

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101605.D
 Acq On : 21 Dec 2017 14:29
 Operator : SJ/JU
 Sample : I6681-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Manual Integrations
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Sohil
 12/22/2017 12:41:47 PM

Quant Time: Dec 21 15:28:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126455	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	462778	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	169284	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	281299	20.00	ng	0.00
75) Chrysene-d12	13.99	240	207280	20.00	ng	0.02
86) Perylene-d12	15.46	264	226422	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	899962	106.01	ng	0.01
7) Phenol-d6	6.45	99	987208	93.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	638086	76.75	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	156829	96.14	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	916904	84.02	ng	0.00
78) Terphenyl-d14	12.91	244	788411	91.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	146616	33.611	ng	96
3) Pyridine	3.32	79	370399	30.562	ng	98
4) n-Nitrosodimethylamine	3.27	42	187451	33.592	ng	97
6) Aniline	6.47	93	223625	15.231	ng	# 69
8) 2-Chlorophenol	6.59	128	300167	33.613	ng	95
9) Benzaldehyde	6.36	77	178262	22.846	ng	98
10) Phenol	6.46	94	413258	34.318	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	338190	35.804	ng	94
12) 1,3-Dichlorobenzene	6.73	146	341396	33.873	ng	97
13) 1,4-Dichlorobenzene	6.82	146	345972	33.615	ng	99
14) 1,2-Dichlorobenzene	6.97	146	309852	33.446	ng	97
15) Benzyl Alcohol	6.95	79	233153	32.061	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	521294	36.060	ng	# 46
17) 2-Methylphenol	7.07	107	238638	29.051	ng	# 83
18) Hexachloroethane	7.30	117	108850	30.419	ng	97
19) n-Nitroso-di-n-propylamine	7.21	70	220890	31.836	ng	91
20) 3+4-Methylphenols	7.23	107	332879	38.241	ng	96
22) Acetophenone	7.21	105	434705	41.167	ng	# 96
24) Nitrobenzene	7.39	77	328090	35.658	ng	96
25) Isophorone	7.62	82	581926	34.893	ng	97
26) 2-Nitrophenol	7.70	139	150710	38.126	ng	97
27) 2,4-Dimethylphenol	7.74	122	251893	37.510	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	375755	35.469	ng	98
29) 2,4-Dichlorophenol	7.96	162	223360	33.666	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	238727	34.097	ng	96
31) Naphthalene	8.10	128	807753	34.671	ng	99
32) Benzoic acid	7.86	122	46646	16.560	ng	92
33) 4-Chloroaniline	8.17	127	116958	11.550	ng	96
34) Hexachlorobutadiene	8.21	225	139531	34.457	ng	99
35) Caprolactam	8.53	113	66561	28.893	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	220429	30.228	ng	99
37) 2-Methylnaphthalene	8.79	142	520975	34.322	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	222570	38.942	ng	98
40) Hexachlorocyclopentadiene	8.85	237	318	11.685	ng	# 26

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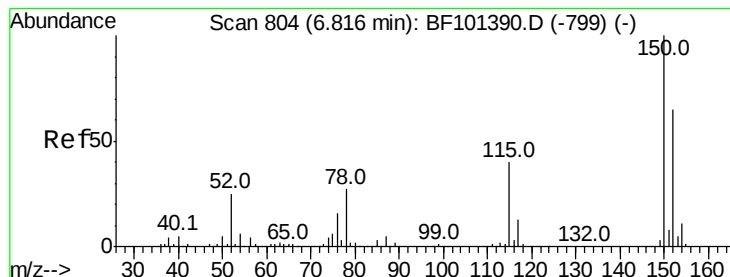
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	134262	39.020	nq	100
43) 2,4,5-Trichlorophenol	9.13	196	127253	33.776	nq	96
45) 1,1'-Biphenyl	9.25	154	575978	38.365	nq	98
46) 2-Chloronaphthalene	9.28	162	411709	35.841	nq	98
47) 2-Nitroaniline	9.39	65	144804	36.490	nq	91
48) Acenaphthylene	9.70	152	726865	40.061	nq	100
49) Dimethylphthalate	9.55	163	516149	37.906	nq	100
50) 2,6-Dinitrotoluene	9.63	165	91700	33.135	nq #	79
51) Acenaphthene	9.87	154	406968	37.334	nq	99
52) 3-Nitroaniline	9.80	138	87433	25.340	nq	100
53) 2,4-Dinitrophenol	9.95	184	6805	16.470	nq #	31
54) Dibenzofuran	10.04	168	521109	37.617	nq	97
55) 4-Nitrophenol	9.99	139	106551	70.821	nq	93
56) 2,4-Dinitrotoluene	10.05	165	108143	34.683	nq #	80
57) Fluorene	10.39	166	468911	40.013	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	92420	34.143	nq	90
59) Diethylphthalate	10.25	149	446219	33.092	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	189949	33.820	nq	96
61) 4-Nitroaniline	10.42	138	86770	25.019	nq	96
62) Azobenzene	10.53	77	436188	31.226	nq	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	7140m	4.974	nq	
65) n-Nitrosodiphenylamine	10.49	169	355433	34.220	nq	96
66) 4-Bromophenyl-phenylether	10.86	248	109991	34.799	nq #	85
67) Hexachlorobenzene	10.94	284	109241	32.656	nq #	89
68) Atrazine	11.02	200	108777	35.122	nq	97
69) Pentachlorophenol	11.14	266	93886	72.812	nq	99
70) Phenanthrene	11.36	178	1535087	98.130	nq	99
71) Anthracene	11.40	178	933312	58.407	nq	100
72) Carbazole	11.56	167	561968	37.563	nq	99
73) Di-n-butylphthalate	11.87	149	635642	35.005	nq	99
74) Fluoranthene	12.56	202	3139647	191.208	nq	97
76) Benzidine	12.67	184	75482	8.622	nq	98
77) Pyrene	12.80	202	3221179	207.066	nq	97
79) Butylbenzylphthalate	13.38	149	290624	41.289	nq	97
80) Benzo(a)anthracene	13.99	228	2612385	190.866	nq	97
81) 3,3'-Dichlorobenzidine	13.94	252	151882	34.032	nq	98
82) Chrysene	14.03	228	2200290	170.261	nq	96
83) Bis(2-ethylhexyl)phthalate	13.93	149	382699	42.925	nq	99
84) Di-n-octyl phthalate	14.54	149	668709	42.057	nq #	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	1387531	120.572	nq #	90
87) Benzo(b)fluoranthene	15.05	252	3261687m	236.338	nq	
88) Benzo(k)fluoranthene	15.07	252	693566m	51.688	nq	
89) Benzo(a)pyrene	15.42	252	2045233	160.757	nq	96
90) Dibenzo(a,h)anthracene	16.96	278	546401	50.021	nq	96
91) Benzo(g,h,i)perylene	17.42	276	1237760	114.433	nq	93

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



#1

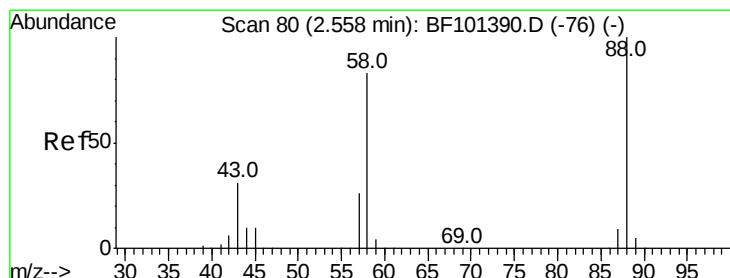
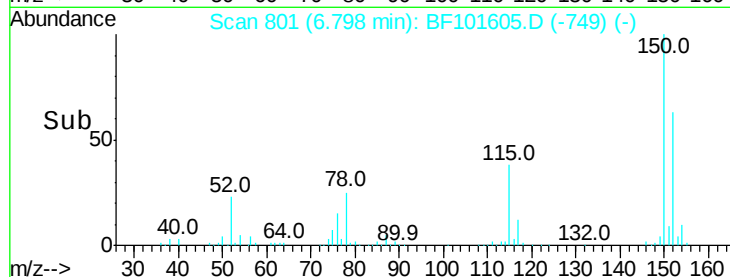
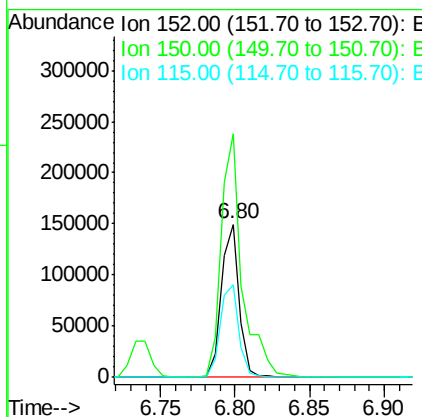
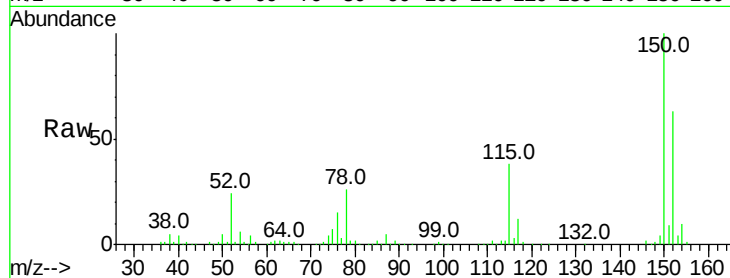
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	60.8	50.1	75.1

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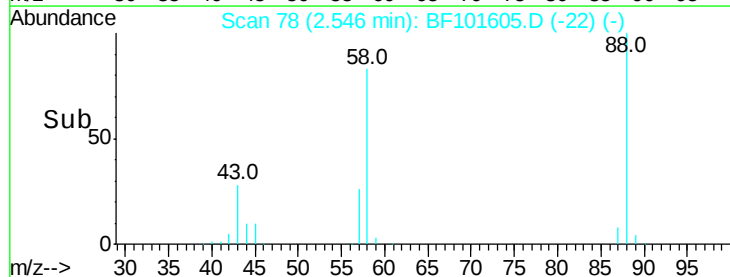
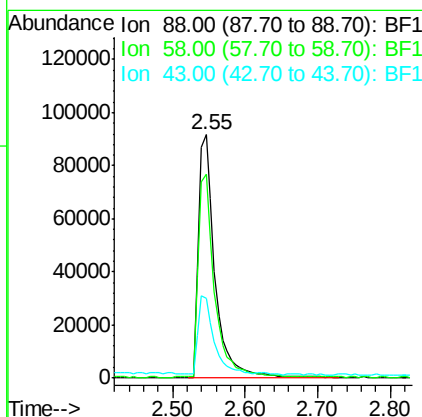
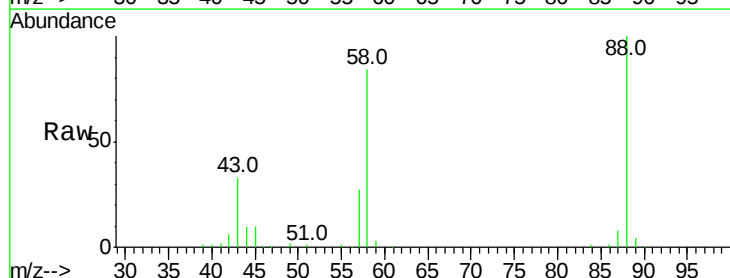
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#2

1,4-Dioxane
Concen: 33.611 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.03 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.3	62.6	93.8
43	29.6	24.6	37.0





#3

Pvridine

Concen: 30.562 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.04 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

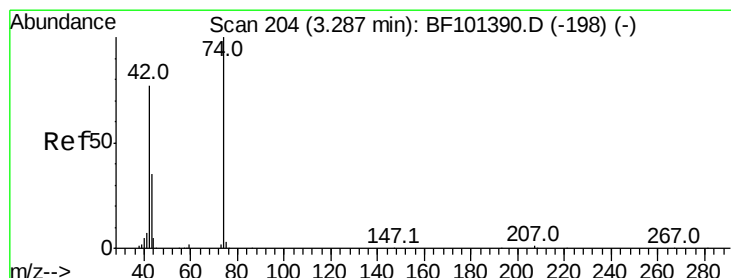
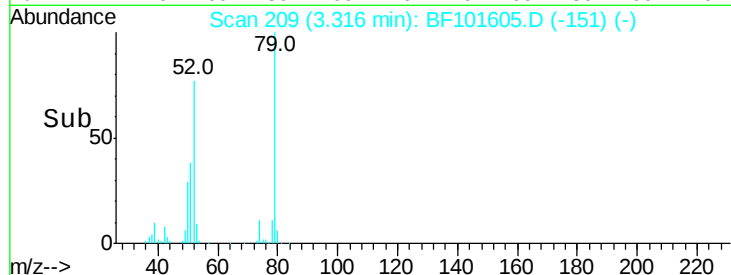
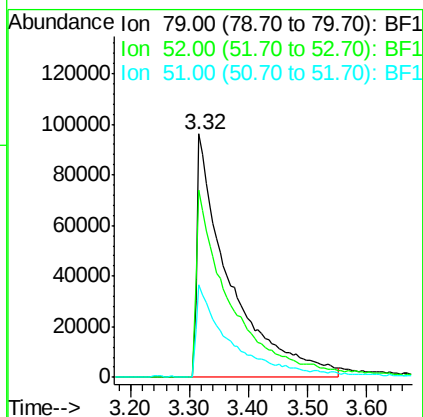
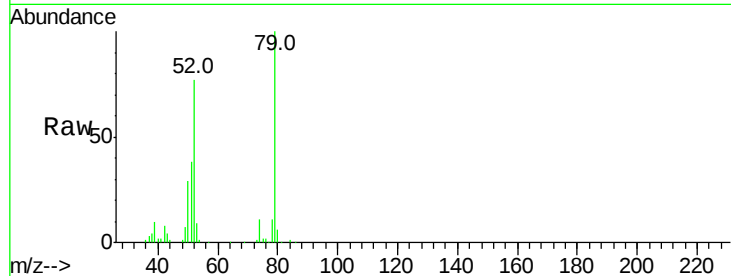
ClientSampleId :

PL-01-121917-AMSD

Tot Ion:	79	Resp:	370399
Ion Ratio	Lower	Upper	
79	100		
52	77.0	59.8	89.6
51	38.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 33.592 ng

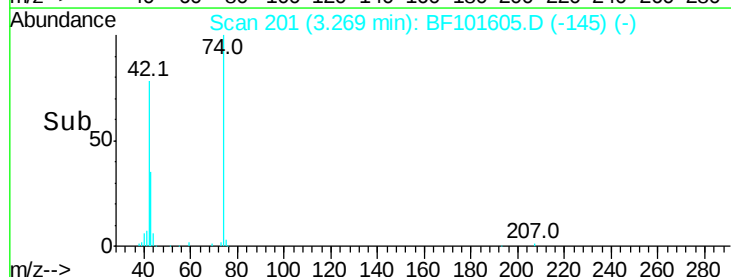
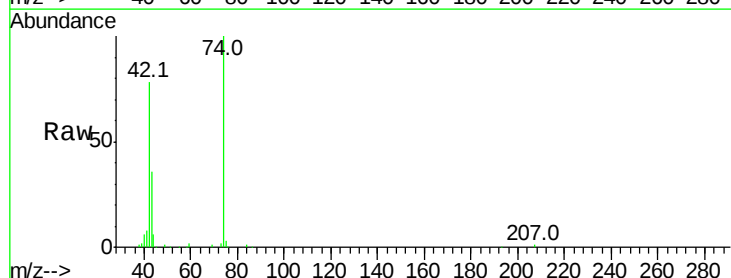
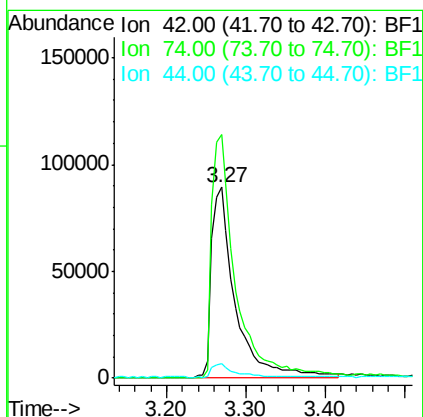
RT: 3.27 min Scan# 201

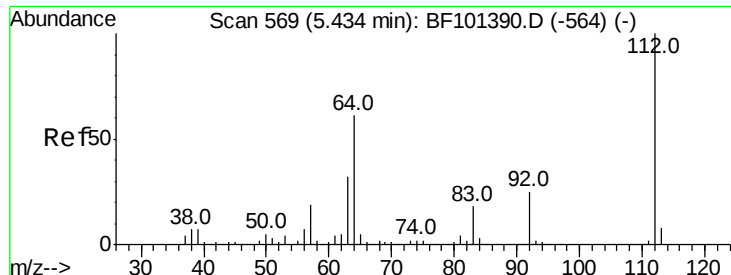
Delta R.T. 0.03 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	42	Resp:	187451
Ion Ratio	Lower	Upper	
42	100		
74	127.6	104.9	157.3
44	7.9	6.9	10.3





#5

2-Fluorophenol

Concen: 106.011 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

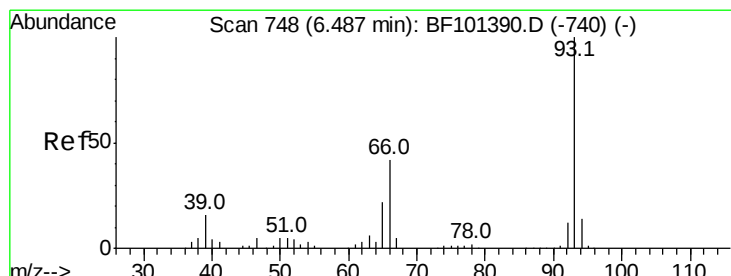
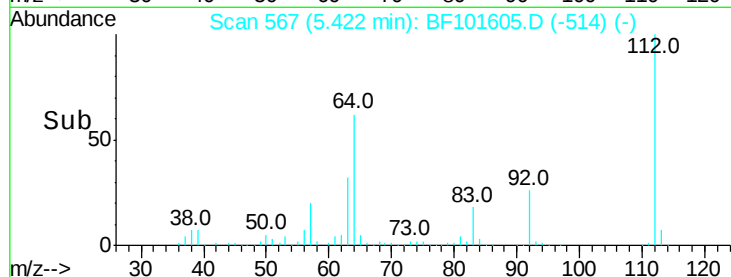
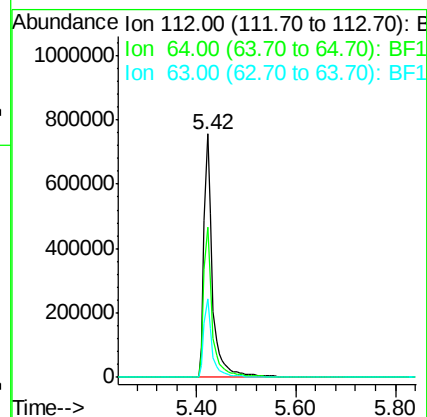
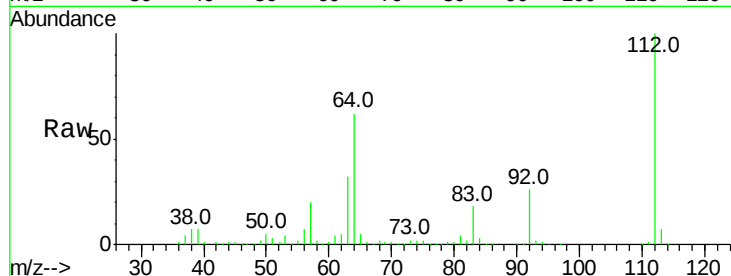
ClientSampleId :

PL-01-121917-AMSD

Tot Ion:	112	Resp:	899962
Ion Ratio	Lower	Upper	
112	100		
64	61.8	47.9	71.9
63	32.2	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 15.231 ng

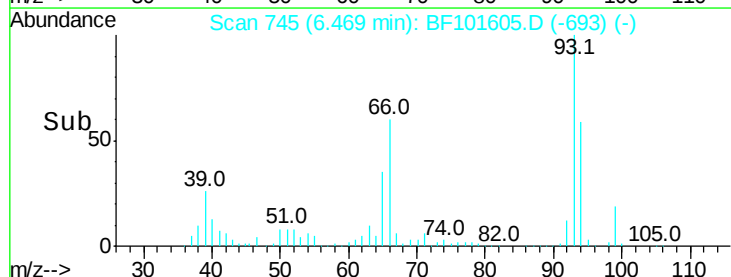
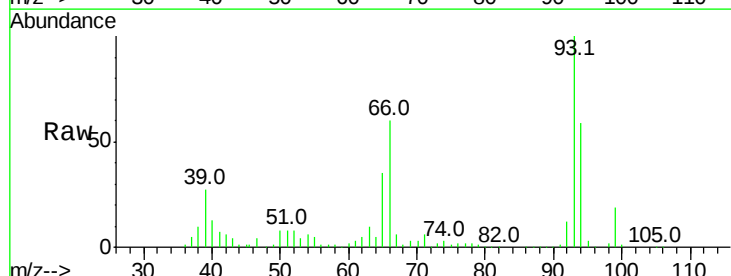
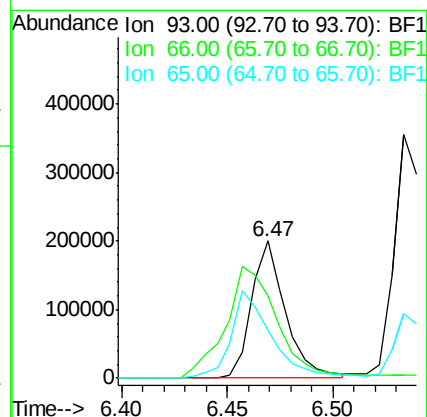
RT: 6.47 min Scan# 745

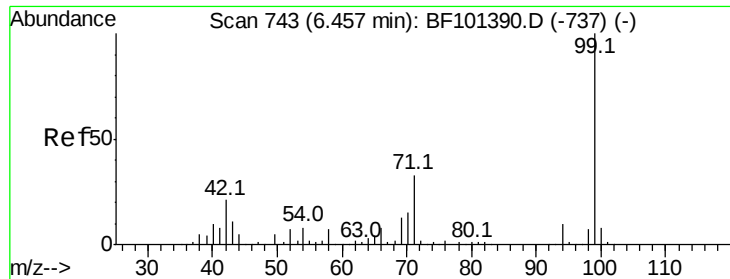
Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	93	Resp:	223625
Ion Ratio	Lower	Upper	
93	100		
66	59.8	32.2	48.2#
65	34.6	16.4	24.6#





#7

Phenol-d6

Concen: 93.439 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

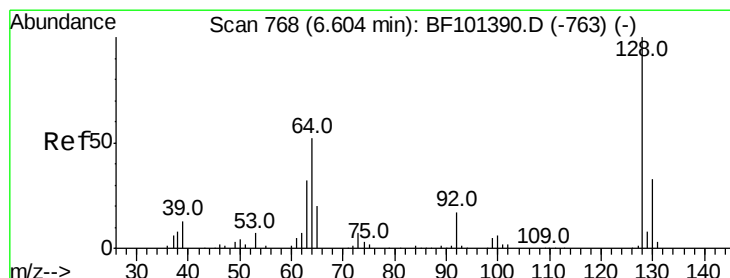
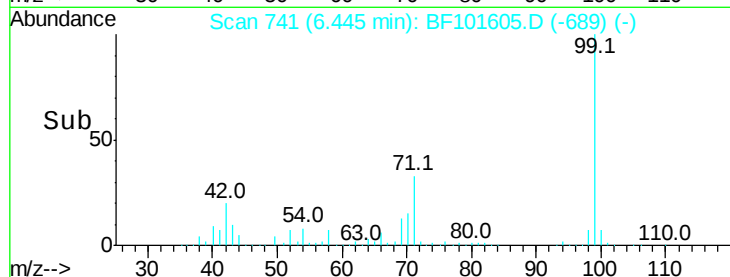
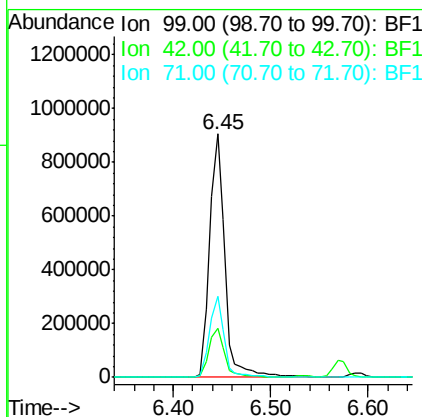
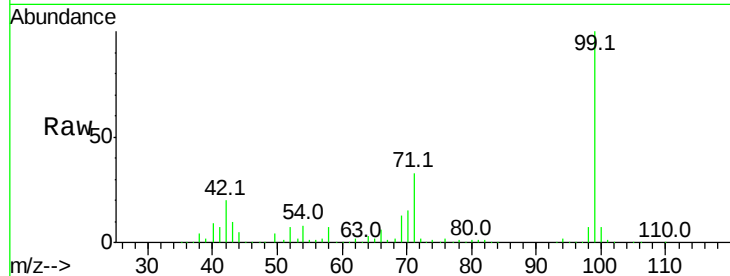
ClientSampleId :

PL-01-121917-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		987208		
42	20.3	14.5	21.7		
71	33.3	25.4	38.0		

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#8

2-Chlorophenol

Concen: 33.613 ng

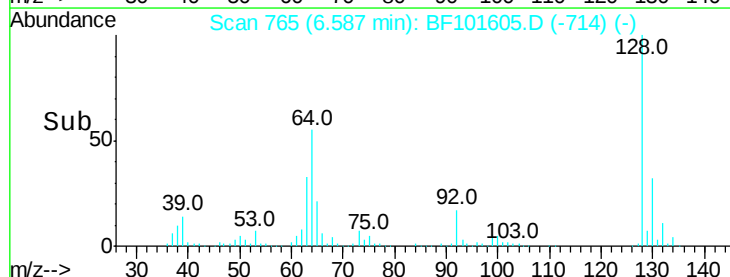
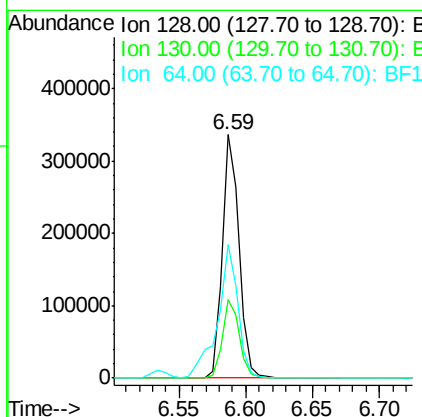
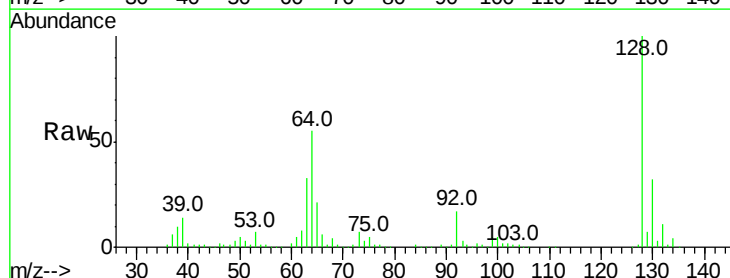
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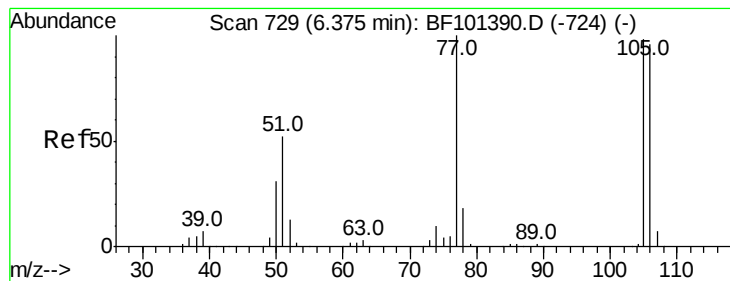
Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		300167		
130	32.1	13.0	53.0		
64	54.9	29.4	69.4		





#9

Benzaldehyde

Concen: 22.846 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

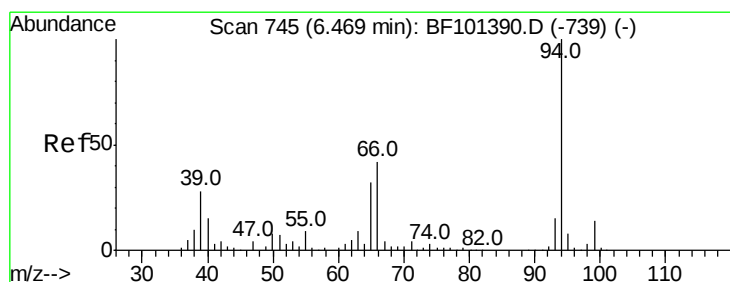
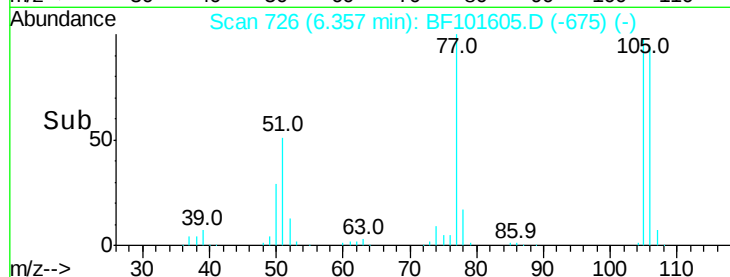
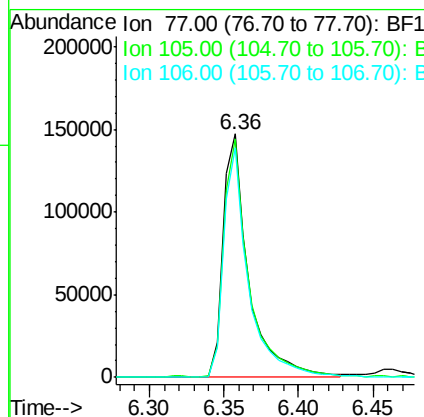
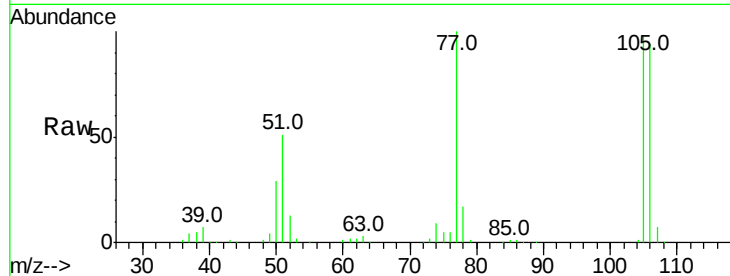
ClientSampleId :

PL-01-121917-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.8	81.1	121.1		
106	94.1	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 34.318 ng

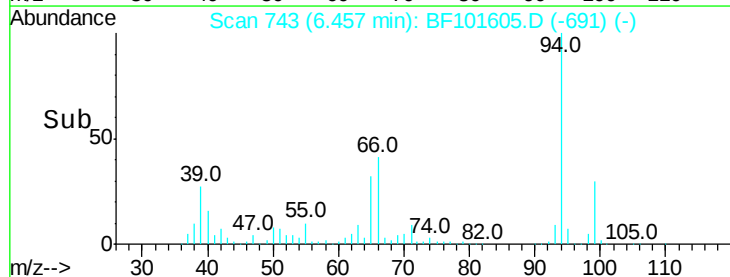
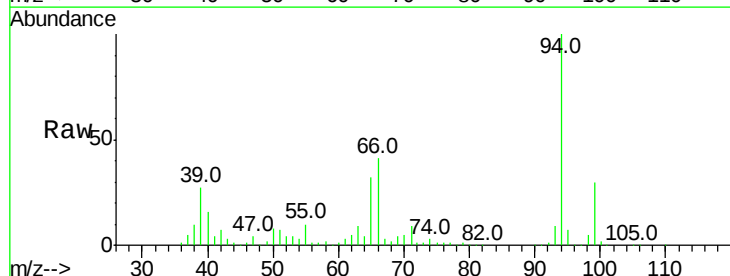
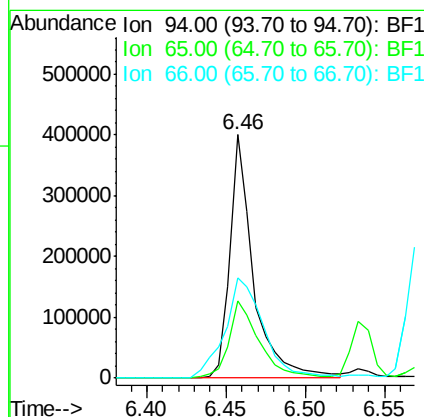
RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101605.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.8	7.9	47.9		
66	40.9	16.2	56.2		





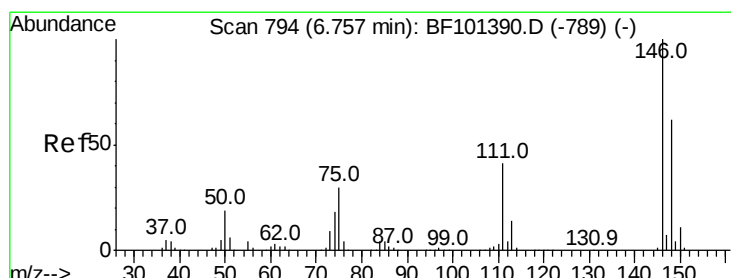
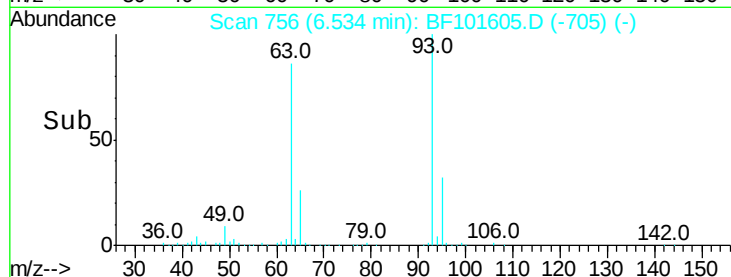
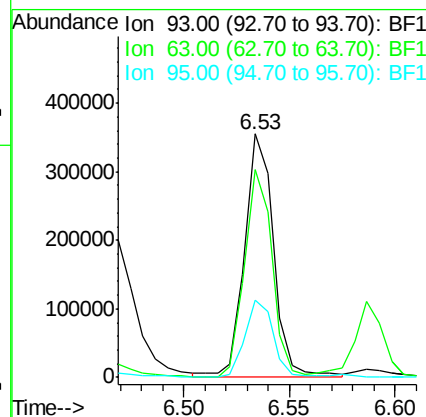
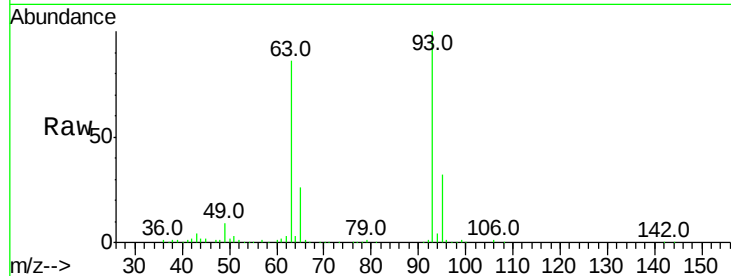
#11
bis(2-Chloroethyl)ether
Concen: 35.804 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.5	58.6	98.6
95	31.9	11.8	51.8

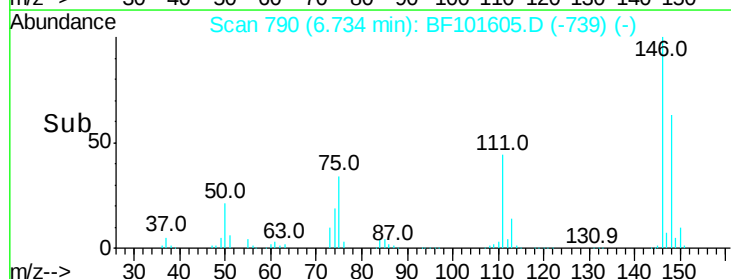
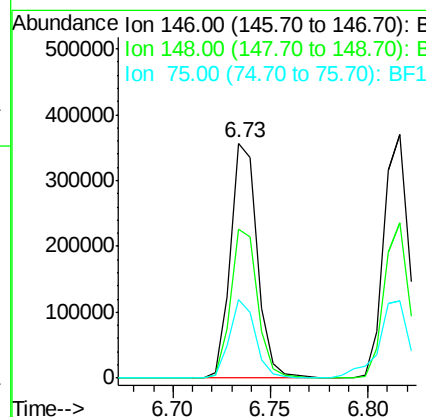
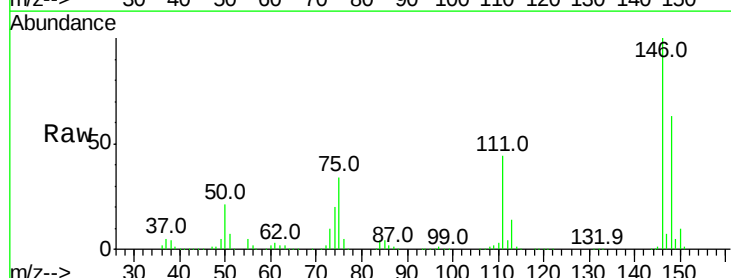
Manual Integrations
APPROVED

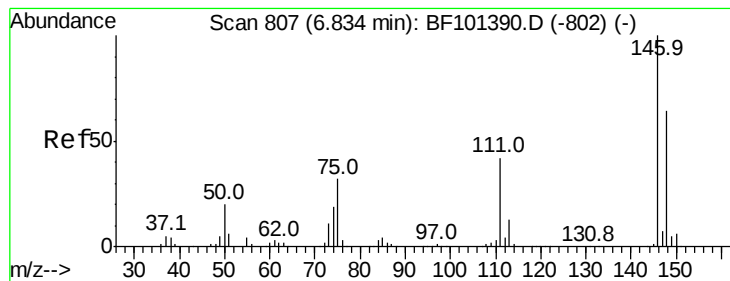
Sohil
12/22/2017 12:41:47 PM



#12
1,3-Dichlorobenzene
Concen: 33.873 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	33.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.615 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

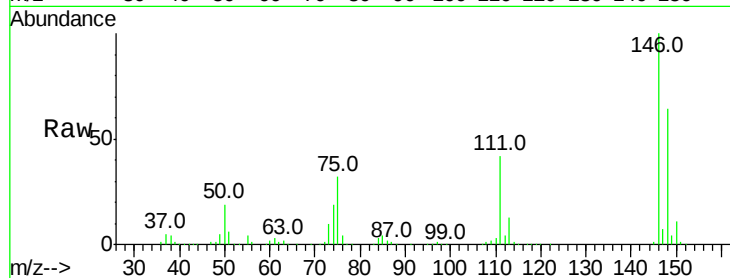
ClientSampleId :

PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	41.5	34.2	51.2

Manual Integrations
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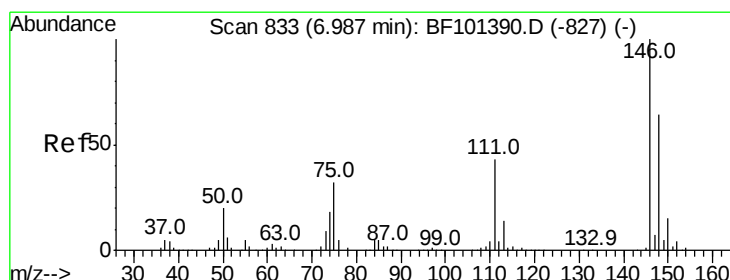
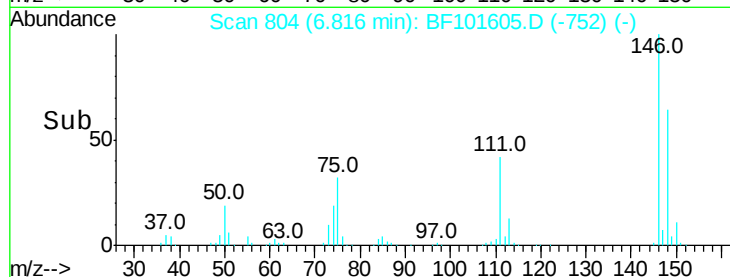
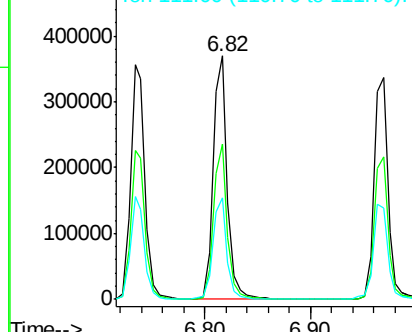


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.446 ng

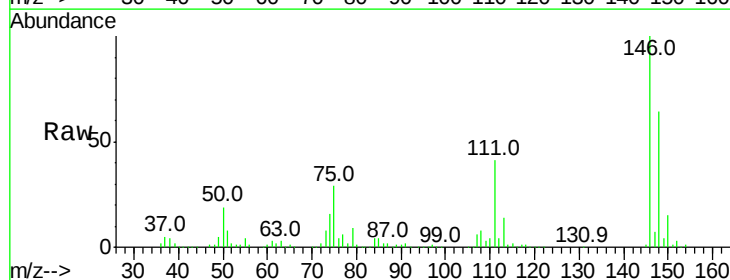
RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	41.3	36.0	54.0

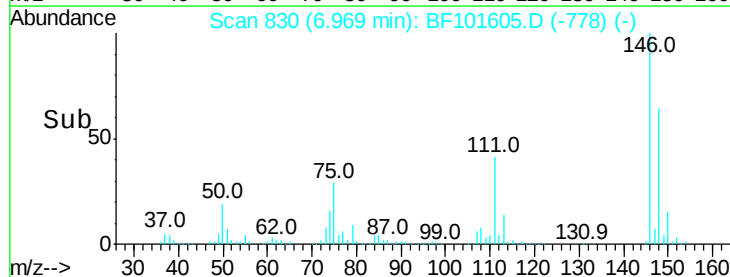
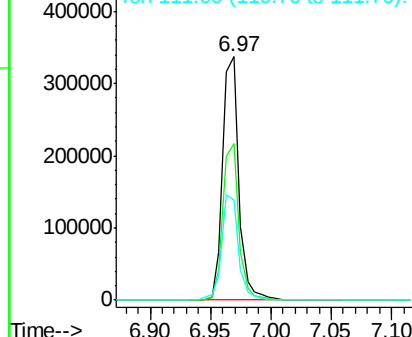


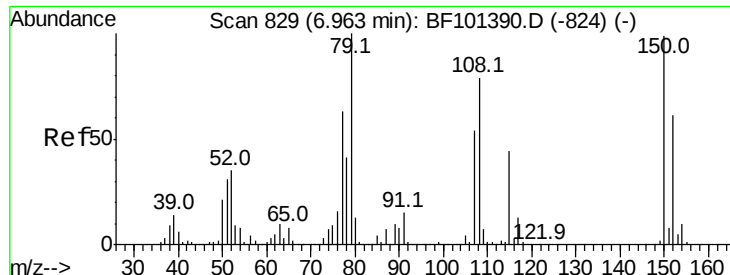
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





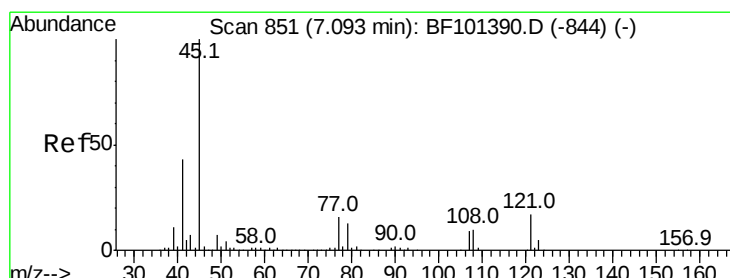
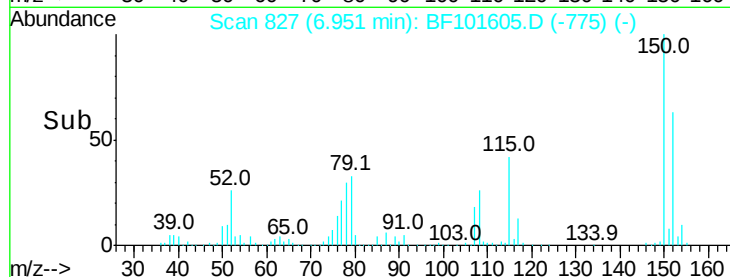
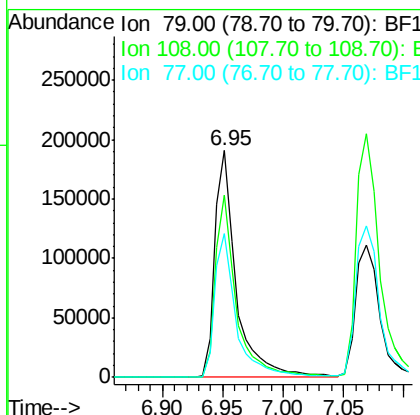
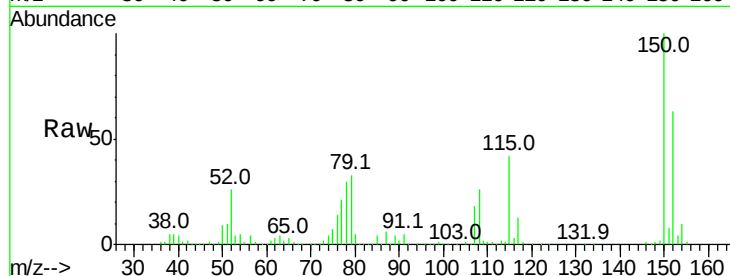
#15
Benzyl Alcohol
Concen: 32.061 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.1	97.7
77	63.3	50.6	75.8

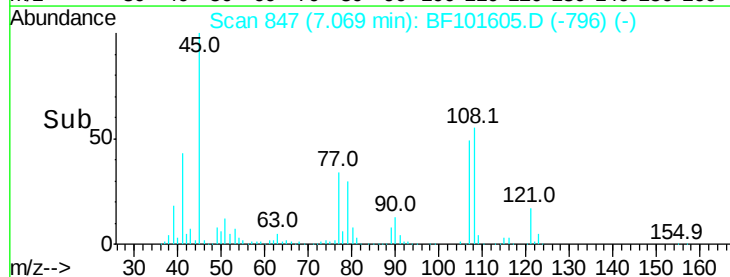
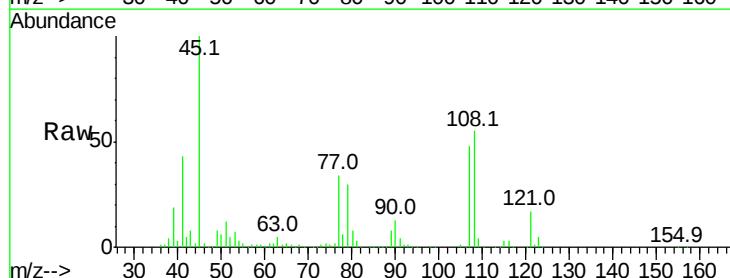
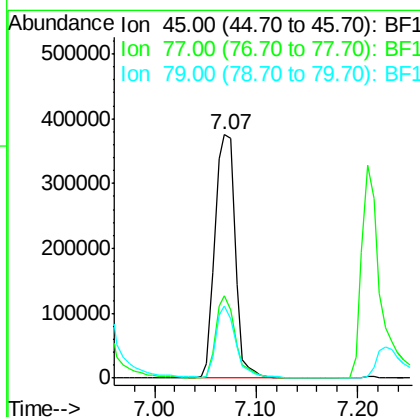
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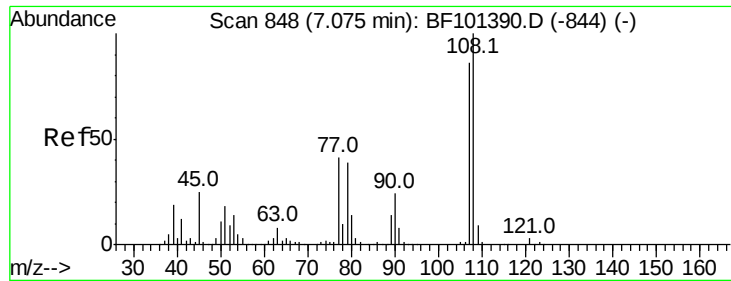
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.060 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.9	0.0	32.9#
79	29.7	0.0	29.6#





#17

2-Methylphenol

Concen: 29.051 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

Tot Ion:107 Resp: 238638
Ion Ratio Lower Upper

107 100

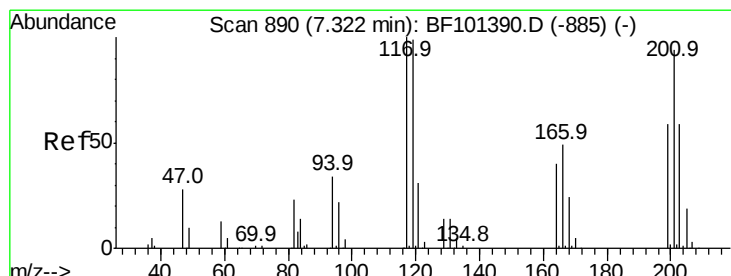
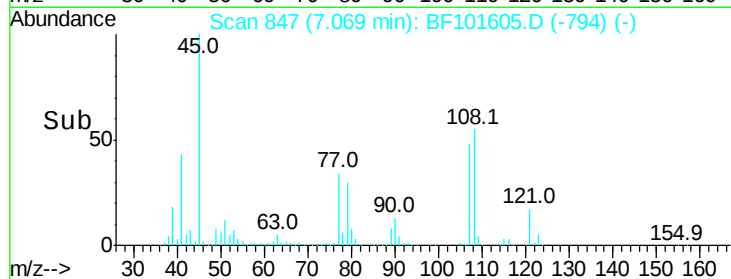
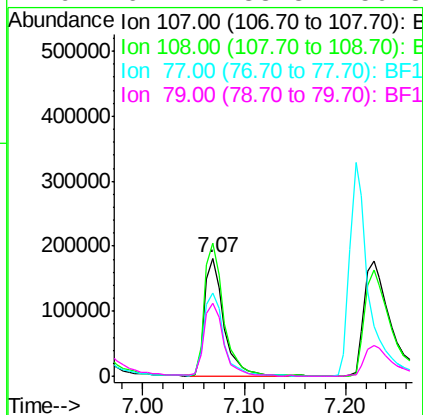
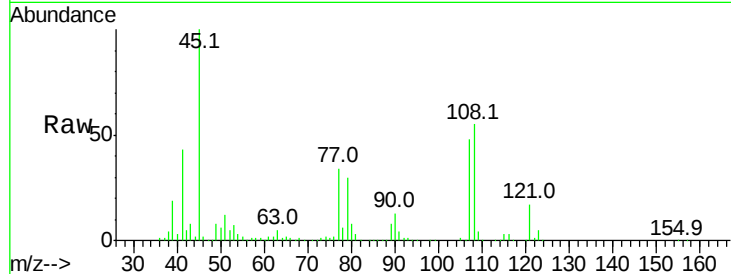
108 112.6 91.7 137.5

77 70.0 33.8 50.8#

79 61.4 33.8 50.8#

Manual Integrations
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#18

Hexachloroethane

Concen: 30.419 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF101605.D

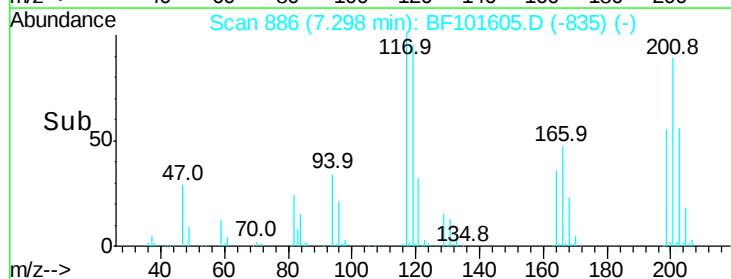
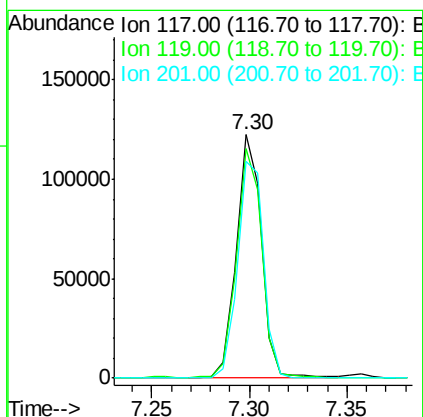
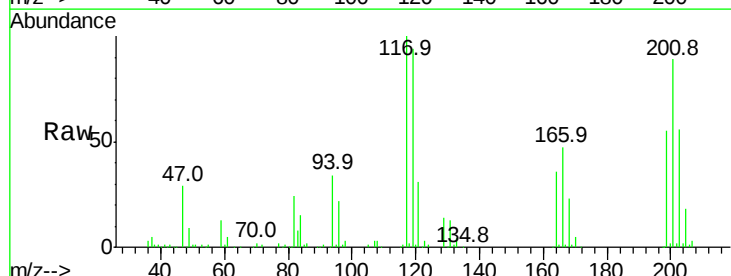
Acq: 21 Dec 2017 14:29

Tgt Ion:117 Resp: 108850
Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.8

201 88.8 75.7 113.5





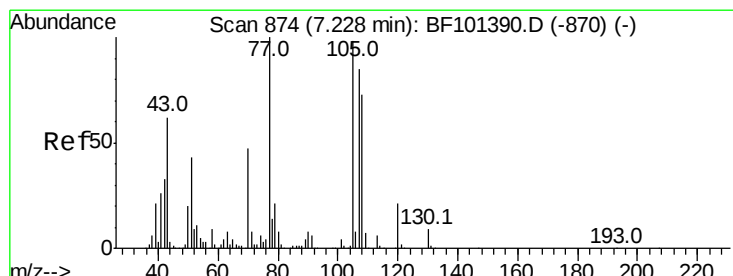
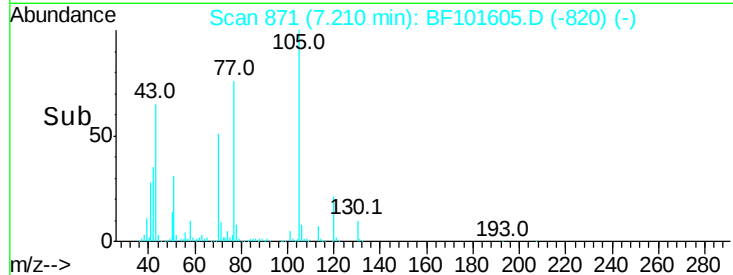
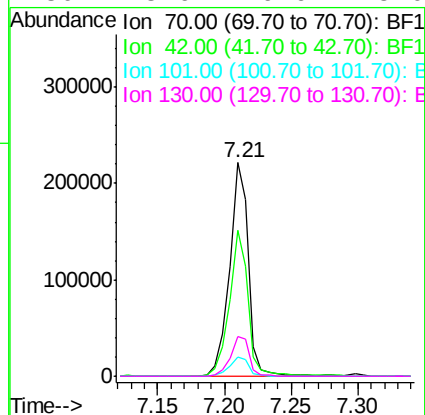
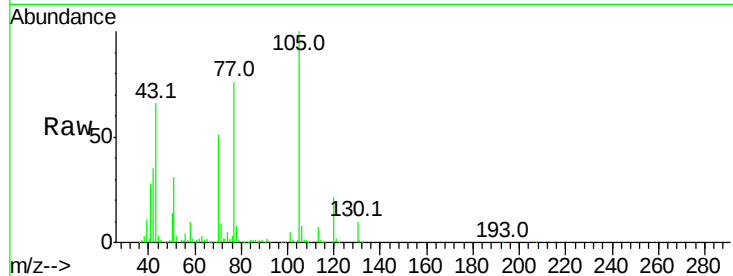
#19
n-Nitroso-di-n-propylamine
Concen: 31.836 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	70	Resp	220890
Ion Ratio	Lower	Upper	
70	100		
42	68.1	47.5	71.3
101	8.9	7.4	11.2
130	18.6	16.6	25.0

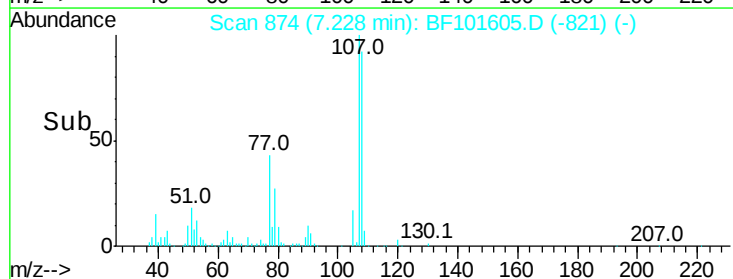
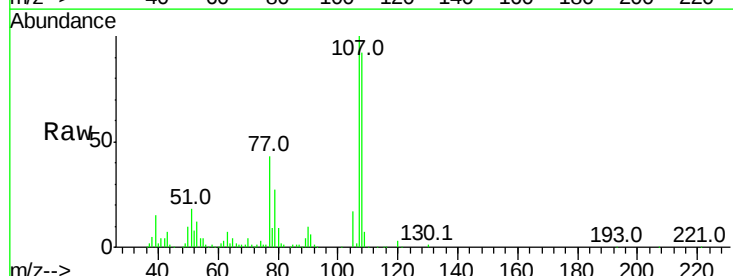
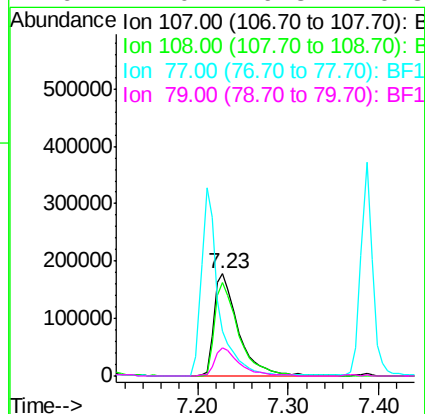
Manual Integrations
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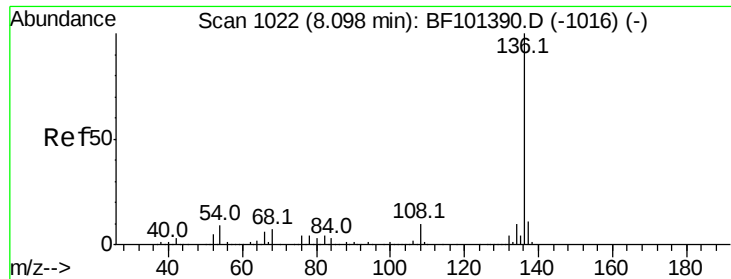
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#20
3+4-Methylphenols
Concen: 38.241 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	107	Resp	332879
Ion Ratio	Lower	Upper	
107	100		
108	91.6	68.2	108.2
77	43.3	26.7	66.7
79	27.0	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

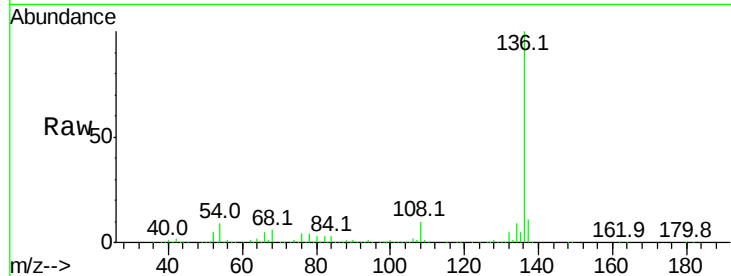
ClientSampleId :

PL-01-121917-AMSD

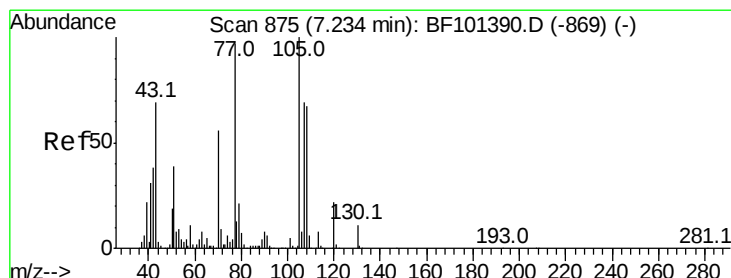
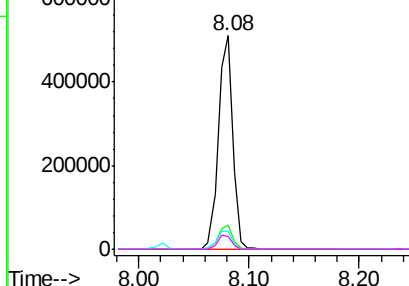
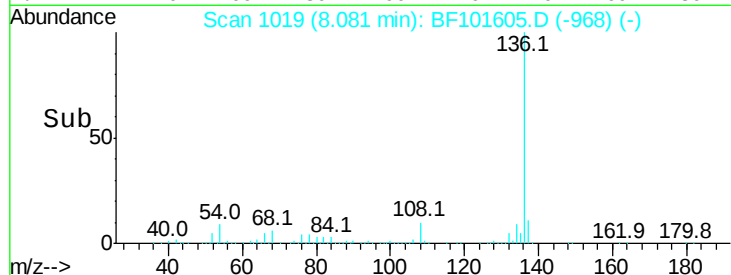
Tot Ion	Ratio	Resp	Lower	Upper
136	100	462778		
137	11.2	8.9	13.3	
54	8.7	6.6	9.8	
68	5.8	5.0	7.4	

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.167 ng

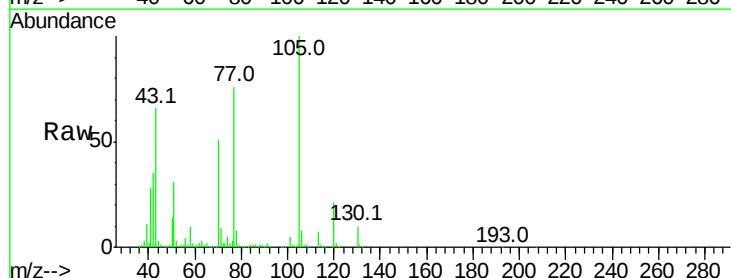
RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

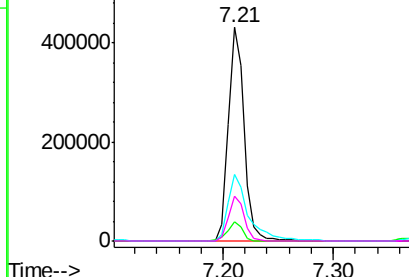
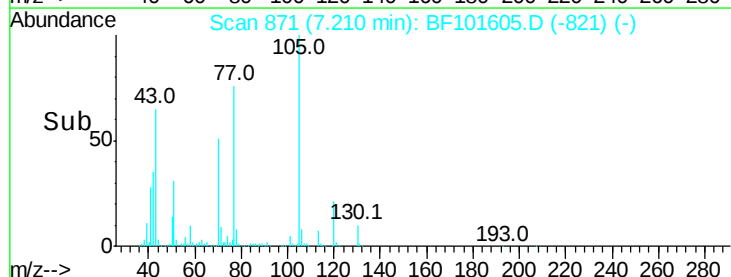
Lab File: BF101605.D

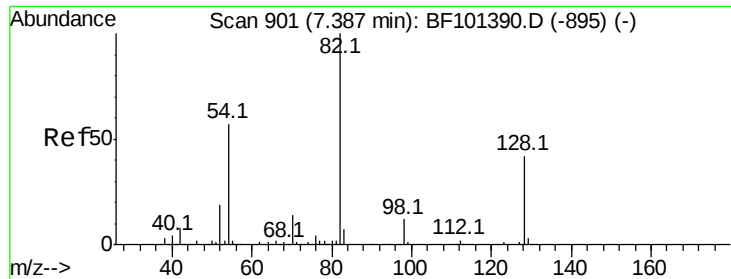
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	434705		
71	9.0	4.4	6.6#	
51	31.1	22.3	33.5	
120	20.9	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





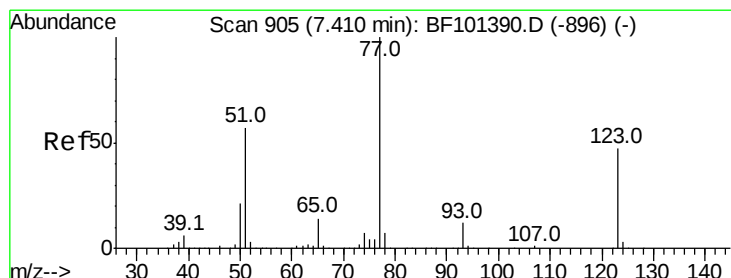
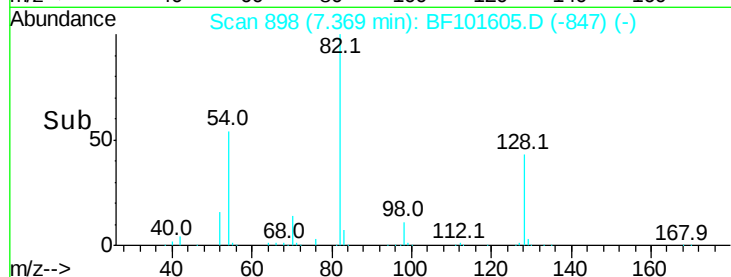
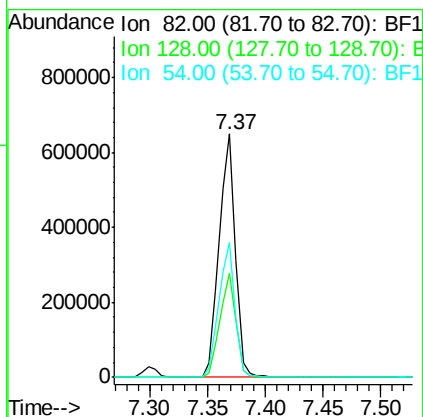
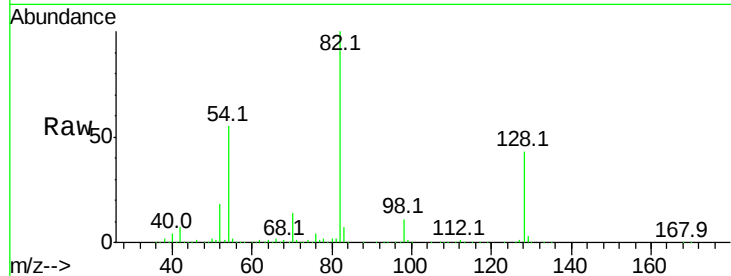
#23
Nitrobenzene-d5
Concen: 76.753 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	36.1	54.1	
54	55.3	41.4	62.2	

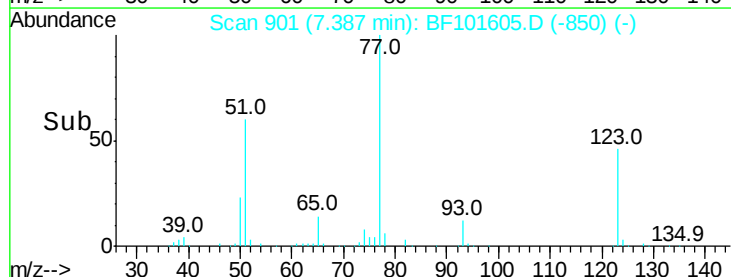
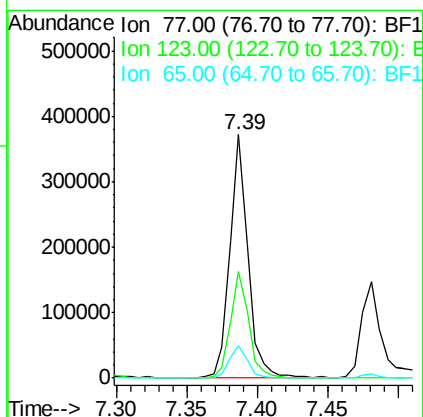
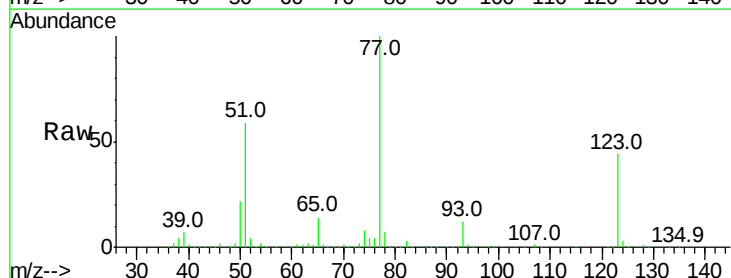
Manual Integrations
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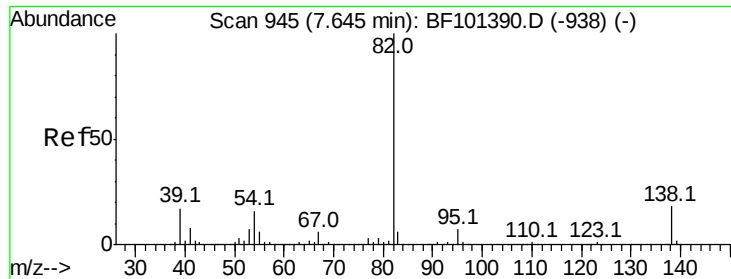
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#24
Nitrobenzene
Concen: 35.658 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.8	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 34.893 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

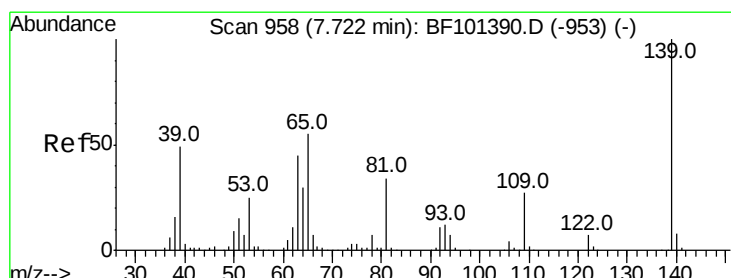
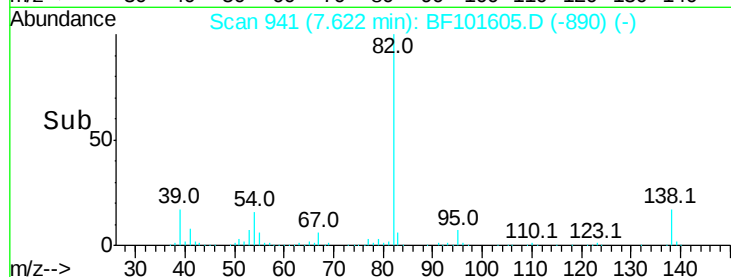
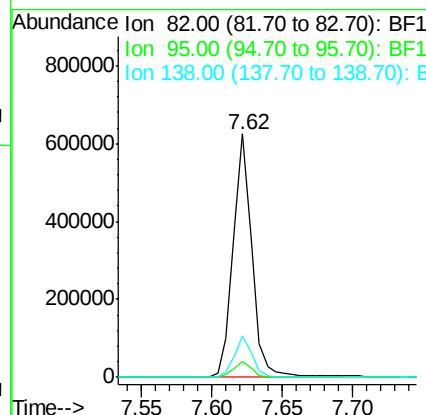
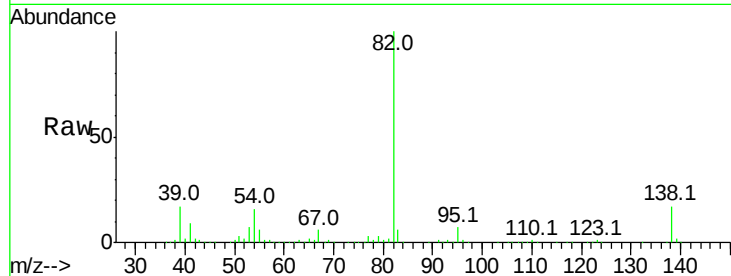
ClientSampleId :

PL-01-121917-AMSD

Tot Ion	82	Resp	581926
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	16.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.126 ng

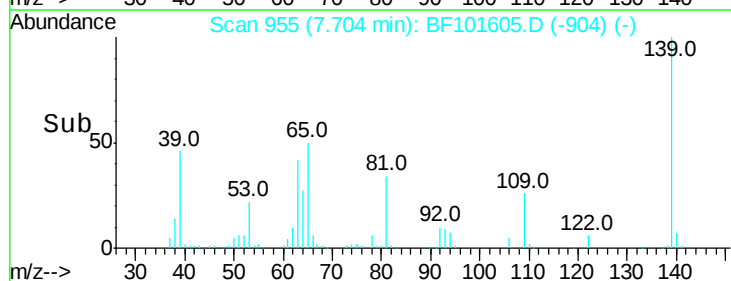
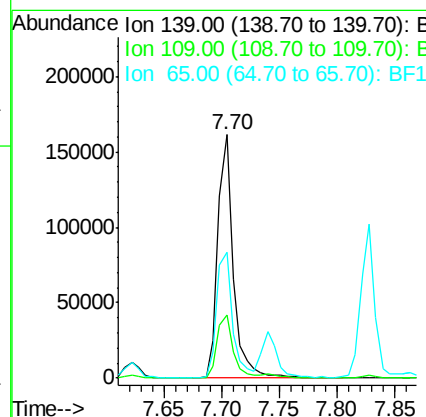
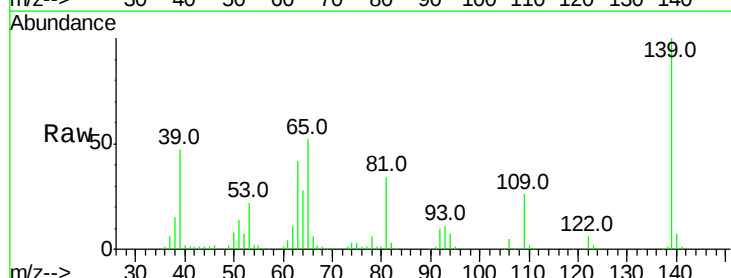
RT: 7.70 min Scan# 955

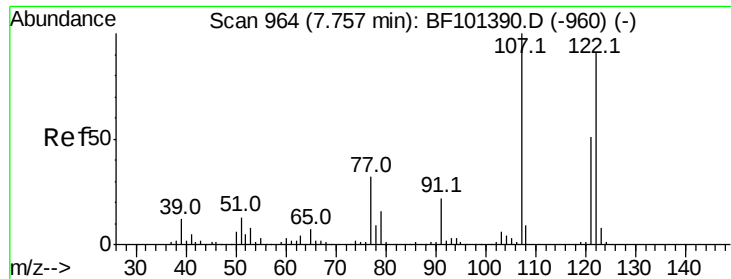
Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion	139	Resp	150710
Ion Ratio	Lower	Upper	
139	100		
109	26.1	22.7	34.1
65	51.8	40.5	60.7





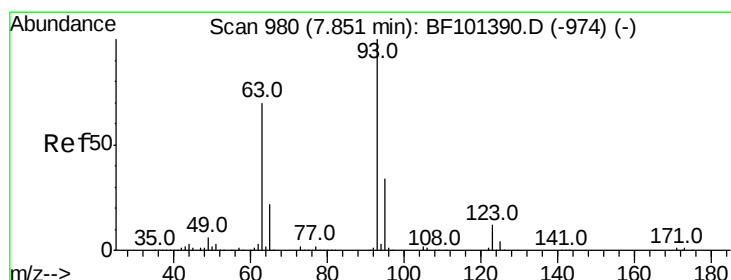
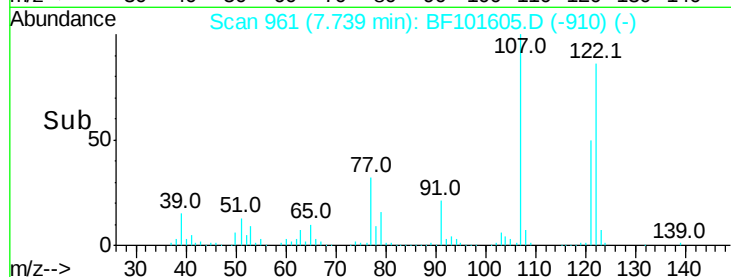
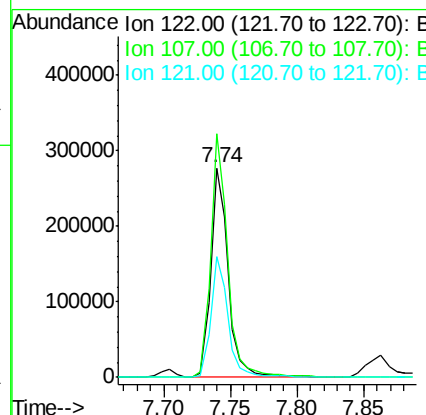
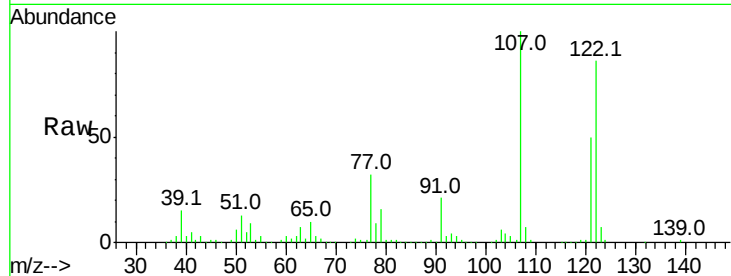
#27
2,4-Dimethylphenol
Concen: 37.510 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	91.2	136.8
121	57.5	47.2	70.8

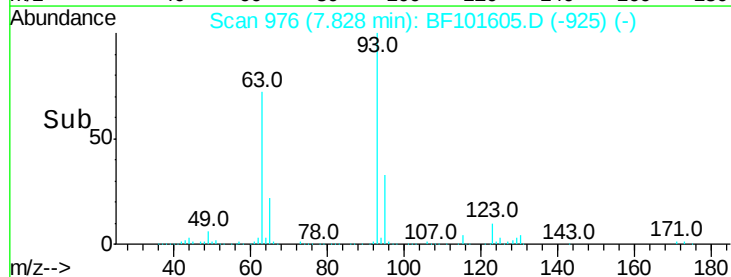
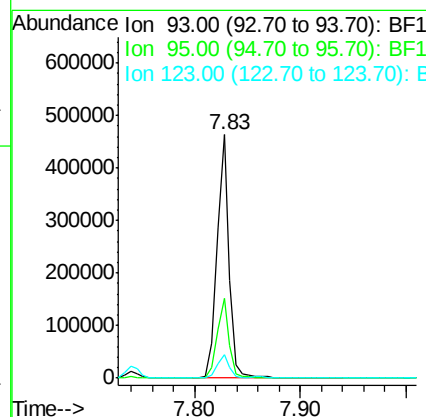
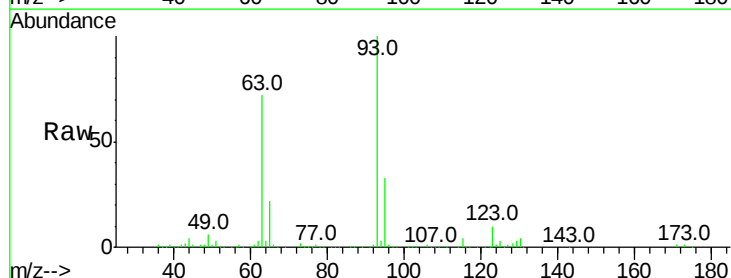
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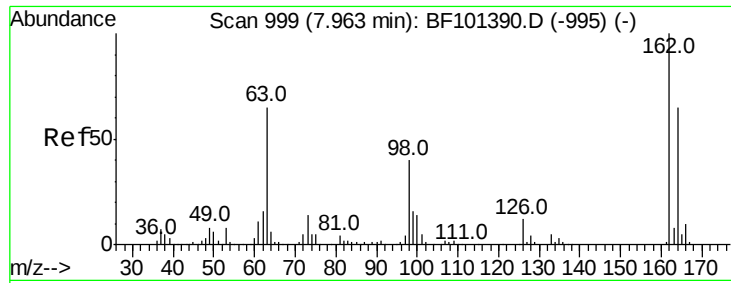
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#28
bis(2-Chloroethoxy)methane
Concen: 35.469 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	9.8	9.8	14.6





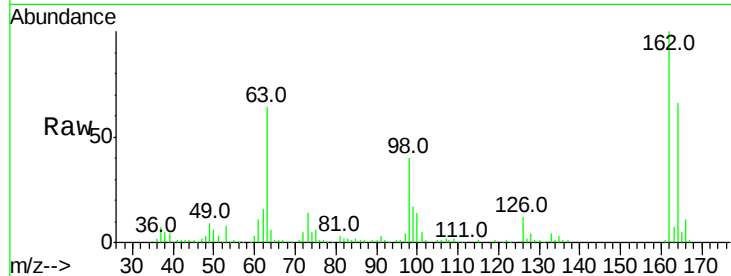
#29
2,4-Dichlorophenol
Concen: 33.666 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

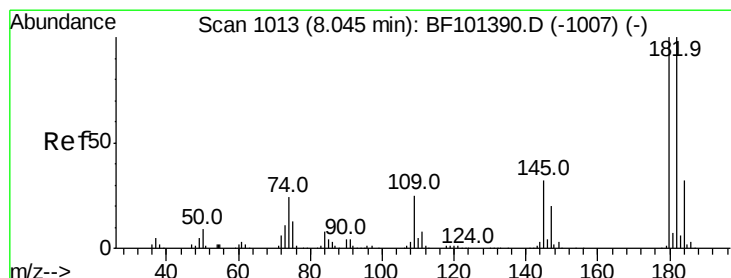
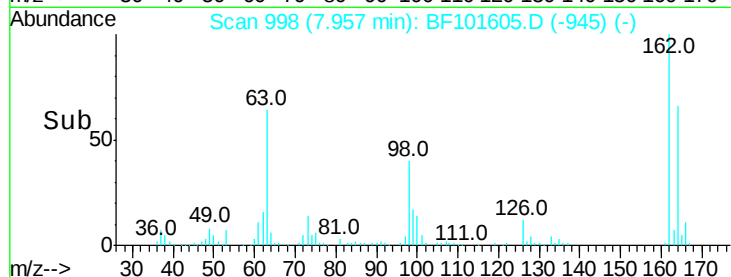
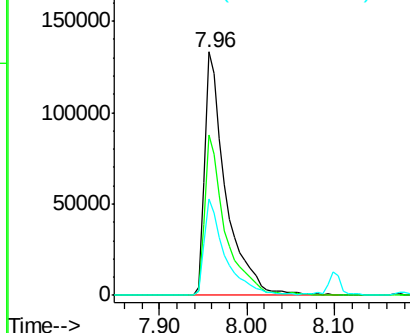
Tot Ion	Ratio	Resp	Lower	Upper
162	100	223360		
164	66.1	42.7	82.7	
98	39.6	18.1	58.1	

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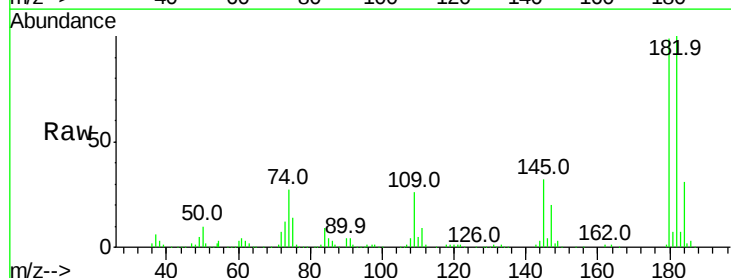


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

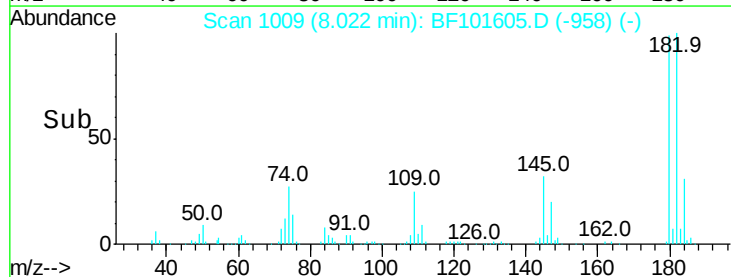
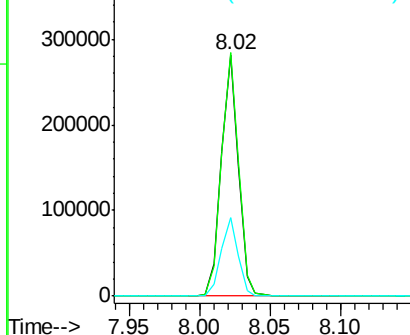


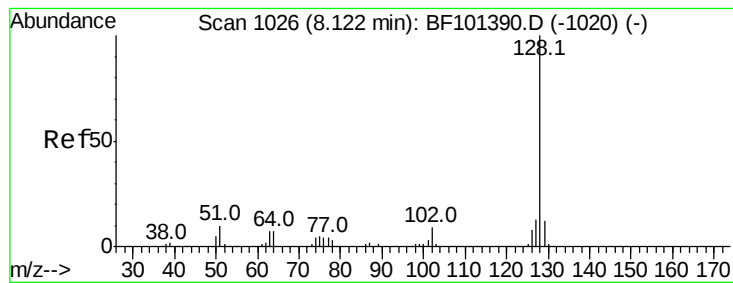
#30
1,2,4-Trichlorobenzene
Concen: 34.097 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	238727		
182	100.9	76.8	115.2	
145	32.8	26.5	39.7	



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: 34.671 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

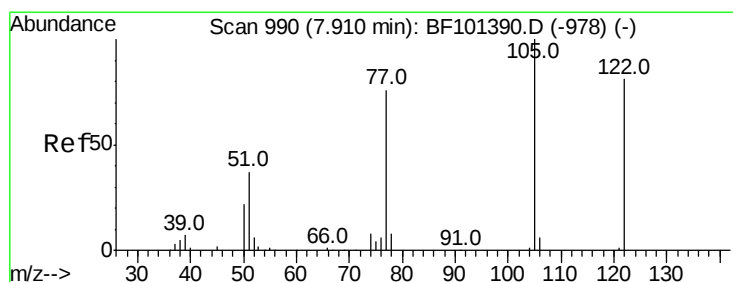
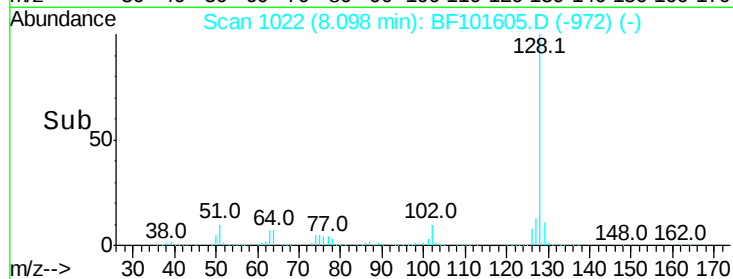
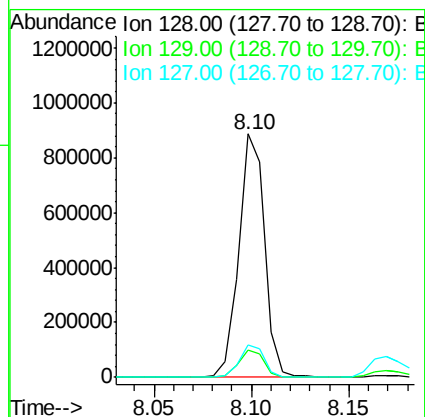
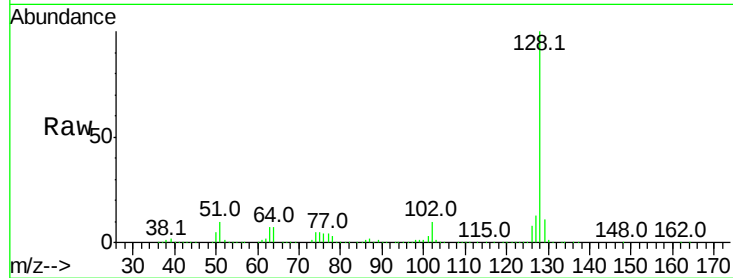
ClientSampleId :

PL-01-121917-AMSD

Tot Ion:	128	Resp:	807753
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	13.4	10.9	16.3

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#32

Benzoic acid

Concen: 16.560 ng

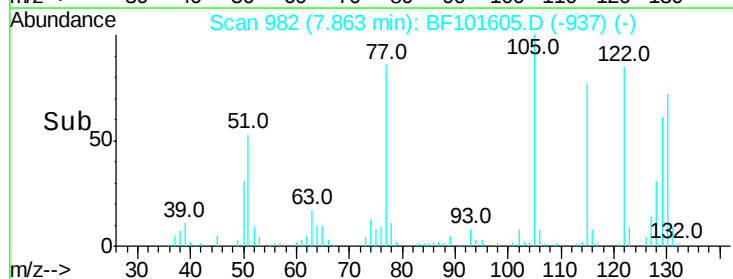
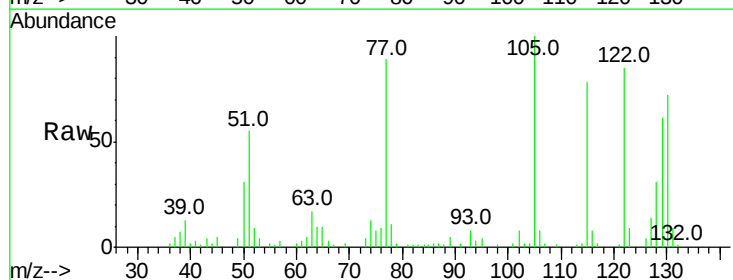
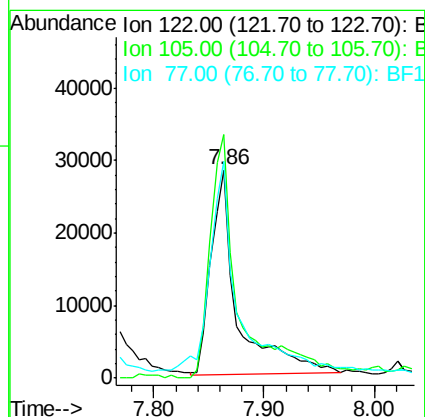
RT: 7.86 min Scan# 982

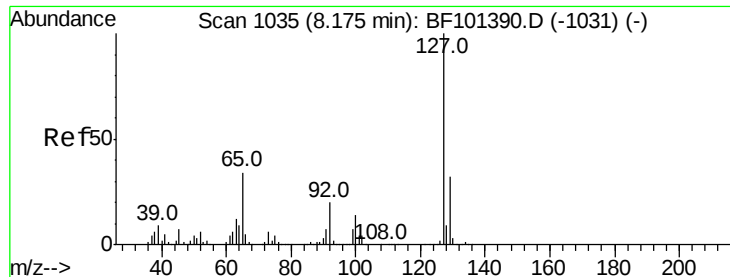
Delta R.T. -0.04 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	122	Resp:	46646
Ion Ratio	Lower	Upper	
122	100		
105	117.2	101.1	141.1
77	104.2	70.7	110.7





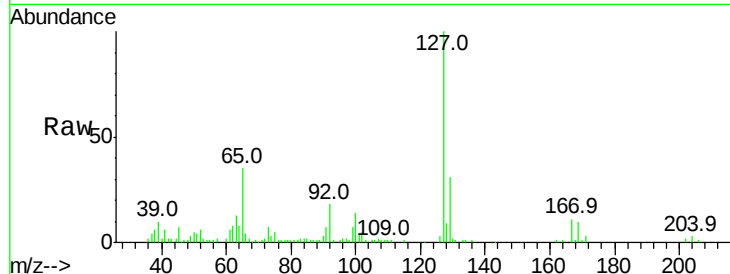
#33
4-Chloroaniline
Concen: 11.550 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

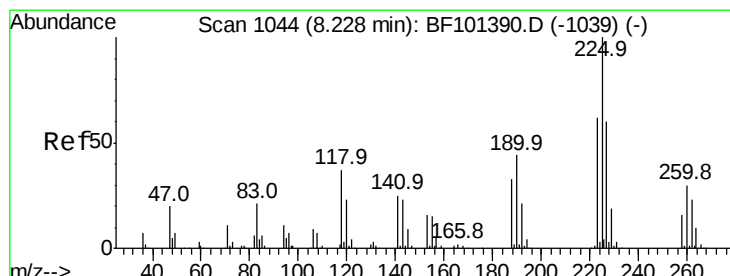
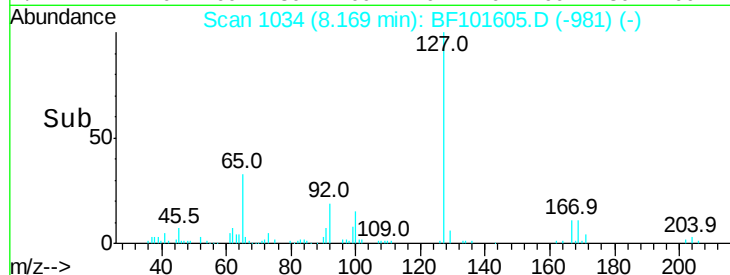
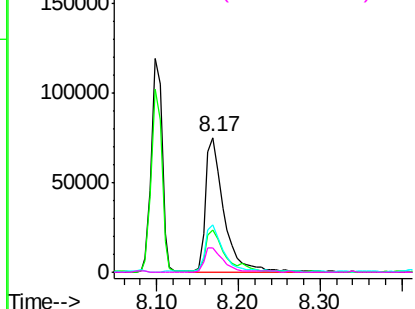
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	25.9	38.9		
65	35.1	25.0	37.4		
92	18.2	15.2	22.8		

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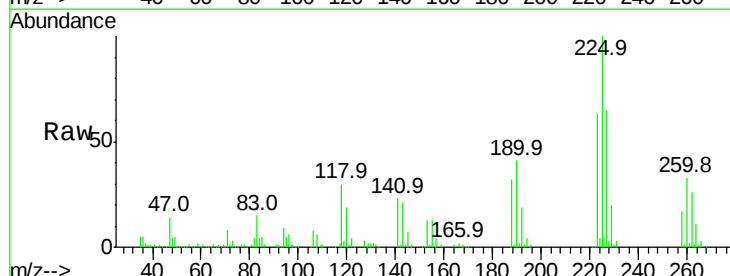


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

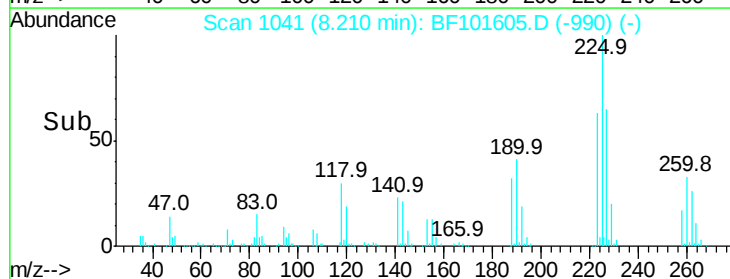
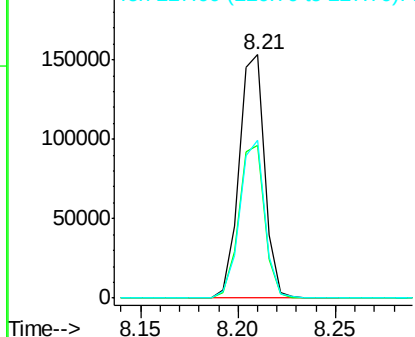


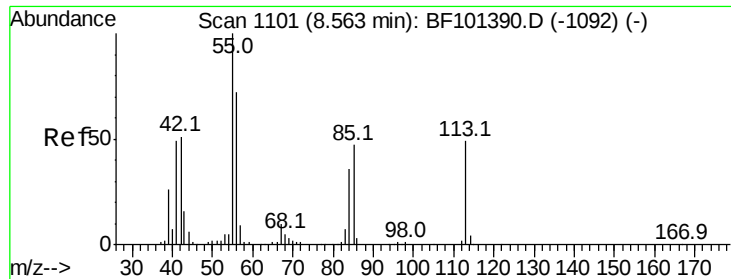
#34
Hexachlorobutadiene
Concen: 34.457 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.6	76.0		
227	64.6	51.9	77.9		



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: 28.893 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

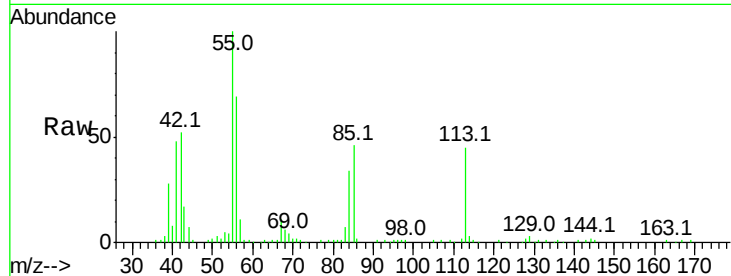
ClientSampleId :

PL-01-121917-AMSD

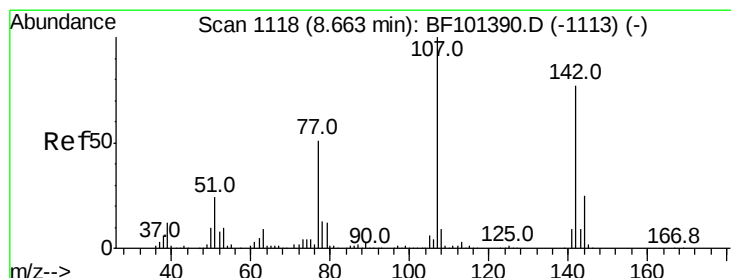
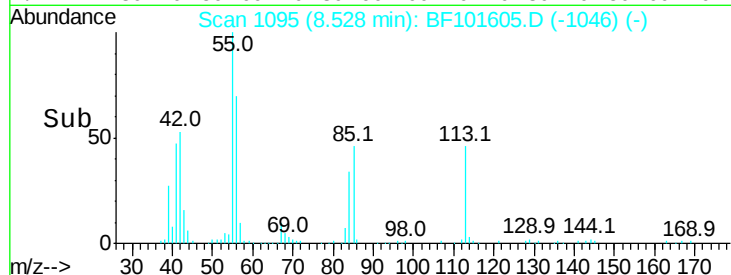
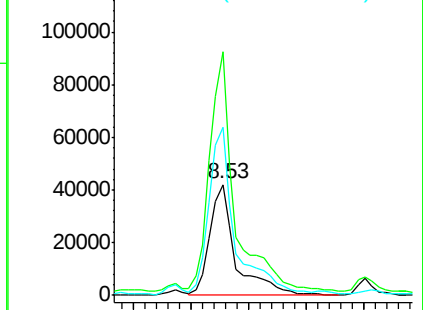
Tot Ion:113 Resp: 66561
 Ion Ratio Lower Upper
 113 100
 55 219.9 163.3 203.3#
 56 152.1 115.7 155.7

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



#36

4-Chloro-3-methylphenol

Concen: 30.228 ng

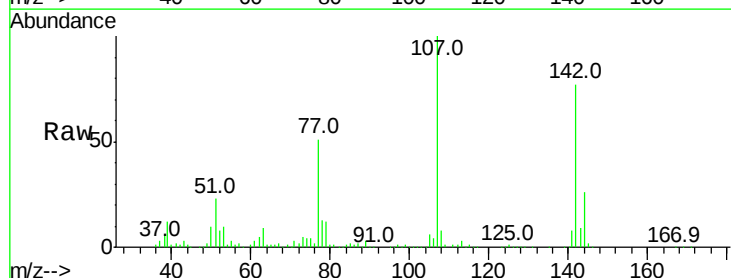
RT: 8.65 min Scan# 1116

Delta R.T. 0.01 min

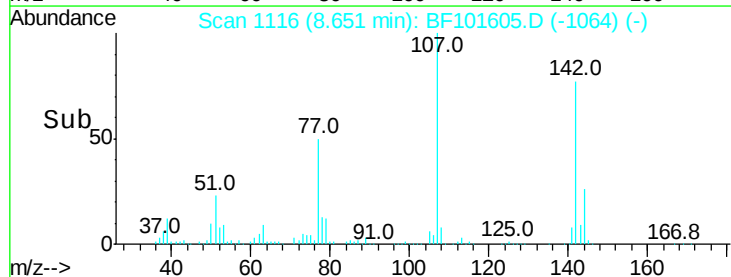
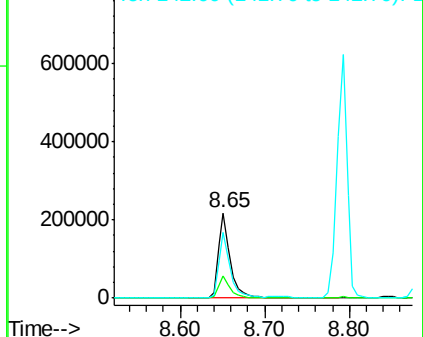
Lab File: BF101605.D

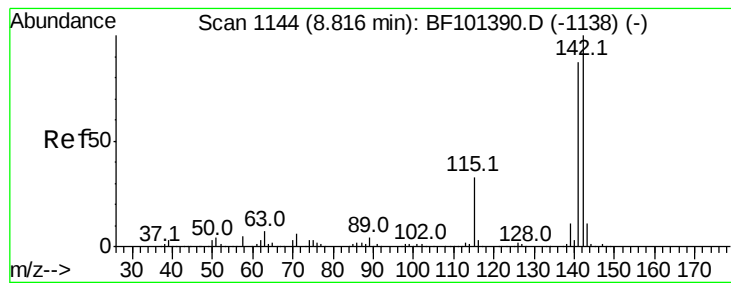
Acq: 21 Dec 2017 14:29

Tgt Ion:107 Resp: 220429
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 77.3 62.0 93.0



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





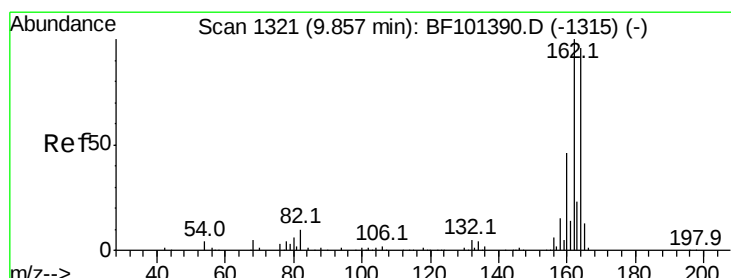
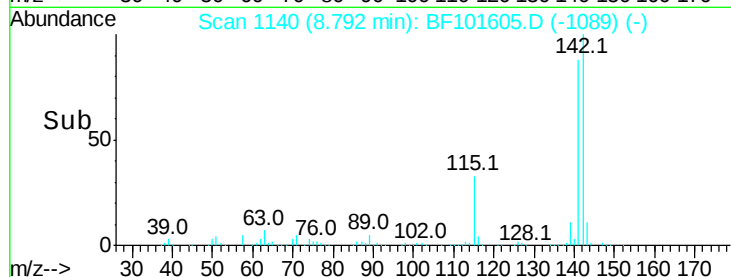
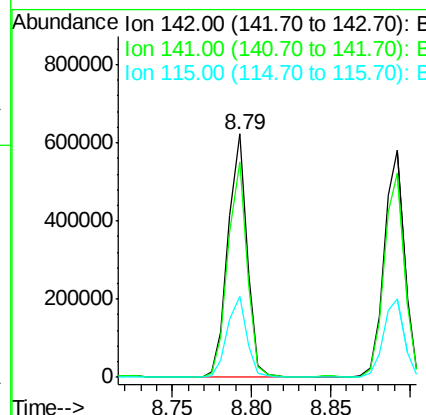
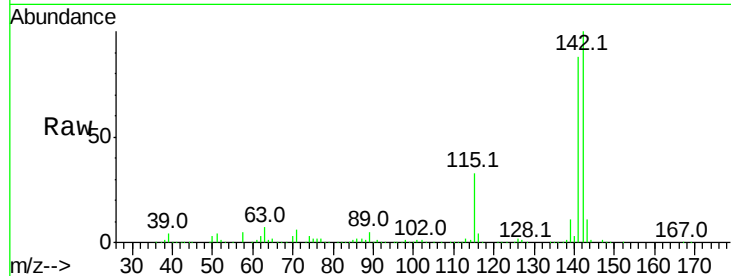
#37
 2-Methylnaphthalene
 Concen: 34.322 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	520975		
141	88.4		70.8	106.2
115	33.3		26.1	39.1

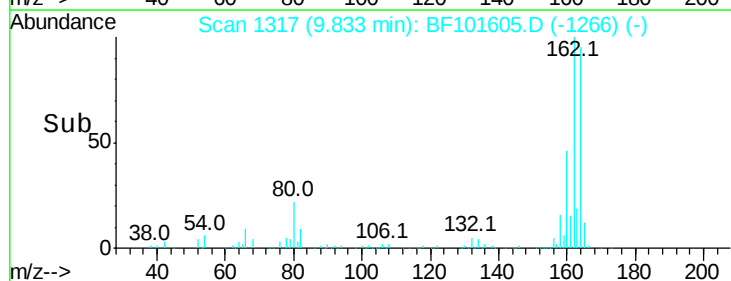
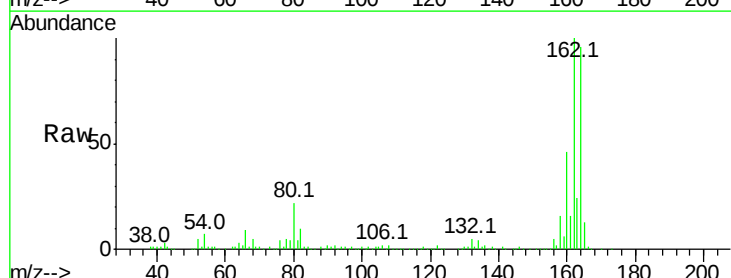
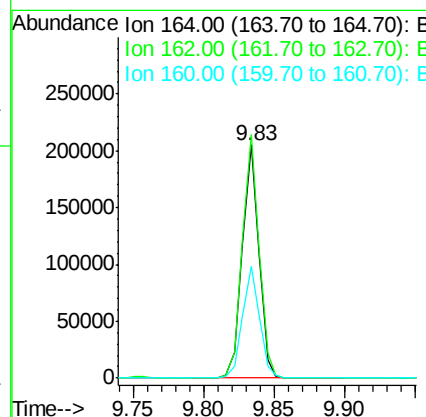
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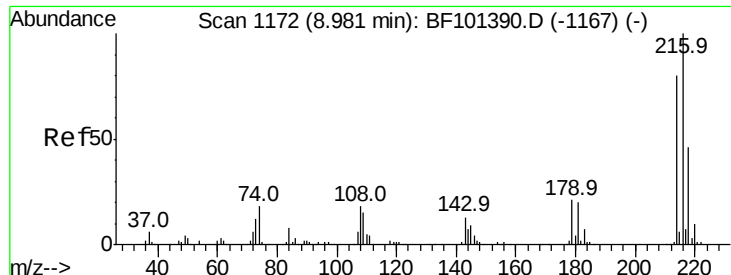
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	169284		
162	104.6		86.1	129.1
160	48.1		38.3	57.5





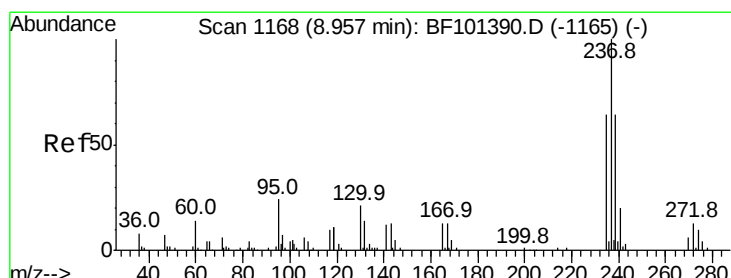
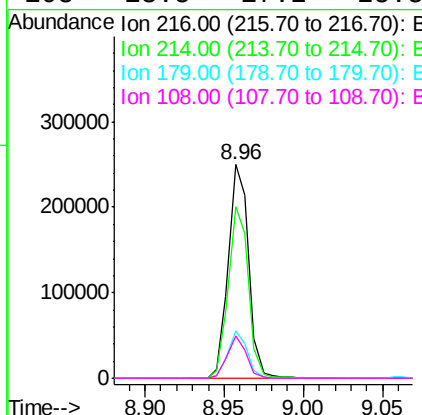
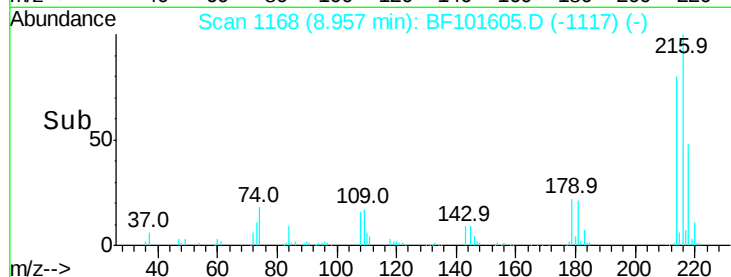
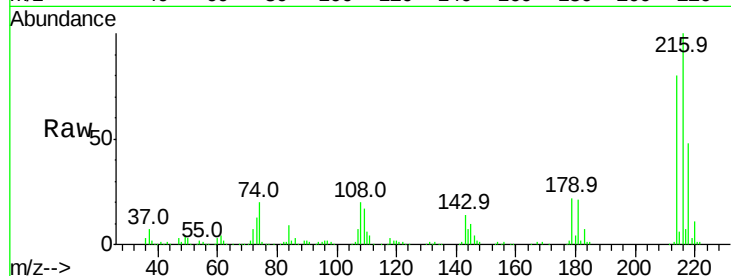
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.942 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	222570		
214	79.5	63.0	94.4	
179	20.9	18.1	27.1	
108	18.5	17.2	25.8	

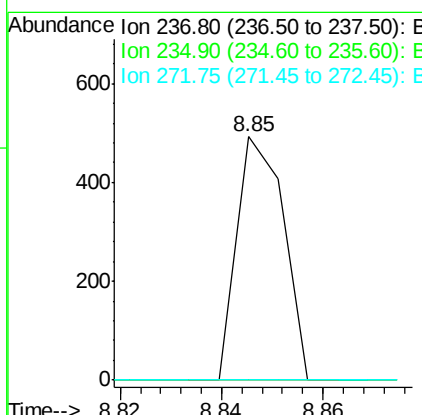
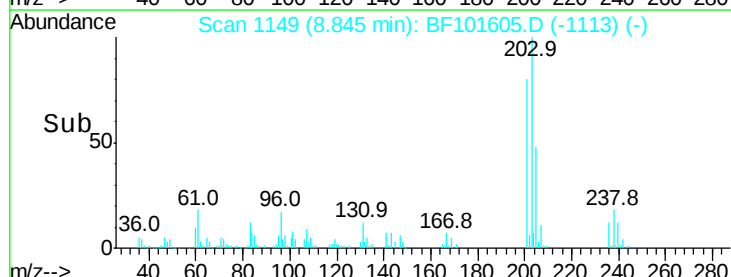
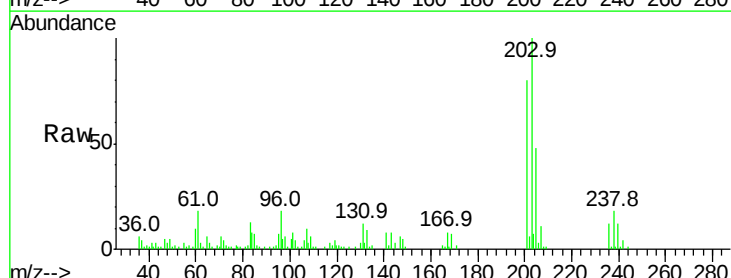
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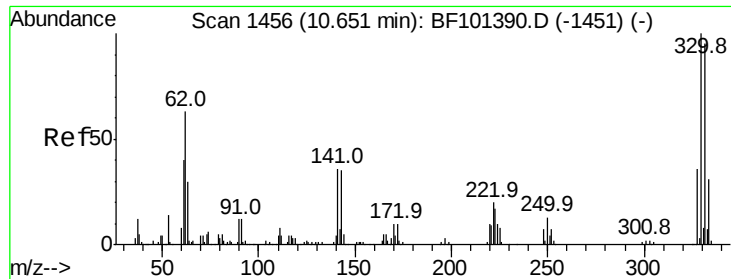
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#40
 Hexachlorocyclopentadiene
 Concen: 11.685 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.09 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	318		
235	0.0	44.8	84.8#	
272	0.0	0.0	33.3	





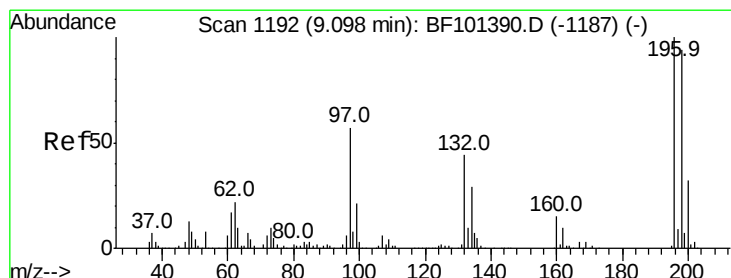
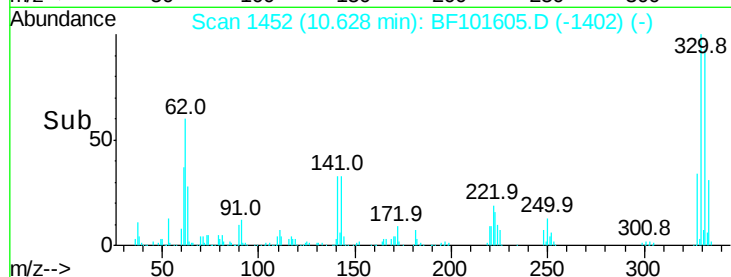
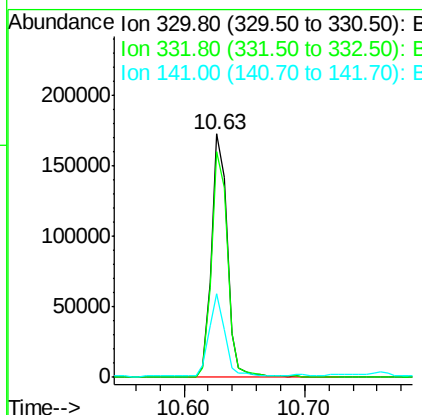
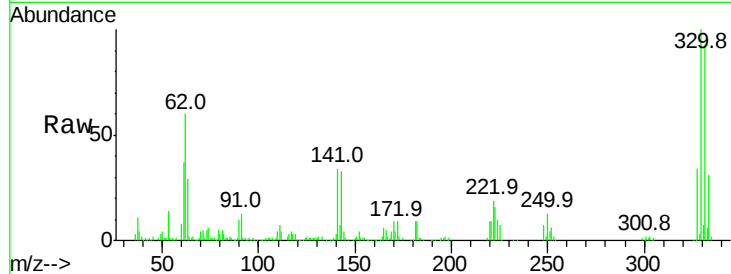
#41
 2,4,6-Tribromophenol
 Concen: 96.144 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.6	77.0	115.6	
141	33.5	29.9	44.9	

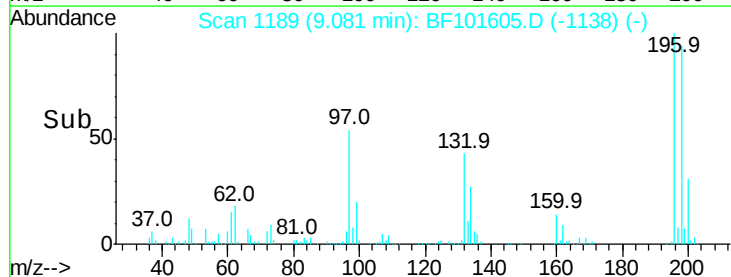
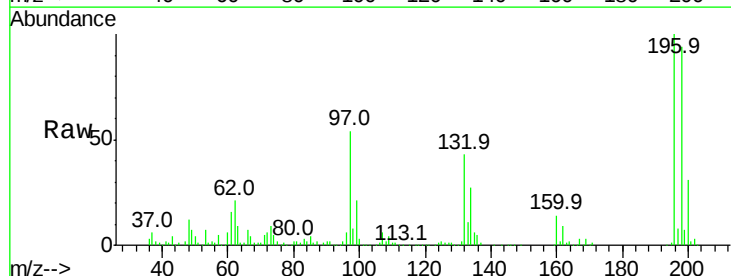
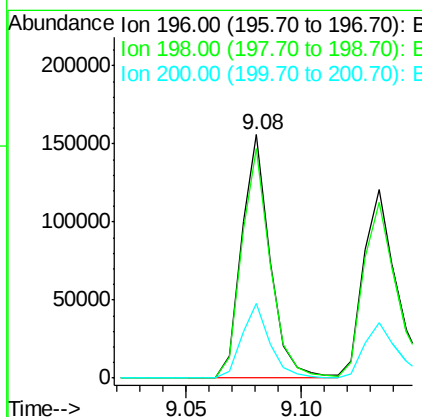
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#42
 2,4,6-Trichlorophenol
 Concen: 39.020 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.0	75.7	113.5	
200	30.7	24.5	36.7	





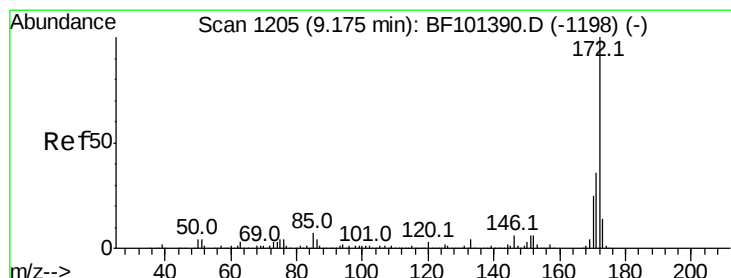
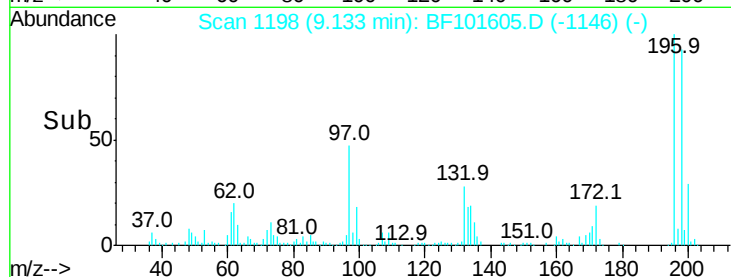
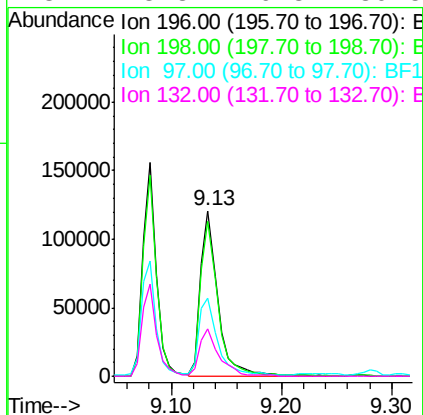
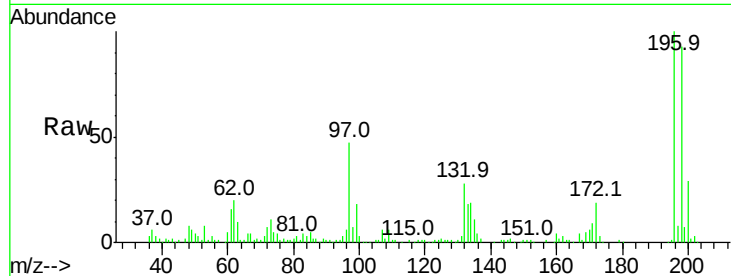
#43
 2,4,5-Trichlorophenol
 Concen: 33.776 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	127253		
198	93.2	74.6	112.0	
97	47.5	42.9	64.3	
132	28.3	26.3	39.5	

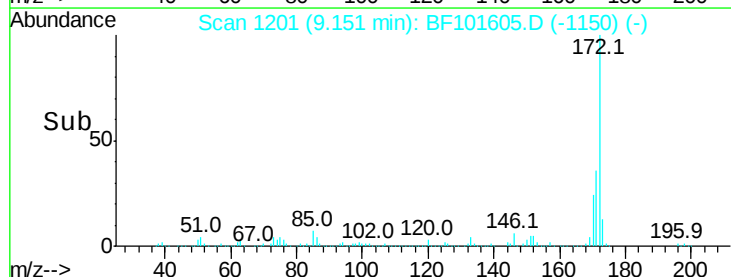
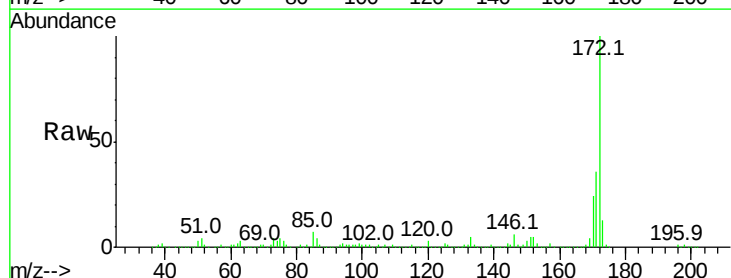
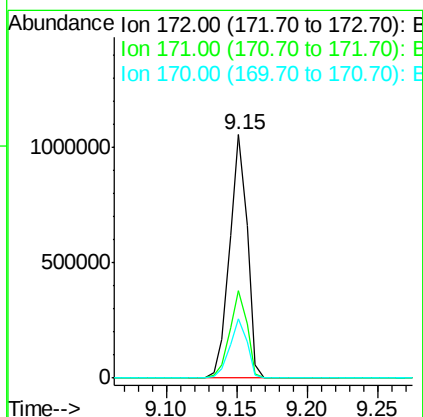
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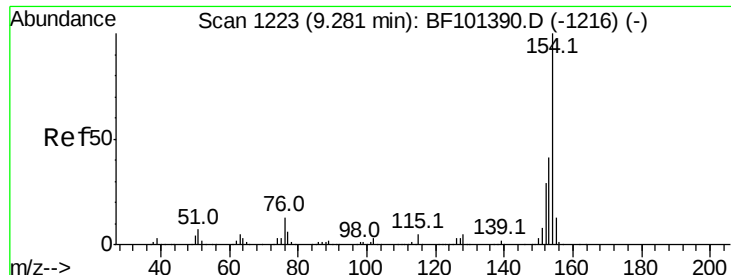
Sohil
 12/22/2017 12:41:47 PM



#44
 2-Fluorobiphenyl
 Concen: 84.021 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	916904		
171	35.9	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 38.365 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

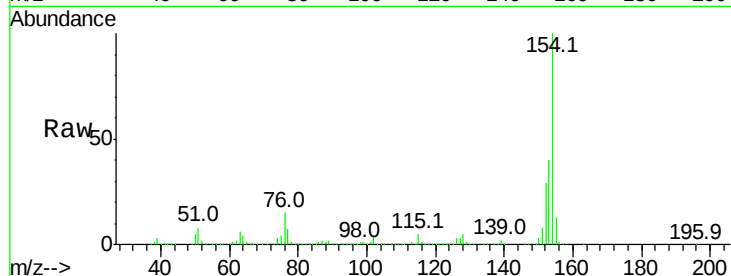
ClientSampleId :

PL-01-121917-AMSD

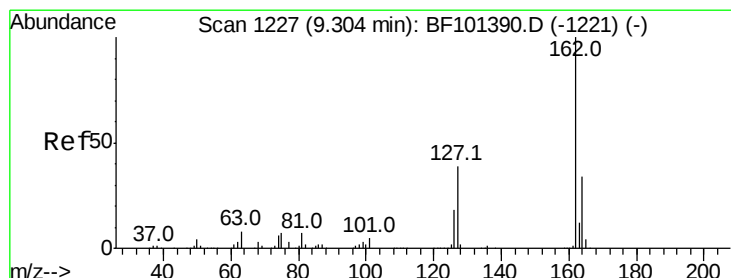
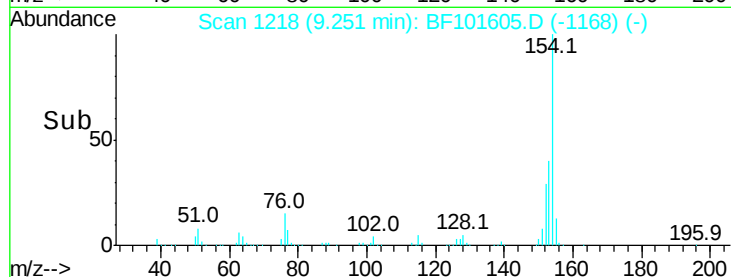
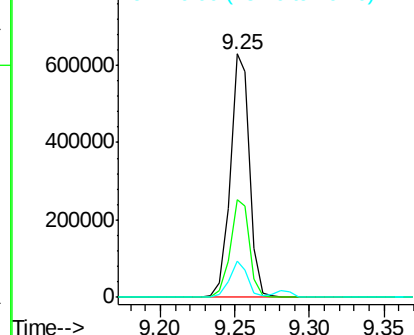
Tot Ion:	154	Resp:	575978
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	14.7	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.841 ng

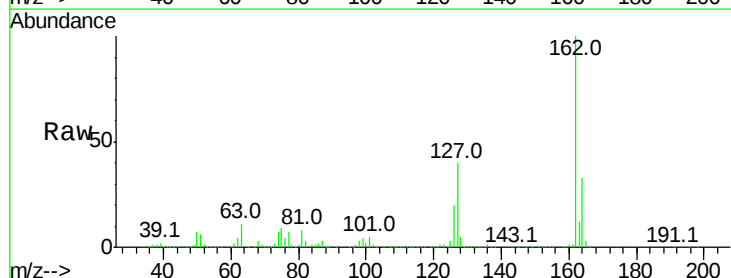
RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

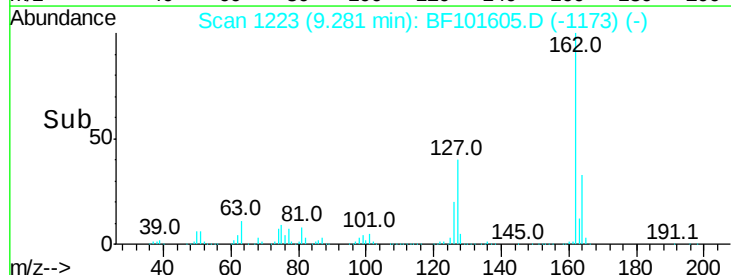
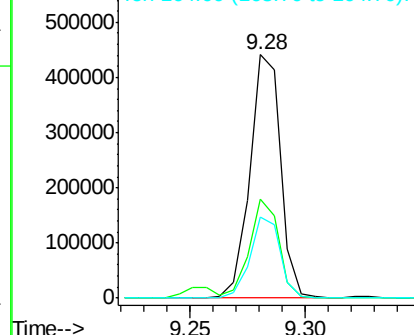
Lab File: BF101605.D

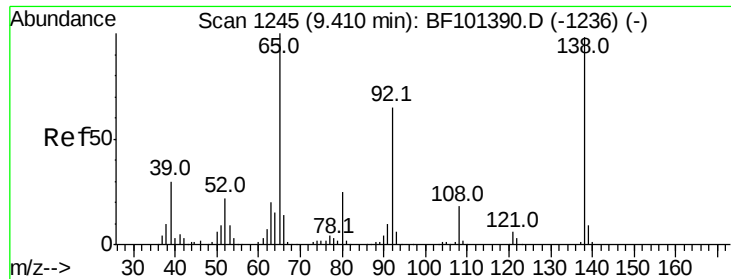
Acq: 21 Dec 2017 14:29

Tgt Ion:	162	Resp:	411709
Ion Ratio	Lower	Upper	
162	100		
127	40.5	33.9	50.9
164	33.1	26.5	39.7



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





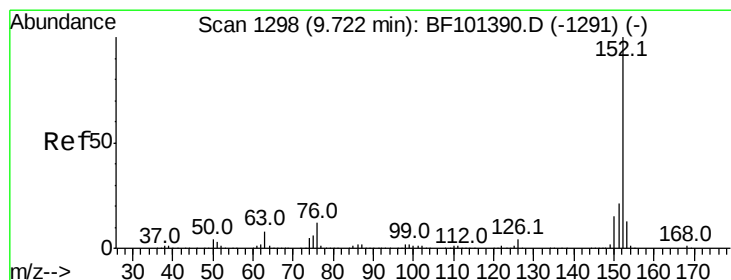
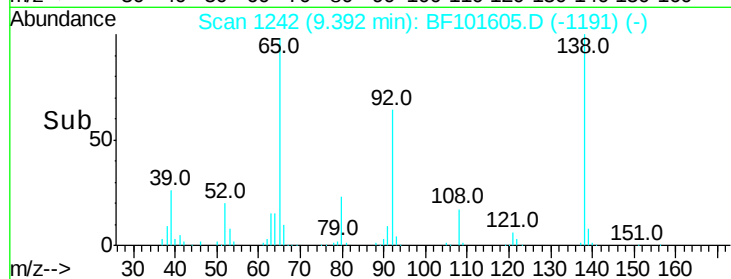
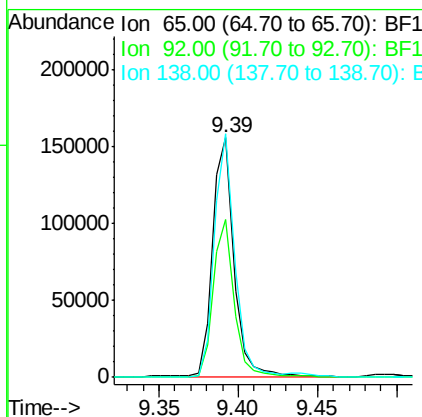
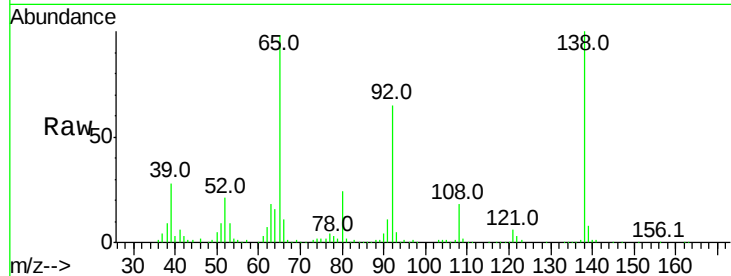
#47
2-Nitroaniline
Concen: 36.490 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.7	55.8	83.6
138	101.6	91.2	136.8

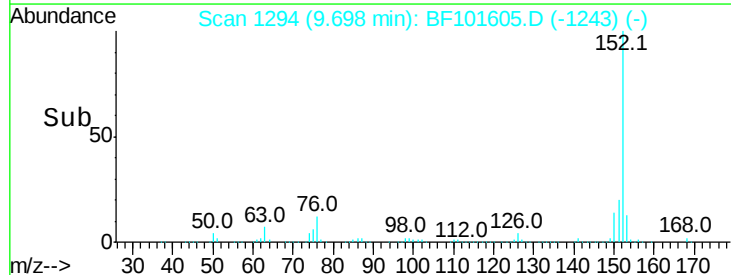
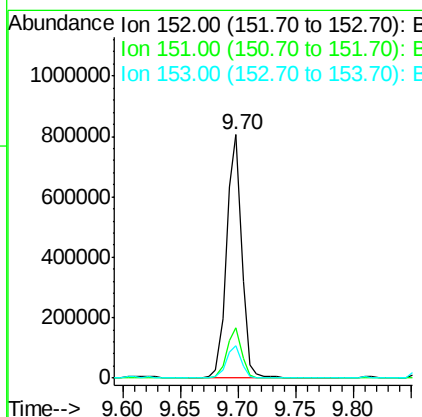
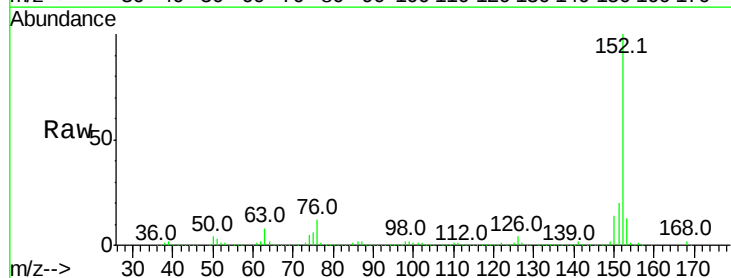
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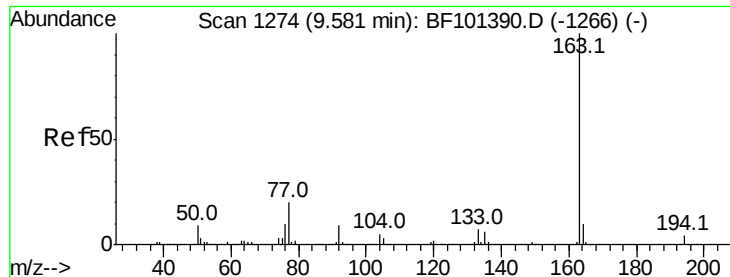
Sohil
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#48
Acenaphthylene
Concen: 40.061 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.7	16.1





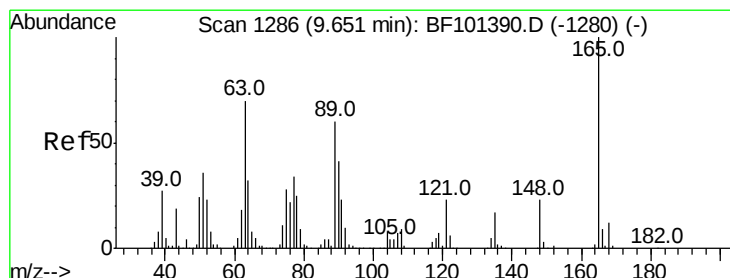
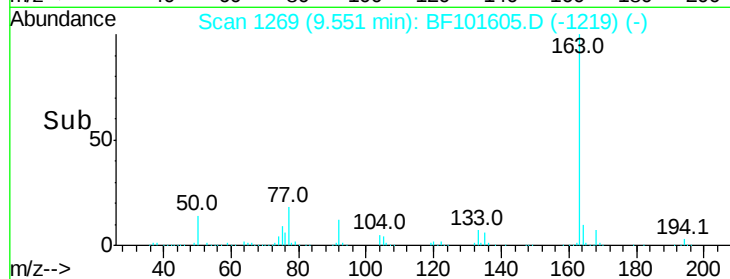
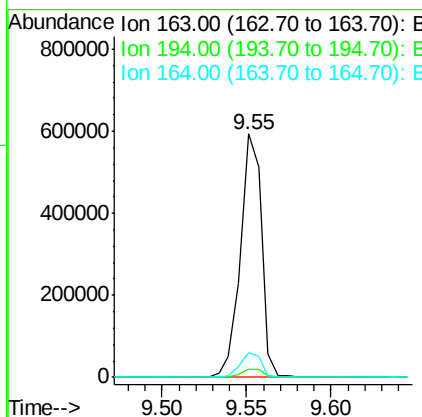
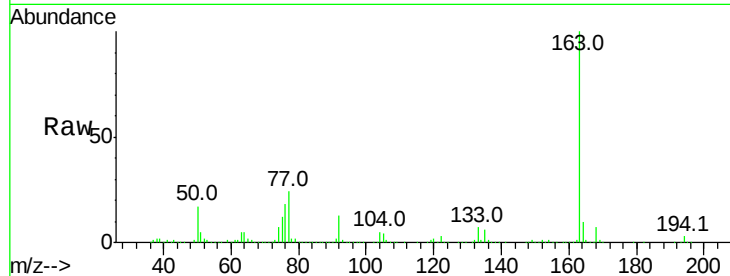
#49
 Dimethylphthalate
 Concen: 37.906 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion:	163	Resp:	516149
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.4	8.2	12.2

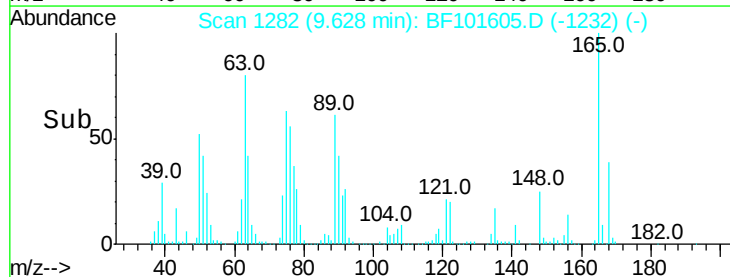
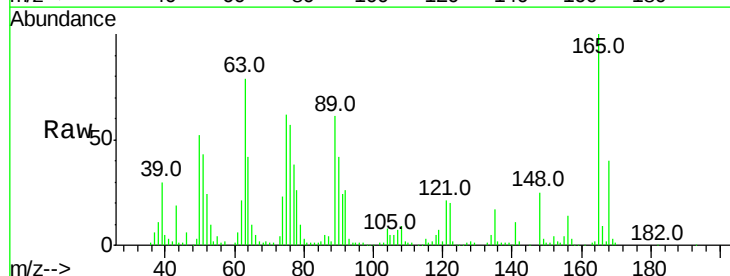
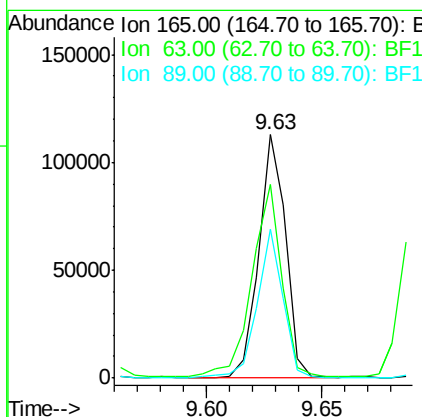
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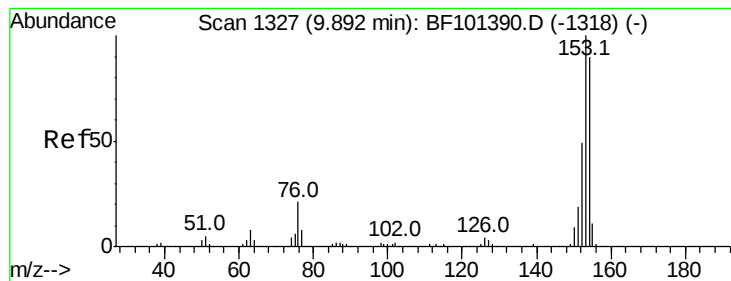
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#50
 2,6-Dinitrotoluene
 Concen: 33.135 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion:	165	Resp:	91700
Ion Ratio	Lower	Upper	
165	100		
63	79.5	44.7	67.1#
89	61.3	44.0	66.0





#51

Acenaphthene

Concen: 37.334 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

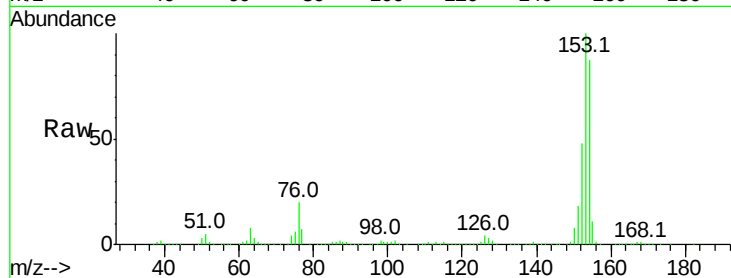
ClientSampleId :

PL-01-121917-AMSD

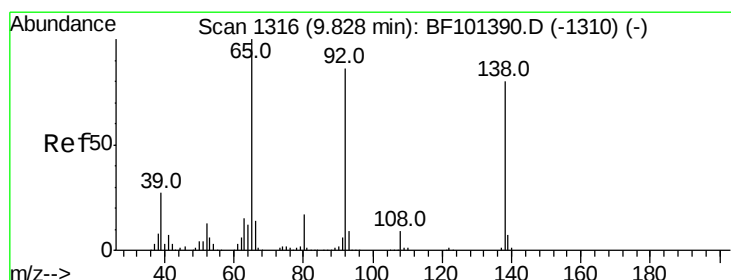
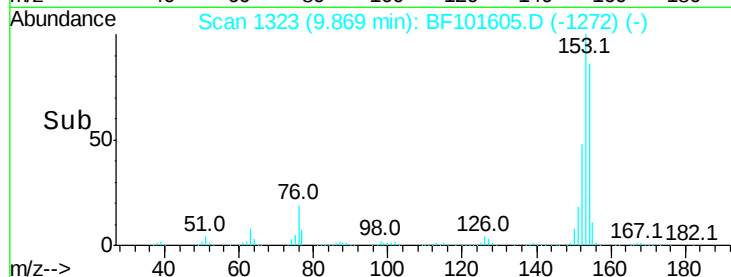
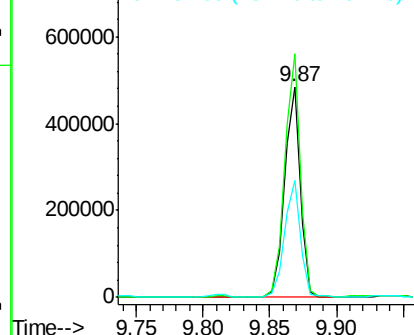
Tot Ion:	154	Resp:	406968
Ion Ratio	Lower	Upper	
154	100		
153	115.6	91.2	136.8
152	55.7	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.340 ng

RT: 9.80 min Scan# 1312

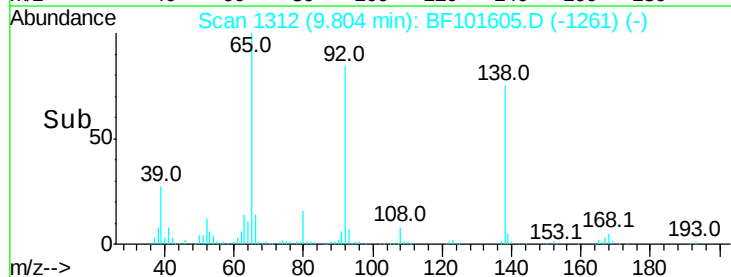
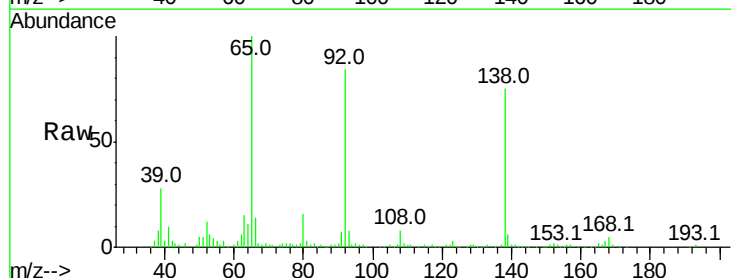
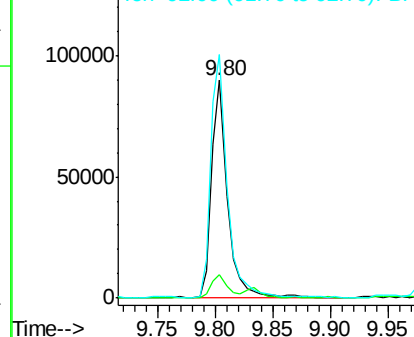
Delta R.T. 0.00 min

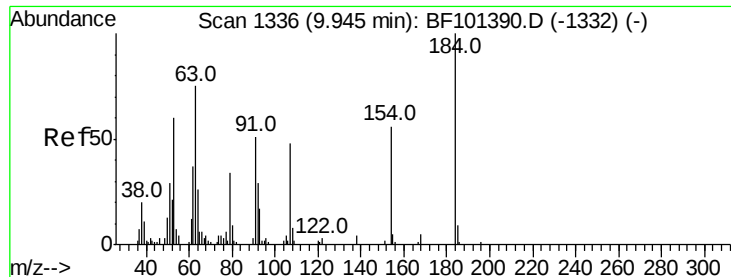
Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	138	Resp:	87433
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.4	14.0
92	111.7	89.4	134.2

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





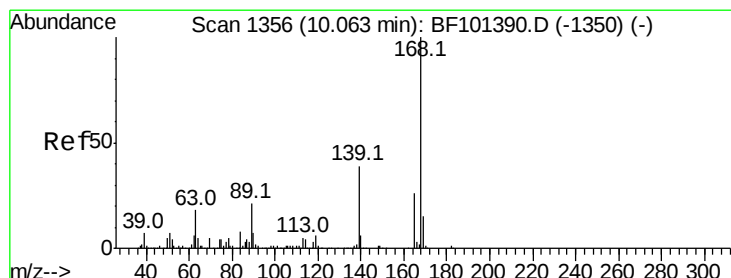
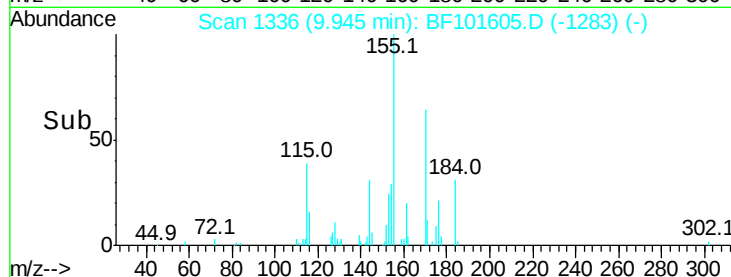
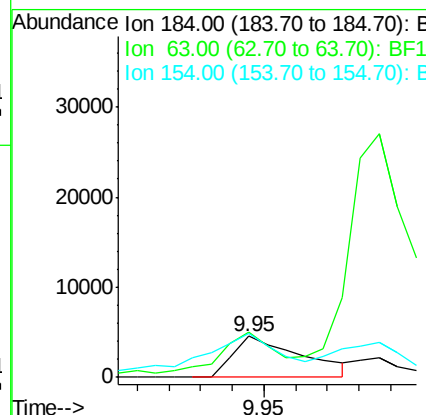
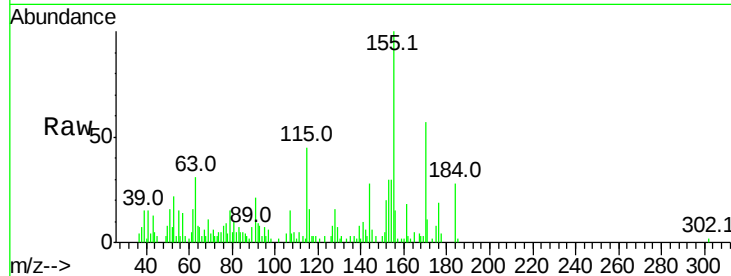
#53
2,4-Dinitrophenol
Concen: 16.470 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	112.0	54.2	81.2#
154	108.3	184.0	276.0#

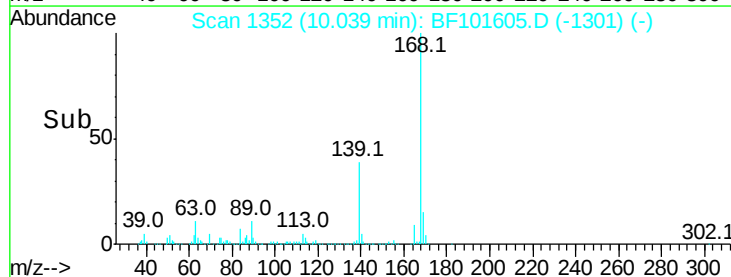
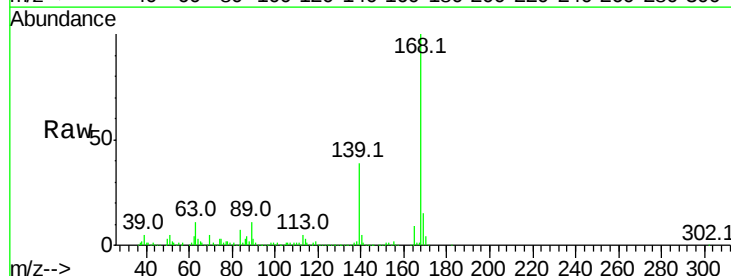
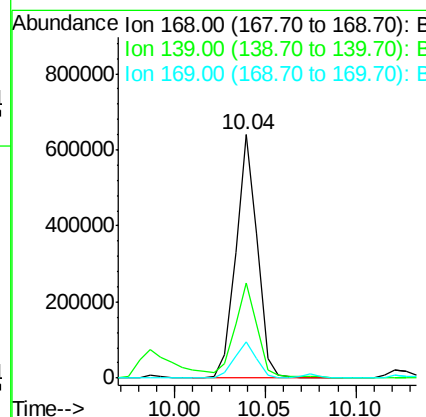
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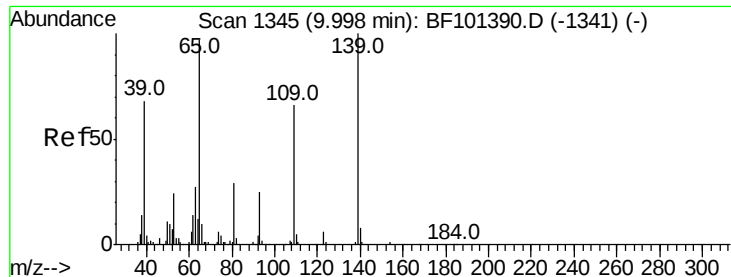
Sohil
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#54
Dibenzofuran
Concen: 37.617 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	14.7	10.9	16.3





#55

4-Nitrophenol

Concen: 70.821 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

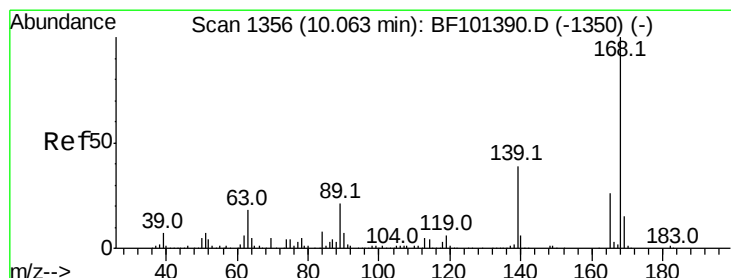
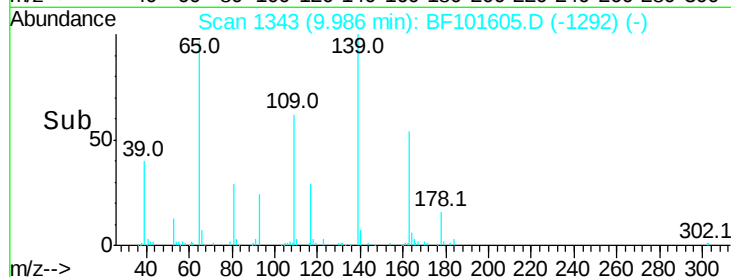
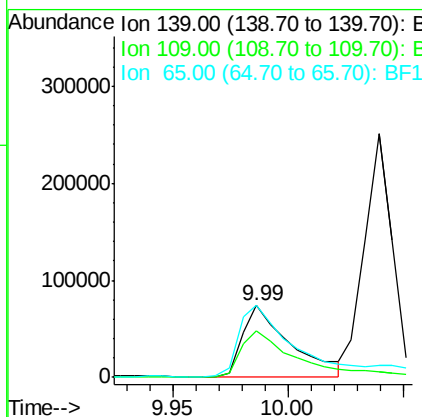
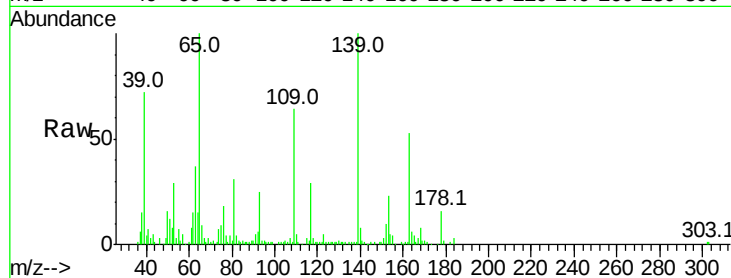
ClientSampleId :

PL-01-121917-AMSD

Tot Ion:	139	Resp:	106551
Ion Ratio	Lower	Upper	
139	100		
109	64.5	48.4	88.4
65	100.1	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 34.683 ng

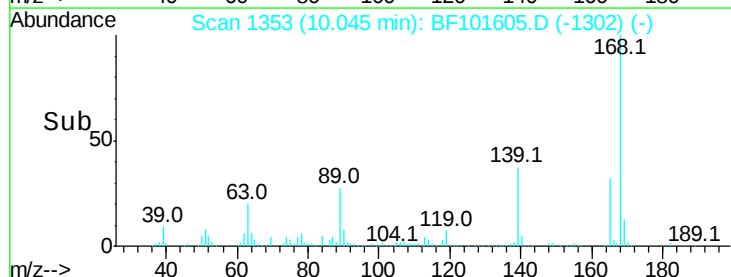
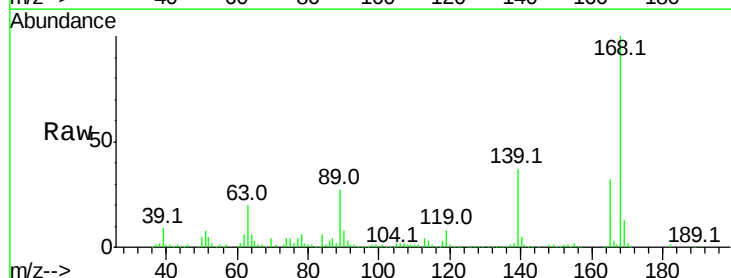
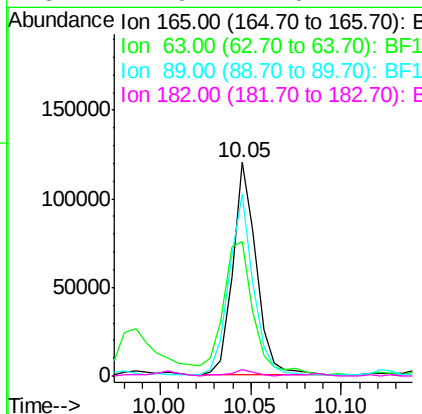
RT: 10.05 min Scan# 1353

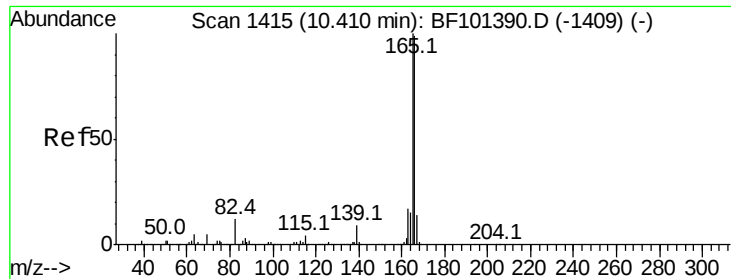
Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	165	Resp:	108143
Ion Ratio	Lower	Upper	
165	100		
63	63.2	36.4	54.6#
89	85.1	57.8	86.6
182	2.9	1.6	2.4#





#57

Fluorene

Concen: 40.013 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

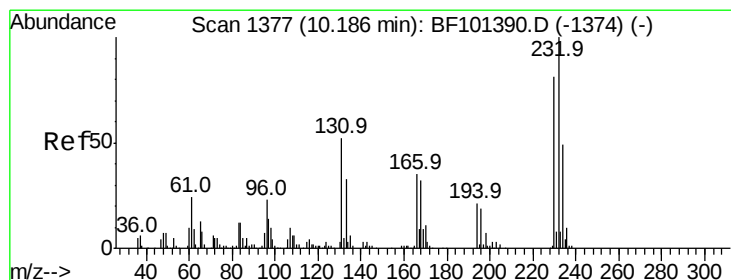
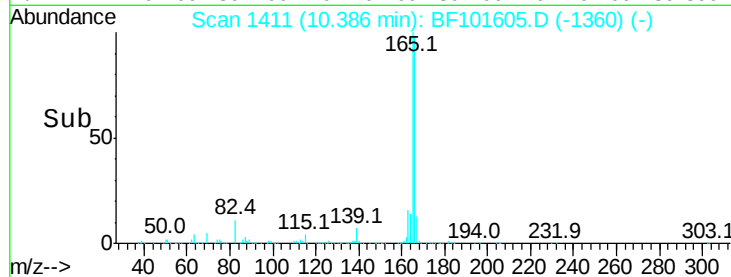
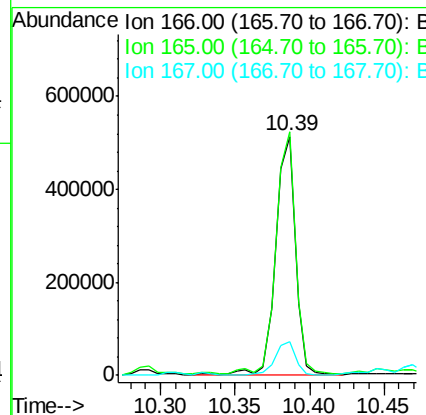
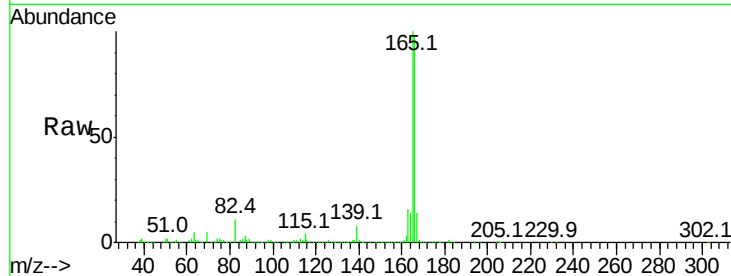
ClientSampleId :

PL-01-121917-AMSD

Tot Ion:	166	Resp:	468911
Ion Ratio	Lower	Upper	
166	100		
165	102.0	79.8	119.8
167	14.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 34.143 ng

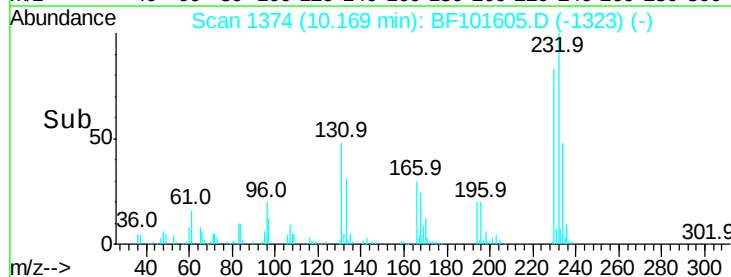
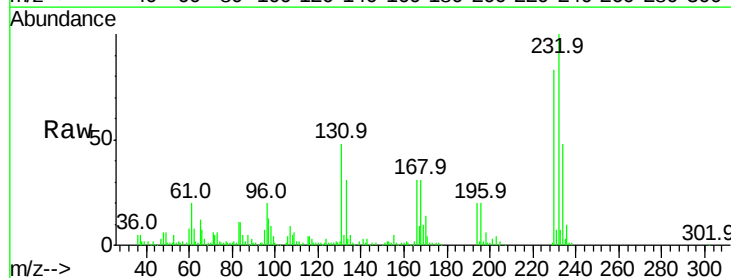
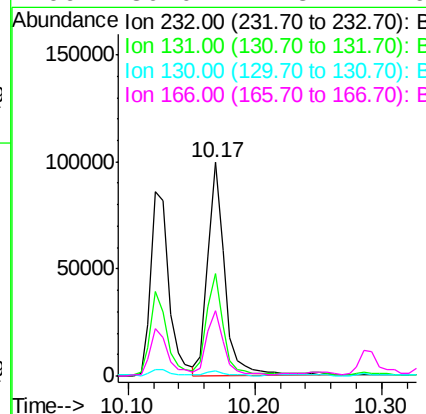
RT: 10.17 min Scan# 1374

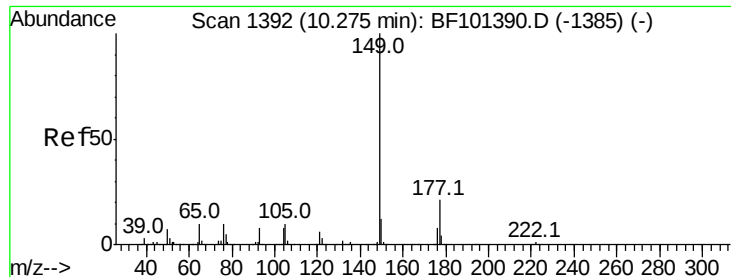
Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	232	Resp:	92420
Ion Ratio	Lower	Upper	
232	100		
131	46.4	43.8	65.8
130	2.8	2.1	3.1
166	30.0	27.8	41.6





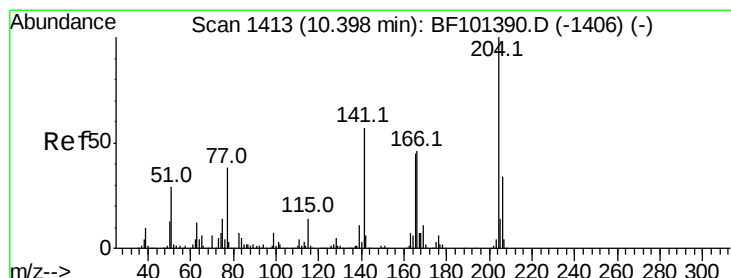
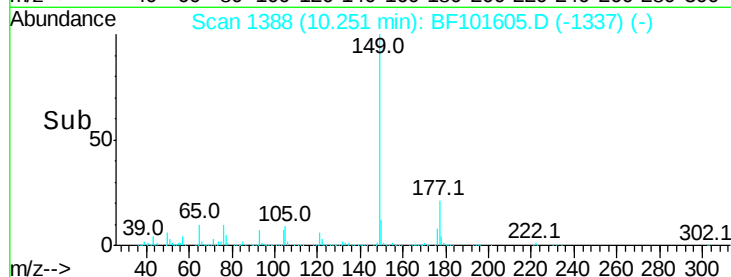
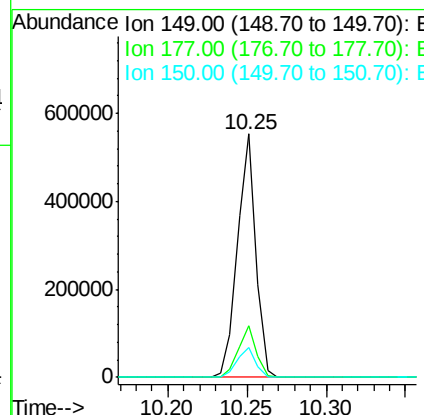
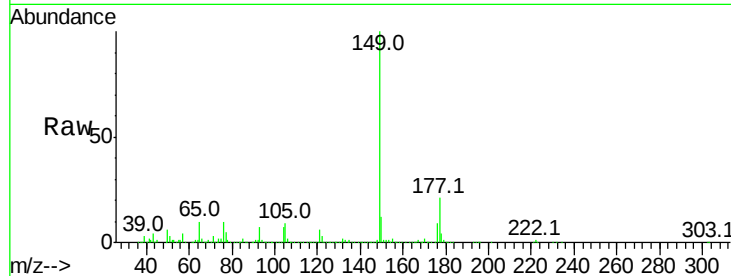
#59
Diethylphthalate
Concen: 33.092 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.4	10.1	15.1

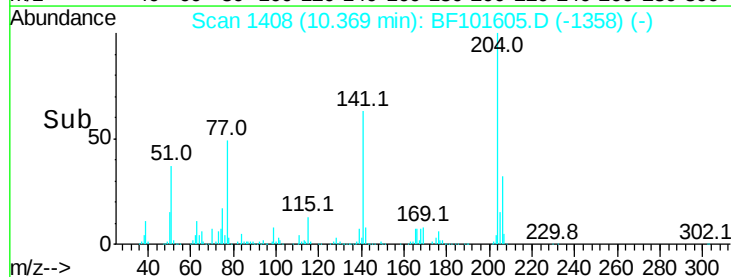
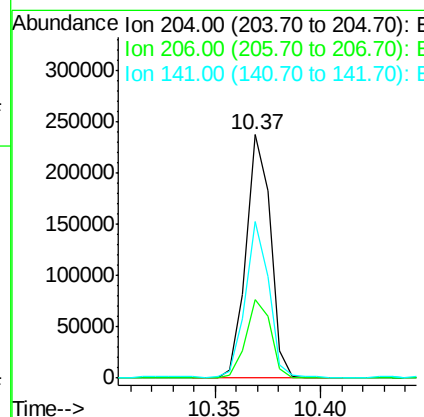
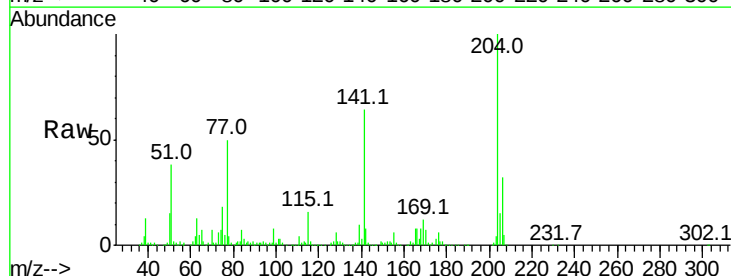
Manual Integrations
APPROVED

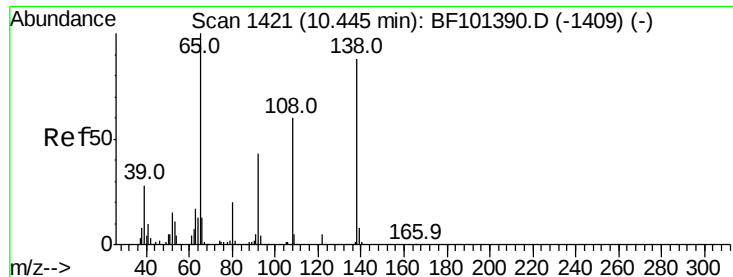
Sohil
12/22/2017 12:41:47 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.820 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	64.4	54.6	81.8





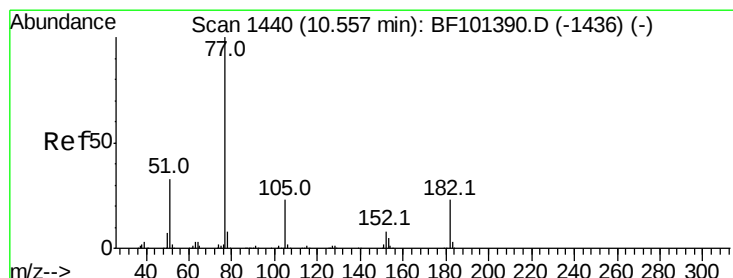
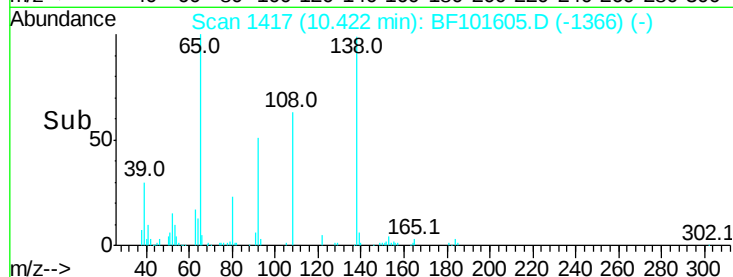
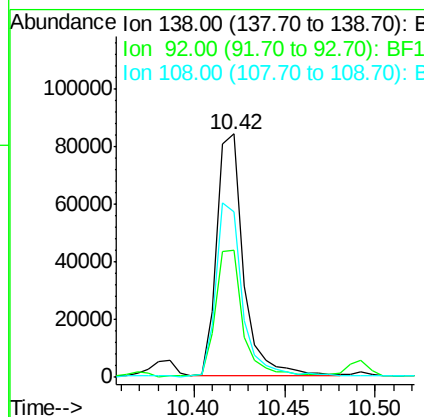
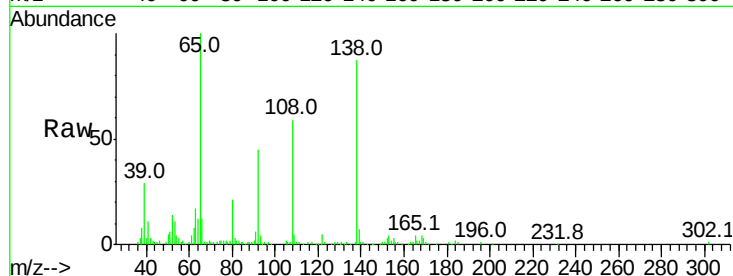
#61
4-Nitroaniline
Concen: 25.019 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.0	30.2	70.2
108	68.2	52.5	92.5

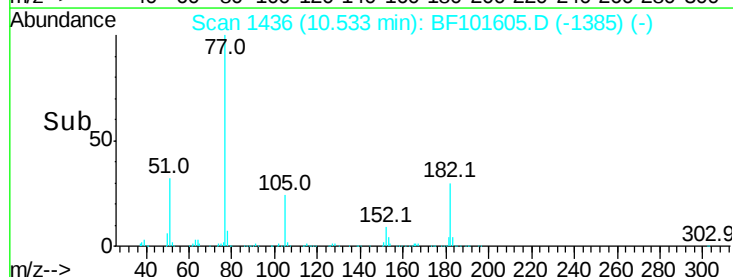
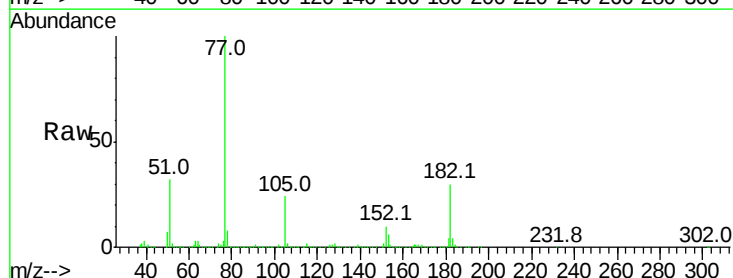
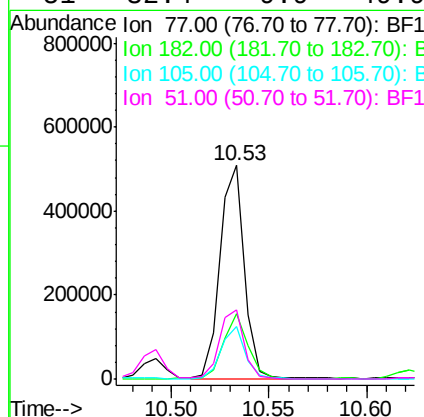
Manual Integrations
APPROVED

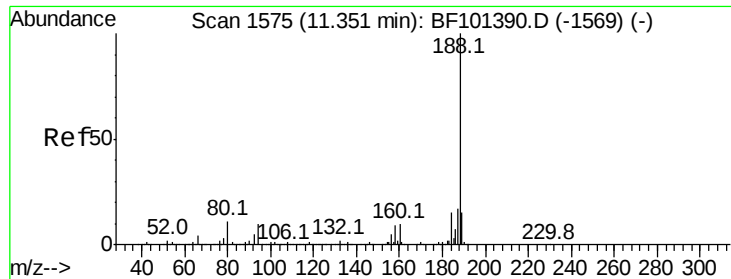
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#62
Azobenzene
Concen: 31.226 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.3	1.7	41.7
105	24.3	3.0	43.0
51	32.4	9.9	49.9





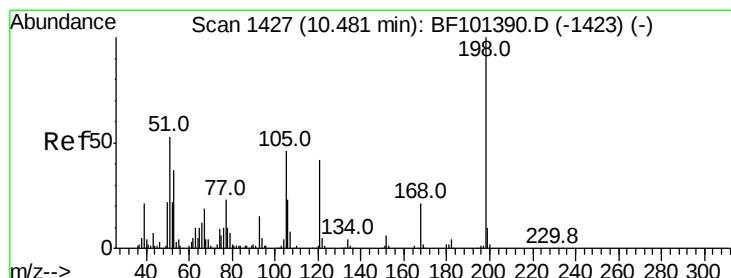
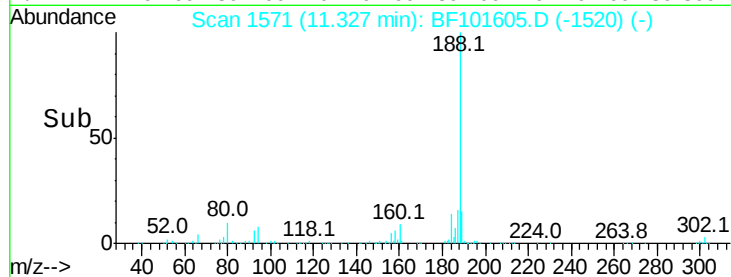
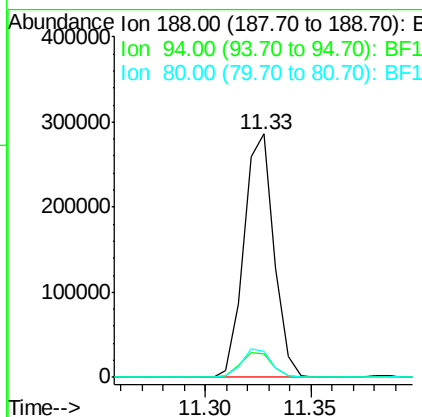
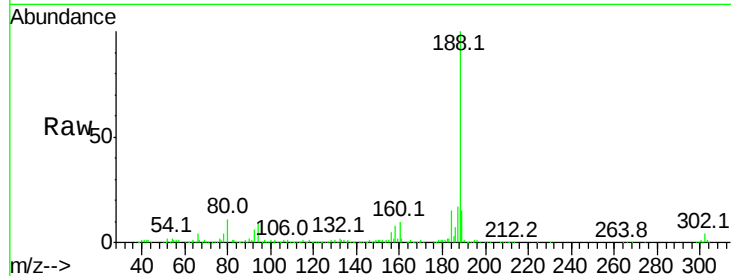
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.6	9.2	13.8

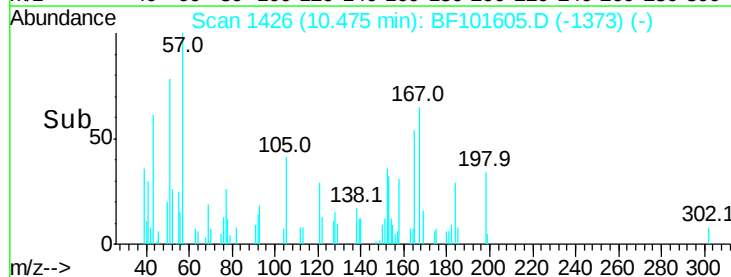
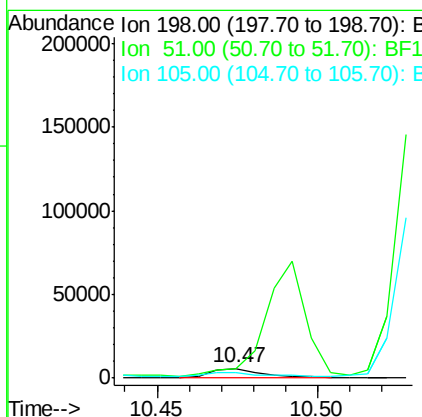
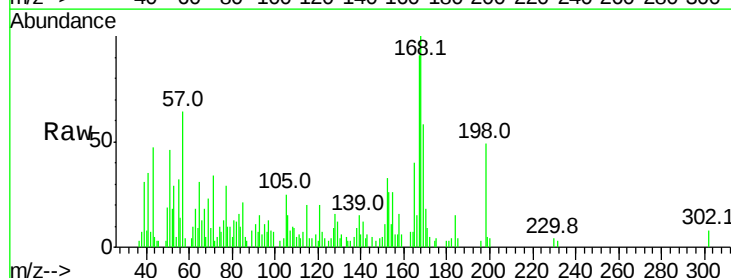
Manual Integrations
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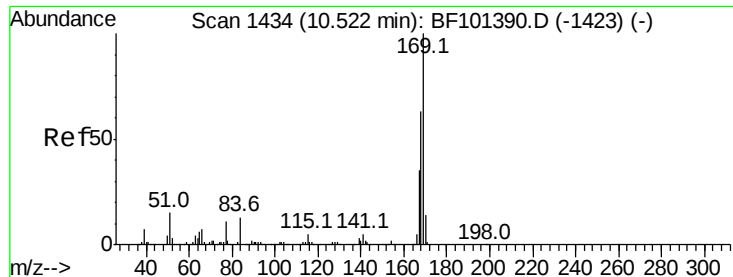
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#64
4,6-Dinitro-2-methylphenol
Concen: 4.974 ng m
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	92.6	37.7	77.7#
105	51.2	36.3	76.3





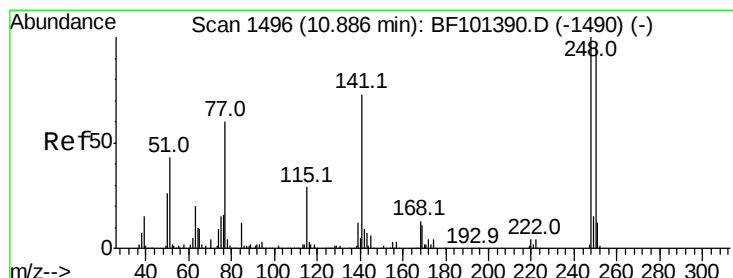
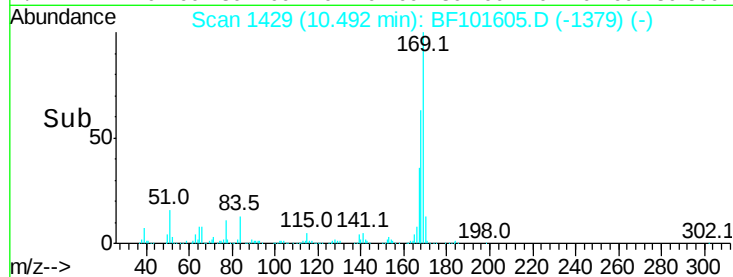
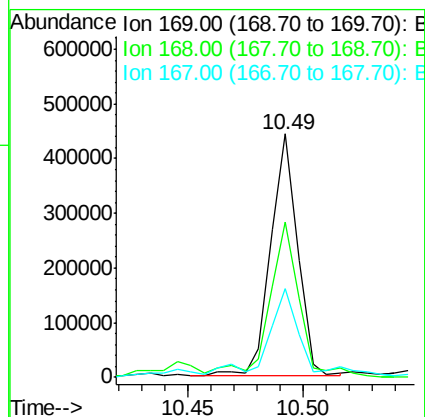
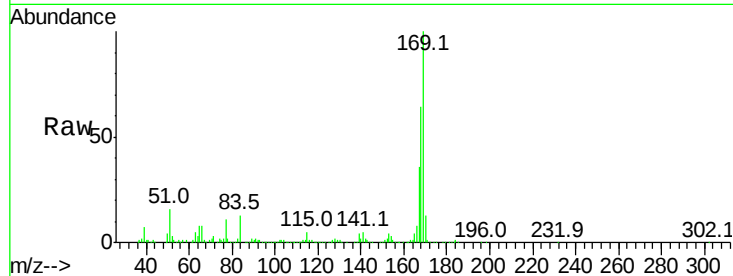
#65
n-Nitrosodiphenylamine
Concen: 34.220 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	355433		
168	63.8	54.4	81.6	
167	36.2	29.8	44.6	

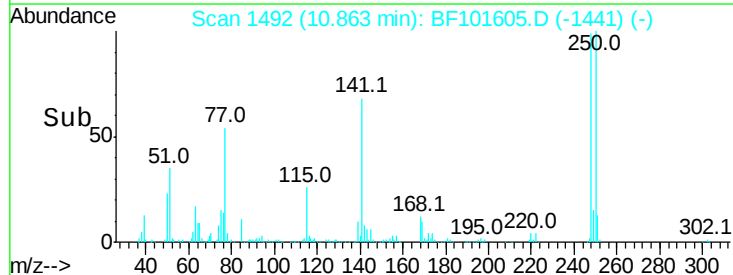
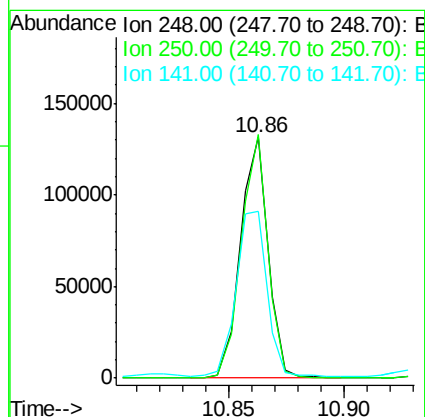
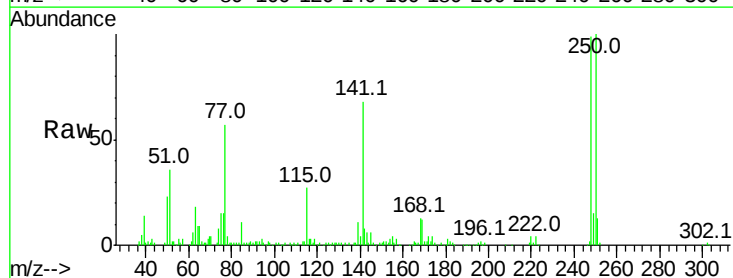
Manual Integrations
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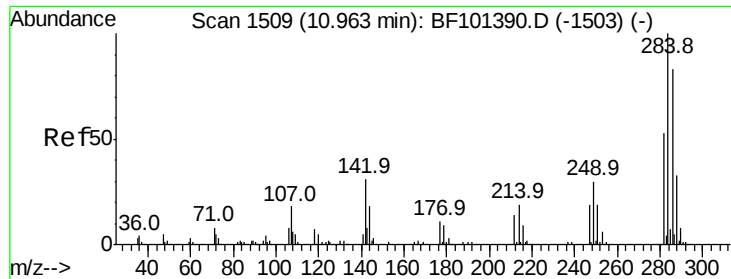
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#66
4-Bromophenyl-phenylether
Concen: 34.799 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	109991		
250	101.0	76.9	115.3	
141	69.1	74.4	111.6	





#67

Hexachlorobenzene

Concen: 32.656 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

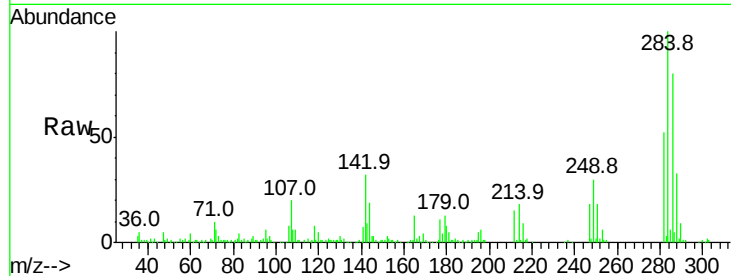
ClientSampleId :

PL-01-121917-AMSD

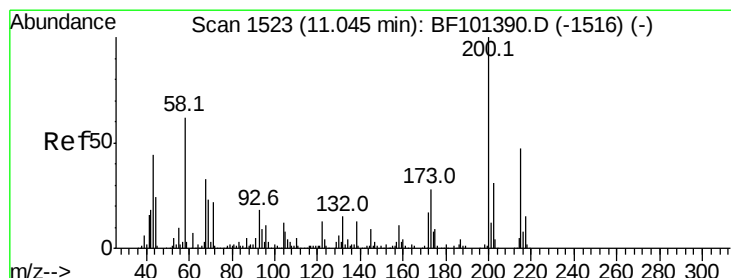
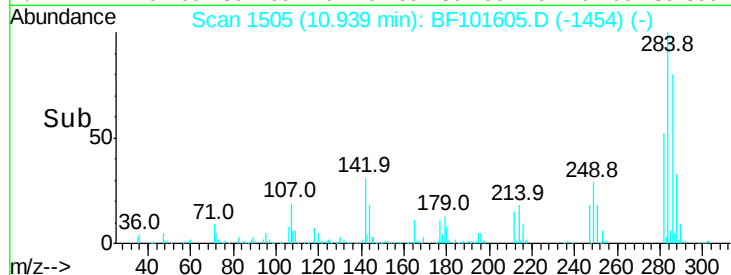
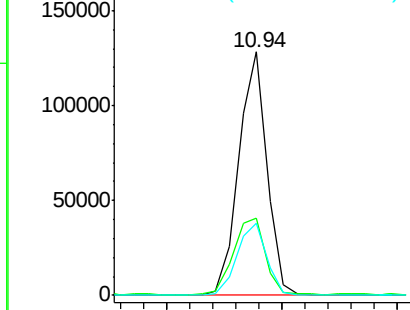
Tot Ion:	284	Resp:	109241
Ion Ratio	Lower	Upper	
284	100		
142	31.9	34.6	52.0#
249	29.8	24.8	37.2

Manual Integrations
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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



#68

Atrazine

Concen: 35.122 ng

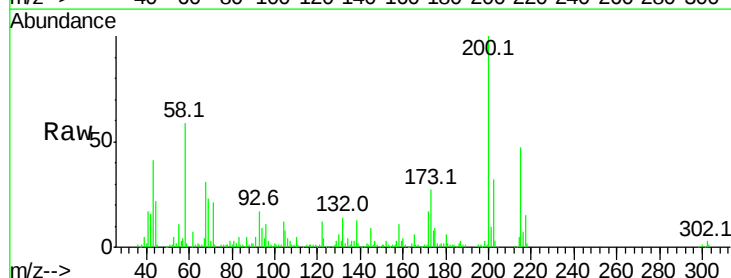
RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

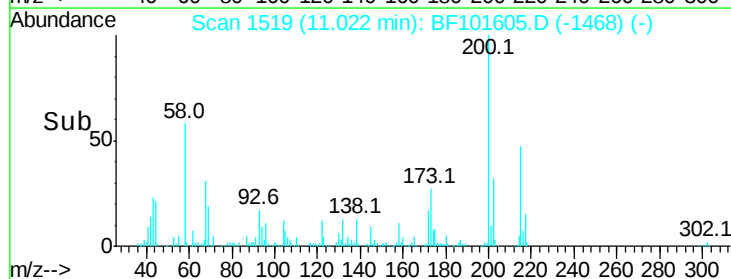
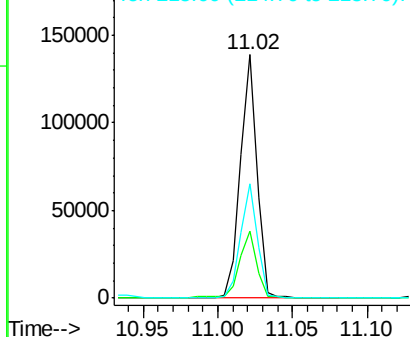
Lab File: BF101605.D

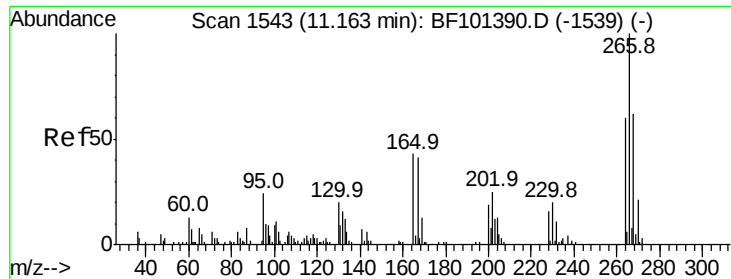
Acq: 21 Dec 2017 14:29

Tgt Ion:	200	Resp:	108777
Ion Ratio	Lower	Upper	
200	100		
173	27.5	8.6	48.6
215	47.0	25.1	65.1



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





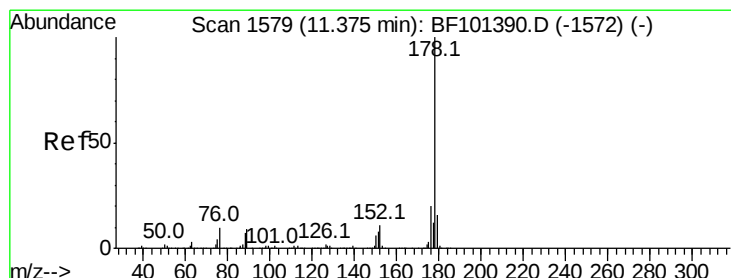
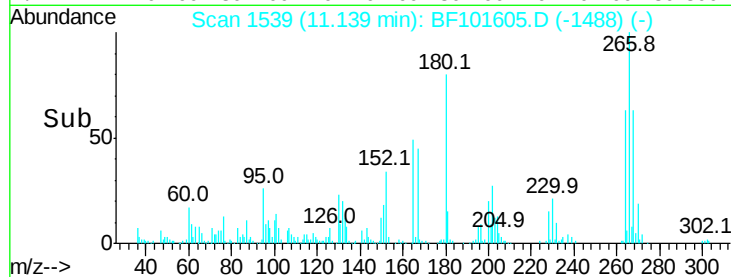
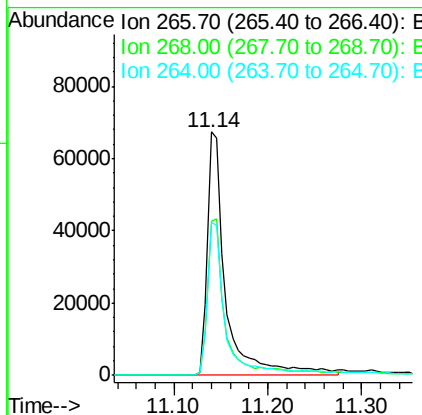
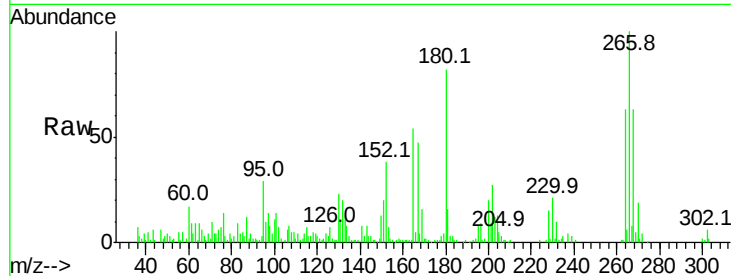
#69
 Pentachlorophenol
 Concen: 72.812 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.6	49.5	74.3

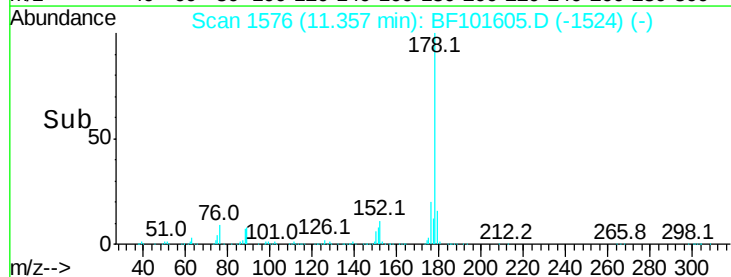
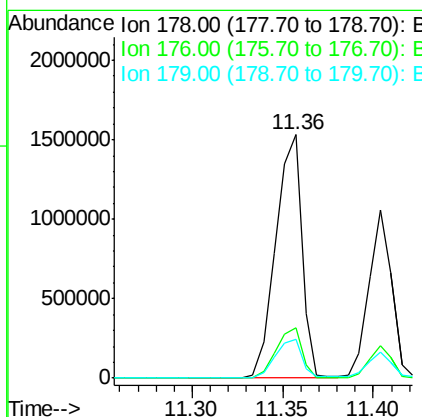
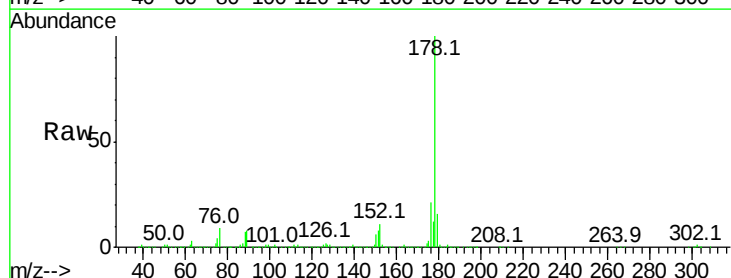
Manual Integrations
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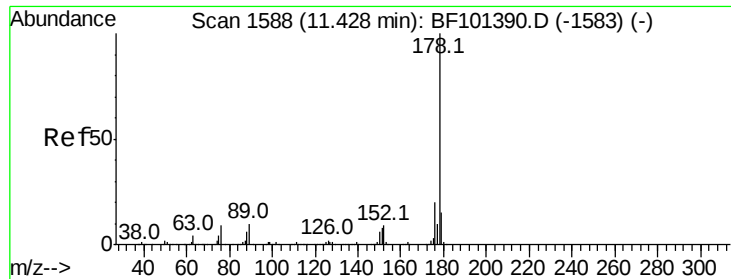
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#70
 Phenanthrene
 Concen: 98.130 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.0	13.0	19.6





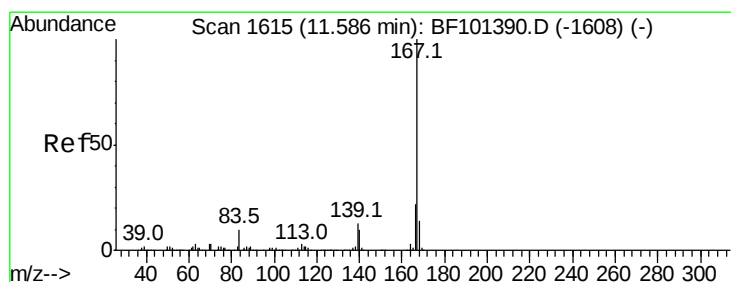
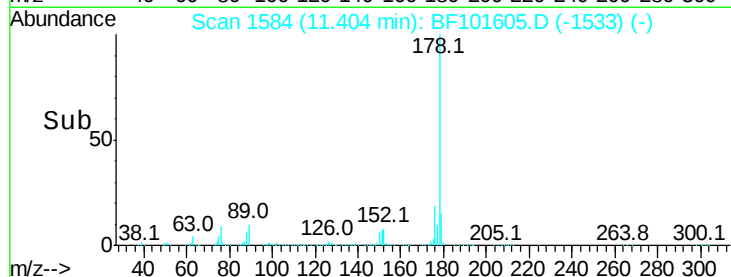
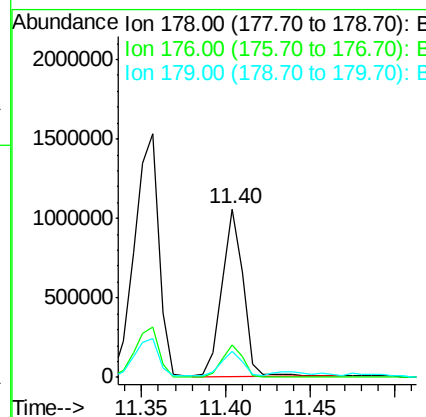
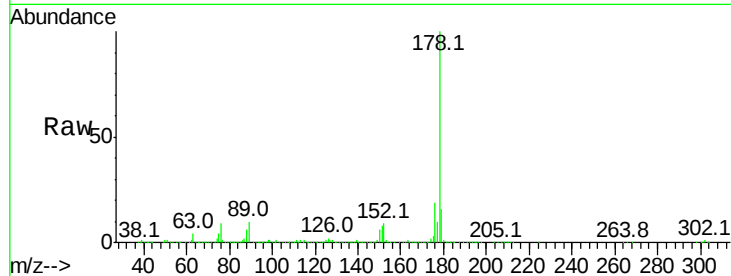
#71
 Anthracene
 Concen: 58.407 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.7	12.6	19.0

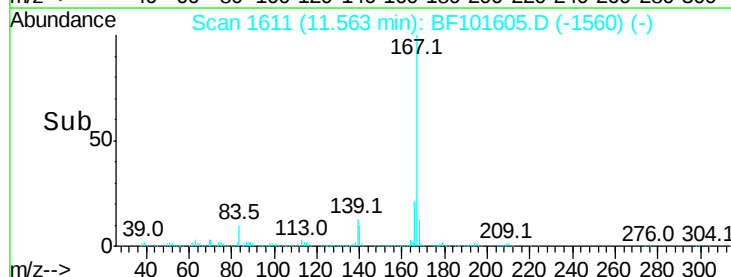
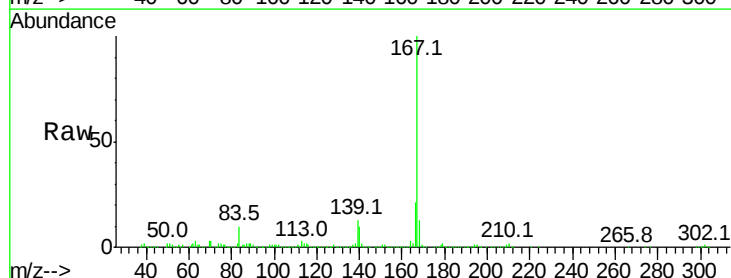
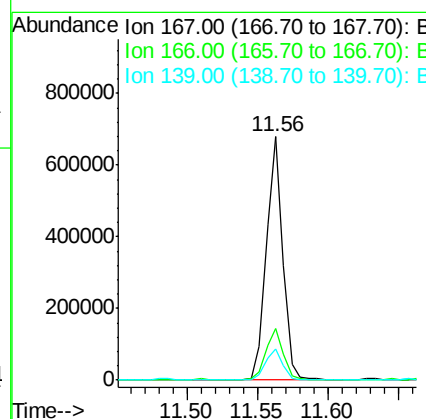
Manual Integrations
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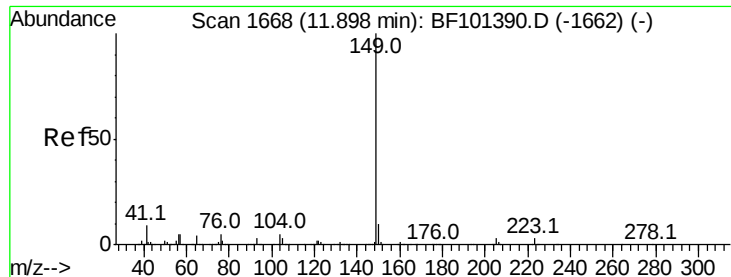
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#72
 Carbazole
 Concen: 37.563 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.005 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

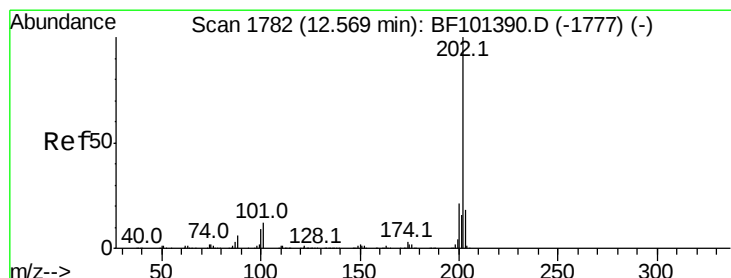
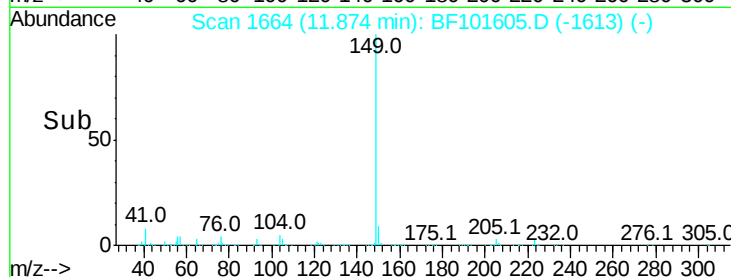
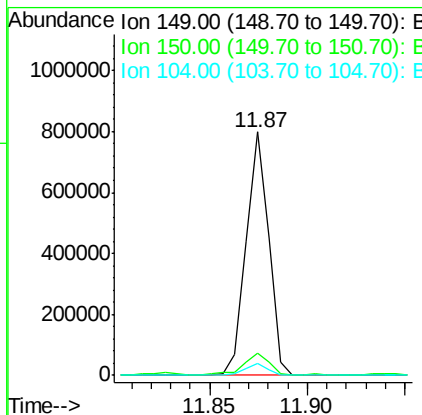
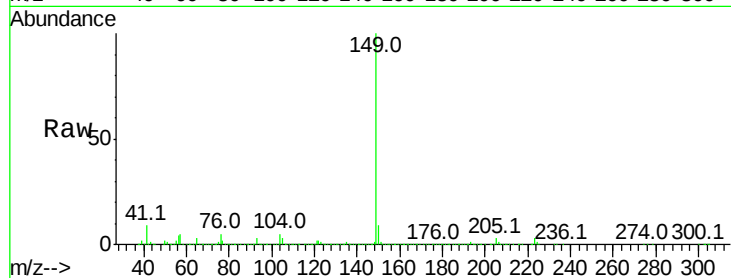
ClientSampleID :

PL-01-121917-AMSD

Tot Ion:	149	Resp:	635642
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 191.208 ng

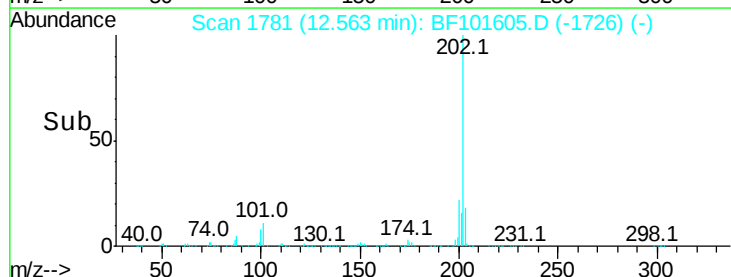
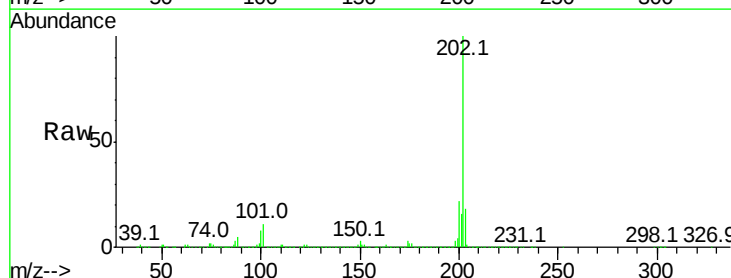
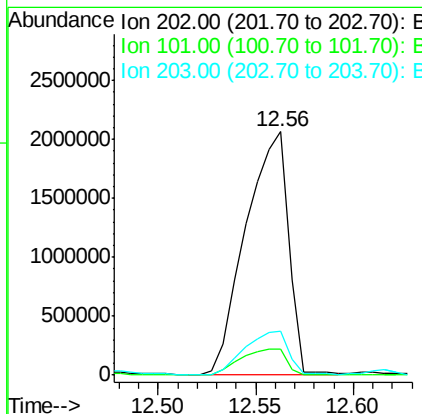
RT: 12.56 min Scan# 1781

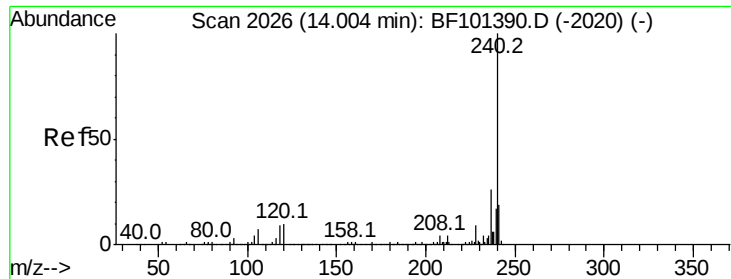
Delta R.T. 0.02 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	202	Resp:	3139647
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.02 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

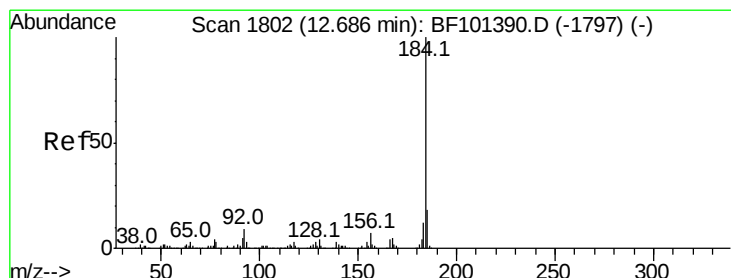
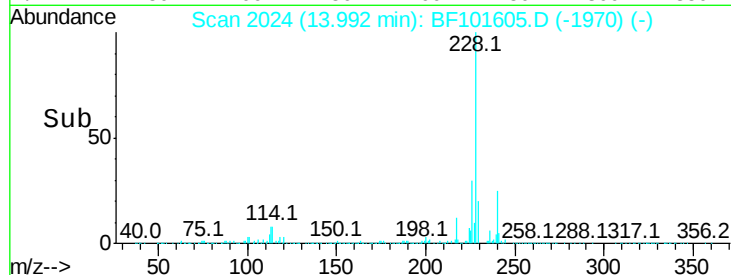
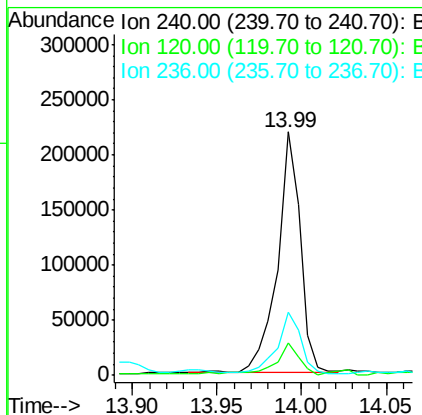
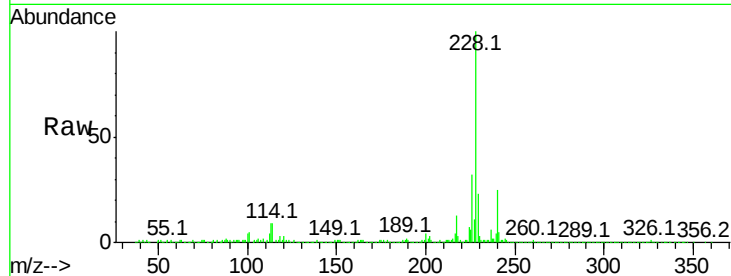
ClientSampleId :

PL-01-121917-AMSD

Tot Ion:	240	Resp:	207280
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 8.622 ng

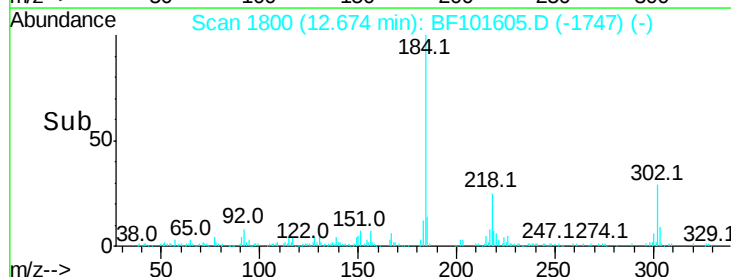
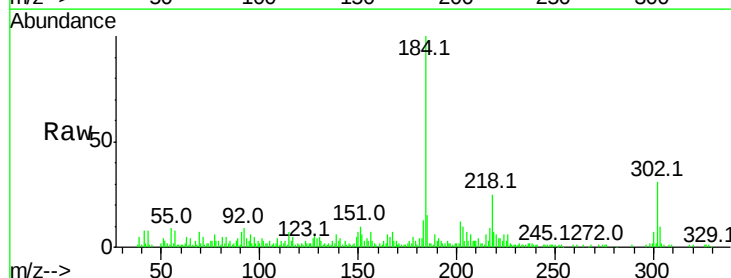
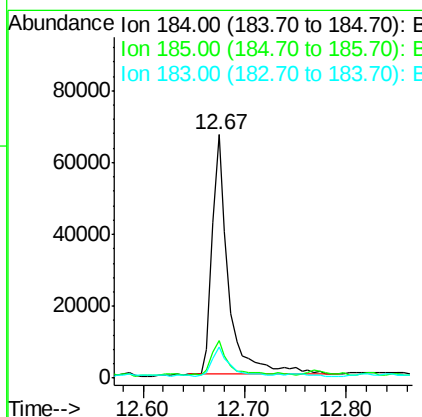
RT: 12.67 min Scan# 1800

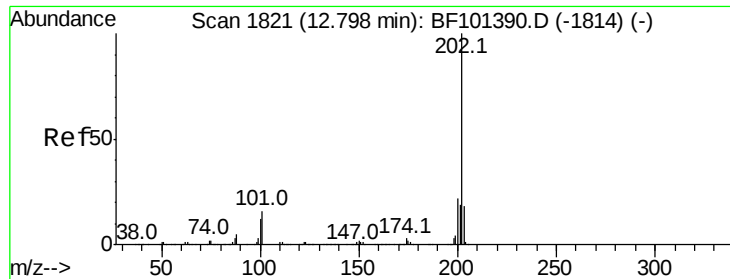
Delta R.T. 0.01 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Tgt Ion:	184	Resp:	75482
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	13.0	9.3	13.9





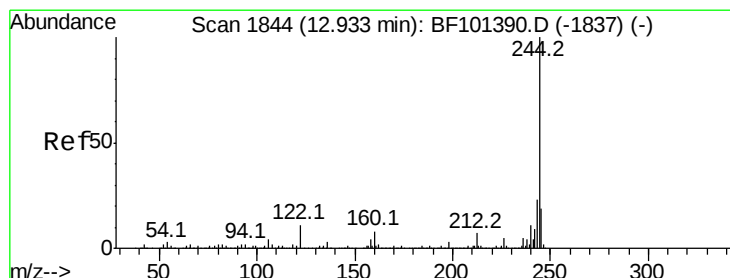
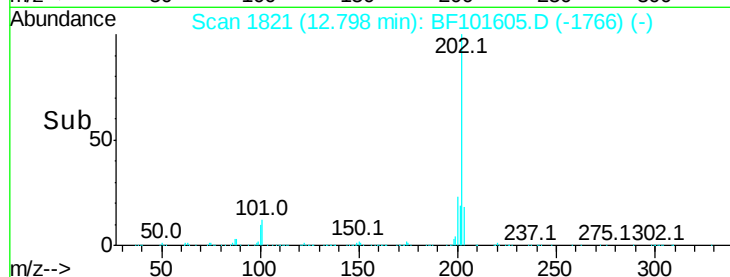
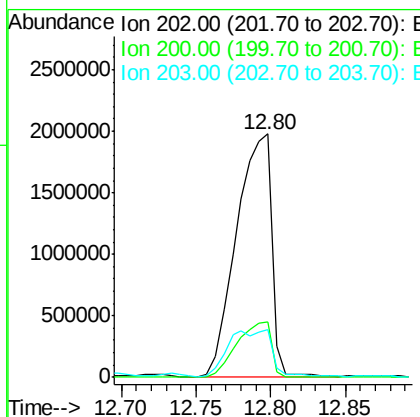
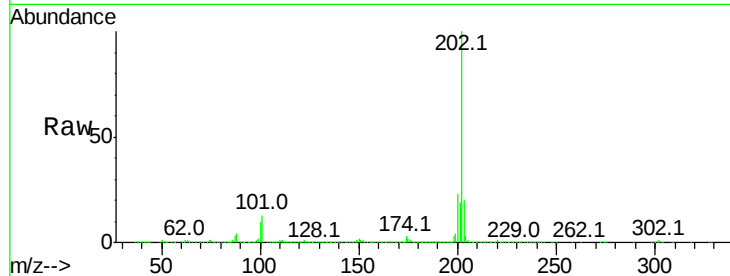
#77
Pvrene
Concen: 207.066 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.02 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	19.5	14.3	21.5

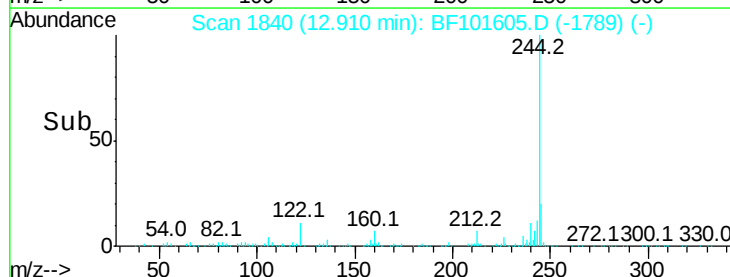
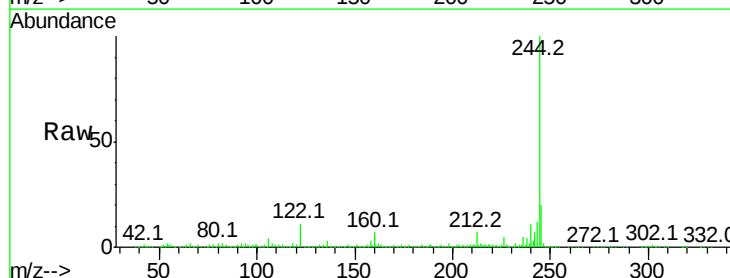
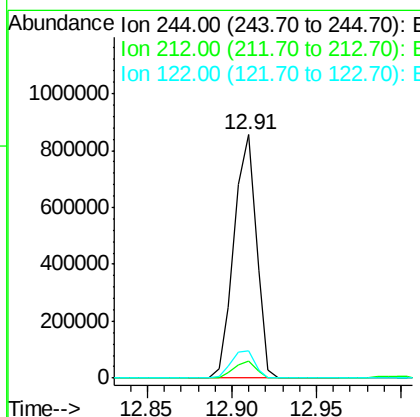
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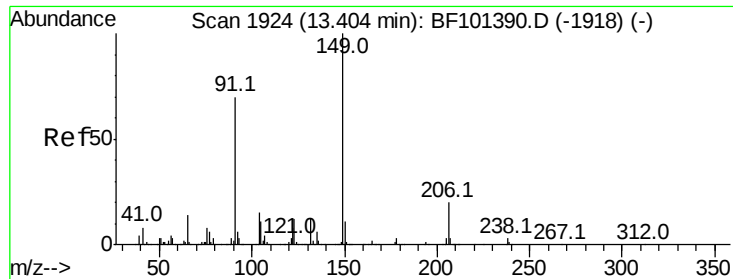
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#78
Terphenyl-d14
Concen: 91.696 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.3	11.0	16.4





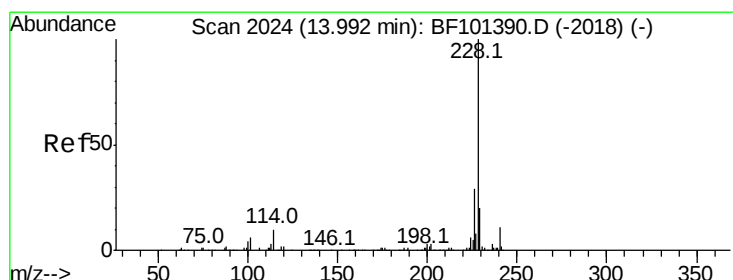
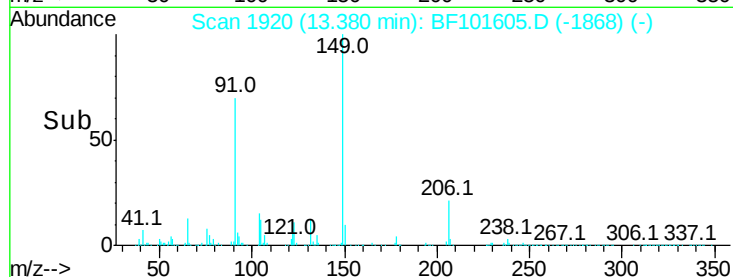
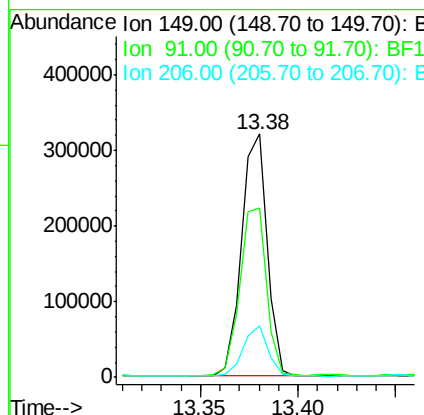
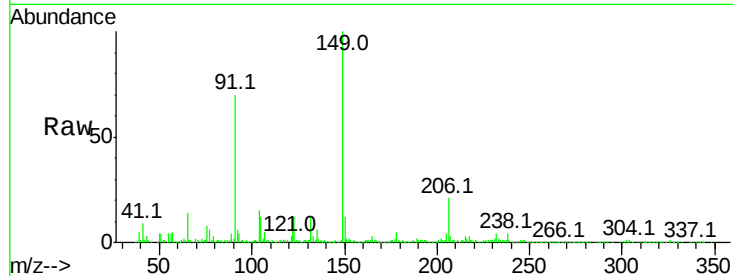
#79
Butylbenzylphthalate
Concen: 41.289 ng
RT: 13.38 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	290624		
91	69.7	56.8	85.2	
206	21.1	14.1	21.1	

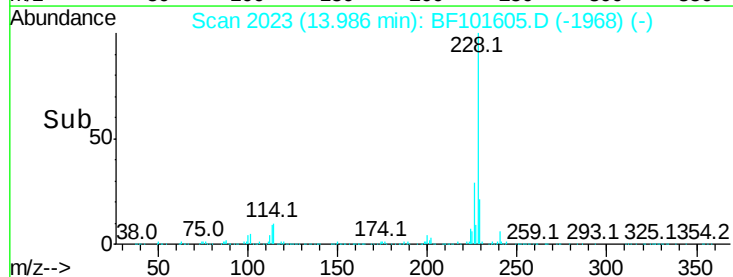
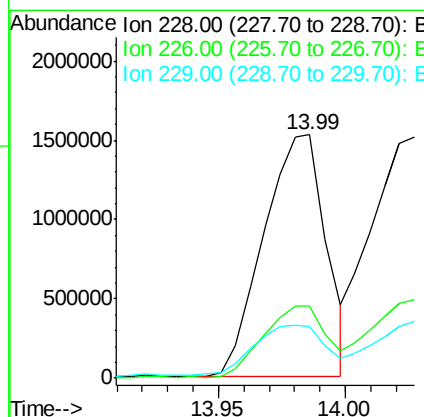
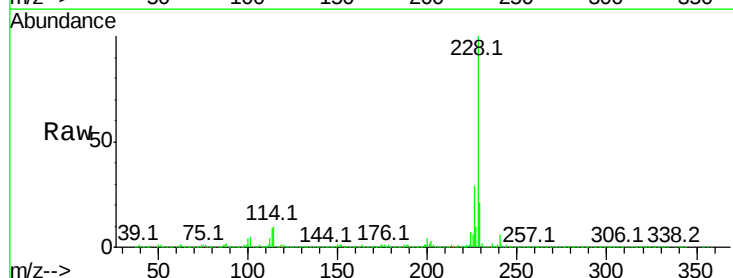
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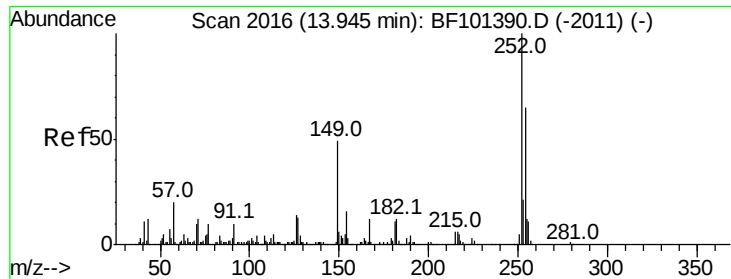
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#80
Benzo(a)anthracene
Concen: 190.866 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2612385		
226	29.5	22.6	33.8	
229	21.3	15.8	23.6	





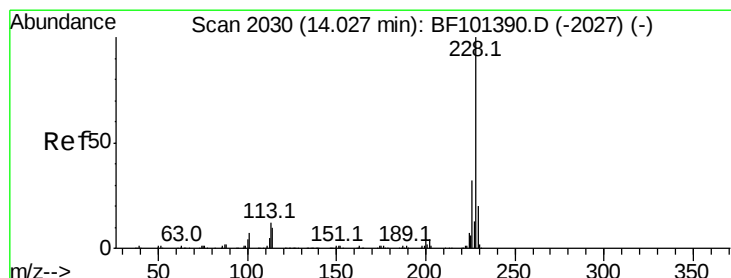
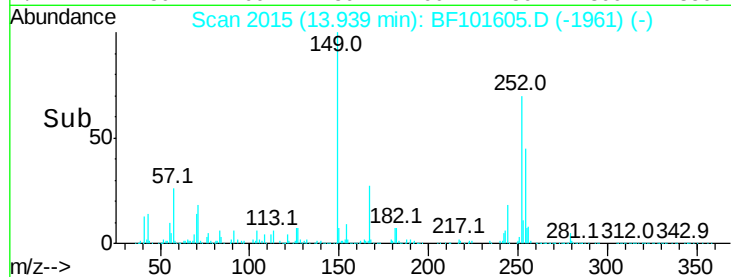
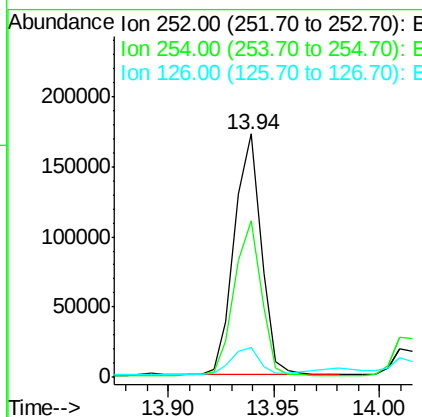
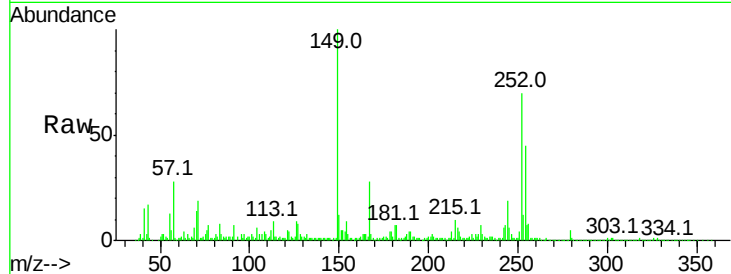
#81
 3,3'-Dichlorobenzidine
 Concen: 34.032 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.02 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.4	11.3	16.9

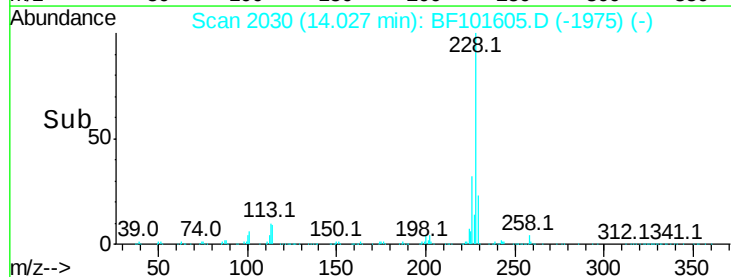
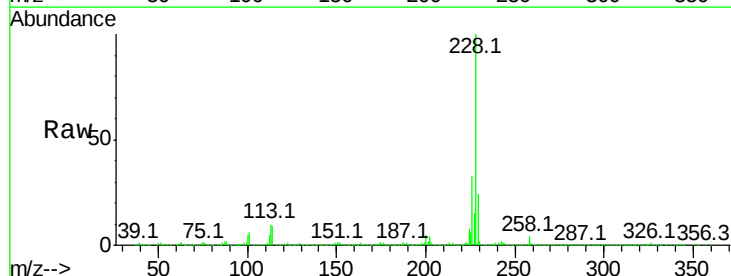
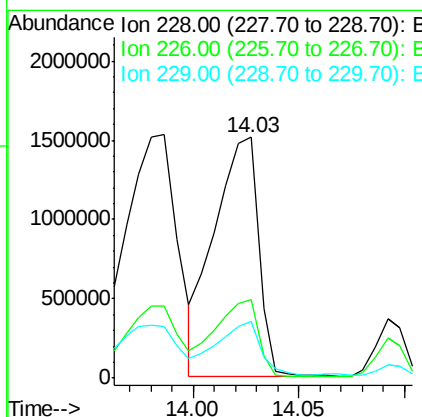
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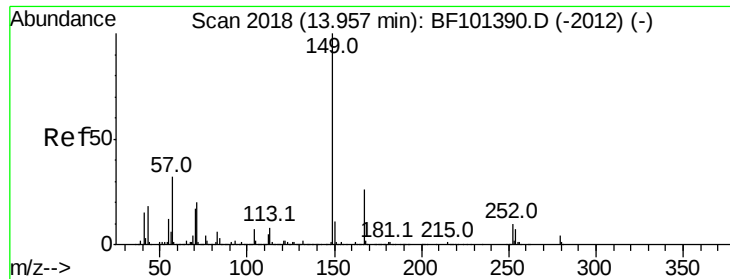
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#82
 Chrysene
 Concen: 170.261 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.02 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	23.5	16.2	24.4





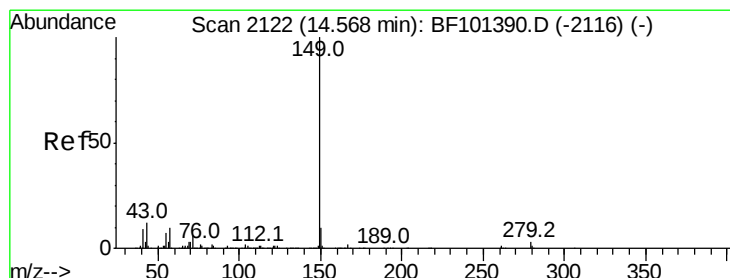
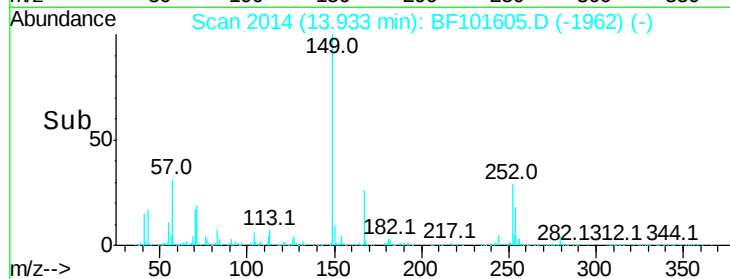
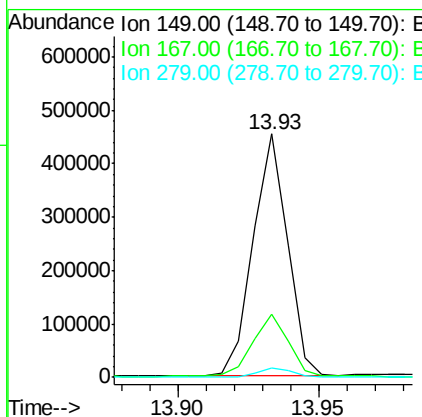
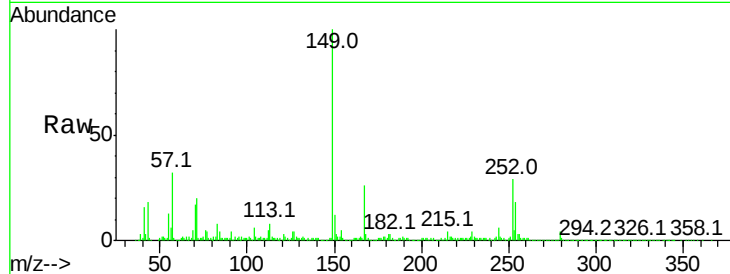
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.925 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	382699		
167	25.9		21.3	31.9
279	3.7		3.0	4.4

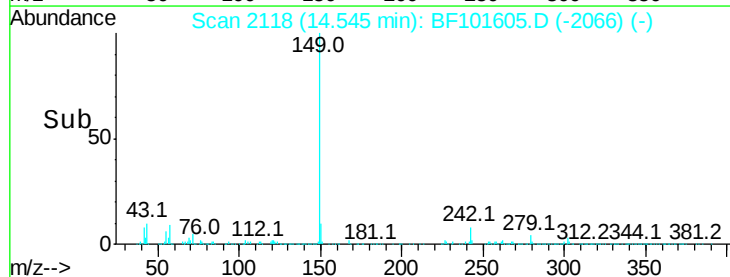
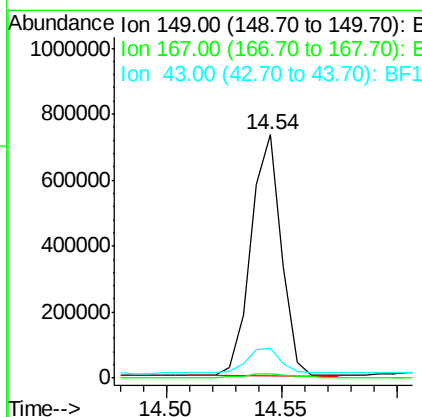
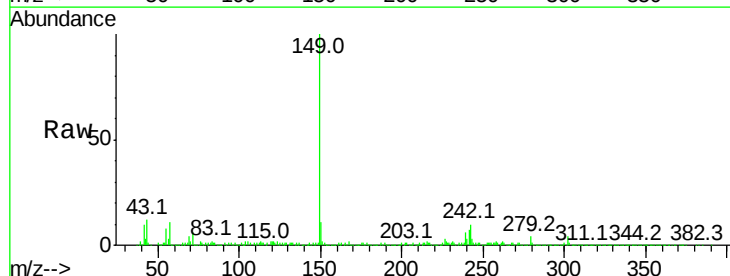
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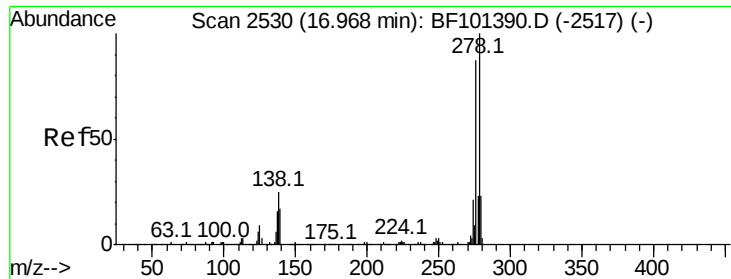
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#84
 Di-n-octyl phthalate
 Concen: 42.057 ng
 RT: 14.54 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	668709		
167	1.9		1.2	1.8#
43	12.5		8.4	12.6





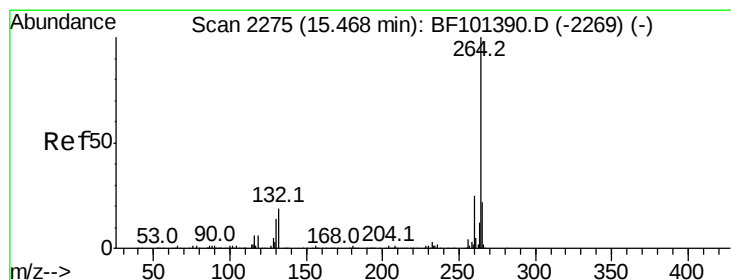
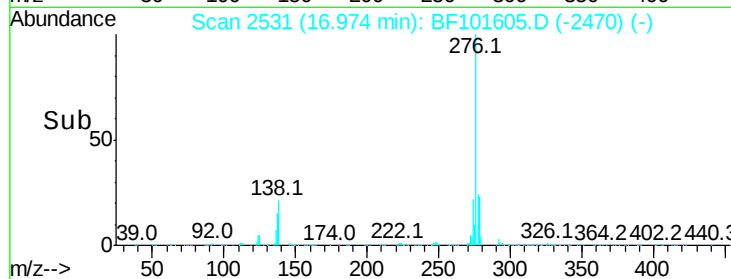
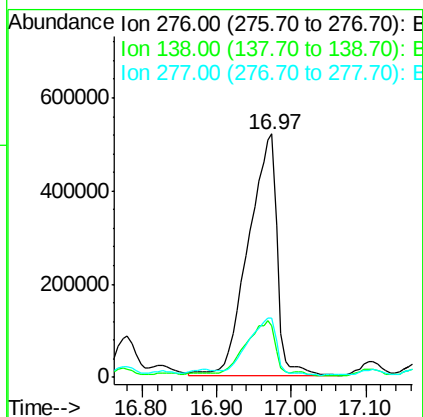
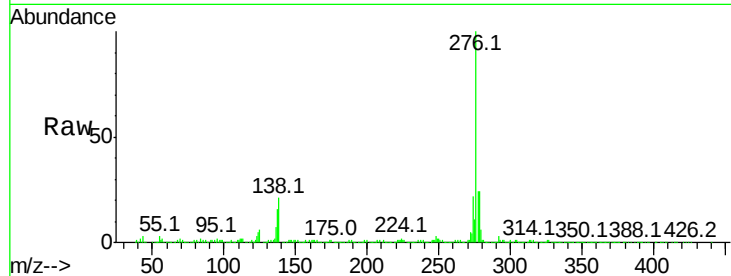
#85
Indeno(1,2,3-cd)pyrene
Concen: 120.572 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.06 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	25.0	37.6#
277	23.9	20.1	30.1

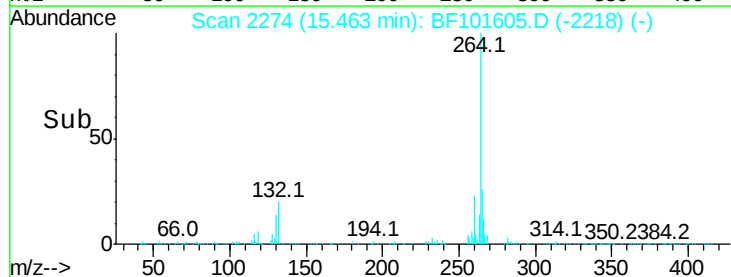
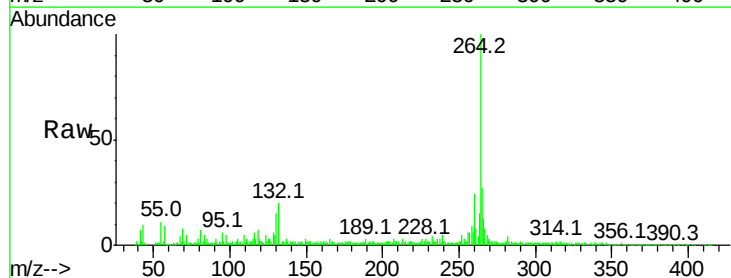
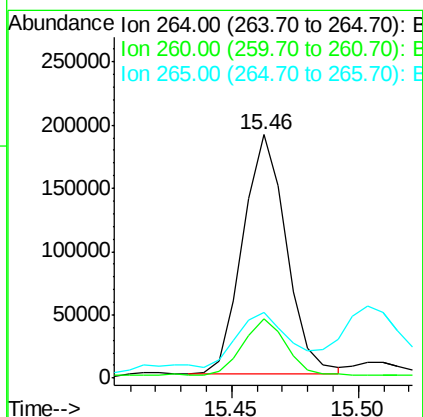
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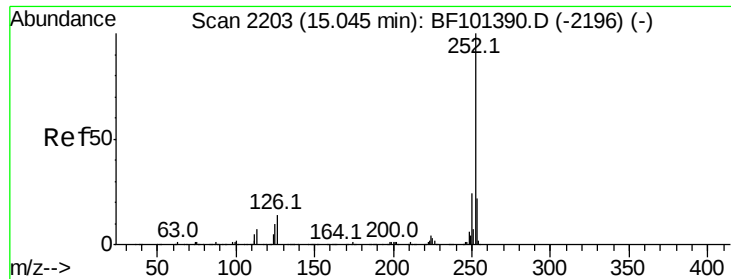
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	27.1	17.5	26.3#





#87

Benzo(b)fluoranthene

Concen: 236.338 ng m

RT: 15.05 min Scan# 2204

Delta R.T. 0.04 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

Instrument :

BNA_F

ClientSampleId :

PL-01-121917-AMSD

Tot Ion:252 Resp: 3261687

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

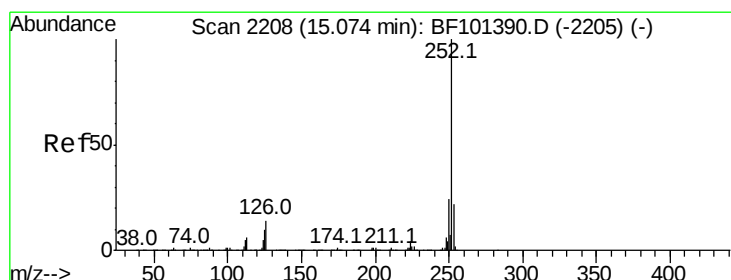
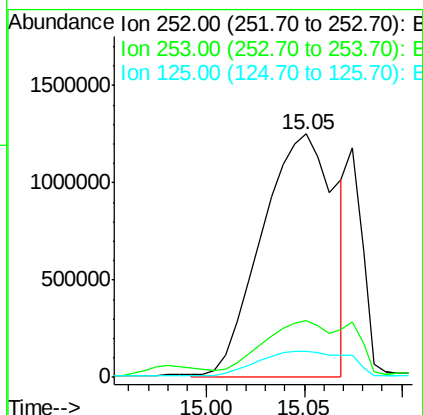
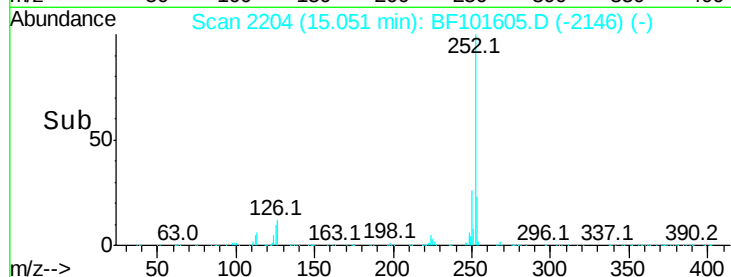
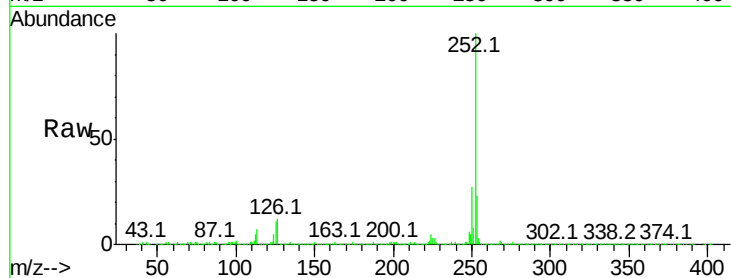
125 10.6 9.0 13.6

Manual Integrations

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#88

Benzo(k)fluoranthene

Concen: 51.688 ng m

RT: 15.07 min Scan# 2208

Delta R.T. 0.04 min

Lab File: BF101605.D

Acq: 21 Dec 2017 14:29

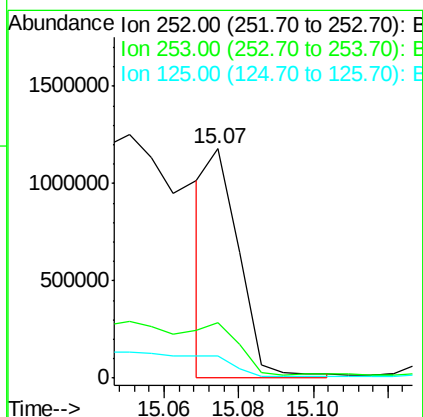
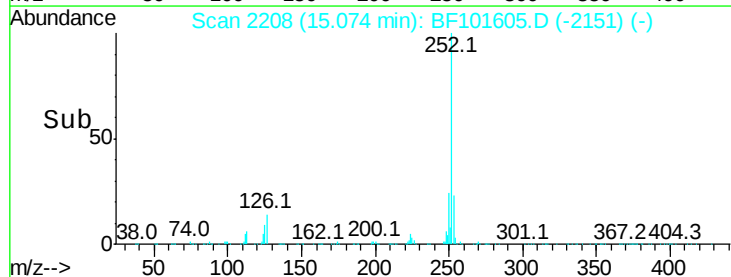
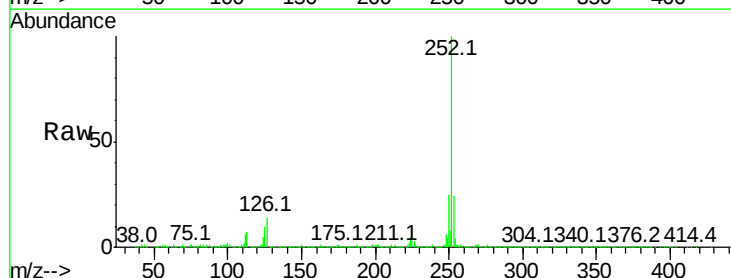
Tgt Ion:252 Resp: 693566

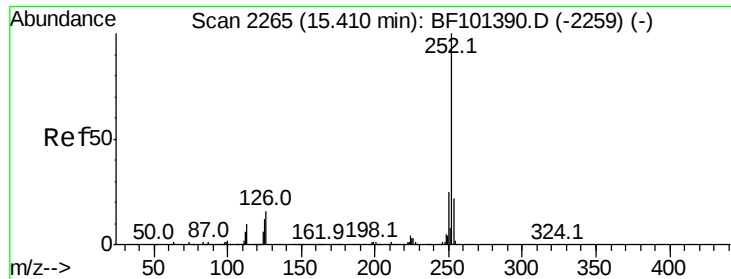
Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

125 9.9 10.2 15.2#





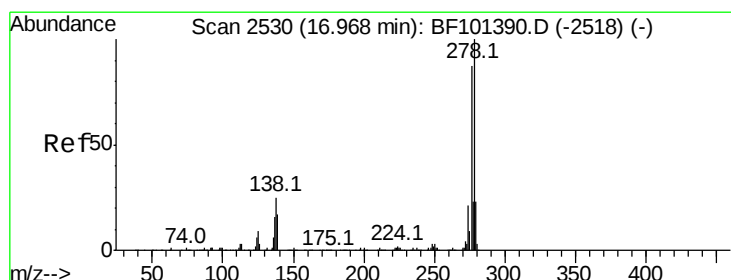
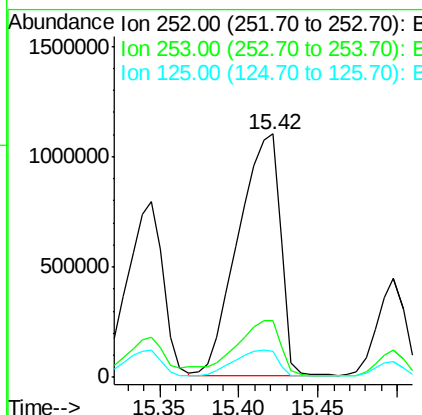
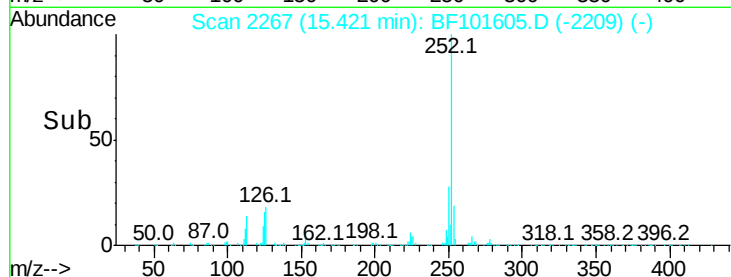
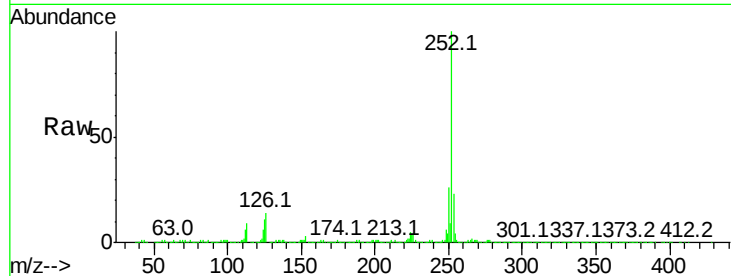
#89
Benzo(a)pyrene
Concen: 160.757 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.04 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Instrument :
BNA_F
ClientSampleId :
PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	10.9	9.8	14.6

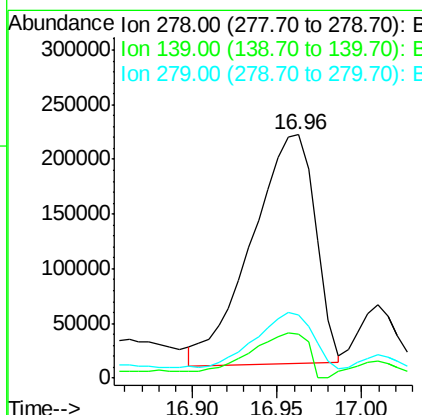
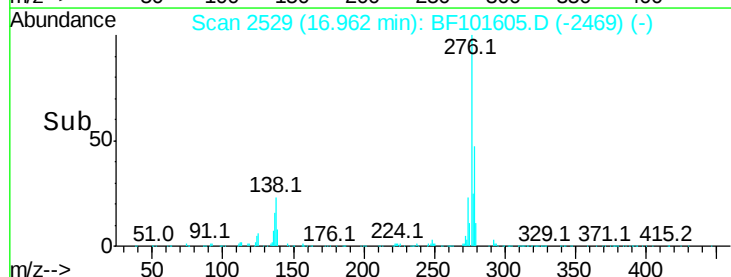
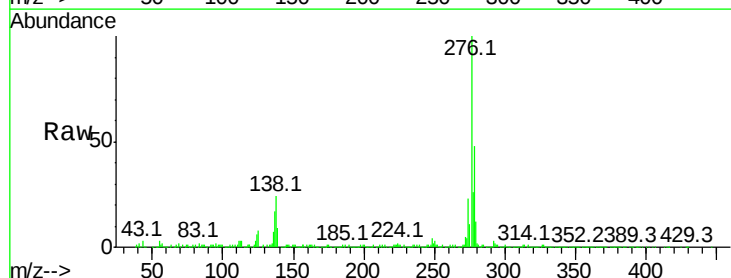
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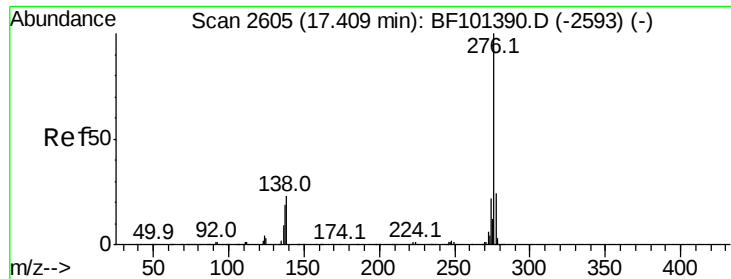
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#90
Dibenzo(a,h)anthracene
Concen: 50.021 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.05 min
Lab File: BF101605.D
Acq: 21 Dec 2017 14:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	25.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 114.433 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.06 min
 Lab File: BF101605.D
 Acq: 21 Dec 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-121917-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	17.9	26.9
138	23.8	21.8	32.8

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