

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101417.D
 Acq On : 15 Dec 2017 2:04
 Operator : SJ/JU
 Sample : I6828-05MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-4-10MS

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:44:54 PM

Quant Time: Dec 15 05:16:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	197252	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	797834	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	359656	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	655237	20.00	ng	0.00
75) Chrysene-d12	14.00	240	428363	20.00	ng	0.00
86) Perylene-d12	15.46	264	384665	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1203664	90.90	ng	0.01
7) Phenol-d6	6.46	99	1479826	89.79	ng	0.00
23) Nitrobenzene-d5	7.39	82	957966	66.84	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	333906	96.35	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1410243	60.83	ng	0.00
78) Terphenyl-d14	12.93	244	1352160	76.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	195226	28.692	ng	97
3) Pyridine	3.40	79	514152	27.197	ng	97
4) n-Nitrosodimethylamine	3.36	42	281593	32.351	ng	96
6) Aniline	6.49	93	262399	11.457	ng	90
8) 2-Chlorophenol	6.60	128	445936	32.013	ng	97
9) Benzaldehyde	6.37	77	152197	12.505	ng	99
10) Phenol	6.47	94	626382	33.347	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	468059	31.767	ng	97
12) 1,3-Dichlorobenzene	6.76	146	488092	31.046	ng	99
13) 1,4-Dichlorobenzene	6.83	146	496311	30.914	ng	99
14) 1,2-Dichlorobenzene	6.99	146	455643	31.530	ng	97
15) Benzyl Alcohol	6.96	79	354177	31.223	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	792337	35.138	ng	81
17) 2-Methylphenol	7.07	107	388378	30.310	ng	95
18) Hexachloroethane	7.32	117	173828	31.142	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	319199	29.493	ng	95
20) 3+4-Methylphenols	7.23	107	474405	34.939	ng	# 63
22) Acetophenone	7.23	105	579177	31.815	ng	# 88
24) Nitrobenzene	7.40	77	514449	32.432	ng	98
25) Isophorone	7.64	82	960554	33.408	ng	97
26) 2-Nitrophenol	7.72	139	247902	36.377	ng	97
27) 2,4-Dimethylphenol	7.76	122	414836	35.831	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	596738	32.673	ng	99
29) 2,4-Dichlorophenol	7.96	162	398320	34.824	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	387105	32.070	ng	97
31) Naphthalene	8.12	128	1300584	32.380	ng	100
32) Benzoic acid	7.86	122	21025	10.209	ng	99
33) 4-Chloroaniline	8.17	127	101644	5.822	ng	98
34) Hexachlorobutadiene	8.23	225	216219	30.971	ng	99
35) Caprolactam	8.55	113	132690m	33.409	ng	
36) 4-Chloro-3-methylphenol	8.67	107	416437	33.125	ng	100
37) 2-Methylnaphthalene	8.81	142	854785	32.664	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	369698	30.446	ng	98
40) Hexachlorocyclopentadiene	8.96	237	79594	44.548	ng	99

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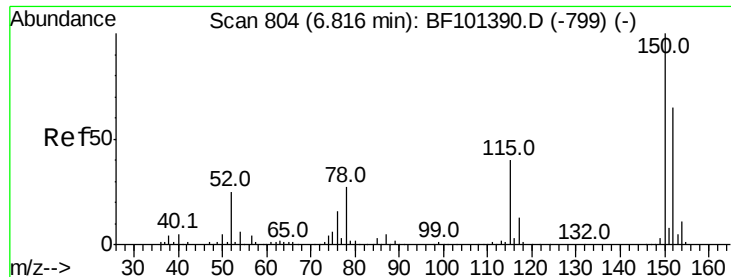
Manual Integrations
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Sohil
 12/15/2017 6:44:54 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	252533	34.544	nq	100
43) 2,4,5-Trichlorophenol	9.15	196	266970	33.353	nq	96
45) 1,1'-Biphenyl	9.27	154	973562	30.523	nq	99
46) 2-Chloronaphthalene	9.30	162	779045	31.921	nq	97
47) 2-Nitroaniline	9.41	65	282716	33.533	nq	93
48) Acenaphthylene	9.72	152	1163178	30.175	nq	100
49) Dimethylphthalate	9.57	163	989956	34.220	nq	99
50) 2,6-Dinitrotoluene	9.65	165	197002	33.505	nq	94
51) Acenaphthene	9.89	154	699824	30.218	nq	100
52) 3-Nitroaniline	9.82	138	101744	13.879	nq	99
53) 2,4-Dinitrophenol	9.95	184	35262	25.318	nq #	17
54) Dibenzofuran	10.06	168	955893	32.478	nq	98
55) 4-Nitrophenol	10.00	139	226832	70.964	nq	92
56) 2,4-Dinitrotoluene	10.06	165	224791	33.933	nq #	82
57) Fluorene	10.40	166	800068	32.134	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	218896	38.063	nq	87
59) Diethylphthalate	10.27	149	876463	30.594	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	381633	31.983	nq	94
61) 4-Nitroaniline	10.44	138	192725	26.156	nq	97
62) Azobenzene	10.56	77	910185	30.670	nq	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	75631	22.619	nq	94
65) n-Nitrosodiphenylamine	10.52	169	763646	31.563	nq	96
66) 4-Bromophenyl-phenylether	10.89	248	243967	33.137	nq #	85
67) Hexachlorobenzene	10.96	284	248955	31.949	nq #	90
68) Atrazine	11.05	200	235171	32.599	nq	97
69) Pentachlorophenol	11.16	266	203628	68.249	nq	96
70) Phenanthrene	11.37	178	1166663	32.017	nq	99
71) Anthracene	11.43	178	1192323	32.033	nq	99
72) Carbazole	11.58	167	1095336	31.431	nq	99
73) Di-n-butylphthalate	11.90	149	1335902	31.584	nq	100
74) Fluoranthene	12.56	202	1194284	31.225	nq	99
76) Benzidine	12.69	184	323772	17.896	nq	98
77) Pyrene	12.79	202	1195155	37.176	nq	100
79) Butylbenzylphthalate	13.40	149	553701	38.064	nq	99
80) Benzo(a)anthracene	13.99	228	931060	32.917	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	196201	21.273	nq #	97
82) Chrysene	14.02	228	849773	31.819	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	712926	38.694	nq	100
84) Di-n-octyl phthalate	14.56	149	1120162	34.090	nq	97
85) Indeno(1,2,3-cd)pyrene	16.96	276	750507	31.558	nq	96
87) Benzo(b)fluoranthene	15.04	252	781639	33.338	nq	98
88) Benzo(k)fluoranthene	15.06	252	690888	30.307	nq	98
89) Benzo(a)pyrene	15.40	252	709182	32.811	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	639842	34.479	nq	97
91) Benzo(g,h,i)perylene	17.39	276	645510	35.128	nq	96

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



#1

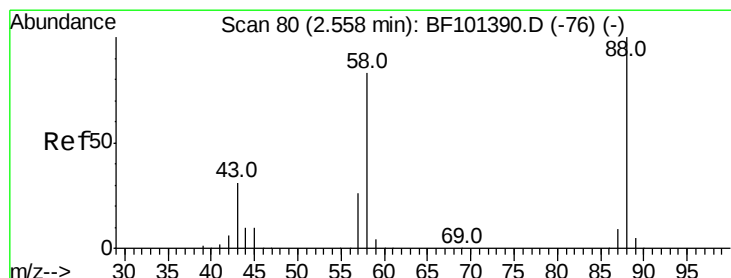
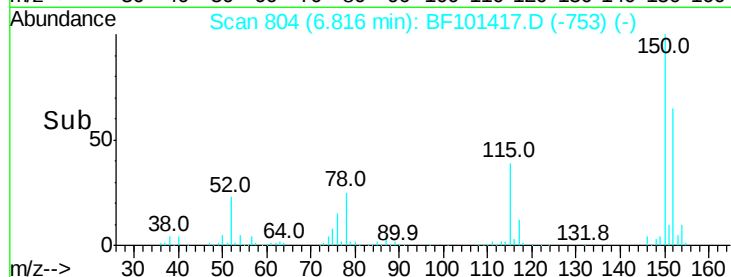
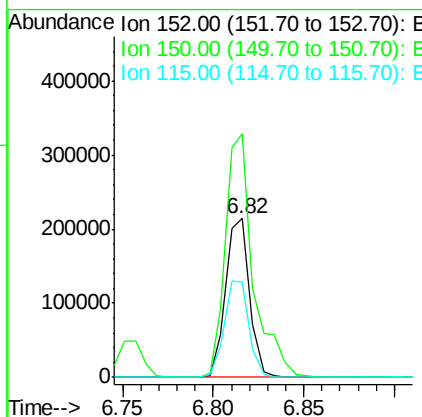
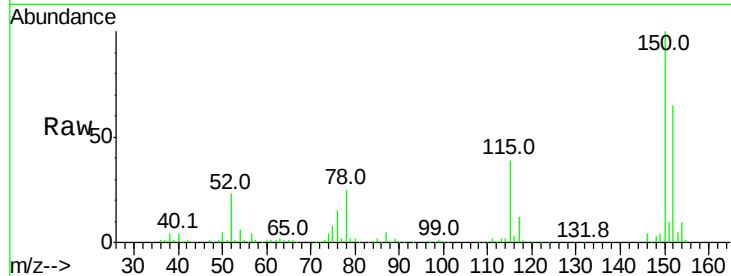
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.6	186.8
115	60.2	50.1	75.1

Manual Integrations
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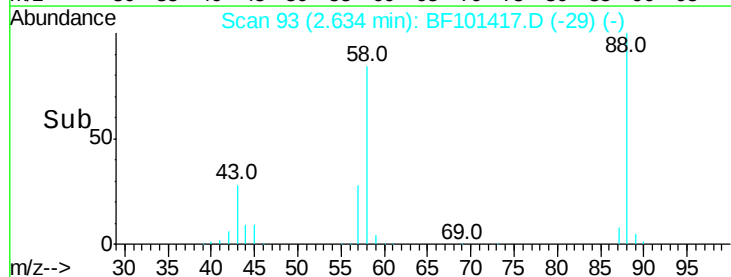
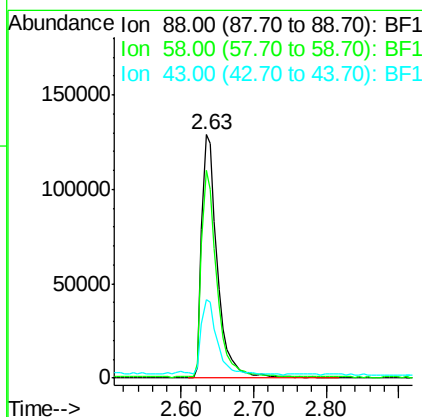
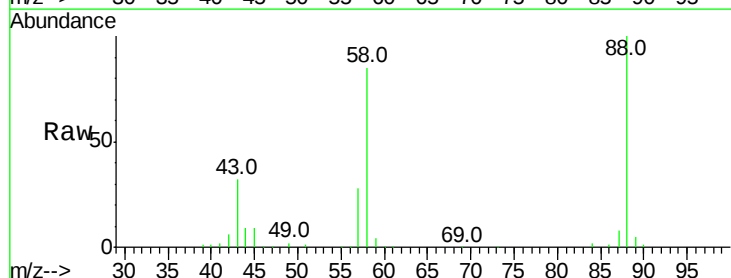
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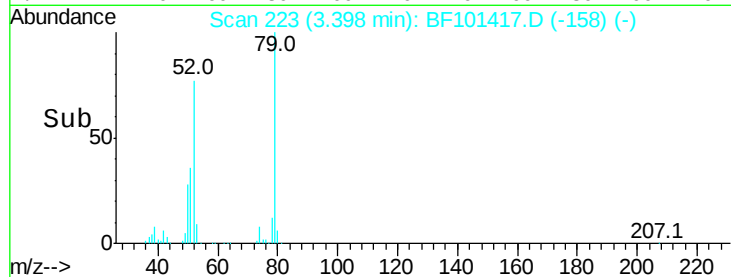
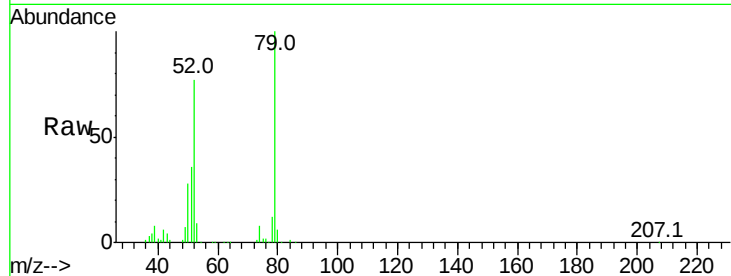
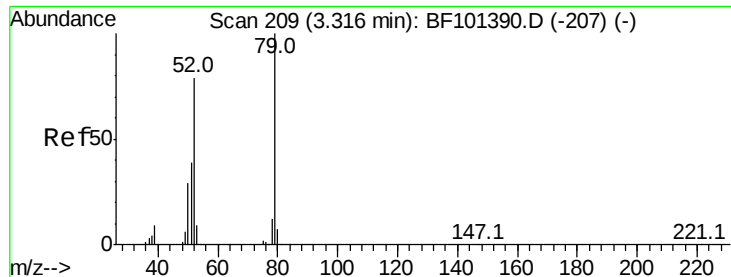


#2

1,4-Dioxane
Concen: 28.692 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.08 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	62.6	93.8
43	31.4	24.6	37.0





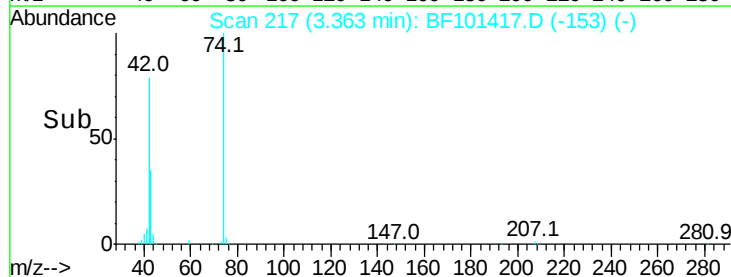
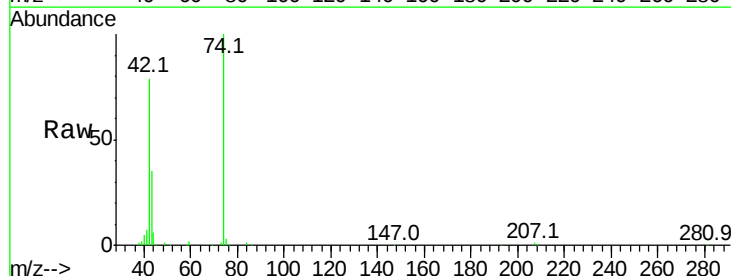
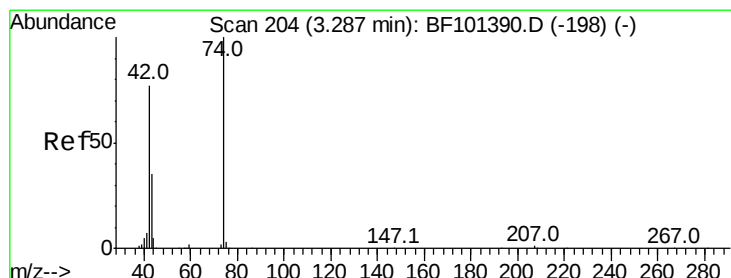
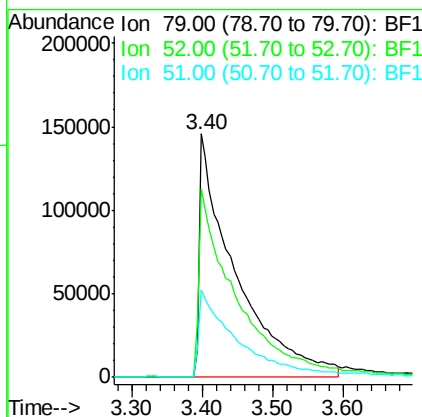
#3
Pvridine
Concen: 27.197 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.08 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	77.5	59.8	89.6
51	36.2	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

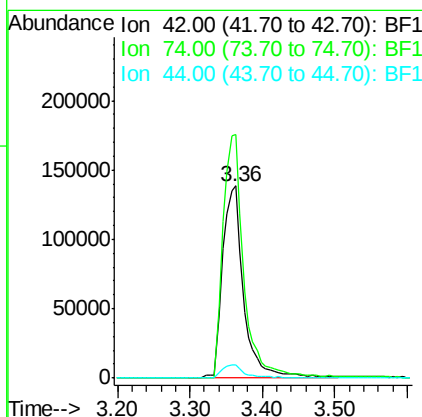
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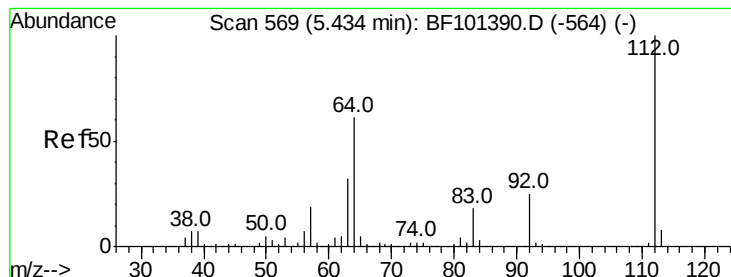
Sohil
12/15/2017 6:44:54 PM



#4
n-Nitrosodimethylamine
Concen: 32.351 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.08 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	126.8	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 90.897 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

DBEW-2-4-10MS

Tot Ion: 112 Resp: 1203664

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

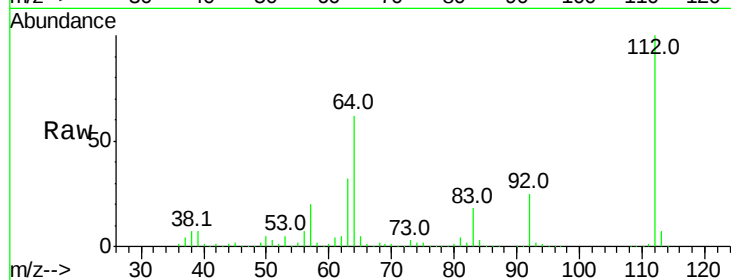
63 32.4 23.7 35.5

Manual Integrations

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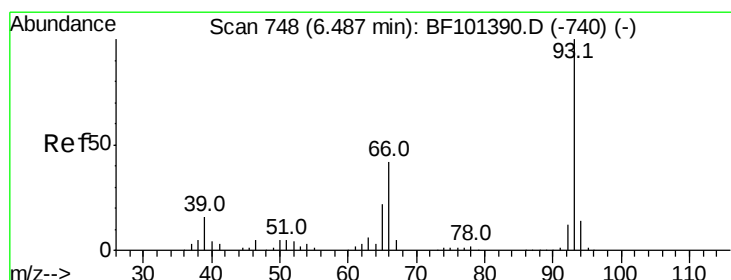
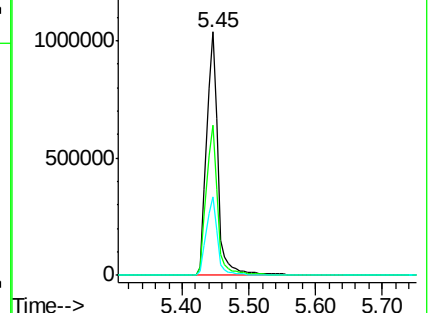
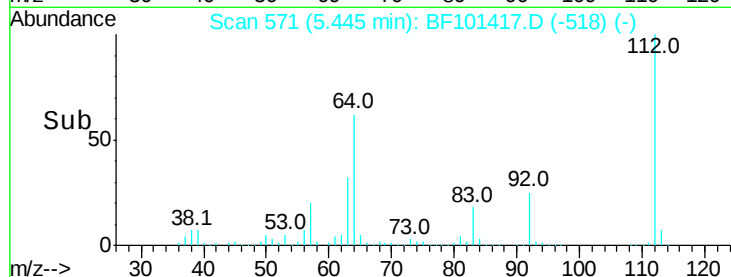
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.457 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

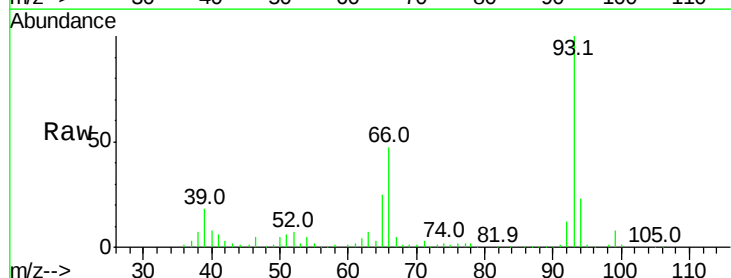
Tgt Ion: 93 Resp: 262399

Ion Ratio Lower Upper

93 100

66 46.5 32.2 48.2

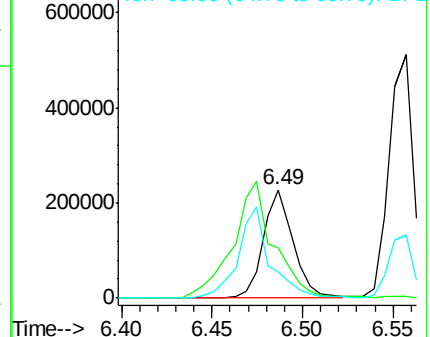
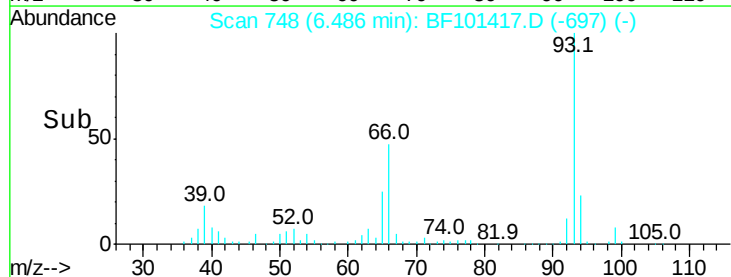
65 24.5 16.4 24.6

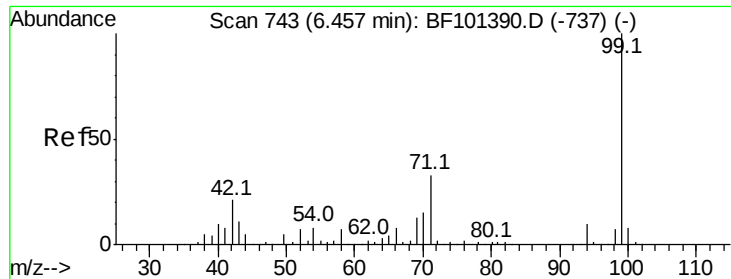


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.793 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

DBEW-2-4-10MS

Tot Ion: 99 Resp: 1479826

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

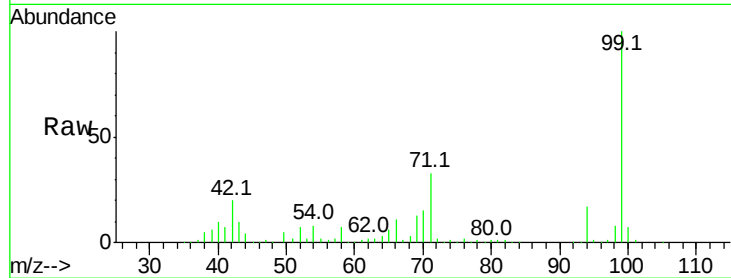
71 32.6 25.4 38.0

Manual Integrations

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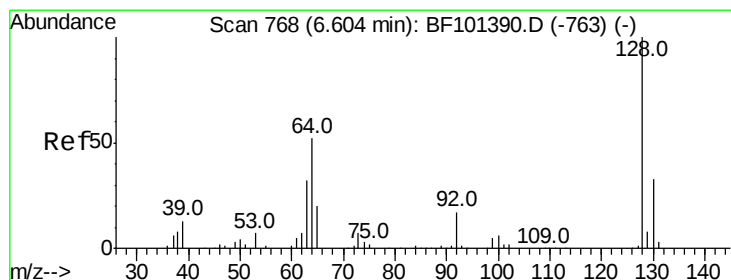
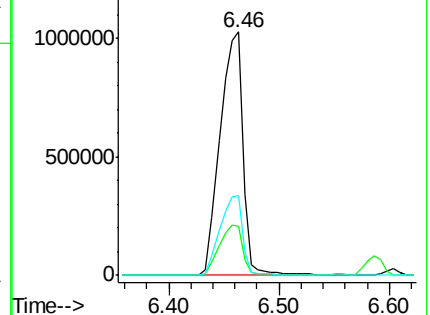
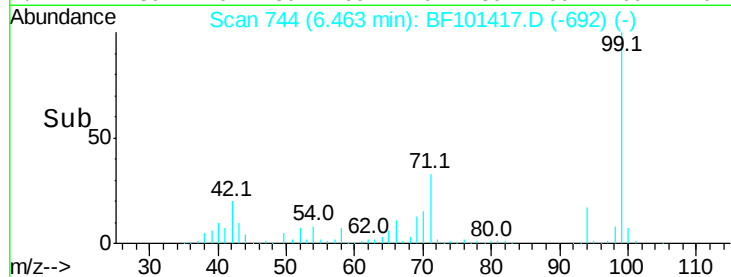
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.013 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

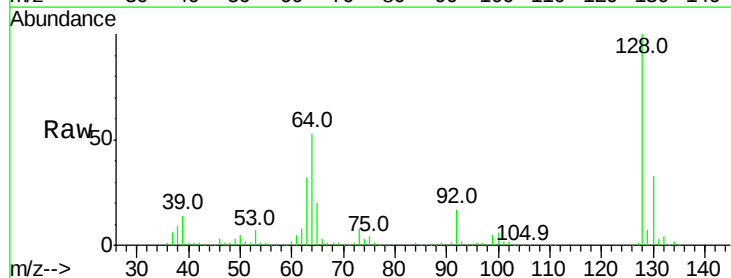
Tgt Ion: 128 Resp: 445936

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

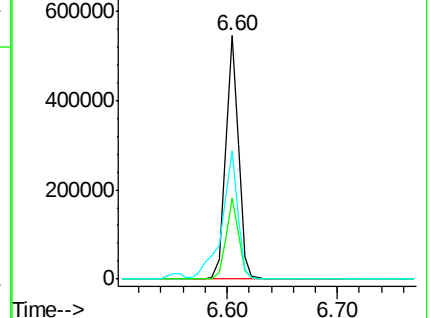
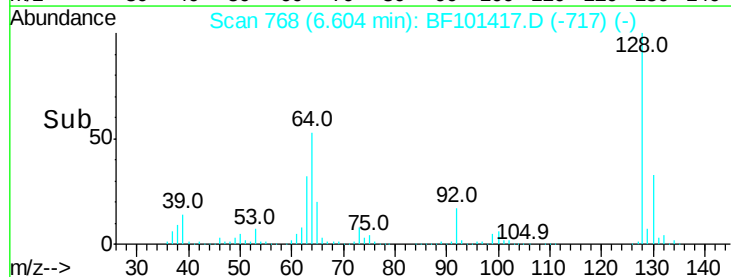
64 52.7 29.4 69.4

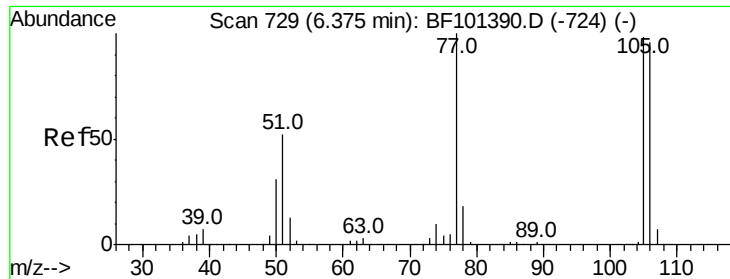


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.505 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

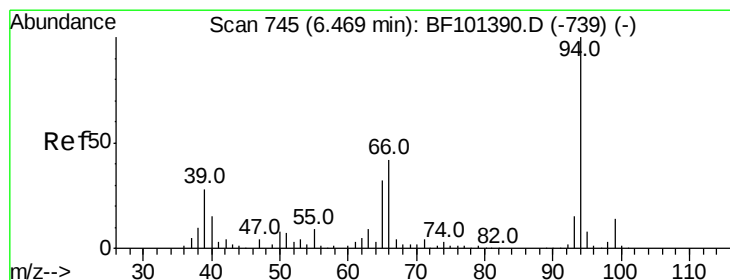
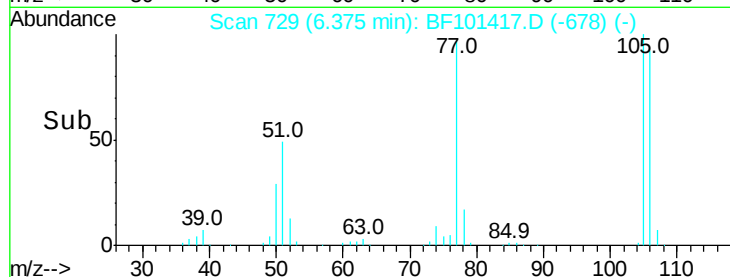
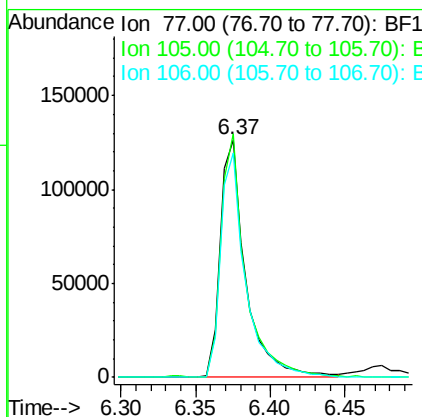
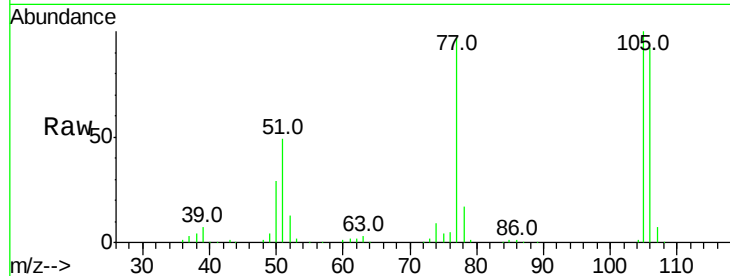
ClientSampleId :

DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.1	121.1
106	94.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 33.347 ng

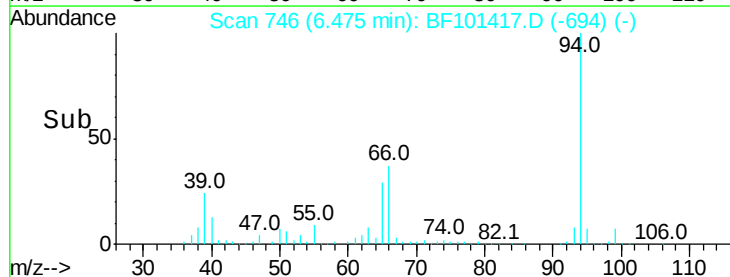
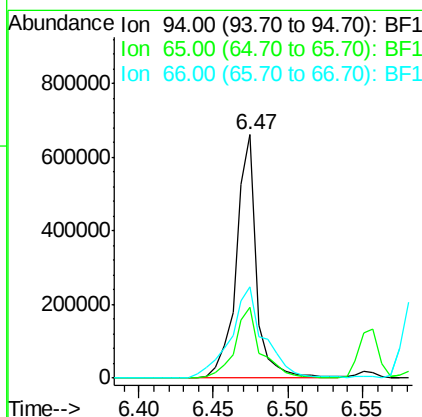
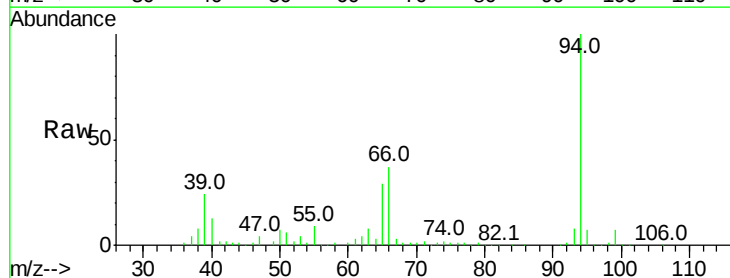
RT: 6.47 min Scan# 746

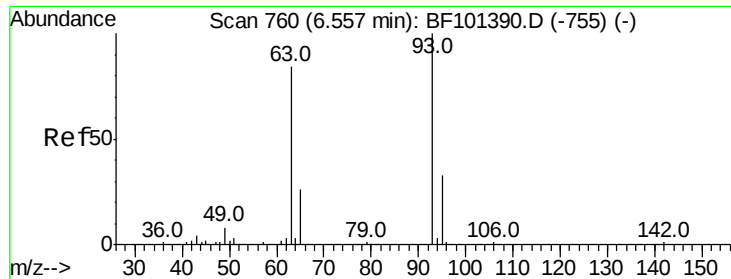
Delta R.T. 0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	37.3	16.2	56.2





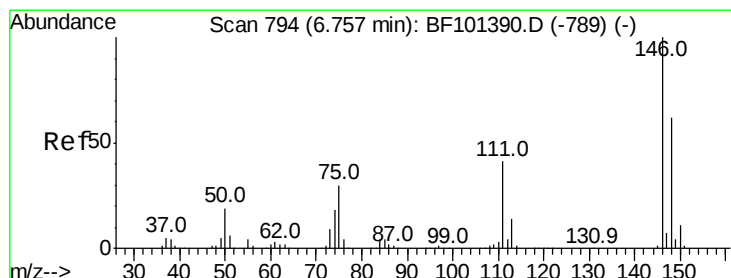
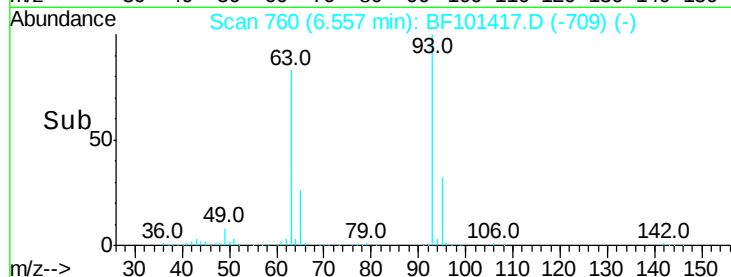
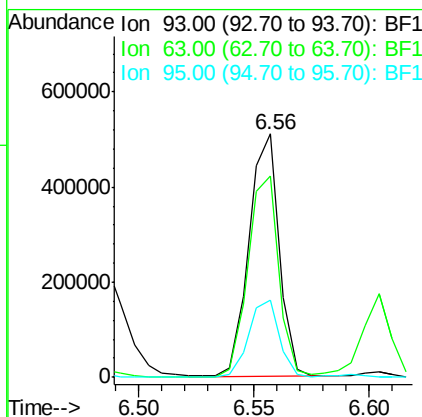
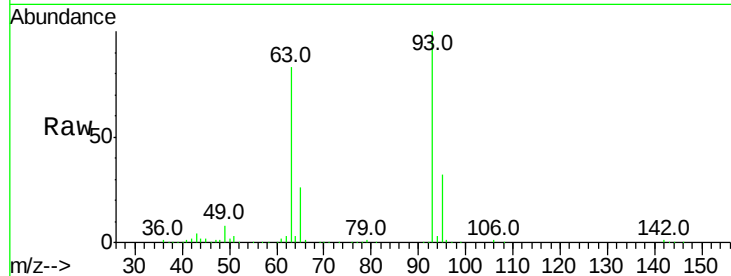
#11
bis(2-Chloroethyl)ether
Concen: 31.767 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	58.6	98.6
95	32.0	11.8	51.8

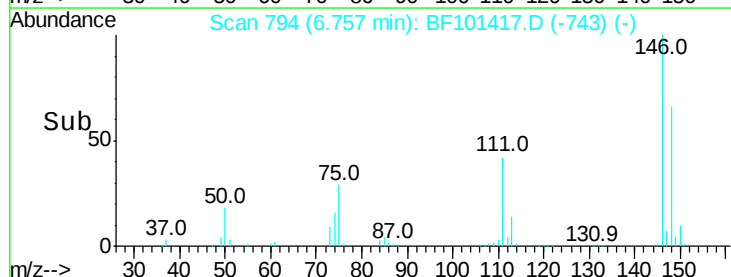
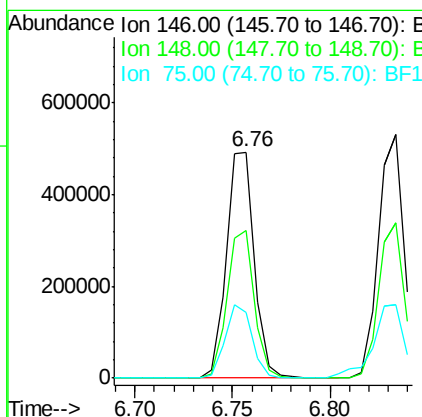
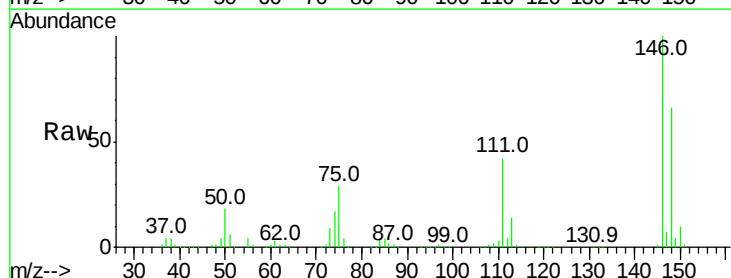
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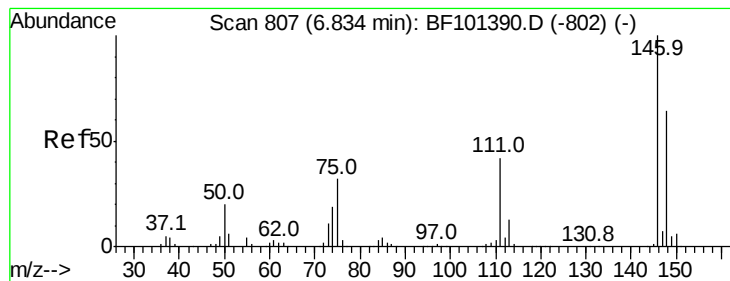
Sohil
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#12
1,3-Dichlorobenzene
Concen: 31.046 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.8
75	29.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 30.914 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

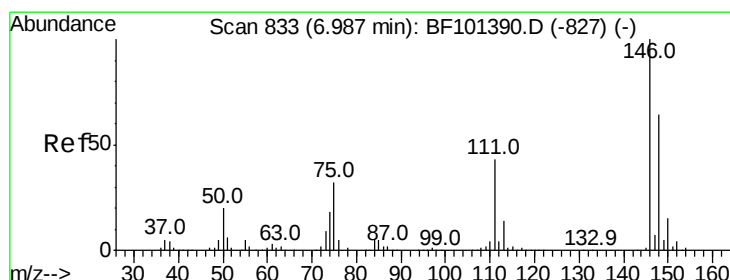
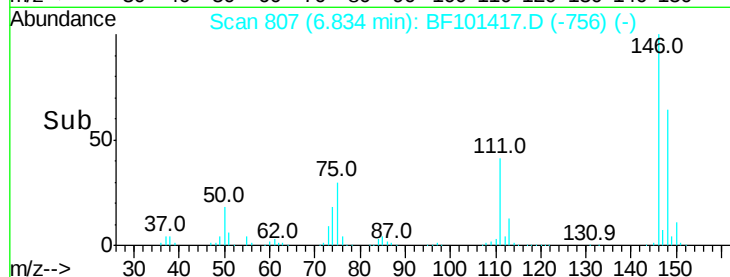
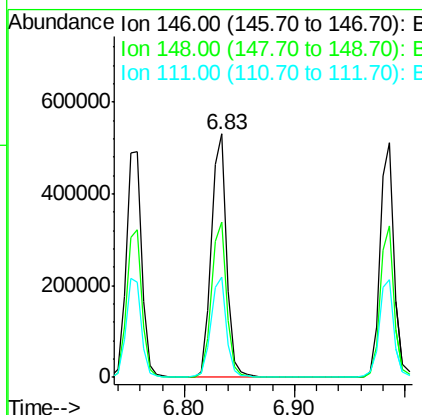
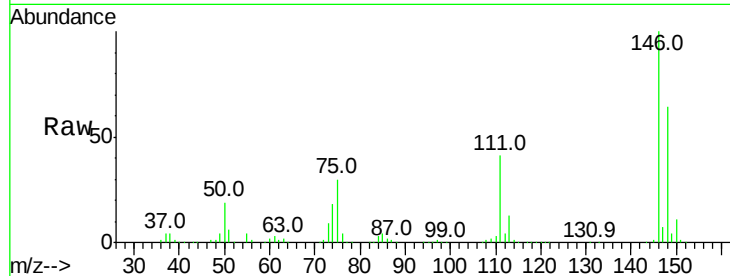
ClientSampleId :

DBEW-2-4-10MS

Tot Ion:	146	Resp:	496311
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	41.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 31.530 ng

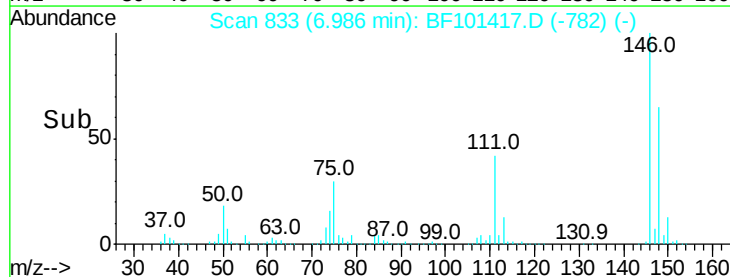
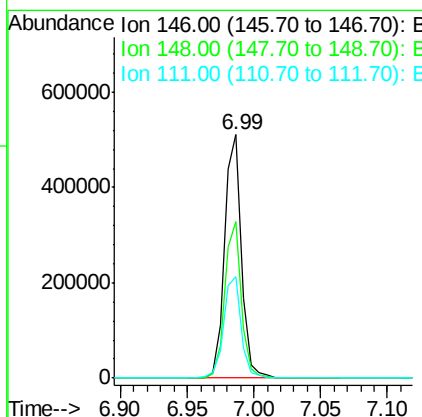
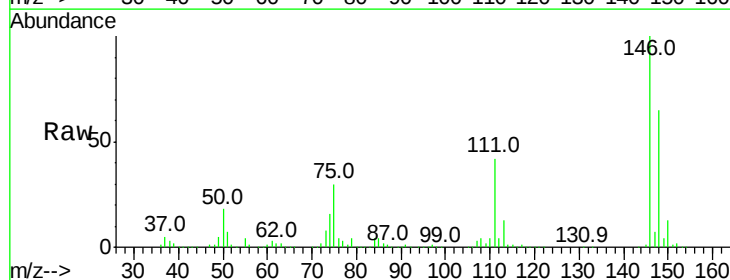
RT: 6.99 min Scan# 833

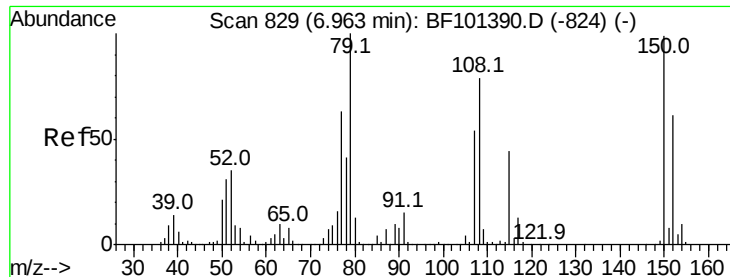
Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:	146	Resp:	455643
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
111	41.9	36.0	54.0





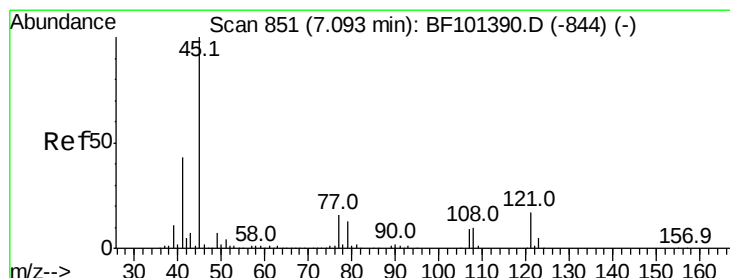
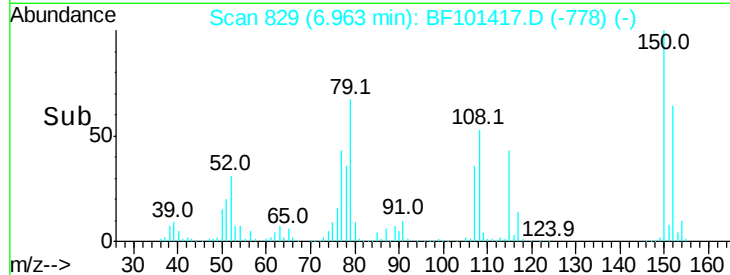
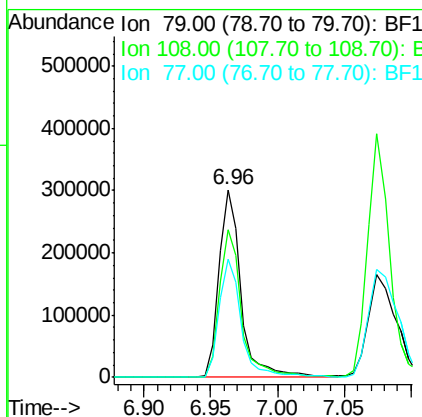
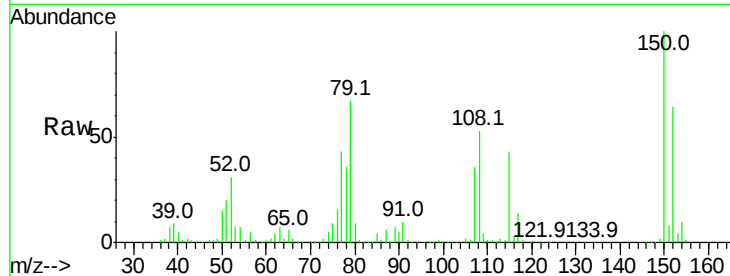
#15
Benzyl Alcohol
Concen: 31.223 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	65.1	97.7
77	63.3	50.6	75.8

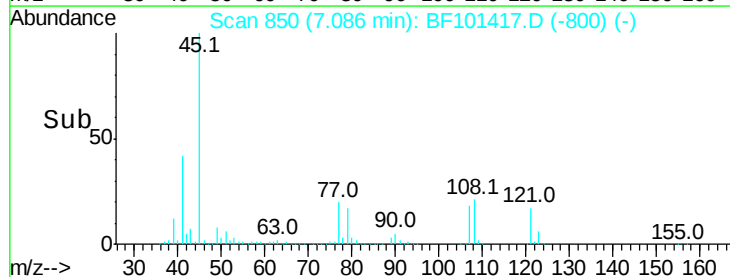
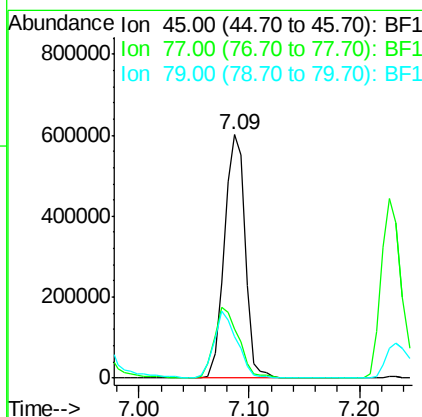
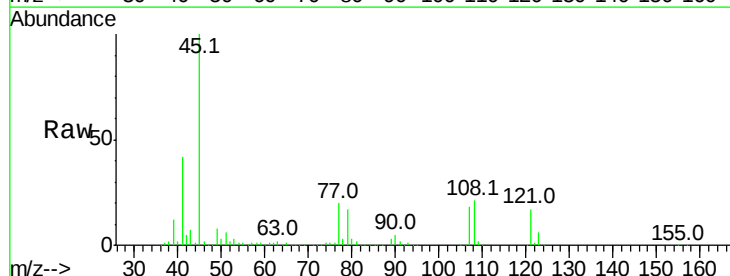
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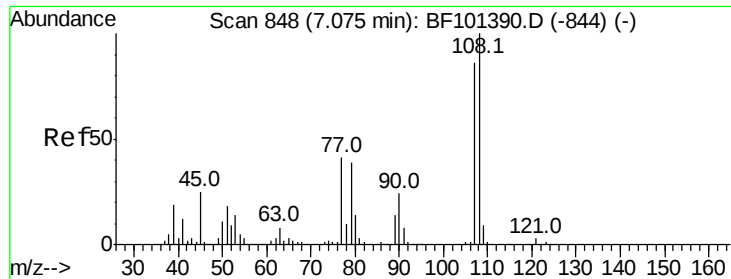
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.138 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.0	0.0	32.9
79	16.8	0.0	29.6





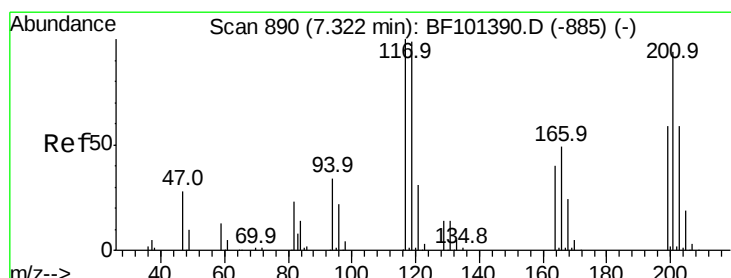
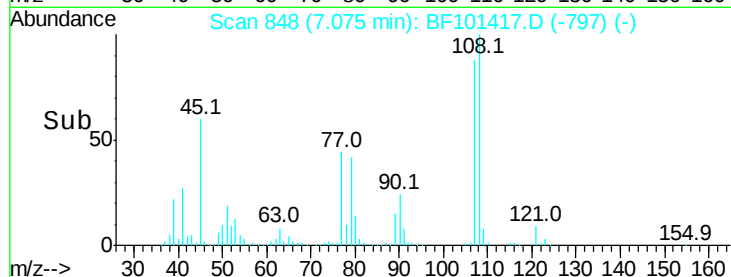
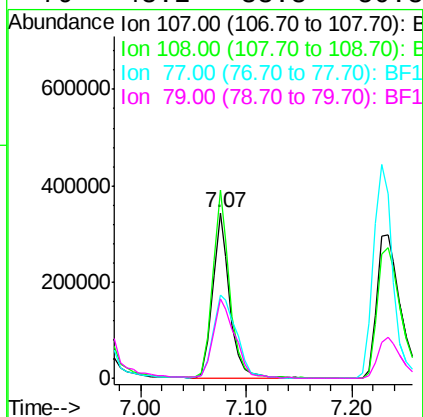
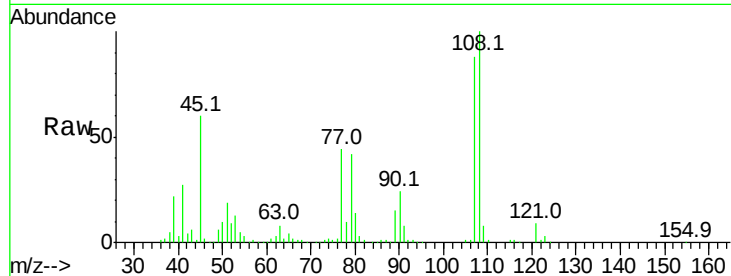
#17
2-Methylphenol
Concen: 30.310 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	91.7	137.5	
77	50.6	33.8	50.8	
79	48.2	33.8	50.8	

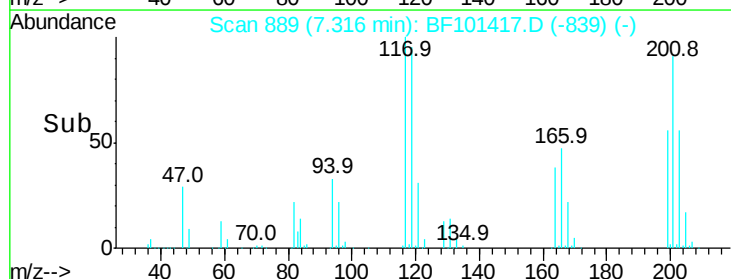
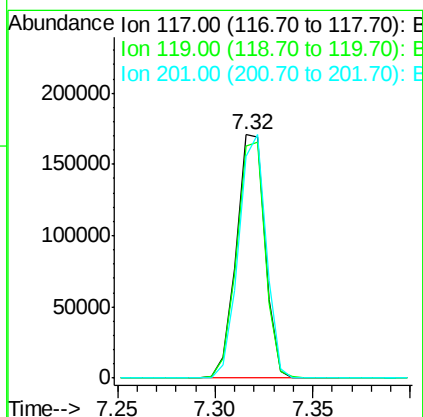
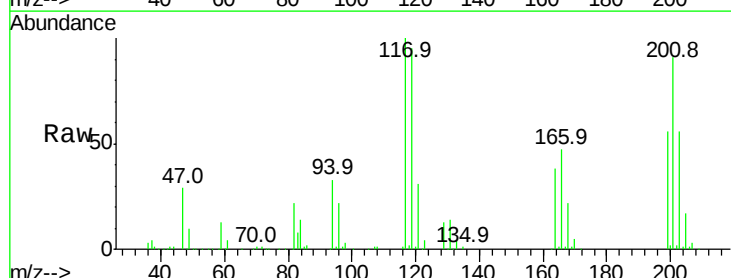
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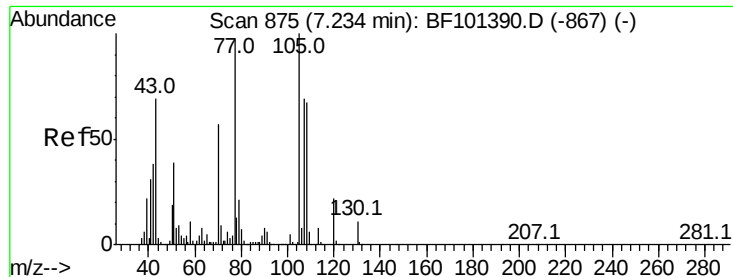
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#18
Hexachloroethane
Concen: 31.142 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	75.8	113.8	
201	91.2	75.7	113.5	





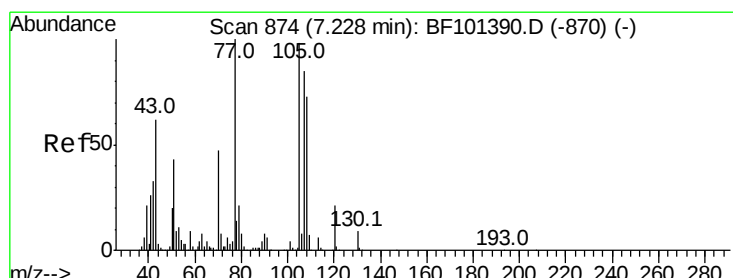
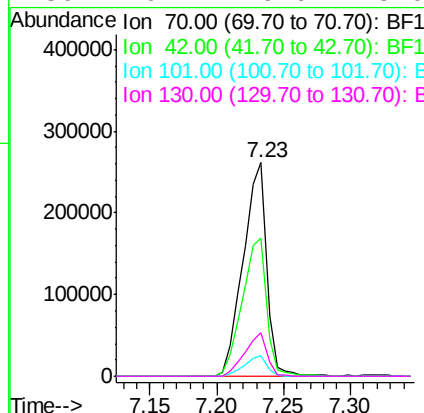
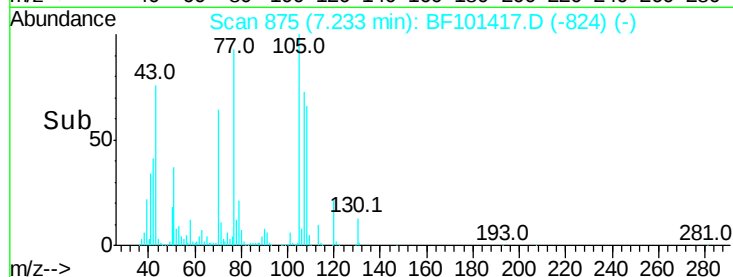
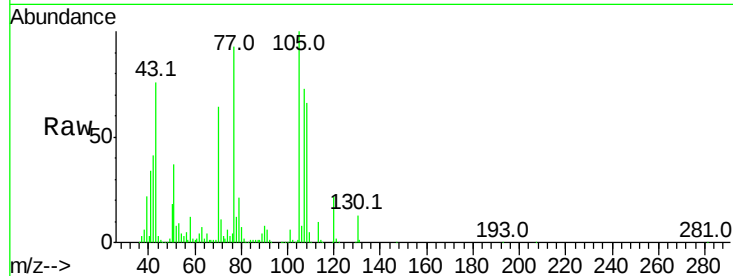
#19
n-Nitroso-di-n-propylamine
Concen: 29.493 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.5	71.3
101	9.6	7.4	11.2
130	20.7	16.6	25.0

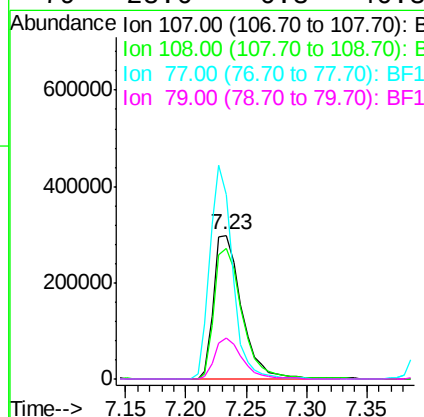
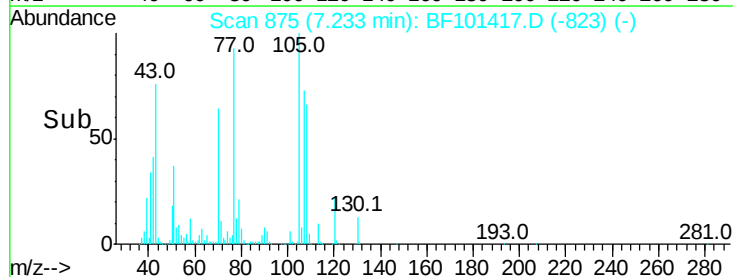
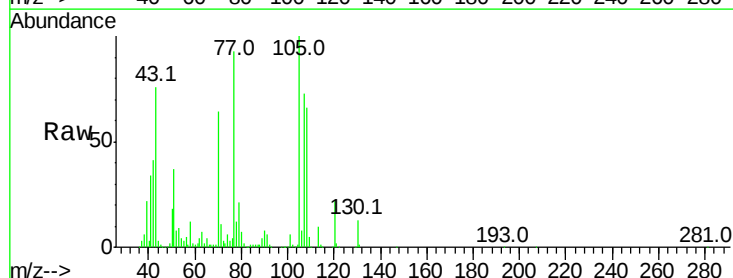
Manual Integrations
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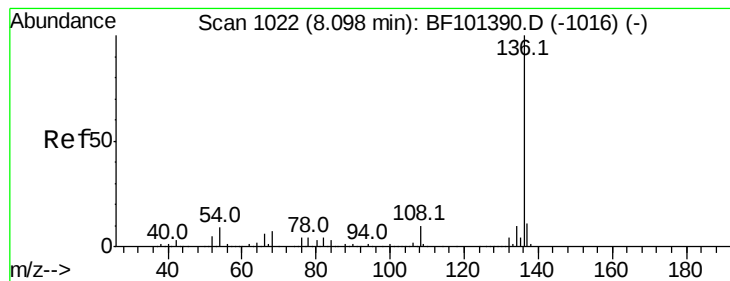
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#20
3+4-Methylphenols
Concen: 34.939 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	127.9	26.7	66.7#
79	28.6	6.3	46.3





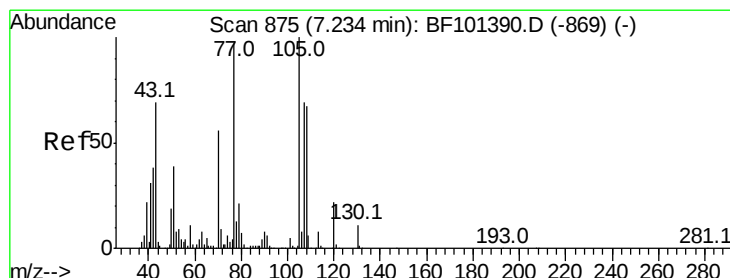
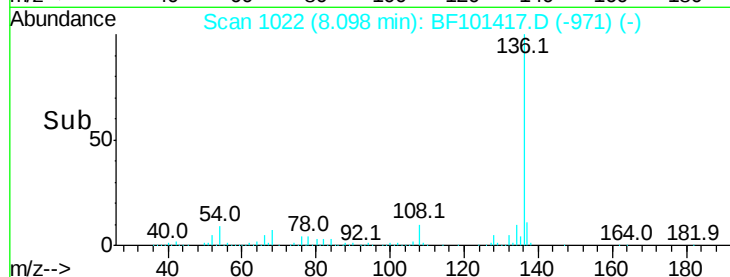
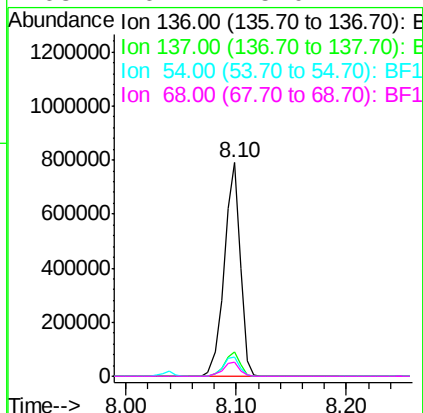
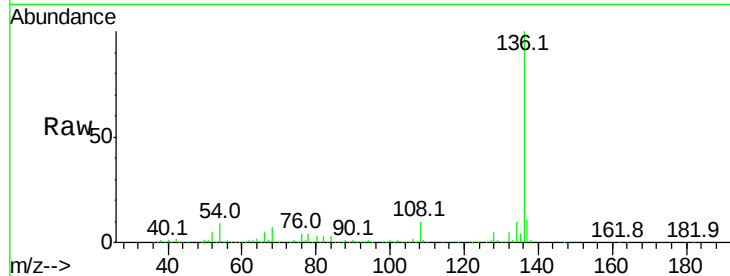
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3		8.9	13.3	
54	8.9		6.6	9.8	
68	6.7		5.0	7.4	

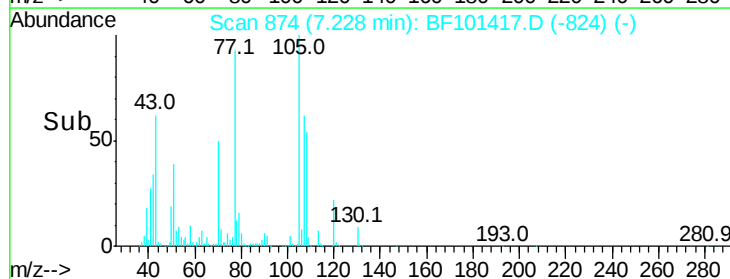
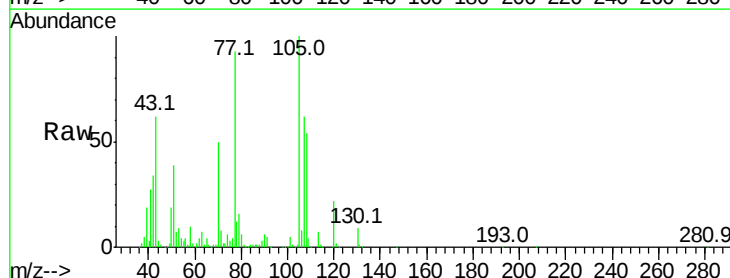
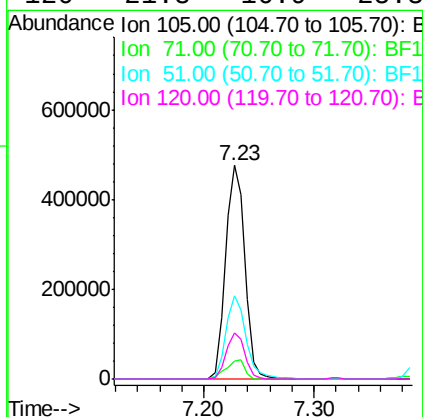
Manual Integrations
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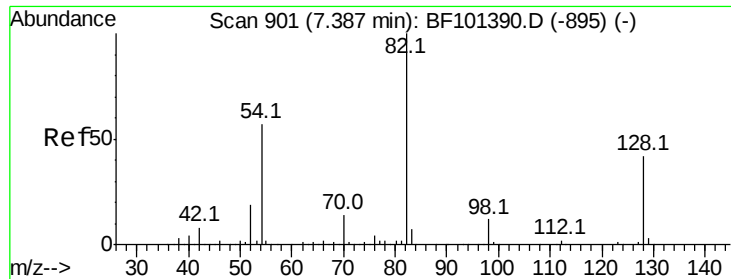
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#22
Acetophenone
Concen: 31.815 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	8.5		4.4	6.6#	
51	38.7		22.3	33.5#	
120	21.8		16.9	25.3	





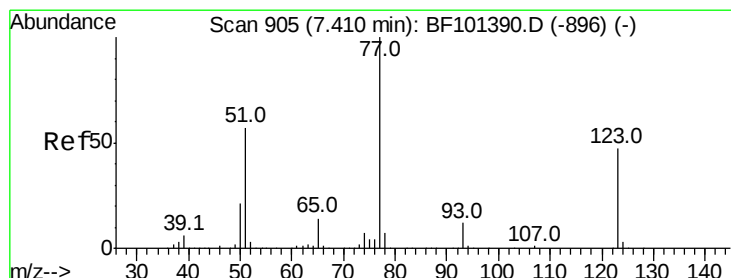
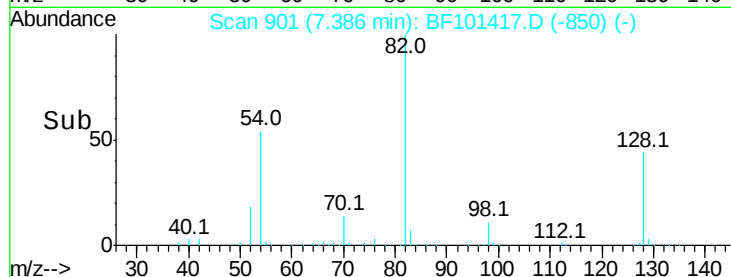
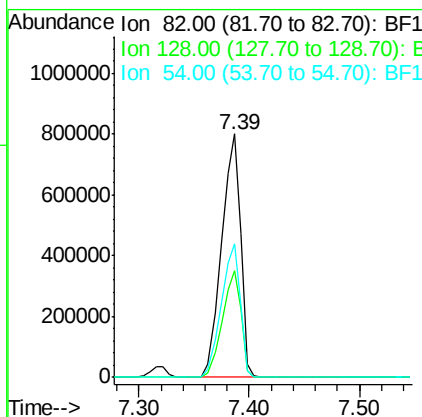
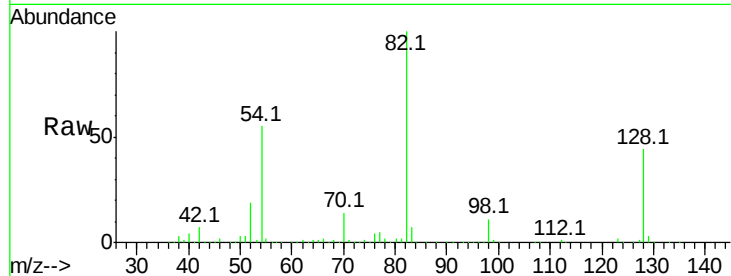
#23
 Nitrobenzene-d5
 Concen: 66.838 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-4-10MS

Tot Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.8	36.1	54.1
54	55.1	41.4	62.2

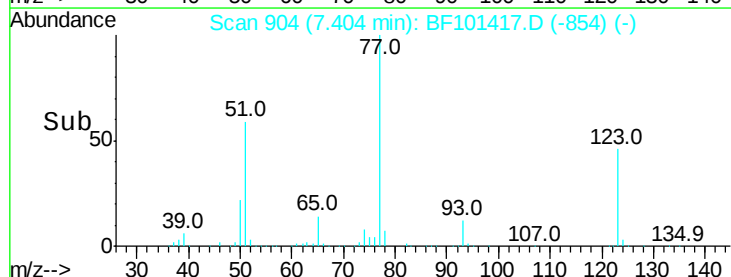
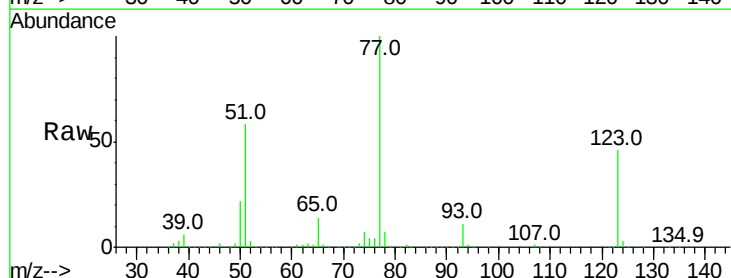
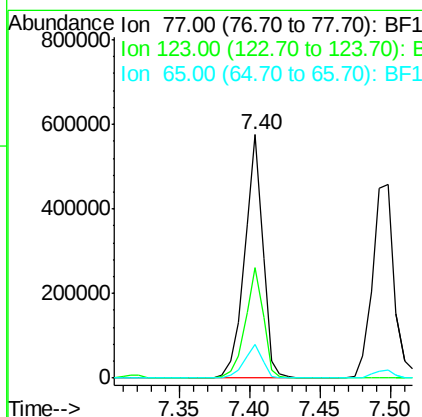
Manual Integrations
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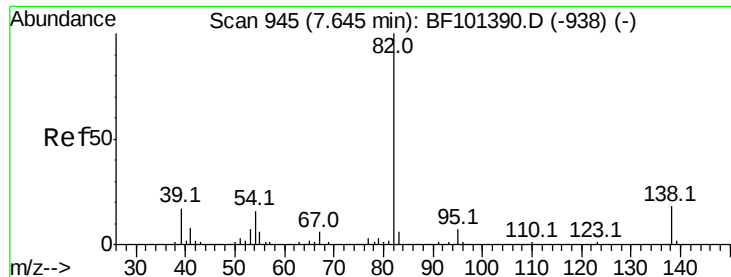
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#24
 Nitrobenzene
 Concen: 32.432 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	45.6	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 33.408 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

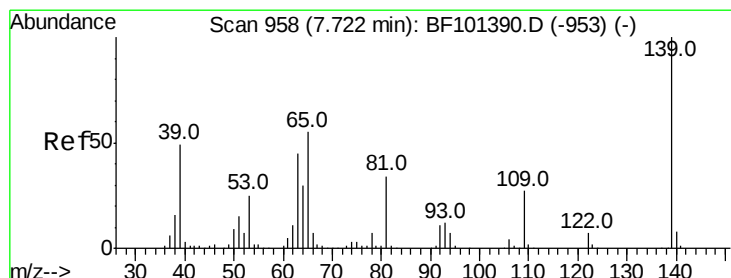
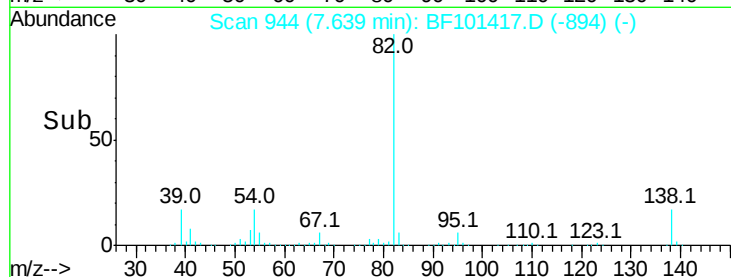
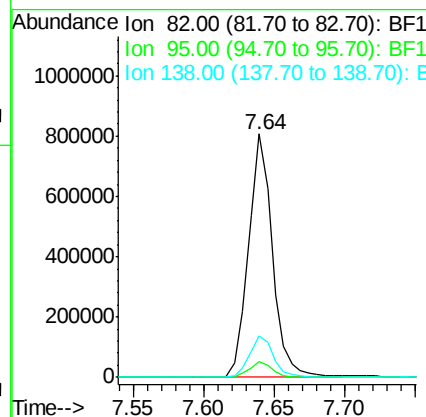
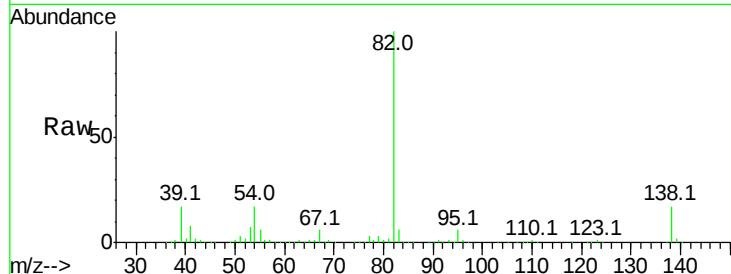
ClientSampleId :

DBEW-2-4-10MS

Tot Ion:	82	Resp:	960554
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	17.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 36.377 ng

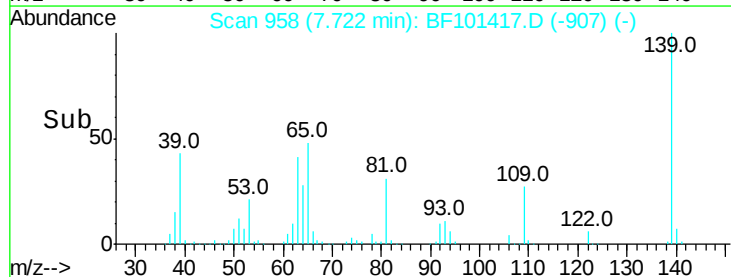
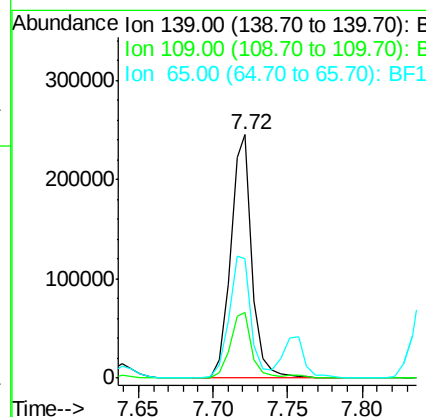
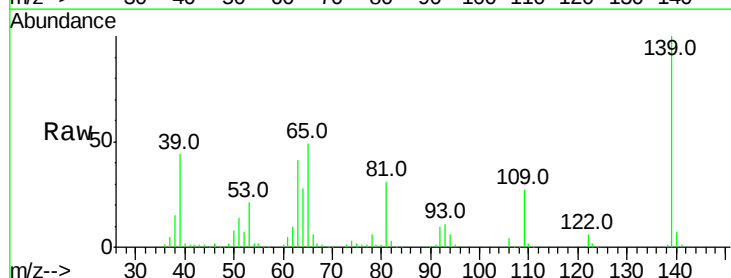
RT: 7.72 min Scan# 958

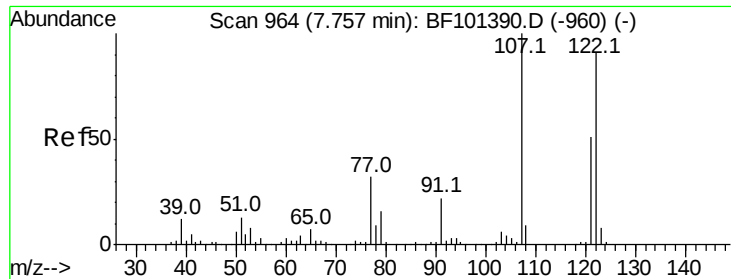
Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:	139	Resp:	247902
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	48.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 35.831 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

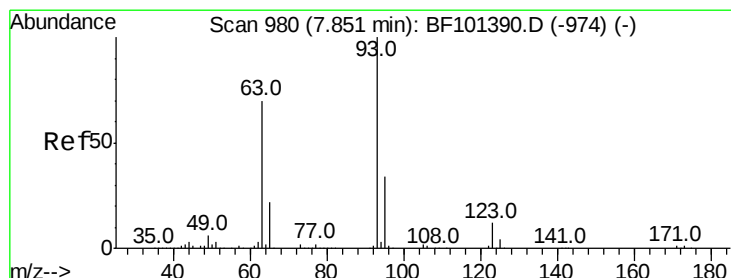
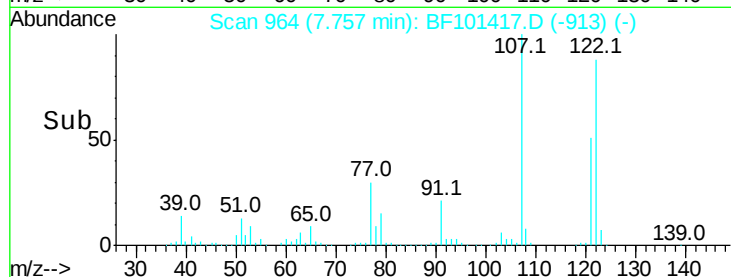
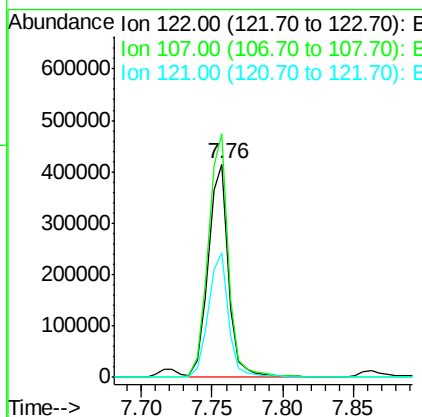
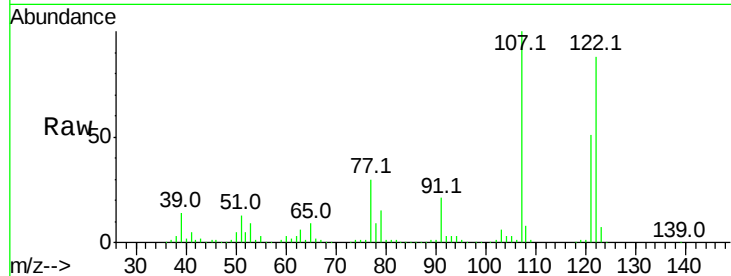
ClientSampleId :

DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.2	136.8
121	58.1	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 32.673 ng

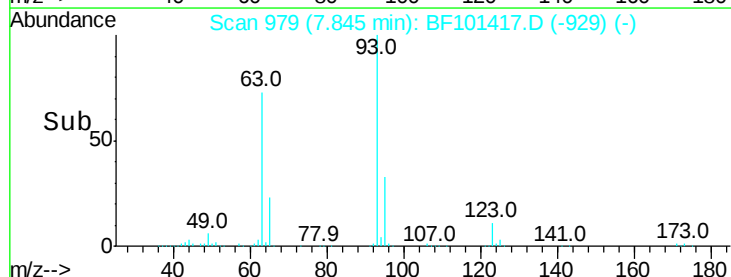
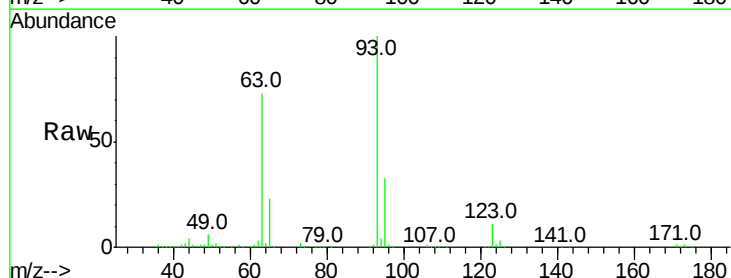
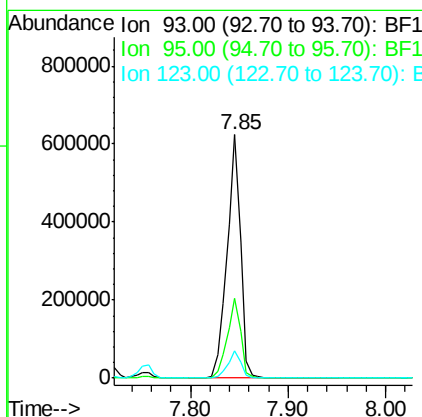
RT: 7.85 min Scan# 979

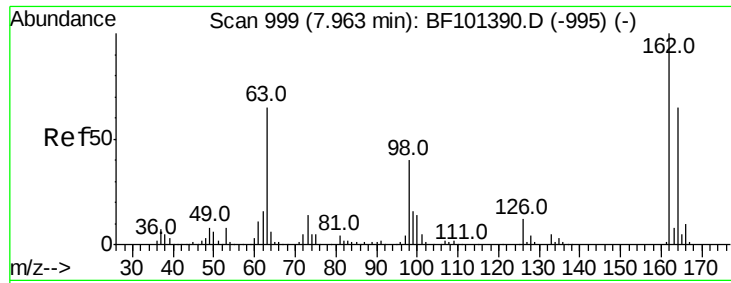
Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.1	9.8	14.6





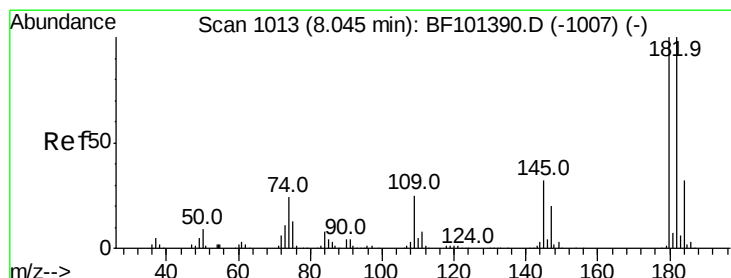
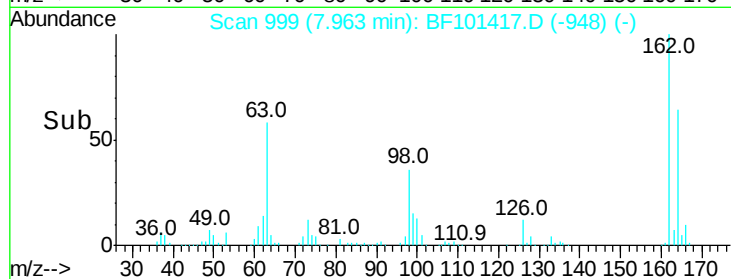
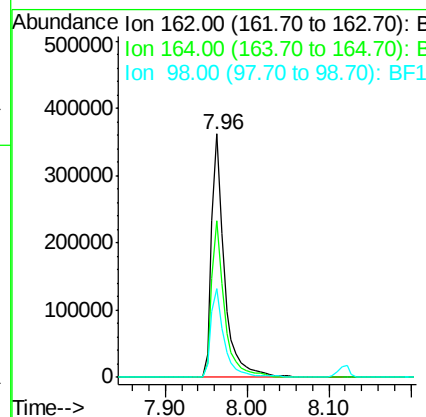
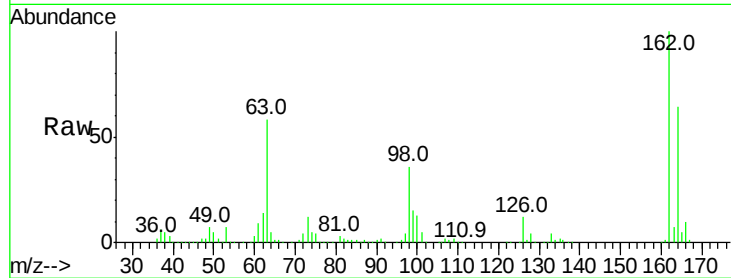
#29
2,4-Dichlorophenol
Concen: 34.824 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	42.7	82.7
98	36.4	18.1	58.1

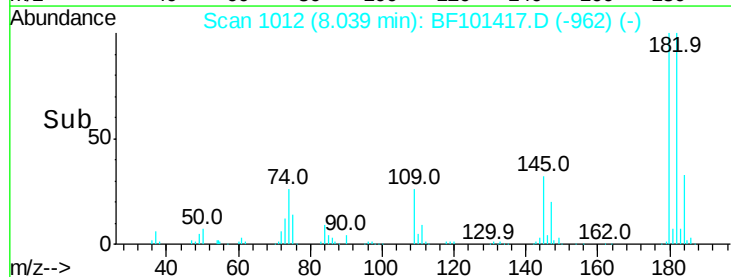
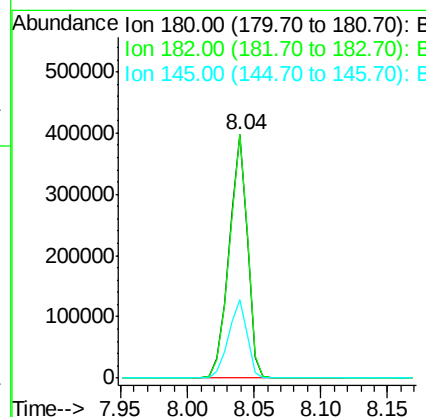
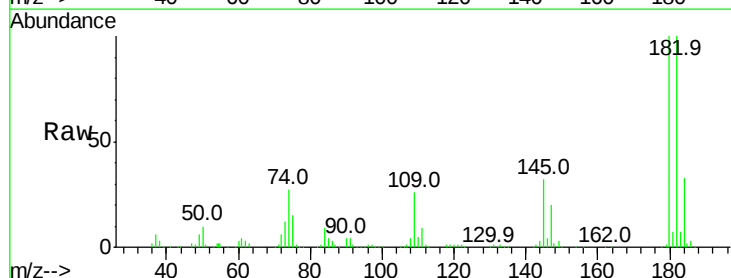
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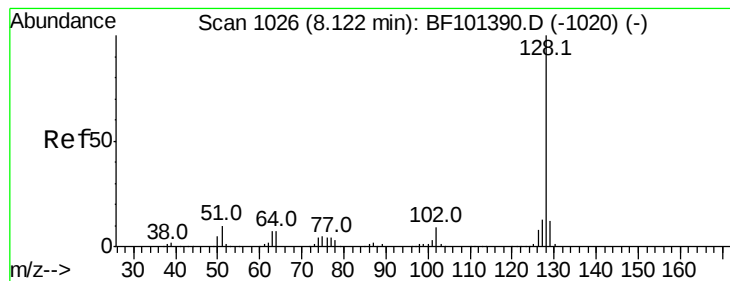
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#30
1,2,4-Trichlorobenzene
Concen: 32.070 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	100.1	76.8	115.2
145	32.5	26.5	39.7





#31

Naphthalene

Concen: 32.380 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

DBEW-2-4-10MS

Tot Ion:128 Resp: 1300584

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

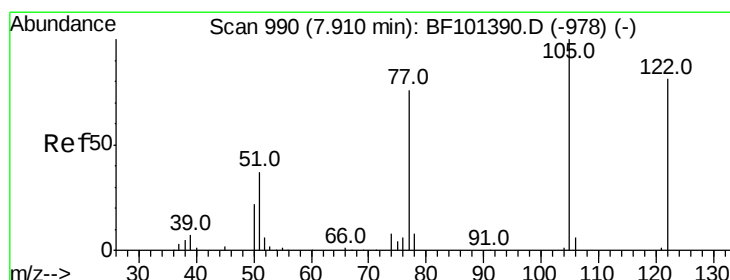
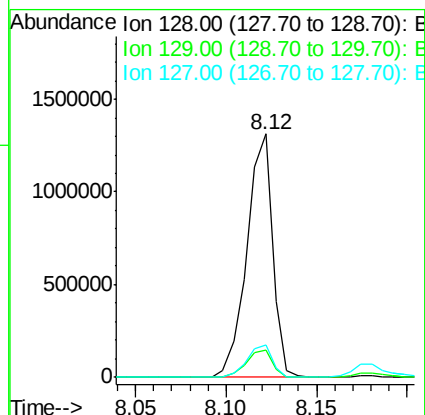
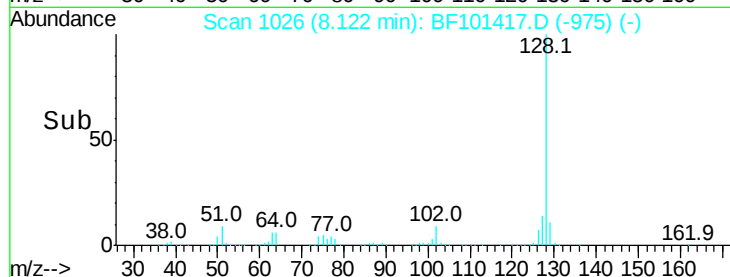
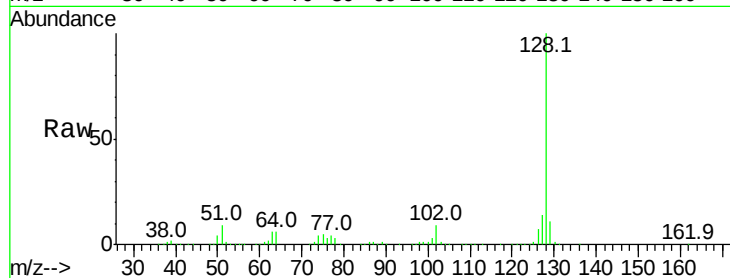
127 13.6 10.9 16.3

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#32

Benzoic acid

Concen: 10.209 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

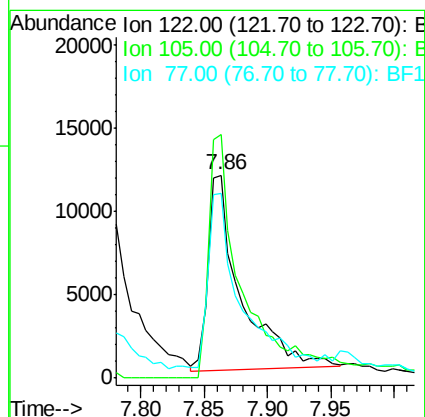
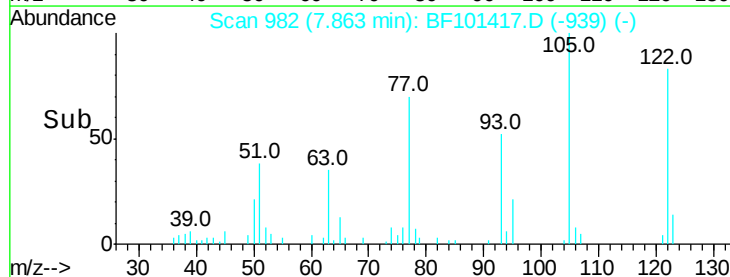
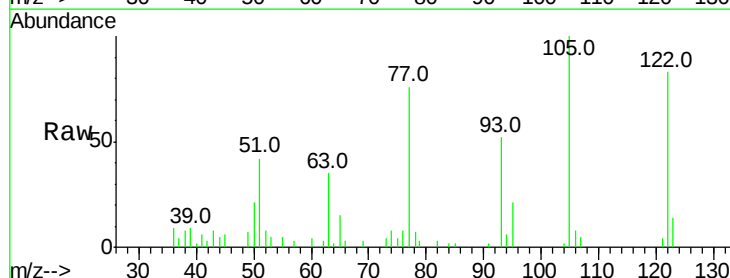
Tgt Ion:122 Resp: 21025

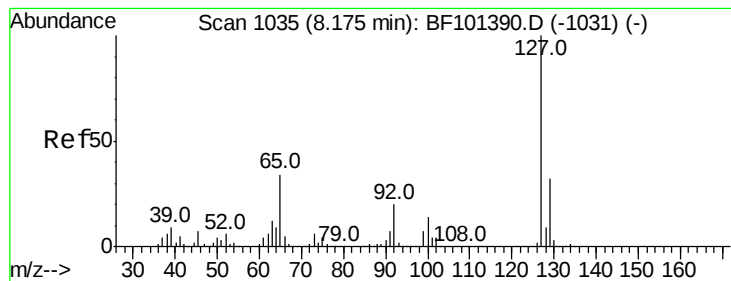
Ion Ratio Lower Upper

122 100

105 119.9 101.1 141.1

77 91.0 70.7 110.7





#33

4-Chloroaniline

Concen: 5.822 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

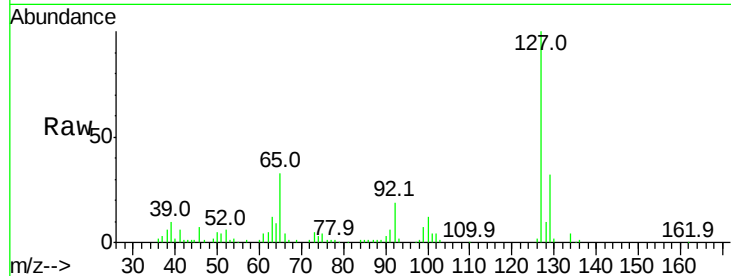
ClientSampleId :

DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	33.1	25.0	37.4
92	19.2	15.2	22.8

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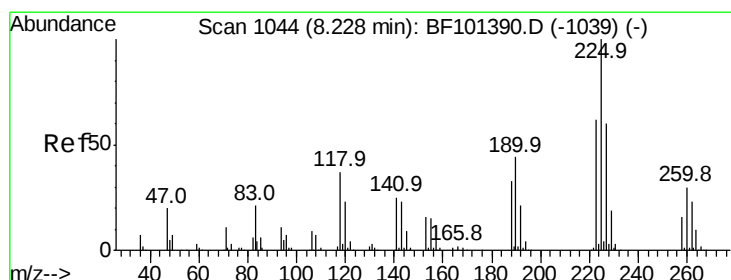
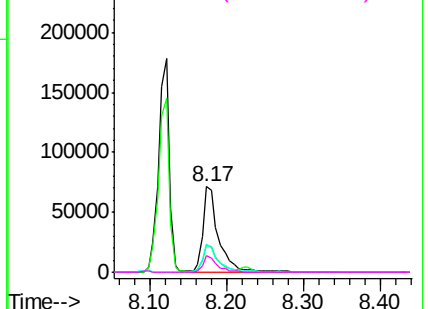
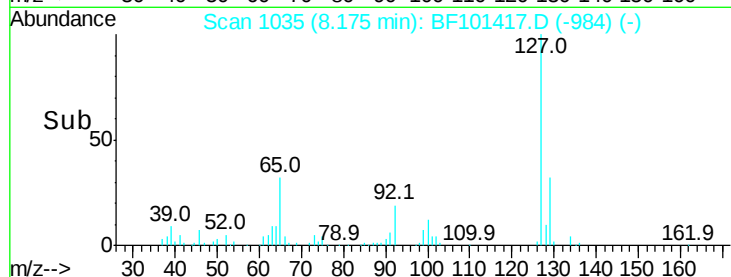


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.971 ng

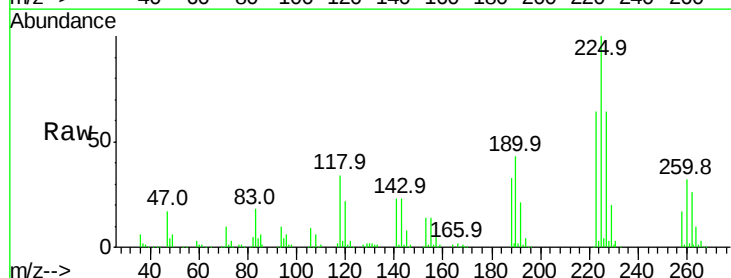
RT: 8.23 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

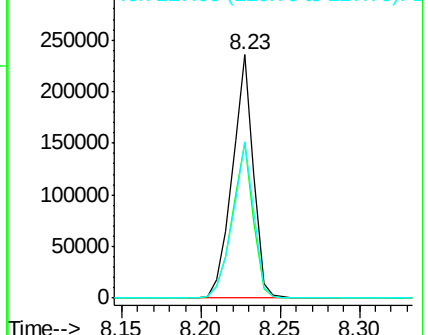
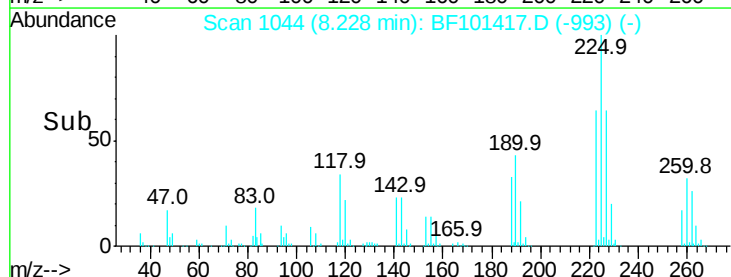
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	64.5	51.9	77.9

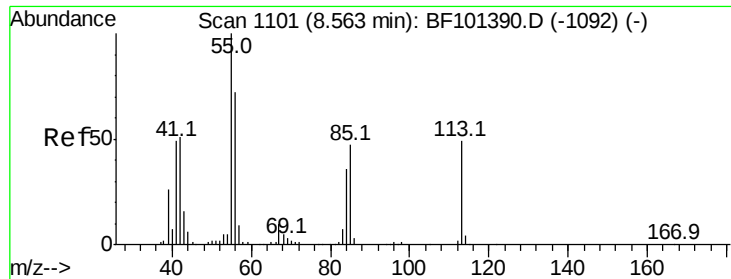


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.409 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

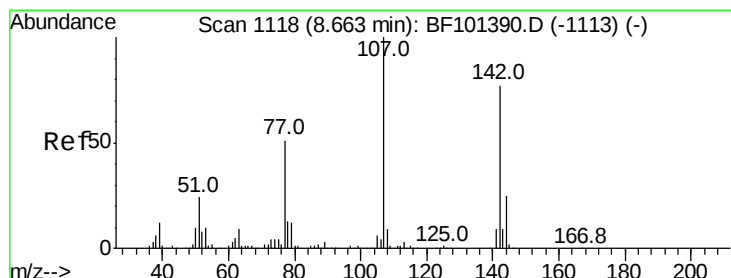
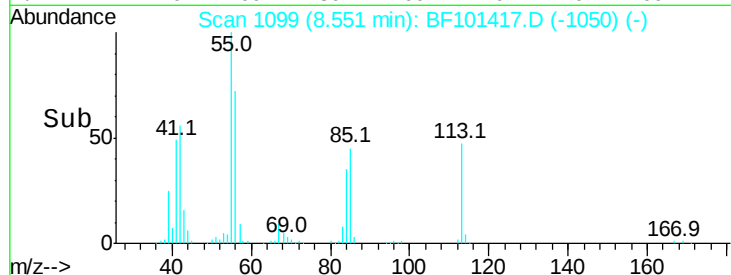
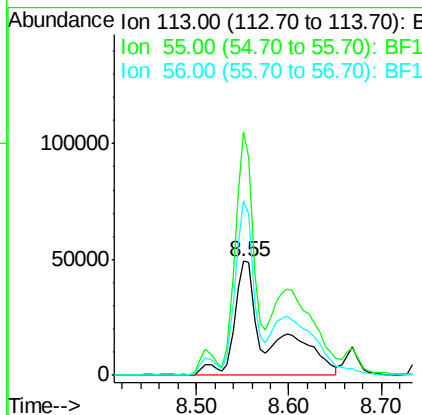
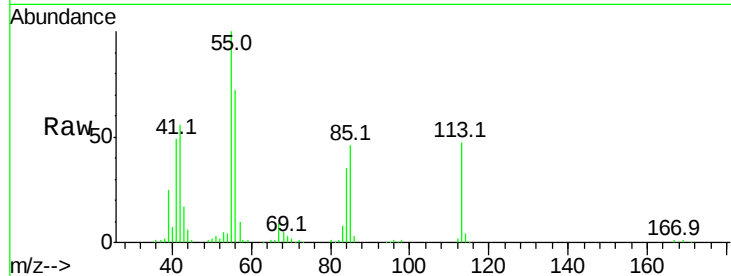
ClientSampleID :

DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	213.1	163.3	203.3#
56	153.2	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 33.125 ng/mL

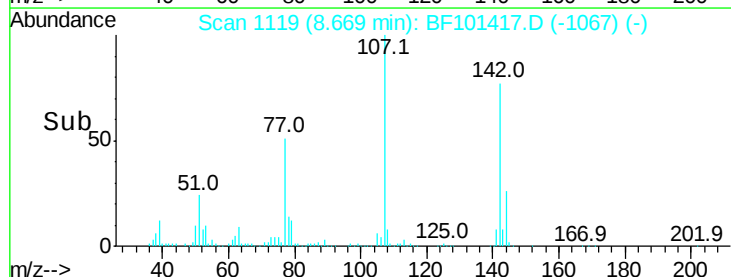
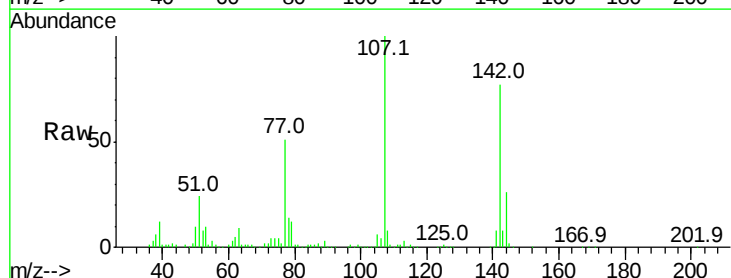
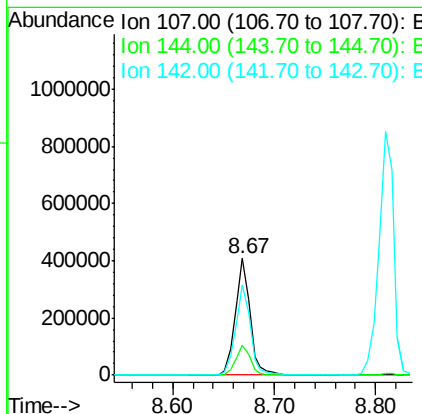
RT: 8.67 min Scan# 1119

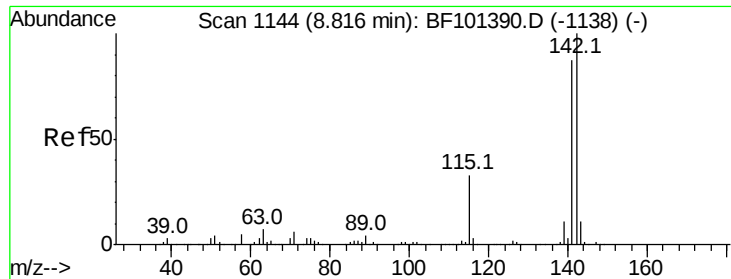
Delta R.T. 0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	77.2	62.0	93.0





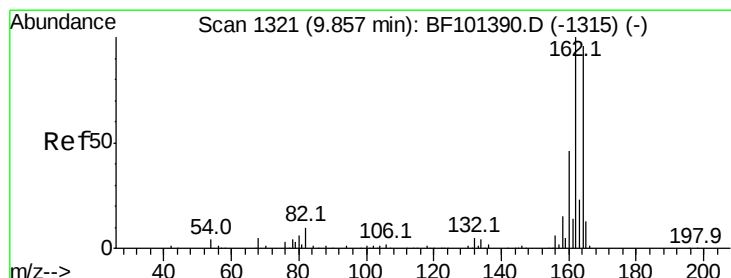
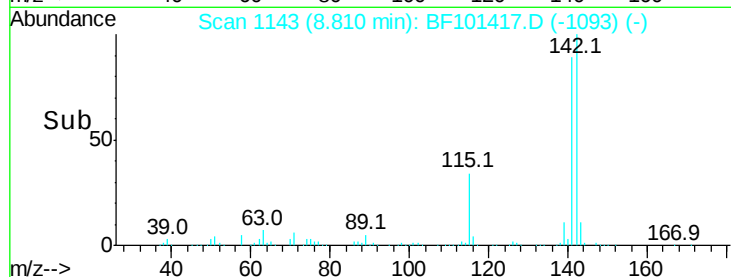
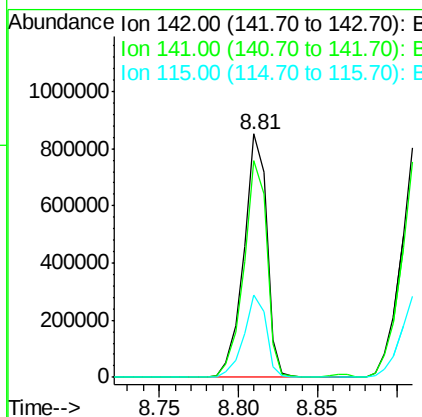
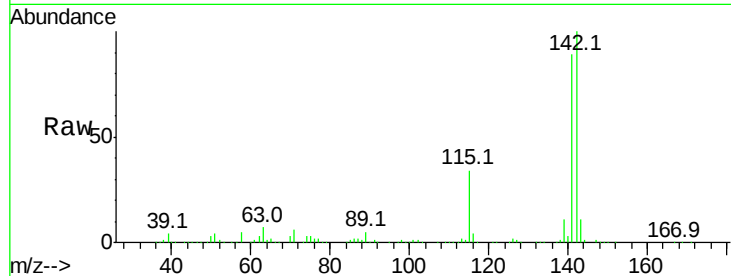
#37
2-Methylnaphthalene
Concen: 32.664 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	854785		
141	89.0		70.8	106.2
115	34.0		26.1	39.1

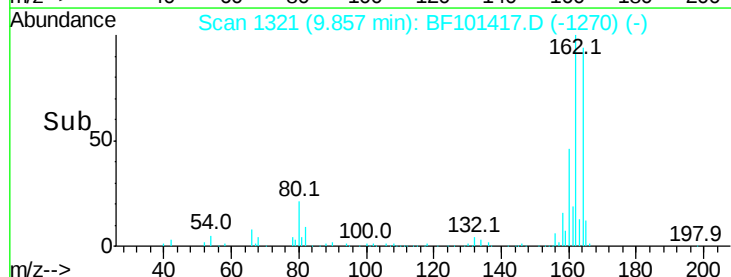
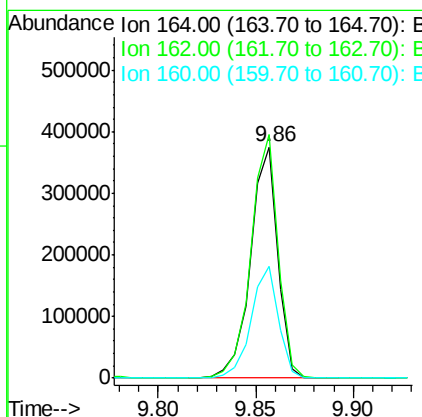
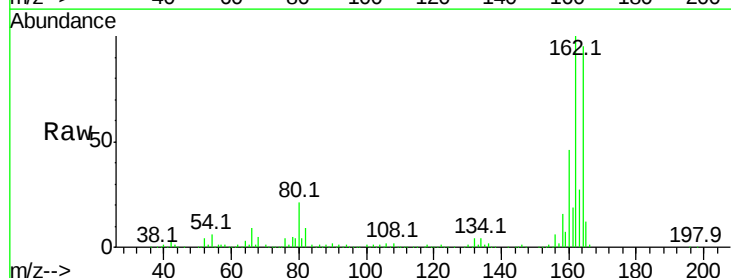
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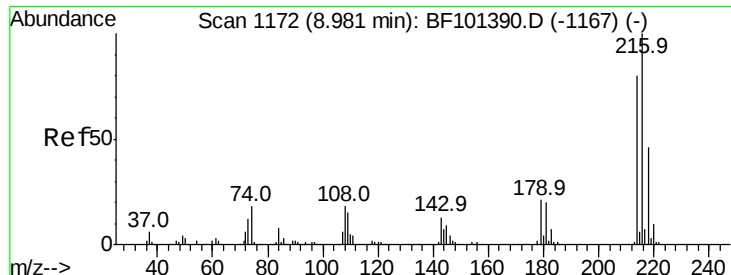
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	359656		
162	105.2		86.1	129.1
160	48.5		38.3	57.5





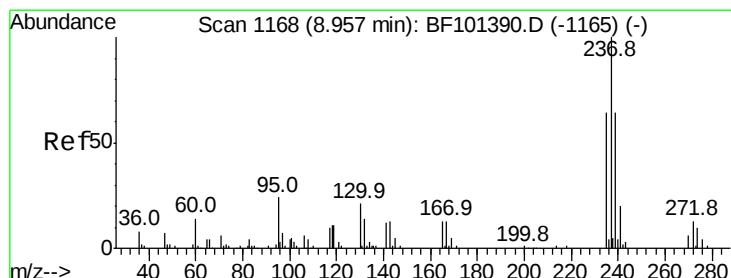
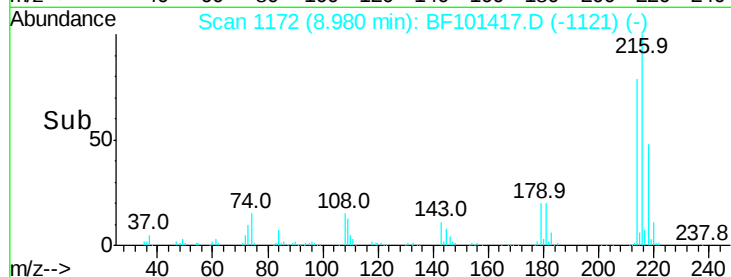
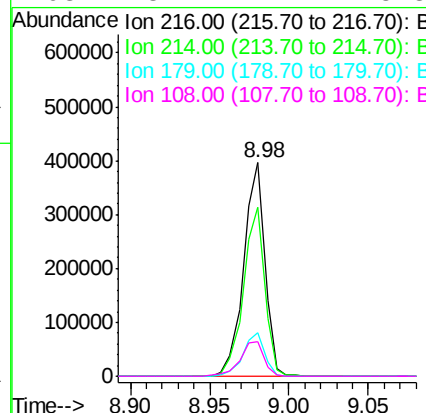
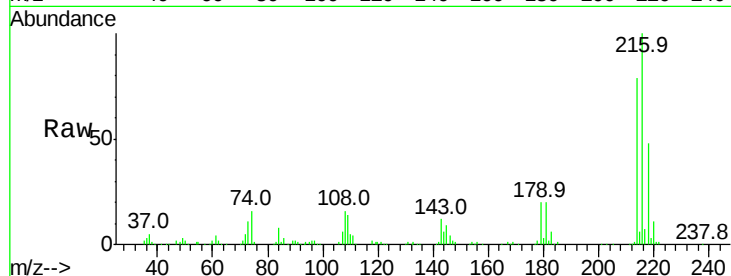
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.446 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.0	94.4	
179	20.6	18.1	27.1	
108	18.7	17.2	25.8	

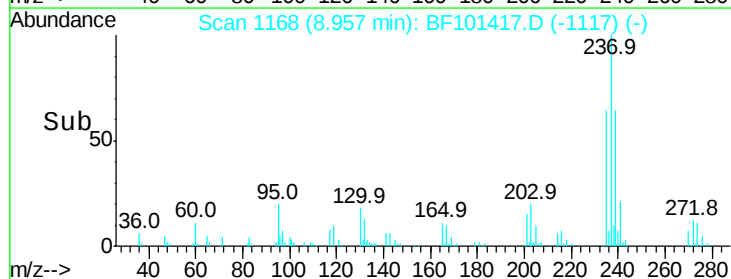
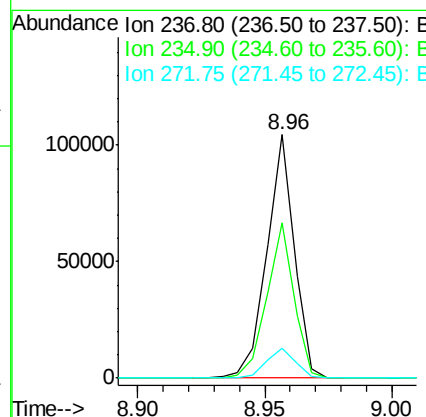
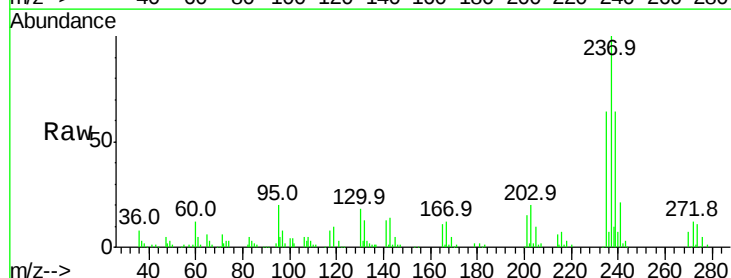
Manual Integrations
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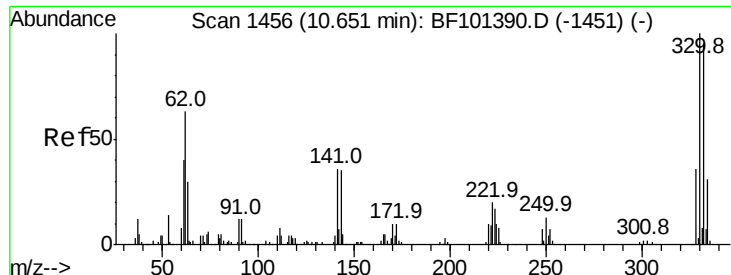
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#40
 Hexachlorocyclopentadiene
 Concen: 44.548 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.0	44.8	84.8	
272	12.1	0.0	33.3	





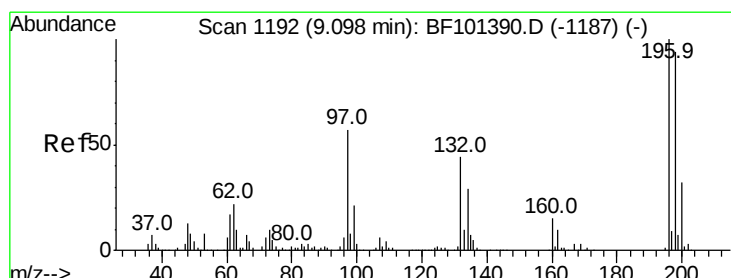
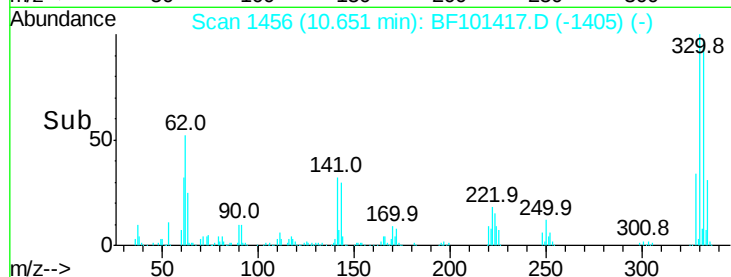
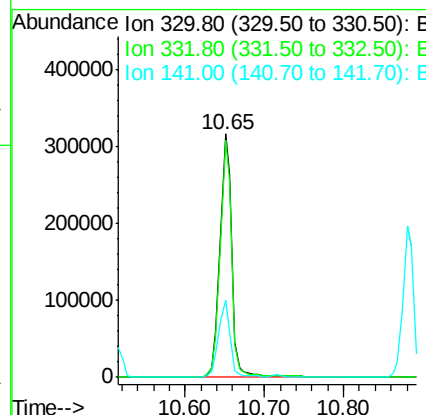
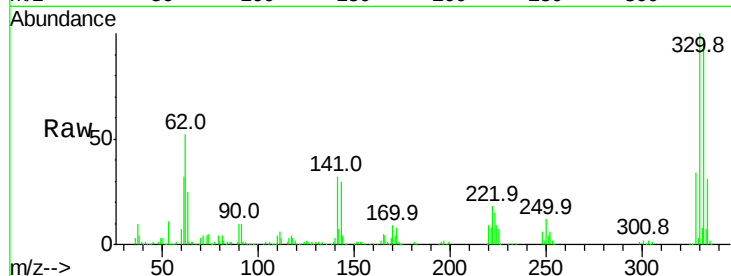
#41
 2,4,6-Tribromophenol
 Concen: 96.350 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	77.0	115.6	
141	31.4	29.9	44.9	

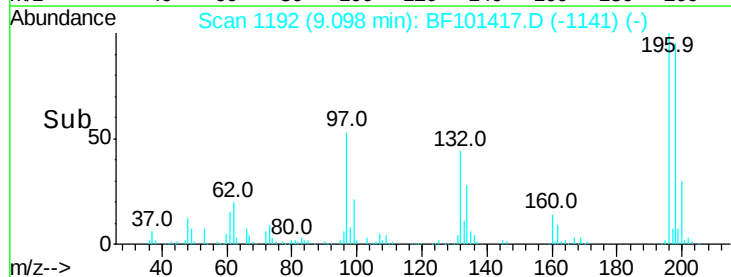
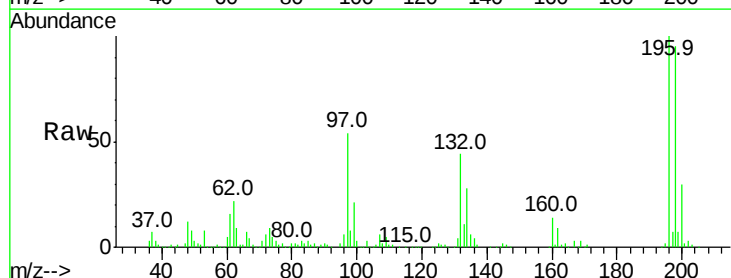
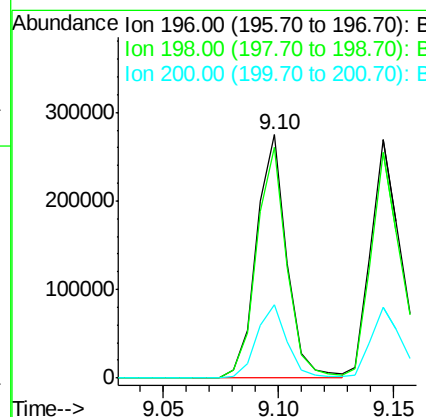
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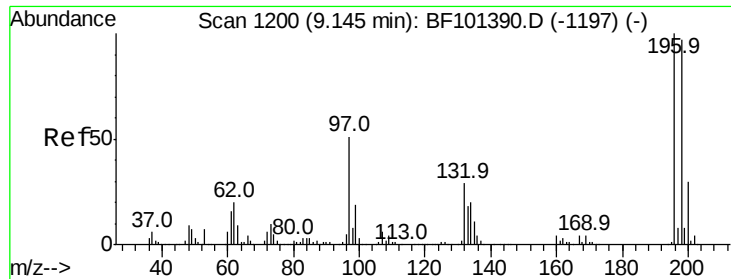
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 34.544 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.7	75.7	113.5	
200	30.4	24.5	36.7	





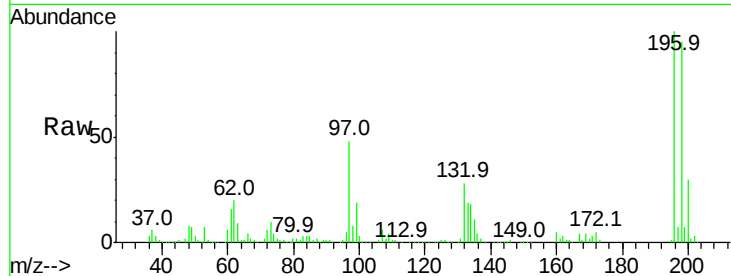
#43
2,4,5-Trichlorophenol
Concen: 33.353 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	266970		
198	94.7		74.6	112.0
97	48.4		42.9	64.3
132	28.3		26.3	39.5

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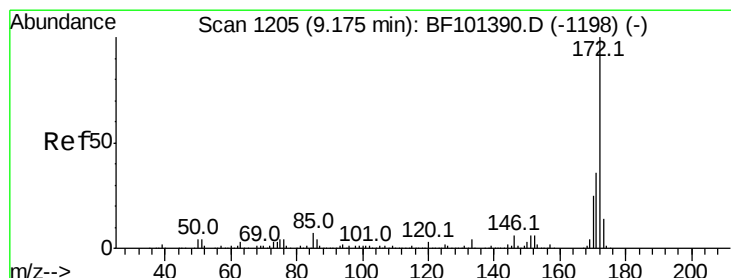
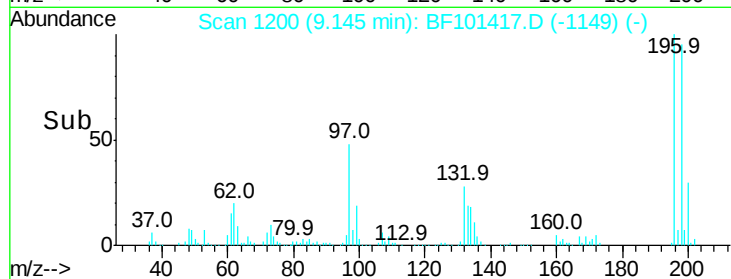
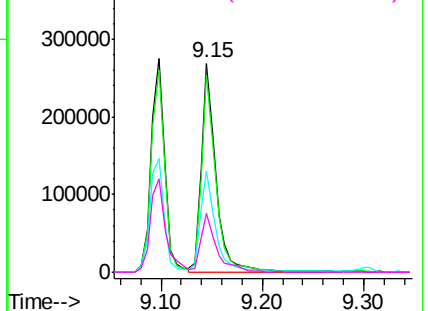
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 60.826 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

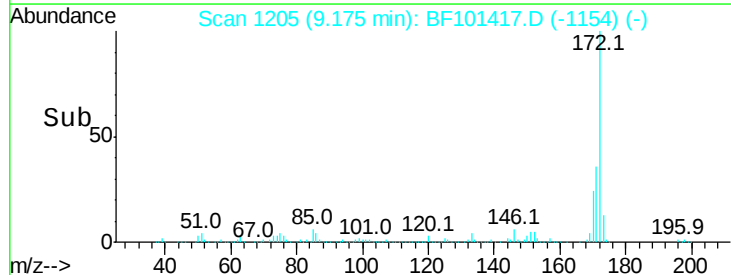
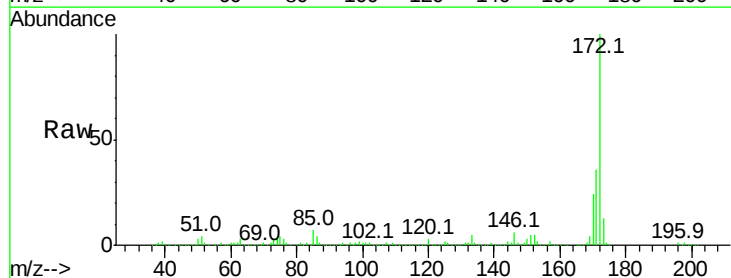
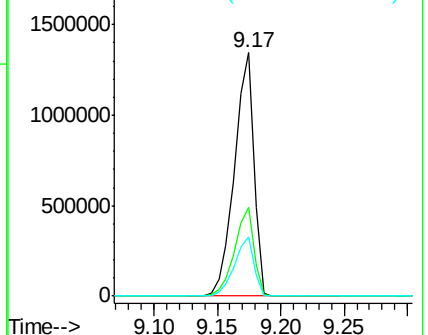
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1410243		
171	36.4		29.7	44.5
170	24.1		19.6	29.4

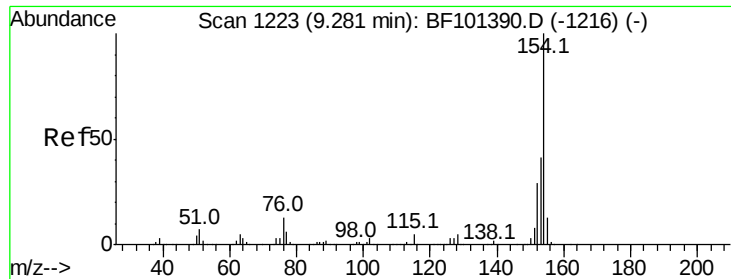
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





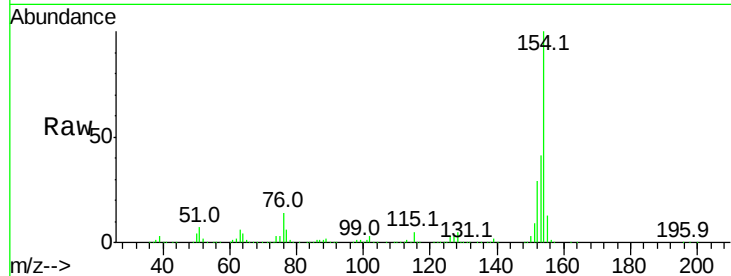
#45
 1,1'-Biphenyl
 Concen: 30.523 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-4-10MS

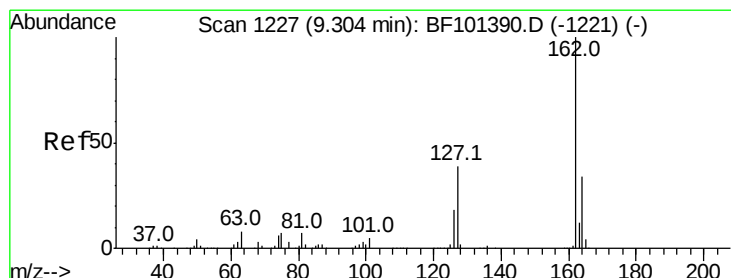
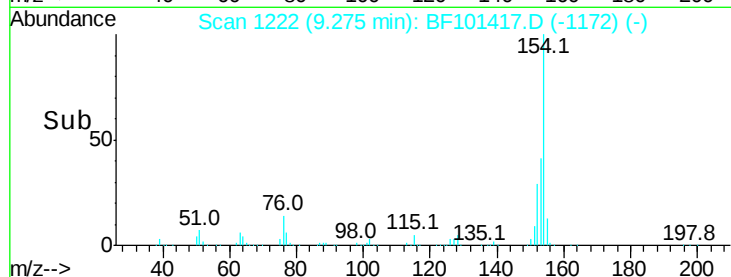
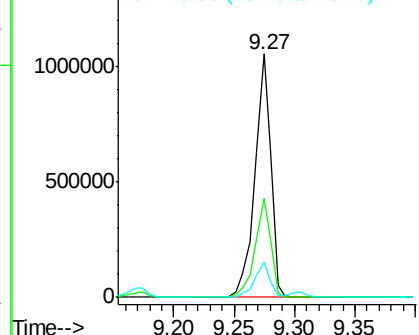
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.3	61.3	
76	14.2	0.0	34.0	

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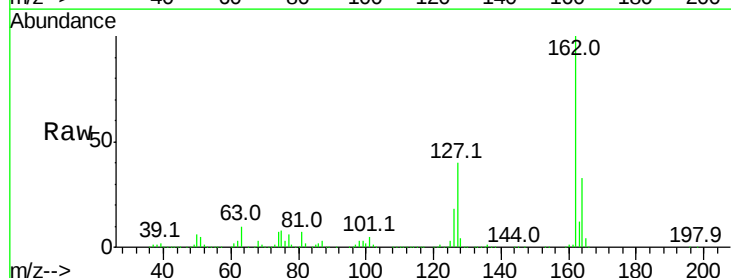


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

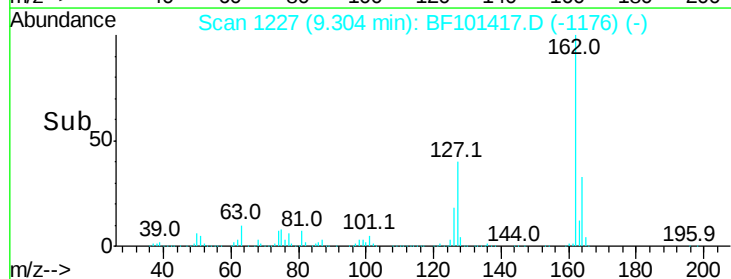
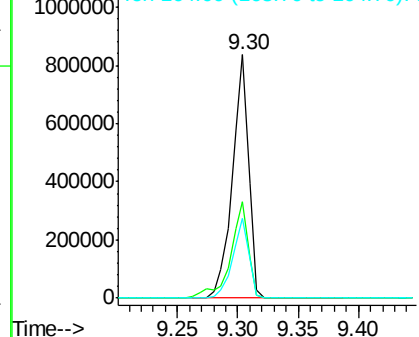


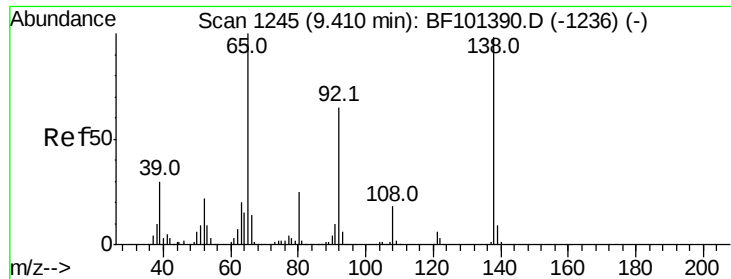
#46
 2-Chloronaphthalene
 Concen: 31.921 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.6	33.9	50.9	
164	32.7	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: 33.533 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

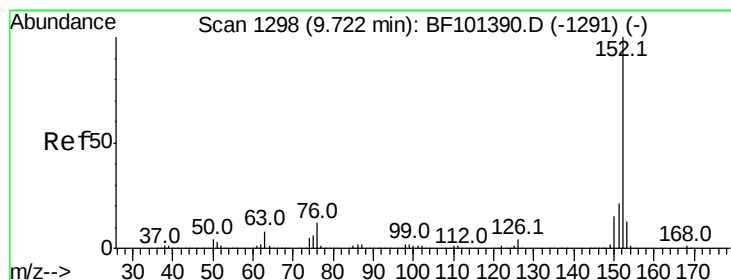
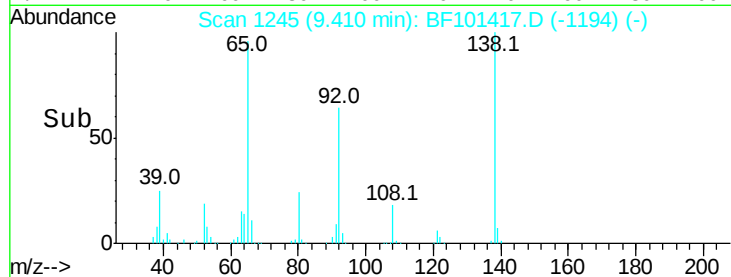
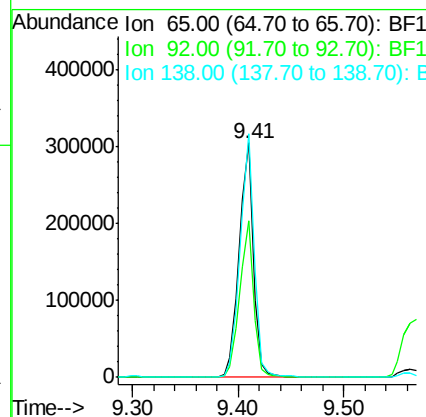
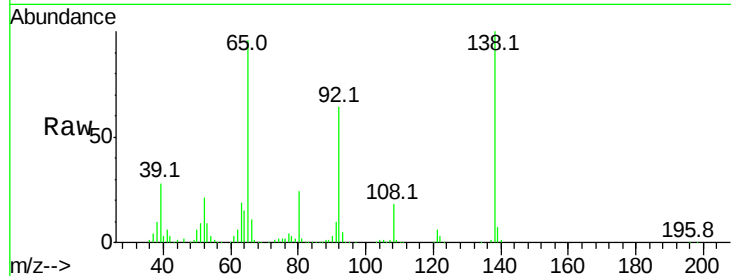
ClientSampleId :

DBEW-2-4-10MS

Tot Ion	65	Resp	282716
Ion Ratio	Lower	Upper	
65	100		
92	66.7	55.8	83.6
138	103.8	91.2	136.8

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#48

Acenaphthylene

Concen: 30.175 ng

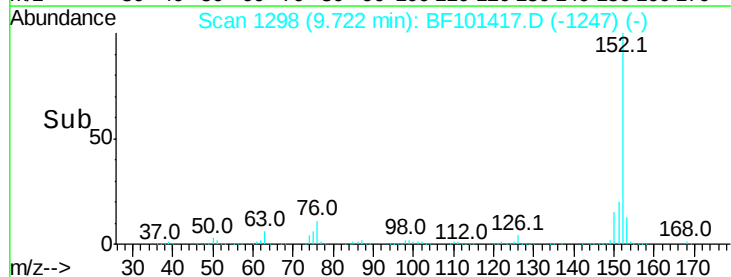
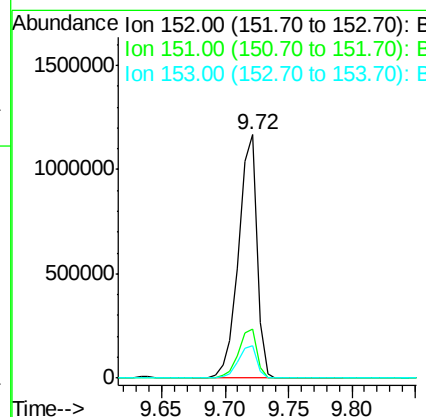
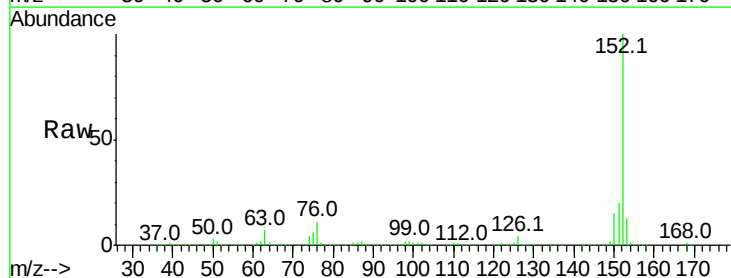
RT: 9.72 min Scan# 1298

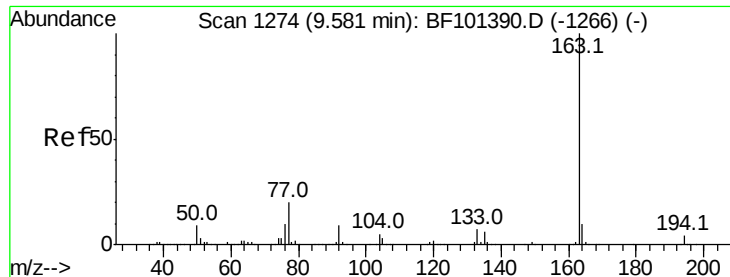
Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion	152	Resp	1163178
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.2	10.7	16.1





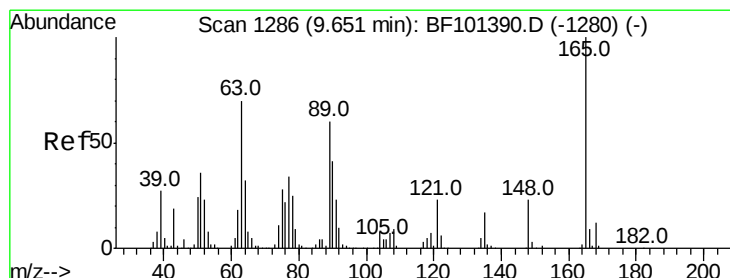
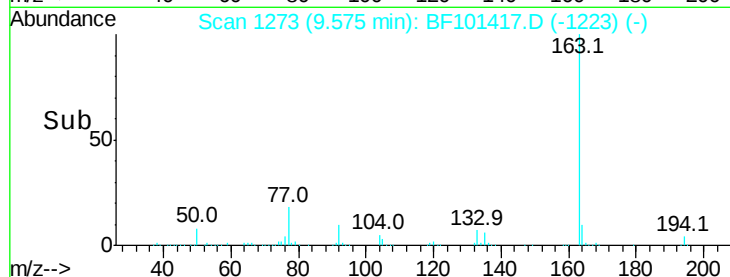
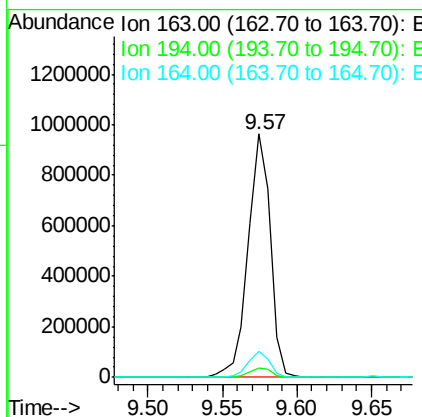
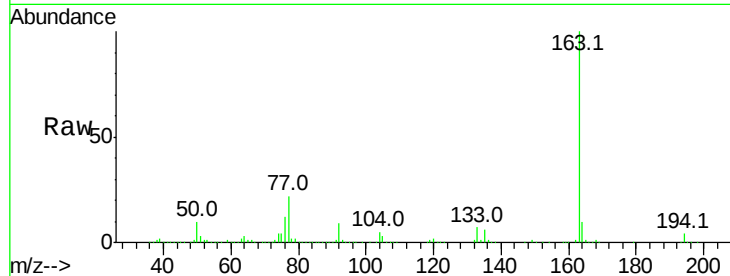
#49
Dimethylphthalate
Concen: 34.220 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.4	8.2	12.2	

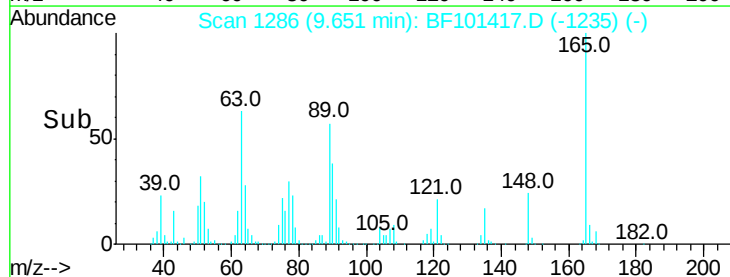
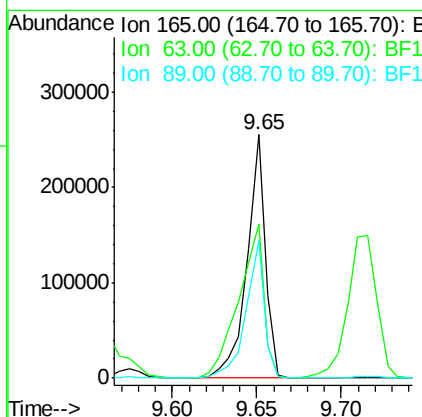
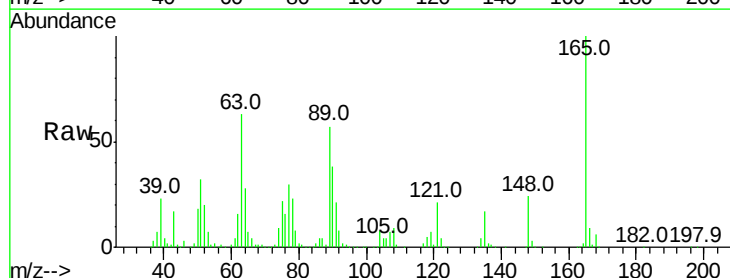
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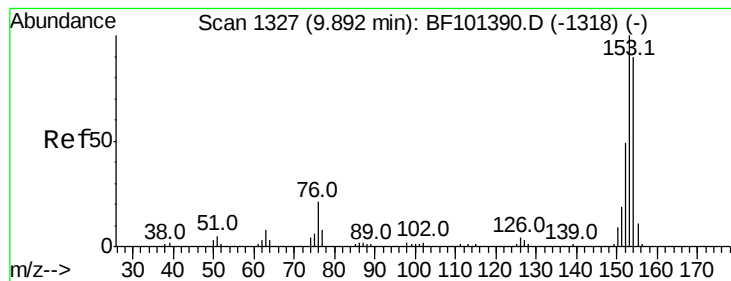
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#50
2,6-Dinitrotoluene
Concen: 33.505 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.0	44.7	67.1	
89	56.5	44.0	66.0	





#51

Acenaphthene

Concen: 30.218 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

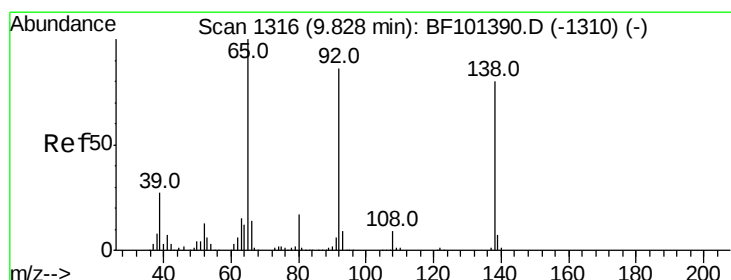
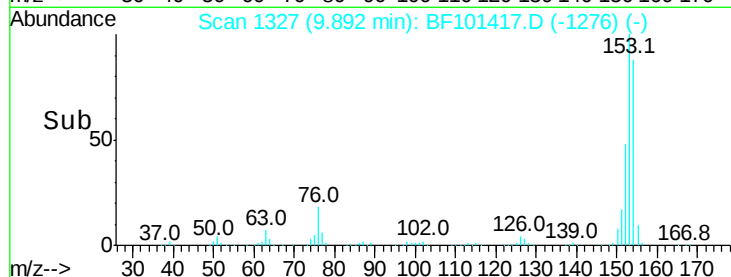
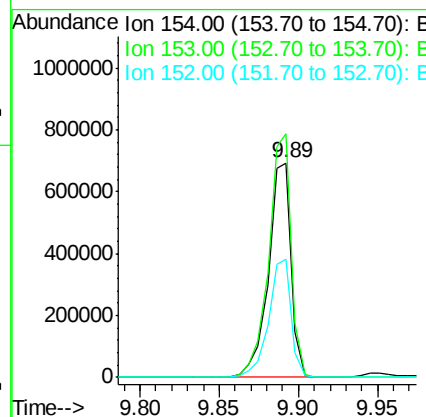
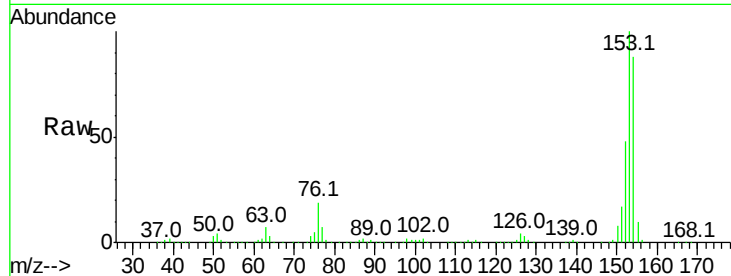
ClientSampleId :

DBEW-2-4-10MS

Tot Ion:	154	Resp:	699824
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.2	136.8
152	54.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 13.879 ng

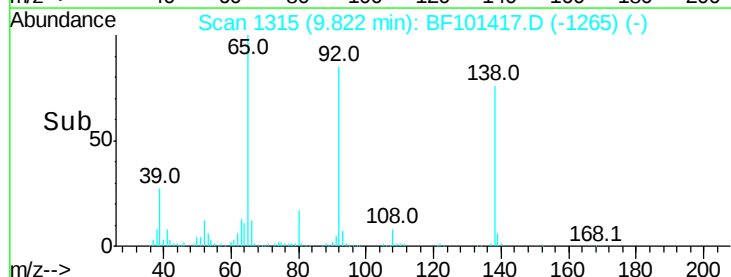
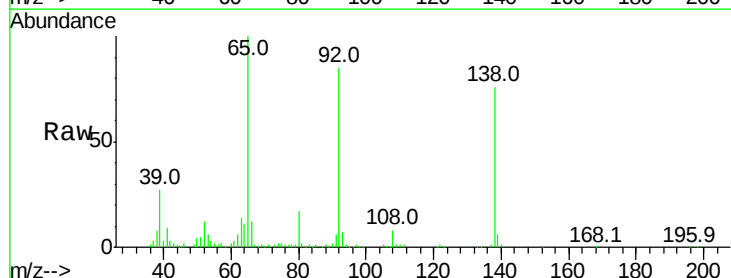
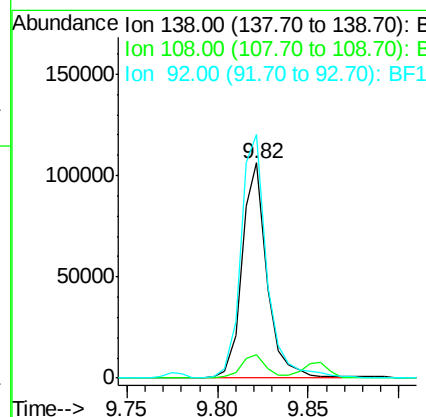
RT: 9.82 min Scan# 1315

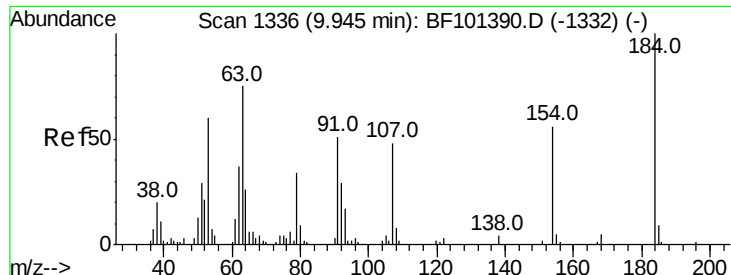
Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:	138	Resp:	101744
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.0
92	113.2	89.4	134.2





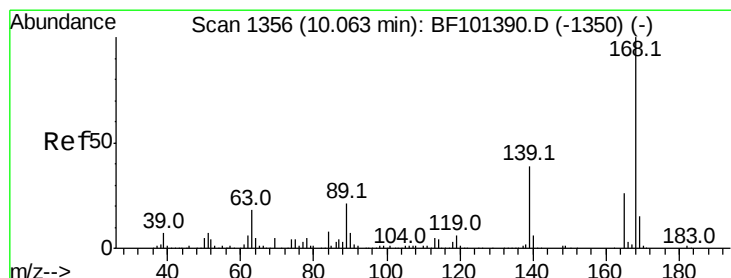
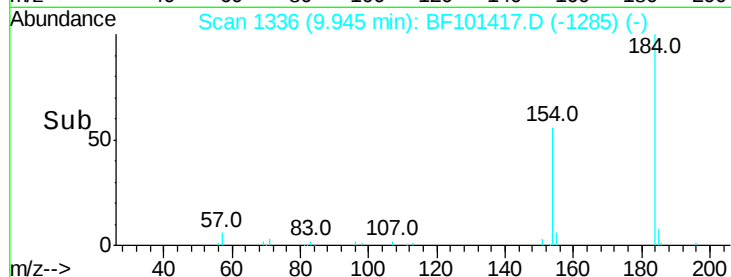
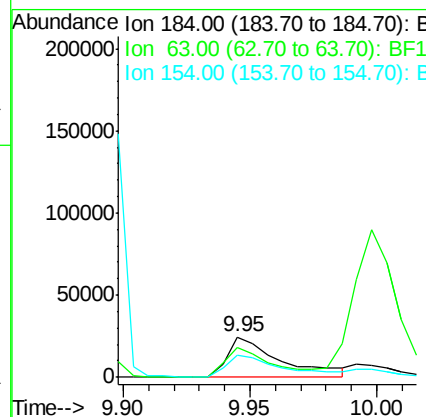
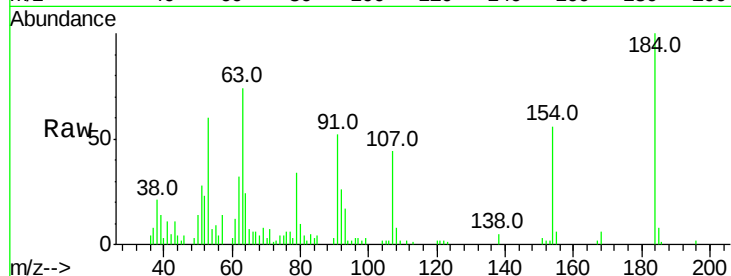
#53
2,4-Dinitrophenol
Concen: 25.318 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.1	54.2	81.2
154	56.1	184.0	276.0#

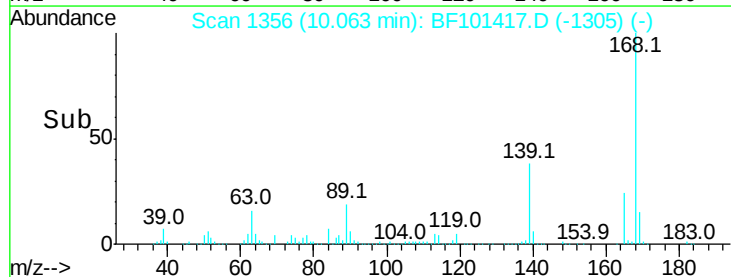
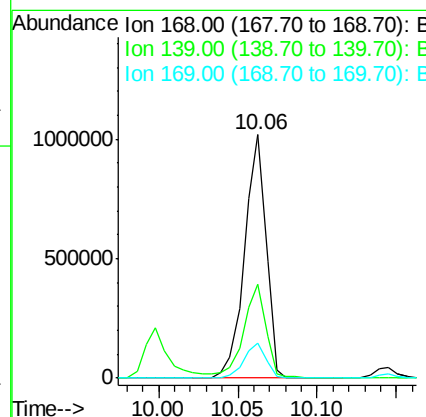
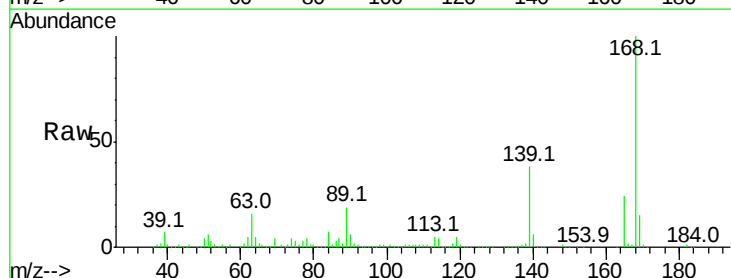
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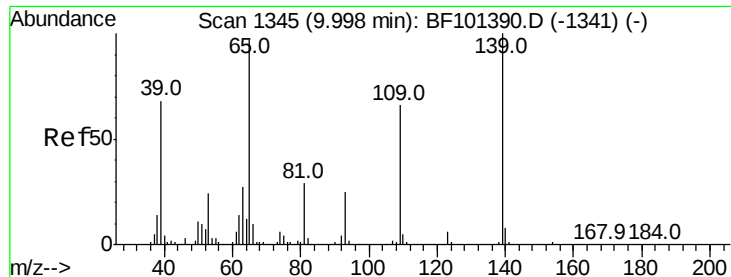
Sohil
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#54
Dibenzofuran
Concen: 32.478 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.5	10.9	16.3





#55

4-Nitrophenol

Concen: 70.964 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

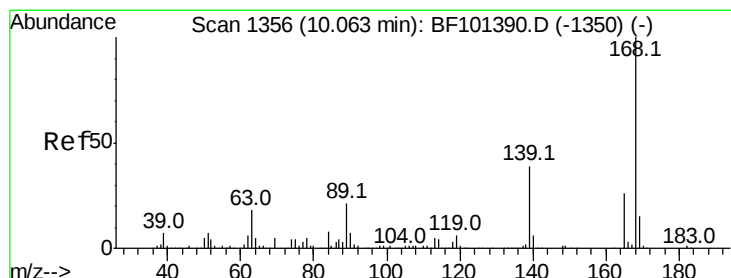
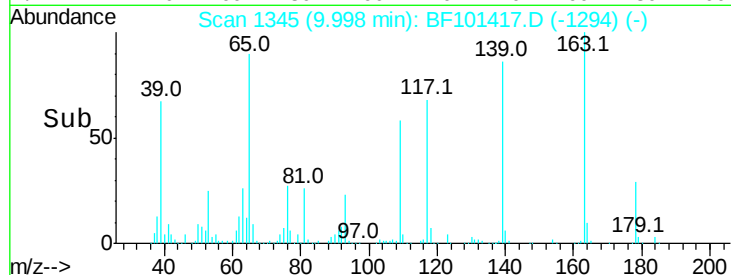
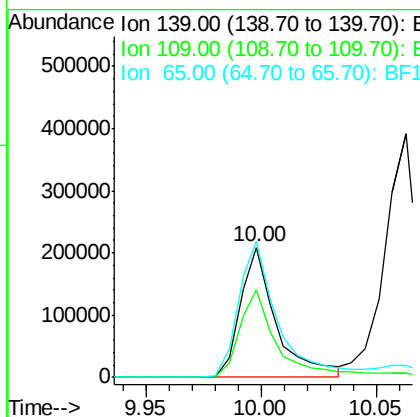
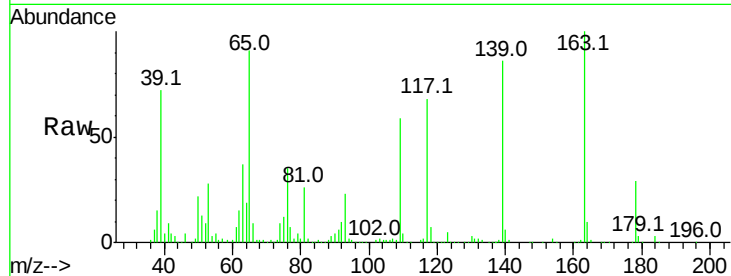
ClientSampleId :

DBEW-2-4-10MS

Tot Ion:	139	Resp:	226832
Ion Ratio	Lower	Upper	
139	100		
109	67.7	48.4	88.4
65	104.9	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 33.933 ng

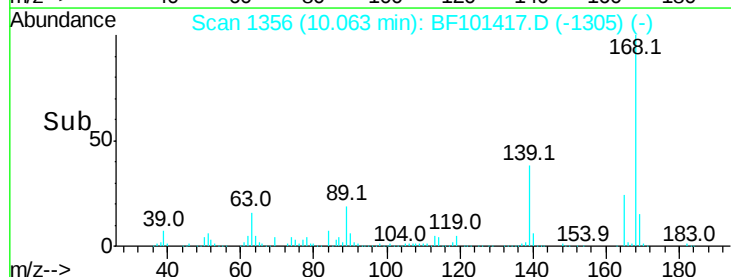
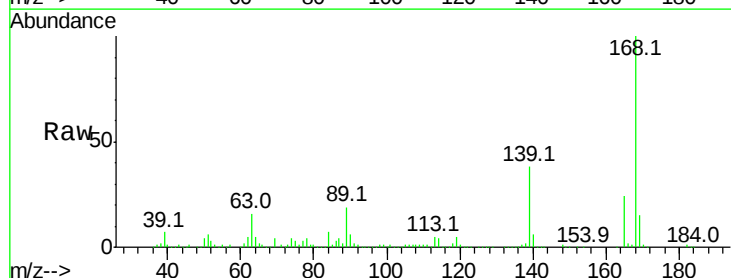
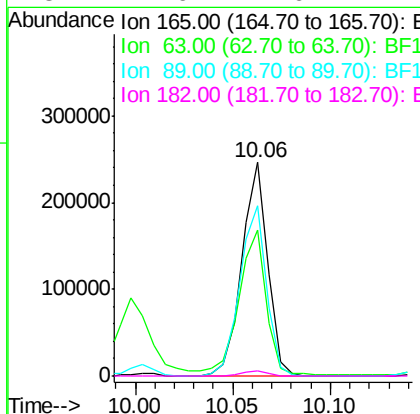
RT: 10.06 min Scan# 1356

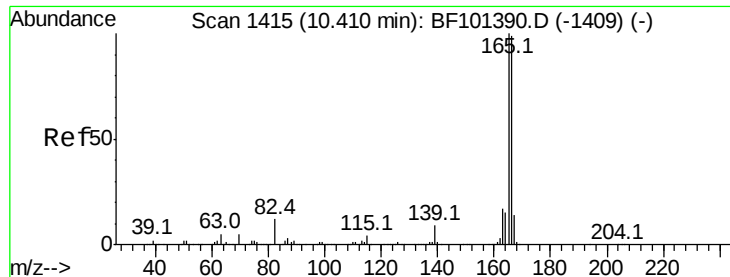
Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:	165	Resp:	224791
Ion Ratio	Lower	Upper	
165	100		
63	68.2	36.4	54.6#
89	79.5	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 32.134 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

DBEW-2-4-10MS

Tot Ion:166 Resp: 800068

Ion Ratio Lower Upper

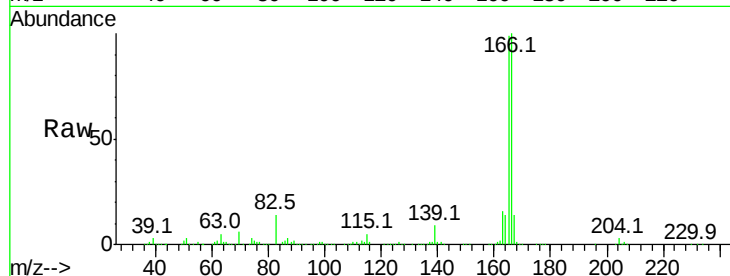
166 100

165 99.3 79.8 119.8

167 13.6 10.6 16.0

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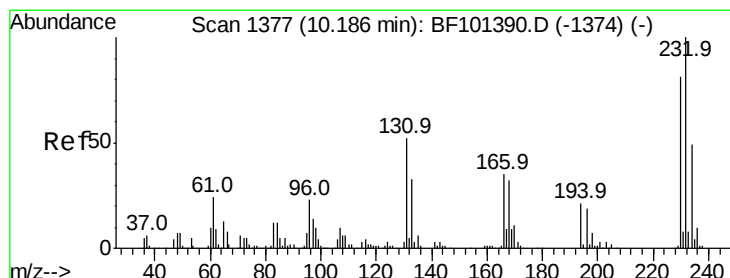
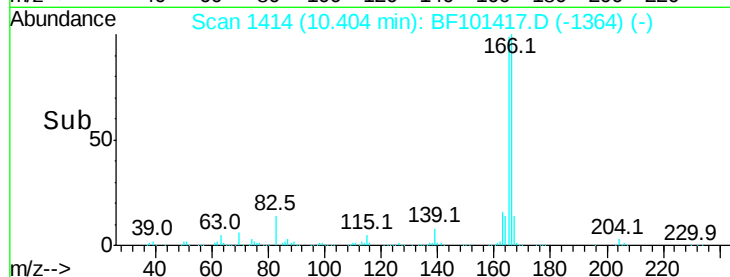
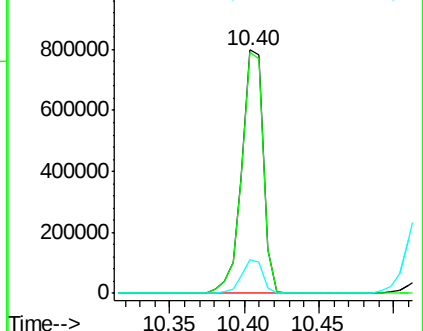
Sohil
12/15/2017 6:44:54 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.063 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:232 Resp: 218896

Ion Ratio Lower Upper

232 100

131 44.2 43.8 65.8

130 2.3 2.1 3.1

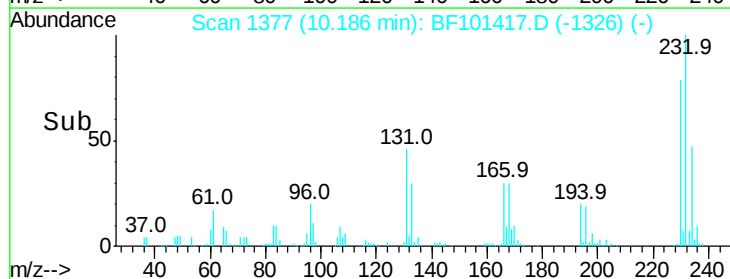
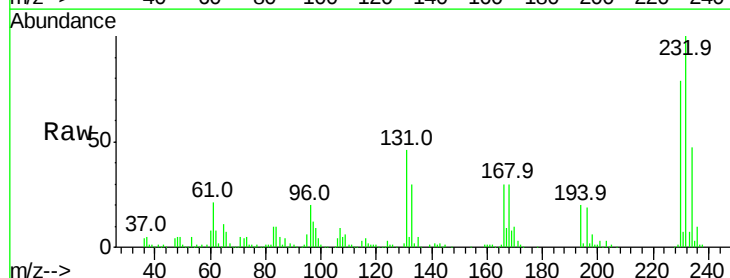
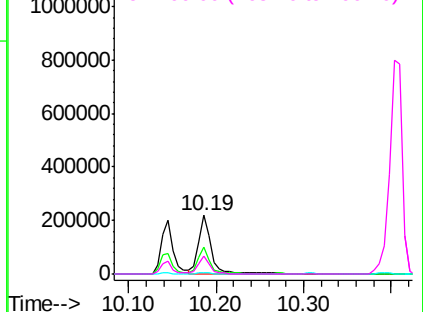
166 28.5 27.8 41.6

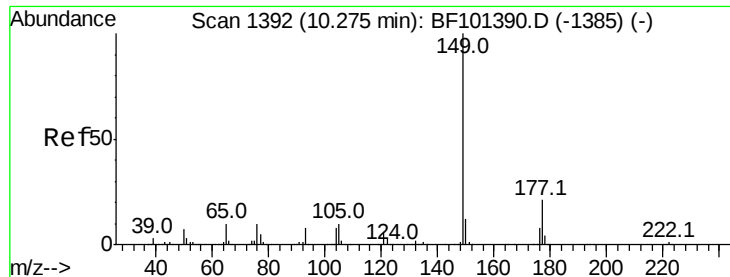
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





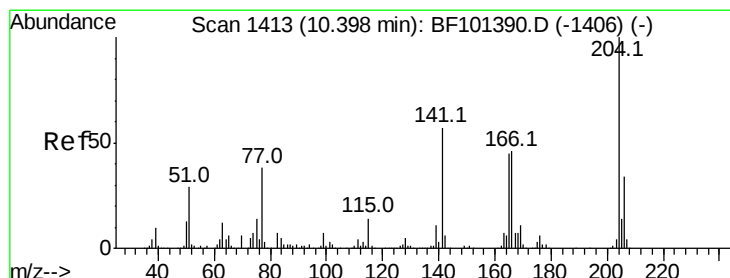
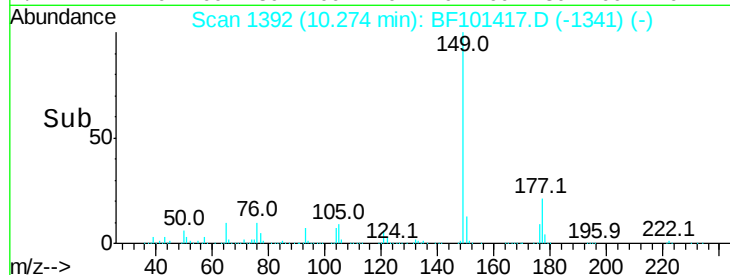
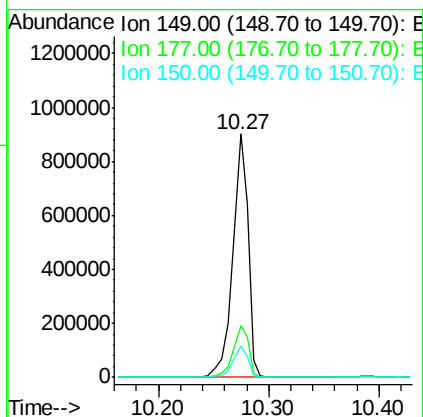
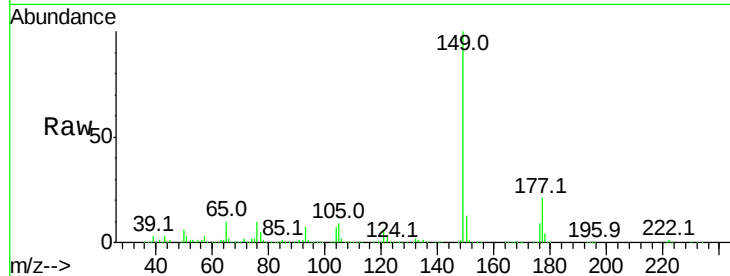
#59
Diethylphthalate
Concen: 30.594 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.8	10.1	15.1

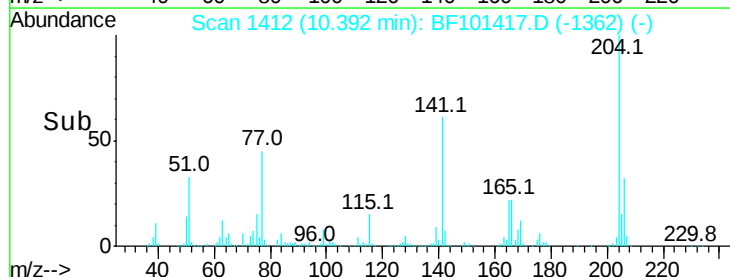
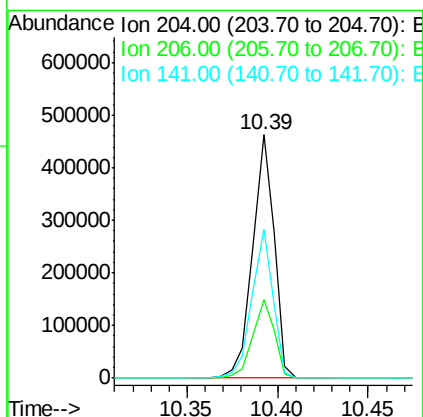
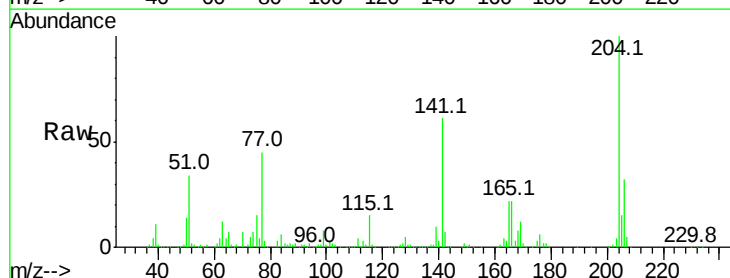
Manual Integrations
APPROVED

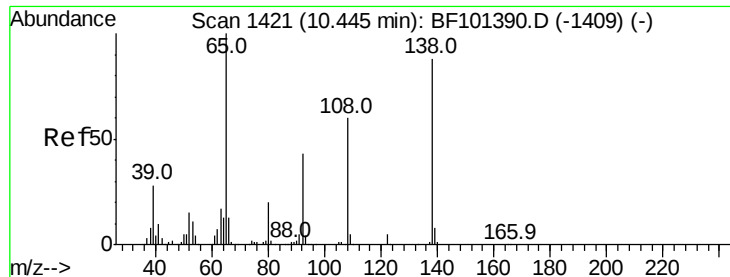
Sohil
12/15/2017 6:44:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.983 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	61.2	54.6	81.8





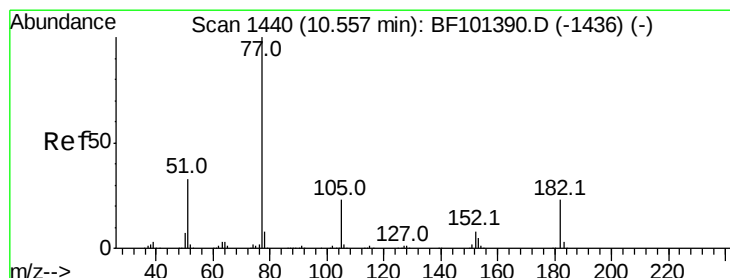
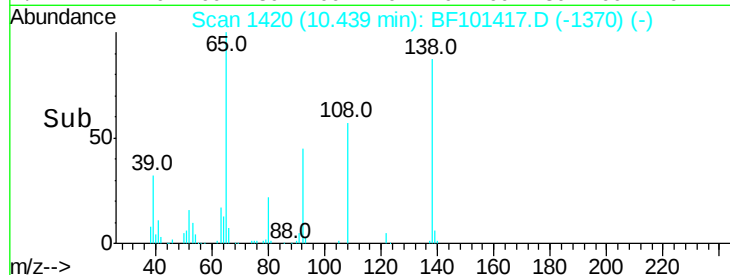
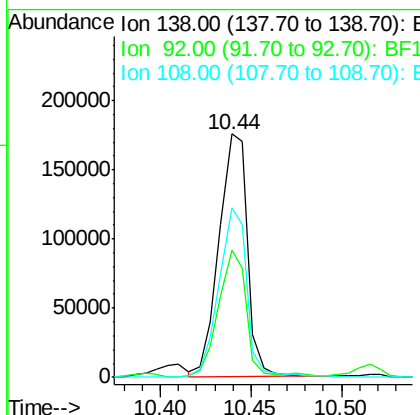
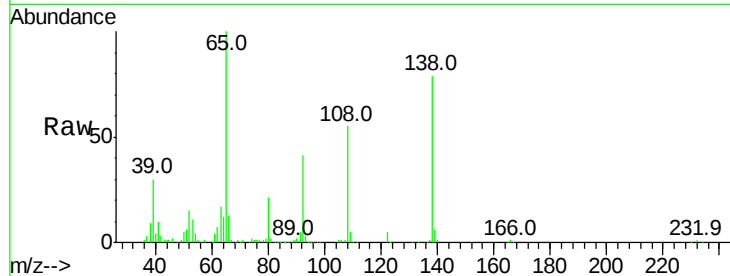
#61
4-Nitroaniline
Concen: 26.156 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	192725		
92	52.4	30.2	70.2	
108	69.7	52.5	92.5	

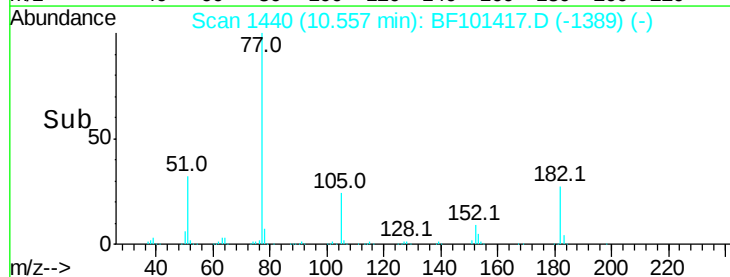
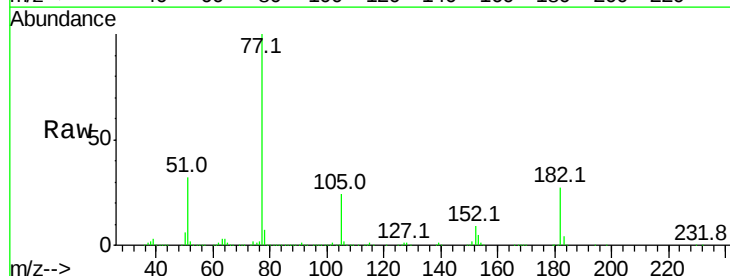
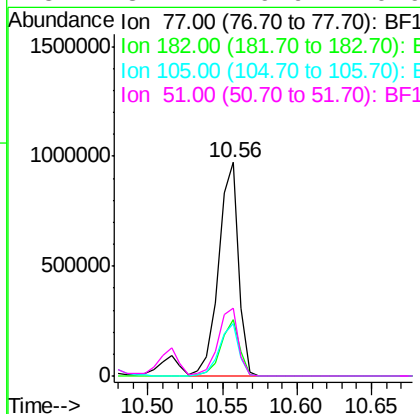
Manual Integrations
APPROVED

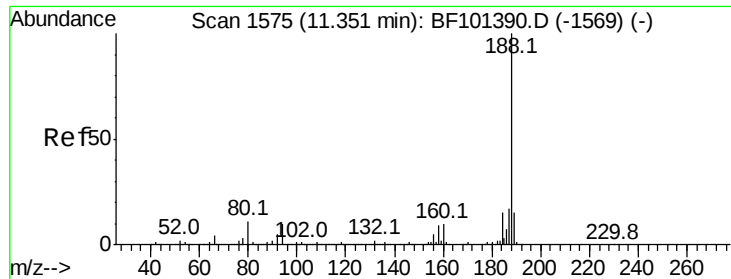
Sohil
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#62
Azobenzene
Concen: 30.670 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	910185		
182	26.6	1.7	41.7	
105	24.3	3.0	43.0	
51	32.1	9.9	49.9	





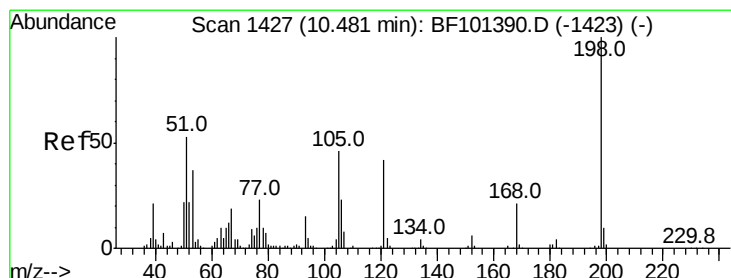
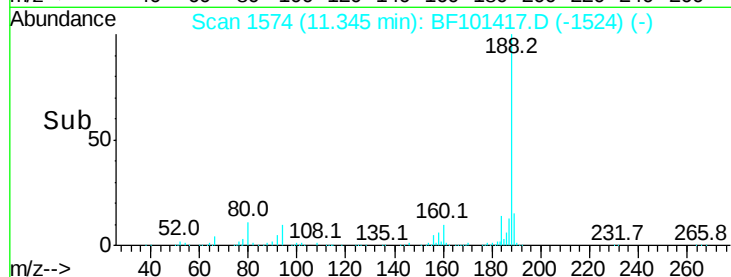
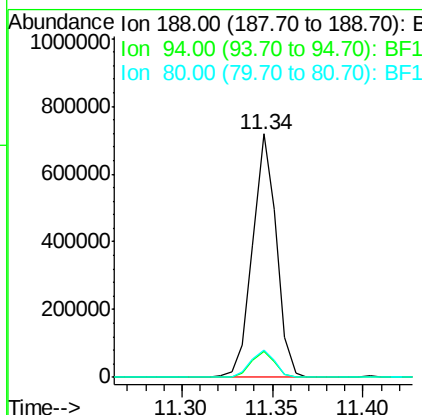
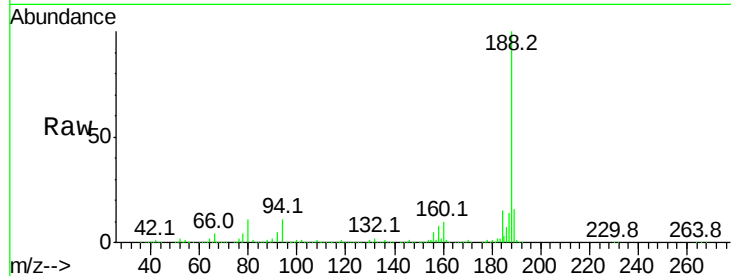
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8

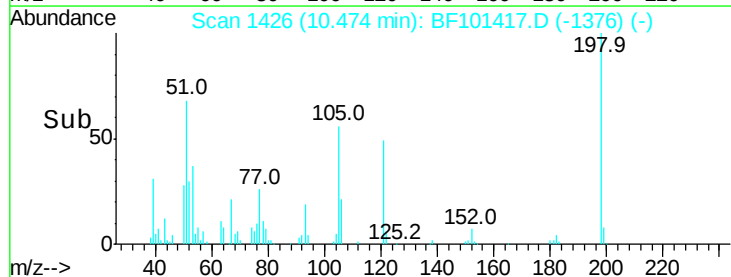
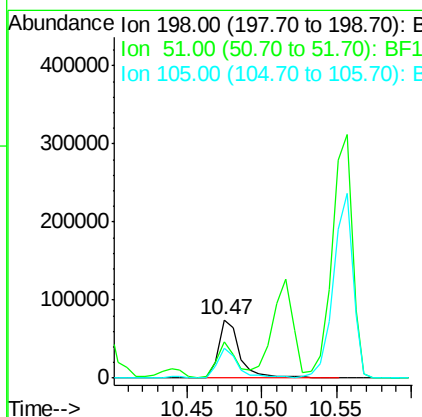
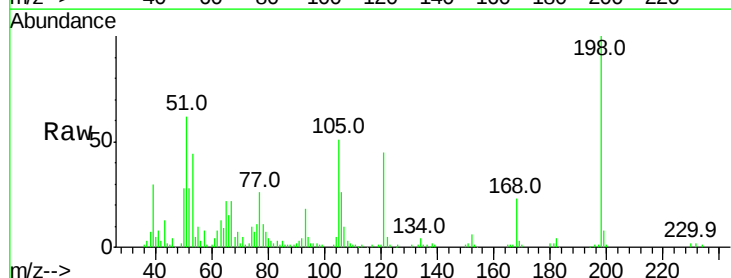
Manual Integrations
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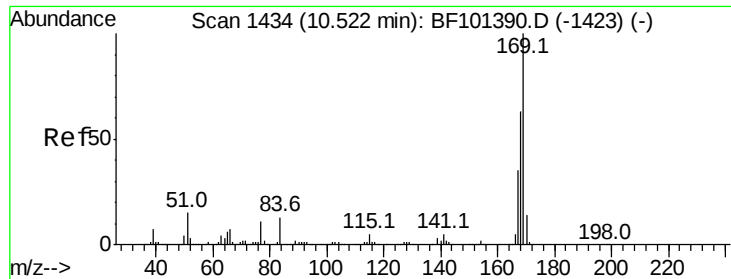
Sohil
12/15/2017 6:44:54 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 22.619 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	61.8	37.7	77.7
105	51.4	36.3	76.3





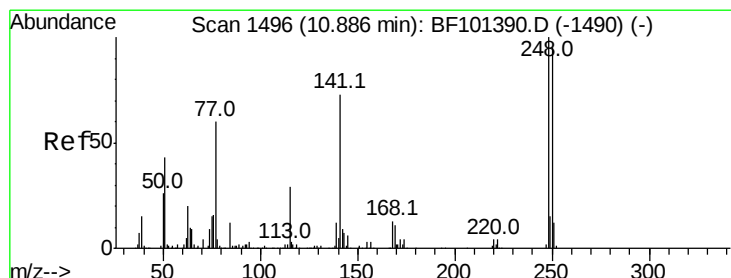
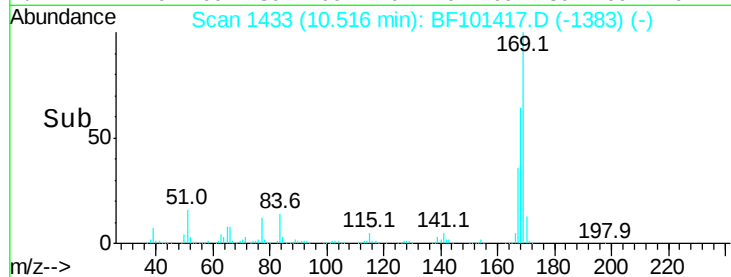
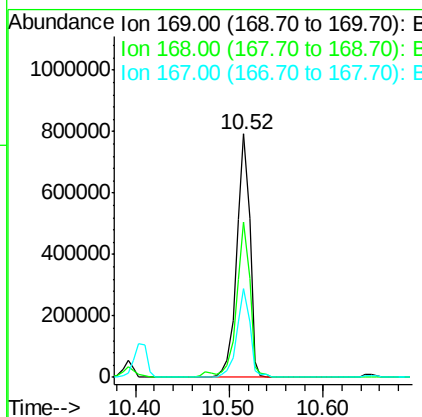
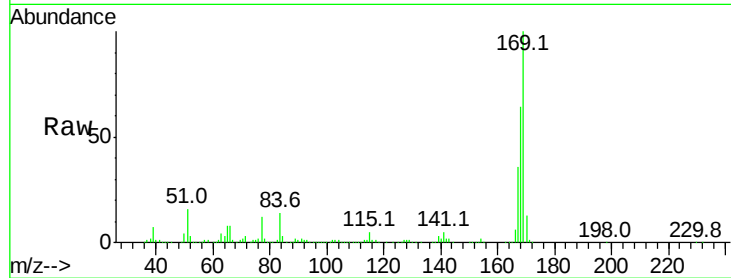
#65
n-Nitrosodiphenylamine
Concen: 31.563 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	763646		
168	63.9		54.4	81.6
167	36.5		29.8	44.6

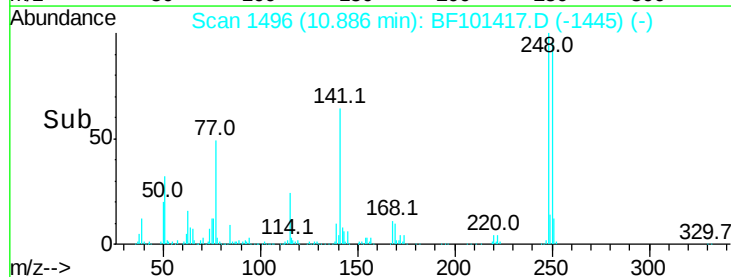
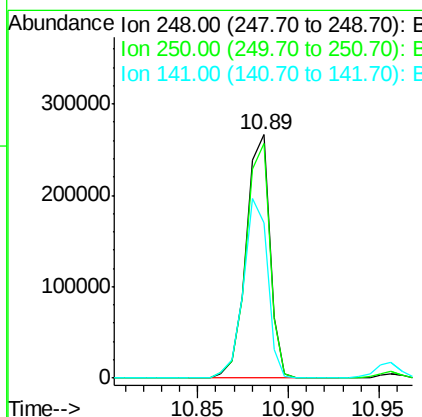
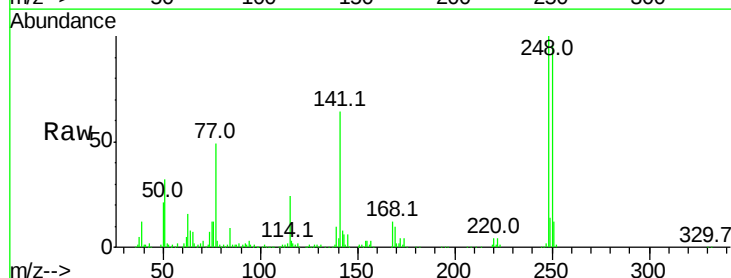
Manual Integrations
APPROVED

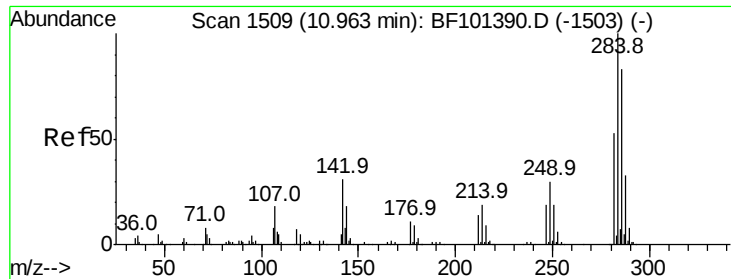
Sohil
12/15/2017 6:44:54 PM



#66
4-Bromophenyl-phenylether
Concen: 33.137 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	243967		
250	96.2		76.9	115.3
141	64.0		74.4	111.6#





#67

Hexachlorobenzene

Concen: 31.949 ng

RT: 10.96 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

DBEW-2-4-10MS

Tot Ion:284 Resp: 248955

Ion Ratio Lower Upper

284 100

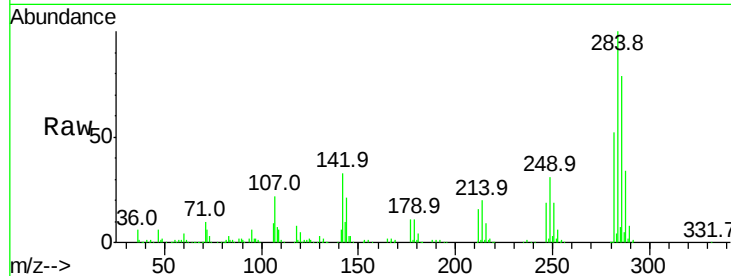
142 33.1 34.6 52.0#

249 31.4 24.8 37.2

Manual Integrations
APPROVED

Sohil

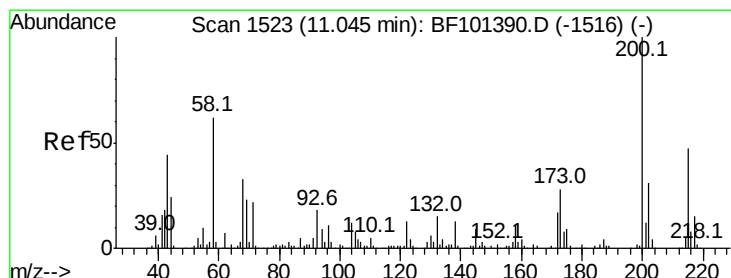
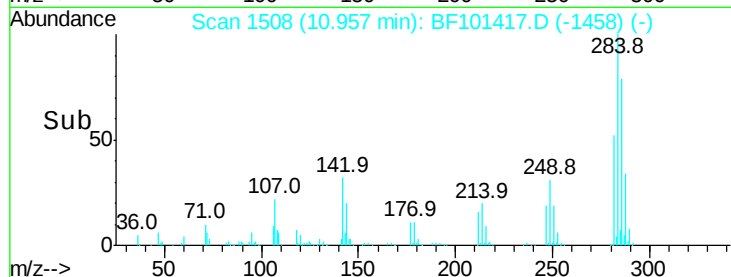
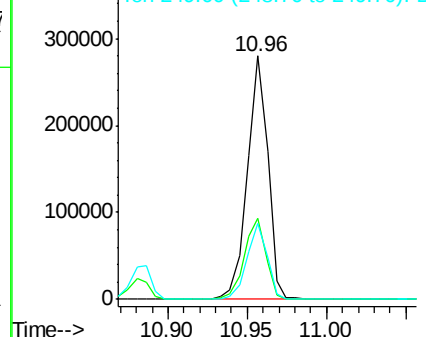
12/15/2017 6:44:54 PM



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: 32.599 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

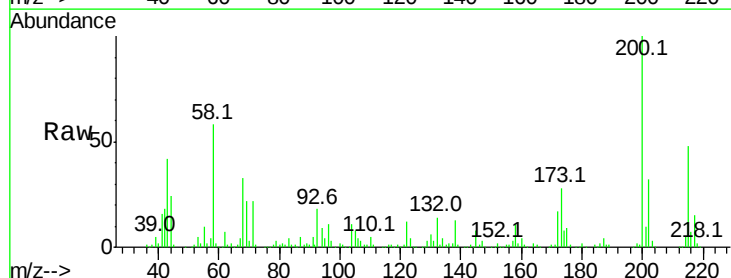
Tgt Ion:200 Resp: 235171

Ion Ratio Lower Upper

200 100

173 27.8 8.6 48.6

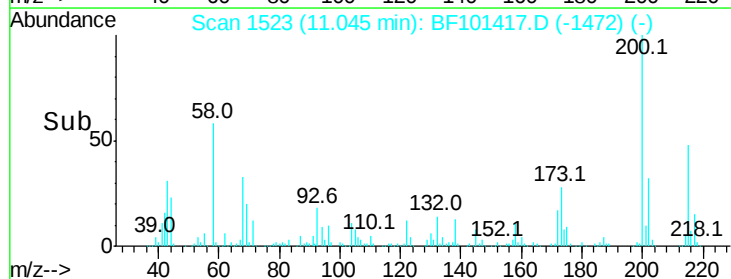
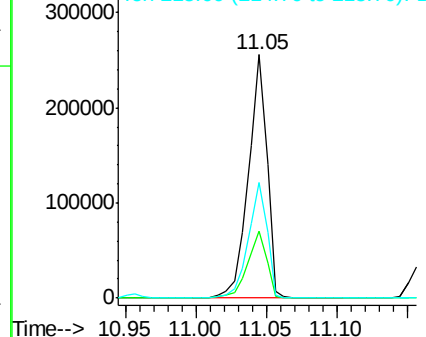
215 47.6 25.1 65.1

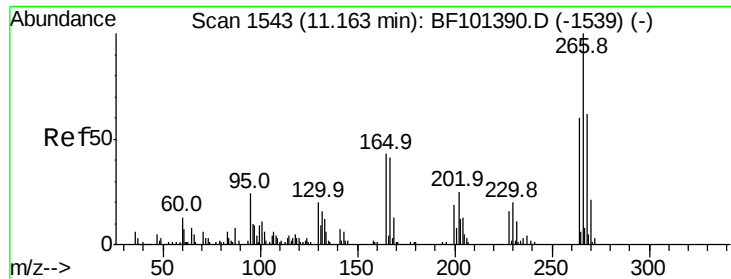


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





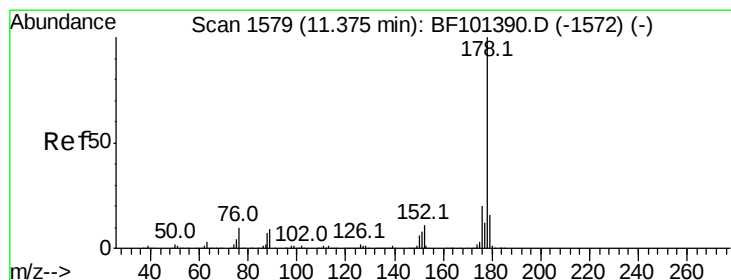
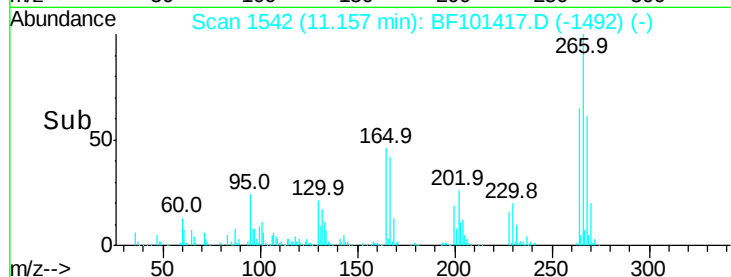
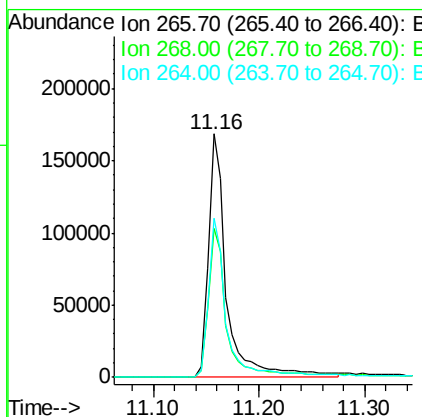
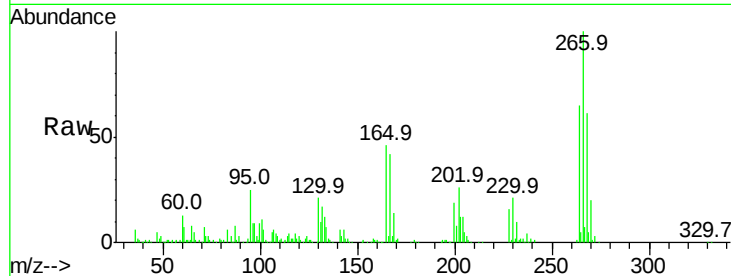
#69
 Pentachlorophenol
 Concen: 68.249 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-4-10MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	203628		
268	61.3		51.1	76.7
264	65.4		49.5	74.3

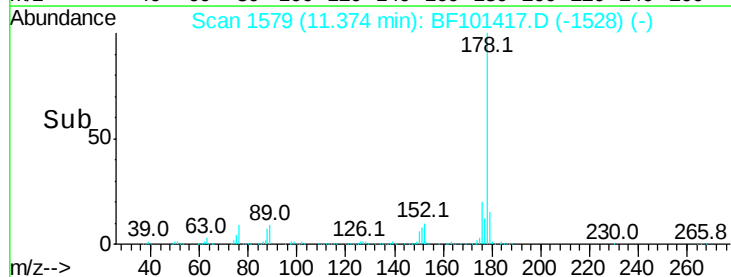
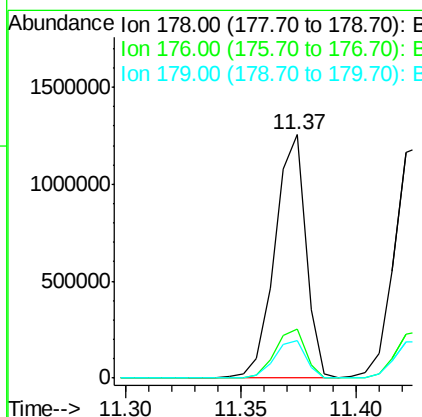
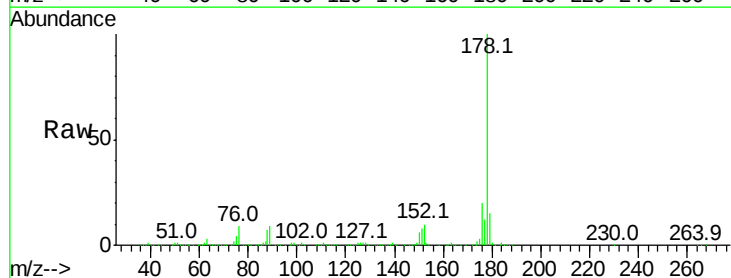
Manual Integrations
 APPROVED

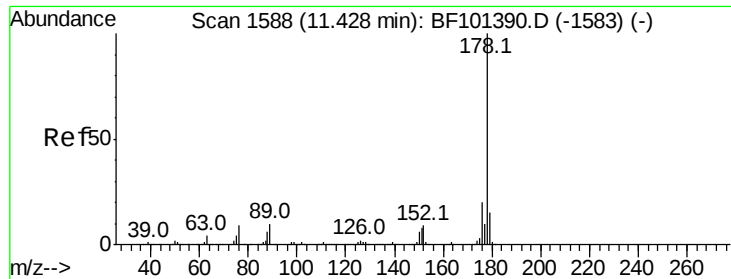
Sohil
 12/15/2017 6:44:54 PM



#70
 Phenanthrene
 Concen: 32.017 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1166663		
176	20.1		15.8	23.8
179	15.3		13.0	19.6





#71

Anthracene

Concen: 32.033 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

ClientSampleId :

DBEW-2-4-10MS

Tot Ion:178 Resp: 1192323

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

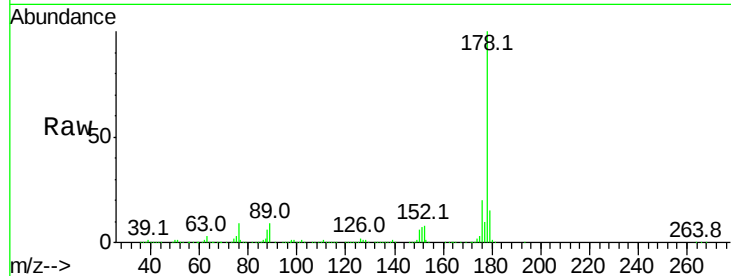
179 15.5 12.6 19.0

Manual Integrations

APPROVED

Sohil

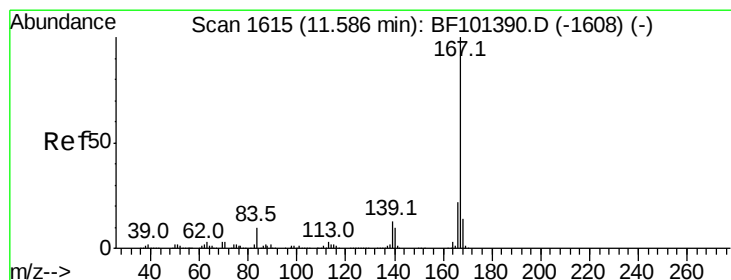
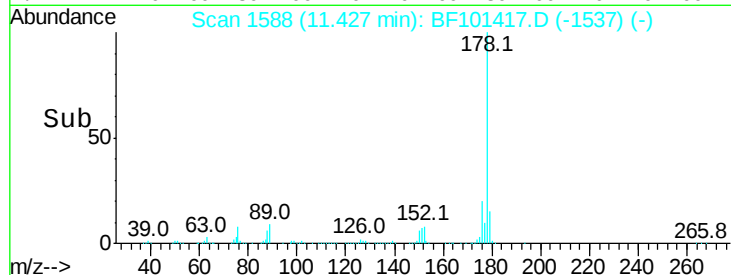
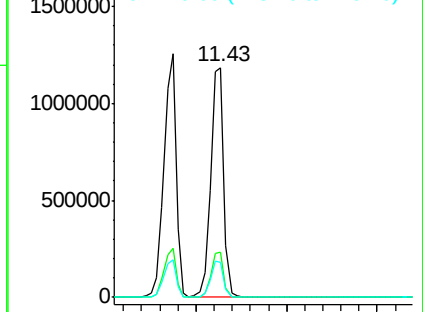
12/15/2017 6:44:54 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 31.431 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

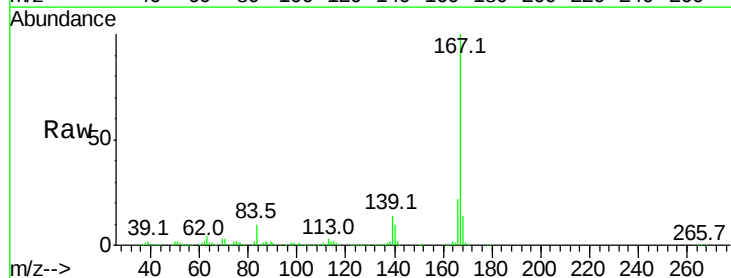
Tgt Ion:167 Resp: 1095336

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

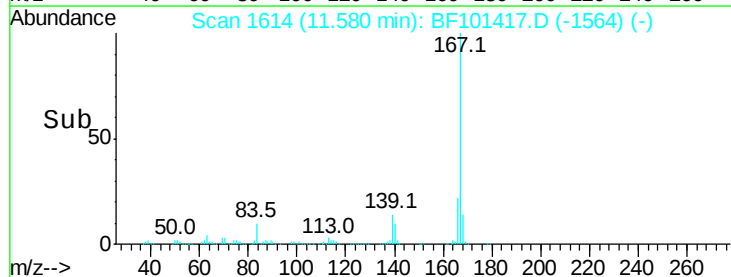
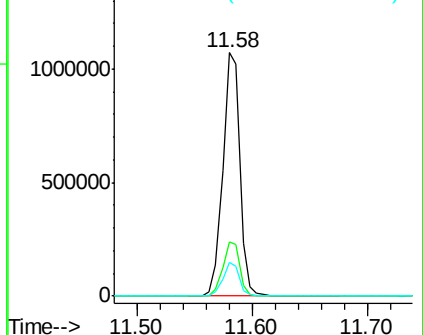
139 13.7 10.9 16.3

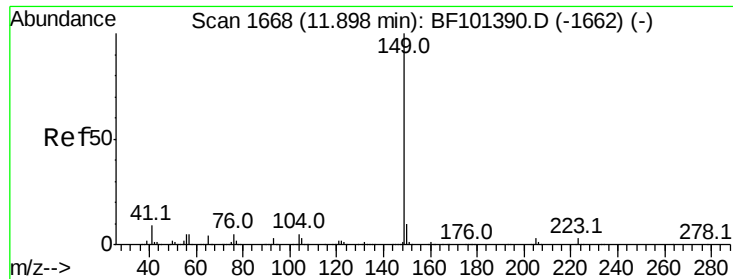


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.584 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

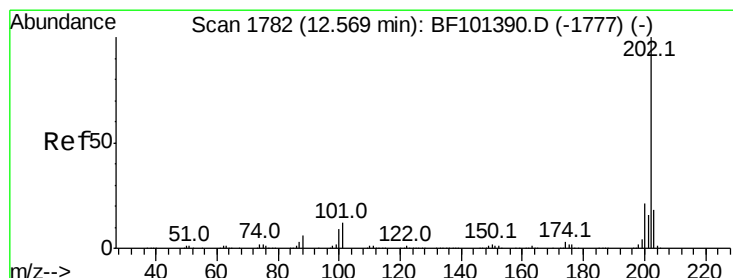
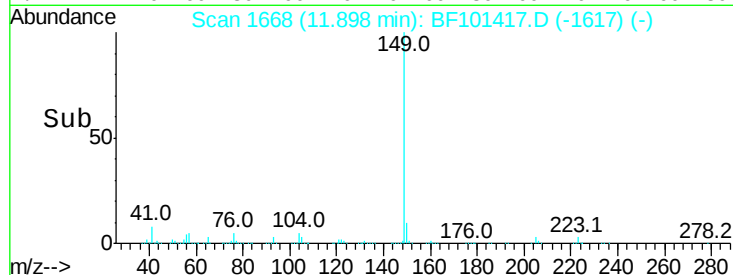
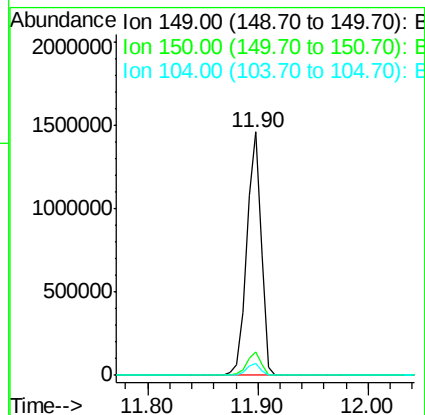
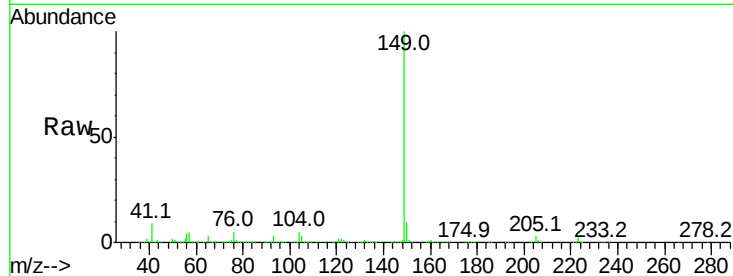
ClientSampleId :

DBEW-2-4-10MS

Tot Ion:	149	Resp:	1335902
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 31.225 ng

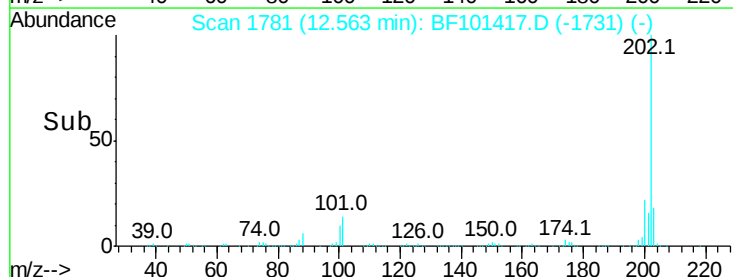
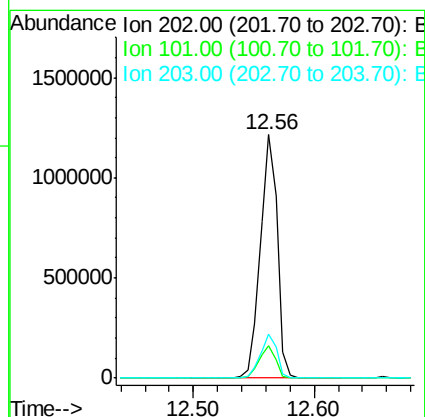
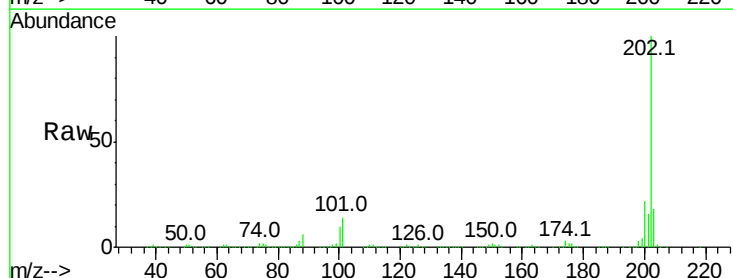
RT: 12.56 min Scan# 1781

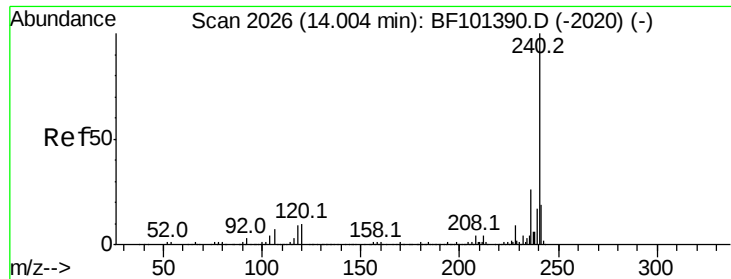
Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:	202	Resp:	1194284
Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

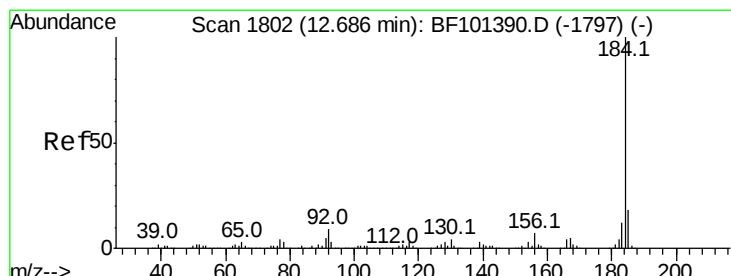
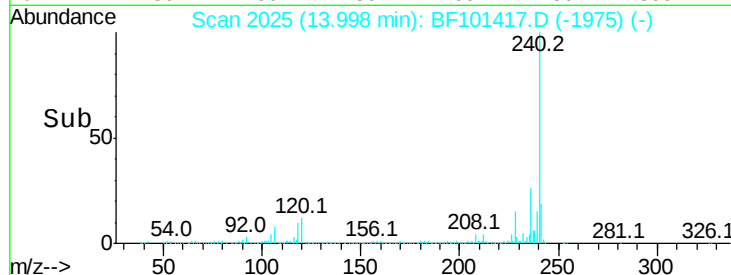
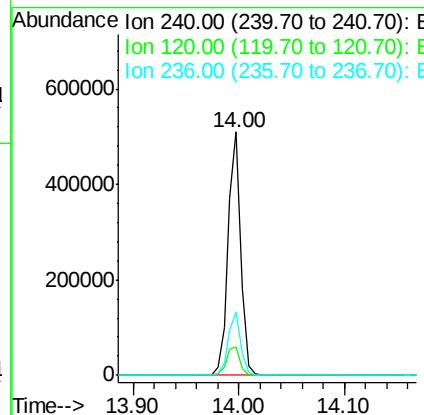
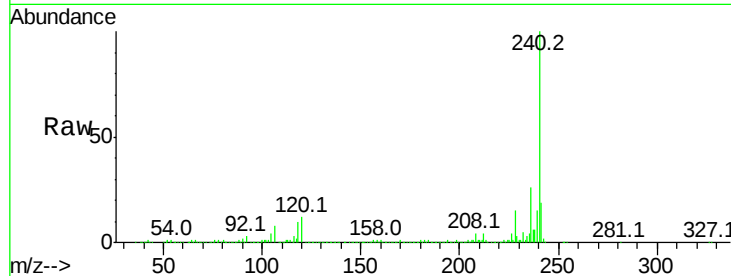
ClientSampleId :

DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 17.896 ng

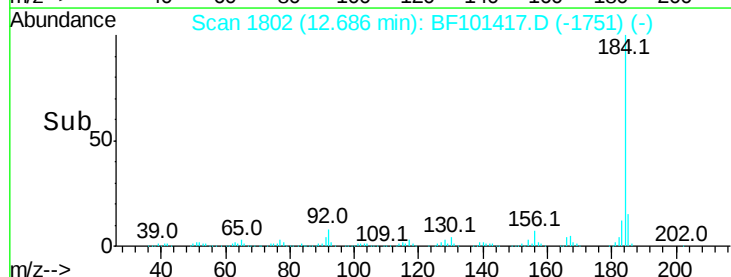
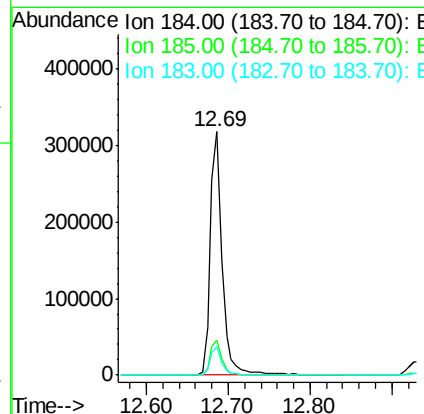
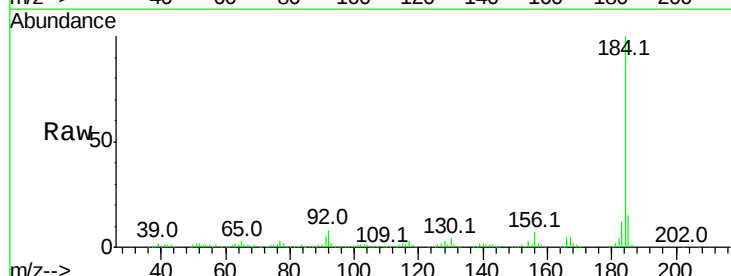
RT: 12.69 min Scan# 1802

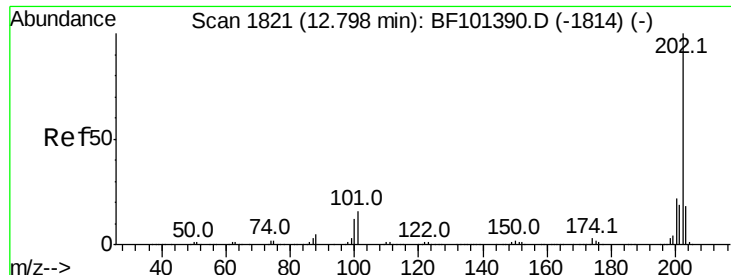
Delta R.T. -0.00 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	11.7	9.3	13.9





#77

Pvrene

Concen: 37.176 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

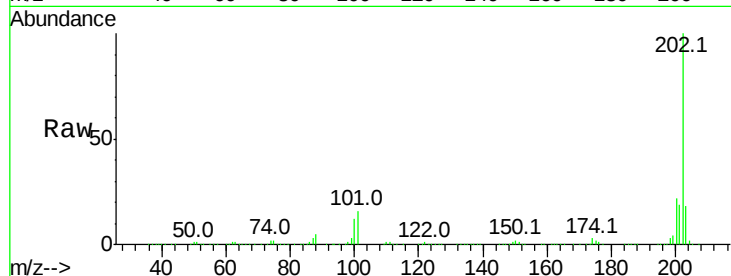
ClientSampleId :

DBEW-2-4-10MS

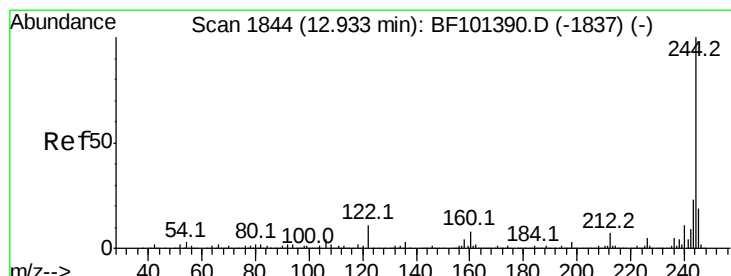
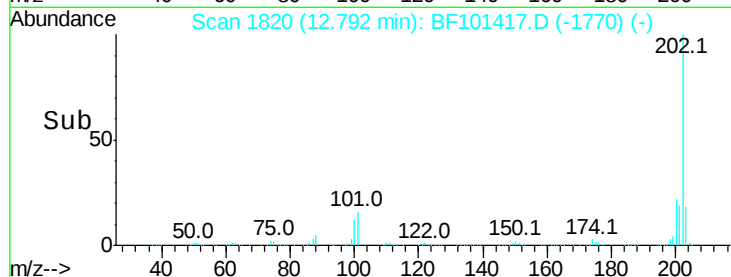
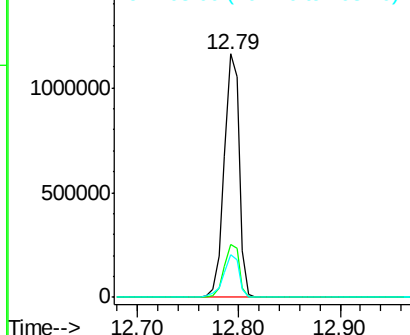
Tot Ion:	202	Resp:	1195155
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.098 ng

RT: 12.93 min Scan# 1844

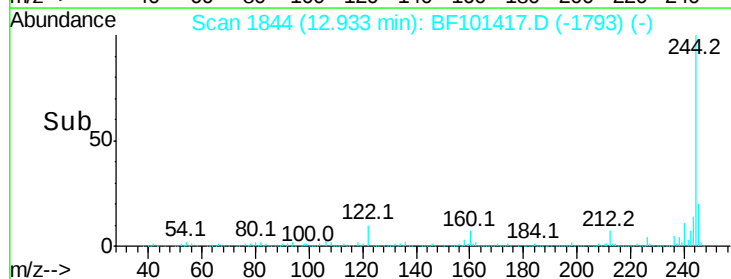
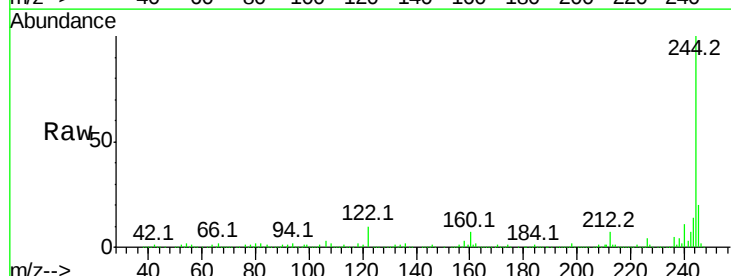
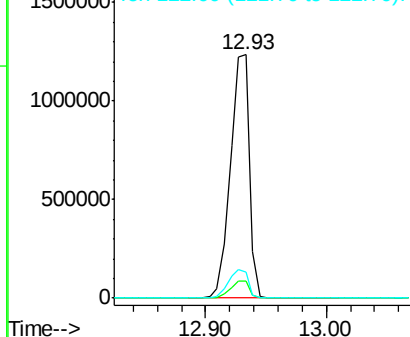
Delta R.T. -0.00 min

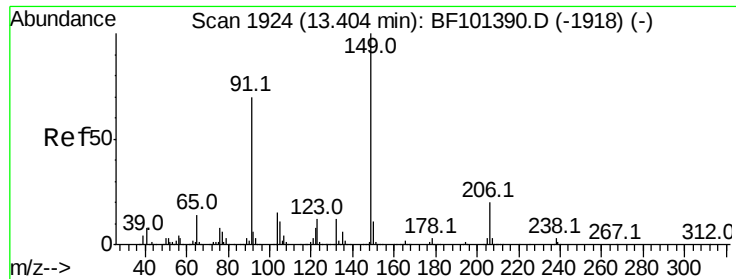
Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:	244	Resp:	1352160
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	10.5	11.0	16.4#

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





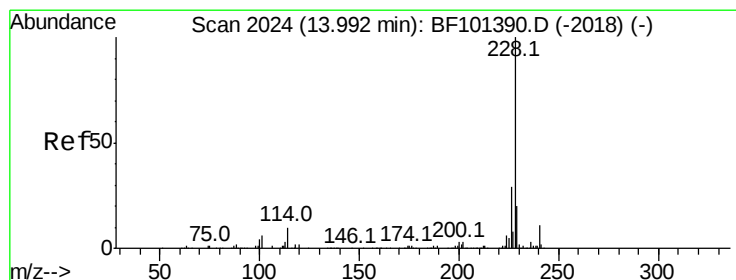
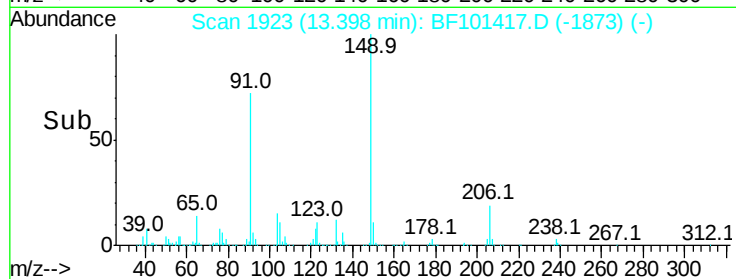
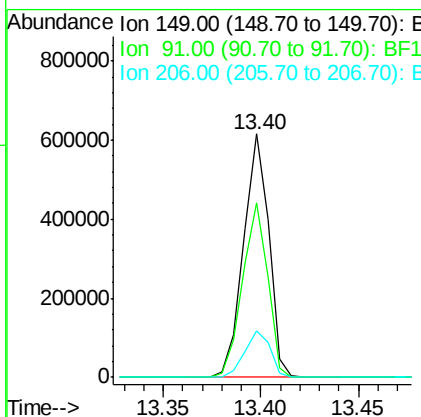
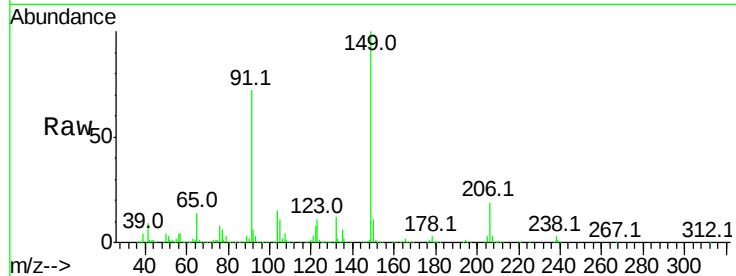
#79
Butylbenzylphthalate
Concen: 38.064 ng
RT: 13.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion:	149	Resp:	553701
Ion Ratio	Lower	Upper	
149	100		
91	71.7	56.8	85.2
206	19.2	14.1	21.1

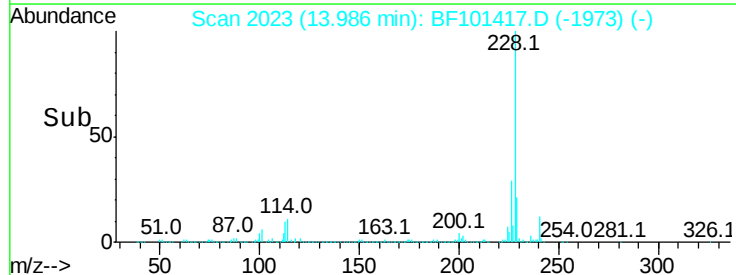
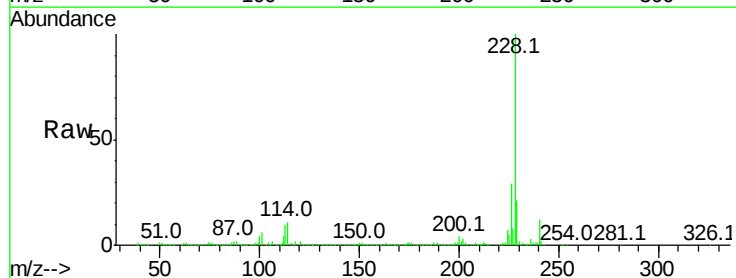
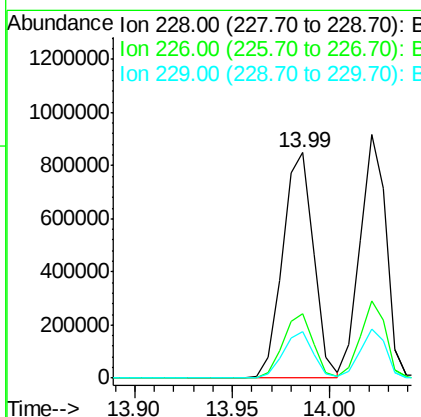
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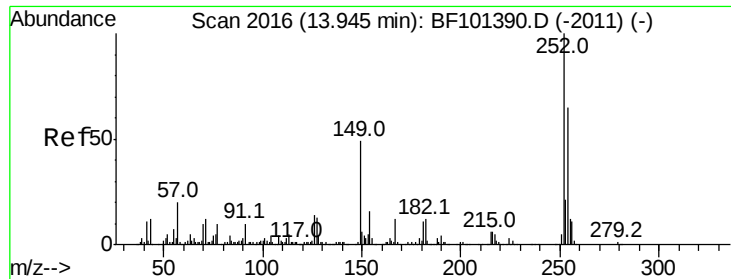
Sohil
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#80
Benzo(a)anthracene
Concen: 32.917 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion:	228	Resp:	931060
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.6	33.8
229	20.5	15.8	23.6





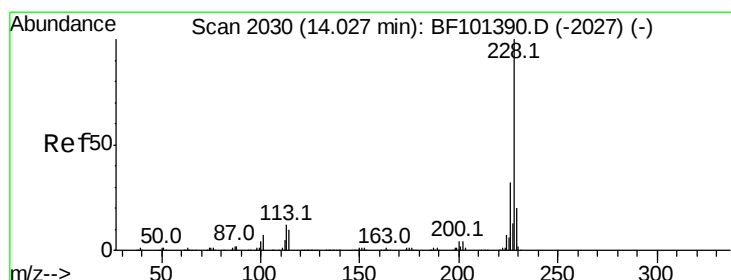
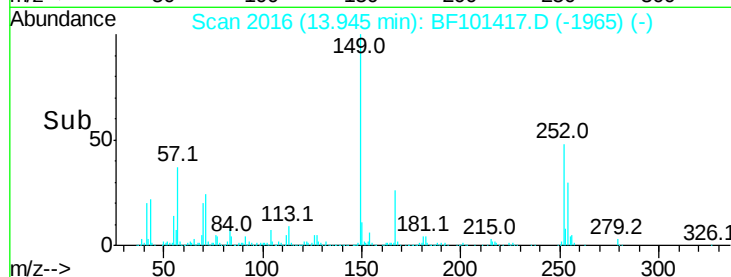
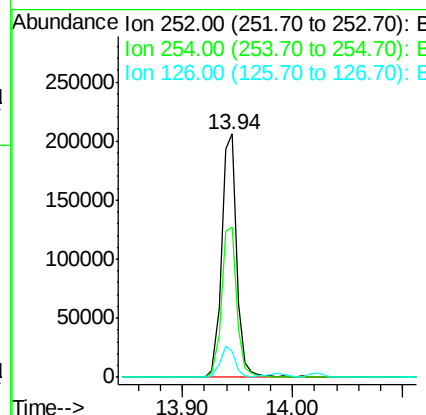
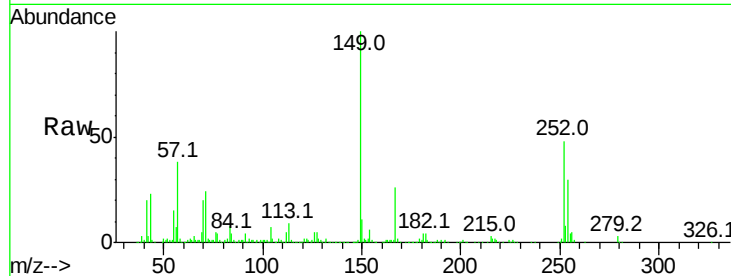
#81
3,3'-Dichlorobenzidine
Concen: 21.273 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	61.7	50.4	75.6
126	10.5	11.3	16.9

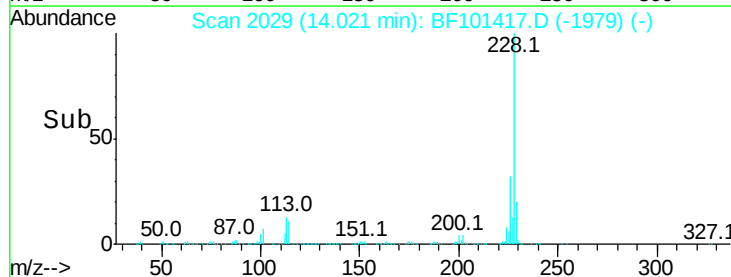
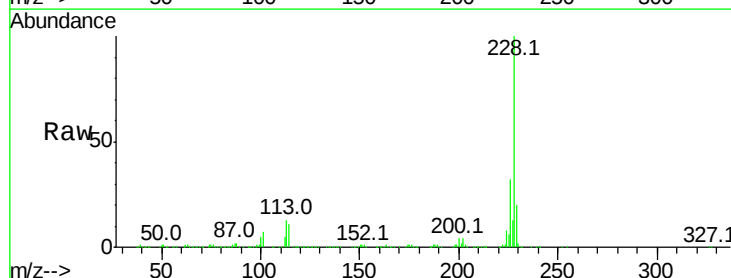
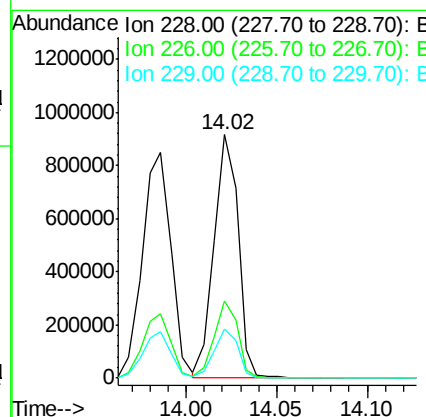
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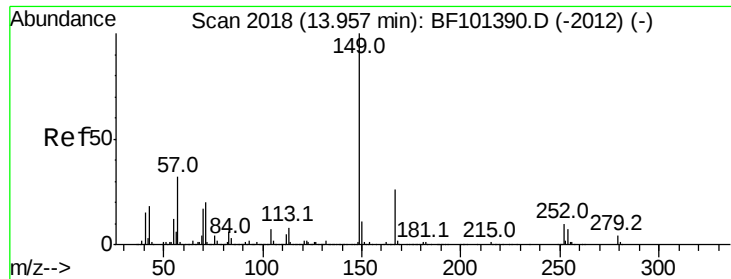
Sohil
12/15/2017 6:44:54 PM



#82
Chrysene
Concen: 31.819 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.7	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.694 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Instrument :

BNA_F

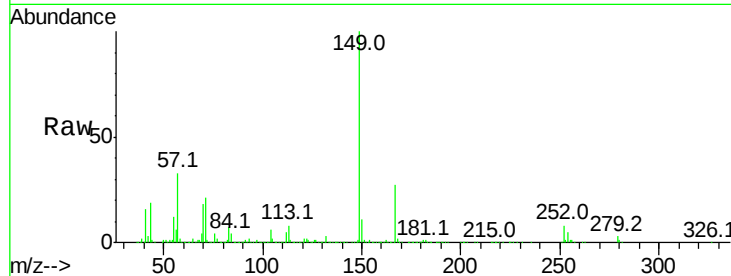
ClientSampleId :

DBEW-2-4-10MS

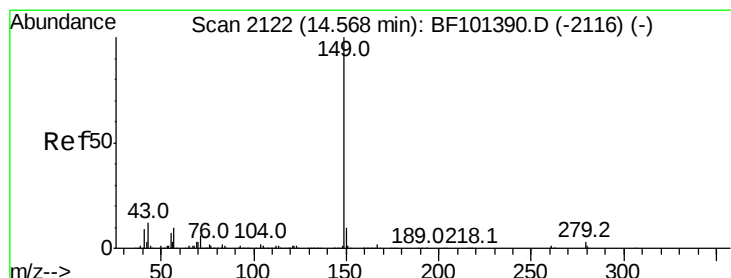
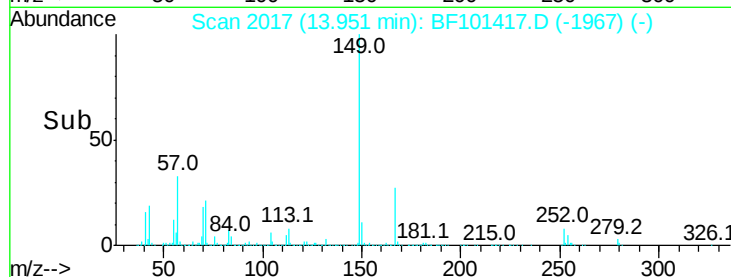
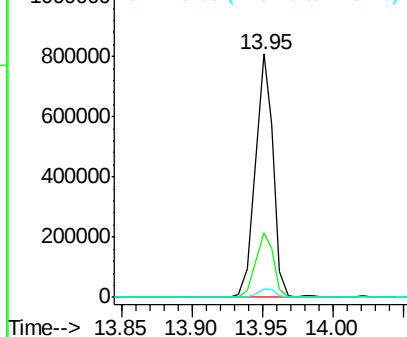
Tot Ion:	149	Resp:	712926
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.3	31.9
279	3.5	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.090 ng

RT: 14.56 min Scan# 2121

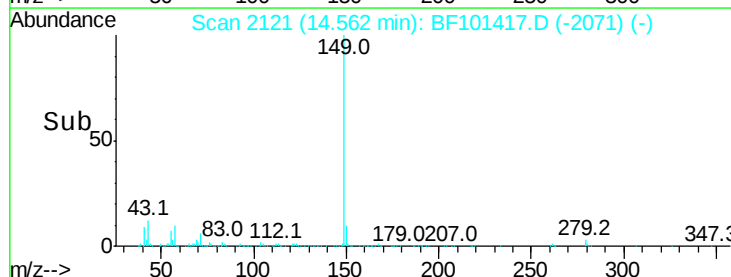
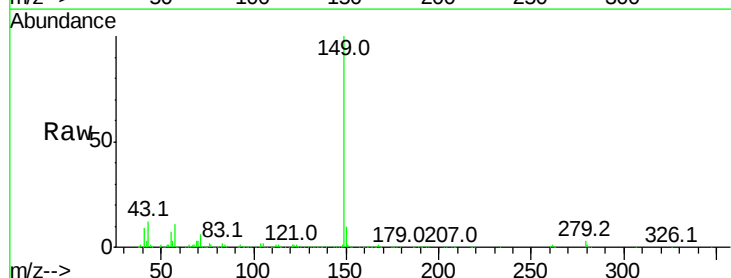
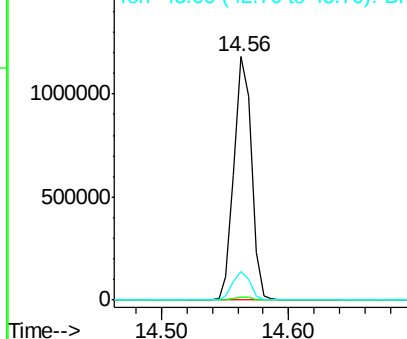
Delta R.T. -0.01 min

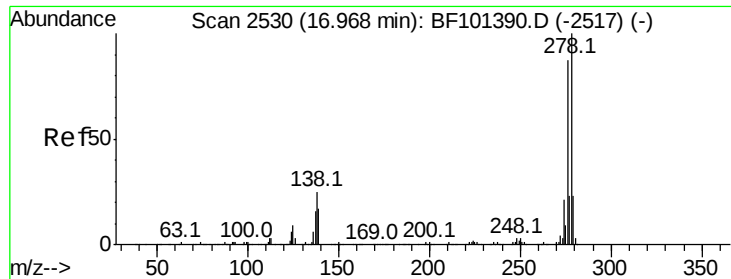
Lab File: BF101417.D

Acq: 15 Dec 2017 2:04

Tgt Ion:	149	Resp:	1120162
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.6	8.4	12.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





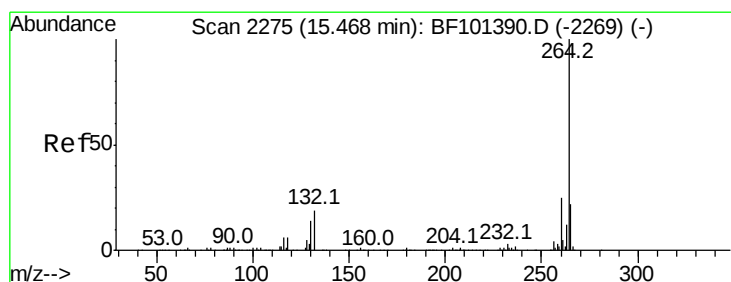
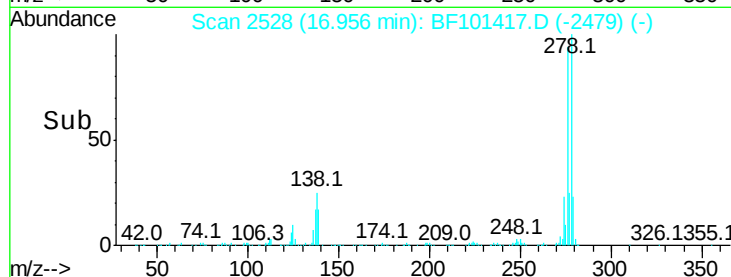
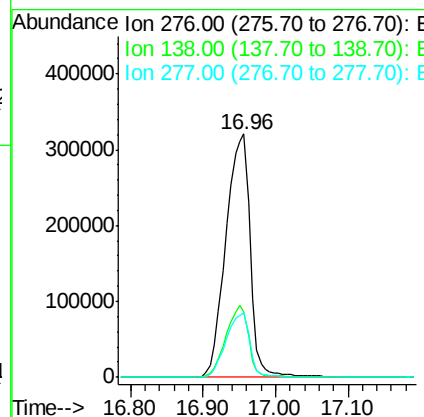
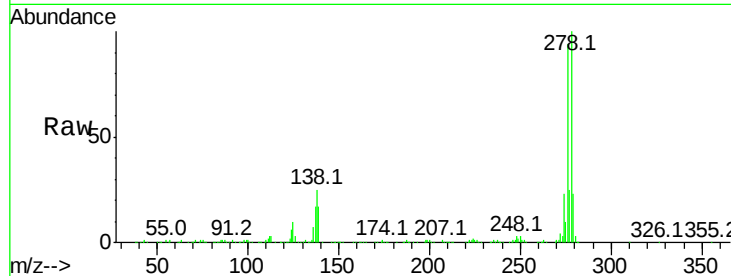
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.558 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	25.0	37.6
277	25.6	20.1	30.1

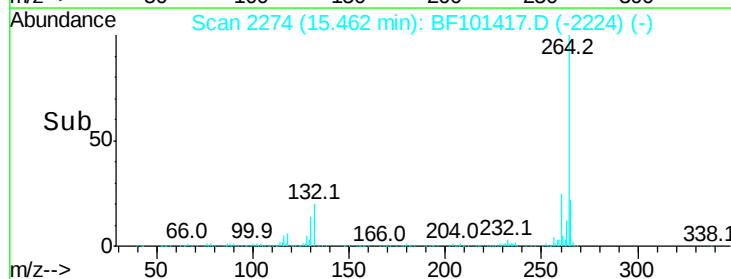
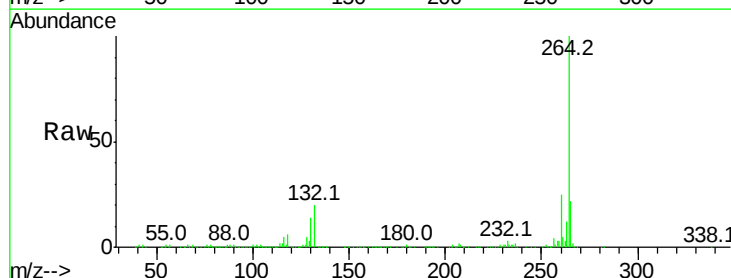
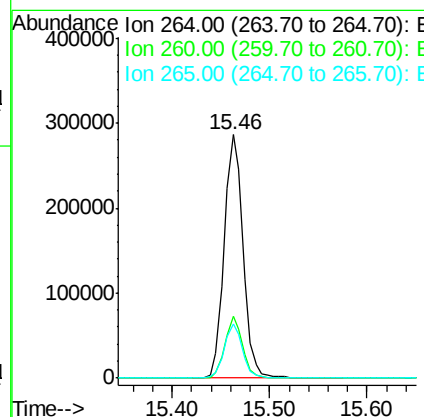
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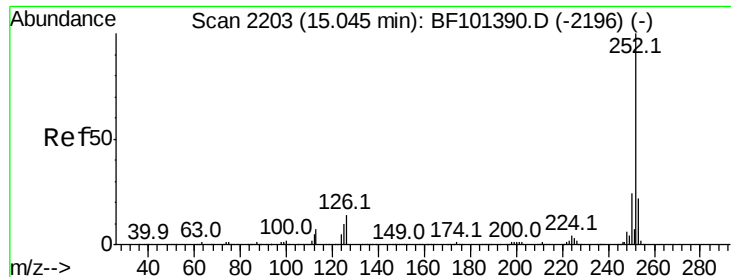
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	22.2	17.5	26.3





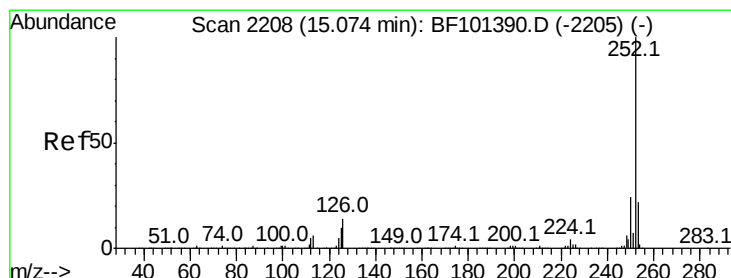
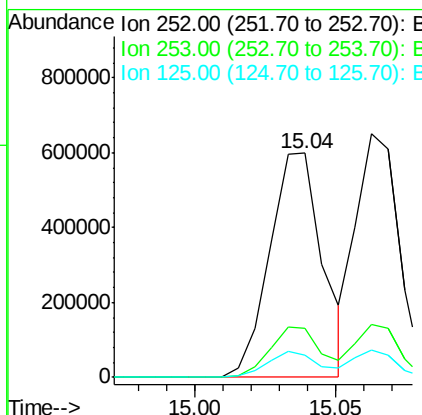
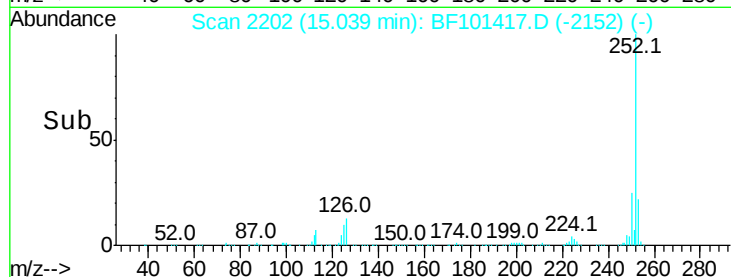
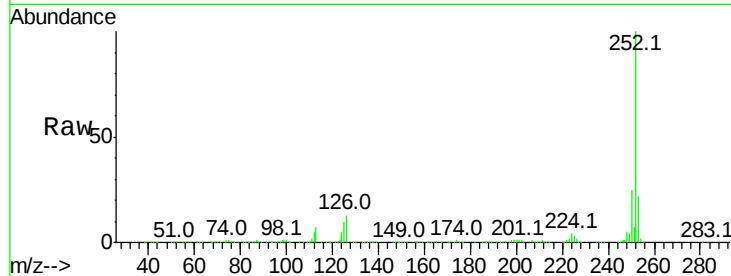
#87
Benzo(b)fluoranthene
Concen: 33.338 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.0	9.0	13.6

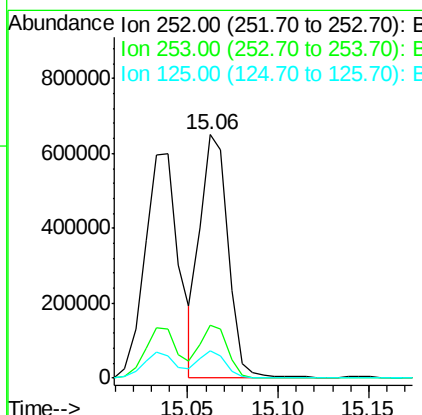
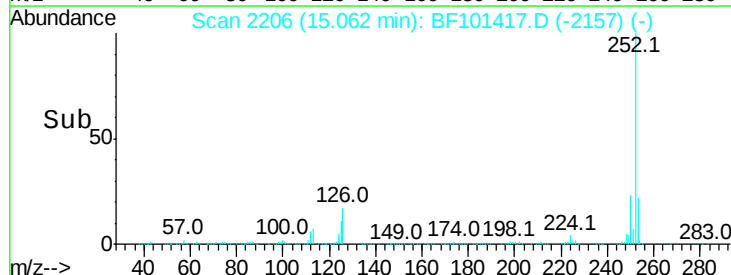
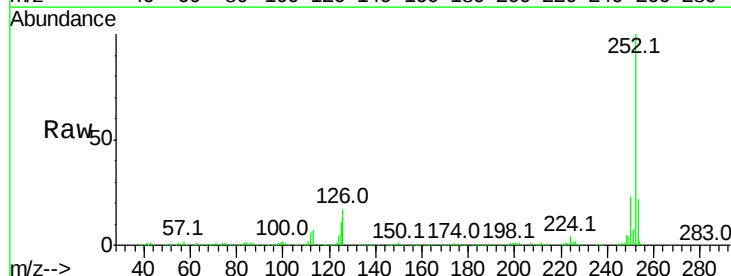
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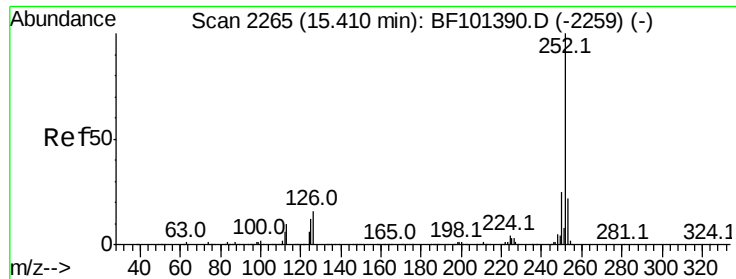
Sohil
12/15/2017 6:44:54 PM



#88
Benzo(k)fluoranthene
Concen: 30.307 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.1	10.2	15.2





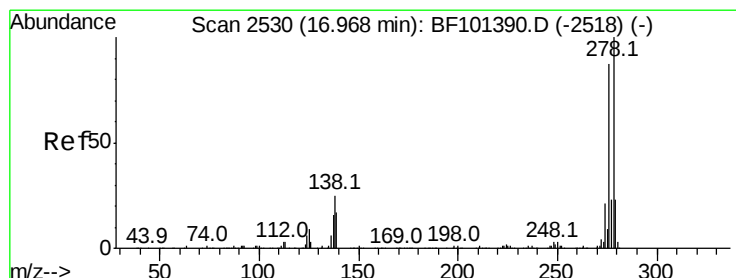
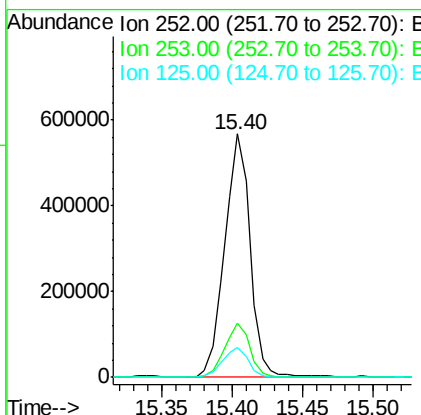
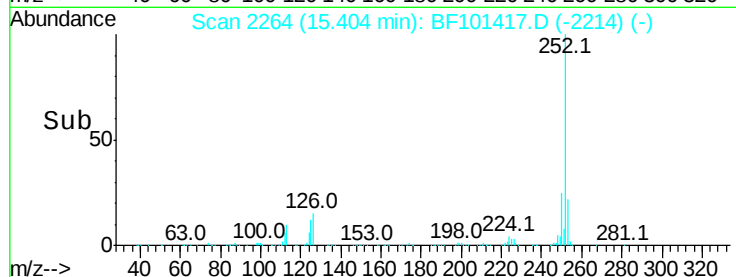
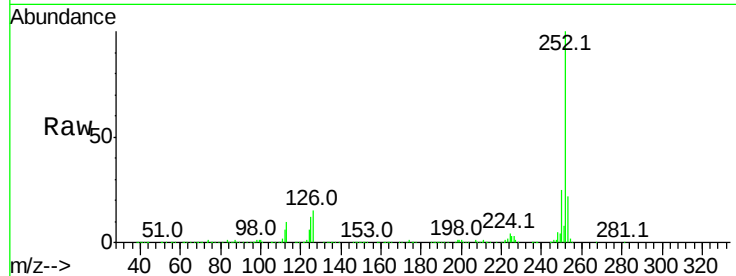
#89
Benzo(a)pyrene
Concen: 32.811 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Instrument :
BNA_F
ClientSampleId :
DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.1	9.8	14.6

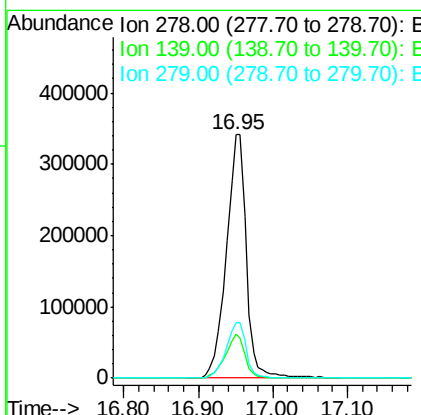
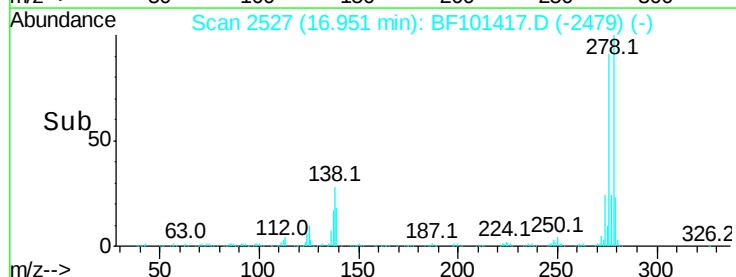
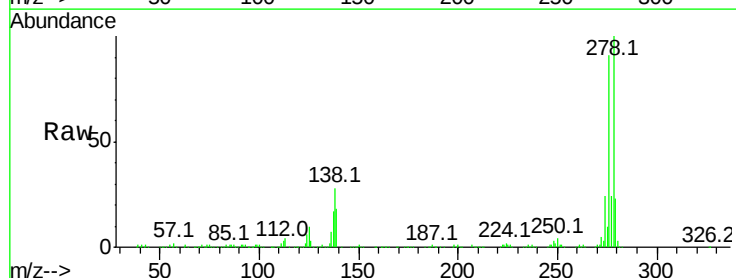
Manual Integrations
APPROVED

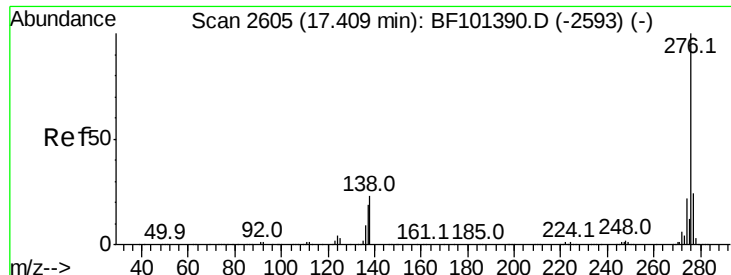
Sohil
12/15/2017 6:44:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.479 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF101417.D
Acq: 15 Dec 2017 2:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.9	23.9
279	22.9	19.0	28.4





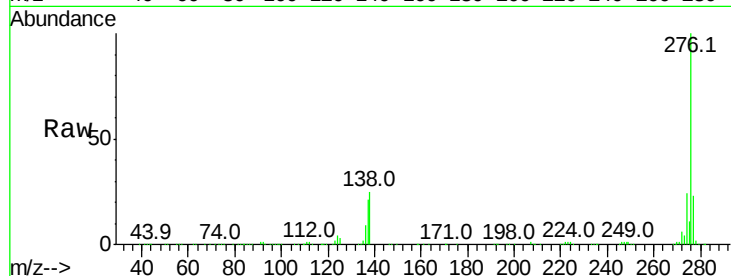
#91
 Benzo(a,h,i)perylene
 Concen: 35.128 ng
 RT: 17.39 min Scan# 2602
 Delta R.T. -0.02 min
 Lab File: BF101417.D
 Acq: 15 Dec 2017 2:04

Instrument :
 BNA_F
 ClientSampleId :
 DBEW-2-4-10MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	24.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/15/2017 6:44:54 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

