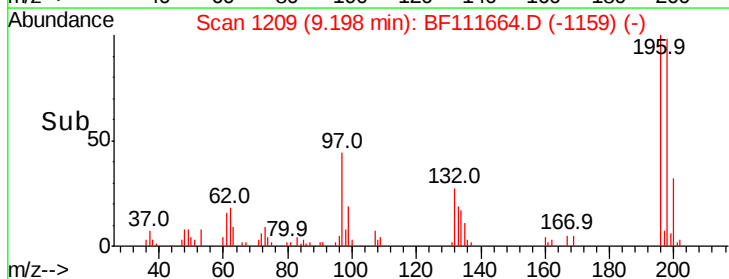
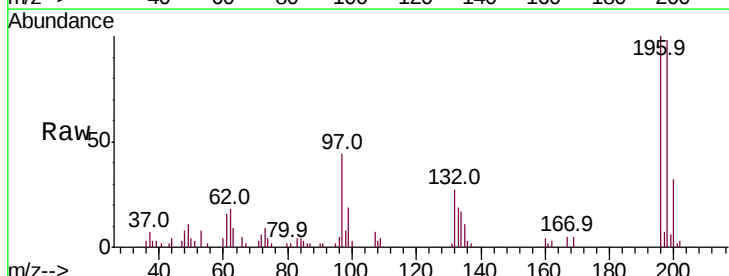
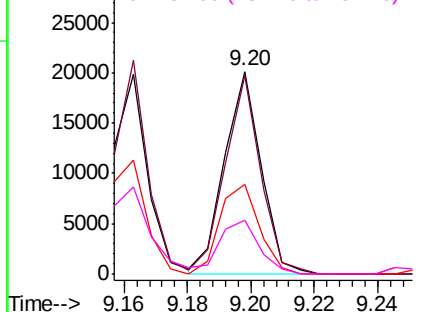
Abundance

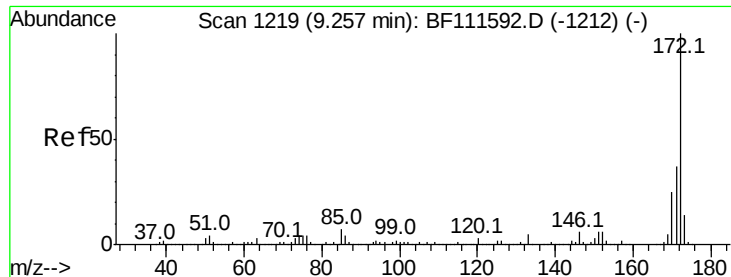
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





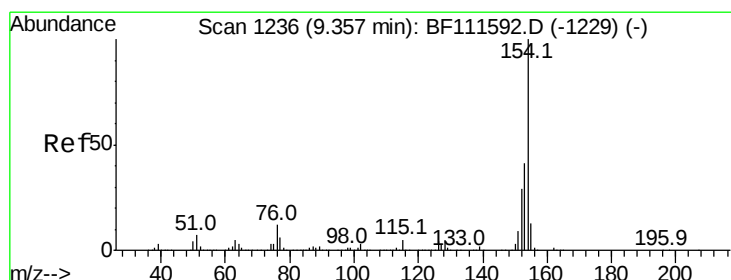
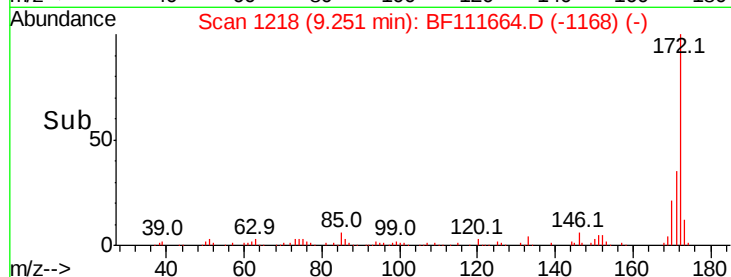
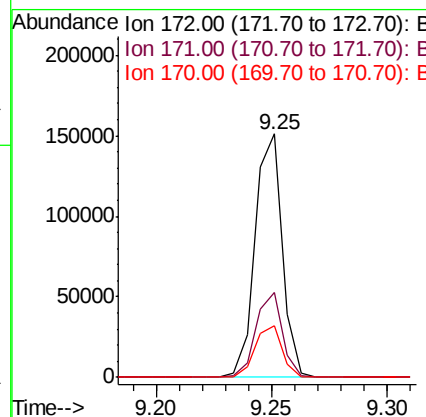
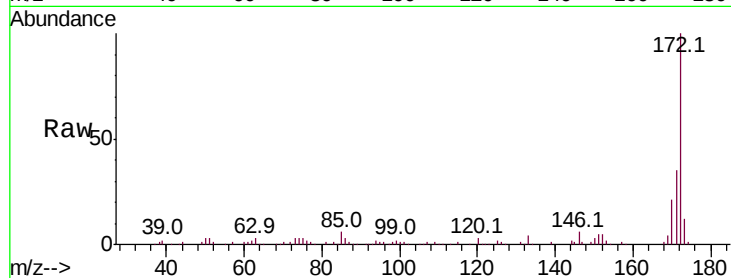
#45
2-Fluorobiphenyl
Concen: 5.981 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	33.0	49.4	
170	21.4	22.3	33.5	

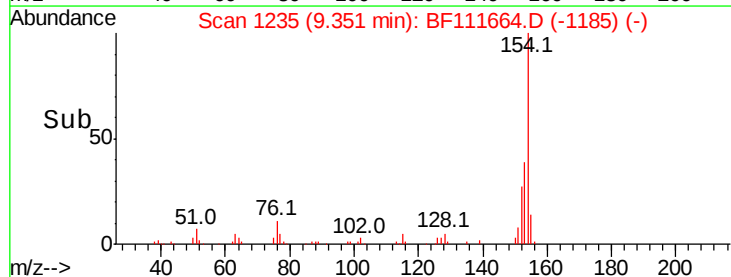
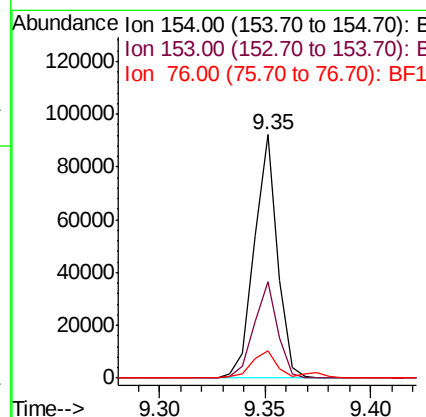
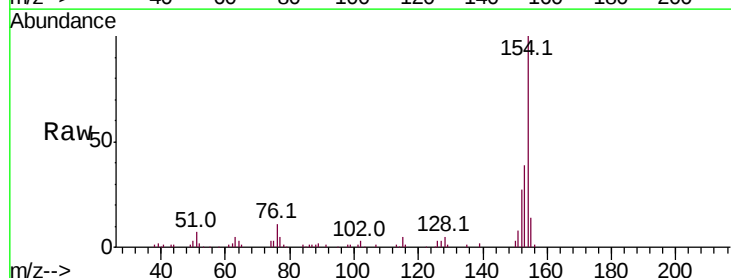
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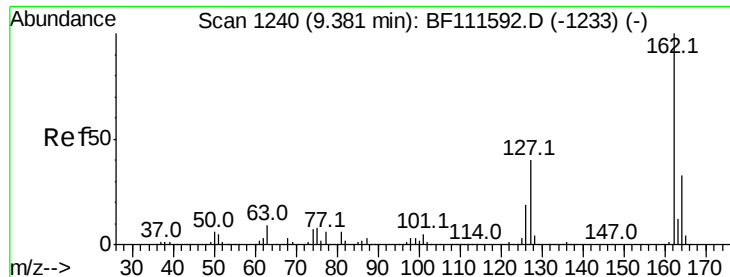
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#46
1,1'-Biphenyl
Concen: 2.748 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	23.7	63.7	
76	11.3	0.0	35.0	





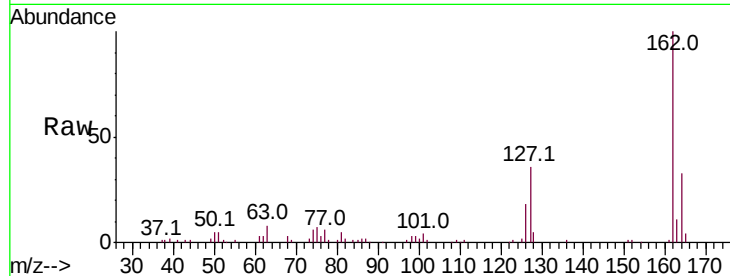
#47
2-Chloronaphthalene
Concen: 2.576 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

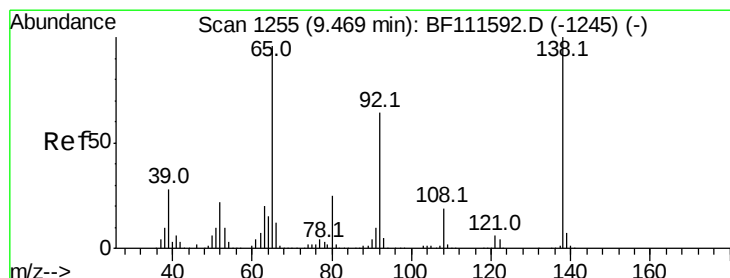
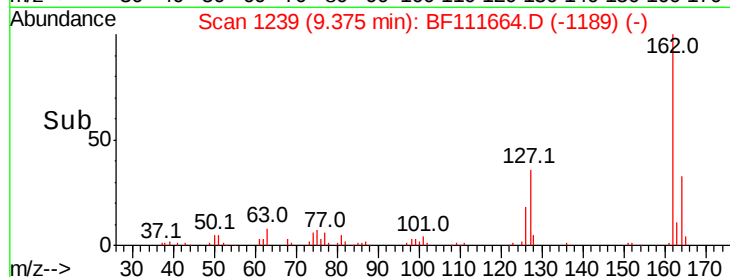
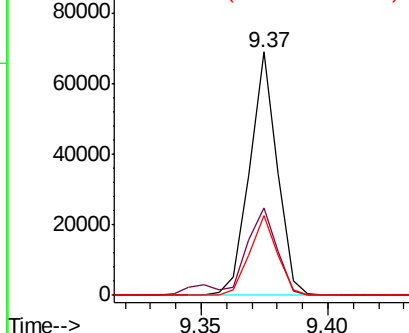
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	35.9	35.0	52.4
164	32.7	28.4	42.6

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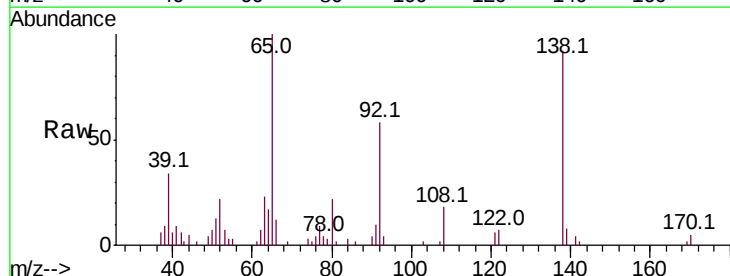


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

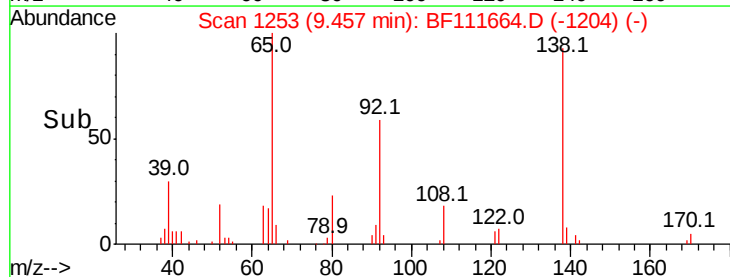
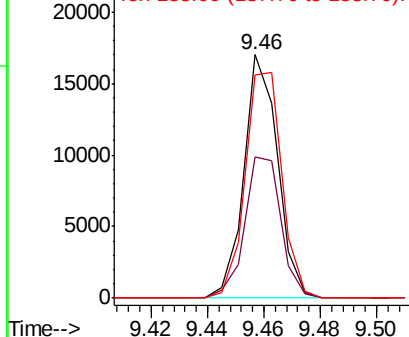


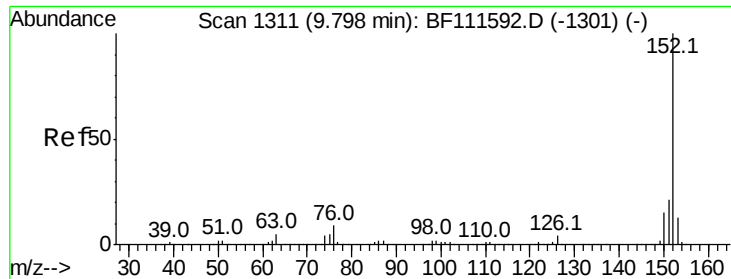
#48
2-Nitroaniline
Concen: 2.663 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	57.9	53.5	80.3
138	91.7	80.9	121.3



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





#49

Acenaphthylene

Concen: 2.699 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

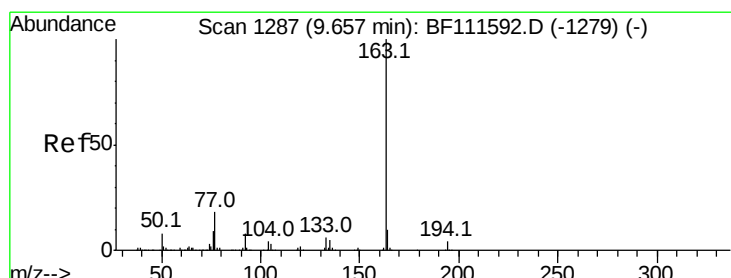
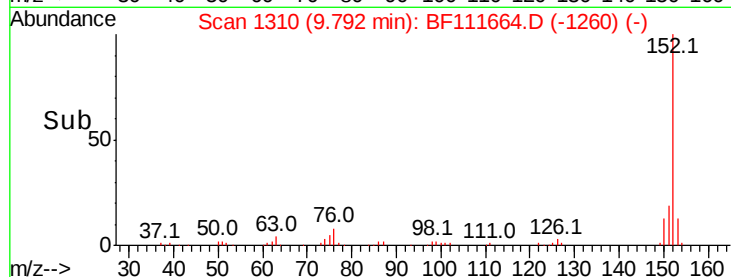
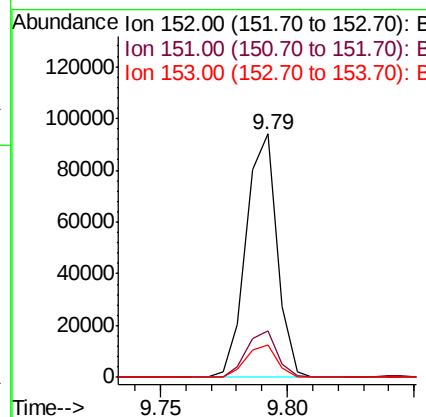
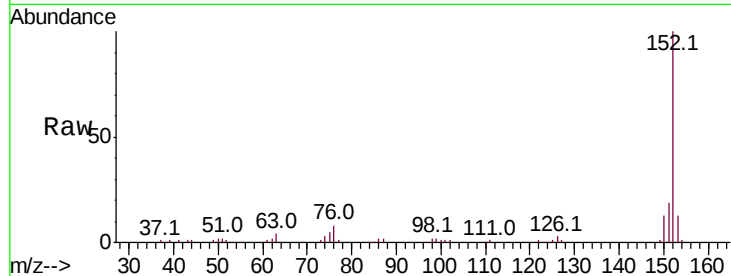
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	152	Resp:	79914
Ion Ratio	Lower	Upper	
152	100		
151	19.0	18.0	27.0
153	13.1	12.3	18.5

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#50

Dimethylphthalate

Concen: 3.117 ng

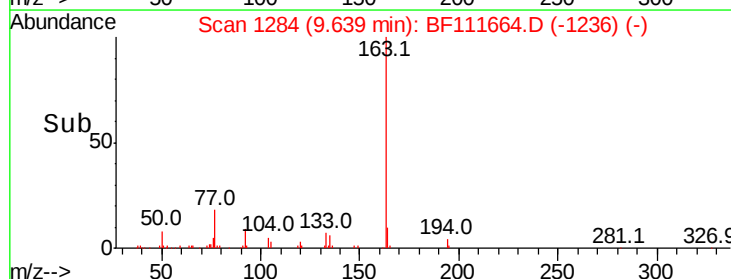
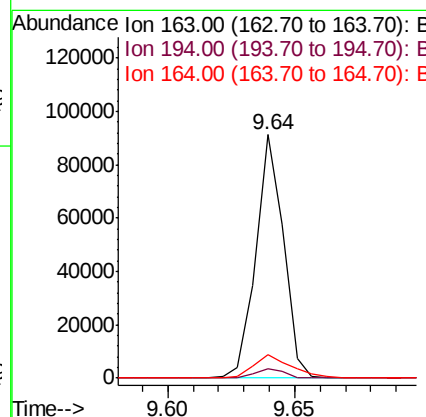
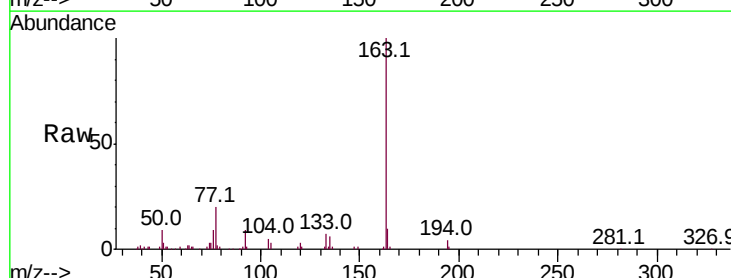
RT: 9.64 min Scan# 1284

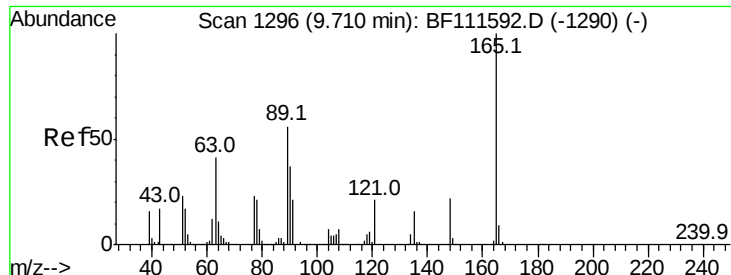
Delta R.T. -0.02 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	163	Resp:	69114
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.6
164	9.5	8.9	13.3





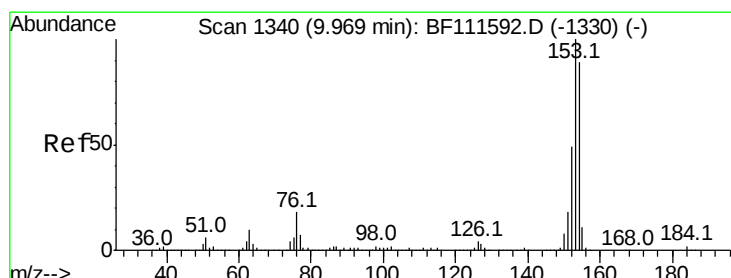
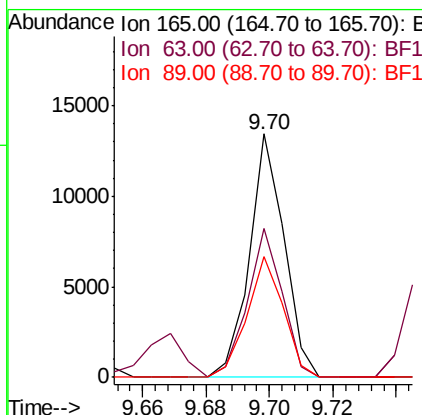
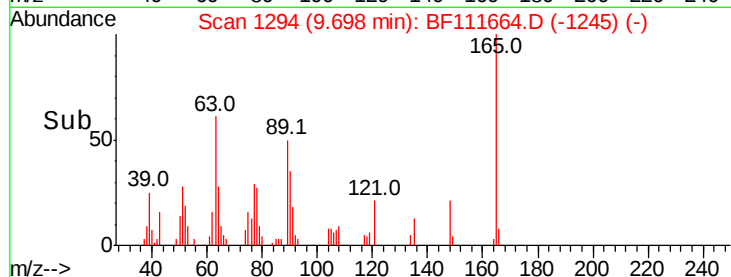
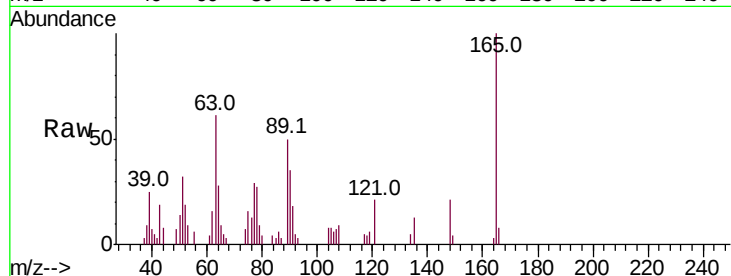
#51
2,6-Dinitrotoluene
Concen: 2.309 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.4	40.5	60.7#	
89	49.7	40.0	60.0	

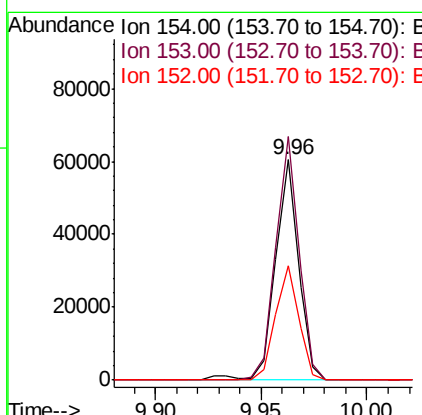
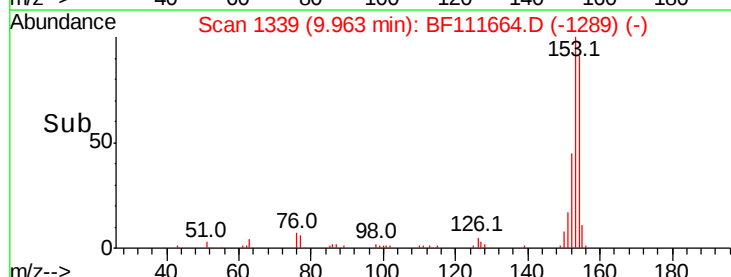
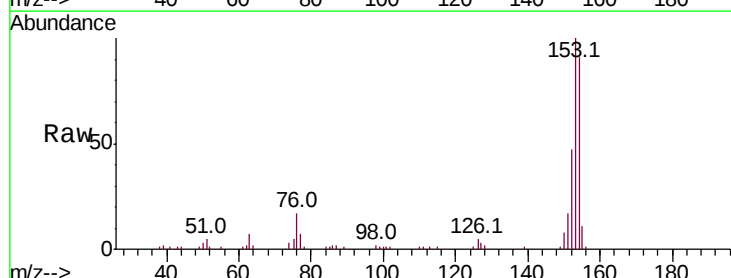
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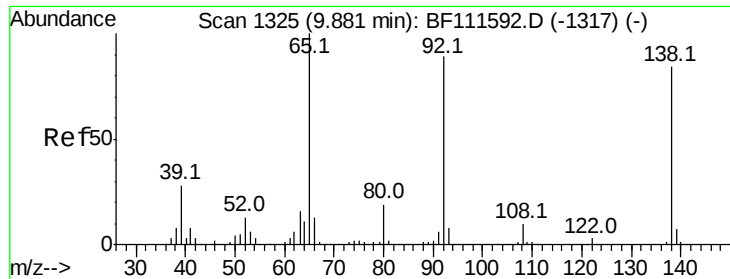
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#52
Acenaphthene
Concen: 2.545 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.5	87.8	131.8	
152	52.0	43.4	65.2	





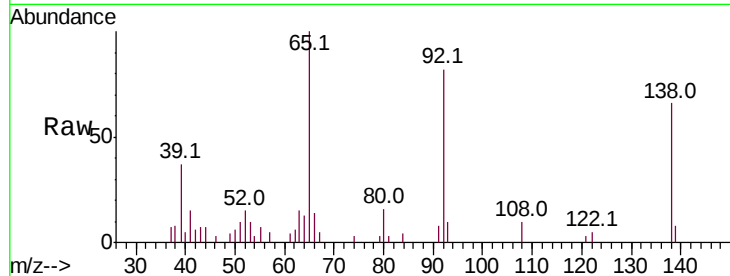
#53
3-Nitroaniline
Concen: 1.453 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

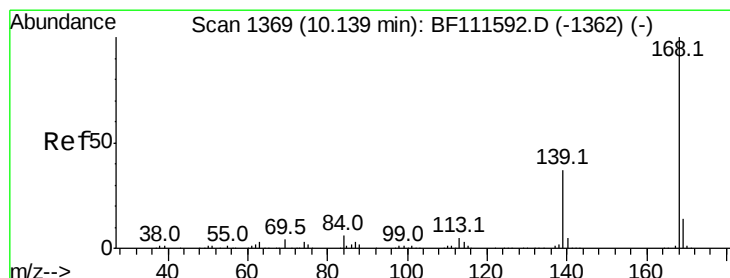
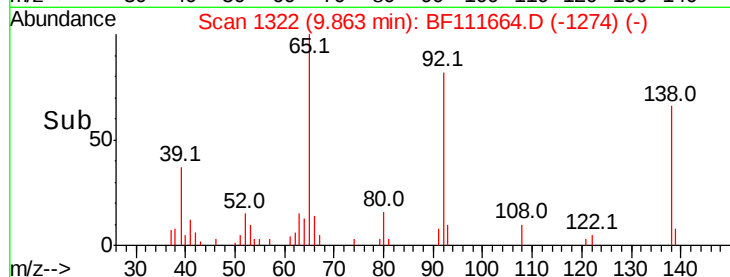
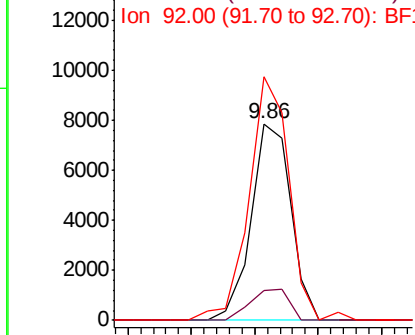
Tot Ion:138 Resp: 6851
Ion Ratio Lower Upper
138 100
108 15.4 8.2 12.4#
92 124.0 93.4 140.2

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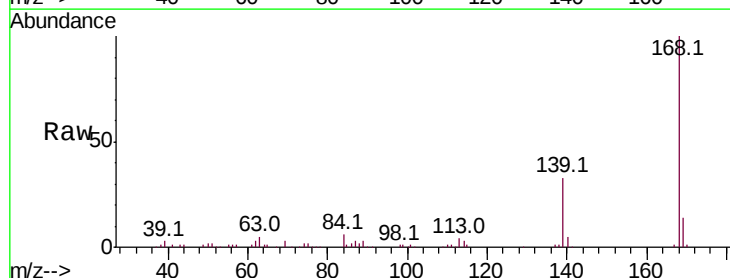


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

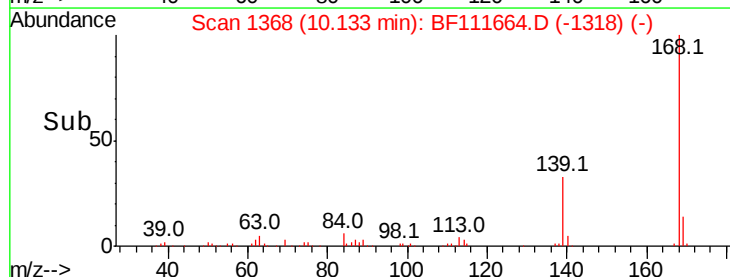
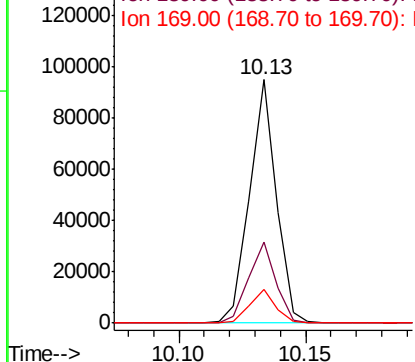


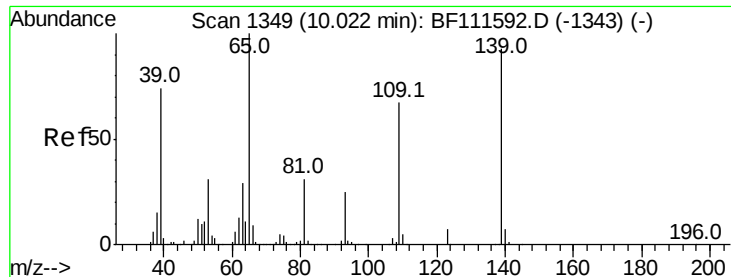
#55
Dibenzofuran
Concen: 2.533 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:168 Resp: 69885
Ion Ratio Lower Upper
168 100
139 33.4 32.6 49.0
169 13.6 11.8 17.6



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





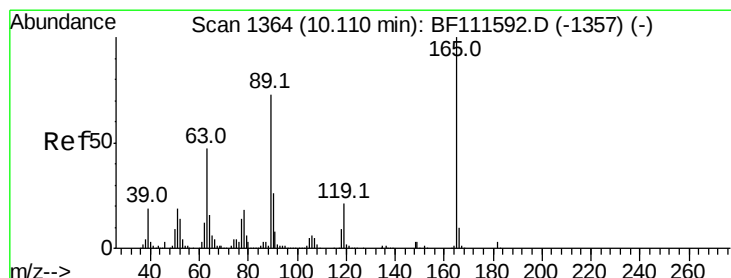
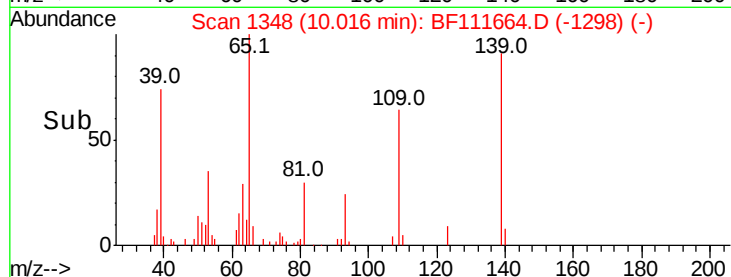
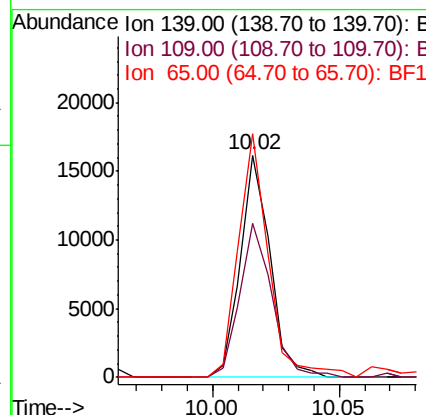
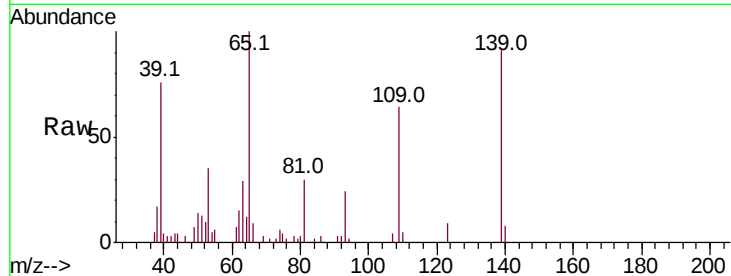
#56
4-Nitrophenol
Concen: 3.657 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.7	41.8	81.8
65	109.7	79.6	119.6

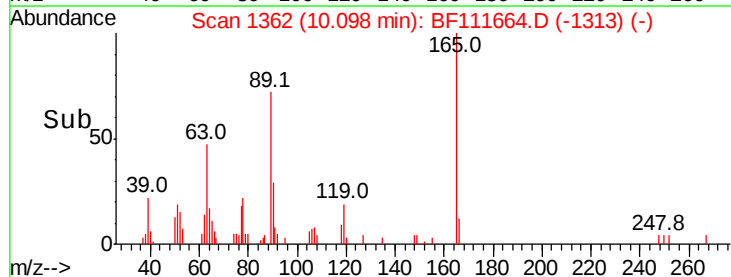
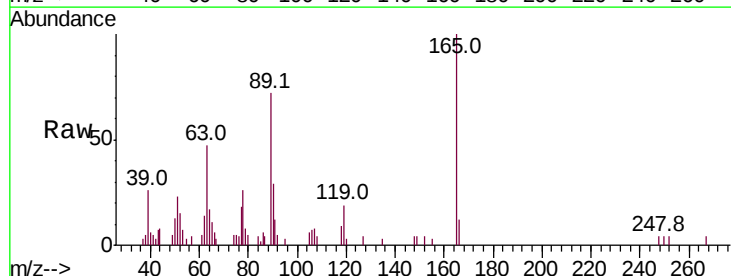
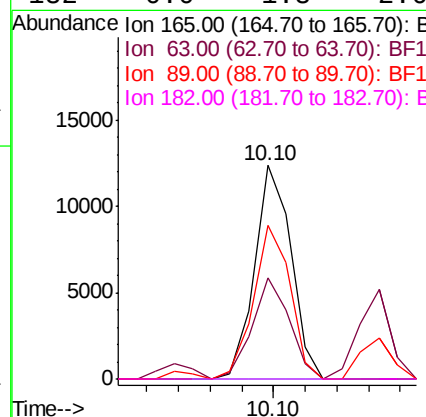
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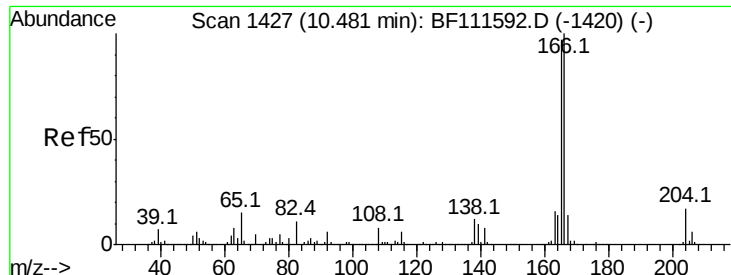
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#57
2,4-Dinitrotoluene
Concen: 1.859 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	34.6	52.0
89	72.0	56.2	84.4
182	0.0	1.8	2.6#





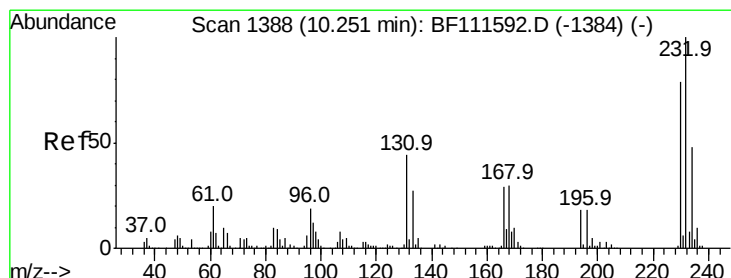
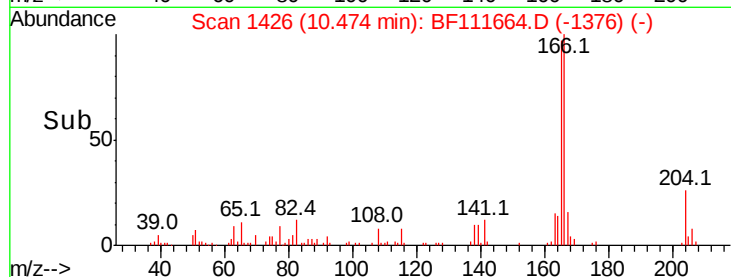
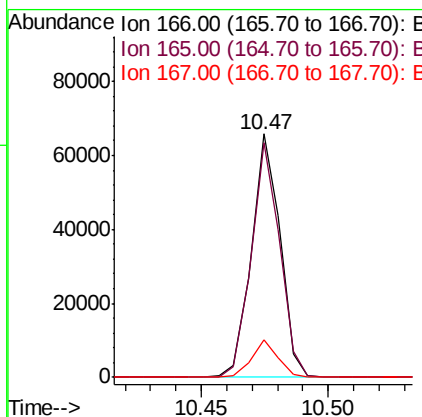
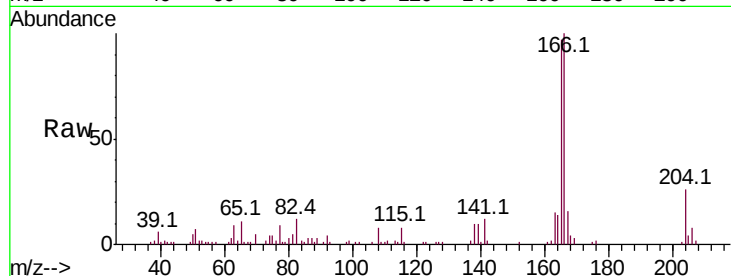
#58
 Fluorene
 Concen: 2.609 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.6	78.4	117.6	
167	15.6	11.2	16.8	

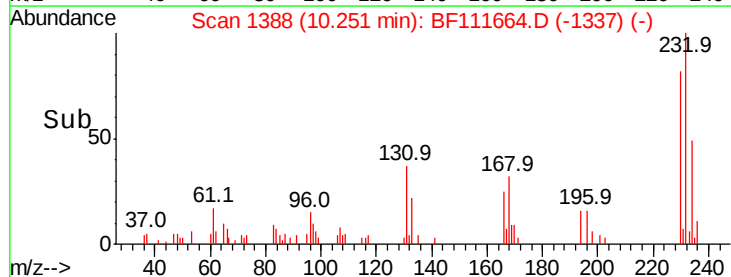
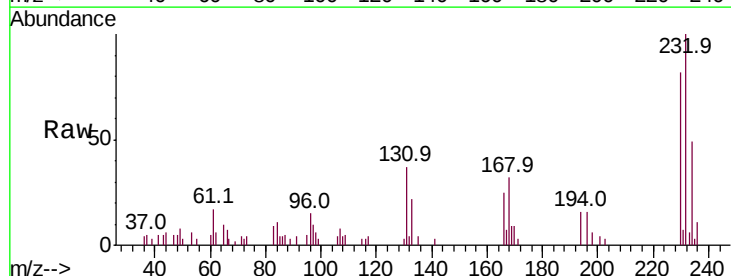
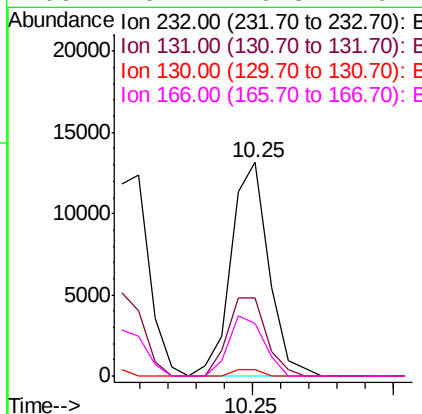
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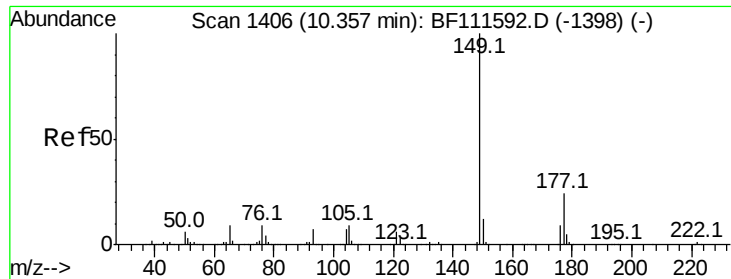
Sohil
 12/21/2018 2:46:59 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.111 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.1	40.9	61.3#	
130	2.2	2.0	3.0	
166	26.4	26.8	40.2#	





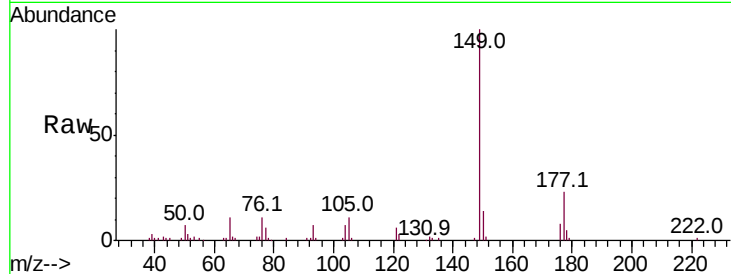
#60
Diethylphthalate
Concen: 2.547 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

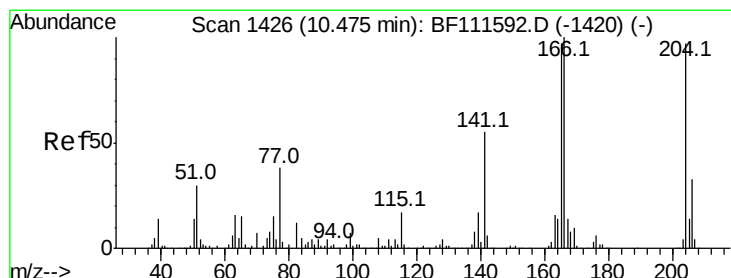
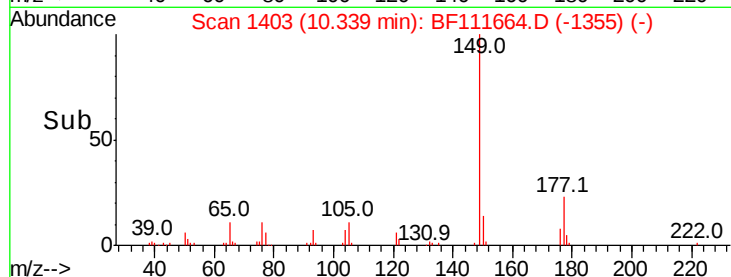
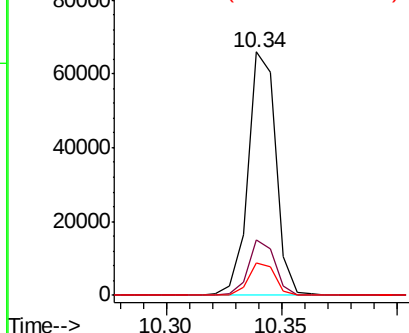
Tot Ion	Ratio	Resp	Lower	Upper
149	100	55413		
177	22.8	18.3	27.5	
150	13.5	10.6	15.8	

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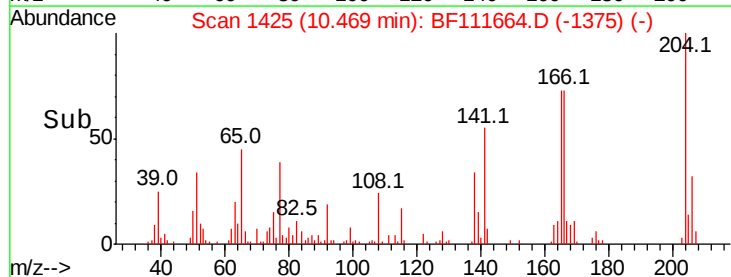
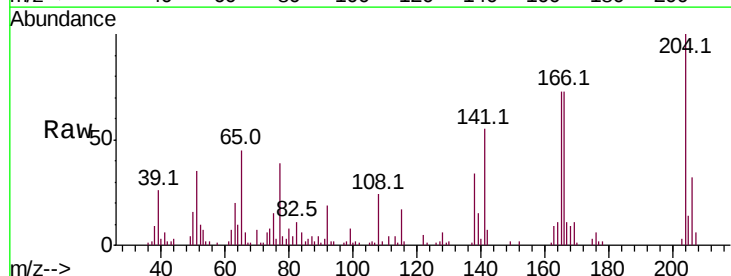
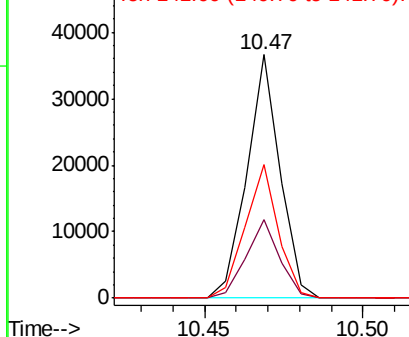
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

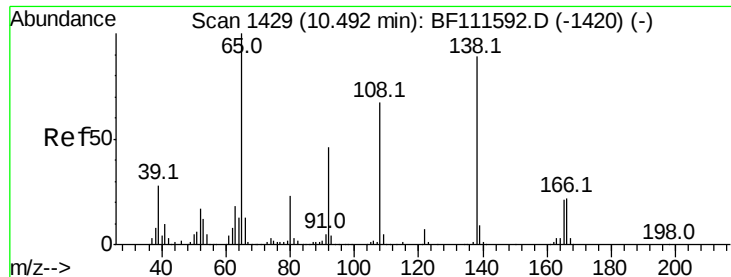


#61
4-Chlorophenyl-phenylether
Concen: 2.408 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	26450		
206	32.4	26.6	39.8	
141	54.9	52.6	78.8	

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 2.113 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

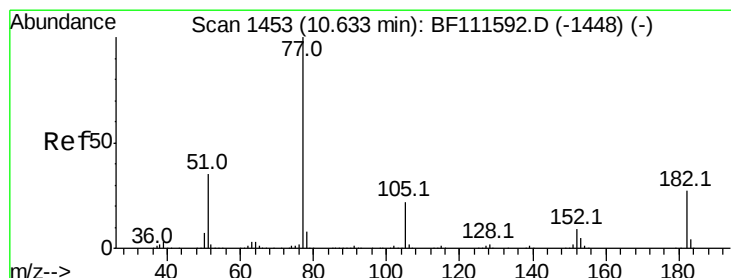
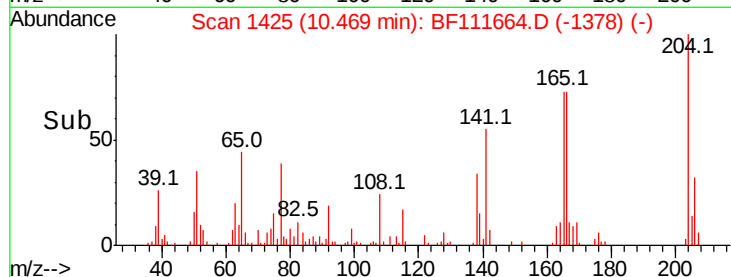
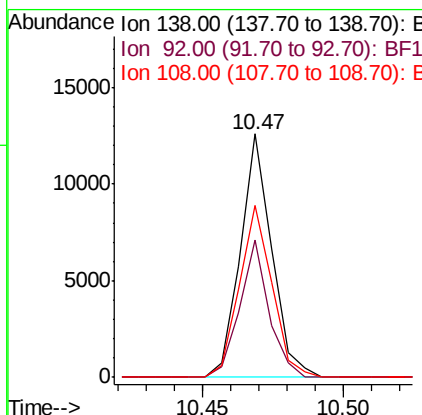
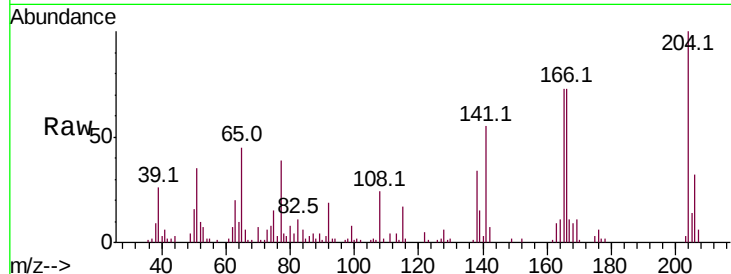
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	138	Resp:	9685
Ion Ratio	Lower	Upper	
138	100		
92	56.5	29.9	69.9
108	70.6	43.2	83.2

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#63

Azobenzene

Concen: 2.133 ng

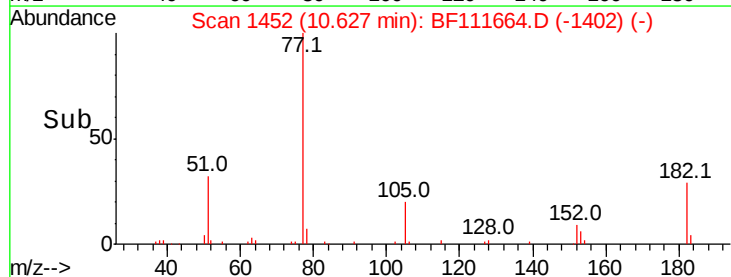
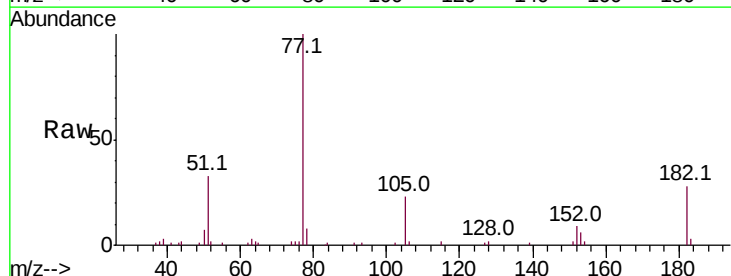
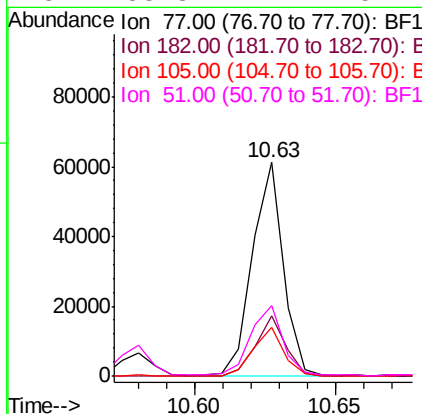
RT: 10.63 min Scan# 1452

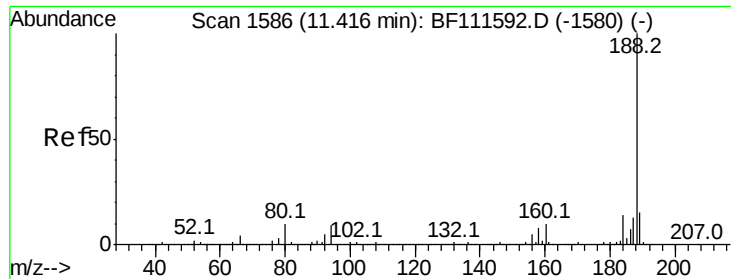
Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	77	Resp:	46574
Ion Ratio	Lower	Upper	
77	100		
182	28.0	4.9	44.9
105	22.7	6.0	46.0
51	33.3	14.7	54.7





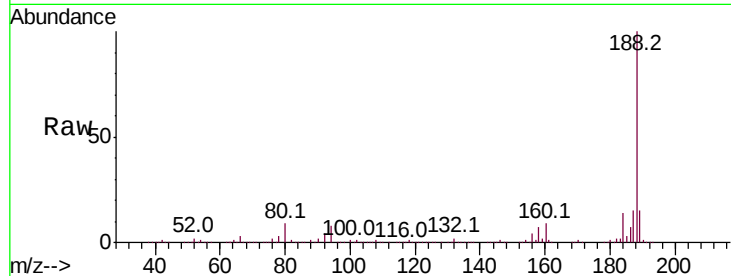
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

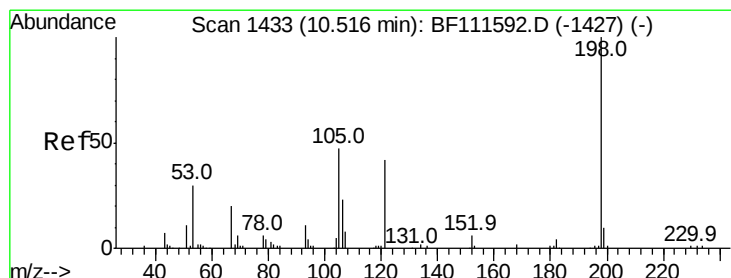
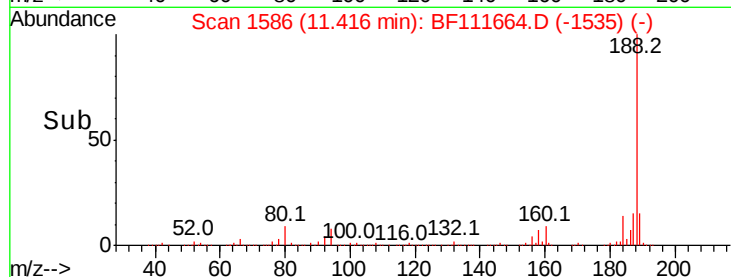
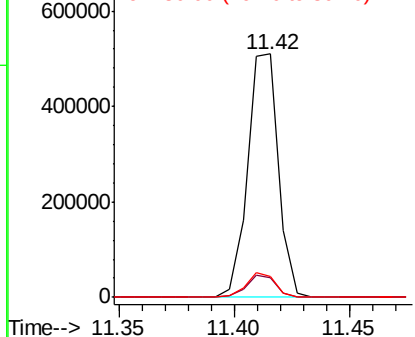
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	8.7	9.8	14.6#

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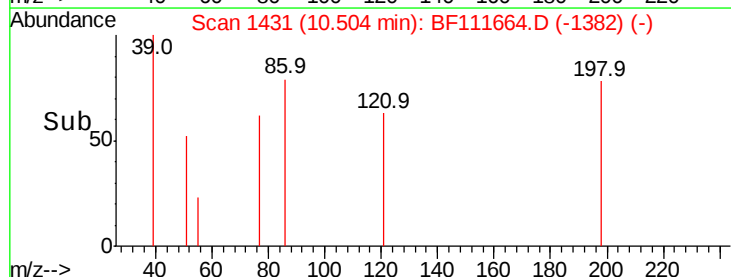
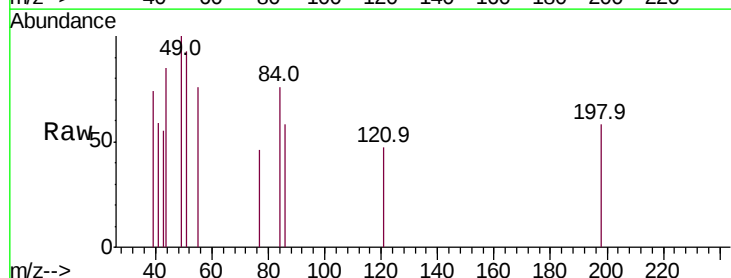
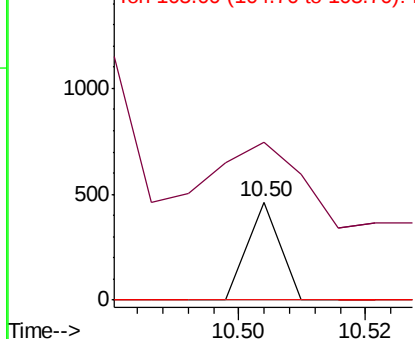
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

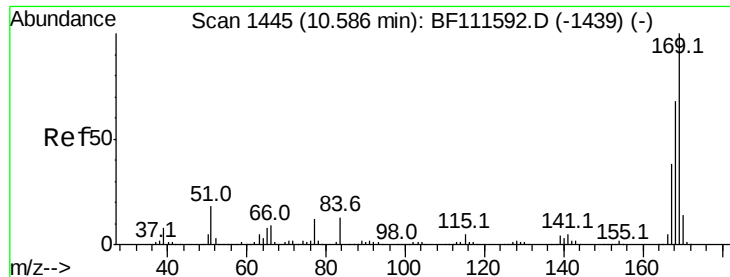


#65
4,6-Dinitro-2-methylphenol
Concen: 6.764 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	161.1	48.0	88.0#
105	0.0	34.0	74.0#

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





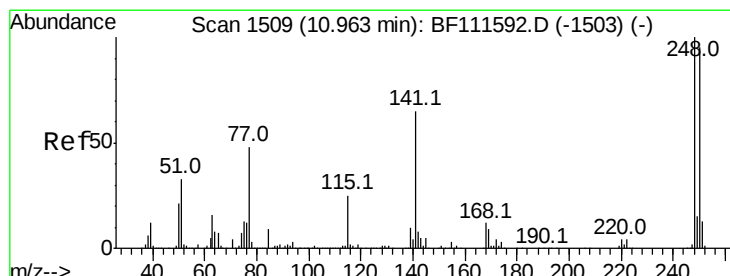
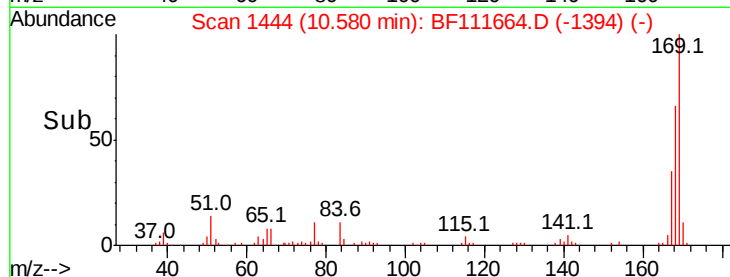
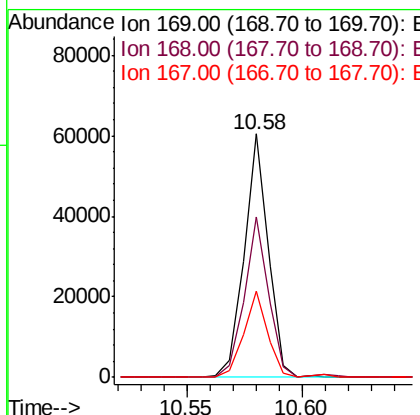
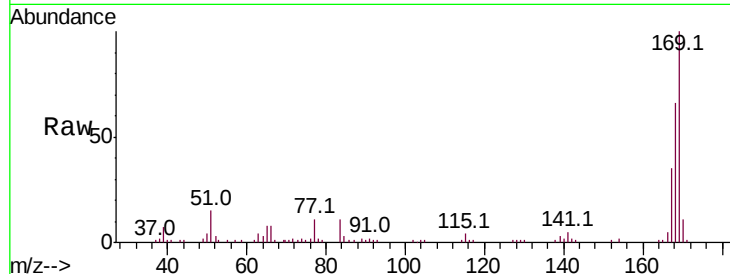
#66
 n-Nitrosodiphenylamine
 Concen: 2.750 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	35.3	30.5	45.7

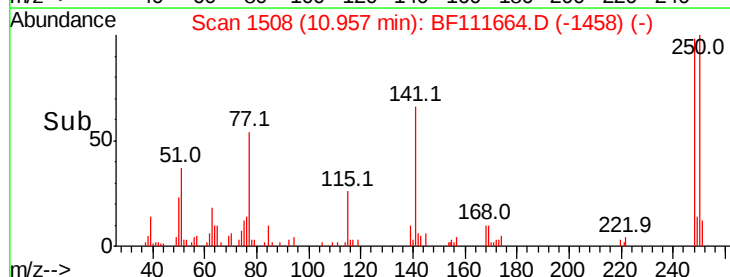
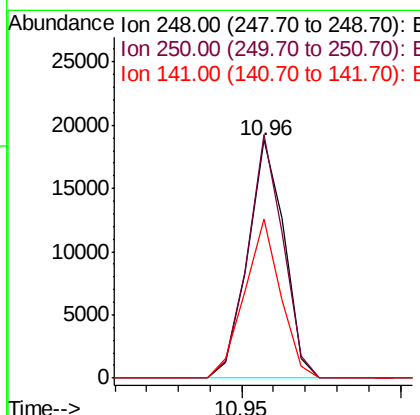
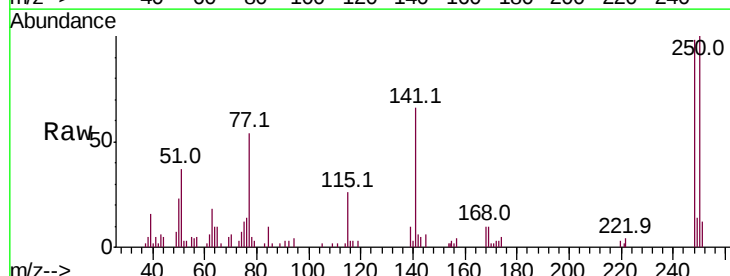
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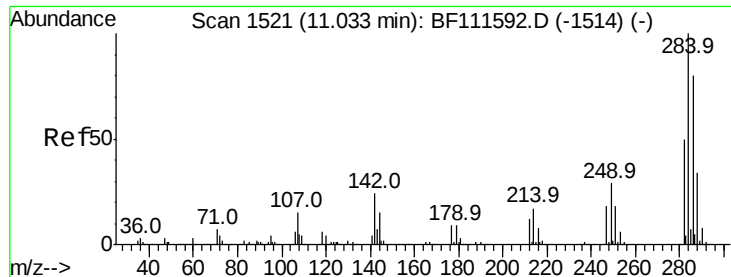
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#67
 4-Bromophenyl-phenylether
 Concen: 2.553 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.0	115.4
141	67.0	63.0	94.6





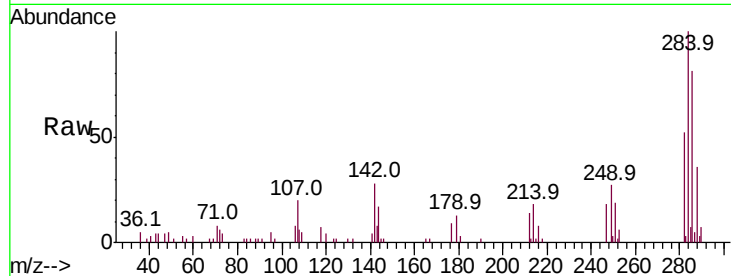
#68
Hexachlorobenzene
Concen: 2.487 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

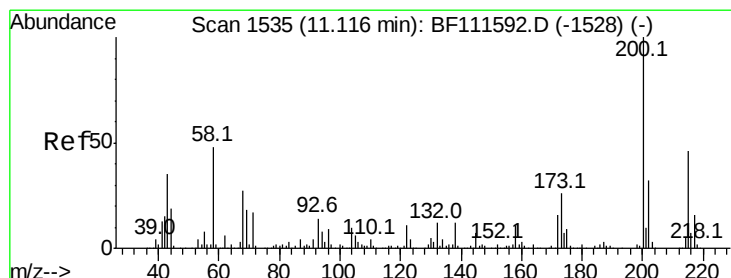
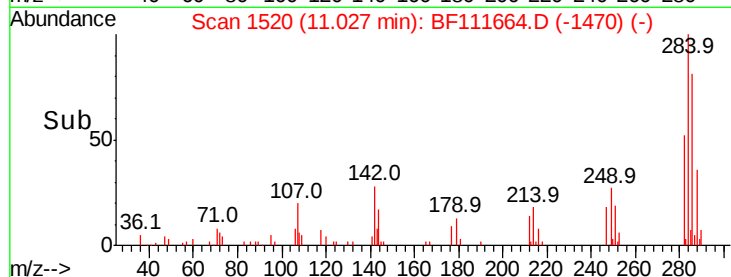
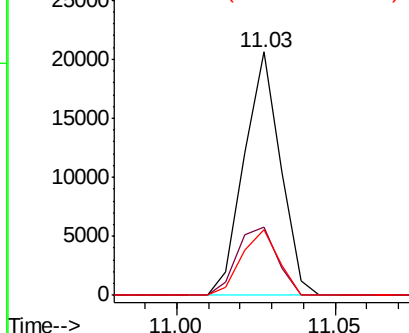
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.0	27.4	41.2	
249	27.2	24.4	36.6	

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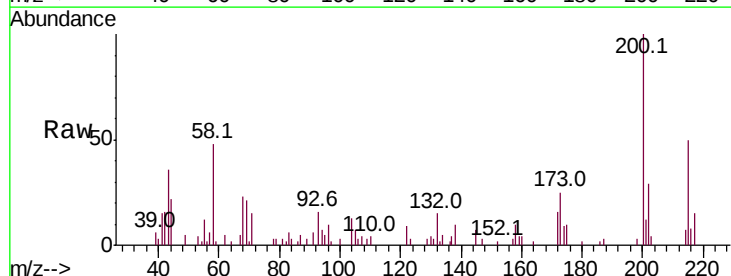


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

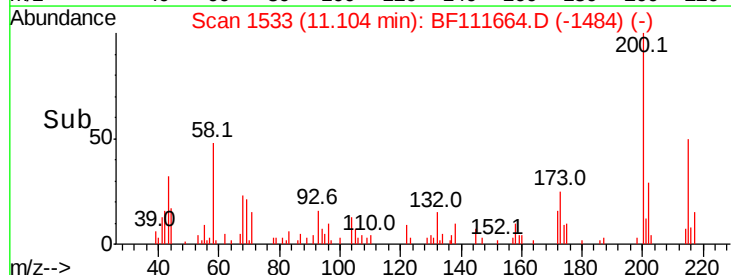
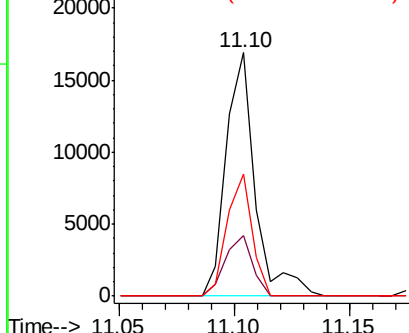


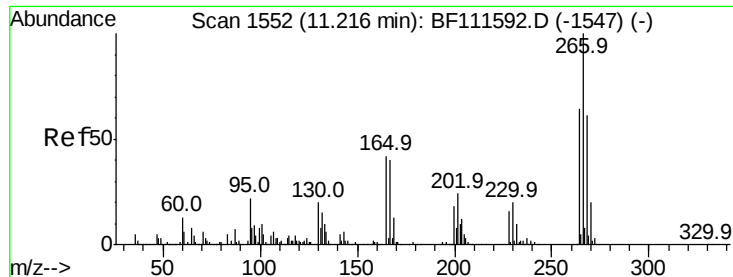
#69
Atrazine
Concen: 2.666 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.1	10.1	50.1	
215	49.9	26.9	66.9	



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





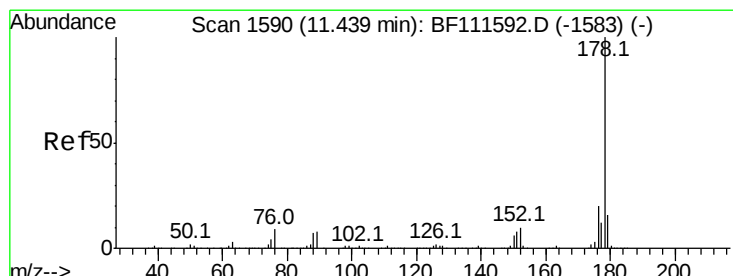
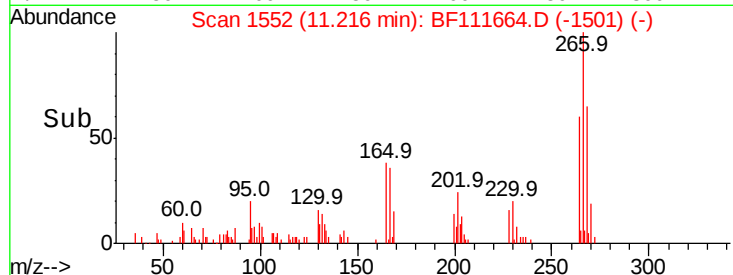
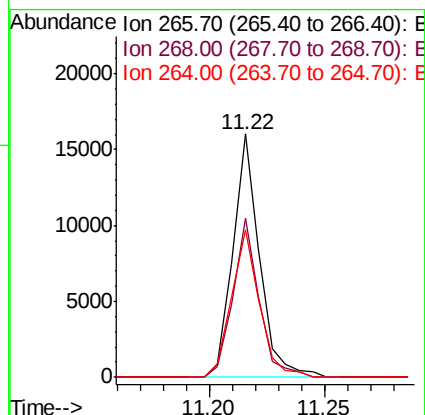
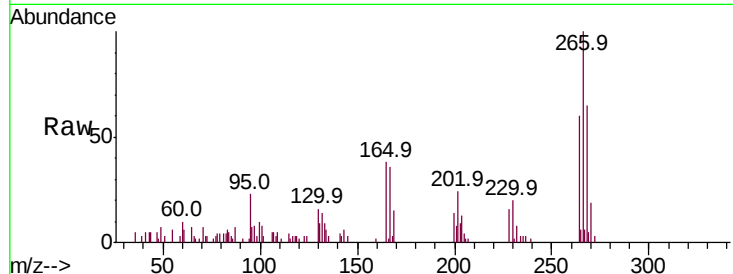
#70
Pentachlorophenol
Concen: 3.162 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion:	266	Resp:	12851
Ion Ratio	Lower	Upper	
266	100		
268	65.3	47.9	71.9
264	60.5	49.1	73.7

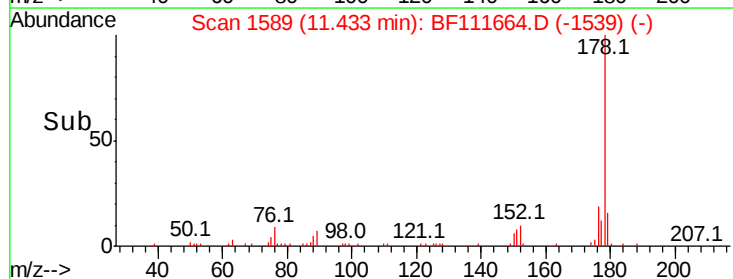
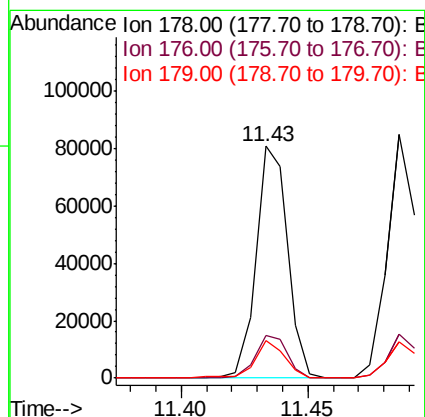
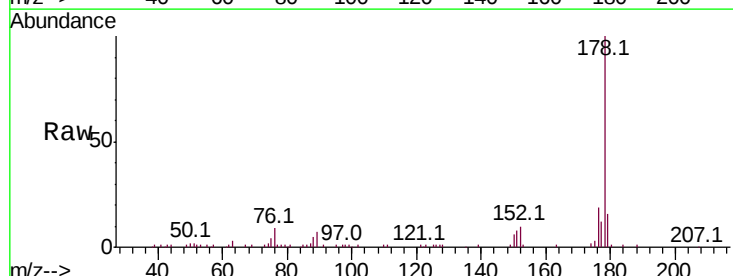
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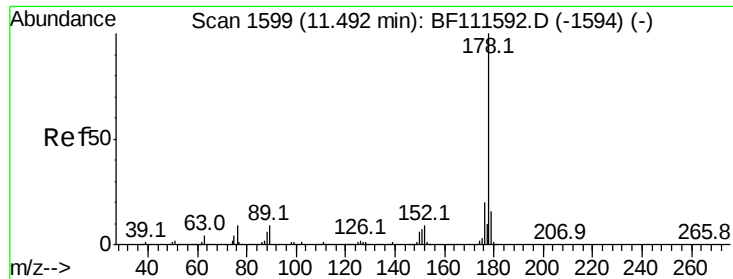
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#71
Phenanthrene
Concen: 2.775 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion:	178	Resp:	69942
Ion Ratio	Lower	Upper	
178	100		
176	18.6	18.1	27.1
179	16.0	14.0	21.0





#72

Anthracene

Concen: 2.701 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

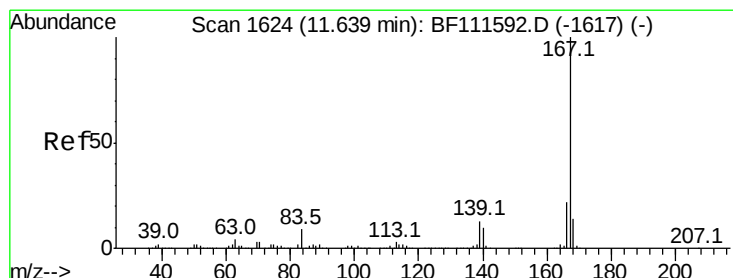
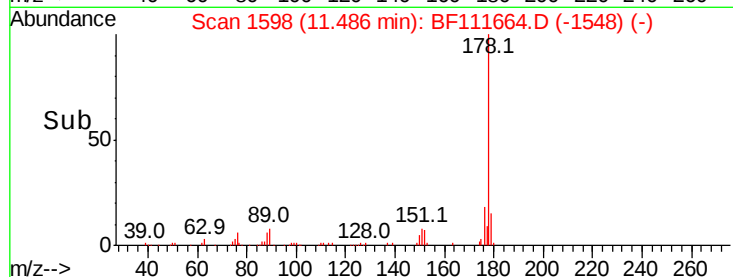
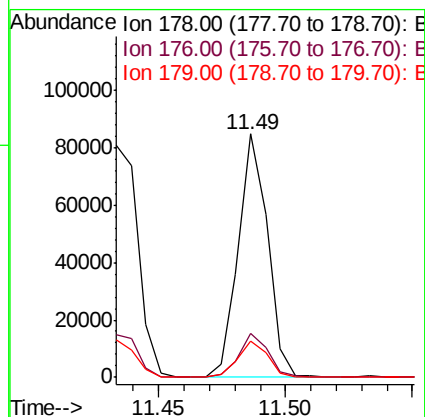
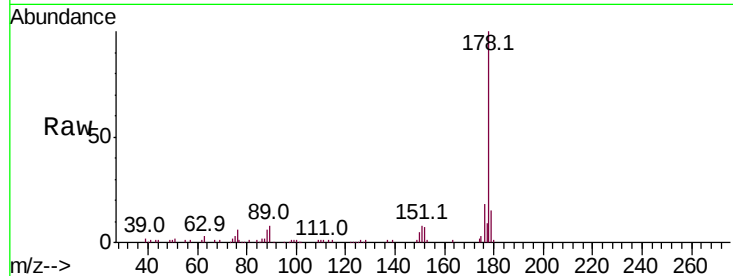
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:178	Resp:	68331
Ion Ratio	Lower	Upper
178	100	
176	17.9	17.2 25.8
179	14.7	13.8 20.8

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#73

Carbazole

Concen: 2.377 ng

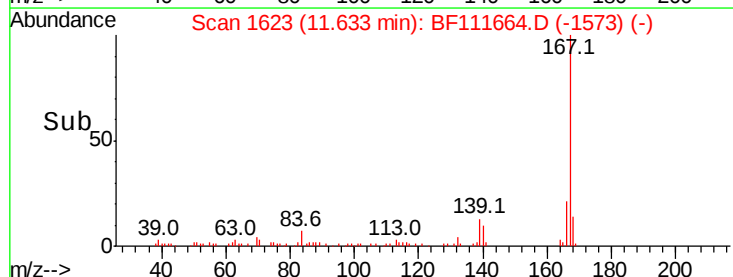
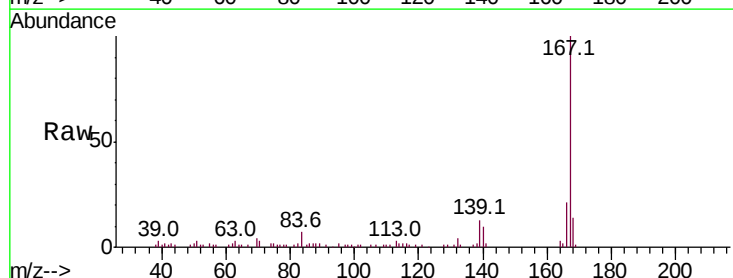
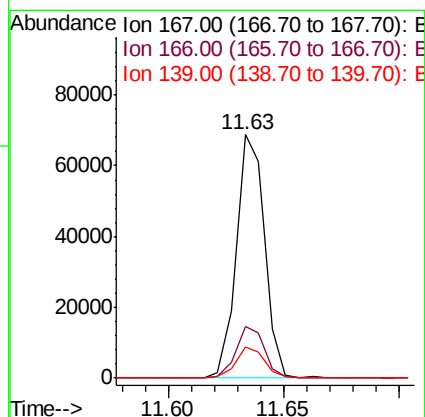
RT: 11.63 min Scan# 1623

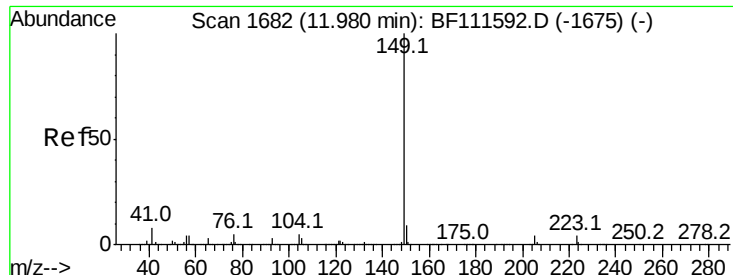
Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:167	Resp:	58394
Ion Ratio	Lower	Upper
167	100	
166	21.3	19.3 28.9
139	12.6	11.9 17.9





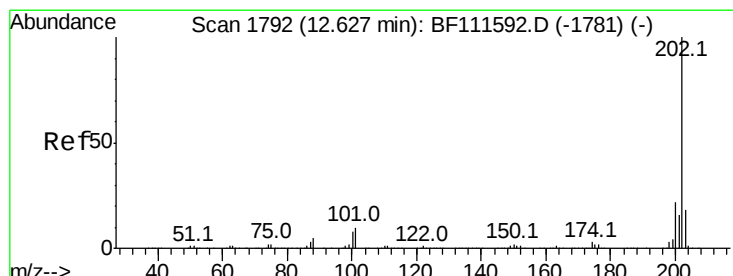
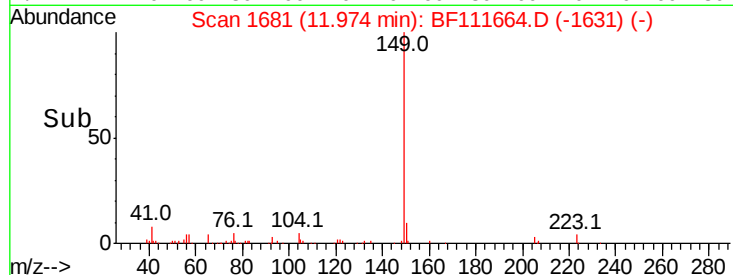
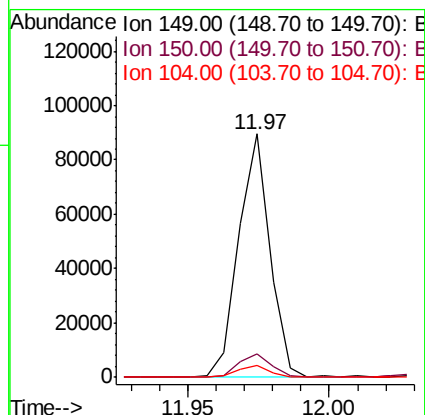
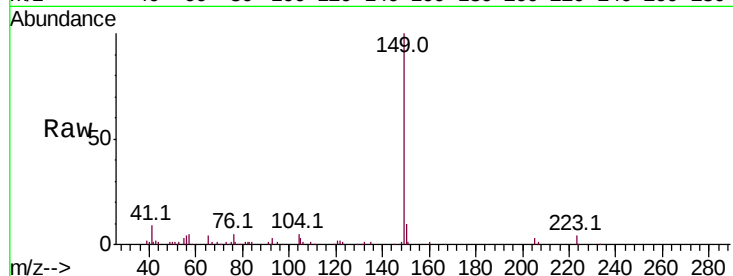
#74
Di-n-butylphthalate
Concen: 2.497 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.7	8.8	13.2
104	4.7	4.5	6.7

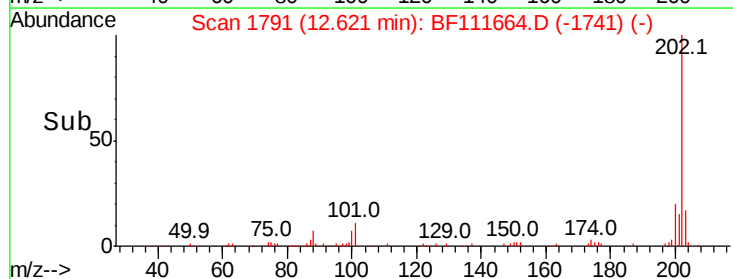
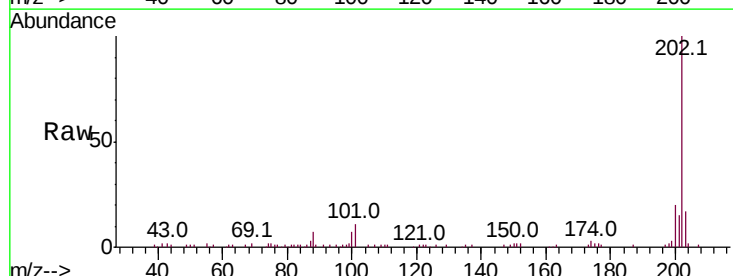
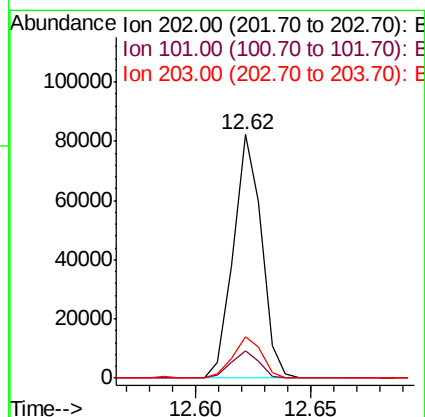
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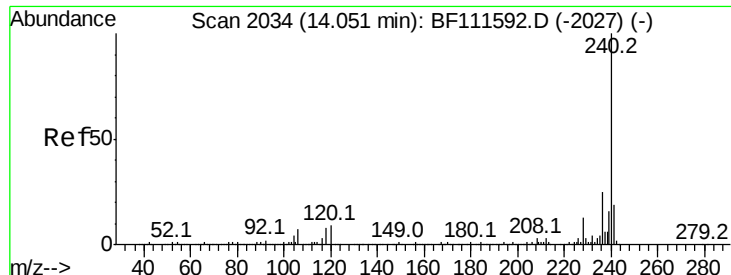
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#75
Fluoranthene
Concen: 2.736 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.1	0.0	33.8
203	17.2	0.0	38.6





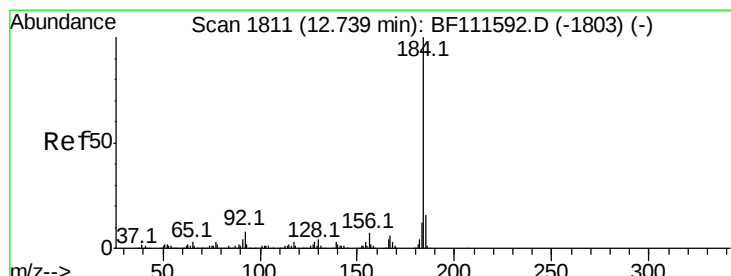
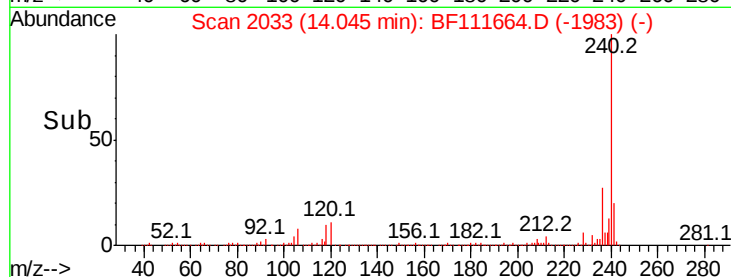
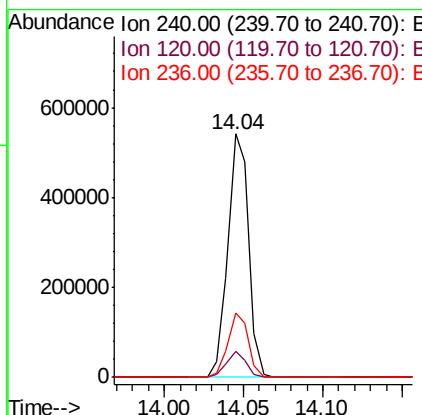
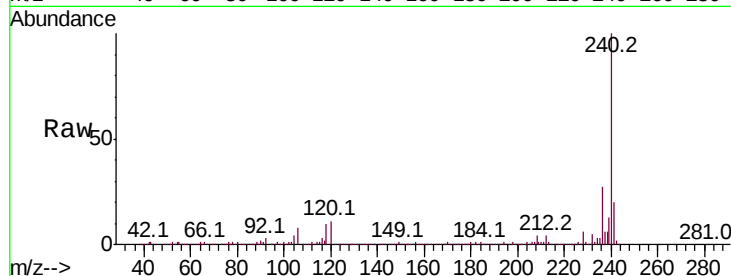
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.5	12.2	18.2#	
236	26.5	20.2	30.2	

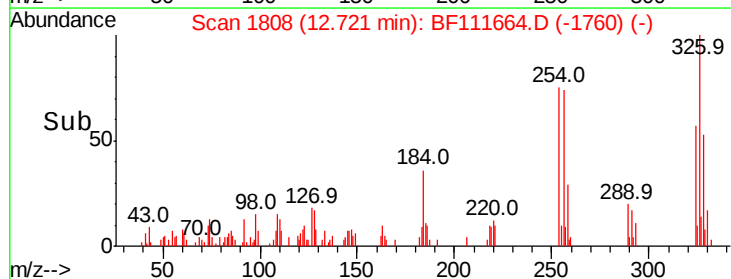
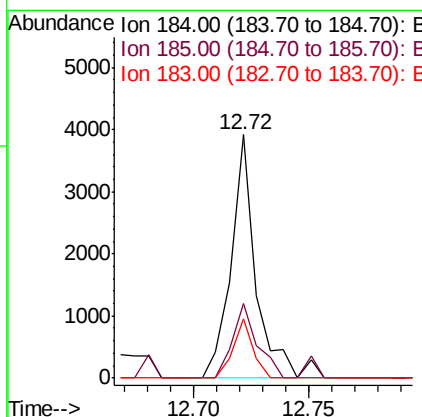
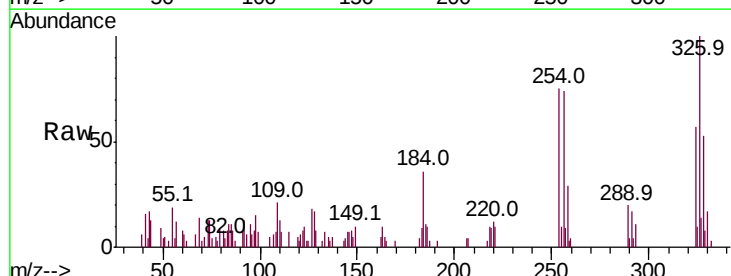
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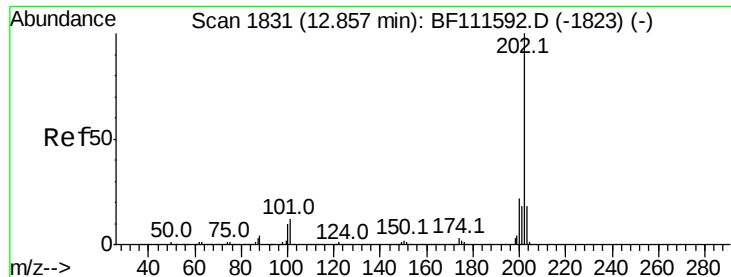
Sohil
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#77
 Benzidine
 Concen: 0.160 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.02 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	30.6	13.0	19.6#	
183	24.2	9.3	13.9#	





#78

Pvrene

Concen: 2.101 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

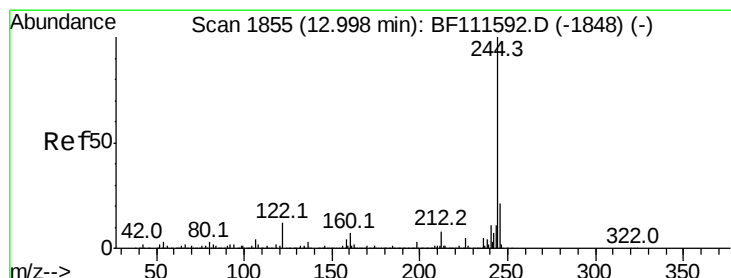
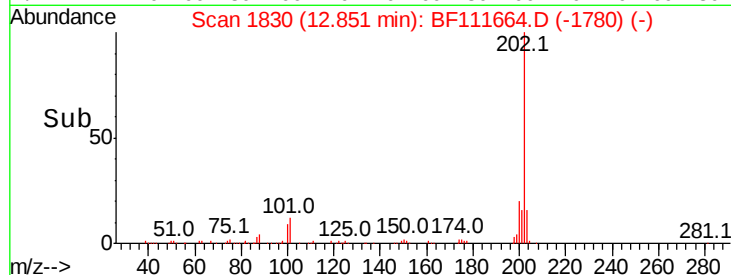
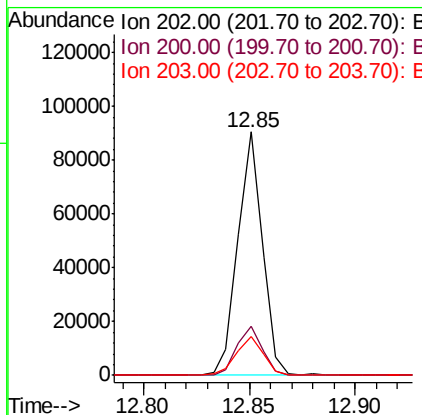
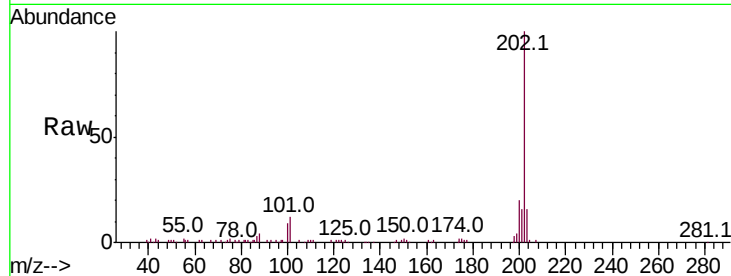
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	202	Resp:	72760
Ion Ratio	Lower	Upper	
202	100		
200	20.4	19.0	28.4
203	16.1	15.2	22.8

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#79

Terphenyl-d14

Concen: 4.084 ng

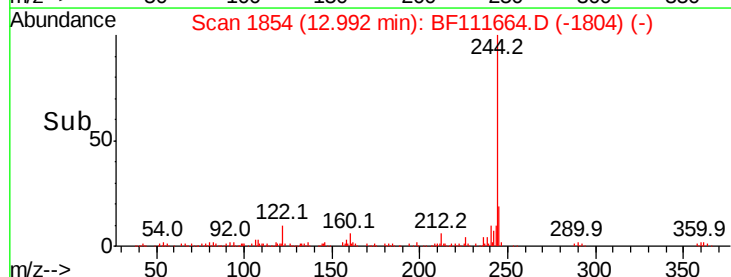
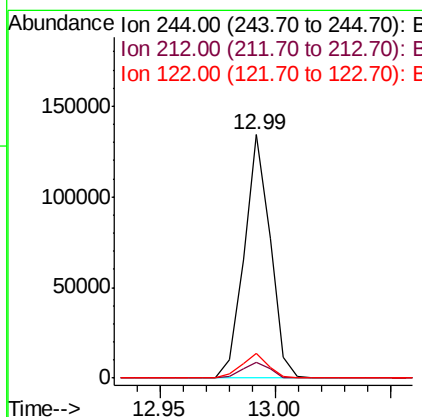
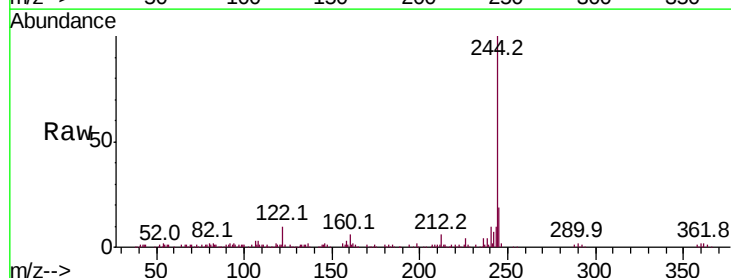
RT: 12.99 min Scan# 1854

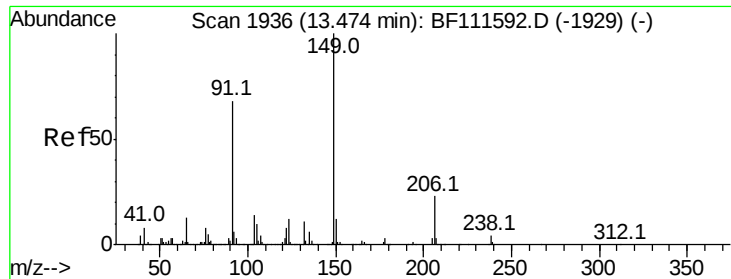
Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	244	Resp:	105618
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.7	8.5
122	10.3	13.1	19.7#





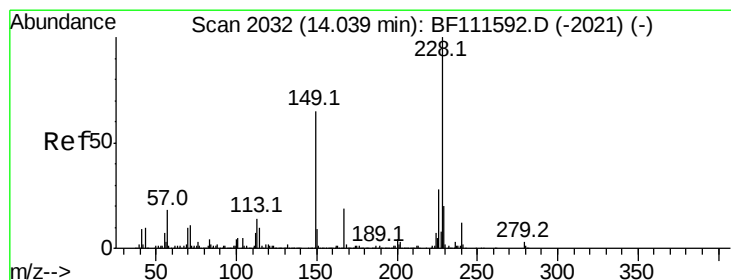
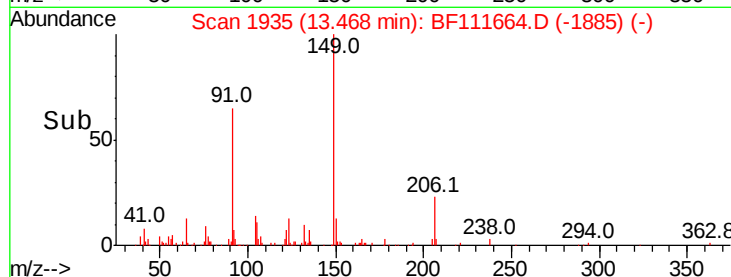
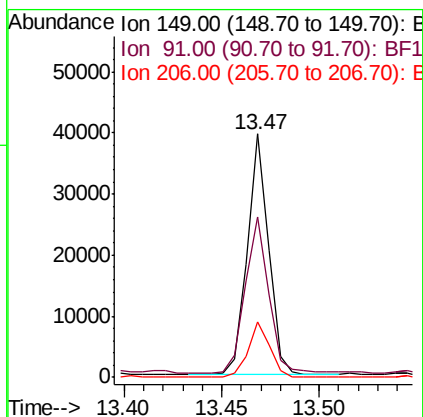
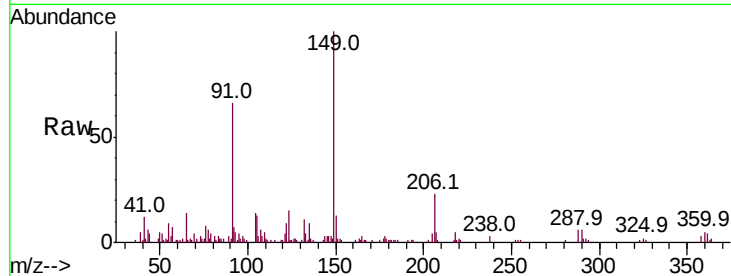
#80
Butylbenzylphthalate
Concen: 2.116 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	63.8	95.6
206	23.0	15.1	22.7

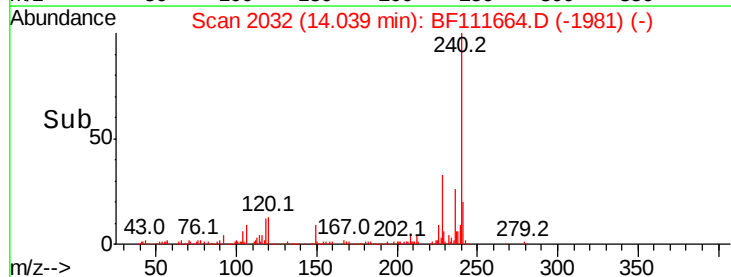
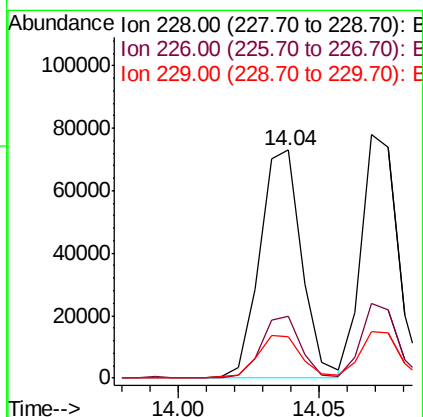
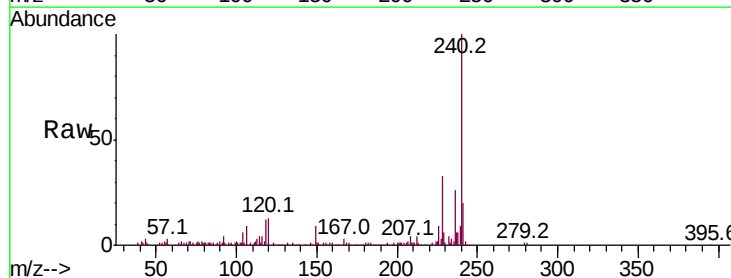
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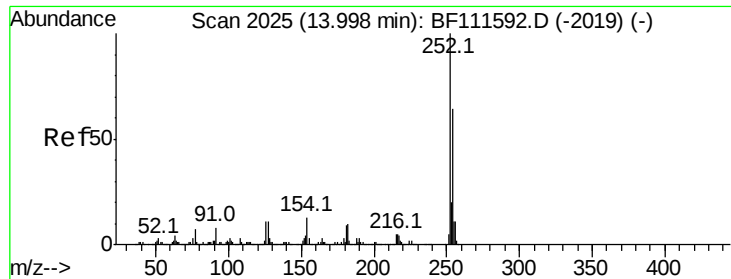
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#81
Benzo(a)anthracene
Concen: 2.685 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	18.3	16.3	24.5





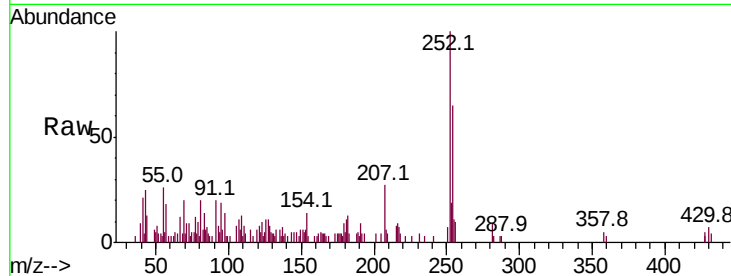
#82
 3,3'-Dichlorobenzidine
 Concen: 0.922 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

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

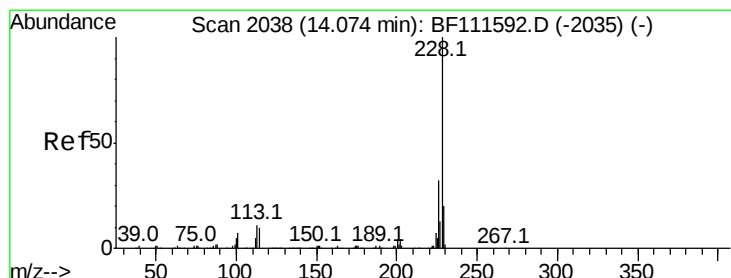
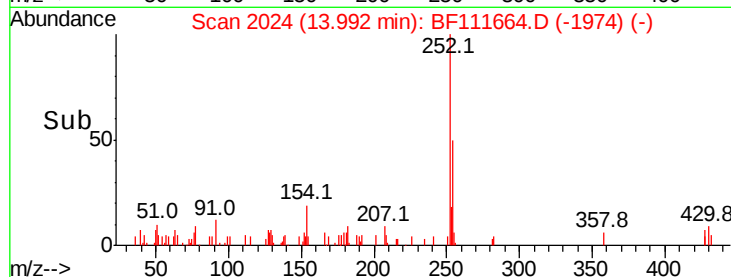
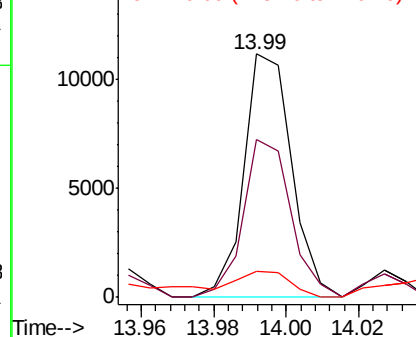
Tot Ion:	252	Resp:	10194
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.7	79.1
126	10.6	11.1	16.7#

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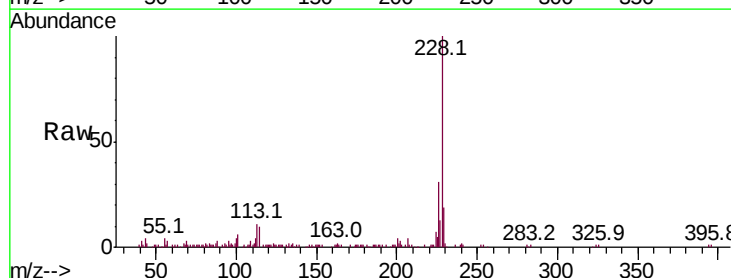


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

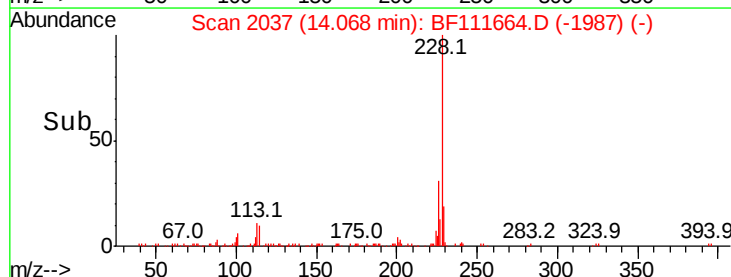
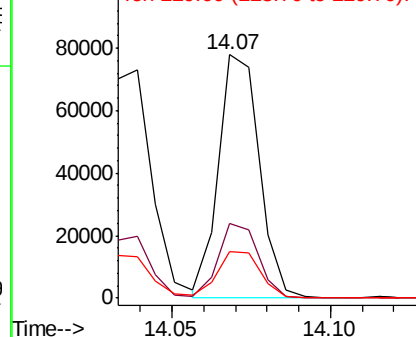


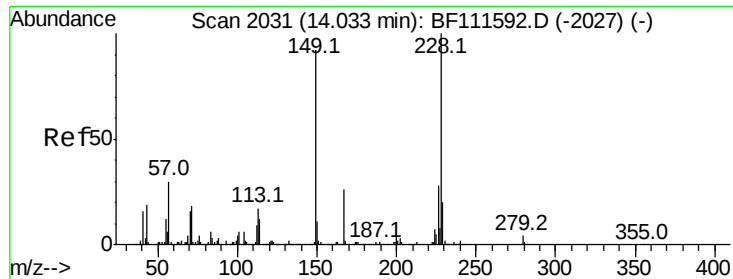
#83
 Chrysene
 Concen: 2.514 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

Tgt Ion:	228	Resp:	69152
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.3	37.9
229	19.2	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.325 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Instrument :

BNA_F

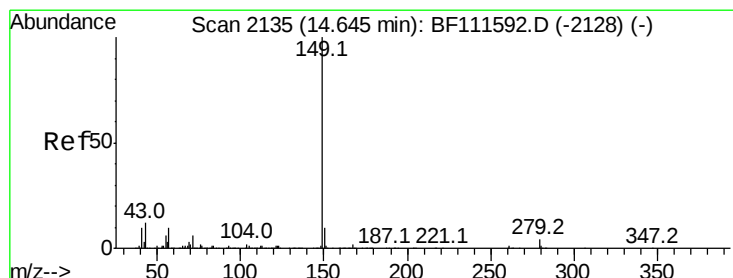
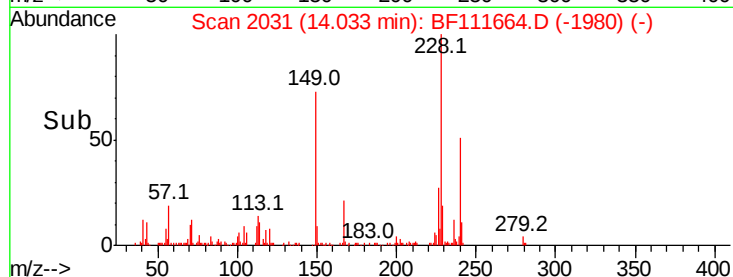
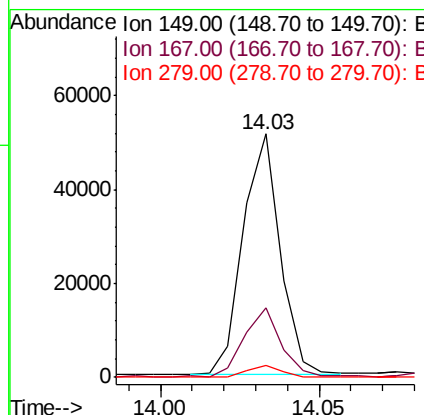
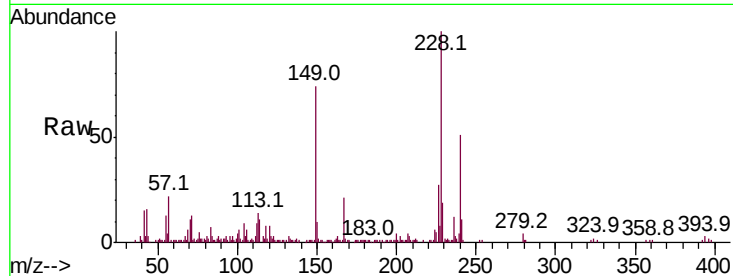
ClientSampleId :

P001-SS025-1218-01MSD

Tot Ion:	149	Resp:	41342
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.5	33.7
279	5.0	2.6	4.0#

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#85

Di-n-octyl phthalate

Concen: 2.658 ng

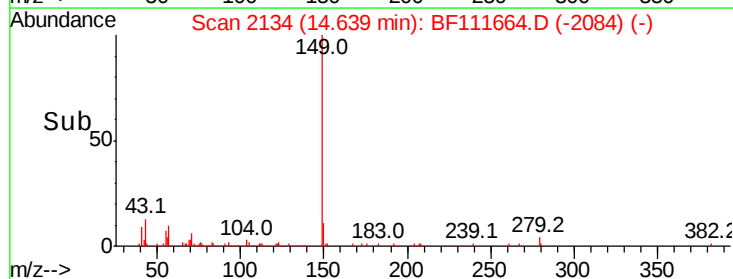
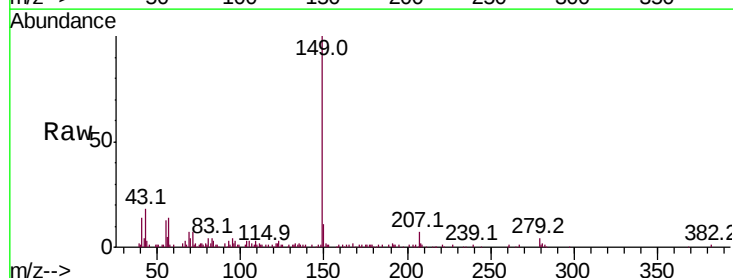
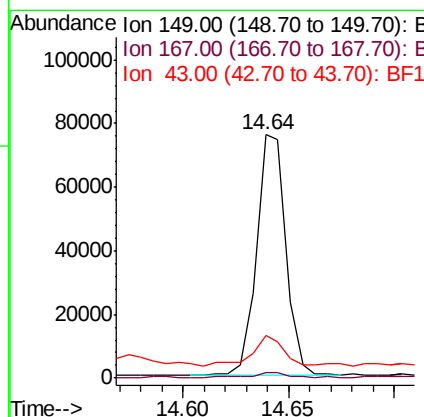
RT: 14.64 min Scan# 2134

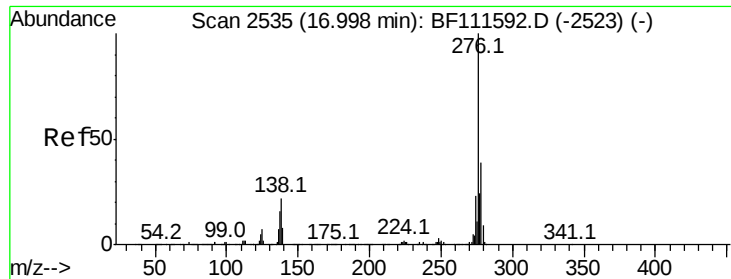
Delta R.T. -0.01 min

Lab File: BF111664.D

Acq: 21 Dec 2018 2:59

Tgt Ion:	149	Resp:	73243
Ion Ratio	Lower	Upper	
149	100		
167	3.1	1.3	1.9#
43	12.9	10.9	16.3





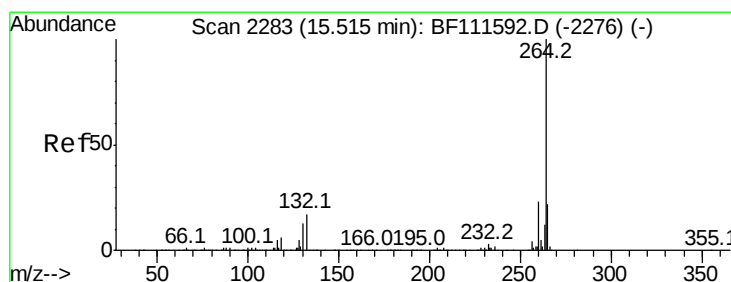
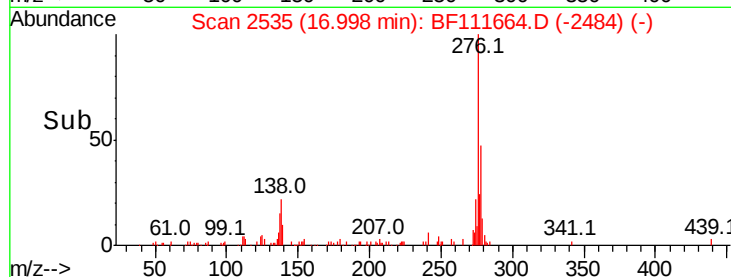
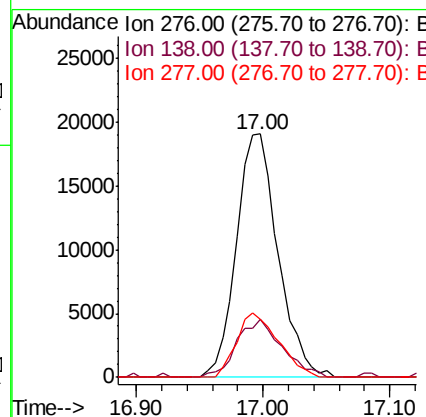
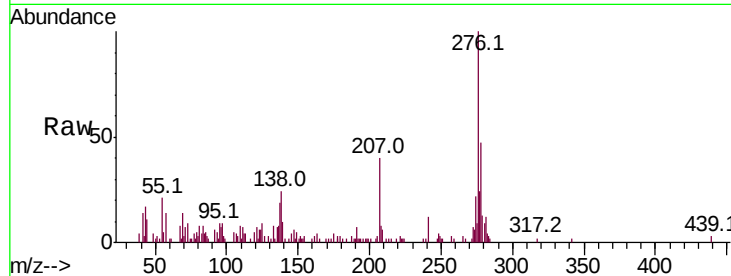
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.850 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	27.8	41.6#
277	26.7	20.1	30.1

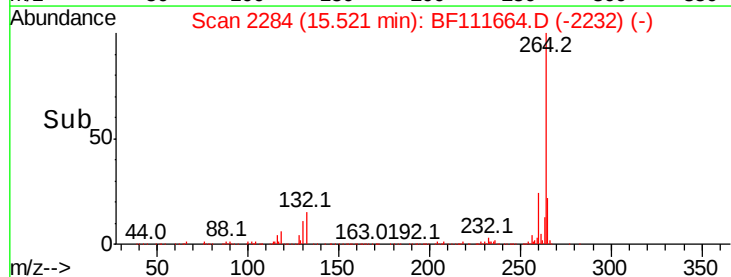
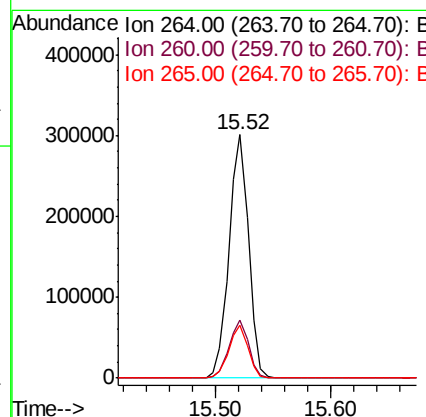
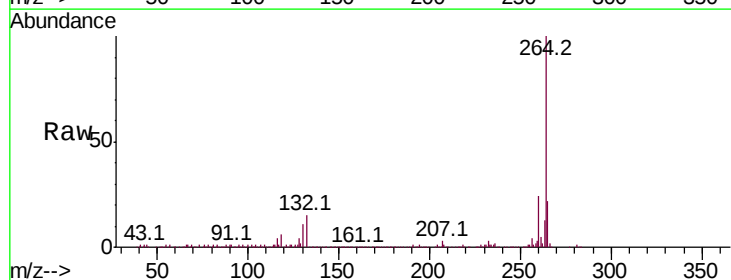
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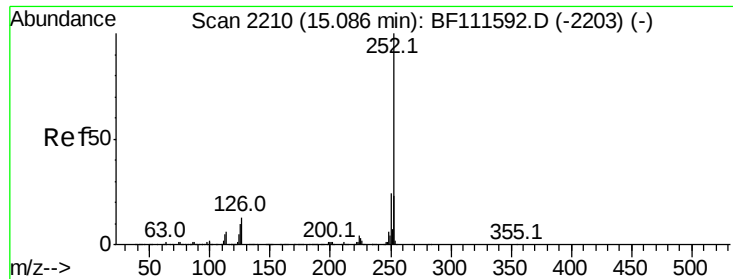
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.8	17.7	26.5





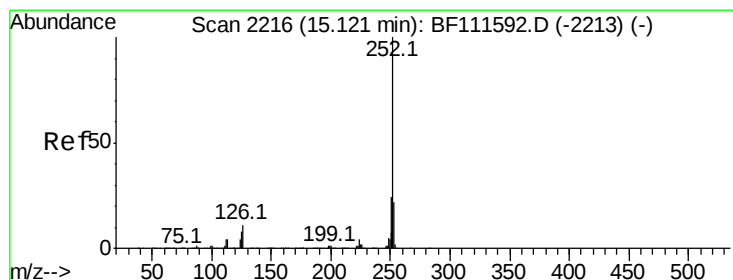
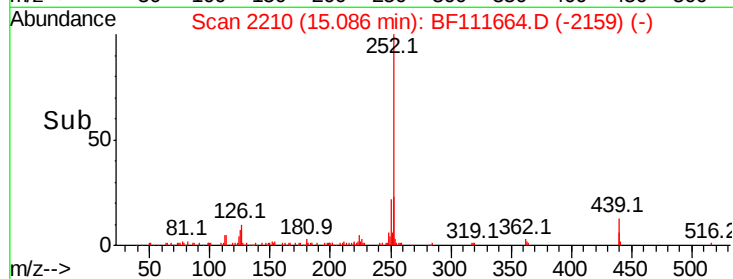
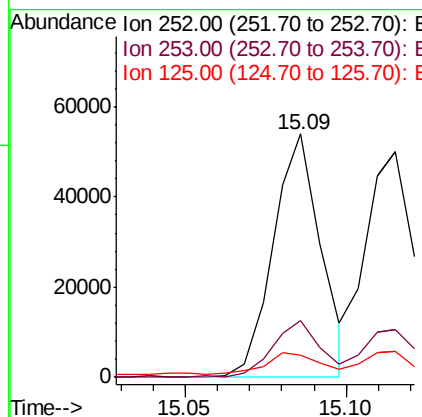
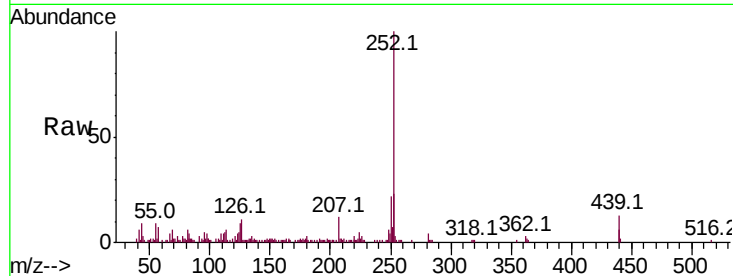
#88
Benzo(b)fluoranthene
Concen: 2.695 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	9.3	10.4	15.6

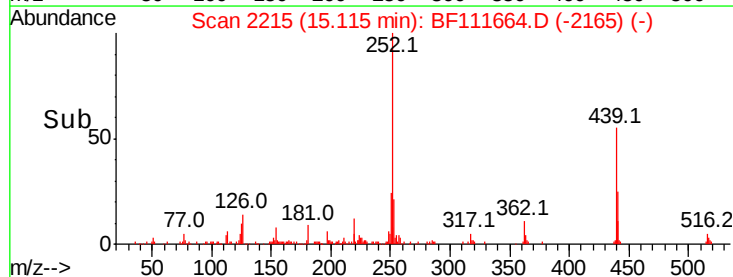
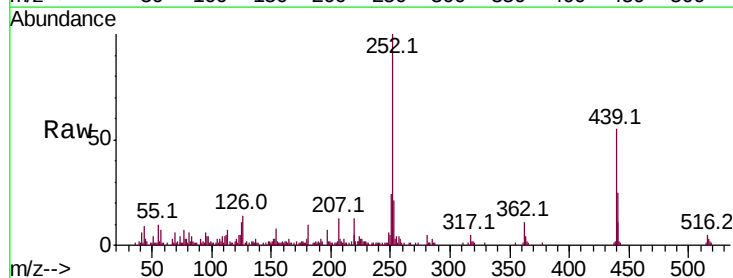
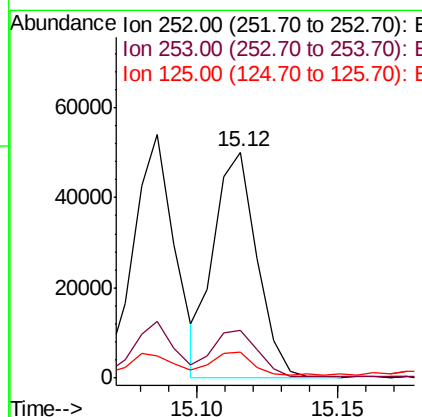
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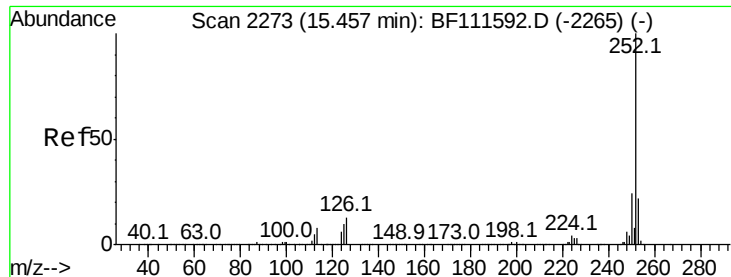
Sohil
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#89
Benzo(k)fluoranthene
Concen: 2.725 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	11.3	9.8	14.8





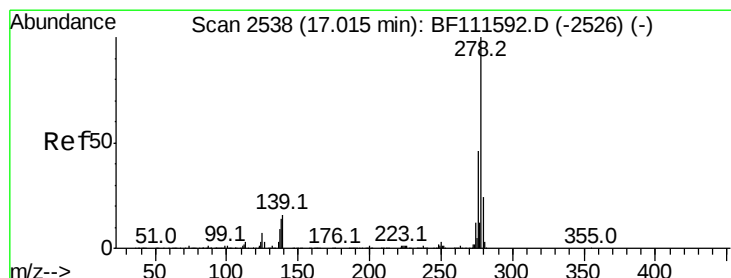
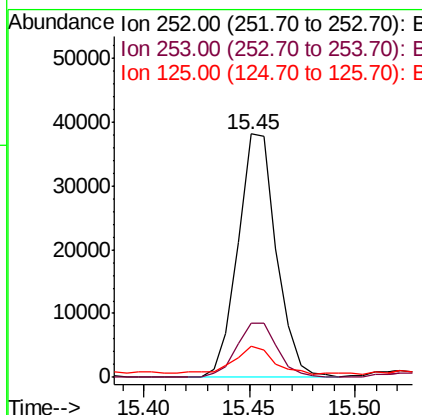
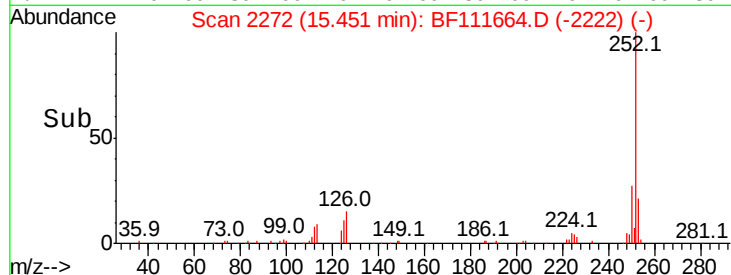
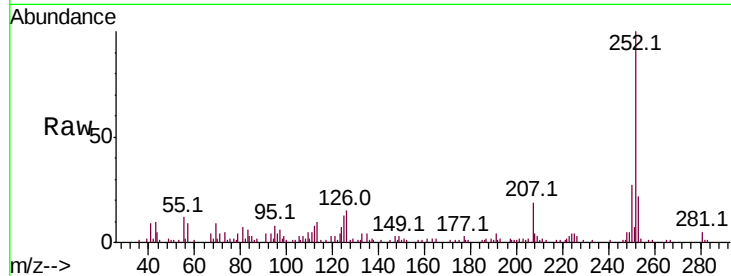
#90
Benzo(a)pyrene
Concen: 2.575 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	12.6	12.3	18.5

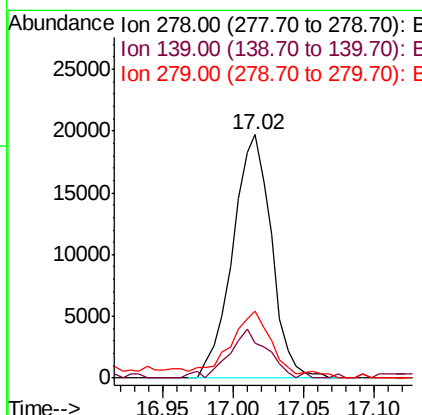
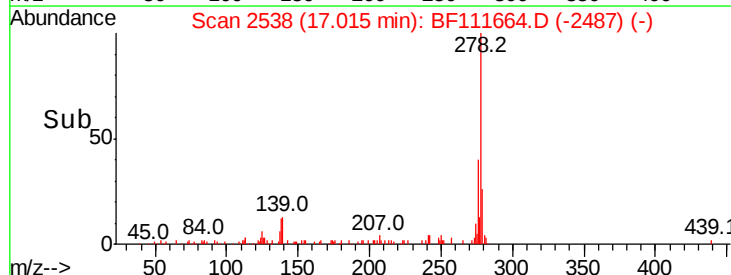
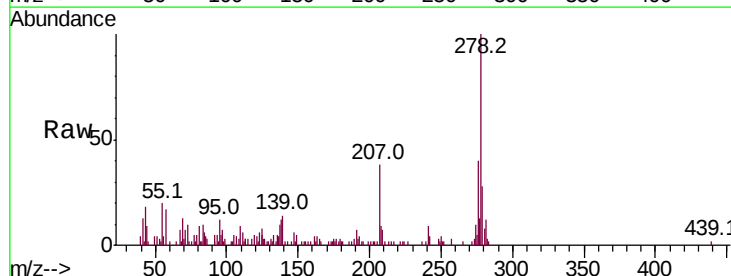
Manual Integrations
APPROVED

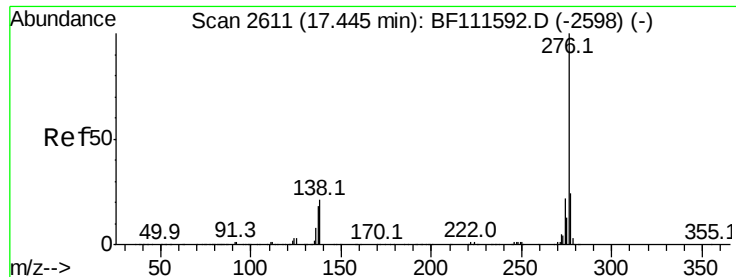
Sohil
12/21/2018 2:46:59 PM



#91
Dibenzo(a,h)anthracene
Concen: 2.306 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BF111664.D
Acq: 21 Dec 2018 2:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	18.2	27.4#
279	27.8	19.0	28.6





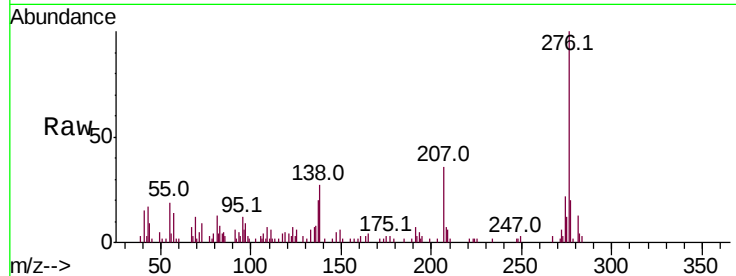
#92
 Benzo(a,h,i)perylene
 Concen: 2.145 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF111664.D
 Acq: 21 Dec 2018 2:59

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

Tot Ion:	276	Resp:	34397
Ion Ratio		Lower	Upper
276	100		
277	20.1	19.2	28.8
138	27.0	24.9	37.3

Manual Integrations
 APPROVED

Sohil
 12/21/2018 2:46:59 PM



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

