

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111038.D
 Acq On : 28 Nov 2018 5:16
 Operator : JU/SJ
 Sample : PB115099BSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Manual Integrations
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 11/28/2018 4:57:03 PM

Quant Time: Nov 28 06:23:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	46802	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	177655	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	69335	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	125530	20.00	ng	0.00
76) Chrysene-d12	14.13	240	98235	20.00	ng	0.00
87) Perylene-d12	15.67	264	65178	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	222948	79.00	ng	0.01
7) Phenol-d6	6.57	99	265693	72.24	ng	0.00
23) Nitrobenzene-d5	7.50	82	234478	75.54	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	46613	67.69	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	405387	84.71	ng	0.00
79) Terphenyl-d14	13.06	244	379373	75.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	39737	29.389	ng	# 82
3) Pyridine	3.61	79	103411	34.927	ng	86
4) n-Nitrosodimethylamine	3.57	42	52124	38.473	ng	88
6) Aniline	6.61	93	51105	11.240	ng	# 62
8) 2-Chlorophenol	6.72	128	119034	35.589	ng	95
9) Benzaldehyde	6.50	77	73163	36.334	ng	96
10) Phenol	6.58	94	137769	33.262	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	111660	35.783	ng	94
12) 1,3-Dichlorobenzene	6.87	146	127196	34.616	ng	99
13) 1,4-Dichlorobenzene	6.95	146	131841	34.891	ng	98
14) 1,2-Dichlorobenzene	7.10	146	121798	34.248	ng	98
15) Benzyl Alcohol	7.08	79	95939	33.943	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	170651	34.363	ng	82
17) 2-Methylphenol	7.19	107	89020	33.474	ng	# 88
18) Hexachloroethane	7.44	117	38408	27.633	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	79642	33.243	ng	95
20) 3+4-Methylphenols	7.35	107	119021	33.668	ng	# 49
22) Acetophenone	7.35	105	161816	38.859	ng	# 92
24) Nitrobenzene	7.52	77	114762	35.551	ng	96
25) Isophorone	7.76	82	204224	40.107	ng	97
26) 2-Nitrophenol	7.84	139	47349	30.191	ng	99
27) 2,4-Dimethylphenol	7.87	122	97766	41.279	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	131441	38.531	ng	100
29) 2,4-Dichlorophenol	8.09	162	85449	34.478	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	96380	34.700	ng	95
31) Naphthalene	8.24	128	309825	37.204	ng	99
32) Benzoic acid	7.99	122	36196m	20.556	ng	
33) 4-Chloroaniline	8.31	127	30822	8.696	ng	98
34) Hexachlorobutadiene	8.35	225	55661	35.185	ng	98
35) Caprolactam	8.66	113	23985	28.347	ng	94
36) 4-Chloro-3-methylphenol	8.78	107	85938	31.208	ng	94
37) 2-Methylnaphthalene	8.93	142	196877	35.792	ng	99
38) 1-Methylnaphthalene	9.03	142	182636	34.136	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	81090	37.178	ng	98

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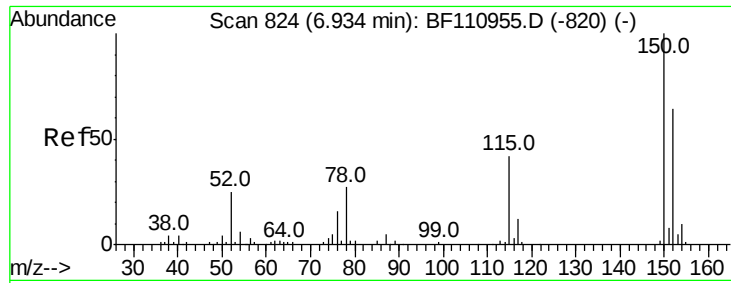
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	47950	36.810	nq	94
44) 2,4,5-Trichlorophenol	9.27	196	50892	37.103	nq	94
46) 1,1'-Biphenyl	9.40	154	228728	35.782	nq	99
47) 2-Chloronaphthalene	9.43	162	169453	36.561	nq	99
48) 2-Nitroaniline	9.53	65	54393	37.520	nq	95
49) Acenaphthylene	9.85	152	253065	38.398	nq	99
50) Dimethylphthalate	9.69	163	197035	38.748	nq	100
51) 2,6-Dinitrotoluene	9.77	165	36661	32.385	nq	96
52) Acenaphthene	10.01	154	151791	35.927	nq	98
53) 3-Nitroaniline	9.95	138	34710	26.307	nq	90
54) 2,4-Dinitrophenol	10.12	184	765	5.541	nq	# 1
55) Dibenzofuran	10.19	168	217793	35.335	nq	98
56) 4-Nitrophenol	10.12	139	43249	60.079	nq	92
57) 2,4-Dinitrotoluene	10.19	165	44056	29.996	nq	# 80
58) Fluorene	10.53	166	174052	36.294	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	41138	36.545	nq	96
60) Diethylphthalate	10.39	149	188231	35.896	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	82684	32.964	nq	98
62) 4-Nitroaniline	10.57	138	42271	34.409	nq	94
63) Azobenzene	10.67	77	169561	33.175	nq	96
65) 4,6-Dinitro-2-methylphenol	10.63	198	668	1.125	nq	# 1
66) n-Nitrosodiphenylamine	10.63	169	150597	36.038	nq	98
67) 4-Bromophenyl-phenylether	11.01	248	47384	34.660	nq	96
68) Hexachlorobenzene	11.09	284	48280	33.155	nq	95
69) Atrazine	11.16	200	48514	42.547	nq	99
70) Pentachlorophenol	11.29	266	37410	64.573	nq	97
71) Phenanthrene	11.50	178	253314	38.101	nq	98
72) Anthracene	11.56	178	265150	39.161	nq	98
73) Carbazole	11.72	167	233677	35.558	nq	99
74) Di-n-butylphthalate	12.02	149	286508	37.288	nq	99
75) Fluoranthene	12.70	202	280946	41.115	nq	99
77) Benzidine	12.82	184	171609	68.298	nq	97
78) Pyrene	12.93	202	288954	40.273	nq	98
80) Butylbenzylphthalate	13.52	149	130561	40.305	nq	100
81) Benzo(a)anthracene	14.12	228	226390	39.035	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	73977	37.200	nq	97
83) Chrysene	14.16	228	214830	37.628	nq	97
84) Bis(2-ethylhexyl)phthalate	14.07	149	184209	42.678	nq	99
85) Di-n-octyl phthalate	14.69	149	300972	44.174	nq	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	145848	35.589	nq	98
88) Benzo(b)fluoranthene	15.22	252	150880	39.405	nq	99
89) Benzo(k)fluoranthene	15.24	252	151702	38.492	nq	98
90) Benzo(a)pyrene	15.61	252	140153	39.323	nq	99
91) Dibenzo(a,h)anthracene	17.27	278	121535	41.329	nq	99
92) Benzo(g,h,i)perylene	17.76	276	119789	42.248	nq	98

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



#1

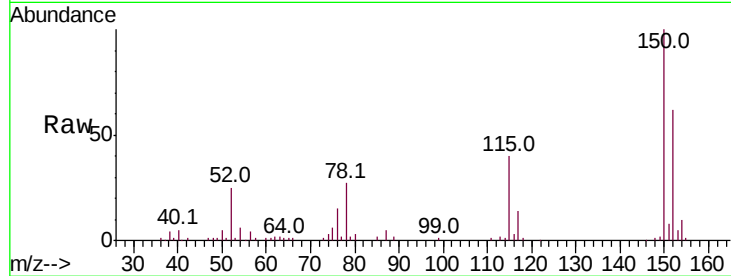
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleID :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	122.7	184.1
115	64.9	49.1	73.7

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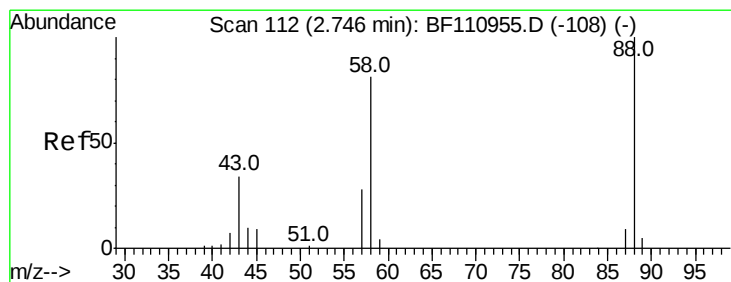
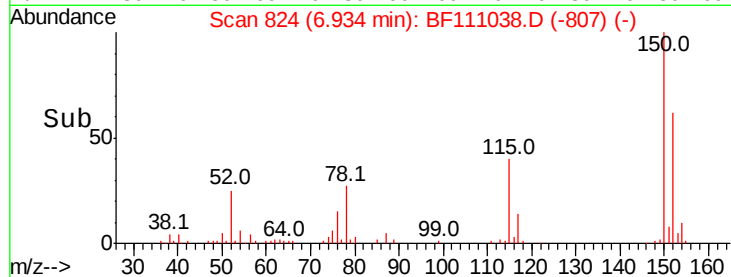
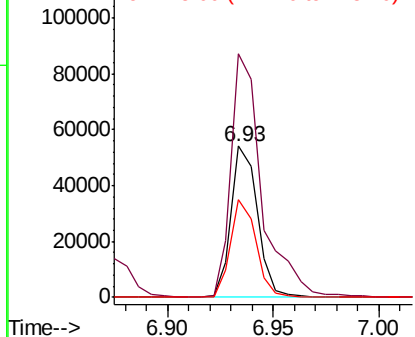


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

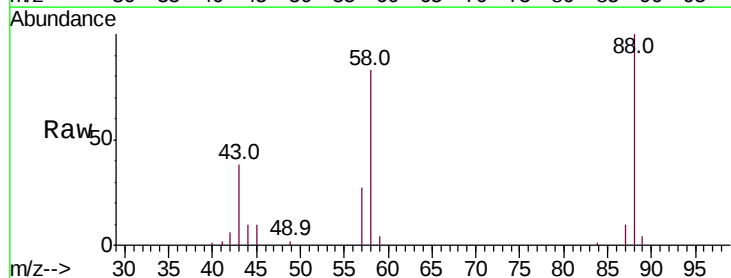
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.389 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.08 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	57.1	85.7#
43	37.3	24.1	36.1#

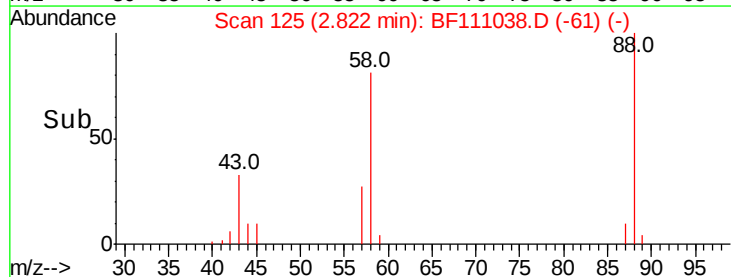
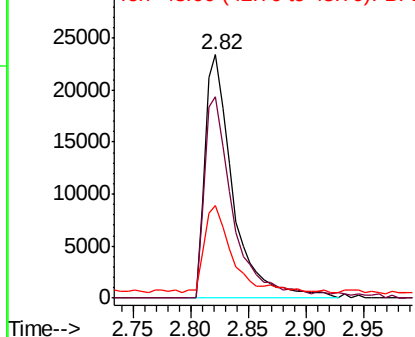


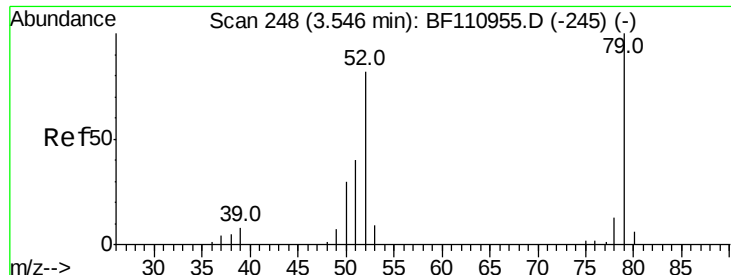
Abundance

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





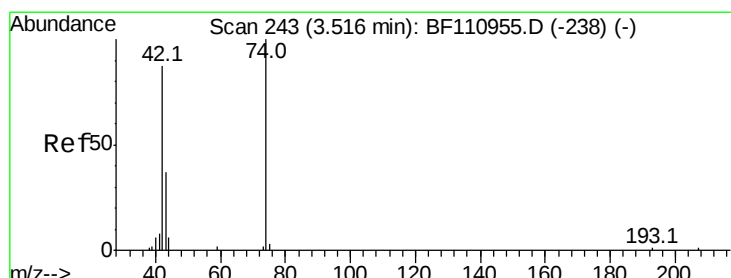
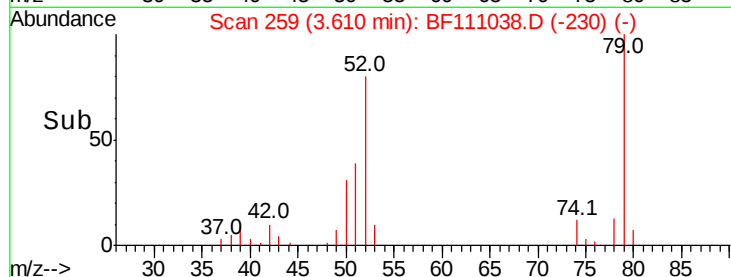
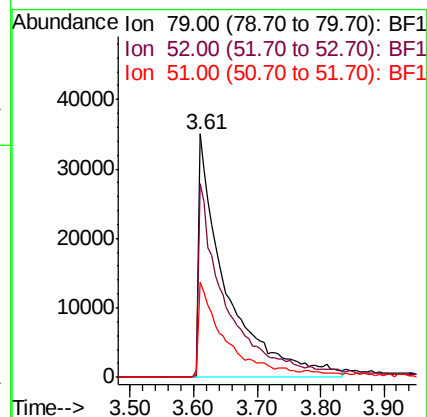
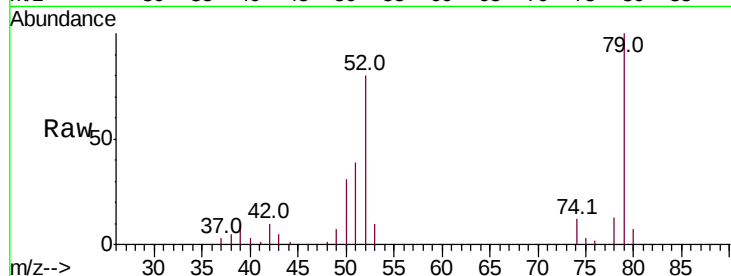
#3
 Pvridine
 Concen: 34.927 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.07 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.5	53.1	79.7
51	39.2	27.4	41.2

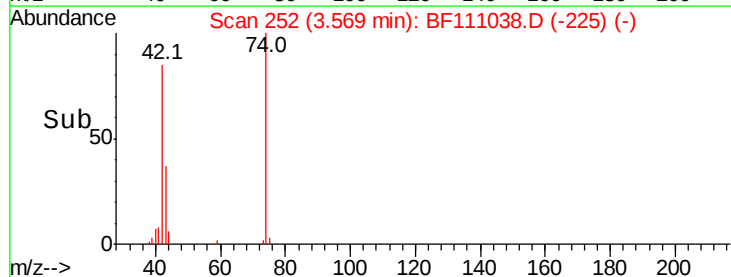
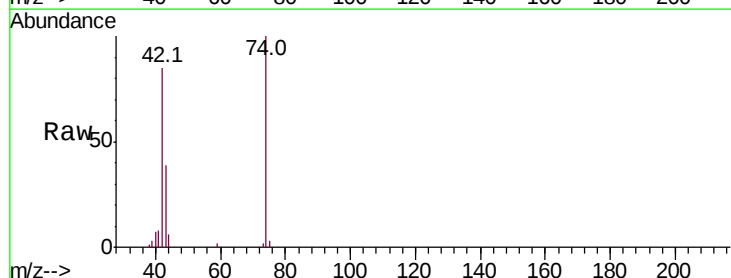
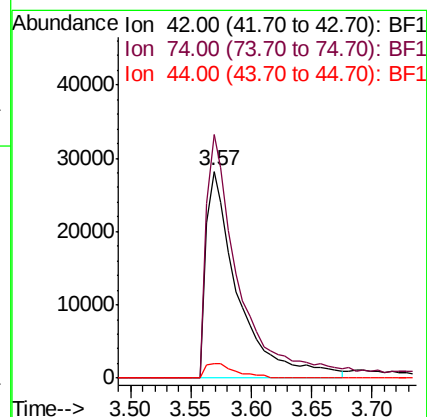
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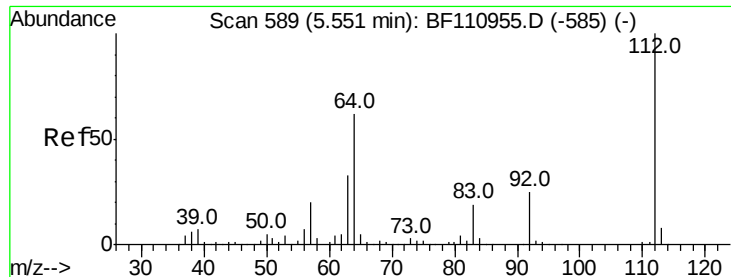
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#4
 n-Nitrosodimethylamine
 Concen: 38.473 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.06 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.9	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 78.996 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

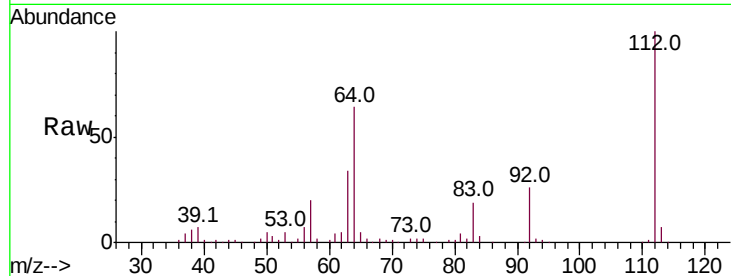
ClientSampleId :

PB115099BSD

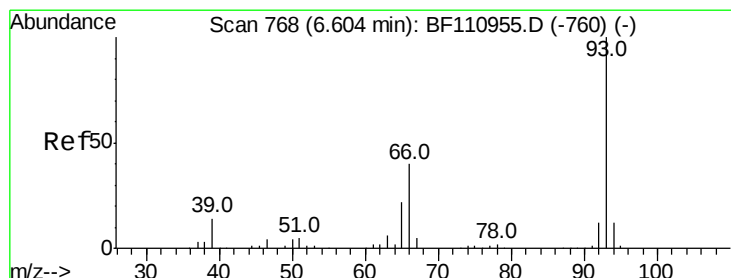
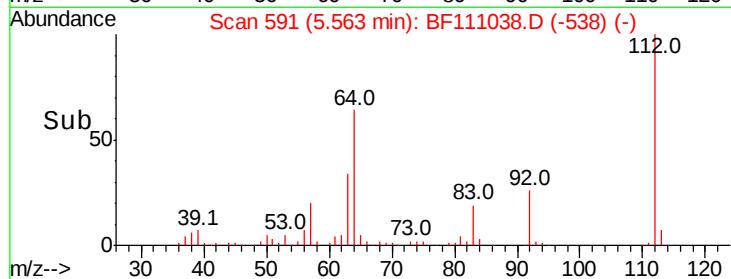
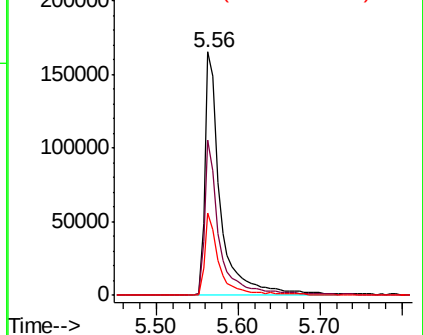
Tot Ion:	112	Resp:	222948
Ion Ratio	Lower	Upper	
112	100		
64	63.5	44.1	66.1
63	34.0	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.240 ng

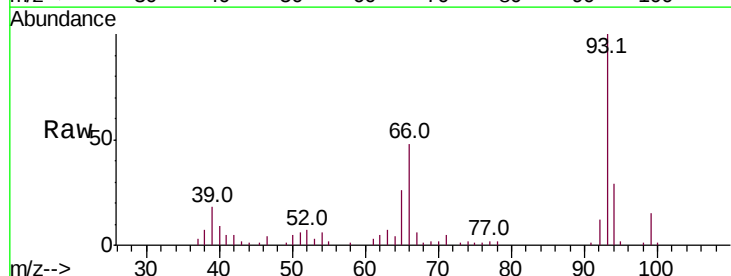
RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

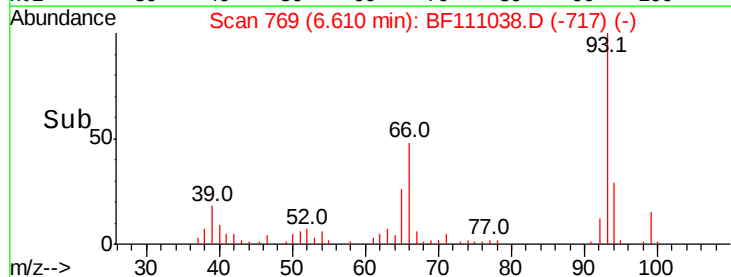
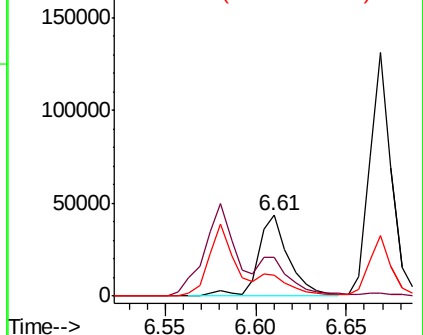
Lab File: BF111038.D

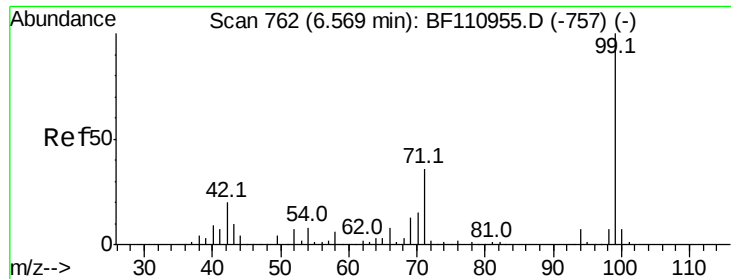
Acq: 28 Nov 2018 5:16

Tgt Ion:	93	Resp:	51105
Ion Ratio	Lower	Upper	
93	100		
66	48.2	67.4	101.0#
65	26.3	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.241 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

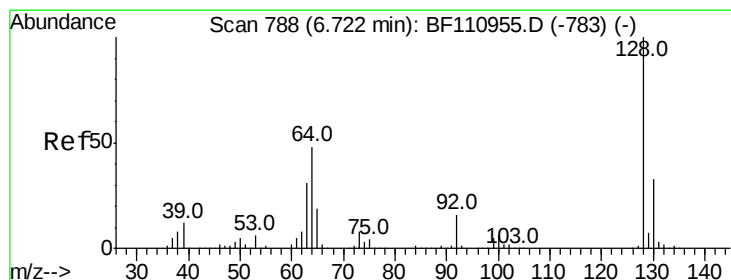
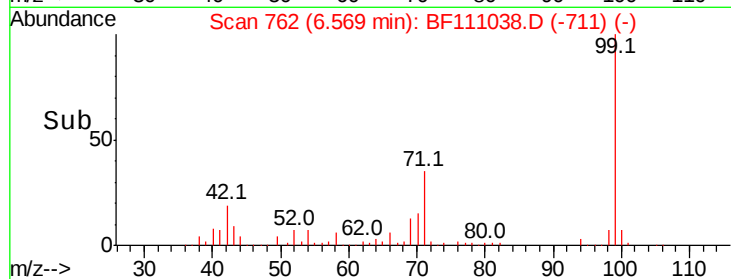
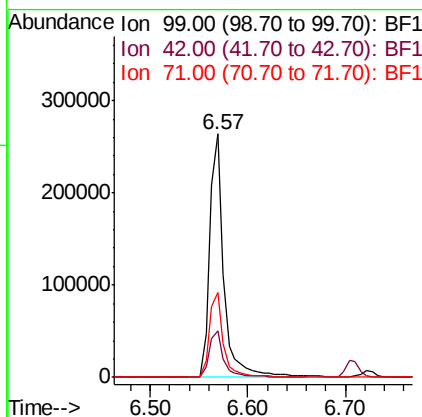
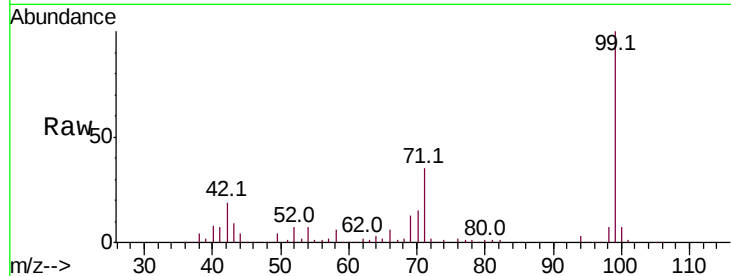
ClientSampleId :

PB115099BSD

Tot Ion:	99	Resp:	265693
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	35.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 35.589 ng

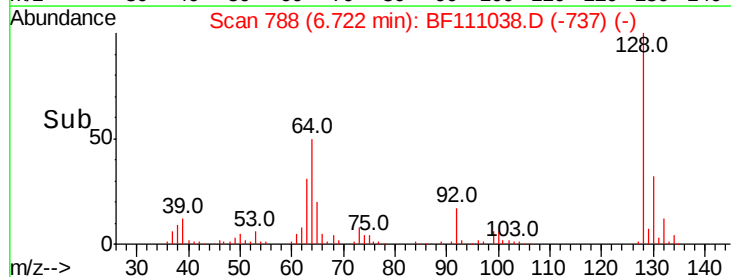
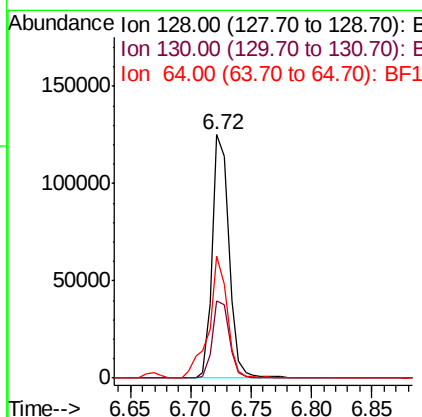
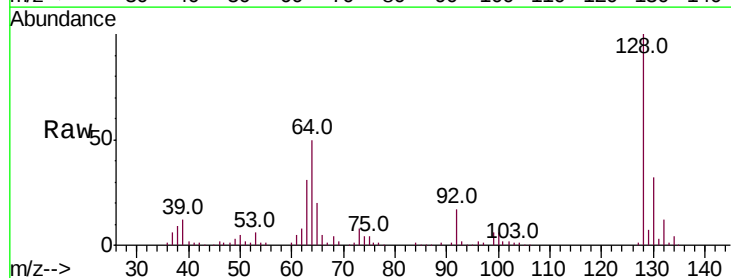
RT: 6.72 min Scan# 788

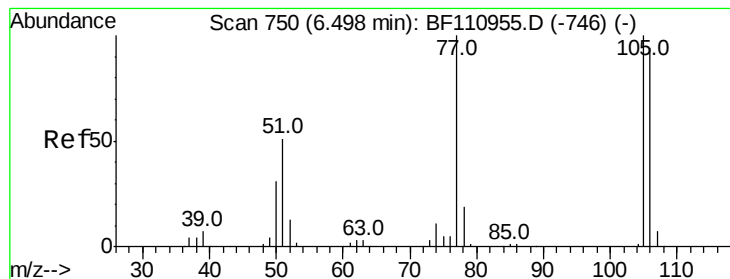
Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	128	Resp:	119034
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.1	53.1
64	50.2	26.0	66.0





#9

Benzaldehyde

Concen: 36.334 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleID :

PB115099BSD

Tot Ion: 77 Resp: 73163

Ion Ratio Lower Upper

77 100

105 103.8 78.6 118.6

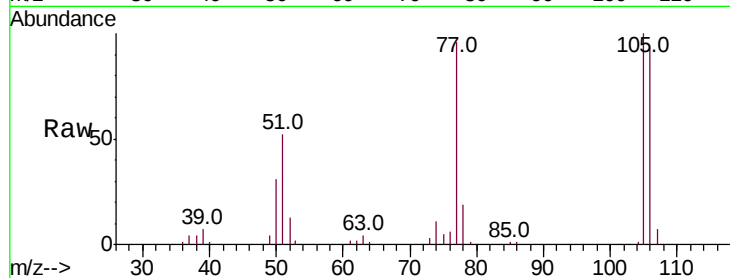
106 96.6 74.8 114.8

Manual Integrations

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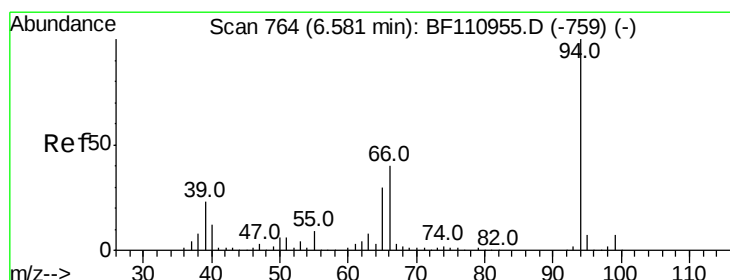
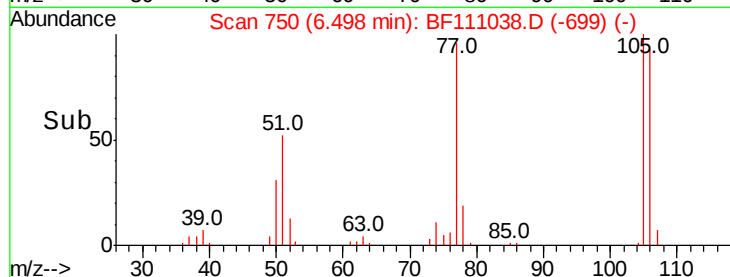
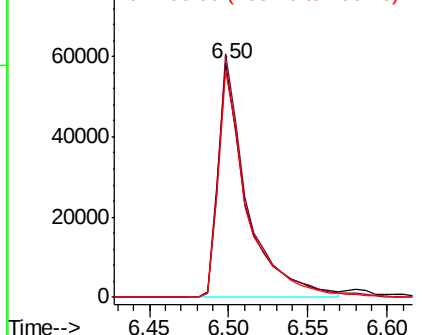
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.262 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

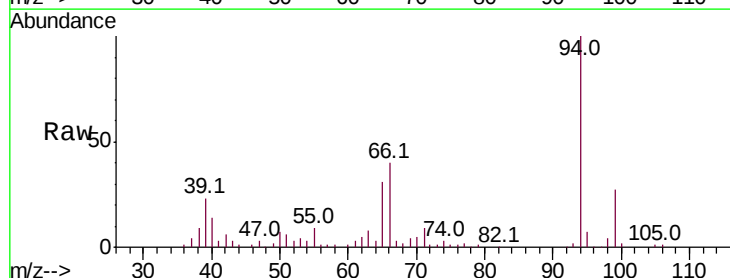
Tgt Ion: 94 Resp: 137769

Ion Ratio Lower Upper

94 100

65 31.0 25.3 65.3

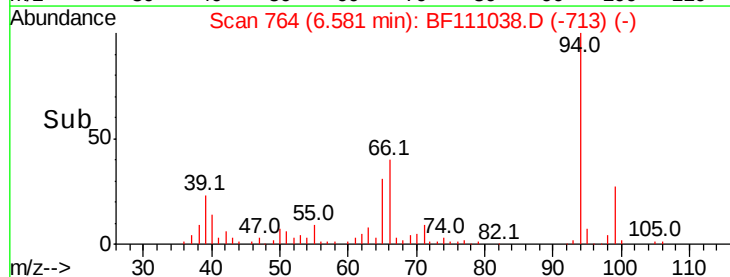
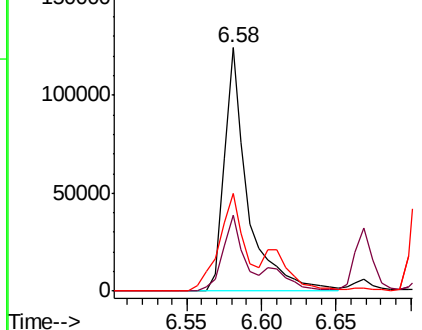
66 40.3 54.5 94.5#

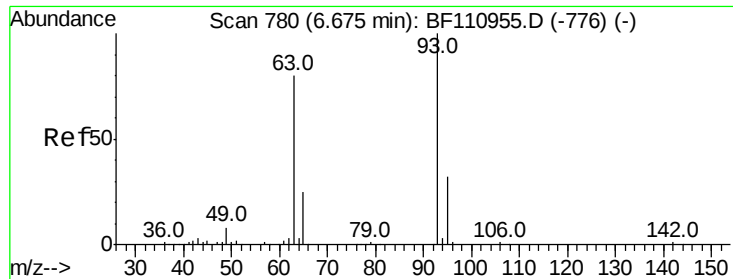


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





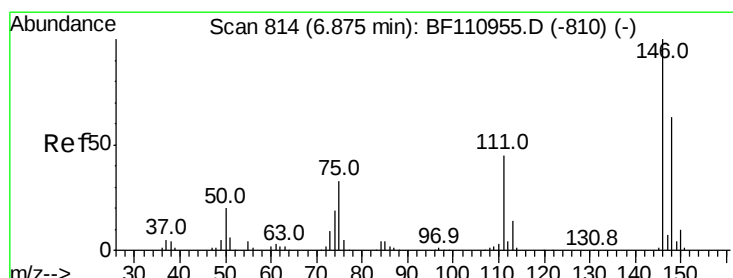
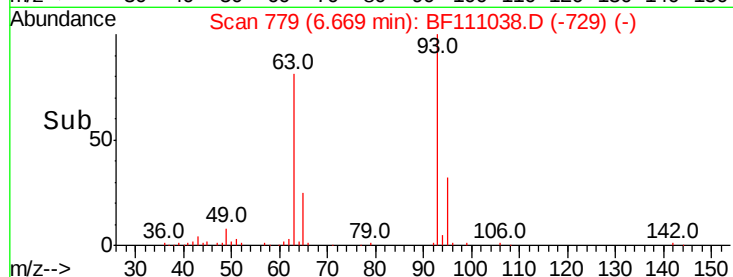
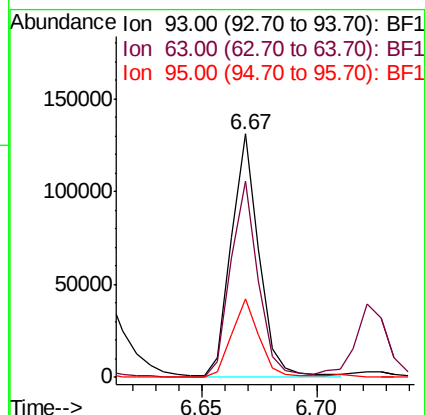
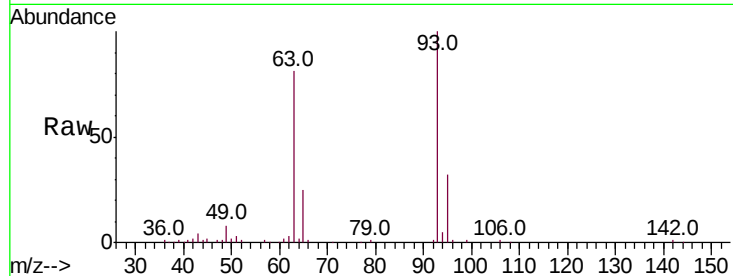
#11
bis(2-Chloroethyl)ether
Concen: 35.783 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	80.7	53.4	93.4	
95	32.3	12.1	52.1	

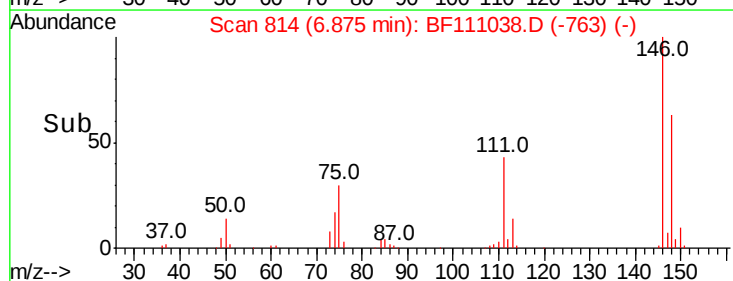
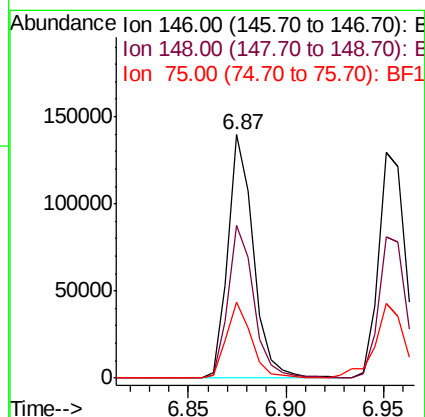
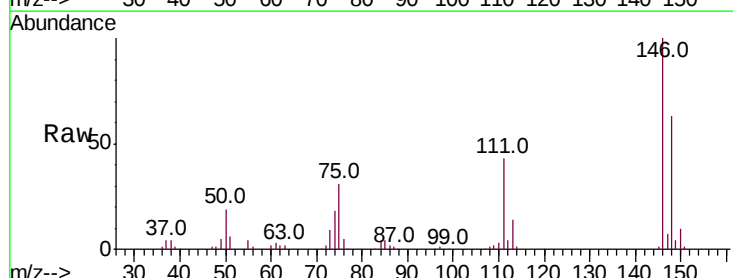
Manual Integrations
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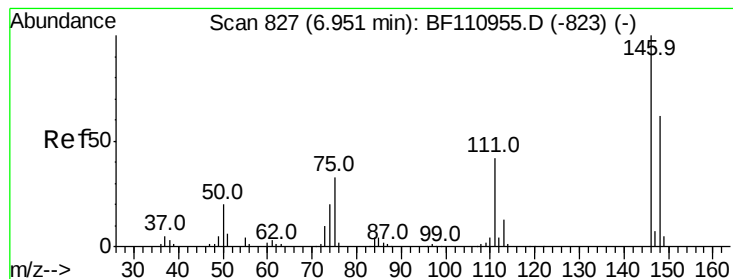
mohammad
11/28/2018 4:57:03 PM



#12
1,3-Dichlorobenzene
Concen: 34.616 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.8	50.4	75.6	
75	31.0	25.8	38.6	





#13

1,4-Dichlorobenzene

Concen: 34.891 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

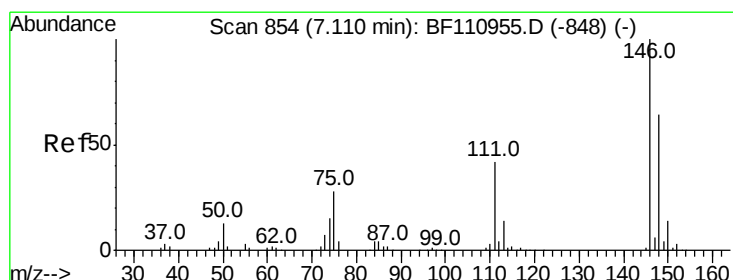
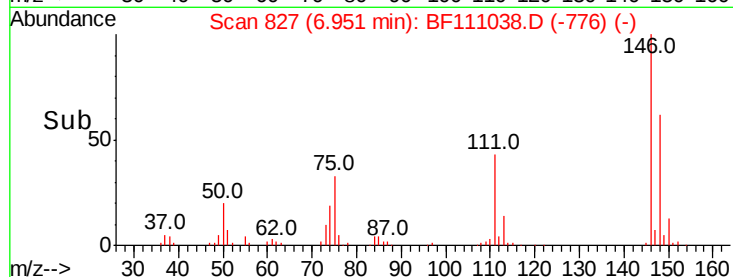
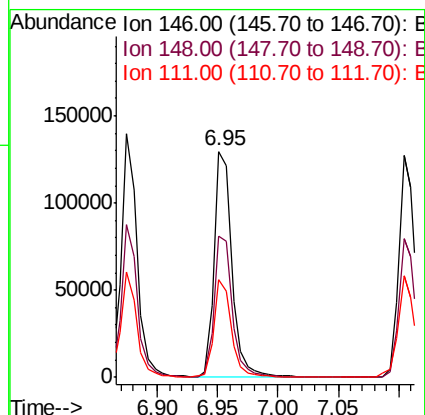
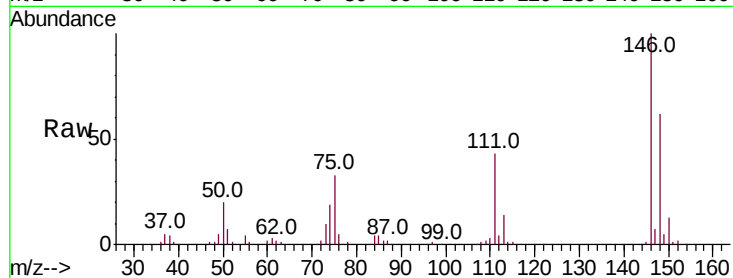
ClientSampleId :

PB115099BSD

Tot Ion:	146	Resp:	131841
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.3	75.5
111	43.5	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 34.248 ng

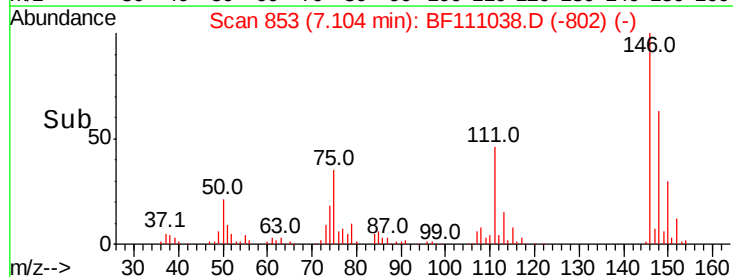
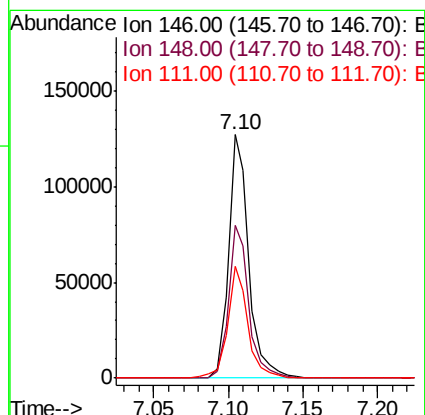
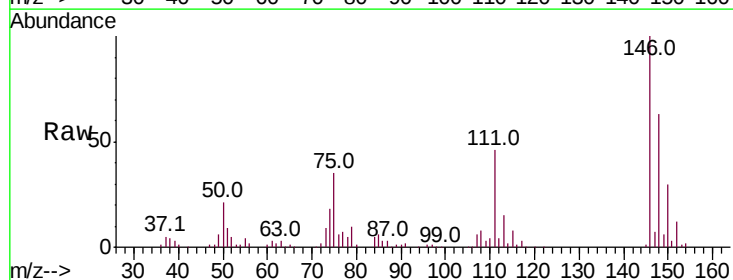
RT: 7.10 min Scan# 853

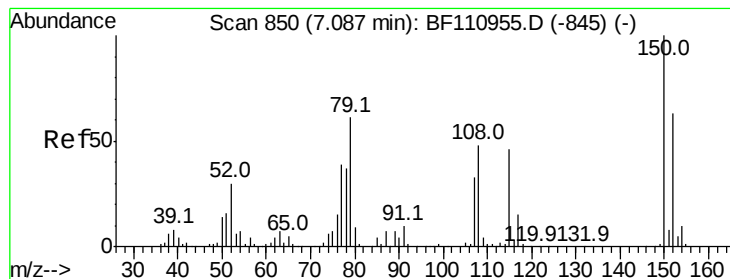
Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	146	Resp:	121798
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.1	76.7
111	45.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 33.943 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleID :

PB115099BSD

Tot Ion: 79 Resp: 95939

Ion Ratio Lower Upper

79 100

108 75.7 56.3 84.5

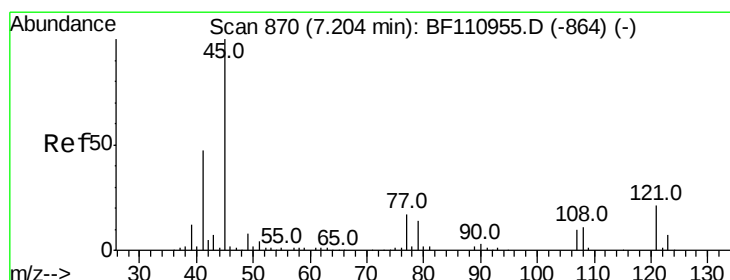
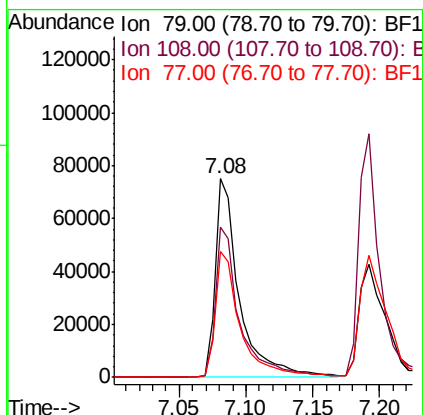
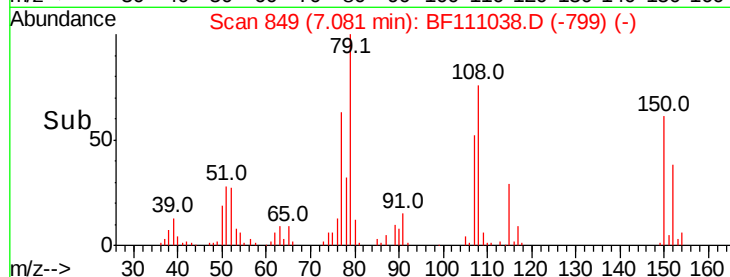
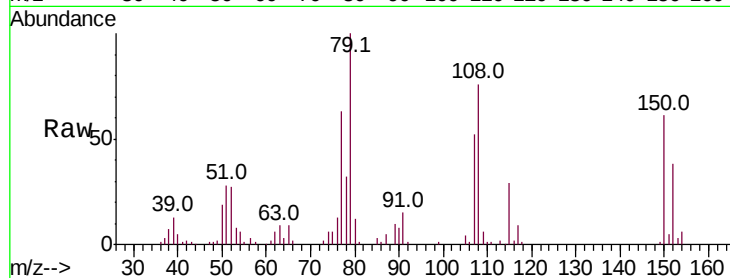
77 63.4 52.9 79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.363 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

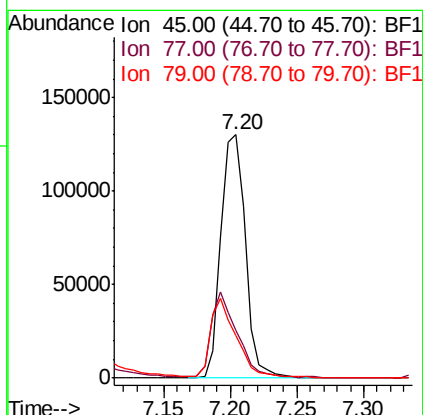
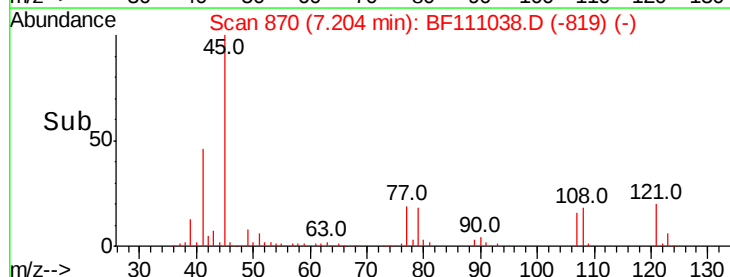
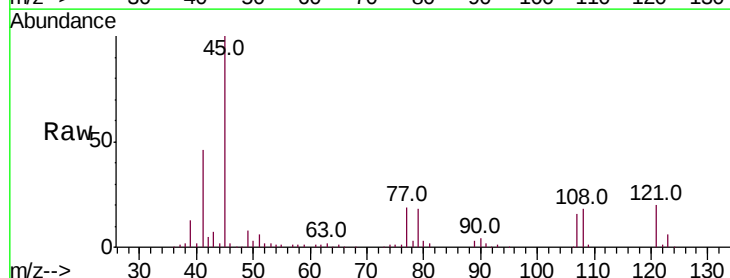
Tgt Ion: 45 Resp: 170651

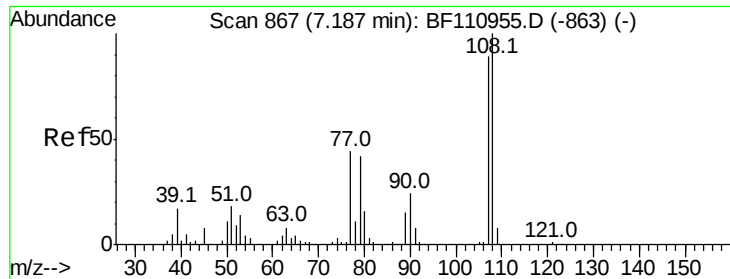
Ion Ratio Lower Upper

45 100

77 19.4 10.0 50.0

79 17.5 6.1 46.1





#17

2-Methylphenol

Concen: 33.474 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

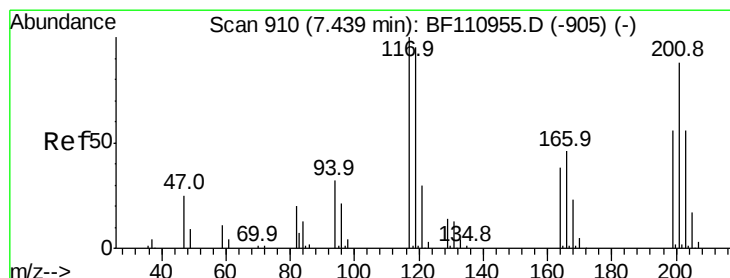
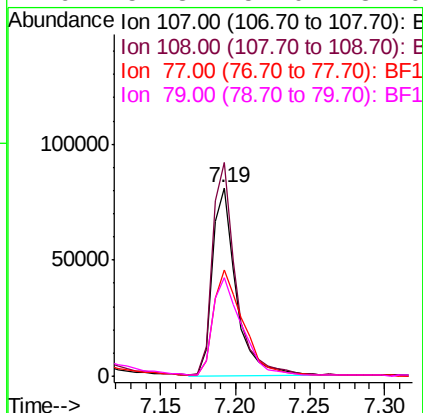
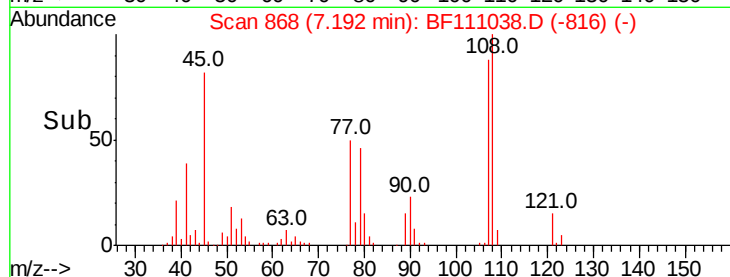
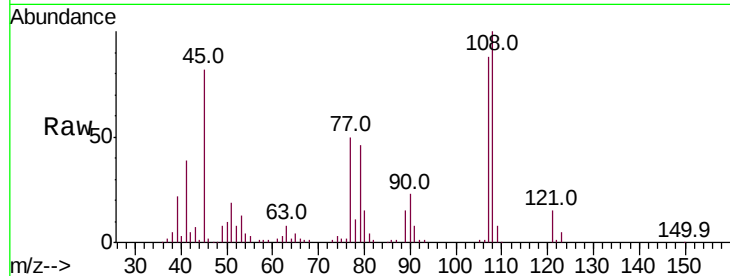
ClientSampleId :

PB115099BSD

Tot Ion:	107	Resp:	89020
Ion Ratio	Lower	Upper	
107	100		
108	113.3	92.6	138.8
77	56.6	59.4	89.2#
79	52.3	54.0	81.0#

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#18

Hexachloroethane

Concen: 27.633 ng

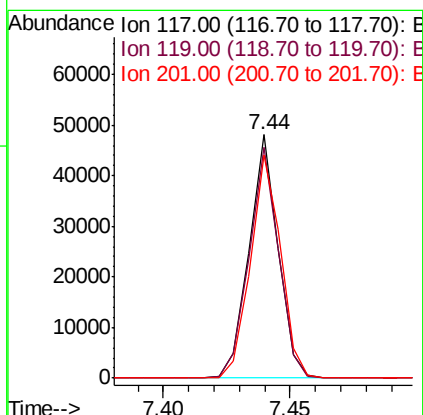
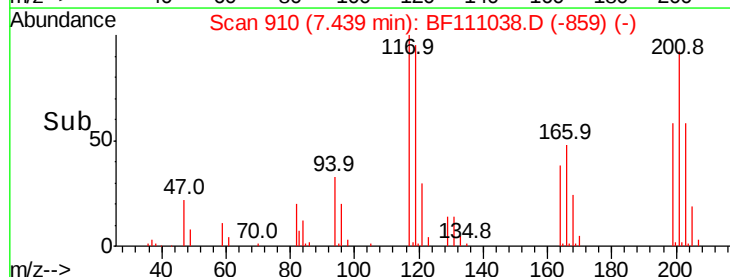
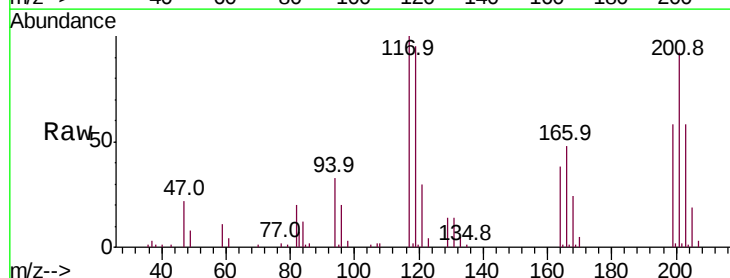
RT: 7.44 min Scan# 910

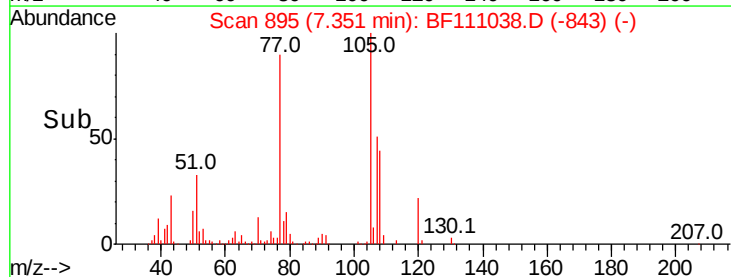
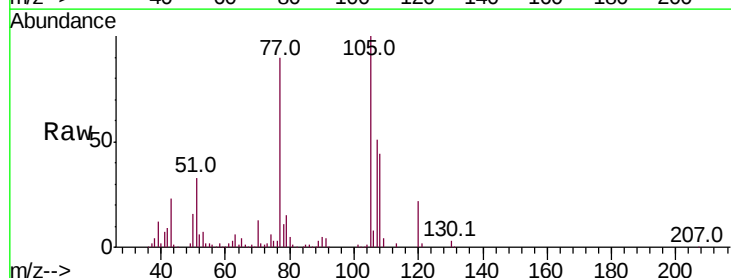
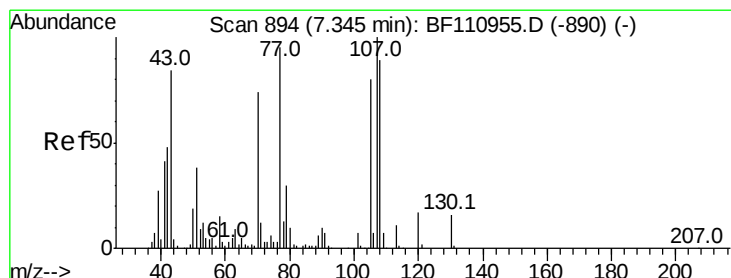
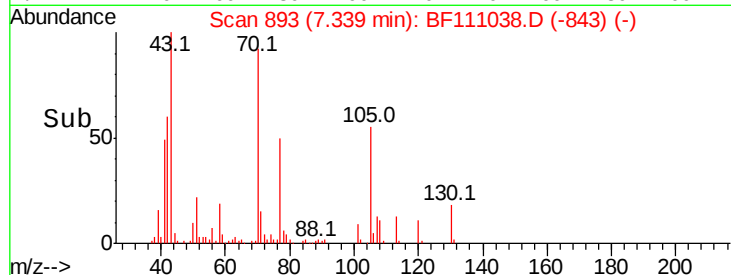
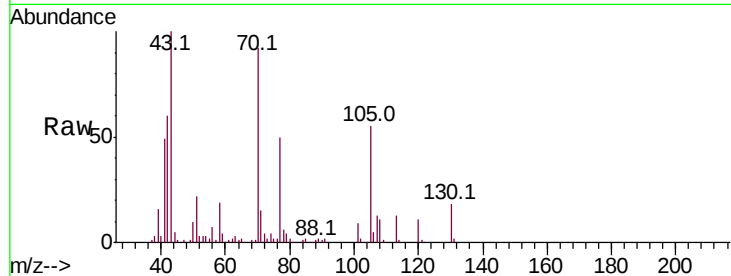
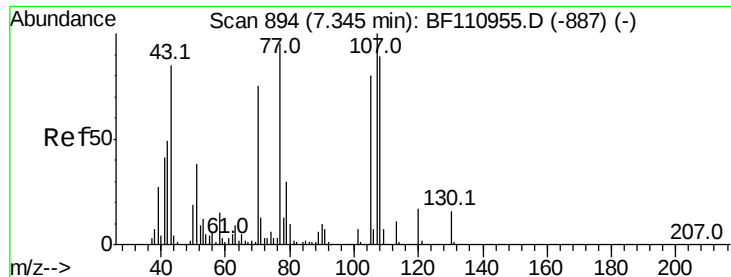
Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	117	Resp:	38408
Ion Ratio	Lower	Upper	
117	100		
119	95.0	75.0	112.6
201	91.5	79.2	118.8





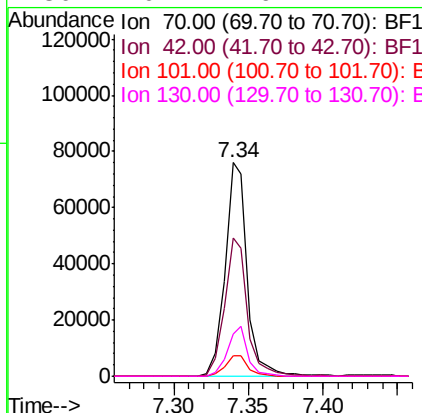
#19
n-Nitroso-di-n-propylamine
Concen: 33.243 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.4	71.2
101	9.9	7.3	10.9
130	20.1	16.2	24.2

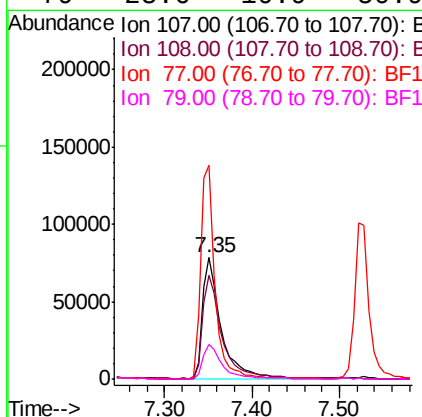
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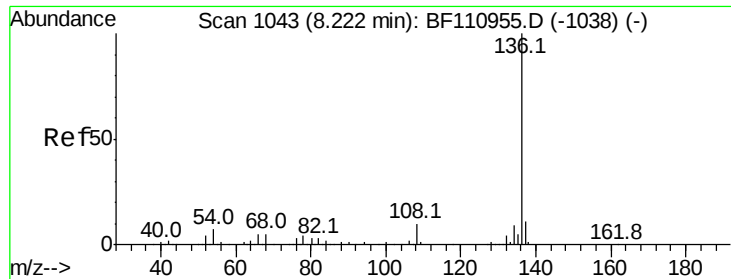
mohammad
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#20
3+4-Methylphenols
Concen: 33.668 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	71.4	111.4
77	175.9	47.3	87.3#
79	28.6	10.9	50.9





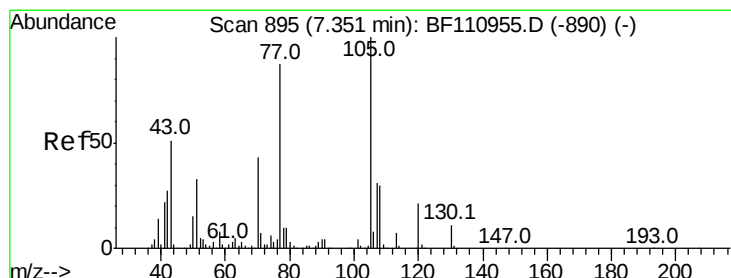
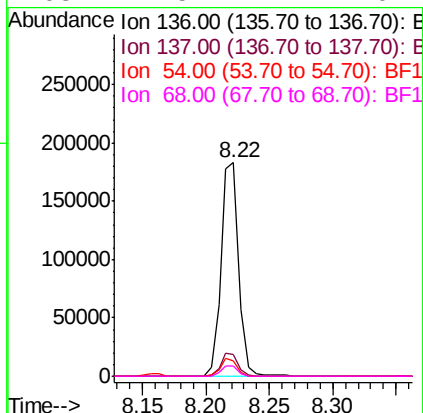
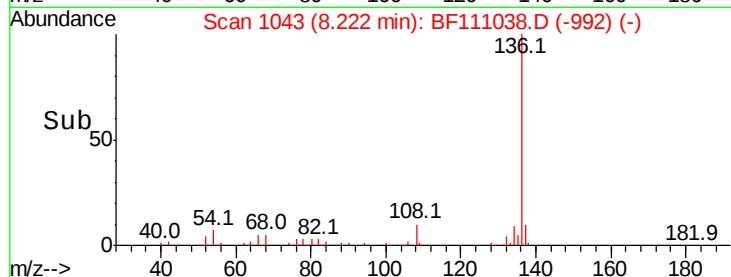
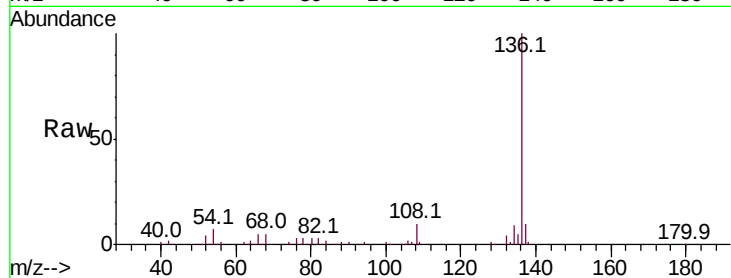
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	177655		
137	10.3		8.8	13.2
54	7.5		5.4	8.2
68	4.5		4.2	6.2

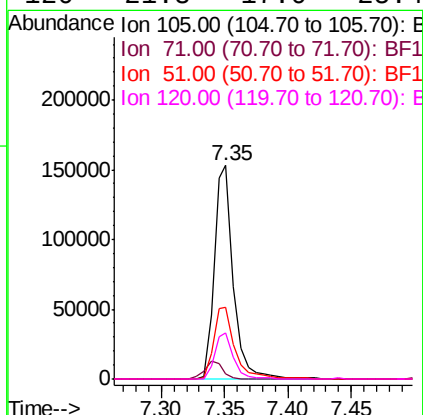
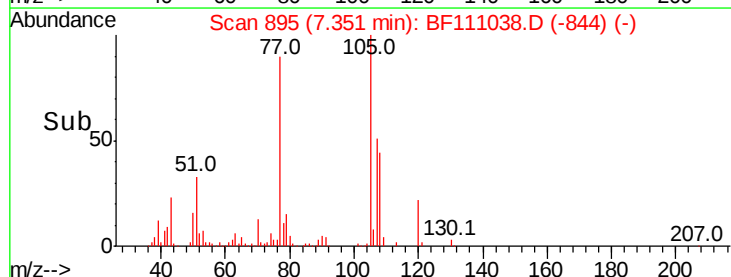
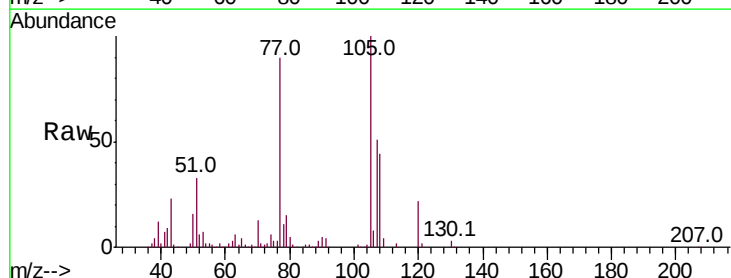
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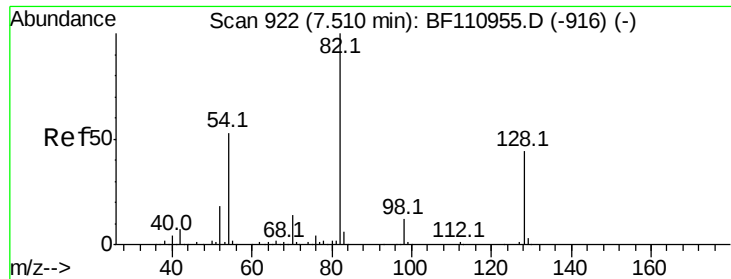
mohammad
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#22
Acetophenone
Concen: 38.859 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	161816		
71	2.4		5.2	7.8#
51	33.3		21.8	32.8#
120	21.8		17.0	25.4





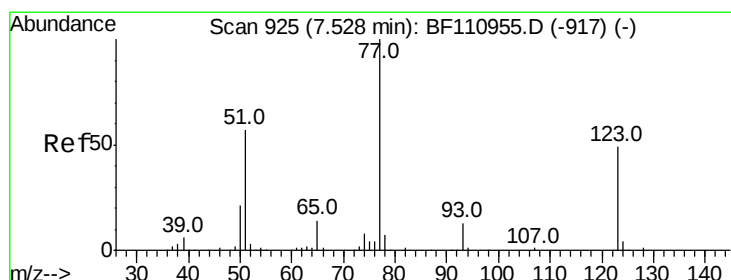
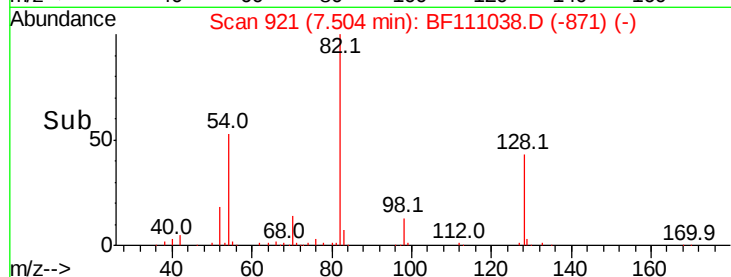
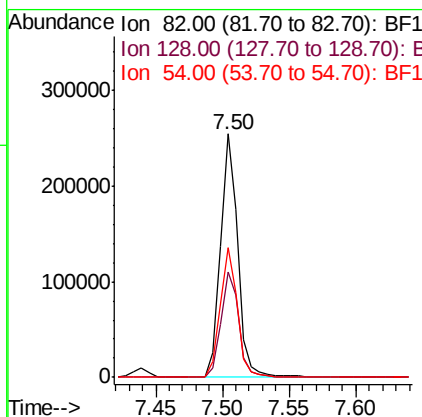
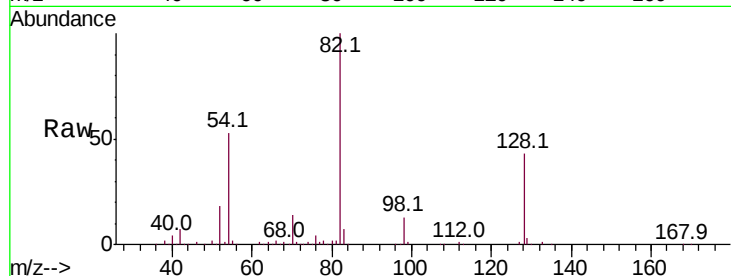
#23
Nitrobenzene-d5
Concen: 75.536 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.4	34.2	51.2	
54	53.3	38.6	58.0	

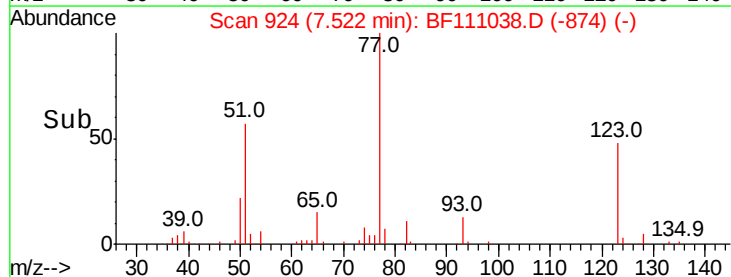
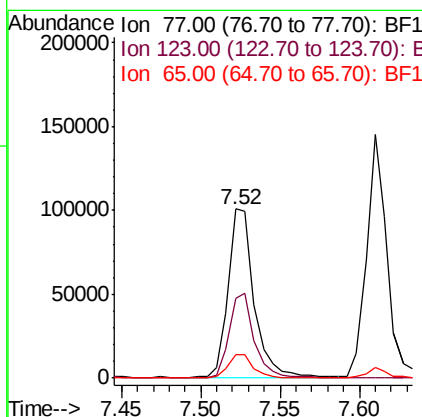
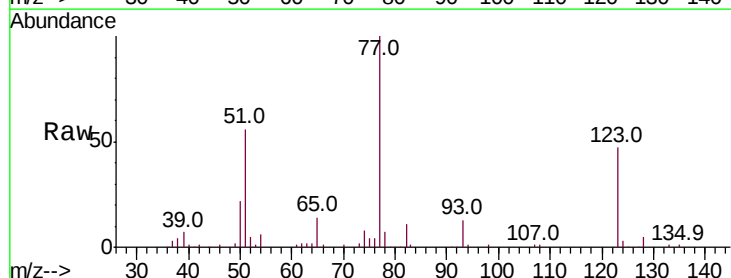
Manual Integrations
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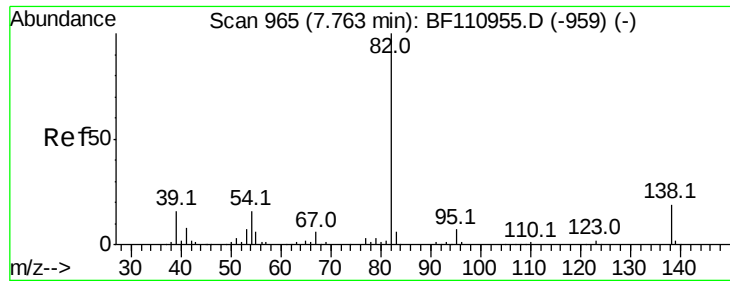
mohammad
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#24
Nitrobenzene
Concen: 35.551 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.2	35.7	53.5	
65	14.2	10.7	16.1	





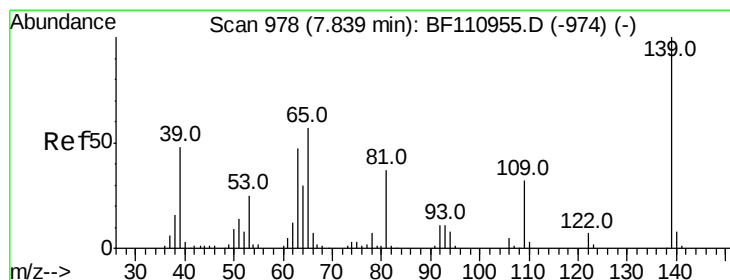
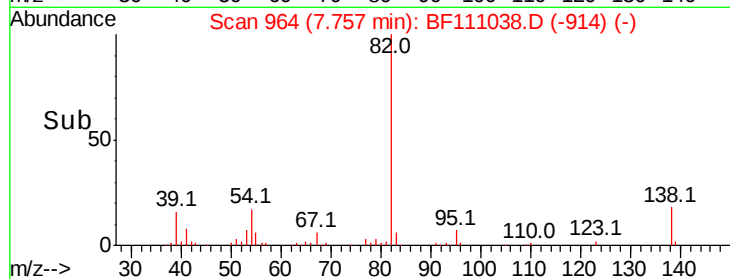
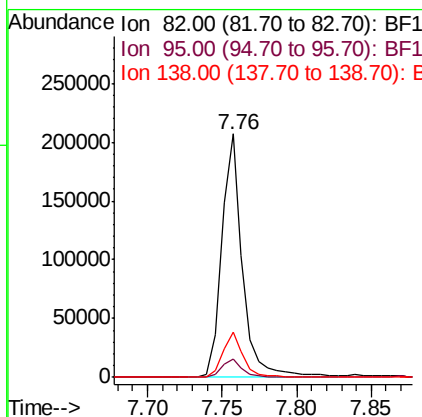
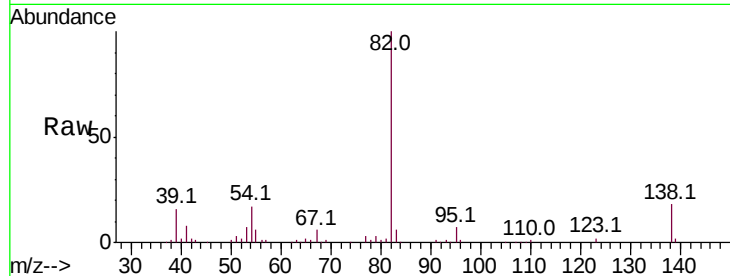
#25
Isophorone
Concen: 40.107 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	18.4	13.2	19.8

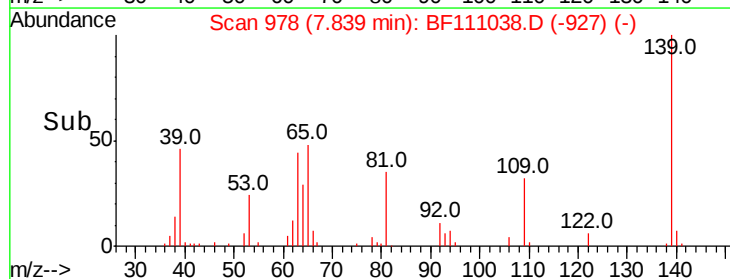
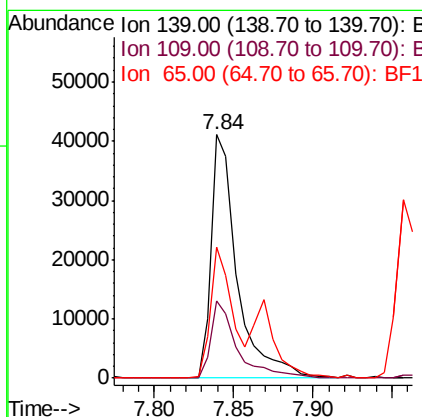
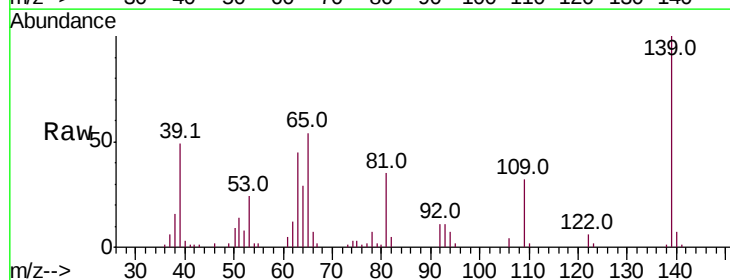
Manual Integrations
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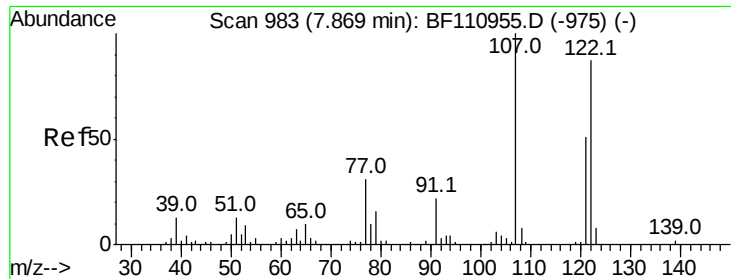
mohammad
11/28/2018 4:57:03 PM



#26
2-Nitrophenol
Concen: 30.191 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.6	25.0	37.6
65	53.6	44.0	66.0





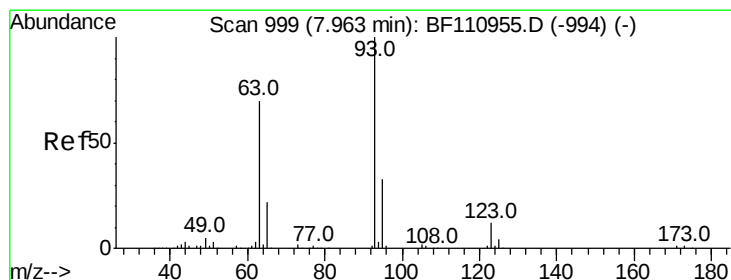
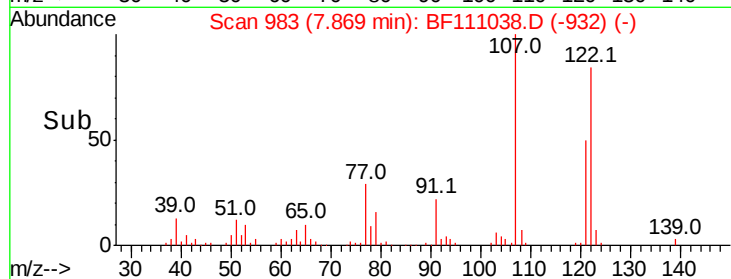
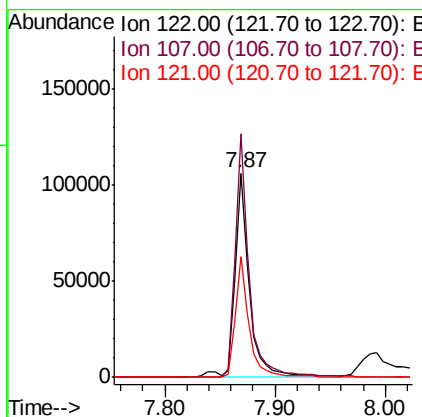
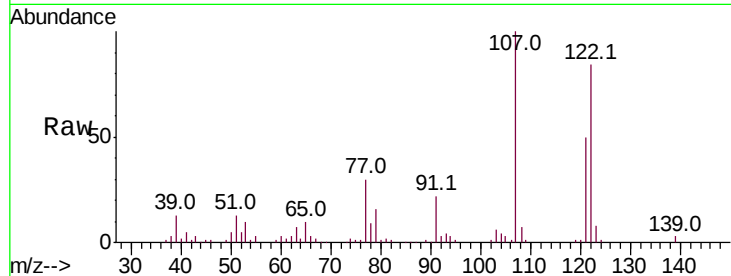
#27
2,4-Dimethylphenol
Concen: 41.279 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	92.5	138.7
121	59.3	45.8	68.8

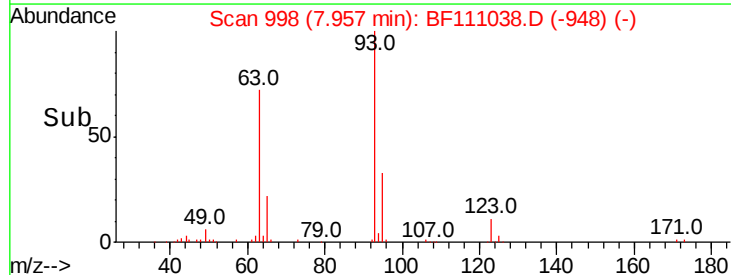
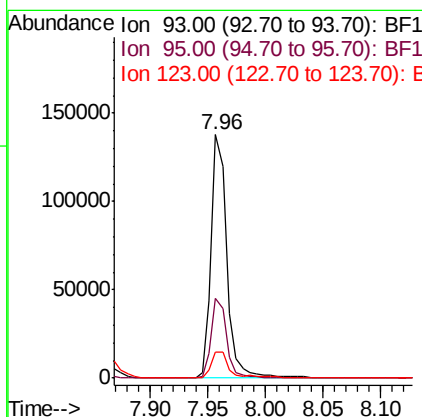
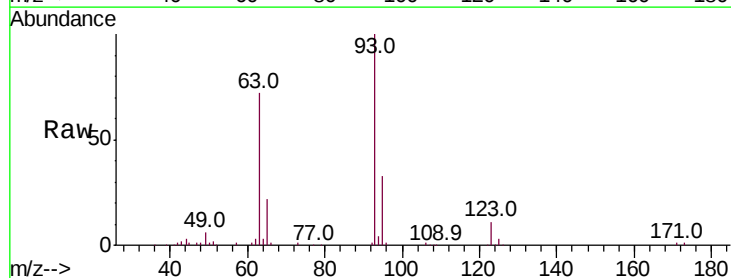
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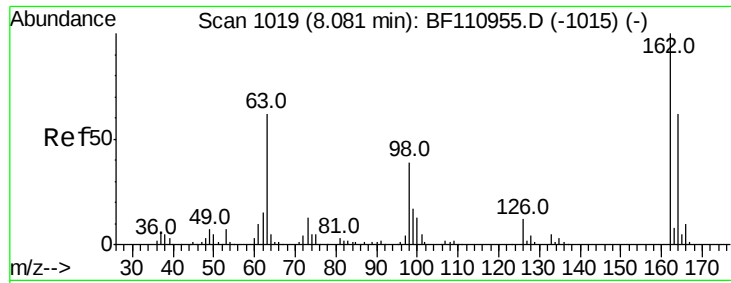
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.531 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	10.7	9.0	13.6





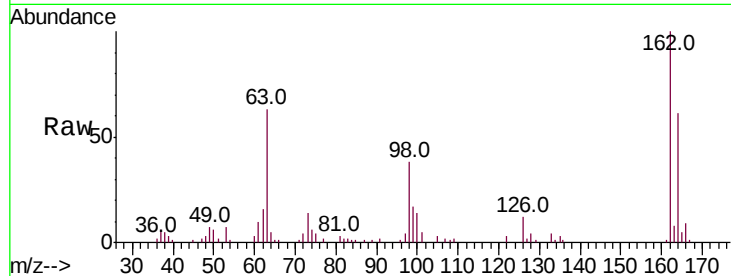
#29
2,4-Dichlorophenol
Concen: 34.478 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.8	44.6	84.6
98	37.6	17.4	57.4

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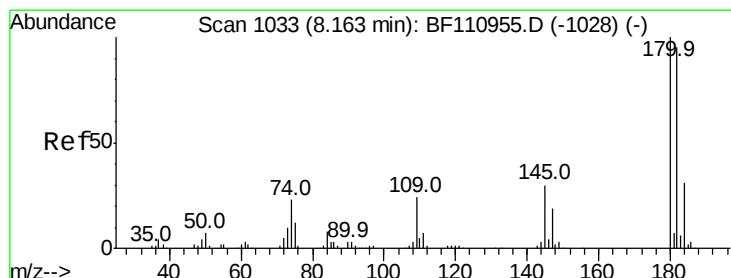
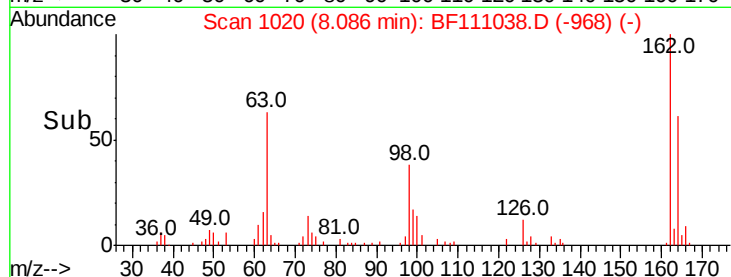
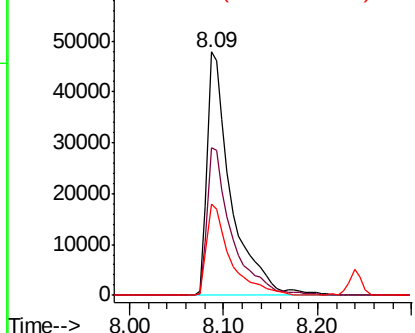


Abundance

Ion 162.00 (161.70 to 162.70): E

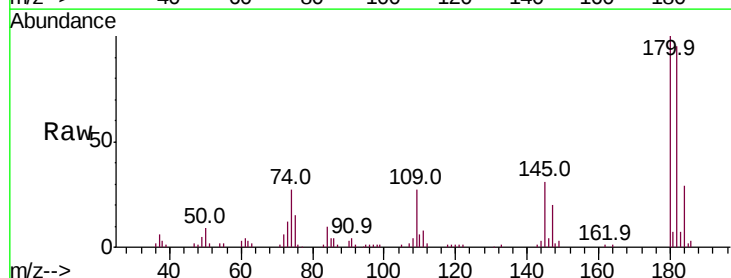
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 34.700 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	80.3	120.5
145	31.0	25.4	38.0

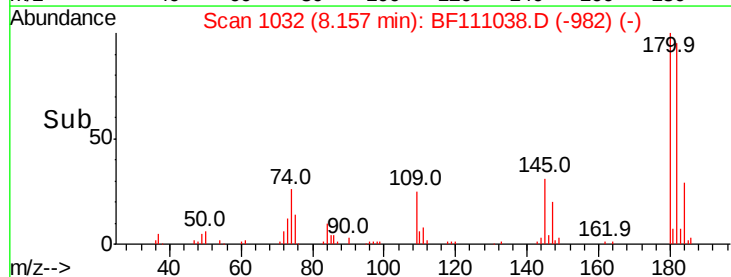
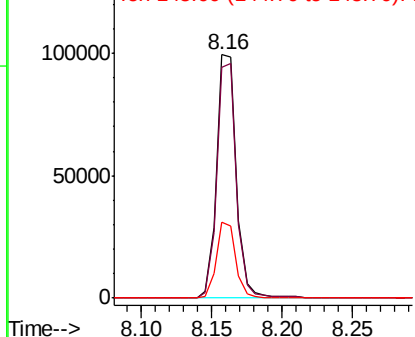


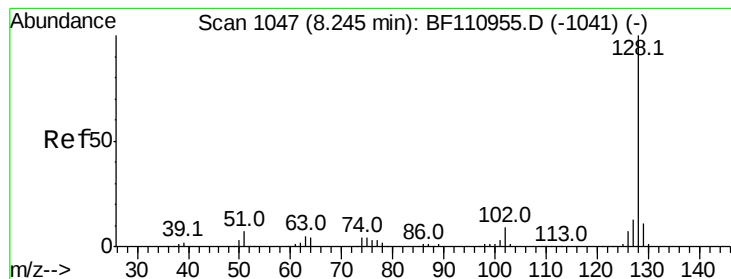
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.204 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

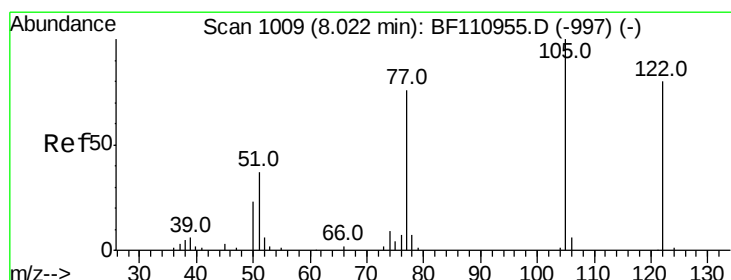
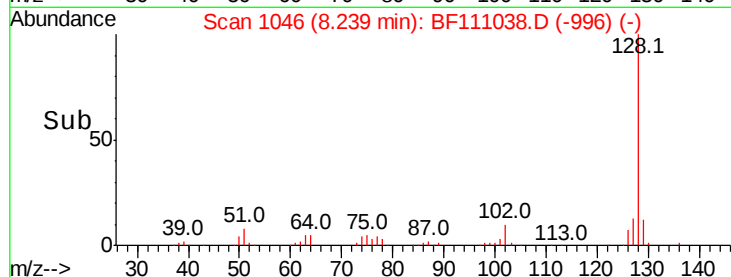
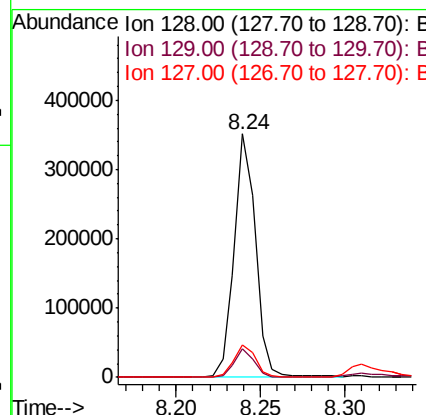
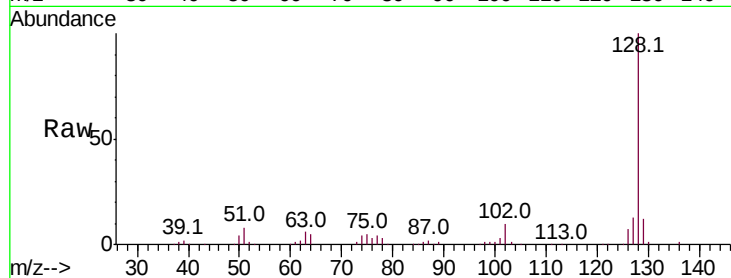
ClientSampleId :

PB115099BSD

Tot Ion:	128	Resp:	309825
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.8	13.2
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 20.556 ng m

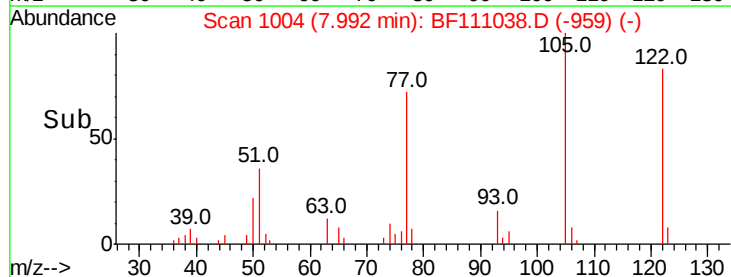
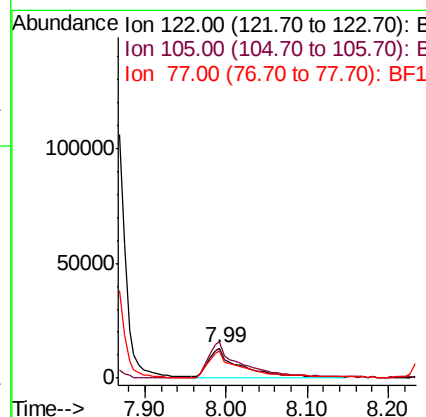
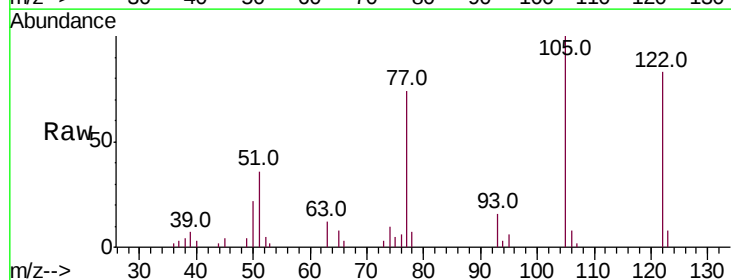
RT: 7.99 min Scan# 1004

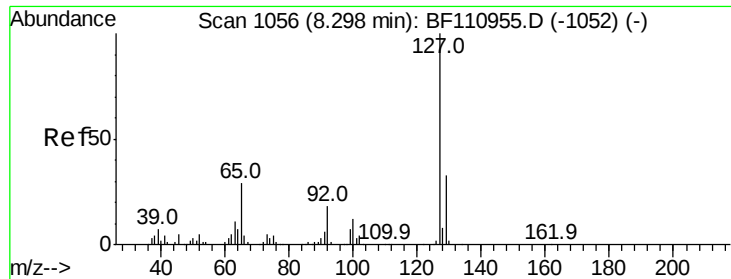
Delta R.T. -0.04 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	122	Resp:	36196
Ion Ratio	Lower	Upper	
122	100		
105	120.9	109.0	149.0
77	89.9	79.0	119.0





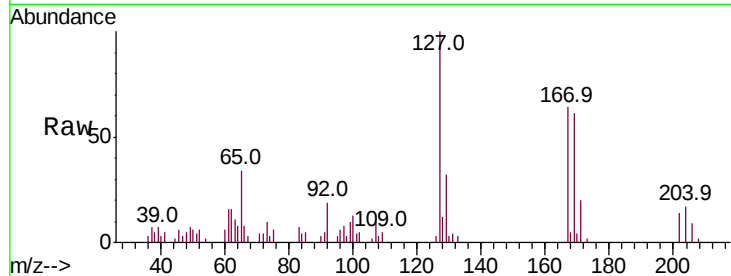
#33
4-Chloroaniline
Concen: 8.696 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

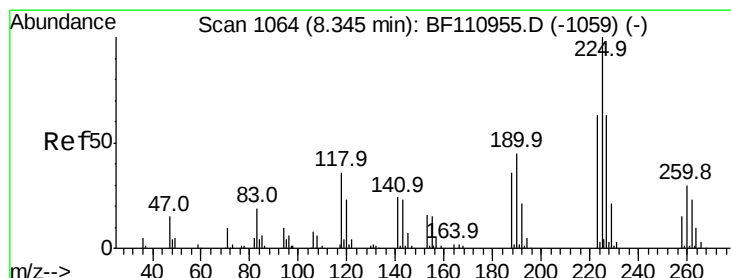
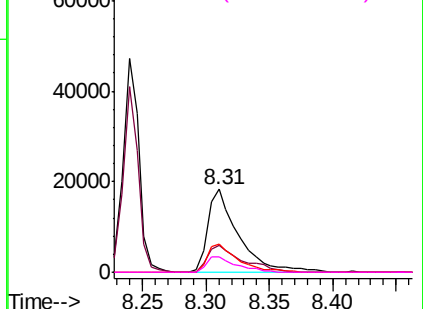
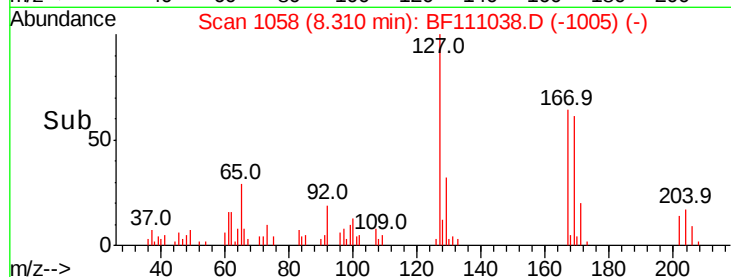
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.0	39.0		
65	33.9	25.1	37.7		
92	18.8	15.0	22.6		

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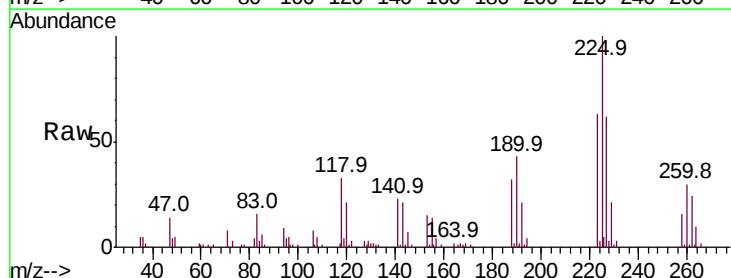


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

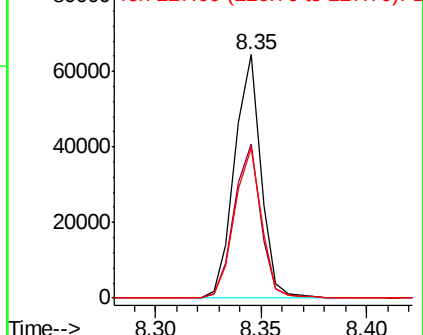
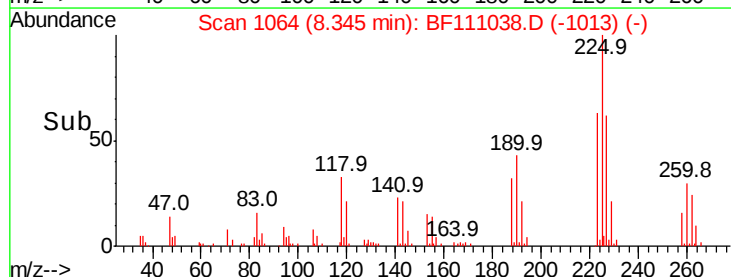


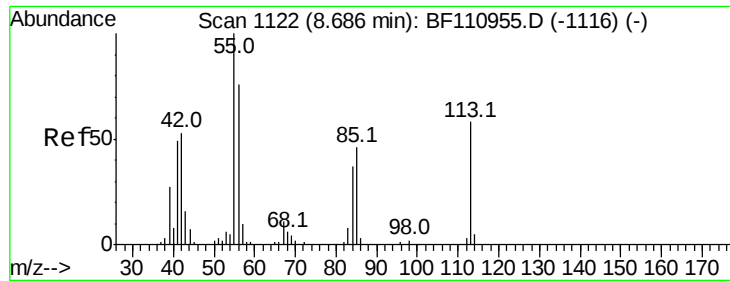
#34
Hexachlorobutadiene
Concen: 35.185 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.4	77.2		
227	61.8	51.0	76.6		



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





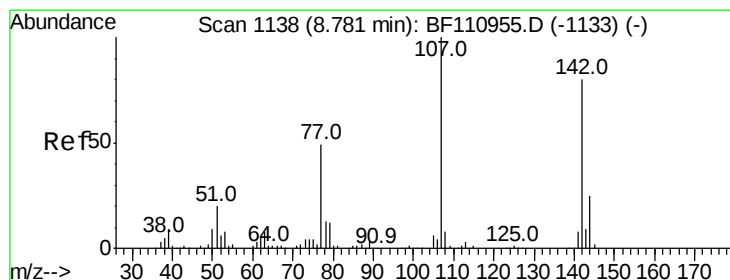
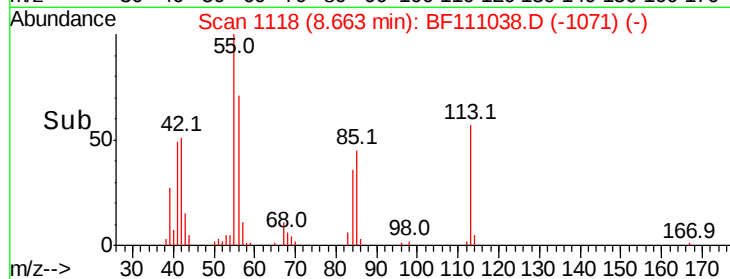
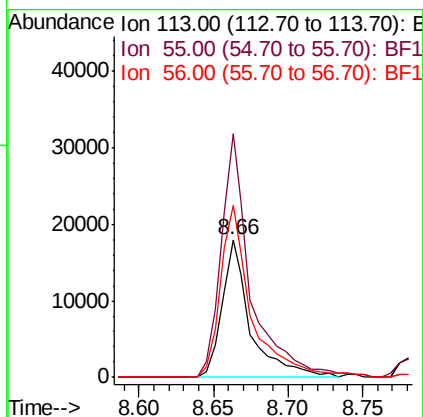
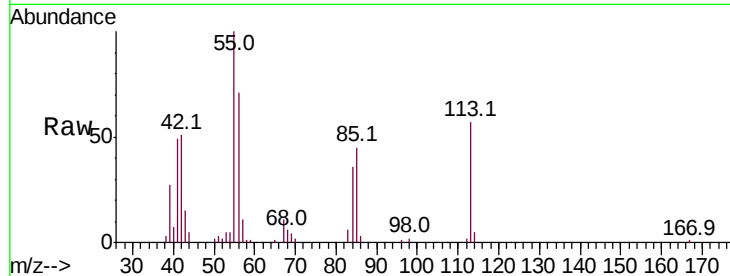
#35
Caprolactam
Concen: 28.347 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.8	142.8	182.8
56	124.7	105.0	145.0

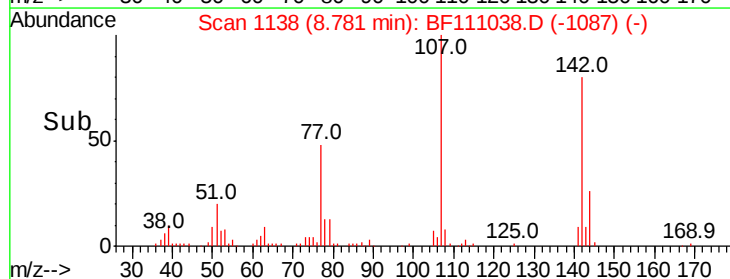
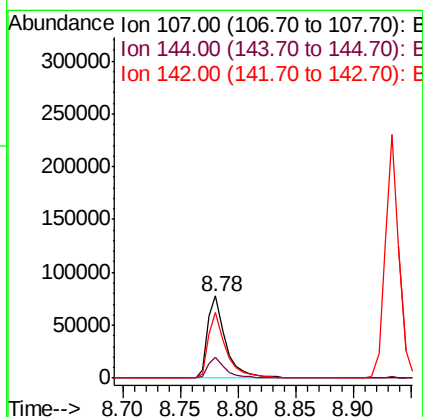
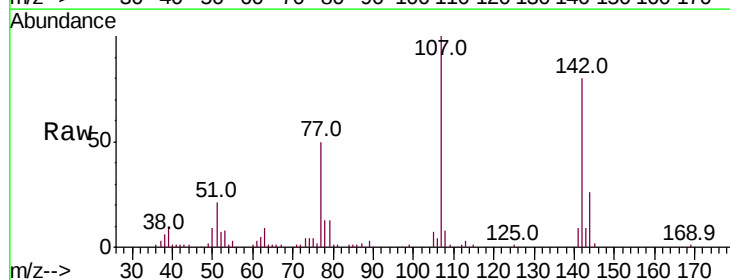
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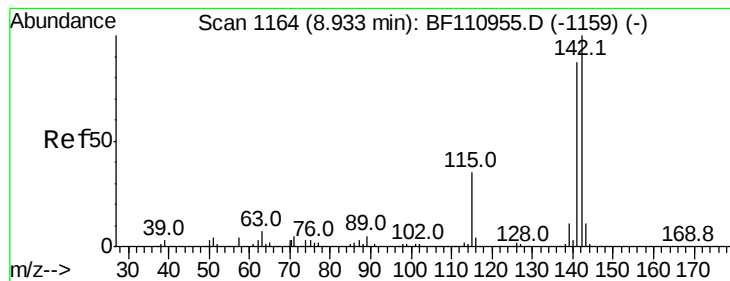
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#36
4-Chloro-3-methylphenol
Concen: 31.208 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.0	30.0
142	80.4	59.7	89.5





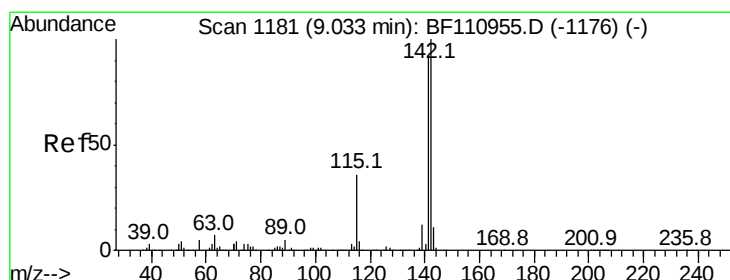
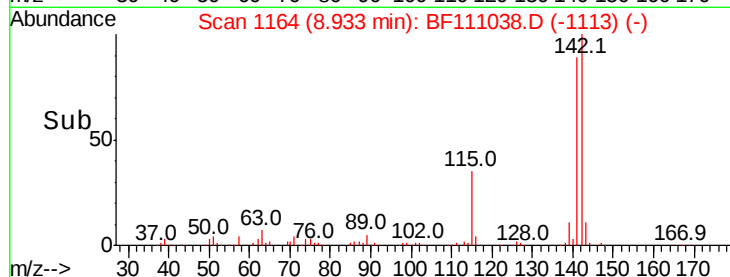
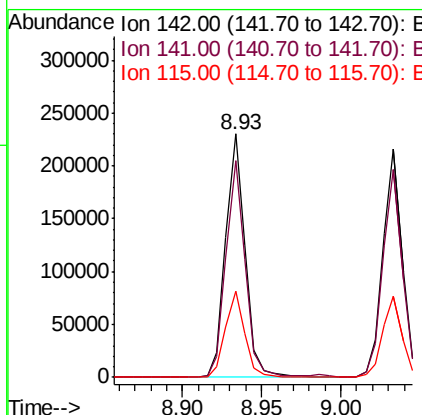
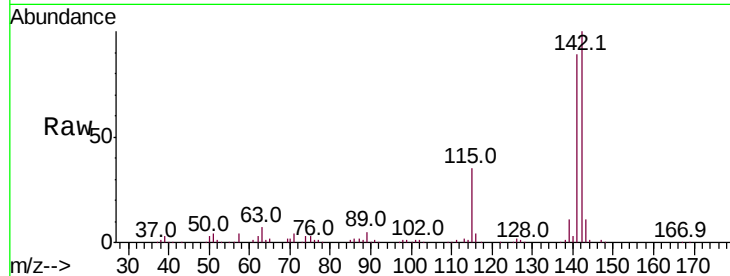
#37
2-Methylnaphthalene
Concen: 35.792 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	35.5	28.7	43.1

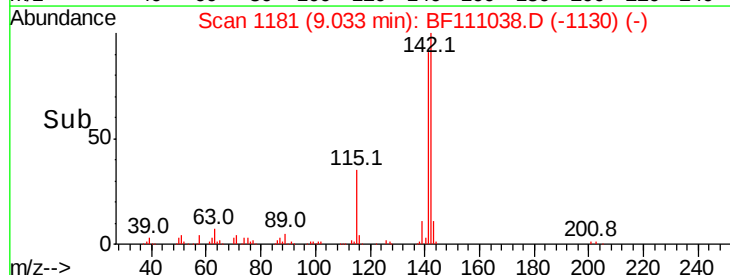
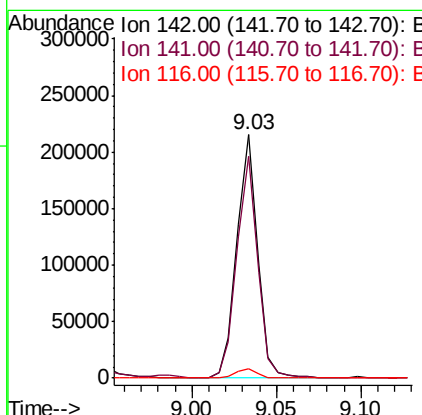
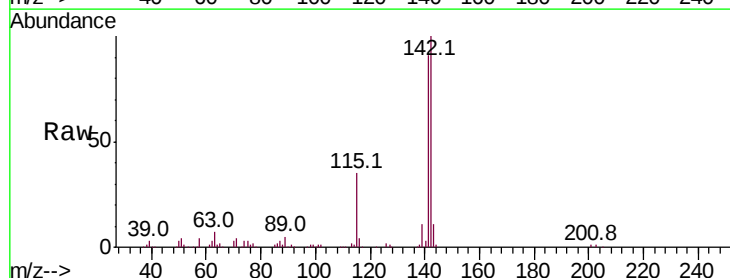
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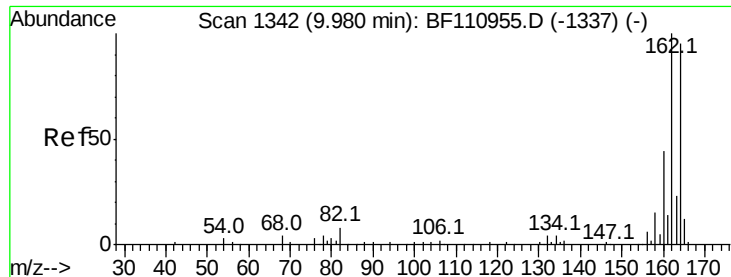
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#38
1-Methylnaphthalene
Concen: 34.136 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.7	2.6	4.0





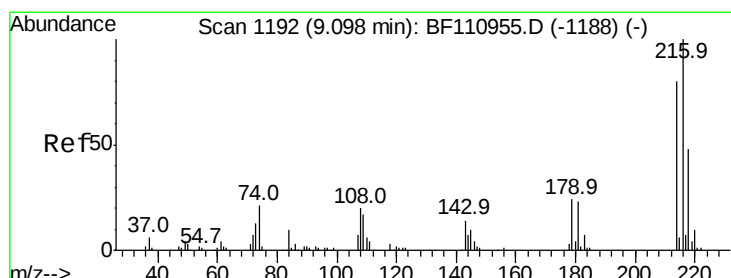
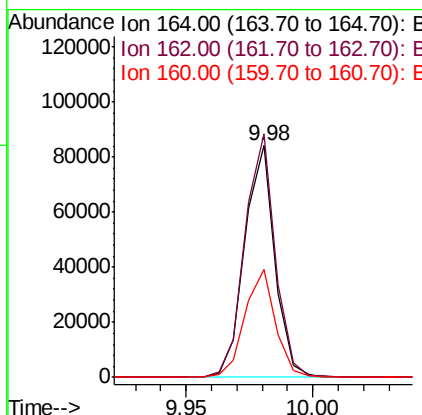
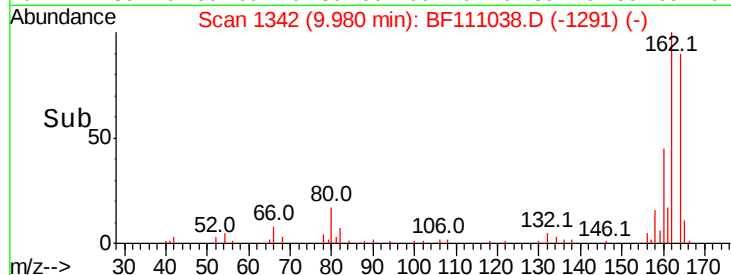
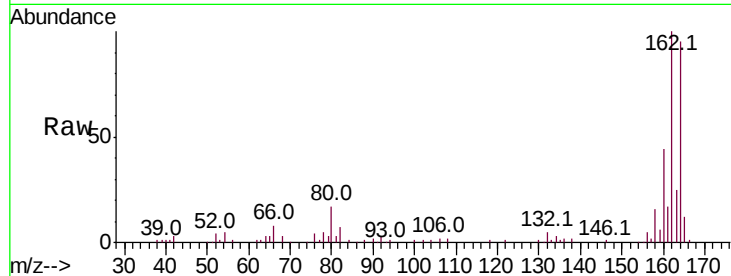
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.0	83.0	124.6	
160	46.7	37.0	55.6	

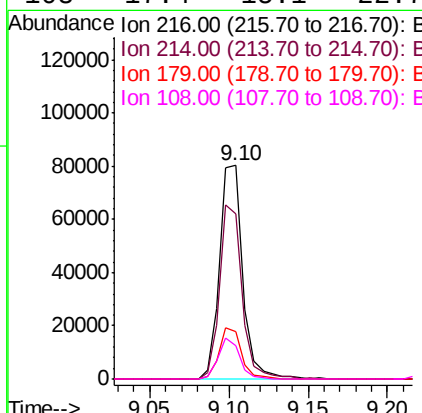
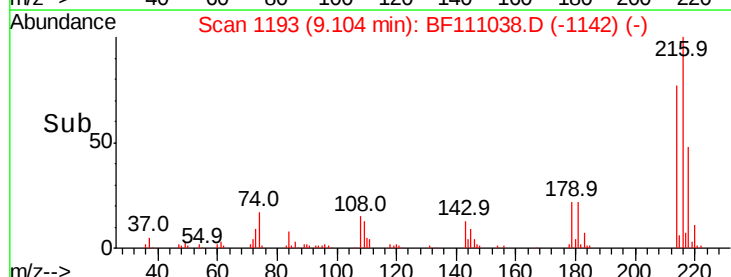
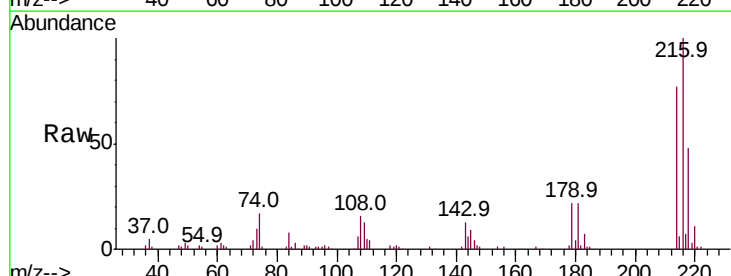
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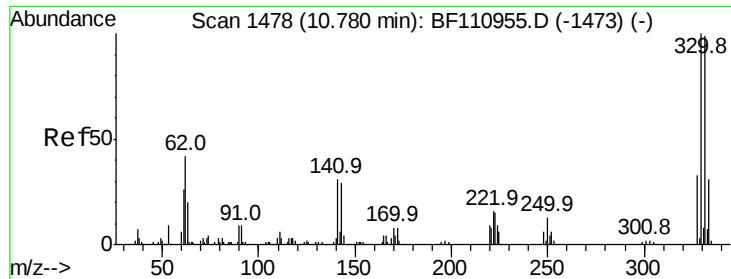
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.178 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.8	95.6	
179	22.8	16.6	25.0	
108	17.4	15.1	22.7	





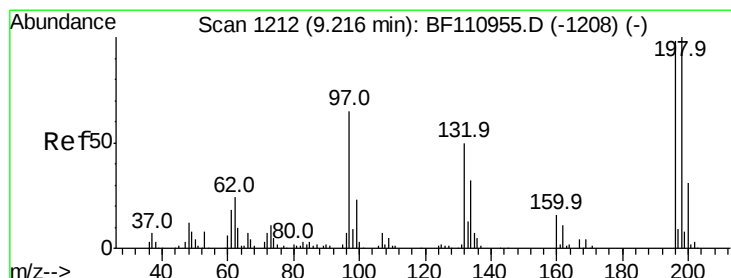
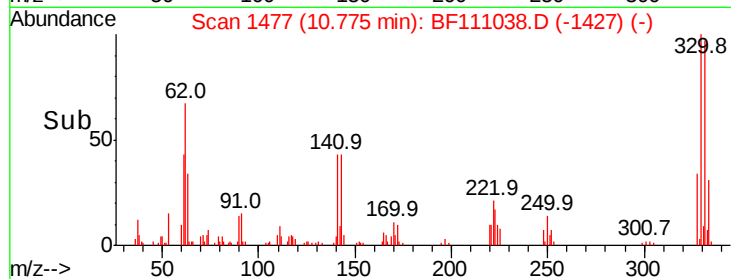
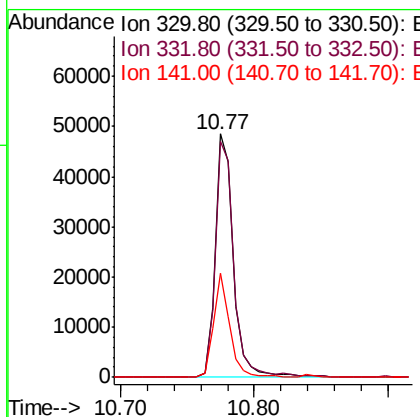
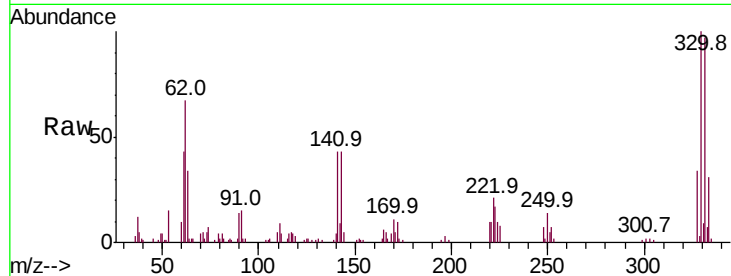
#42
 2,4,6-Tribromophenol
 Concen: 67.693 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	46613		
332	99.1	77.1	115.7	
141	38.2	27.0	40.4	

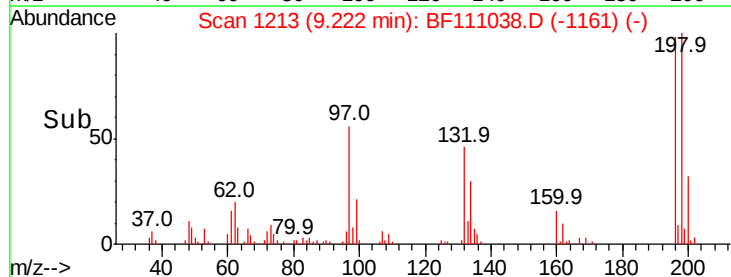
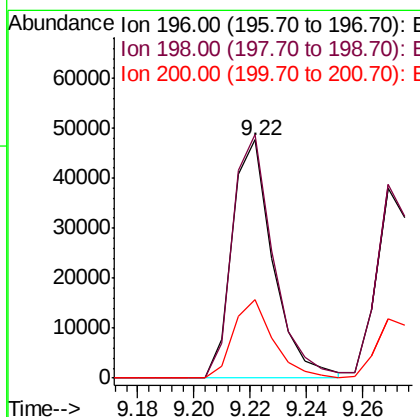
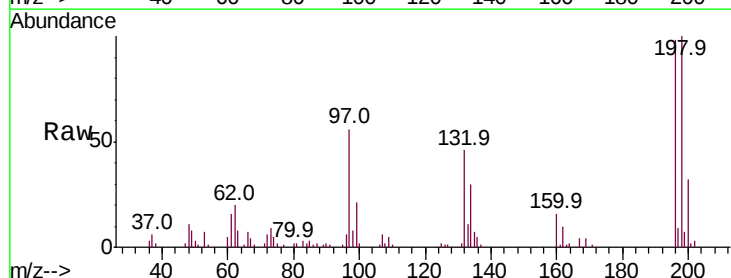
Manual Integrations
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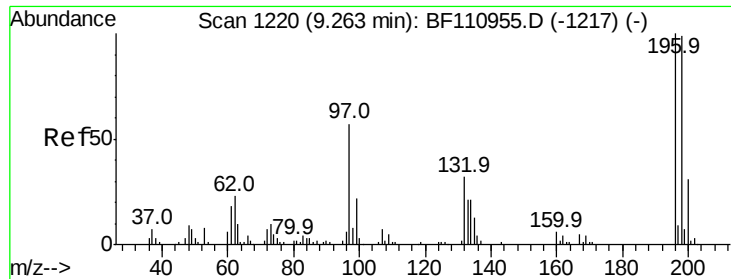
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#43
 2,4,6-Trichlorophenol
 Concen: 36.810 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47950		
198	102.1	76.2	114.4	
200	32.7	24.4	36.6	





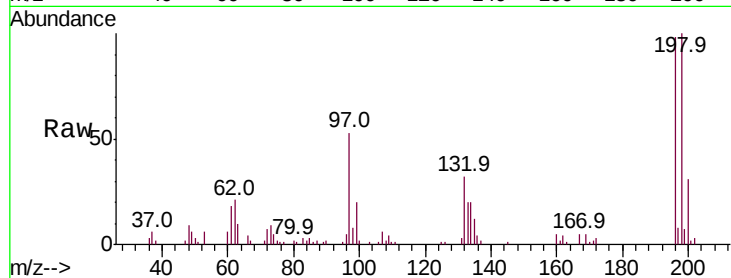
#44
2,4,5-Trichlorophenol
Concen: 37.103 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.5	75.8	113.6	
97	54.4	42.4	63.6	
132	32.9	22.8	34.2	

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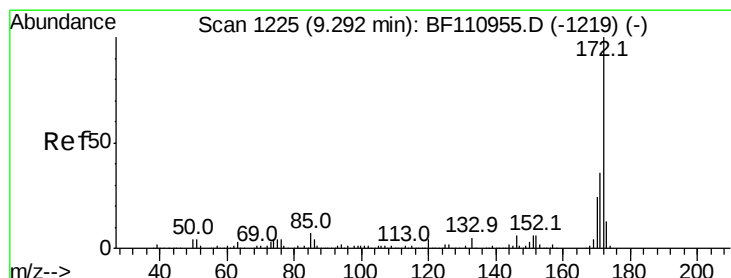
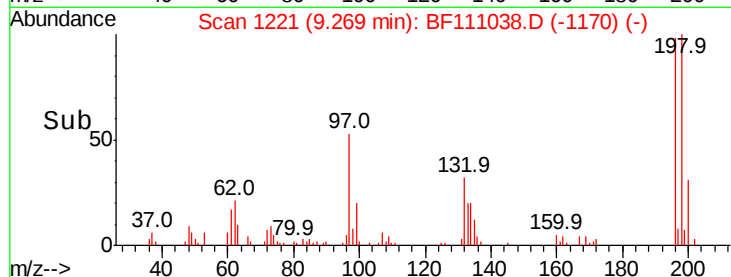
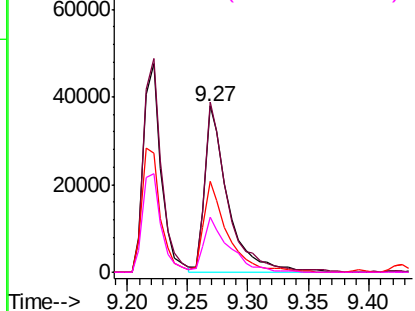
Abundance

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: 84.707 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

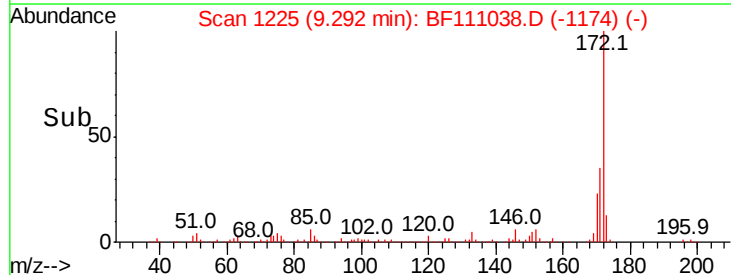
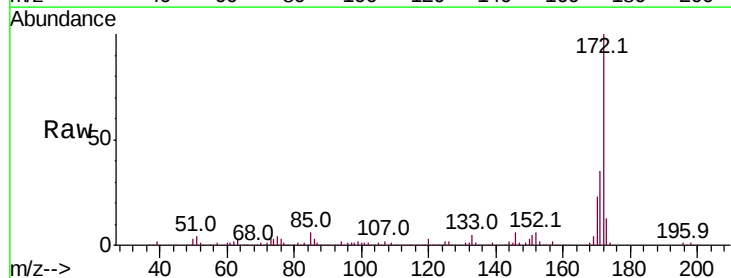
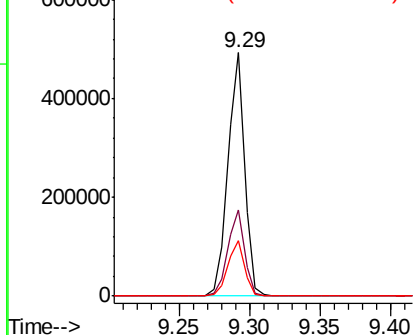
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	28.6	43.0	
170	22.9	19.7	29.5	

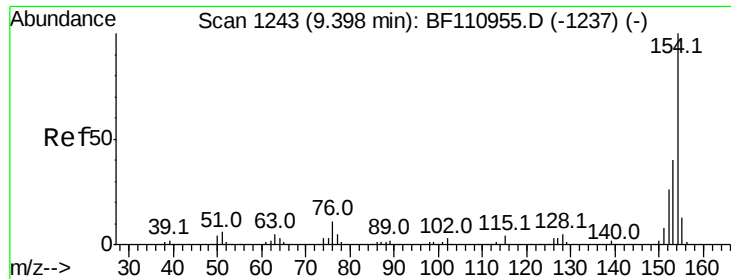
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





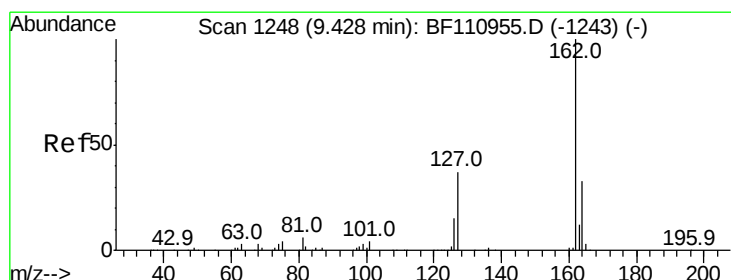
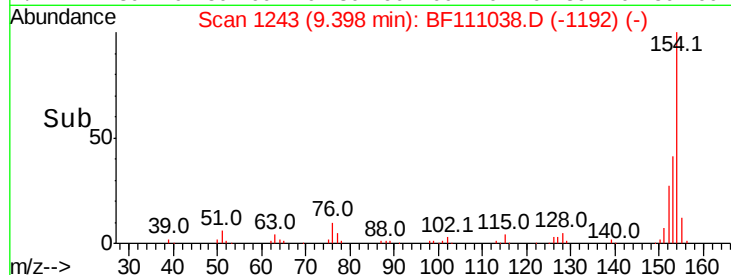
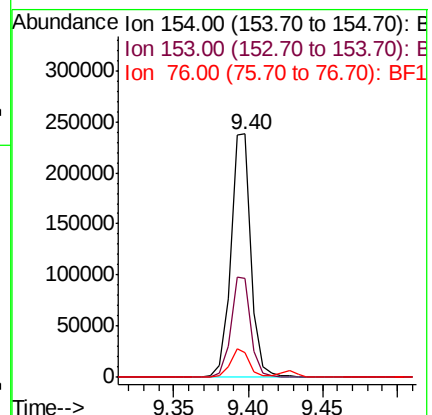
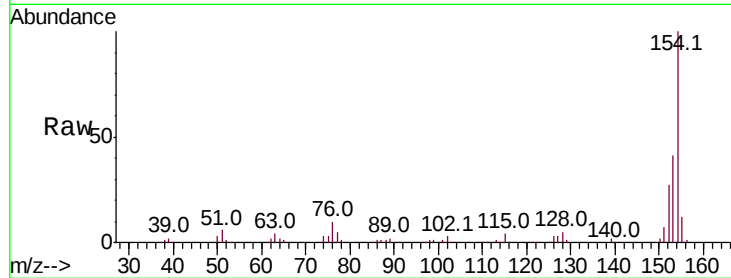
#46
 1,1'-Biphenyl
 Concen: 35.782 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.7	20.4	60.4
76	10.4	0.0	31.9

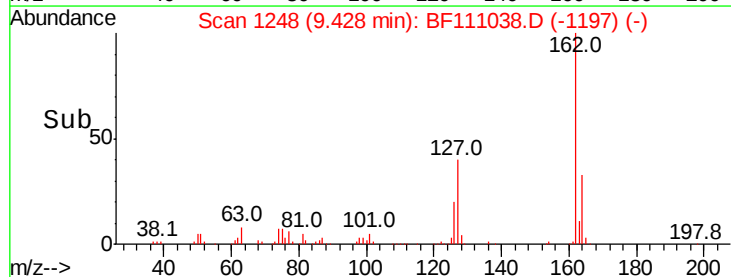
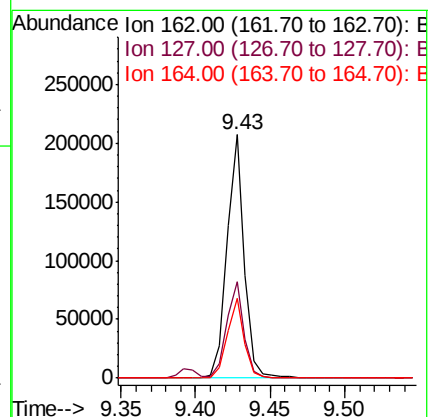
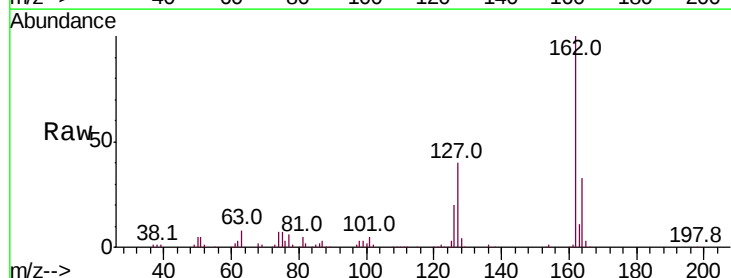
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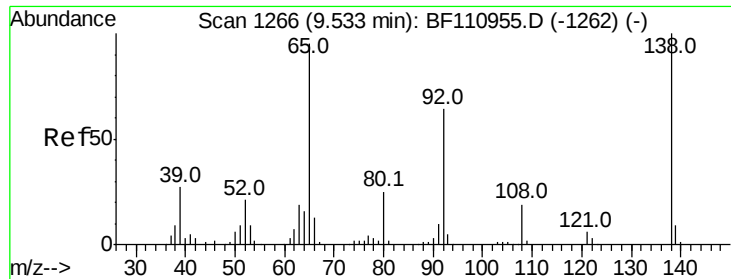
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#47
 2-Chloronaphthalene
 Concen: 36.561 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.6	32.6	48.8
164	32.8	25.9	38.9





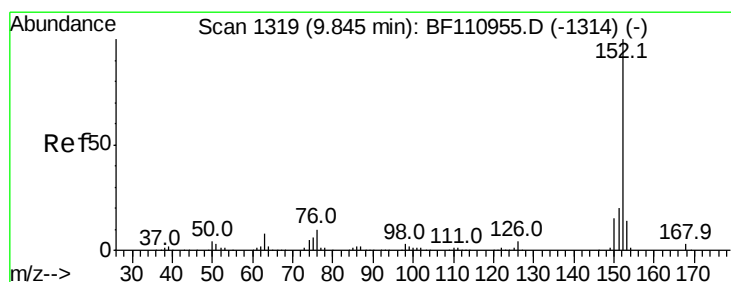
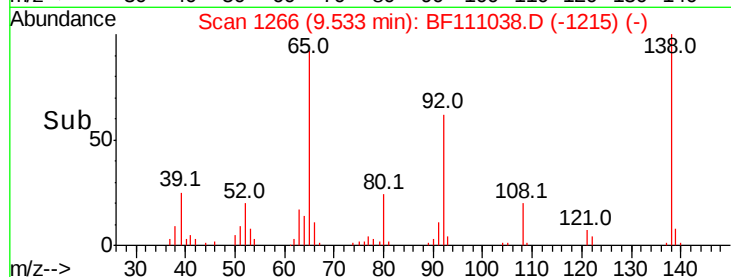
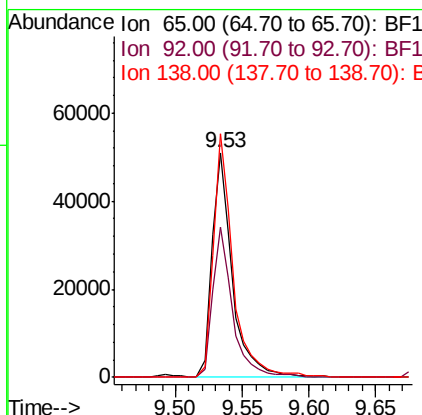
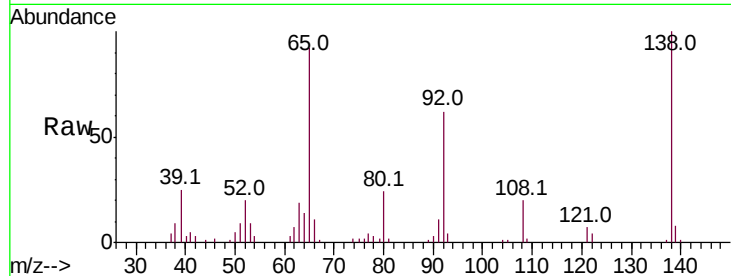
#48
2-Nitroaniline
Concen: 37.520 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.6	81.8
138	108.4	80.3	120.5

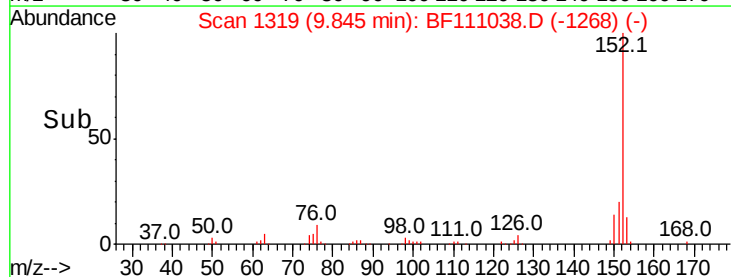
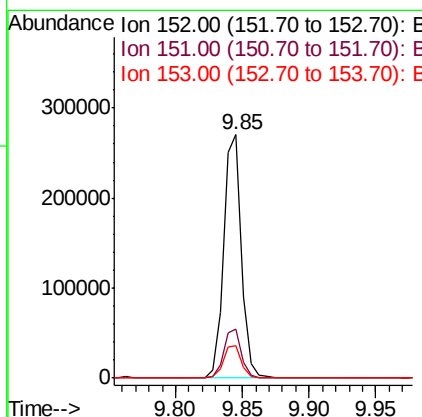
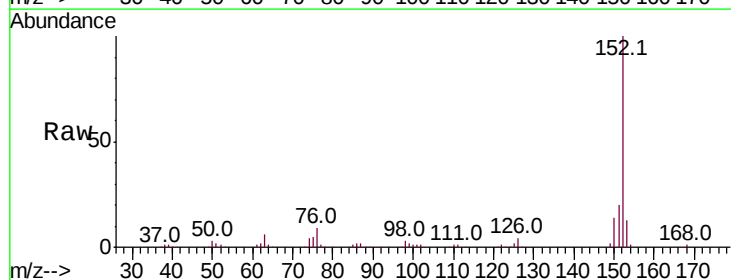
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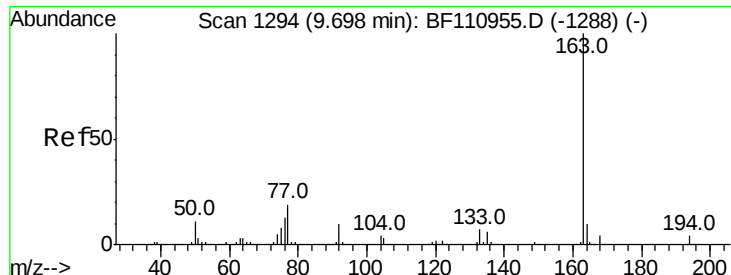
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#49
Acenaphthylene
Concen: 38.398 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	10.4	15.6





#50

Dimethylphthalate

Concen: 38.748 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

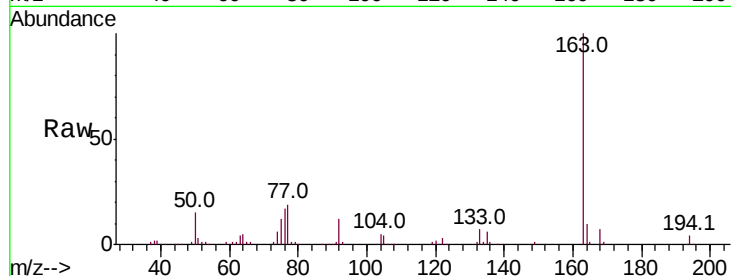
ClientSampleId :

PB115099BSD

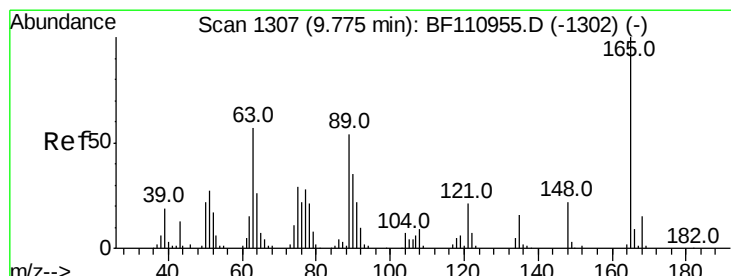
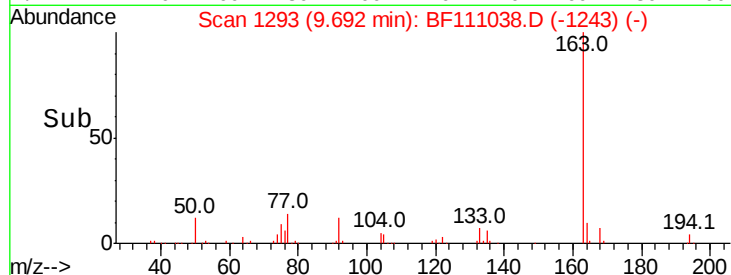
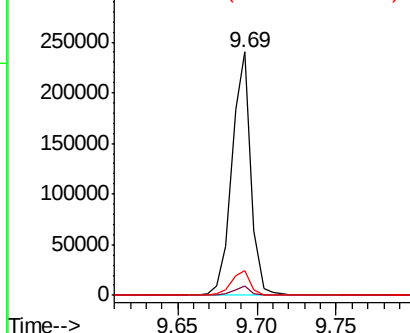
Tot Ion	Ratio	Resp	Lower	Upper
163	100	197035		
194	3.7		3.2	4.8
164	10.1		8.1	12.1

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



#51

2,6-Dinitrotoluene

Concen: 32.385 ng

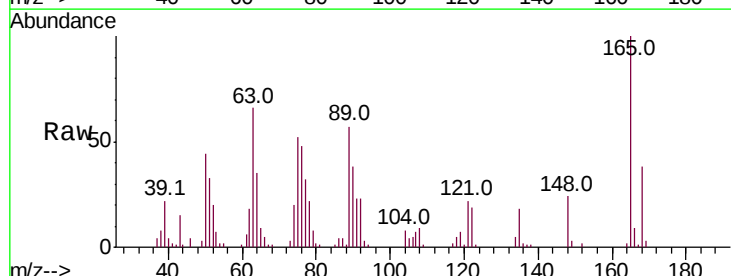
RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

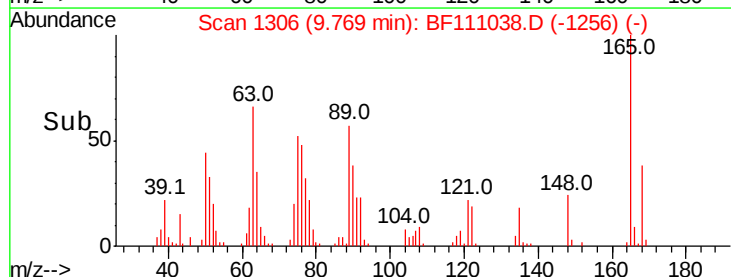
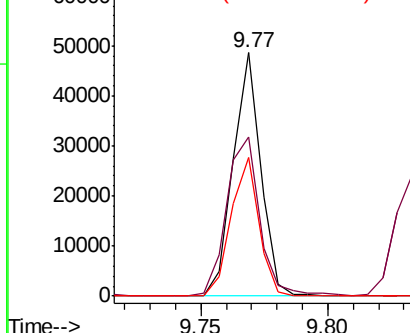
Lab File: BF111038.D

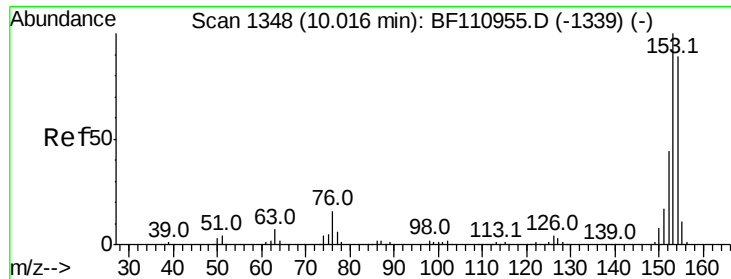
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	36661		
63	65.5		48.9	73.3
89	56.8		46.6	69.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 35.927 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

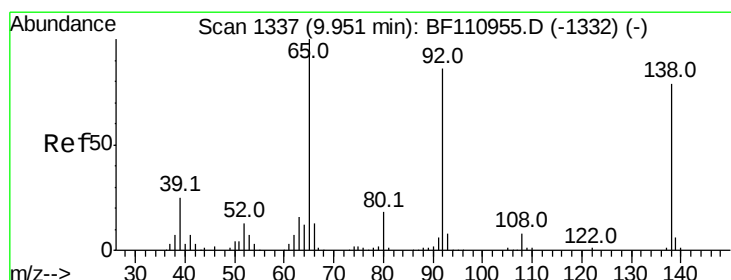
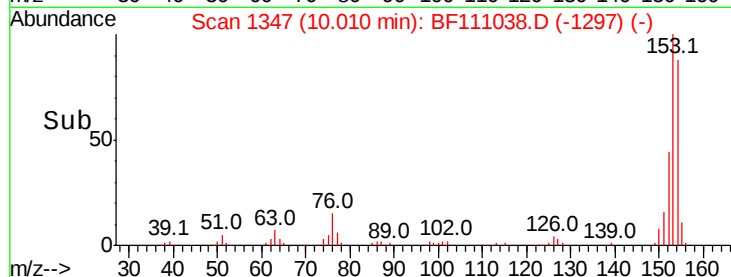
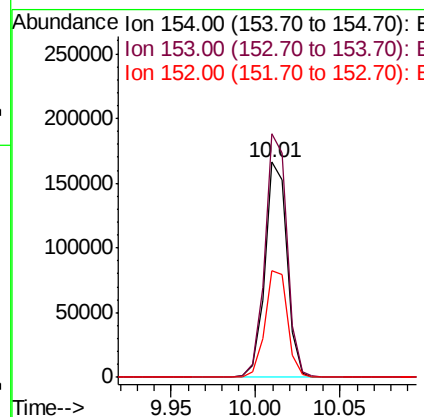
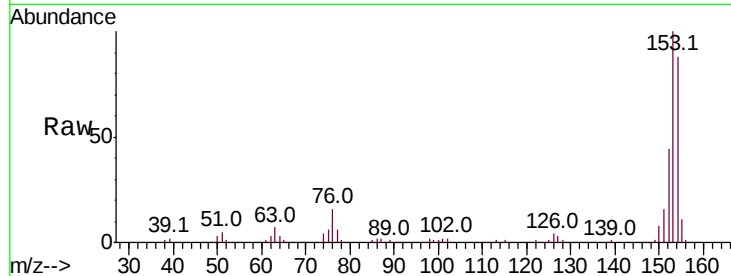
ClientSampleId :

PB115099BSD

Tot Ion:	154	Resp:	151791
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.1	135.1
152	49.9	43.4	65.2

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#53

3-Nitroaniline

Concen: 26.307 ng

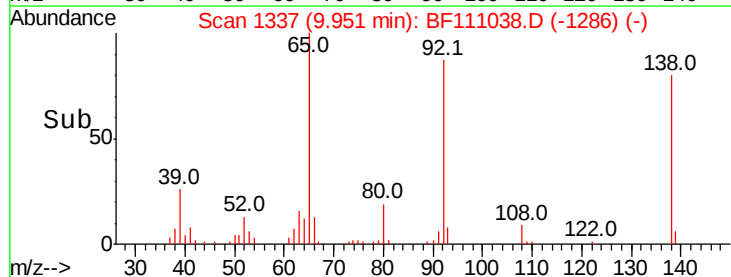
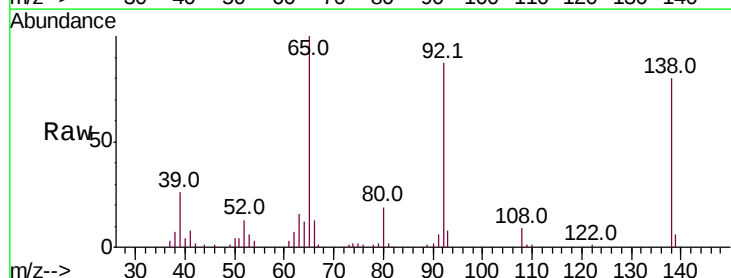
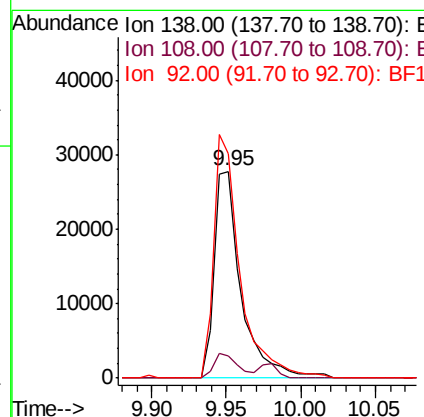
RT: 9.95 min Scan# 1337

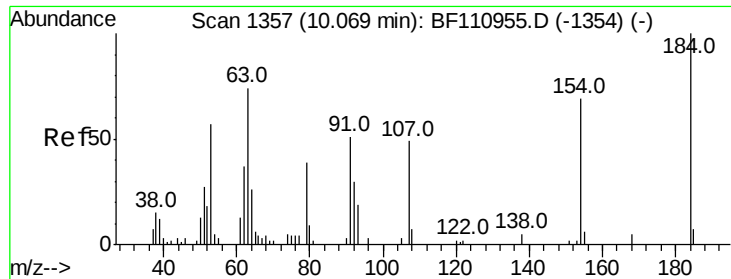
Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	138	Resp:	34710
Ion Ratio	Lower	Upper	
138	100		
108	10.8	8.7	13.1
92	108.6	97.0	145.4





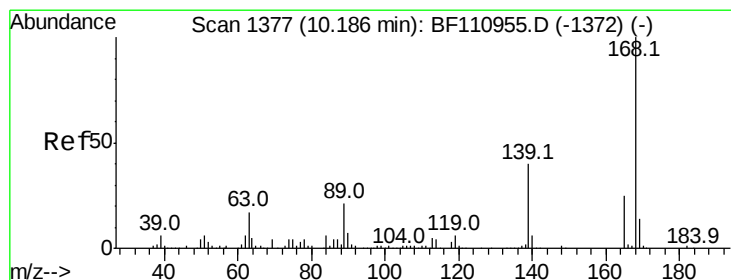
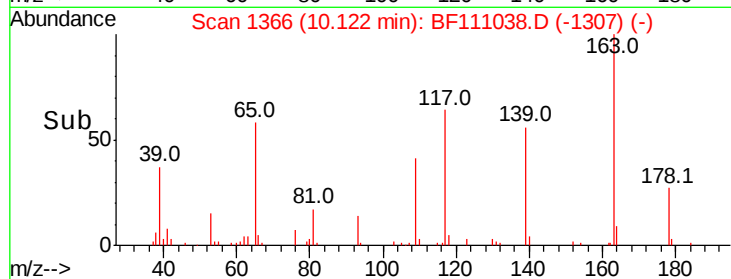
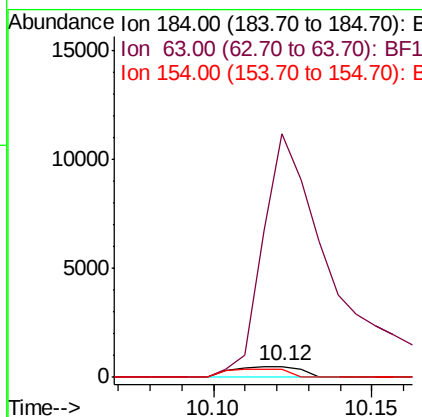
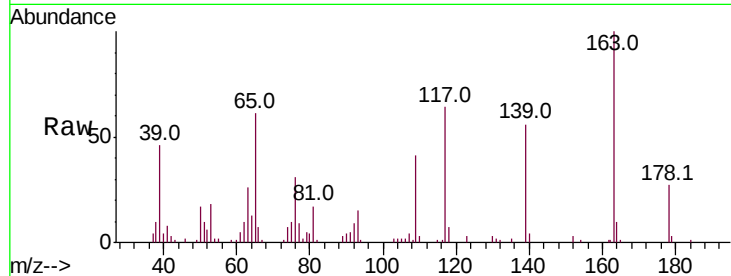
#54
 2,4-Dinitrophenol
 Concen: 5.541 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.05 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tot Ion:184 Resp: 765
 Ion Ratio Lower Upper
 184 100
 63 2184.0 55.8 83.6
 154 77.1 63.2 94.8

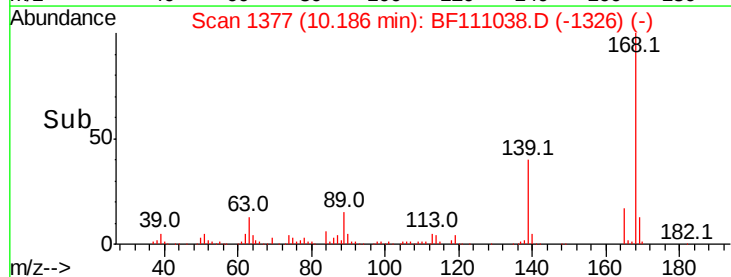
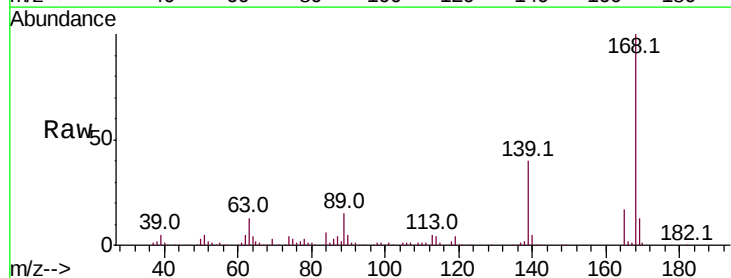
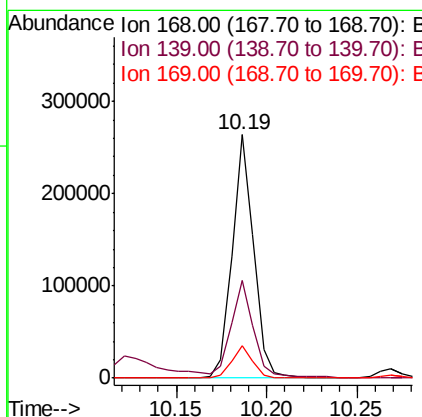
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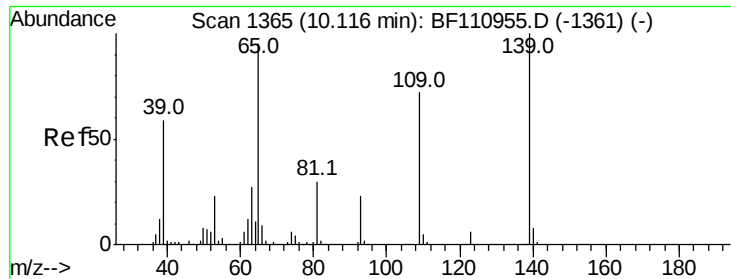
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#55
 Dibenzofuran
 Concen: 35.335 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion:168 Resp: 217793
 Ion Ratio Lower Upper
 168 100
 139 40.0 33.0 49.6
 169 13.1 11.3 16.9





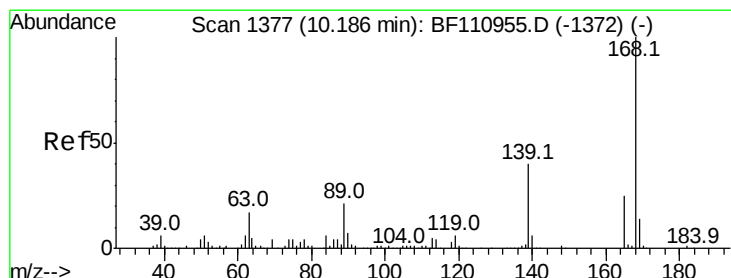
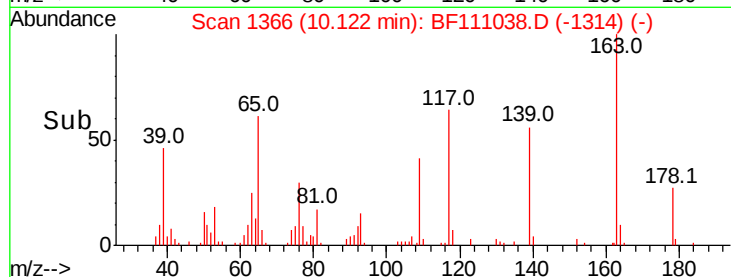
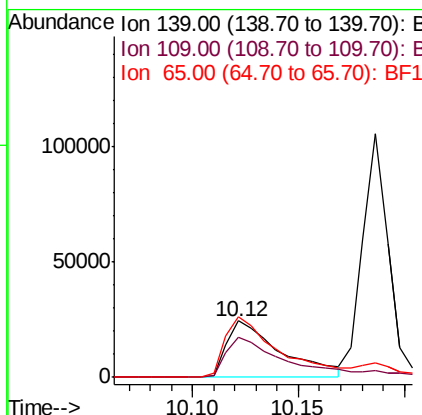
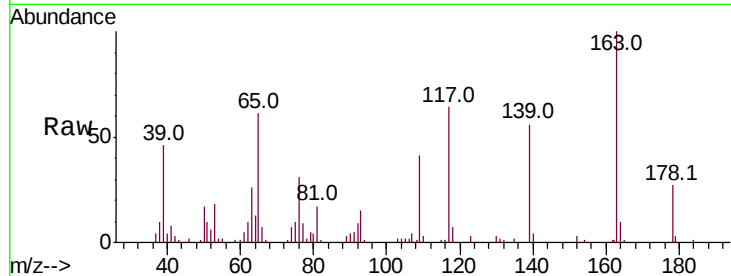
#56
4-Nitrophenol
Concen: 60.079 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.2	55.8	95.8
65	108.0	77.9	117.9

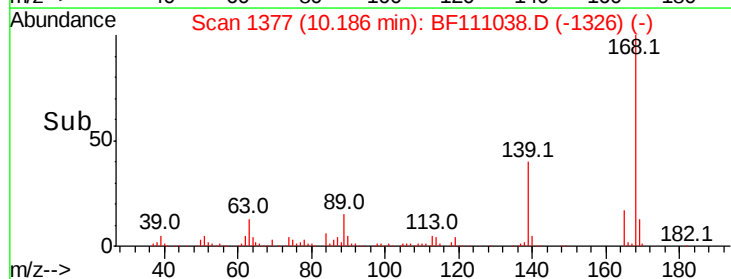
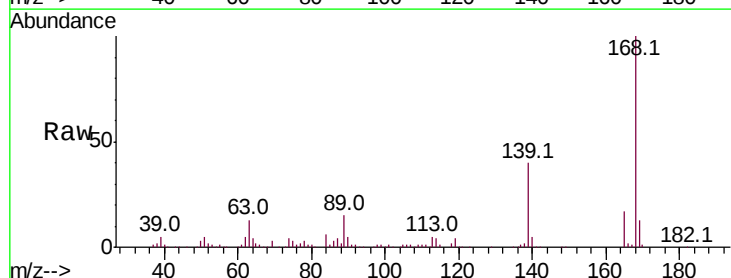
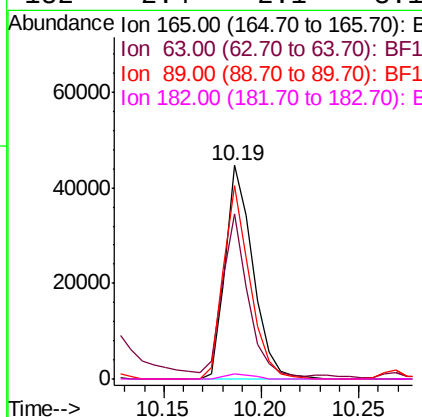
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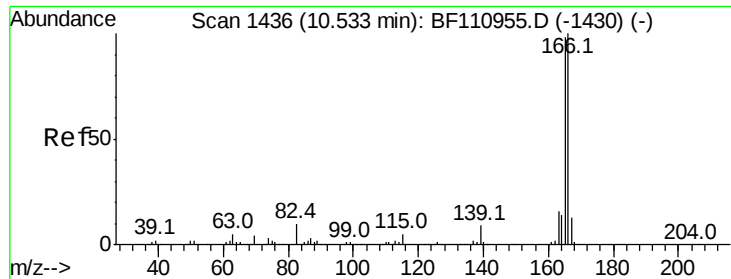
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#57
2,4-Dinitrotoluene
Concen: 29.996 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.6	44.8	67.2#
89	90.5	62.2	93.4
182	2.4	2.1	3.1





#58

Fluorene

Concen: 36.294 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

Tot Ion:166 Resp: 174052

Ion Ratio Lower Upper

166 100

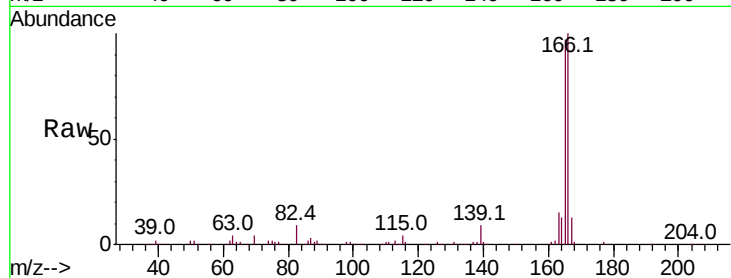
165 97.2 78.6 117.8

167 12.8 10.8 16.2

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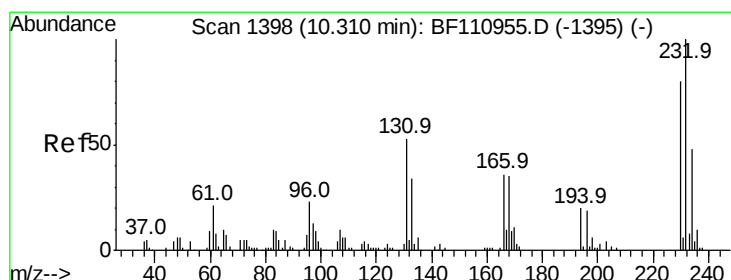
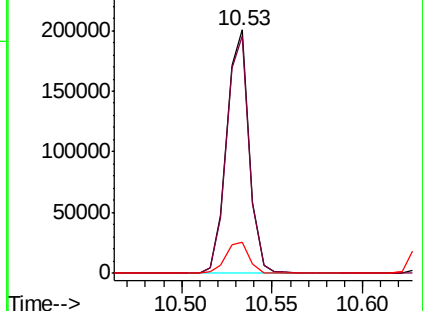
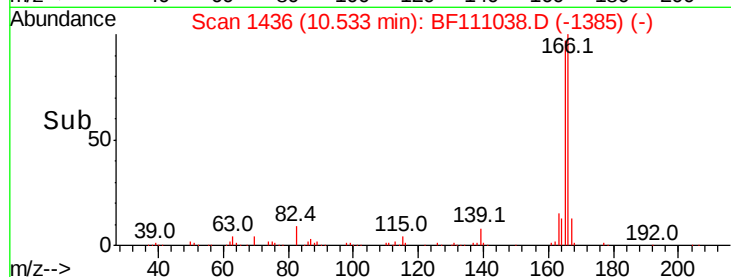
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 36.545 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:232 Resp: 41138

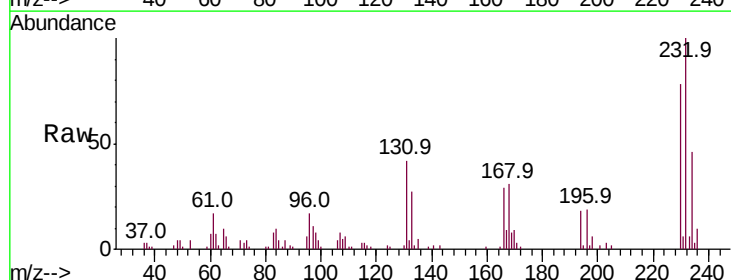
Ion Ratio Lower Upper

232 100

131 48.4 37.0 55.4

130 2.2 1.8 2.6

166 30.8 22.0 33.0

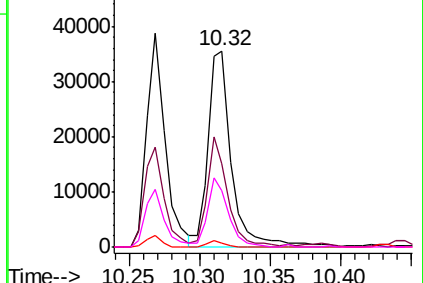
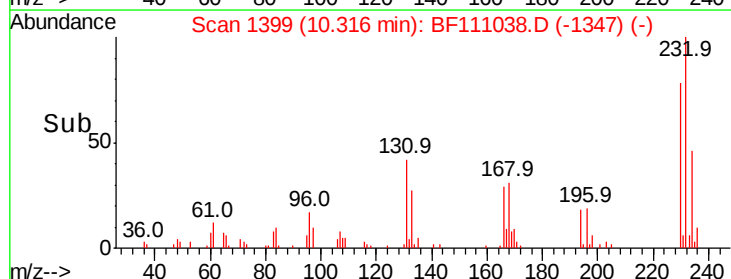


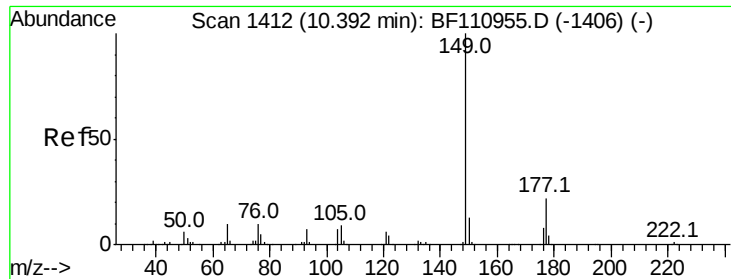
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





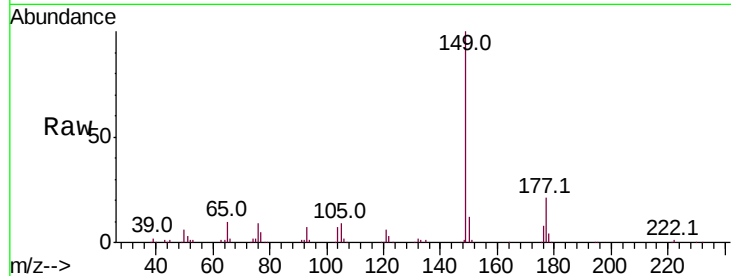
#60
Diethylphthalate
Concen: 35.896 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

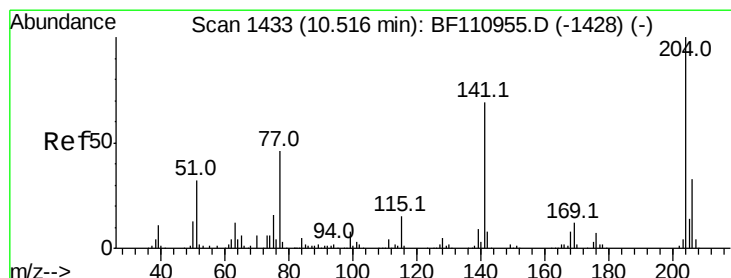
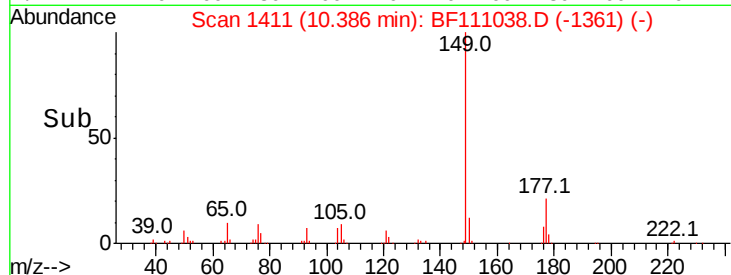
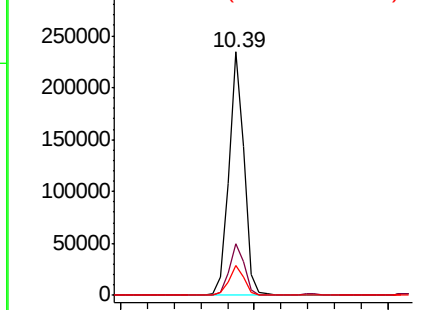
Tot Ion	Ratio	Resp	Lower	Upper
149	100	188231		
177	21.4	17.4	26.2	
150	12.4	9.8	14.8	

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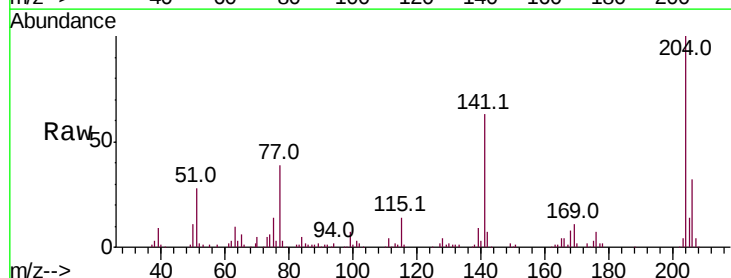


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

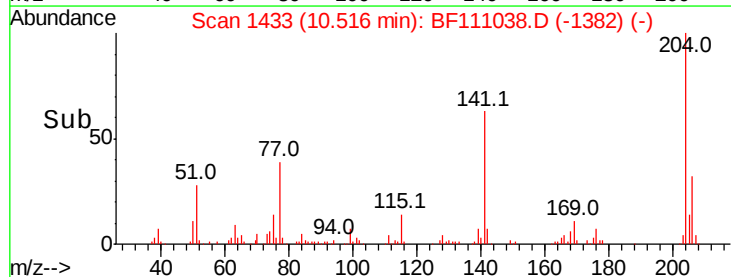
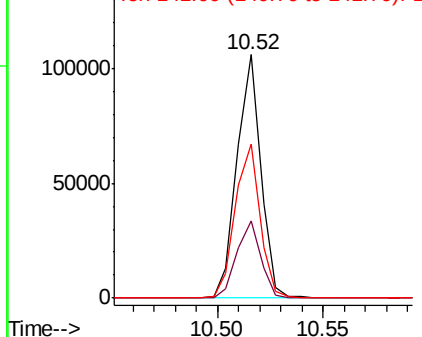


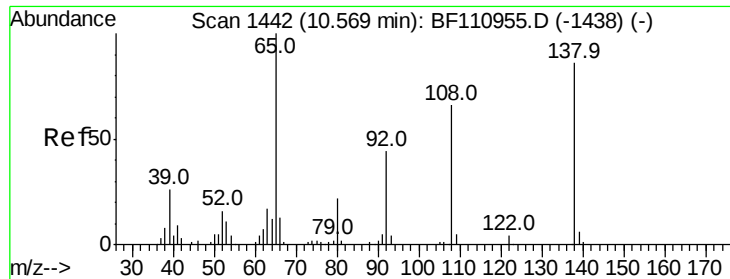
#61
4-Chlorophenyl-phenylether
Concen: 32.964 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	82684		
206	31.6	26.5	39.7	
141	63.3	51.8	77.8	



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





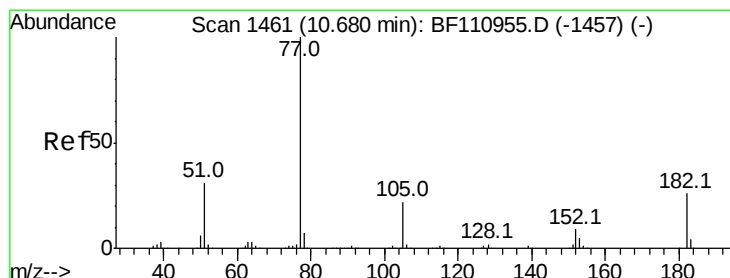
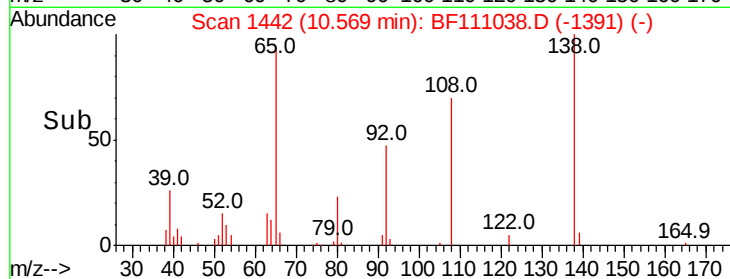
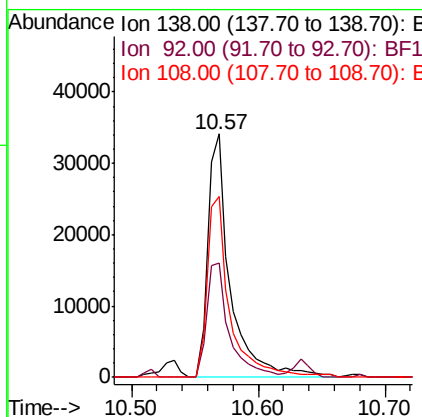
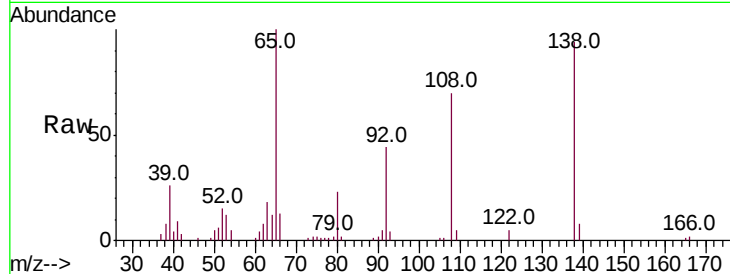
#62
4-Nitroaniline
Concen: 34.409 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.1	31.7	71.7
108	74.5	59.3	99.3

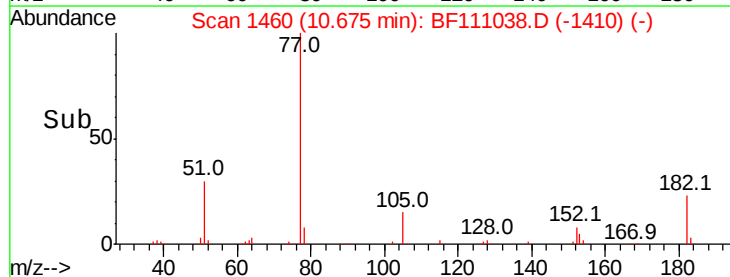
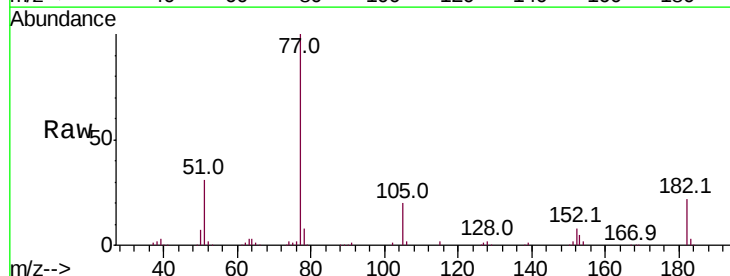
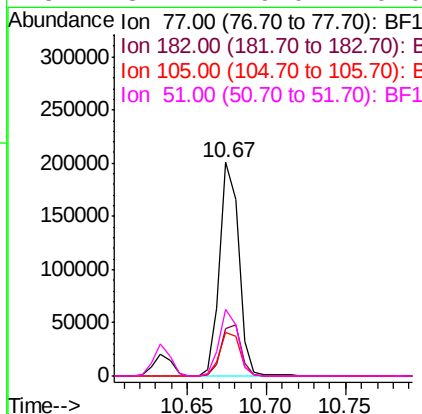
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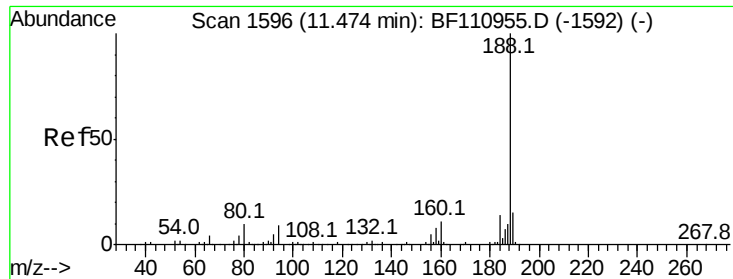
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#63
Azobenzene
Concen: 33.175 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	4.3	44.3
105	20.2	1.3	41.3
51	31.4	9.0	49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

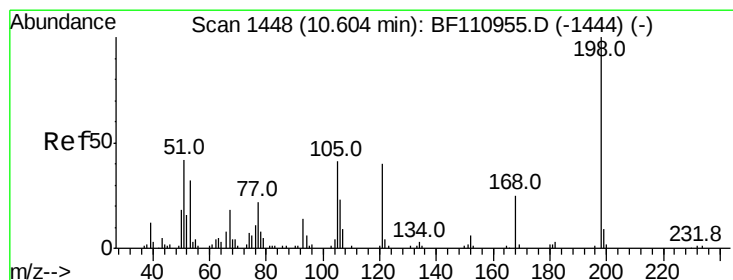
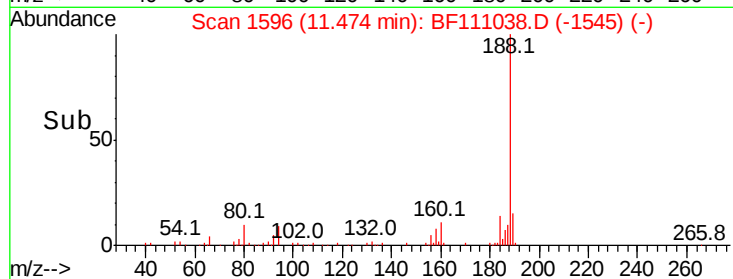
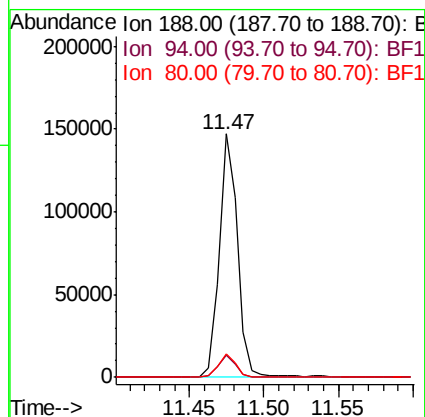
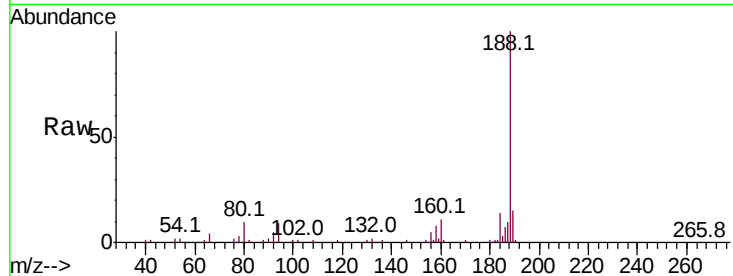
ClientSampleId :

PB115099BSD

Tot Ion:	188	Resp:	125530
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.2	10.8
80	9.8	7.9	11.9

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#65

4,6-Dinitro-2-methylphenol

Concen: 1.125 ng

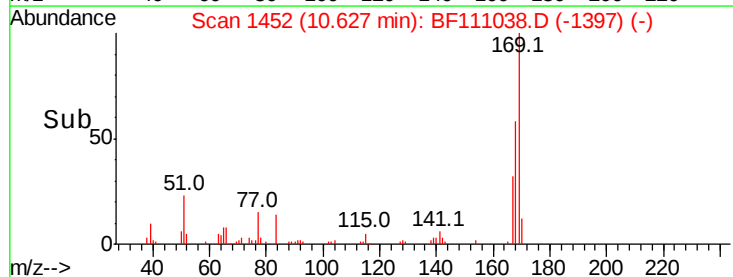
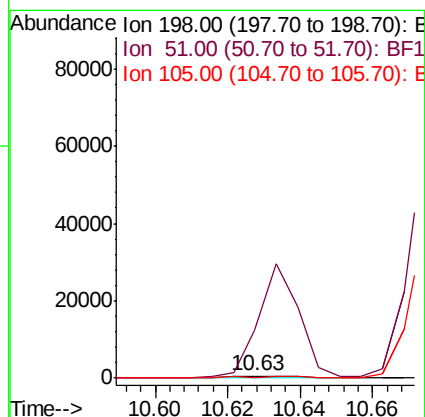
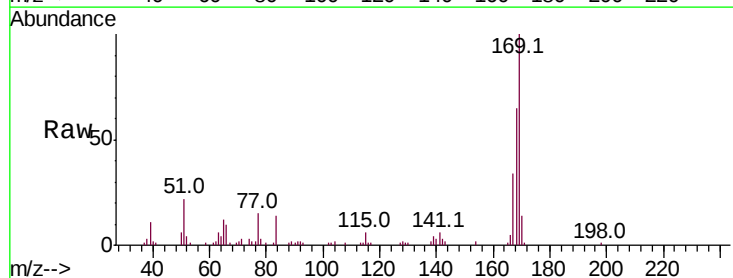
RT: 10.63 min Scan# 1452

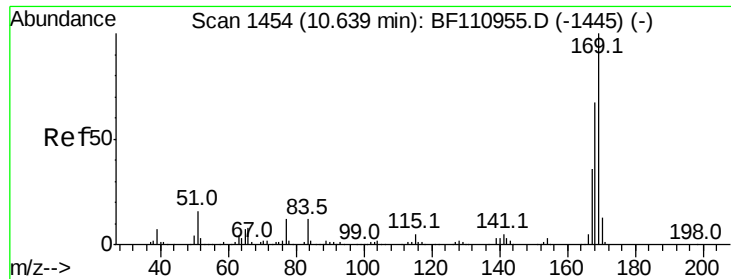
Delta R.T. 0.02 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	198	Resp:	668
Ion Ratio	Lower	Upper	
198	100		
51	2158.4	22.8	62.8#
105	0.0	23.6	63.6#





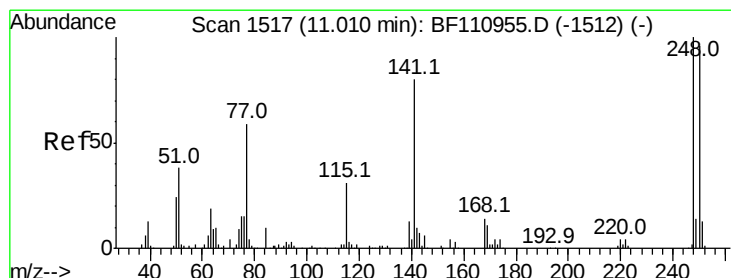
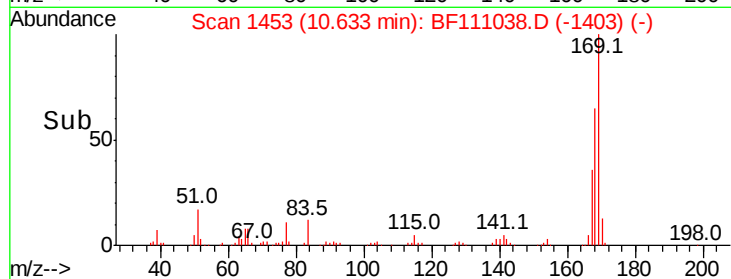
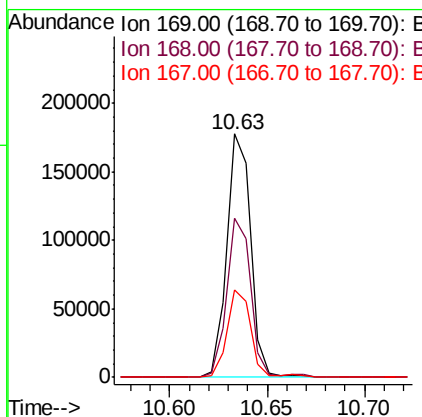
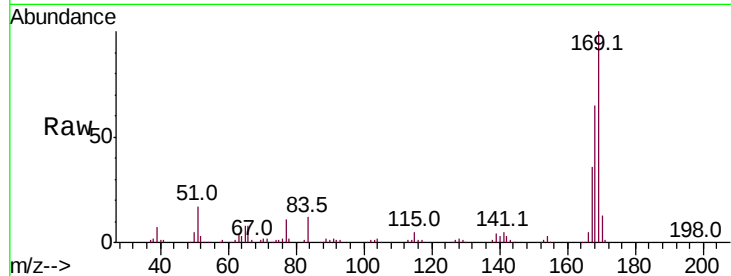
#66
 n-Nitrosodiphenylamine
 Concen: 36.038 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.2	51.2	76.8	
167	35.9	27.8	41.6	

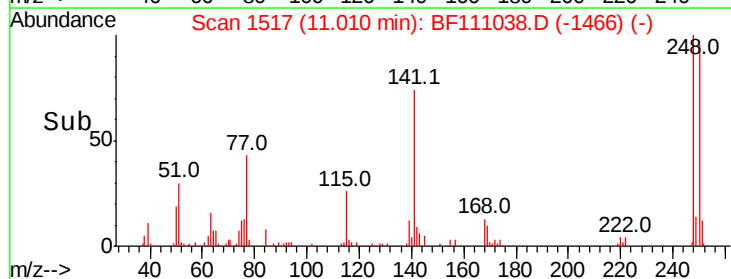
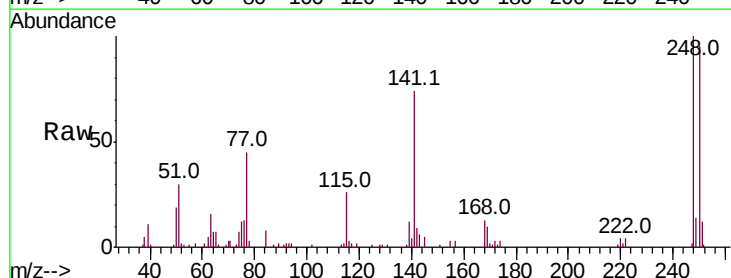
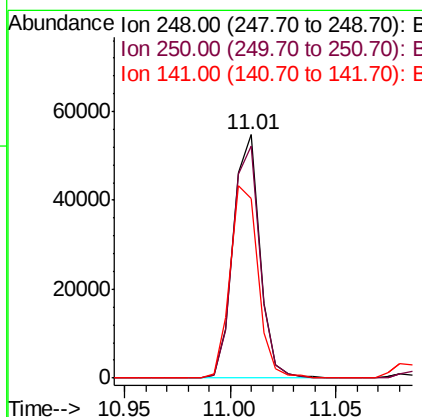
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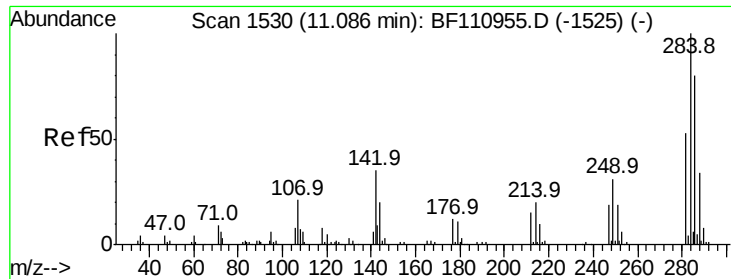
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#67
 4-Bromophenyl-phenylether
 Concen: 34.660 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.2	79.4	119.2	
141	73.6	55.9	83.9	





#68

Hexachlorobenzene

Concen: 33.155 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

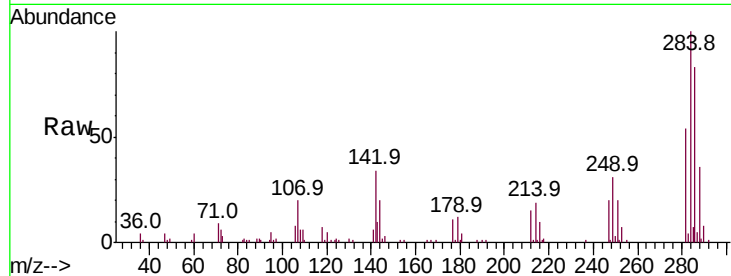
ClientSampleId :

PB115099BSD

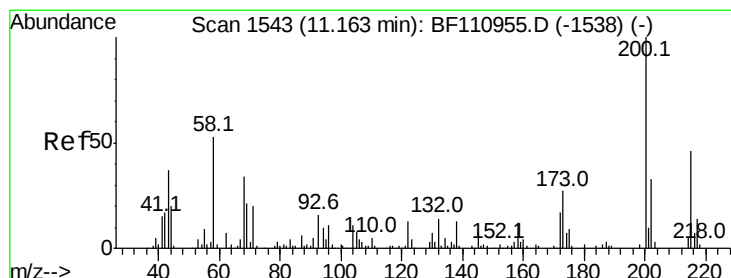
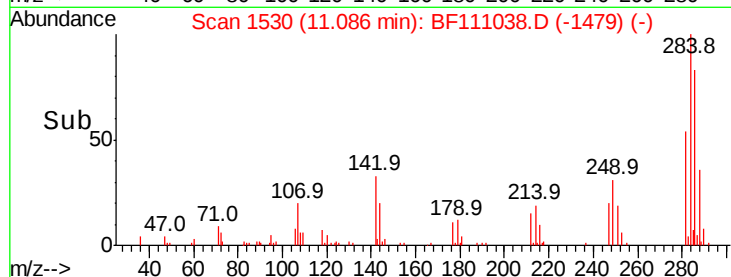
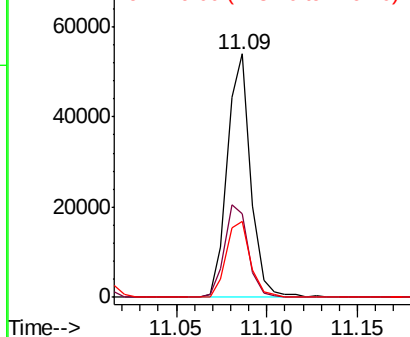
Tot Ion:	284	Resp:	48280
Ion Ratio	Lower	Upper	
284	100		
142	34.2	23.9	35.9
249	31.2	24.2	36.2

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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: 42.547 ng

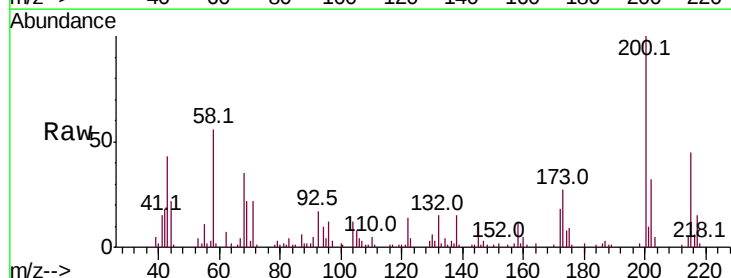
RT: 11.16 min Scan# 1542

Delta R.T. -0.01 min

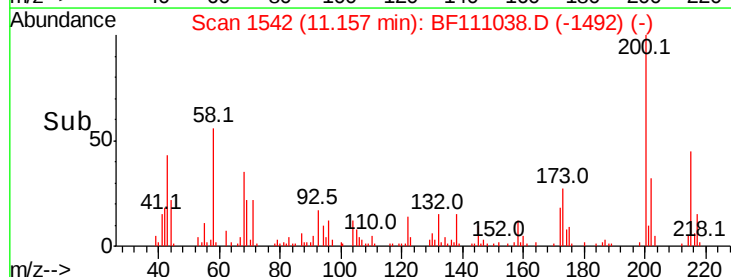
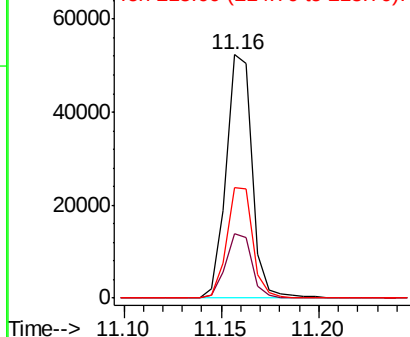
Lab File: BF111038.D

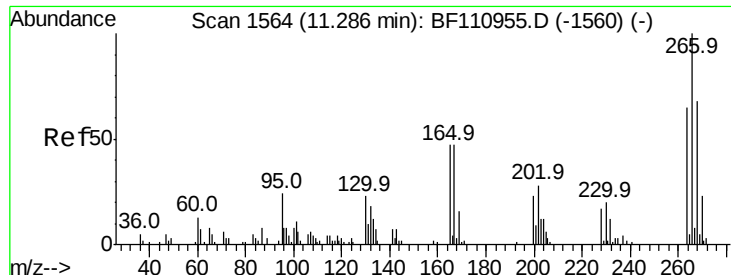
Acq: 28 Nov 2018 5:16

Tgt Ion:	200	Resp:	48514
Ion Ratio	Lower	Upper	
200	100		
173	26.5	6.6	46.6
215	45.4	26.3	66.3



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





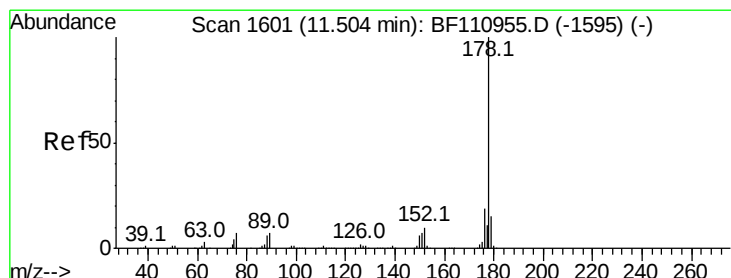
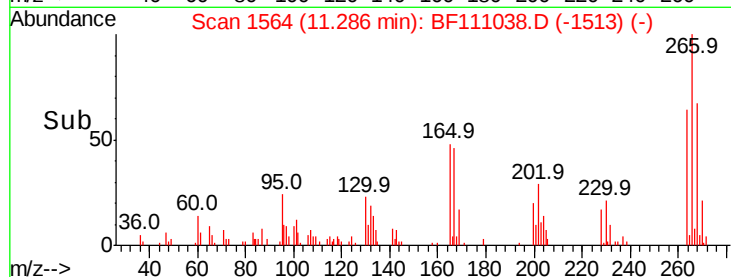
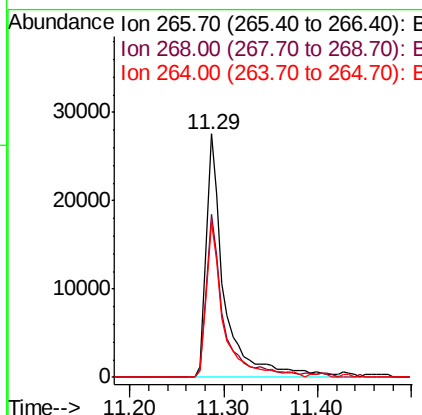
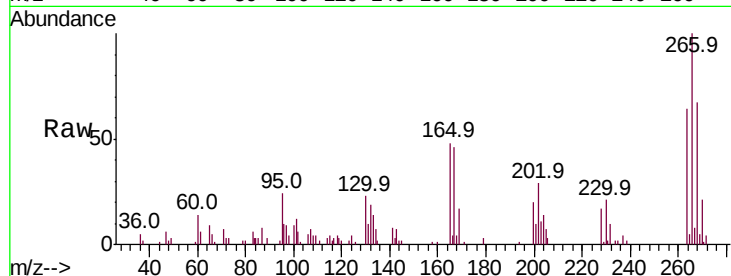
#70
 Pentachlorophenol
 Concen: 64.573 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.1	50.6	75.8
264	63.6	50.6	75.8

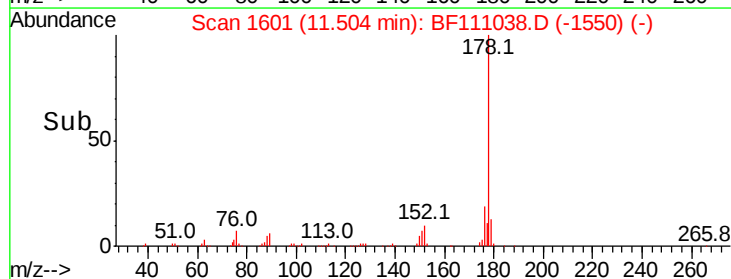
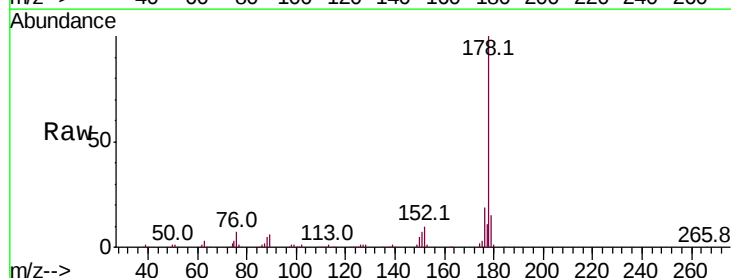
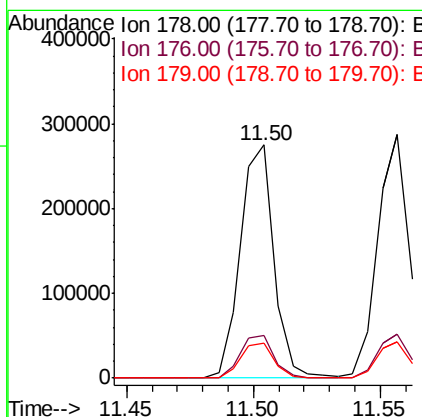
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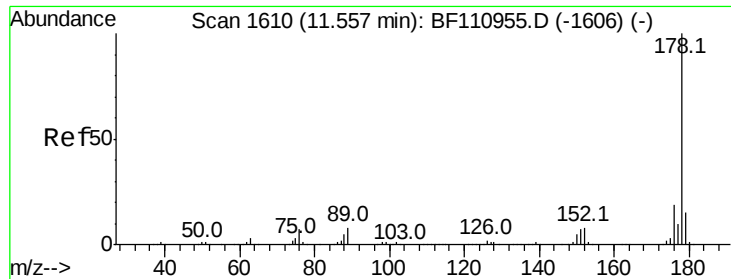
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#71
 Phenanthrene
 Concen: 38.101 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.1	12.5	18.7





#72

Anthracene

Concen: 39.161 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

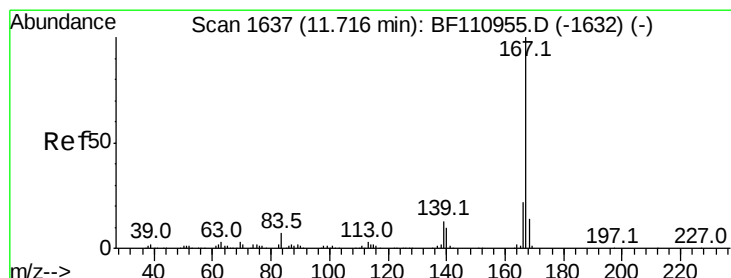
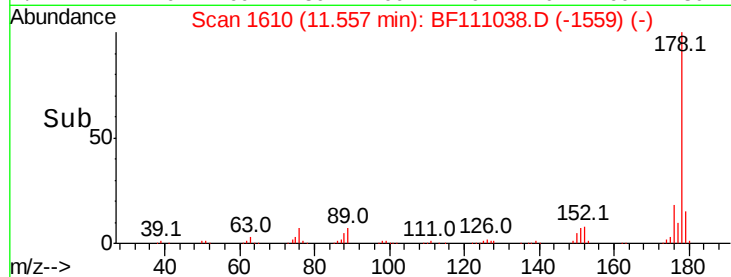
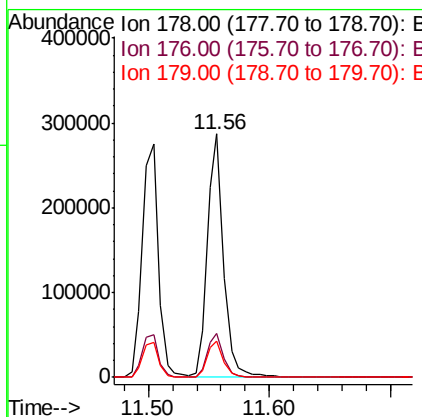
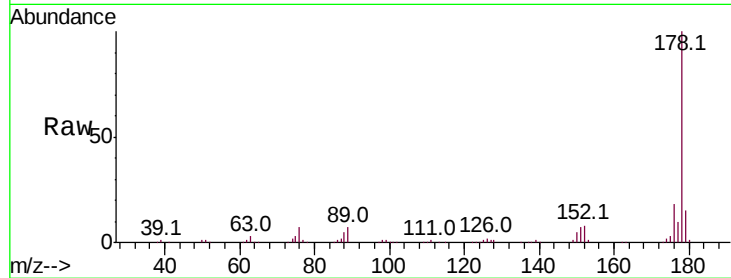
ClientSampleId :

PB115099BSD

Tot Ion:	178	Resp:	265150
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.4	23.2
179	14.9	12.6	18.8

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#73

Carbazole

Concen: 35.558 ng

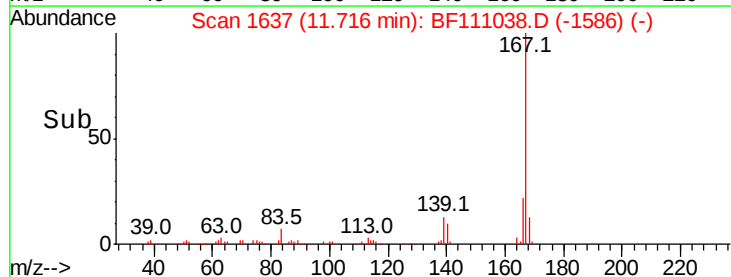
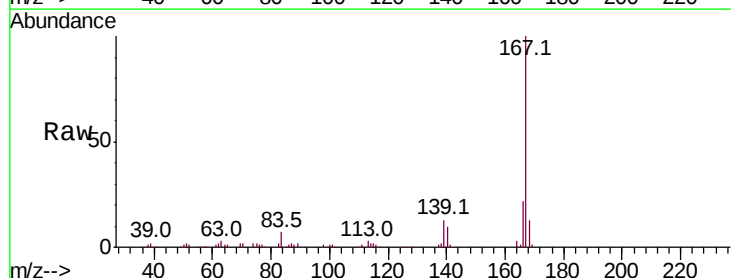
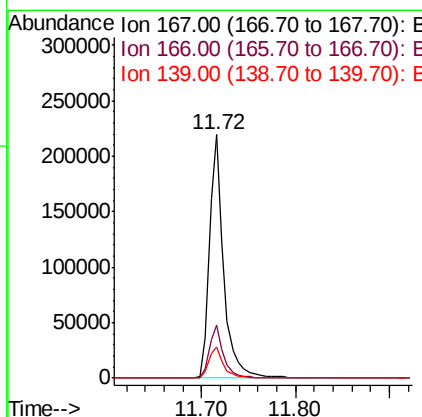
RT: 11.72 min Scan# 1637

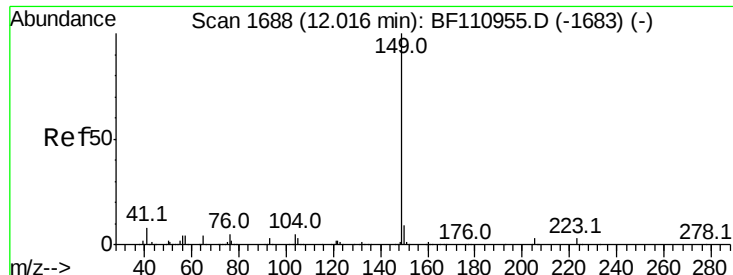
Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	167	Resp:	233677
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.4	26.0
139	12.5	10.9	16.3





#74

Di-n-butylphthalate

Concen: 37.288 ng

RT: 12.02 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

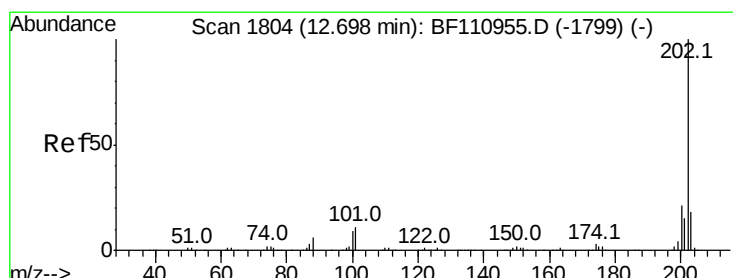
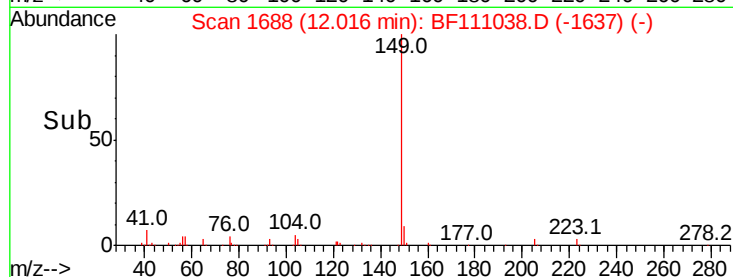
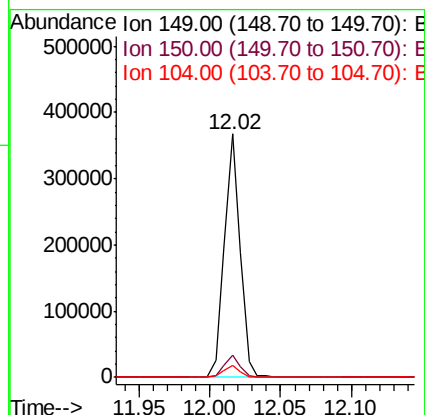
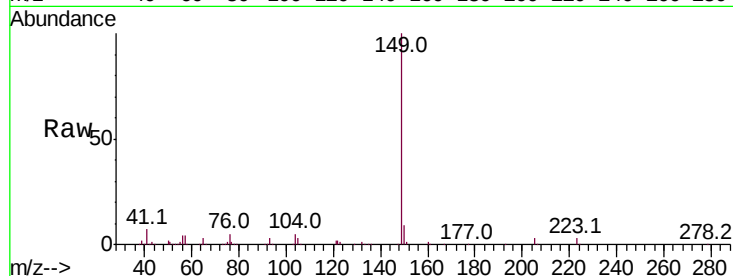
ClientSampleId :

PB115099BSD

Tot Ion:	149	Resp:	286508
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.9	4.2	6.4

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#75

Fluoranthene

Concen: 41.115 ng

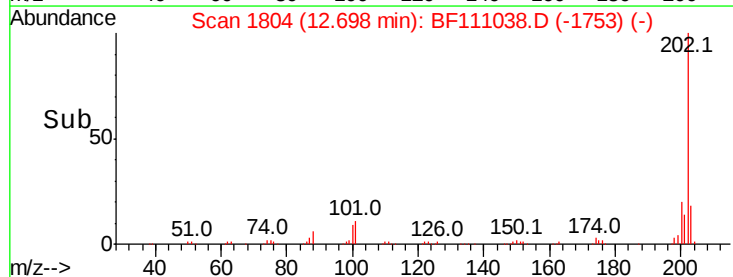
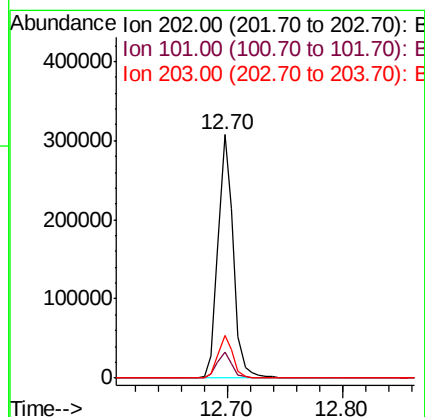
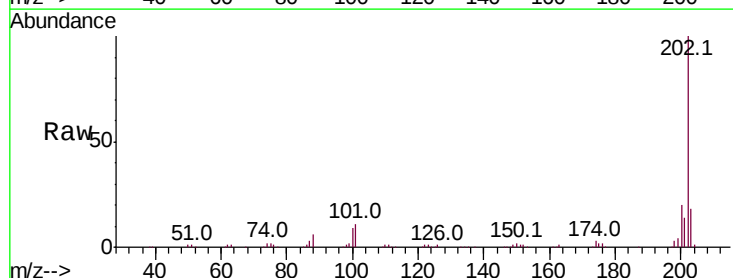
RT: 12.70 min Scan# 1804

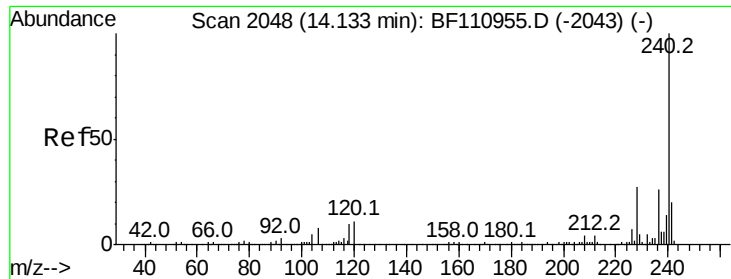
Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	202	Resp:	280946
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.5	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

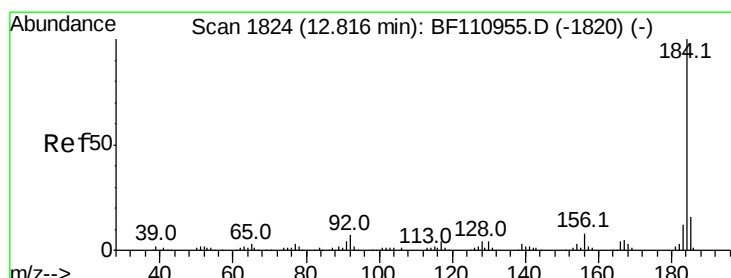
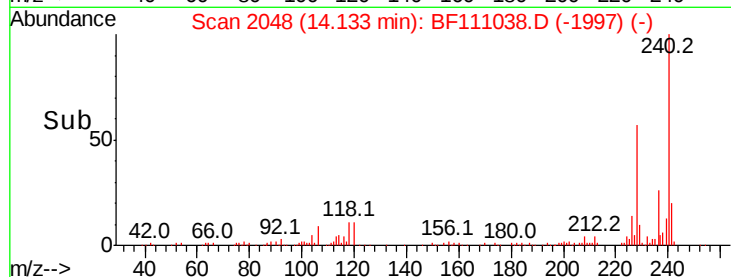
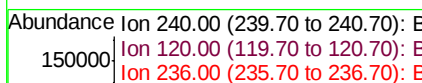
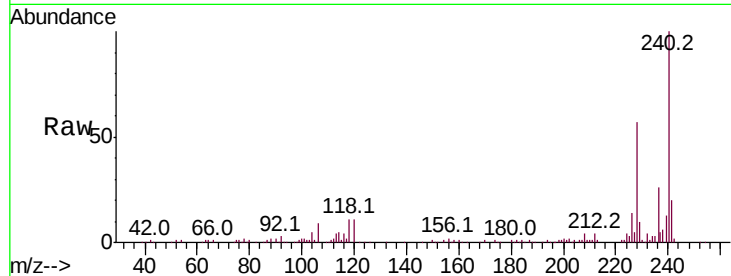
ClientSampleId :

PB115099BSD

Tot Ion:	240	Resp:	98235
Ion Ratio	Lower	Upper	
240	100		
120	11.5	8.3	12.5
236	25.6	21.2	31.8

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#77

Benzidine

Concen: 68.298 ng

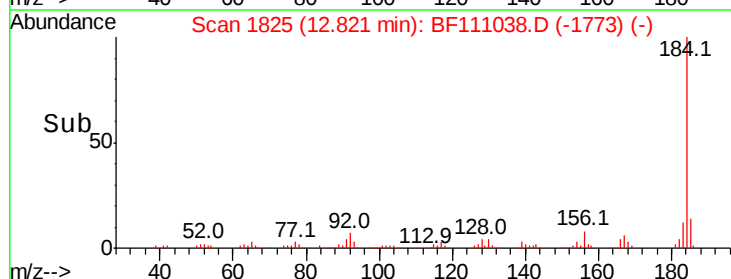
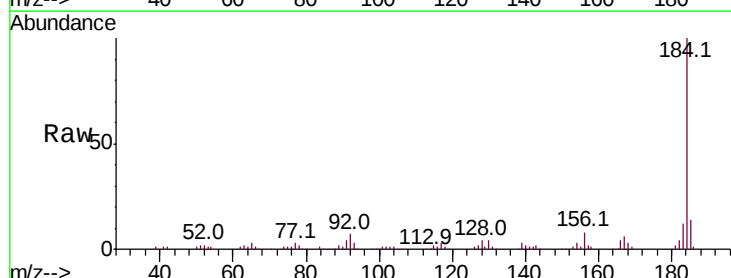
RT: 12.82 min Scan# 1825

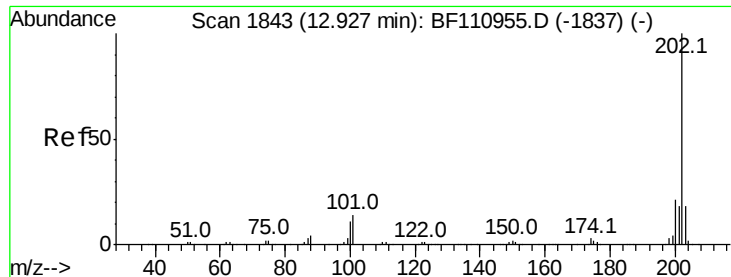
Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	184	Resp:	171609
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.4	20.2
183	11.9	9.4	14.2





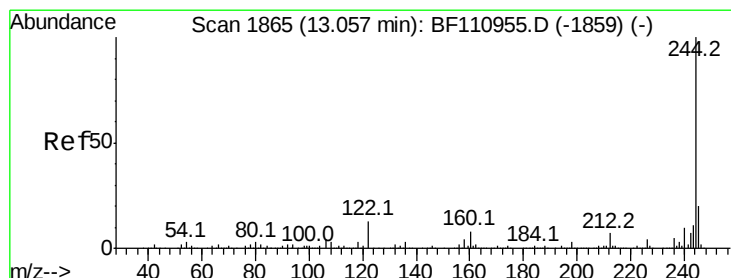
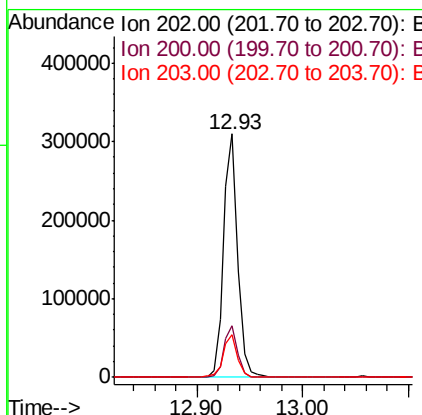
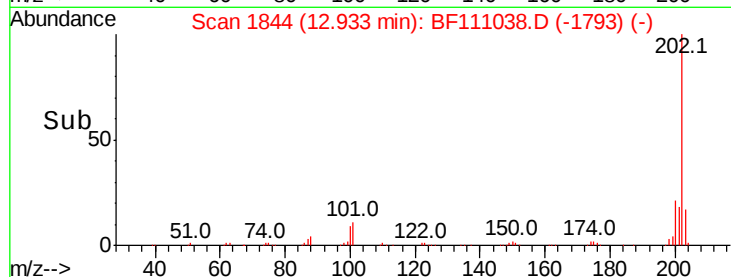
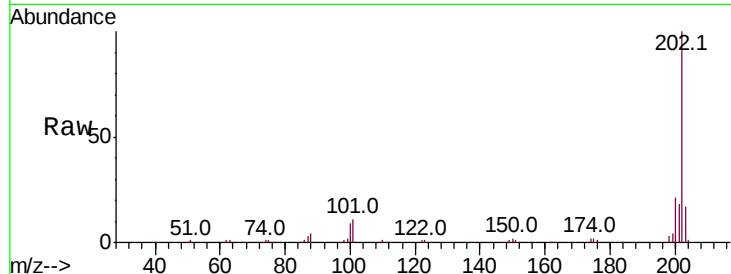
#78
Pvrene
Concen: 40.273 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.3	14.2	21.4

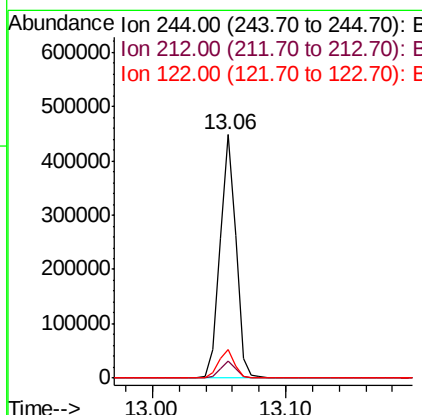
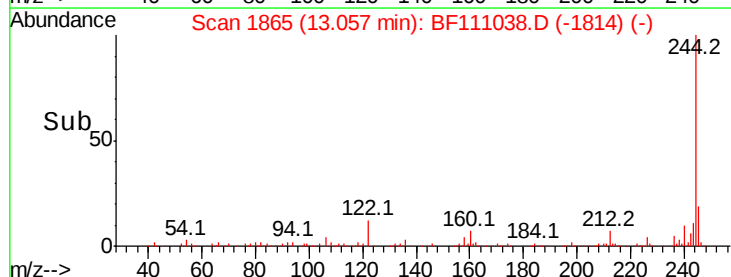
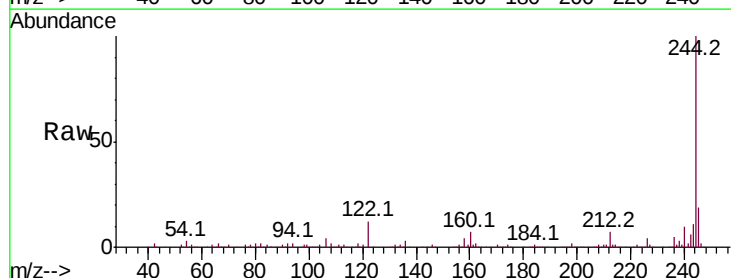
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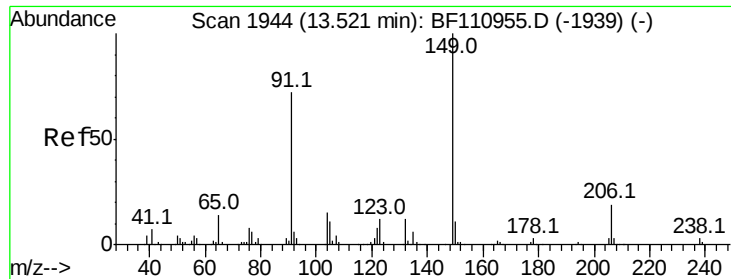
mohammad
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#79
Terphenyl-d14
Concen: 75.177 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.7	8.7	13.1





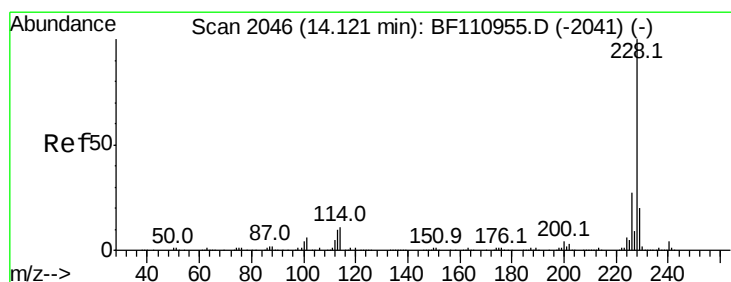
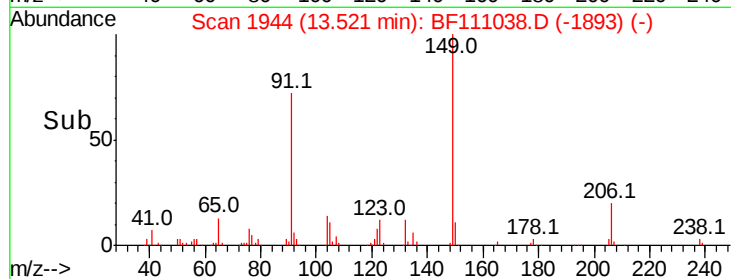
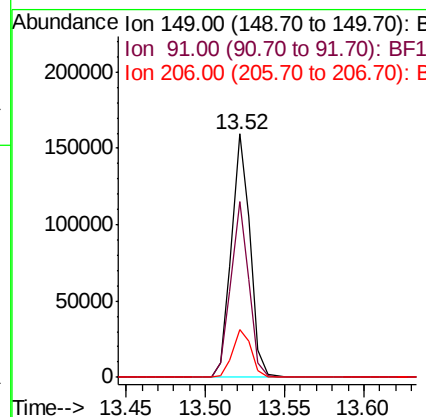
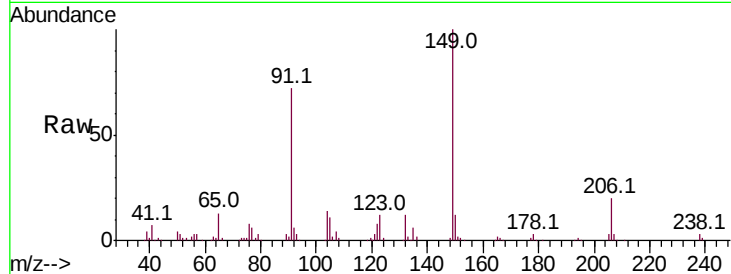
#80
Butylbenzylphthalate
Concen: 40.305 ng
RT: 13.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	130561		
91	72.0	57.2	85.8	
206	19.6	15.7	23.5	

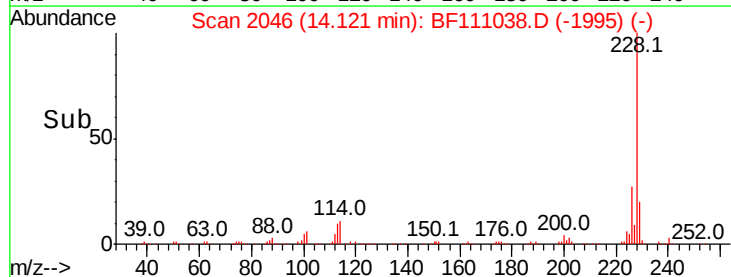
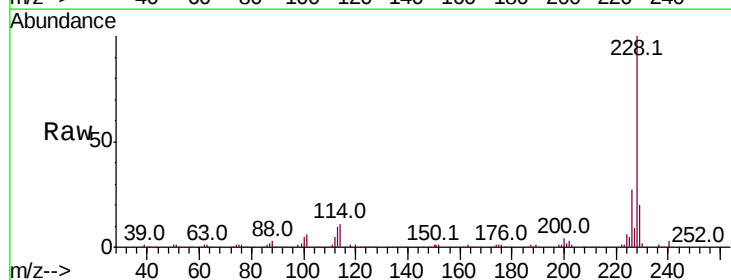
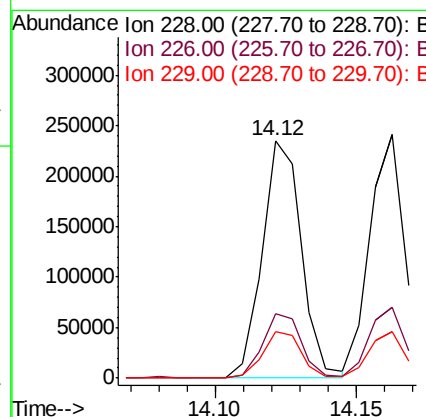
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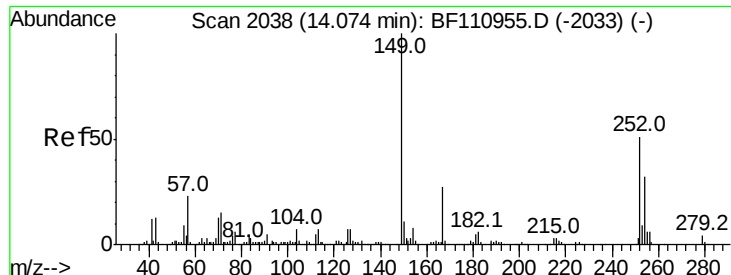
mohammad
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#81
Benzo(a)anthracene
Concen: 39.035 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	226390		
226	27.1	22.1	33.1	
229	19.6	15.6	23.4	





#82

3,3'-Dichlorobenzidine

Concen: 37.200 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

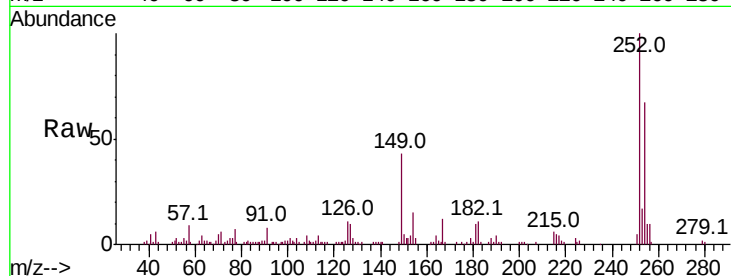
ClientSampleId :

PB115099BSD

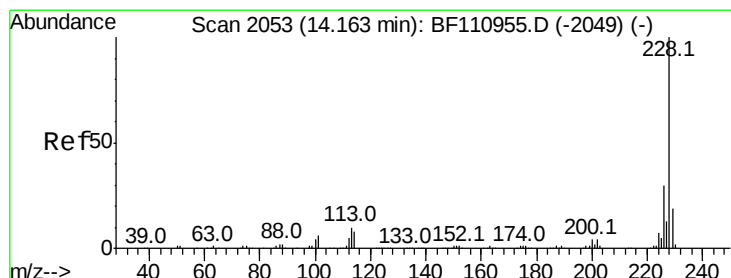
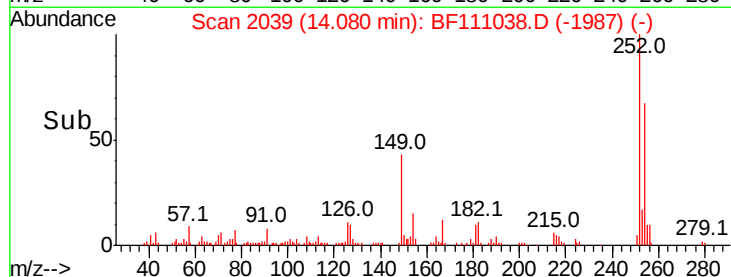
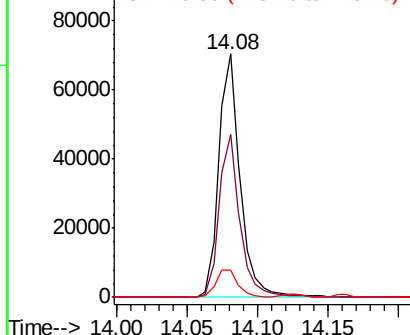
Tot Ion:	252	Resp:	73977
Ion Ratio	Lower	Upper	
252	100		
254	66.7	51.3	76.9
126	11.3	9.4	14.2

Manual Integrations
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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: 37.628 ng

RT: 14.16 min Scan# 2053

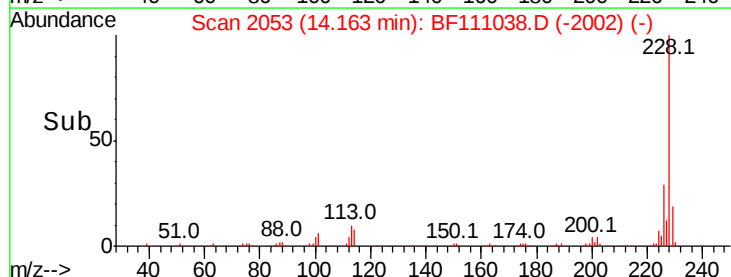
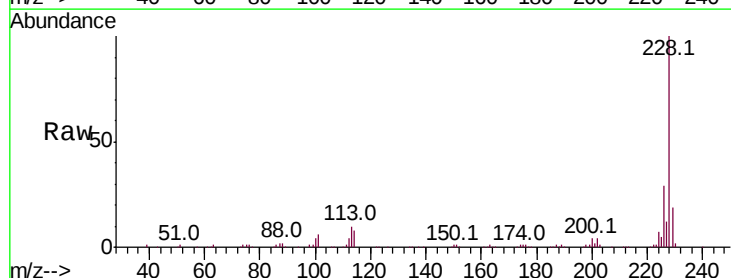
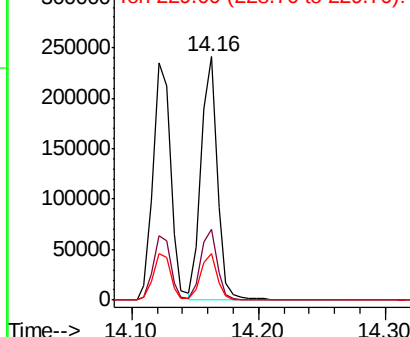
Delta R.T. -0.00 min

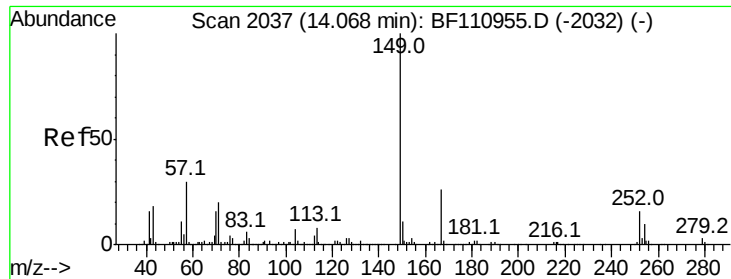
Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:	228	Resp:	214830
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.7	37.1
229	19.0	15.9	23.9

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





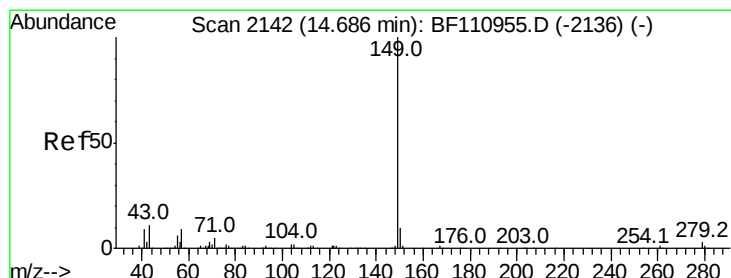
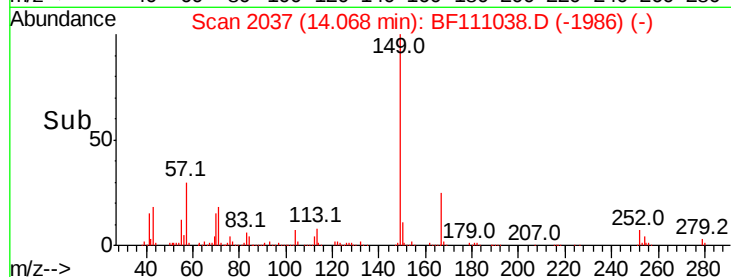
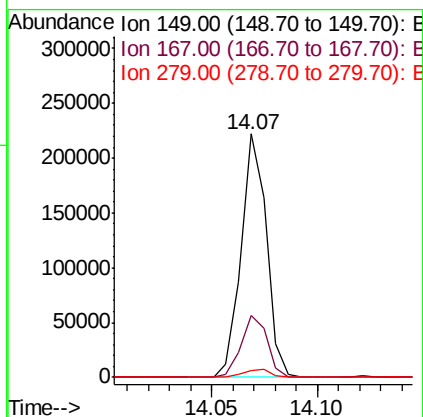
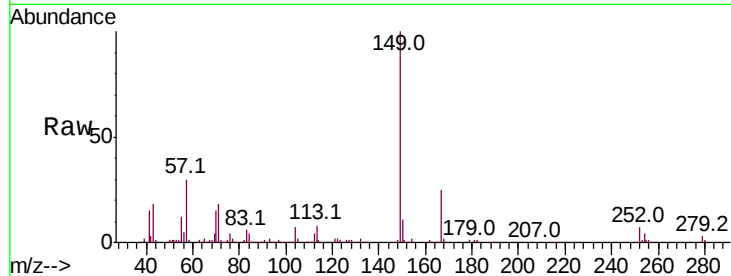
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.678 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	184209		
167	25.4		19.8	29.8
279	3.1		2.7	4.1

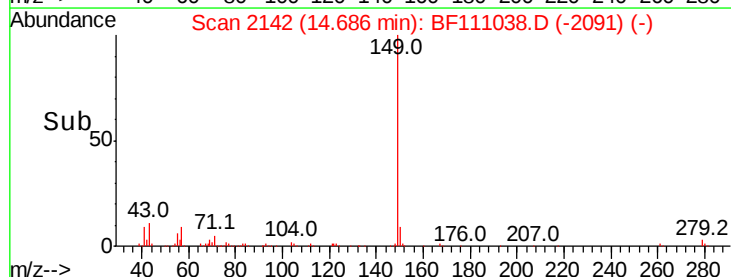
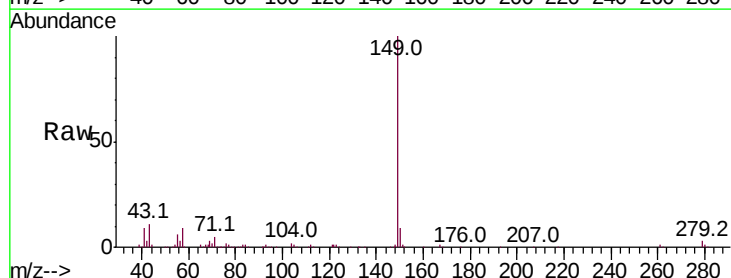
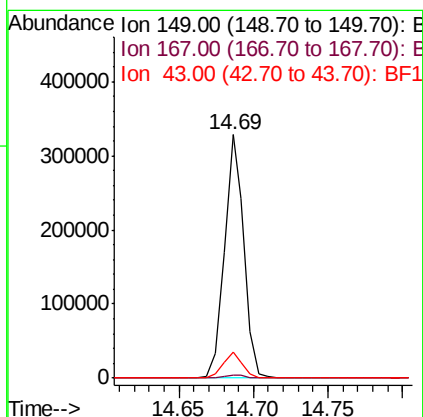
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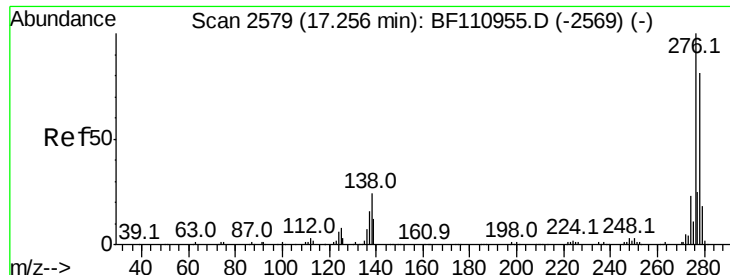
mohammad
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#85
 Di-n-octyl phthalate
 Concen: 44.174 ng
 RT: 14.69 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	300972		
167	1.4		1.1	1.7
43	10.5		7.8	11.8





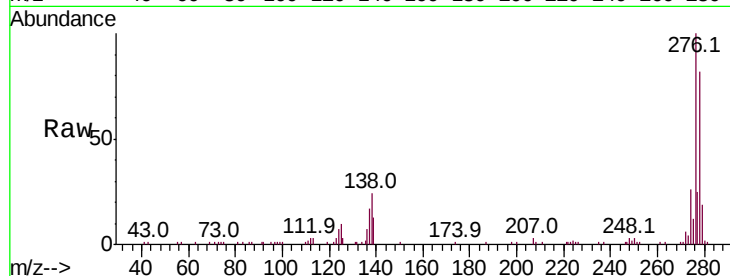
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.589 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.5	27.7
277	24.9	20.0	30.0

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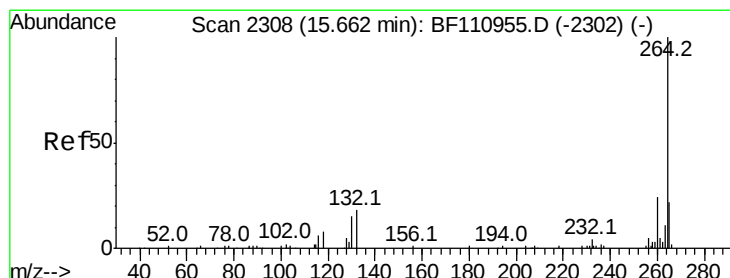
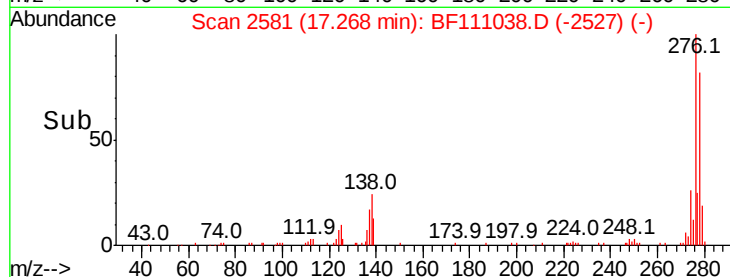
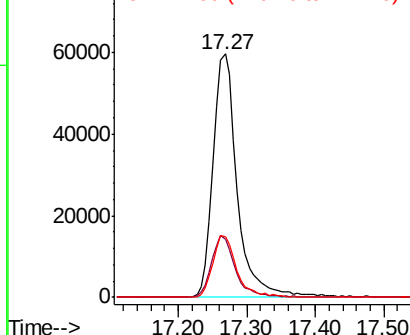


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

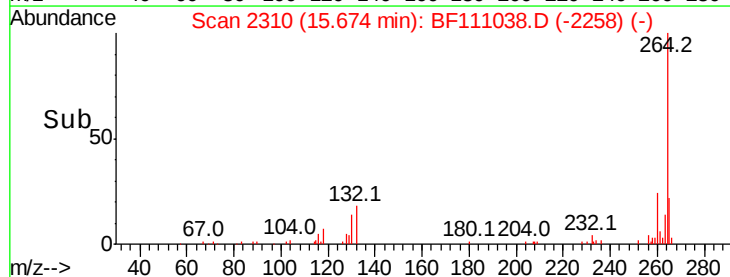
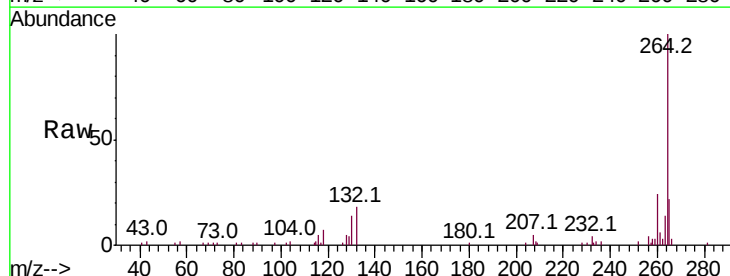
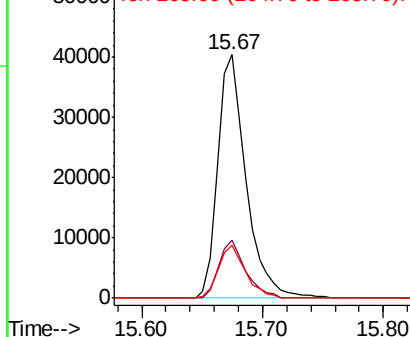
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	16.7	25.1

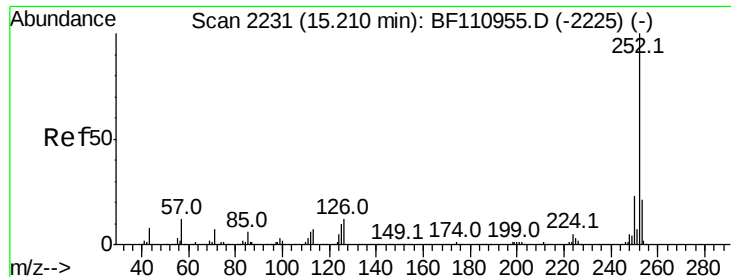
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





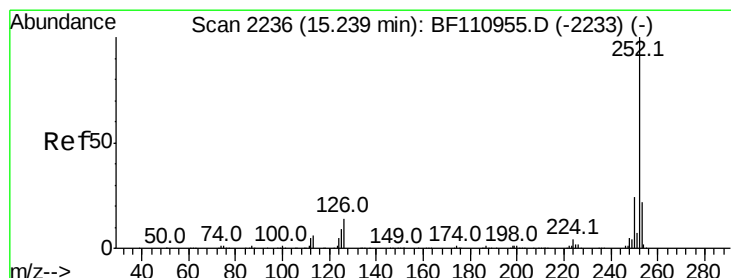
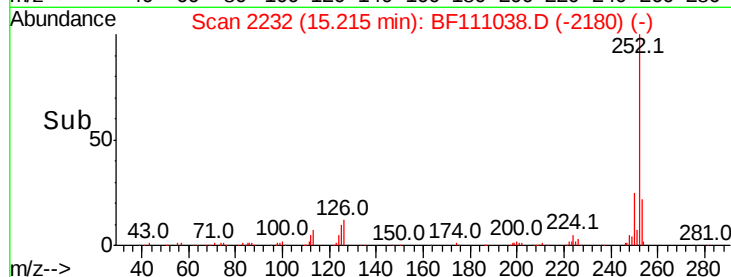
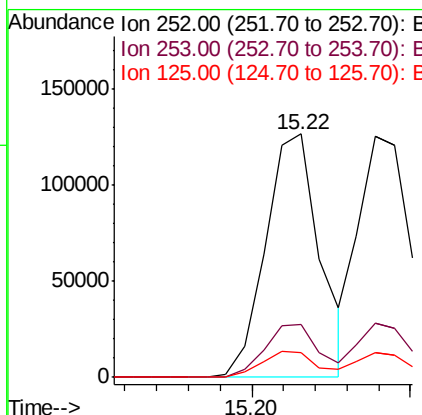
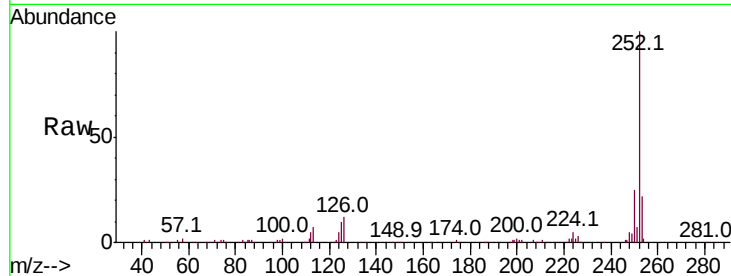
#88
Benzo(b)fluoranthene
Concen: 39.405 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.3	8.2	12.4

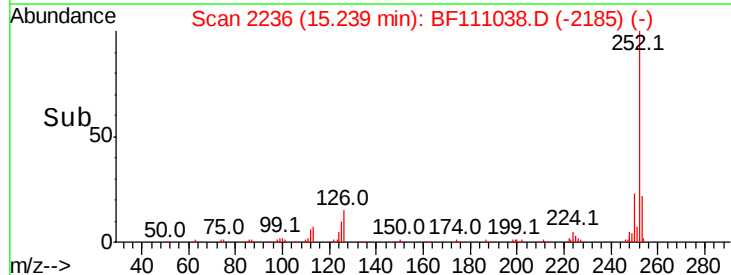
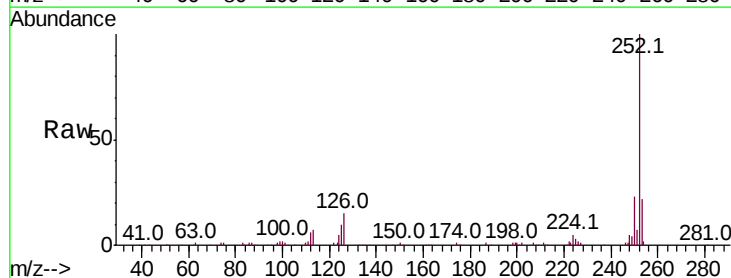
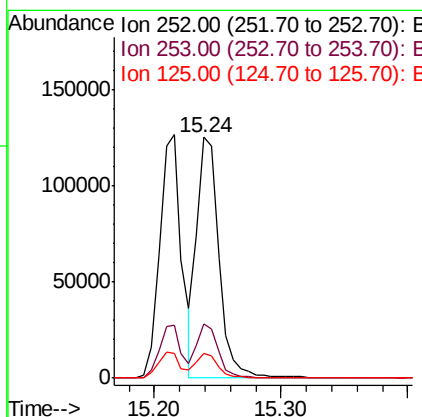
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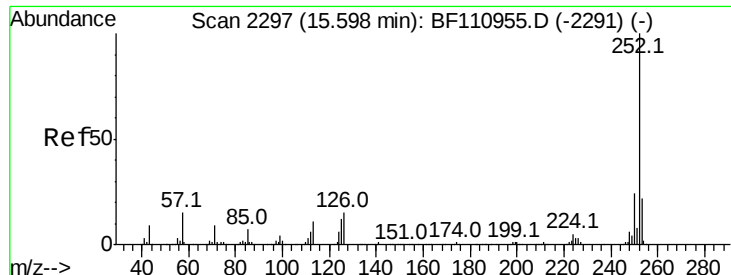
mohammad
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#89
Benzo(k)fluoranthene
Concen: 38.492 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.2	7.4	11.0





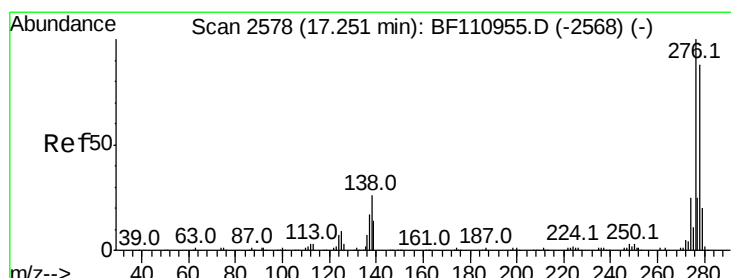
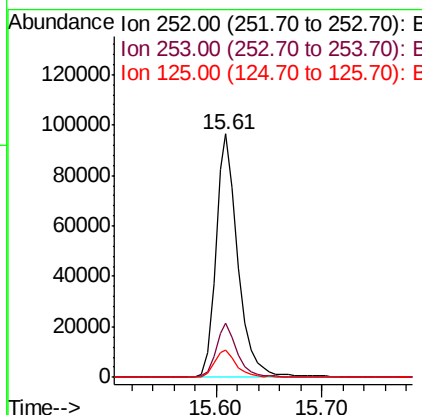
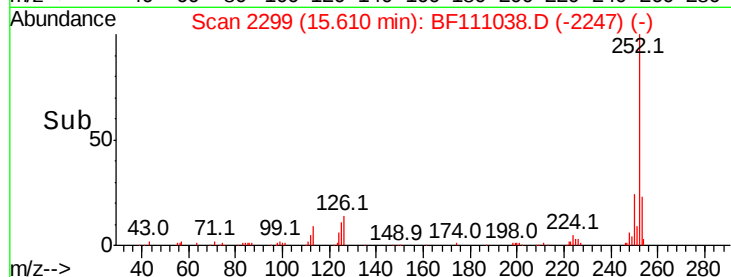
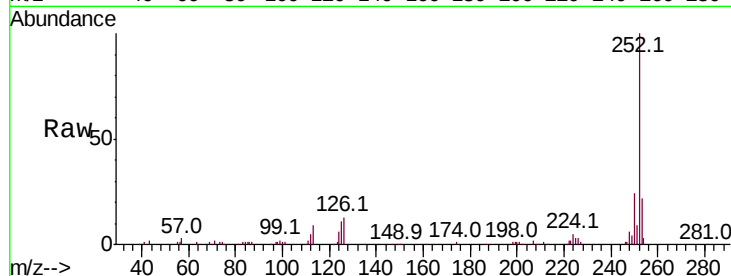
#90
Benzo(a)pyrene
Concen: 39.323 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	11.1	9.0	13.6

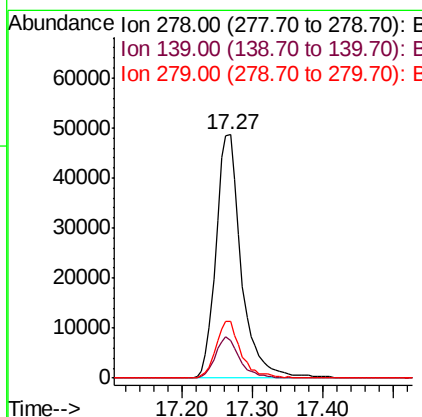
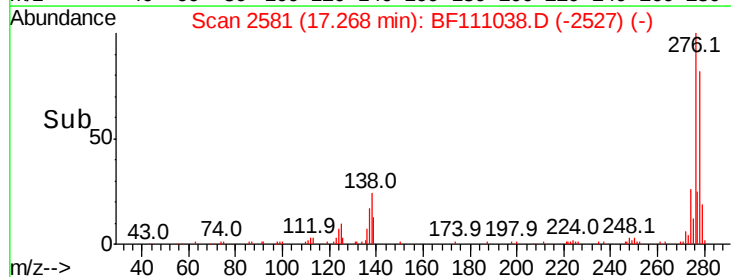
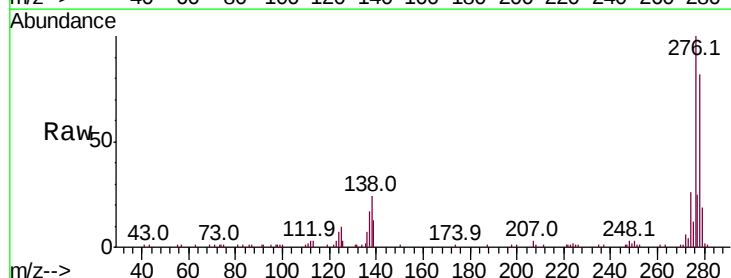
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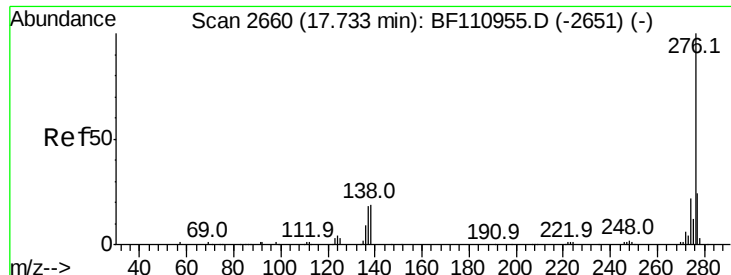
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 41.329 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	23.3	19.0	28.4





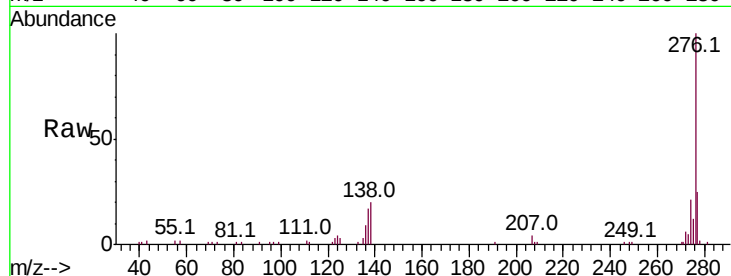
#92
 Benzo(a,h,i)perylene
 Concen: 42.248 ng
 RT: 17.76 min Scan# 2664
 Delta R.T. 0.02 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tot Ion:	276	Resp:	119789
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.8	28.2
138	20.4	16.0	24.0

Manual Integrations
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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

