

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105170.D
 Acq On : 9 May 2018 2:58
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:36 PM

Quant Time: May 09 11:57:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217829	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	848436	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	416300	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	809338	20.00	ng	0.00
75) Chrysene-d12	14.02	240	630384	20.00	ng	0.00
86) Perylene-d12	15.56	264	584279	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	936045	70.79	ng	0.00
7) Phenol-d6	6.42	99	1144778	72.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	1004037	80.20	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	361370	78.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1821505	67.91	ng	0.00
78) Terphenyl-d14	12.91	244	1840382	67.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	235299	33.658	ng	89
3) Pyridine	3.24	79	646349	34.475	ng	86
4) n-Nitrosodimethylamine	3.20	42	325865	34.292	ng	89
6) Aniline	6.46	93	792274	34.456	ng	96
8) 2-Chlorophenol	6.57	128	511617	36.476	ng	94
9) Benzaldehyde	6.35	77	411334	34.086	ng	100
10) Phenol	6.43	94	626249	35.743	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	493440	34.171	ng	93
12) 1,3-Dichlorobenzene	6.73	146	583590	34.518	ng	98
13) 1,4-Dichlorobenzene	6.81	146	585580	34.638	ng	99
14) 1,2-Dichlorobenzene	6.96	146	536774	34.420	ng	100
15) Benzyl Alcohol	6.93	79	444998	36.930	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	884591	32.964	ng	98
17) 2-Methylphenol	7.04	107	431635	35.641	ng	97
18) Hexachloroethane	7.30	117	200341	36.826	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	361276	34.658	ng	92
20) 3+4-Methylphenols	7.20	107	513099	36.053	ng	# 86
22) Acetophenone	7.20	105	671907	33.975	ng	# 90
24) Nitrobenzene	7.38	77	540534	38.081	ng	99
25) Isophorone	7.62	82	976314	34.872	ng	99
26) 2-Nitrophenol	7.69	139	252465	45.190	ng	97
27) 2,4-Dimethylphenol	7.73	122	466035	37.458	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	607181	35.141	ng	99
29) 2,4-Dichlorophenol	7.93	162	430484	36.984	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	472874	35.226	ng	98
31) Naphthalene	8.10	128	1414624	34.628	ng	99
32) Benzoic acid	7.84	122	306721	43.653	ng	93
33) 4-Chloroaniline	8.15	127	597307	35.161	ng	97
34) Hexachlorobutadiene	8.22	225	274843	35.342	ng	99
35) Caprolactam	8.52	113	134931m	38.171	ng	
36) 4-Chloro-3-methylphenol	8.62	107	437360	36.090	ng	95
37) 2-Methylnaphthalene	8.79	142	990568	34.788	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	466054	35.181	ng	98
40) Hexachlorocyclopentadiene	8.94	237	297363	41.513	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	301053	37.248	nq	94
43) 2,4,5-Trichlorophenol	9.10	196	323743	38.334	nq	92
45) 1,1'-Biphenyl	9.25	154	1179194	34.765	nq	99
46) 2-Chloronaphthalene	9.27	162	890370	35.122	nq	99
47) 2-Nitroaniline	9.37	65	294202	41.224	nq	95
48) Acenaphthylene	9.69	152	1383323	35.331	nq	98
49) Dimethylphthalate	9.56	163	1017857	36.116	nq	98
50) 2,6-Dinitrotoluene	9.62	165	243763	39.862	nq	96
51) Acenaphthene	9.86	154	909885	36.059	nq	99
52) 3-Nitroaniline	9.79	138	258811	40.180	nq	98
53) 2,4-Dinitrophenol	9.89	184	113621	53.588	nq #	18
54) Dibenzofuran	10.03	168	1282606	34.749	nq	99
55) 4-Nitrophenol	9.93	139	212517	38.990	nq	97
56) 2,4-Dinitrotoluene	10.02	165	320772	40.095	nq	96
57) Fluorene	10.38	166	919850	33.981	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	287159	38.093	nq #	88
59) Diethylphthalate	10.26	149	1028518	37.134	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	449939	35.706	nq	90
61) 4-Nitroaniline	10.40	138	257678	40.202	nq	99
62) Azobenzene	10.53	77	1006622	34.840	nq	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	155732	50.058	nq	89
65) n-Nitrosodiphenylamine	10.49	169	872101	34.568	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	308347	35.722	nq #	87
67) Hexachlorobenzene	10.92	284	352330	35.425	nq #	88
68) Atrazine	11.02	200	285838	36.149	nq	96
69) Pentachlorophenol	11.12	266	216608	38.627	nq	99
70) Phenanthrene	11.34	178	1443808	33.837	nq	99
71) Anthracene	11.39	178	1499814	34.594	nq	100
72) Carbazole	11.54	167	1360611	34.827	nq	99
73) Di-n-butylphthalate	11.88	149	1548412	37.056	nq	99
74) Fluoranthene	12.53	202	1584629	35.641	nq	98
76) Benzidine	12.66	184	820299	34.847	nq	96
77) Pyrene	12.76	202	1598010	34.852	nq	99
79) Butylbenzylphthalate	13.40	149	643889	40.171	nq	94
80) Benzo(a)anthracene	14.00	228	1311167	34.296	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	529657	36.851	nq #	96
82) Chrysene	14.04	228	1364817	34.664	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	778813	41.084	nq	99
84) Di-n-octyl phthalate	14.69	149	1401629	39.551	nq	98
85) Indeno(1,2,3-cd)pyrene	17.01	276	1094950	35.093	nq	94
87) Benzo(b)fluoranthene	15.14	252	1291598	36.133	nq	97
88) Benzo(k)fluoranthene	15.17	252	1251344	36.102	nq #	97
89) Benzo(a)pyrene	15.50	252	1201154	36.947	nq #	97
90) Dibenzo(a,h)anthracene	17.03	278	909973	36.038	nq	96
91) Benzo(g,h,i)perylene	17.45	276	888411	35.964	nq #	93

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

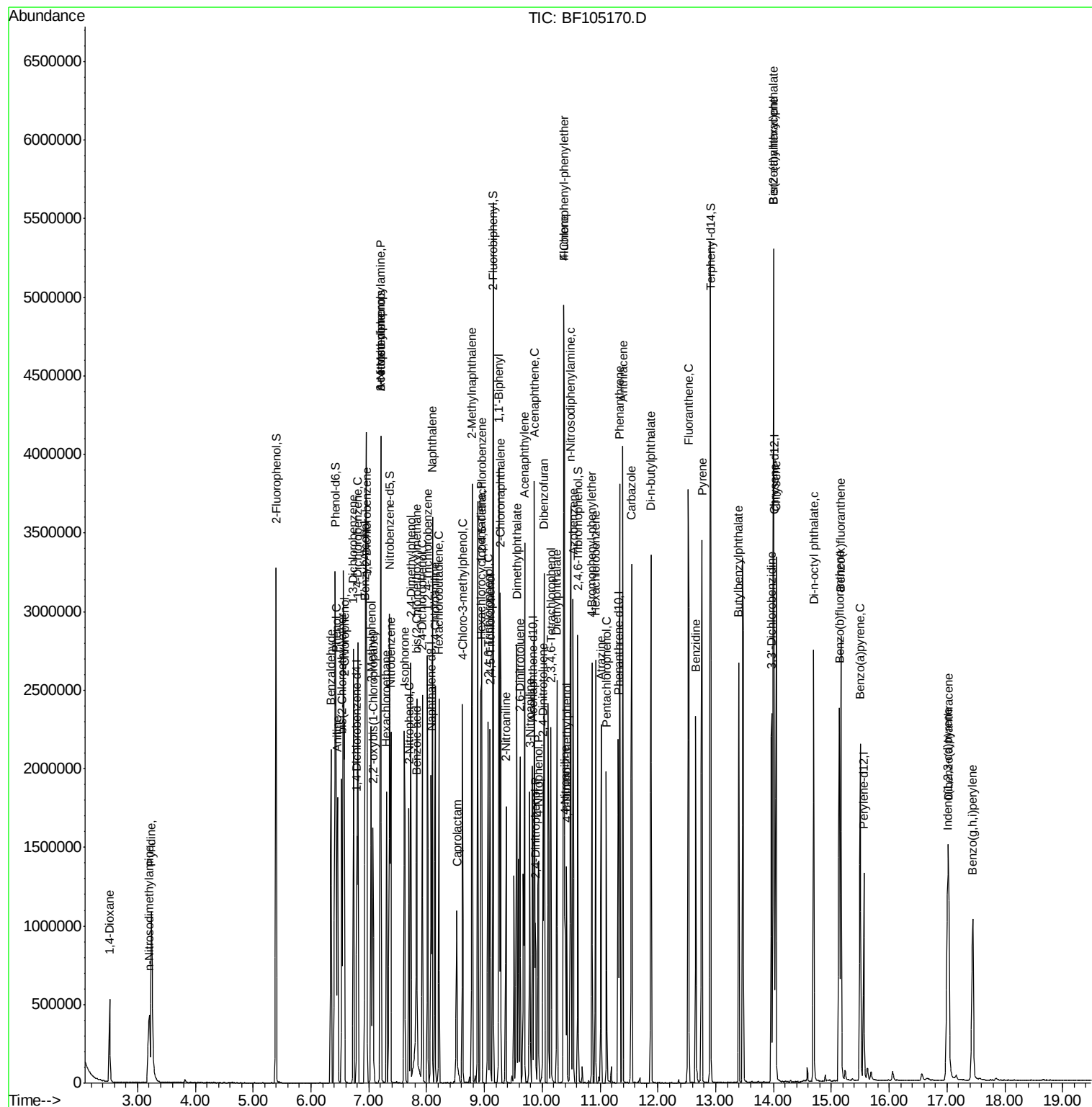
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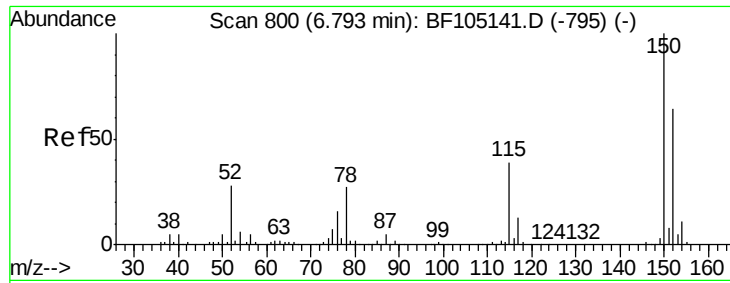
Instrument :
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#1

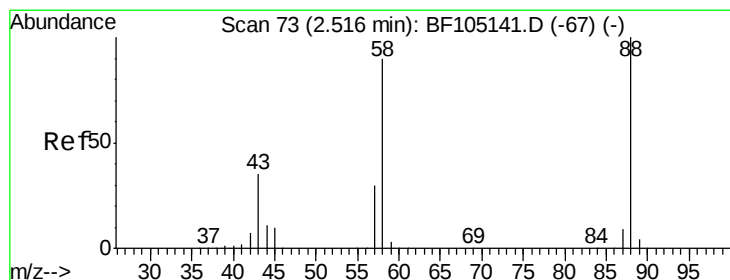
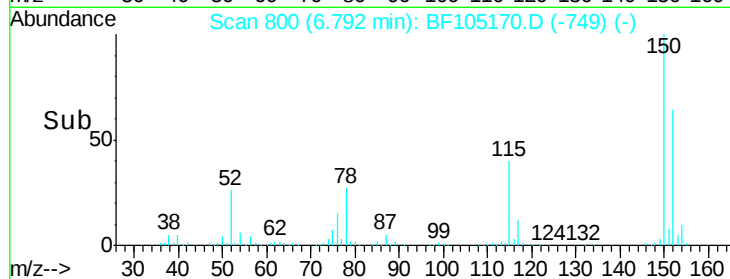
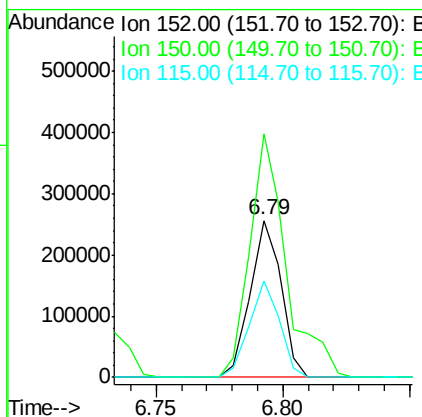
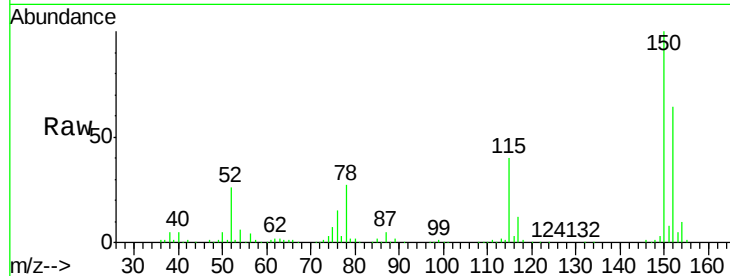
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	61.4	50.1	75.1

Manual Integrations
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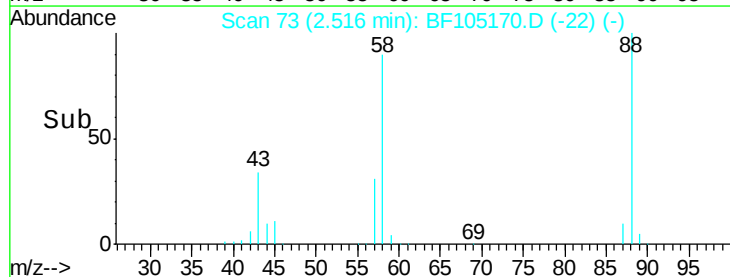
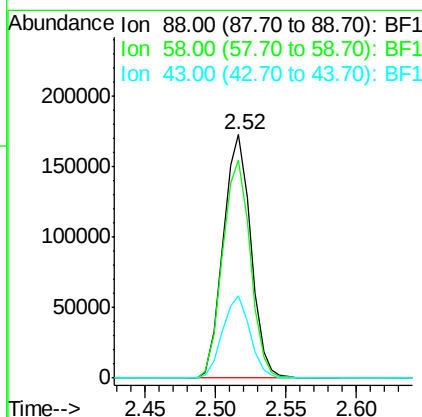
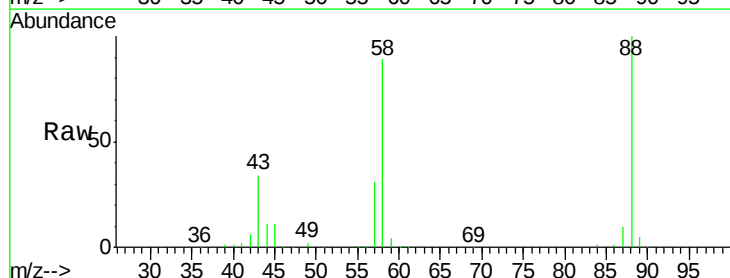
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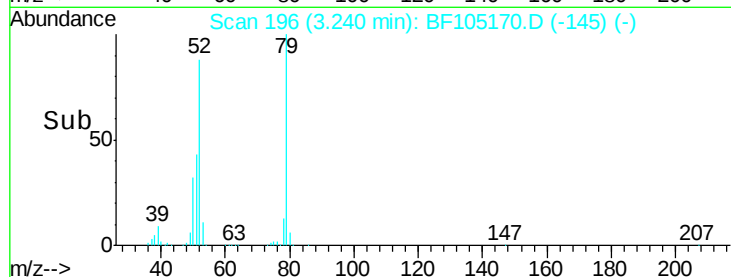
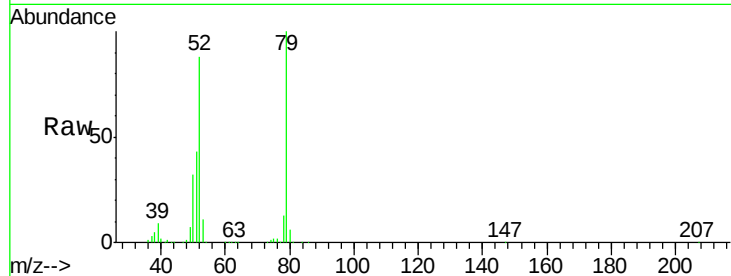
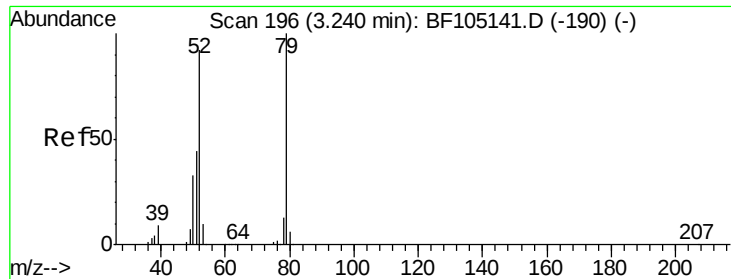


#2

1,4-Dioxane
Concen: 33.658 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.3	62.6	93.8
43	33.6	24.6	37.0





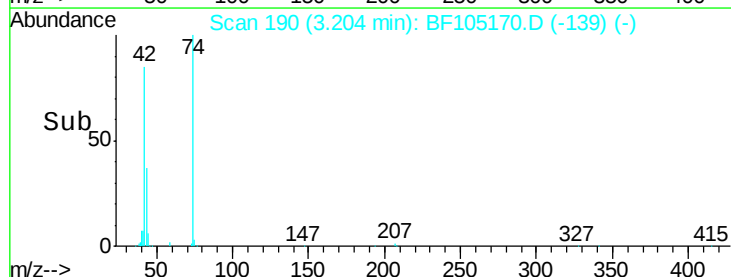
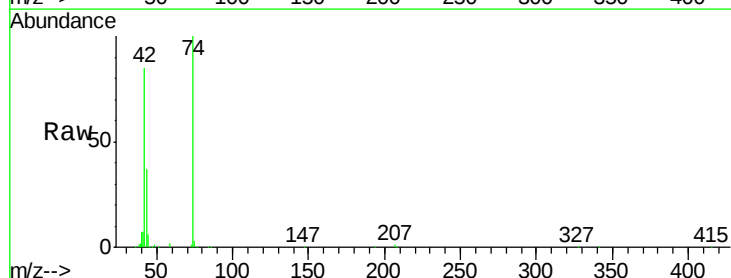
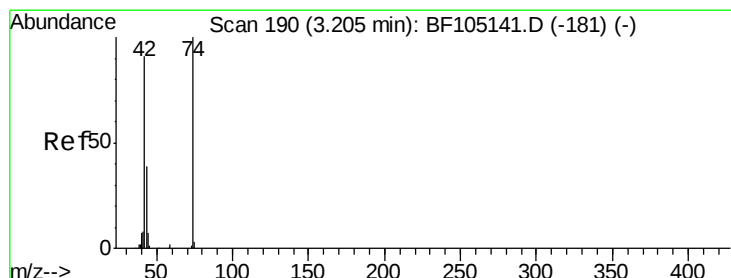
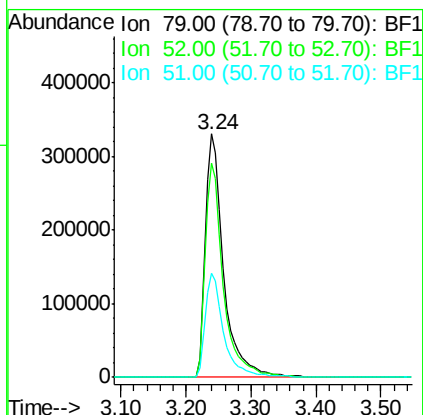
#3
 Pvridine
 Concen: 34.475 ng
 RT: 3.24 min Scan# 196
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	88.2	59.8	89.6	
51	51	42.9	29.8	44.8	

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

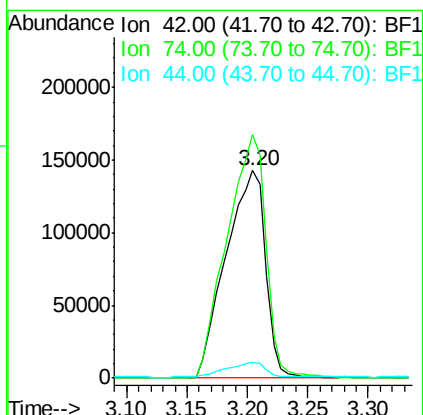
Manual Integrations
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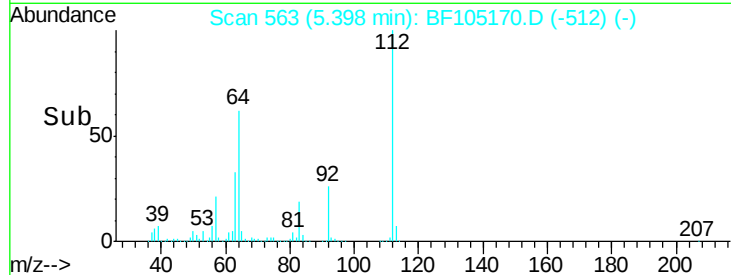
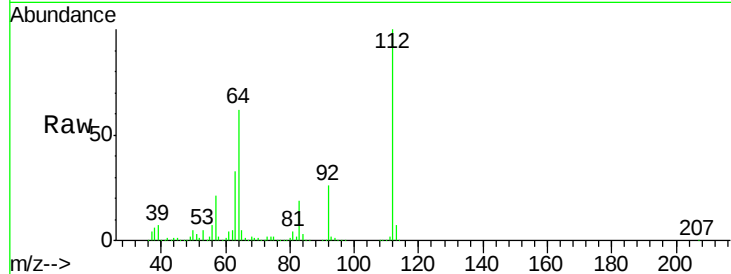
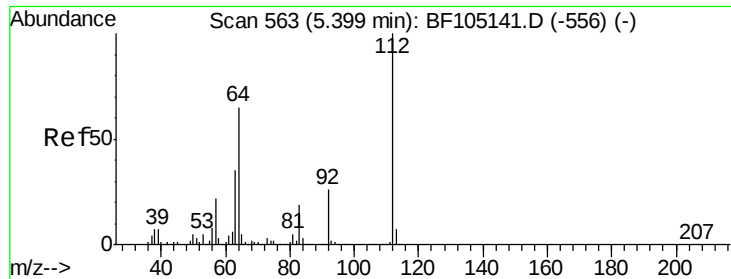
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#4
 n-Nitrosodimethylamine
 Concen: 34.292 ng
 RT: 3.20 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	117.4	104.9	157.3	
44	44	7.4	6.9	10.3	





#5

2-Fluorophenol

Concen: 70.793 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tot Ion:	112	Resp:	936045
Ion Ratio	Lower	Upper	
112	100		
64	61.7	47.9	71.9
63	33.3	23.7	35.5

Instrument :

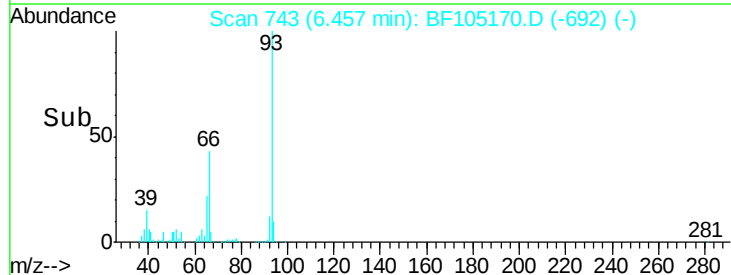
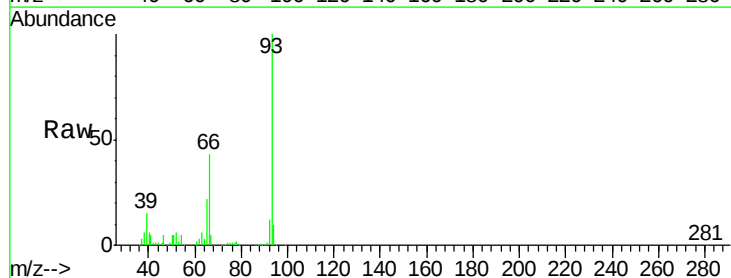
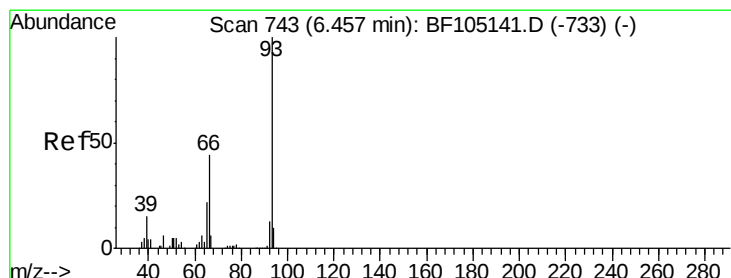
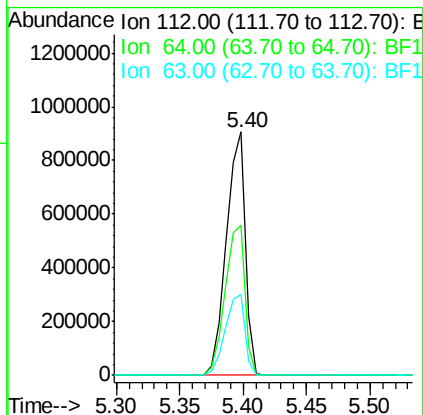
BNA_F

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#6

Aniline

Concen: 34.456 ng

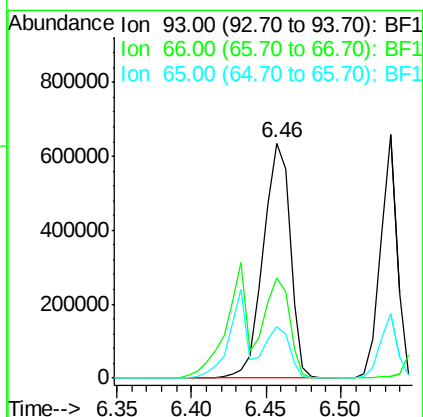
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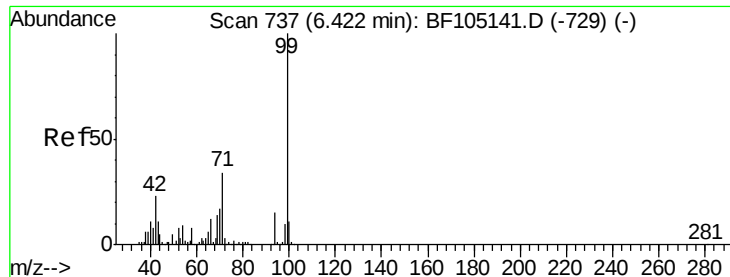
Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion:	93	Resp:	792274
Ion Ratio	Lower	Upper	
93	100		
66	42.8	32.2	48.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 72.713 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1144778

Ion Ratio Lower Upper

99 100

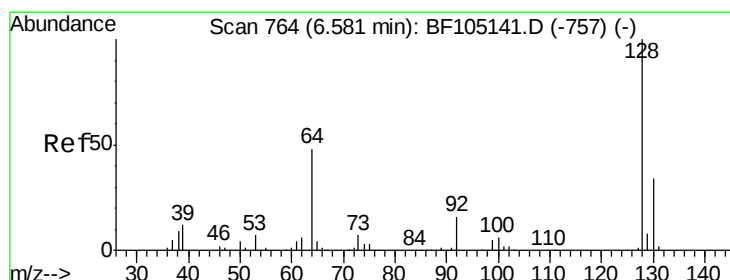
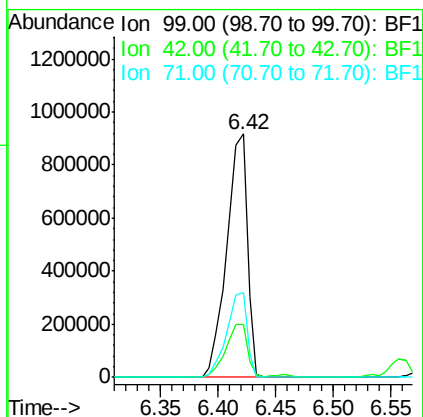
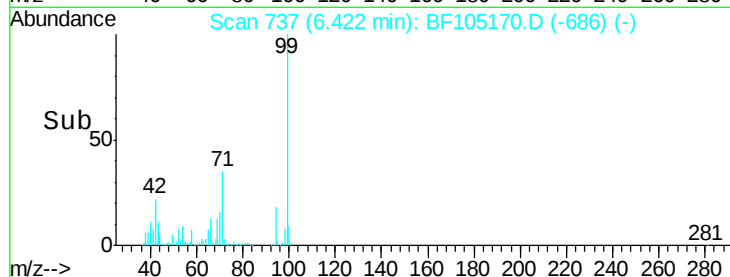
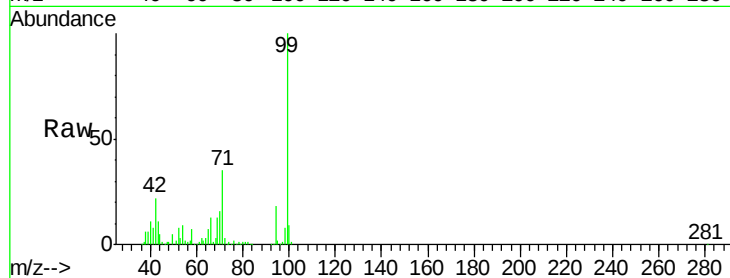
42 21.6 14.5 21.7

71 35.0 25.4 38.0

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#8

2-Chlorophenol

Concen: 36.476 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

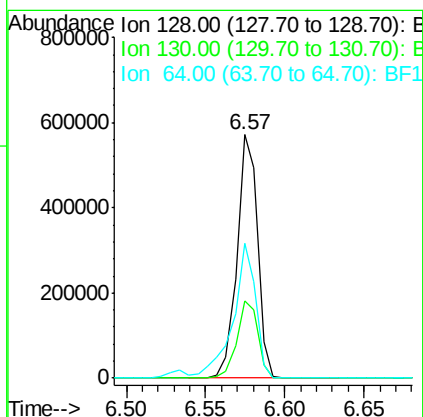
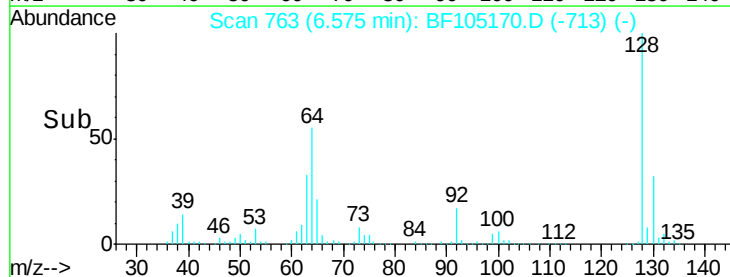
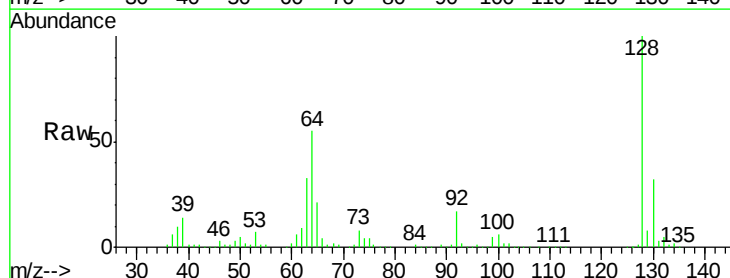
Tgt Ion: 128 Resp: 511617

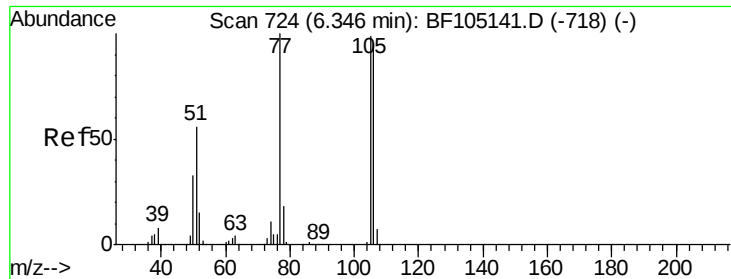
Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 55.1 29.4 69.4





#9

Benzaldehyde

Concen: 34.086 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

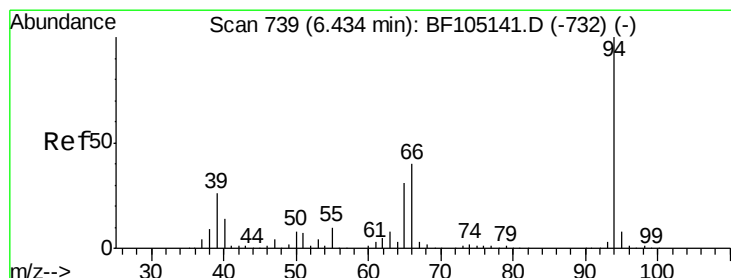
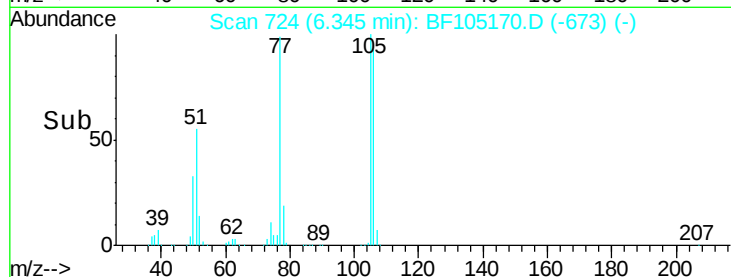
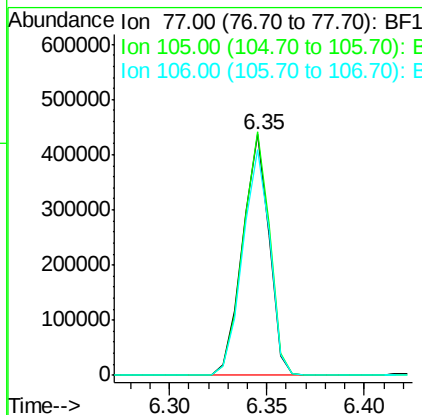
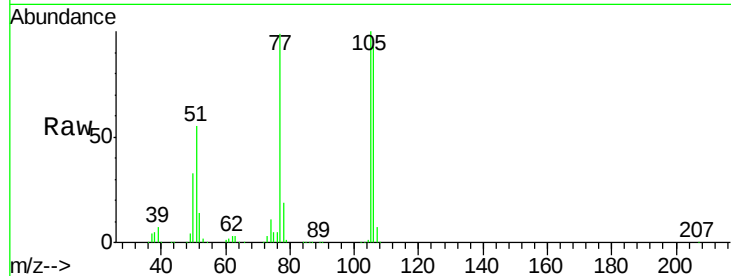
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.2	81.1	121.1		
106	94.1	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 35.743 ng

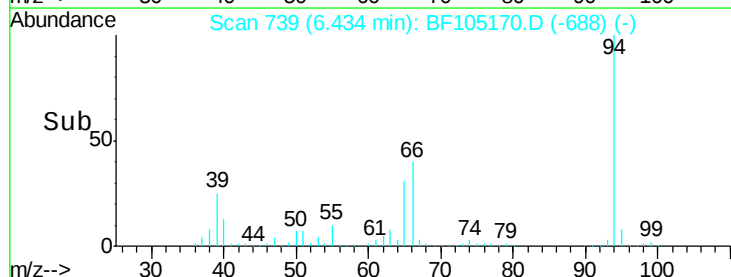
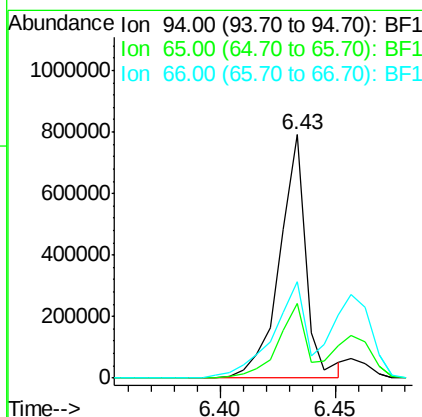
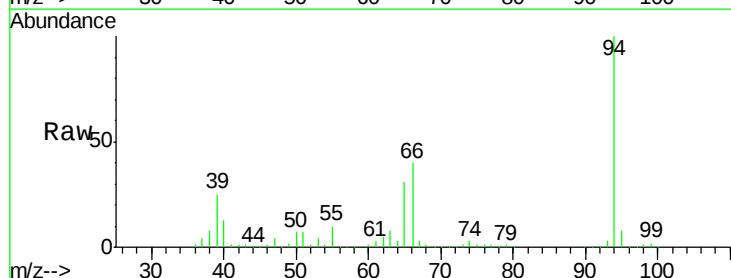
RT: 6.43 min Scan# 739

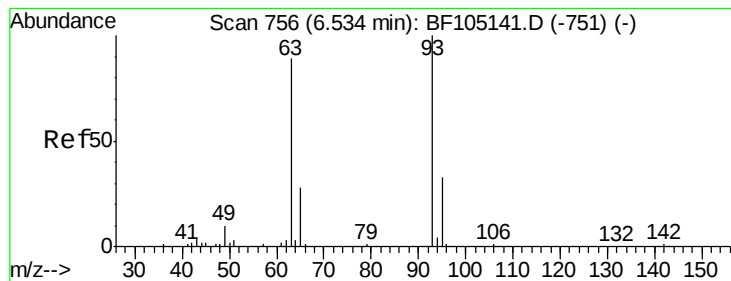
Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.5	7.9	47.9		
66	39.6	16.2	56.2		





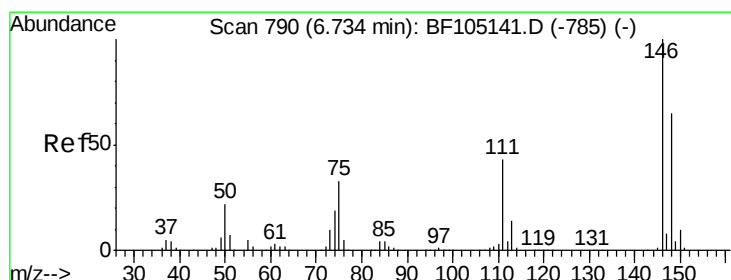
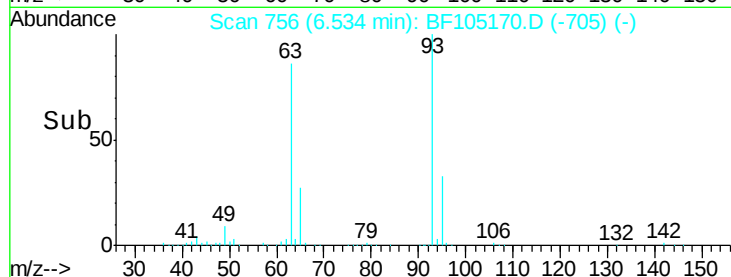
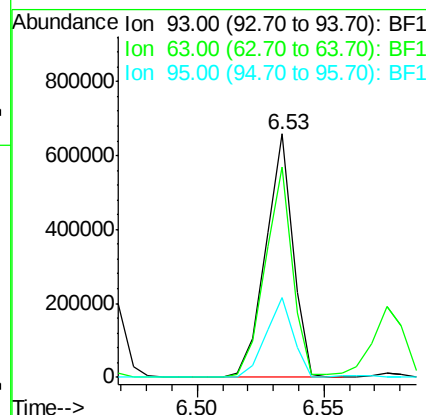
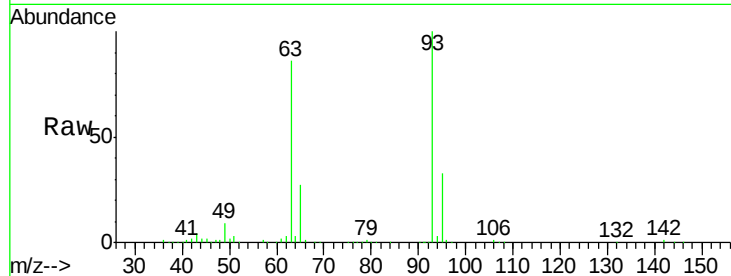
#11
bis(2-Chloroethyl)ether
Concen: 34.171 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.3	58.6	98.6
95	32.6	11.8	51.8

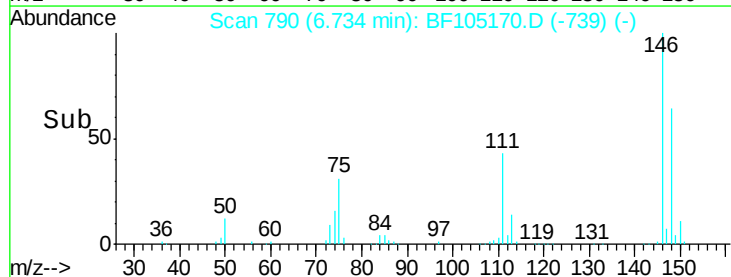
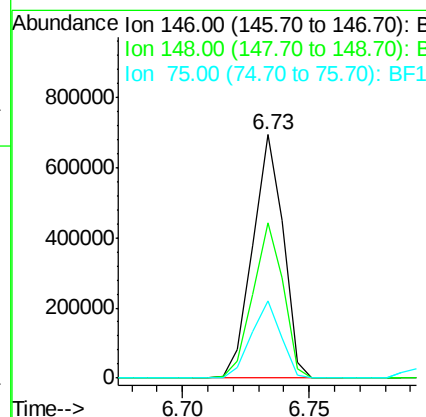
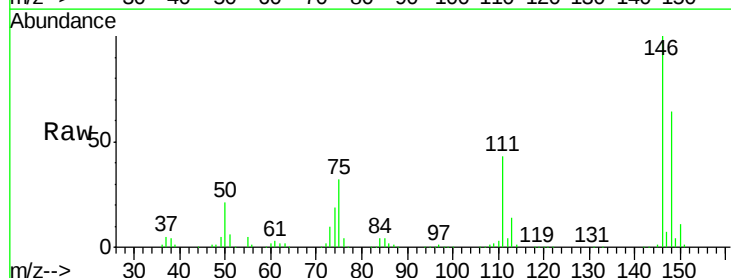
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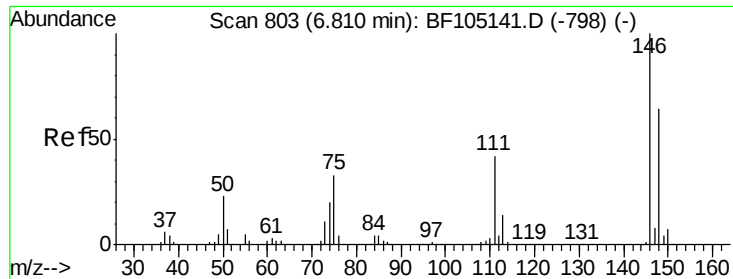
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.518 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	31.8	24.2	36.4





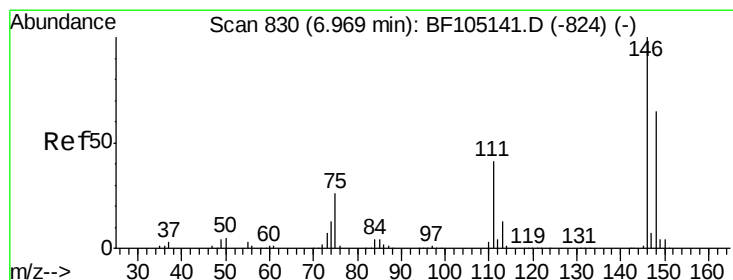
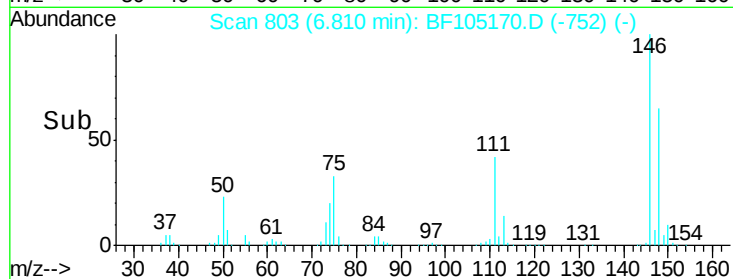
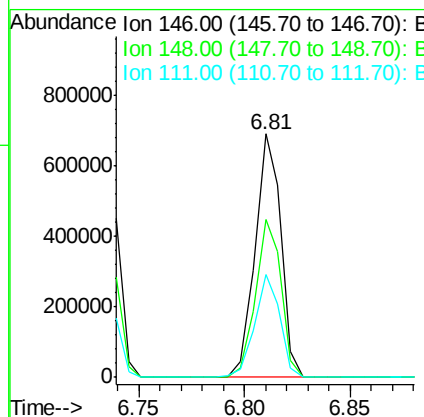
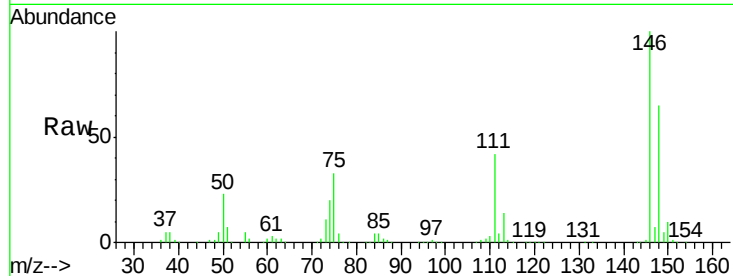
#13
 1,4-Dichlorobenzene
 Concen: 34.638 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	42.4	34.2	51.2

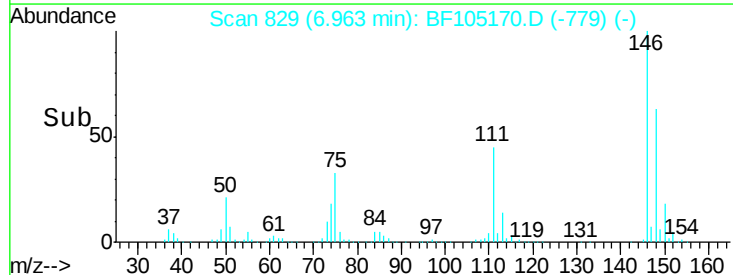
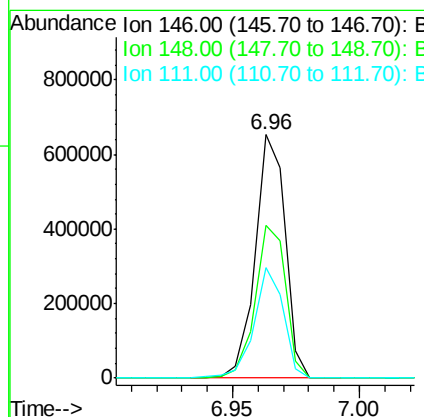
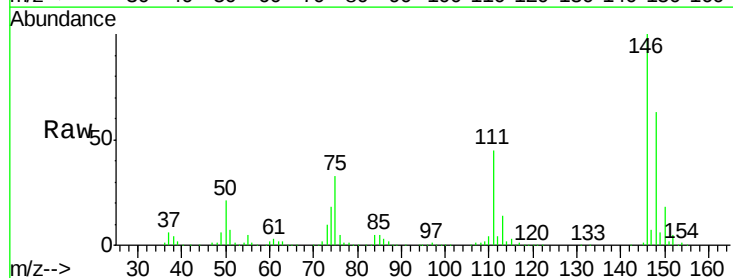
Manual Integrations
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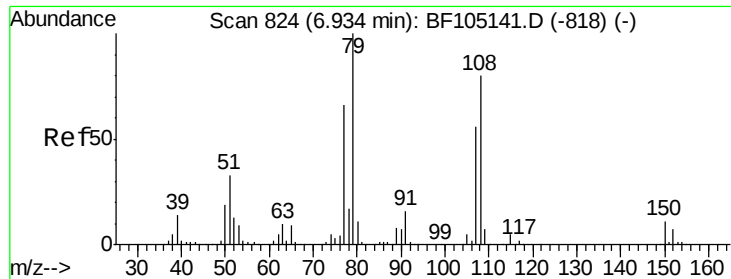
Sohil
 5/9/2018 6:51:36 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.420 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	45.1	36.0	54.0





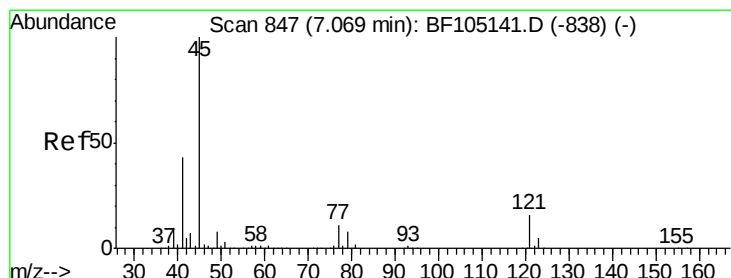
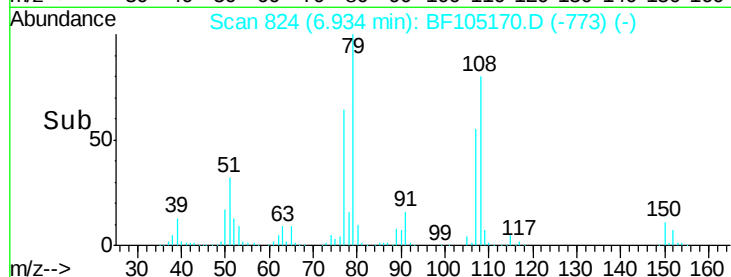
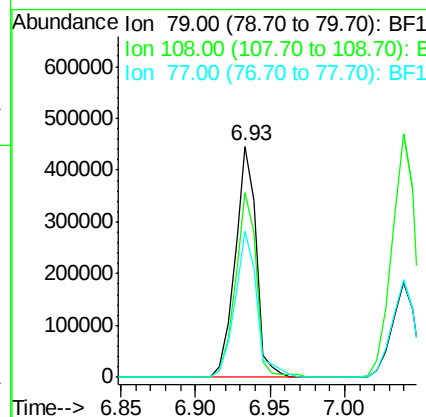
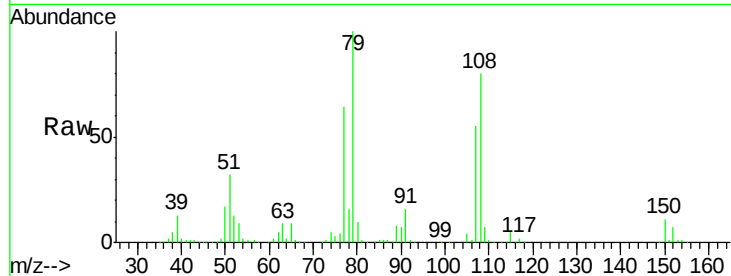
#15
Benzyl Alcohol
Concen: 36.930 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.1	97.7
77	63.6	50.6	75.8

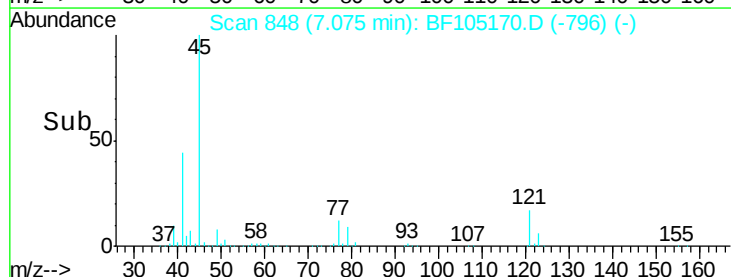
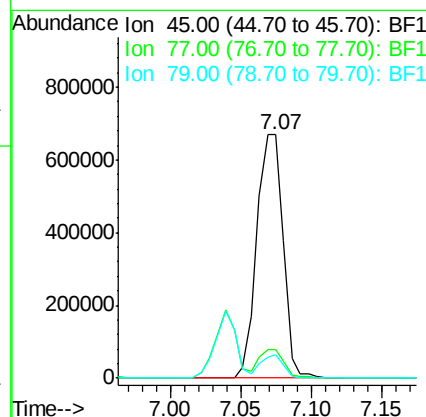
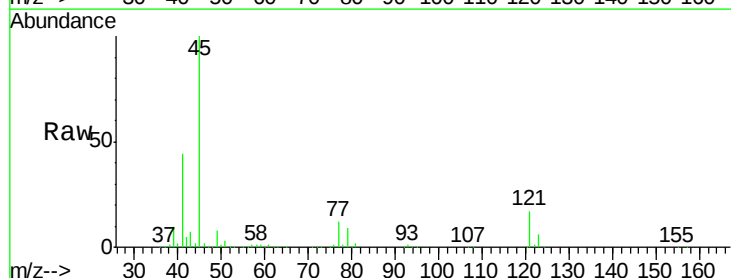
Manual Integrations
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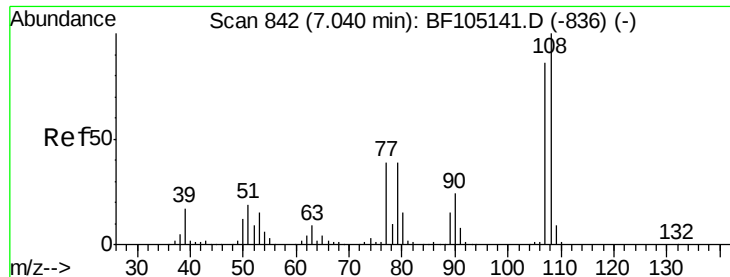
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.964 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.9
79	9.5	0.0	29.6





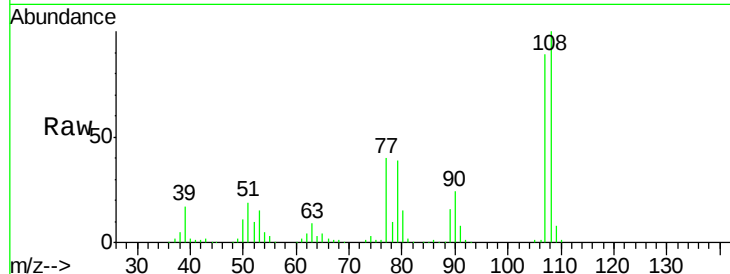
#17
2-Methylphenol
Concen: 35.641 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

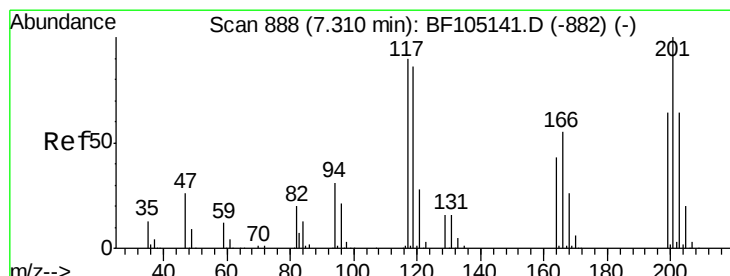
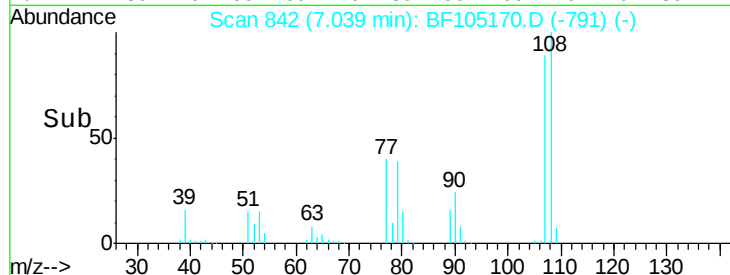
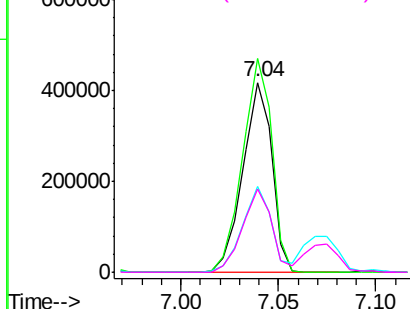
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	45.3	33.8	50.8
79	44.1	33.8	50.8

Manual Integrations
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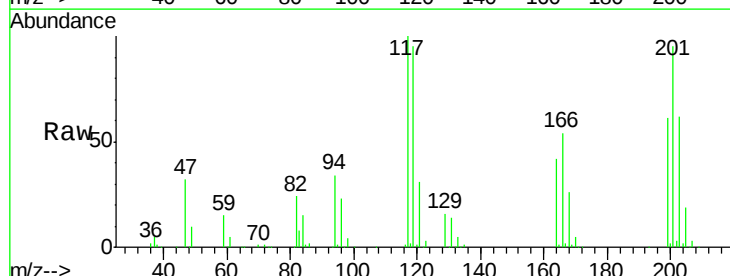


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

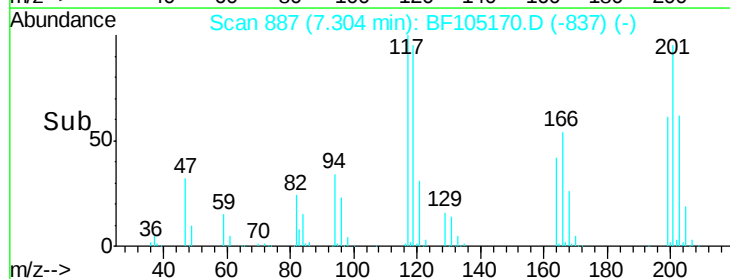
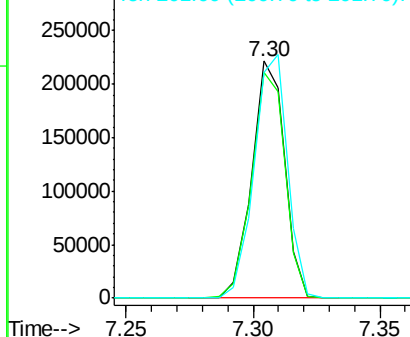


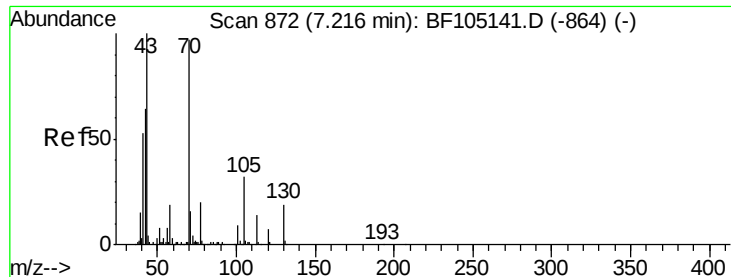
#18
Hexachloroethane
Concen: 36.826 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.8
201	95.5	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





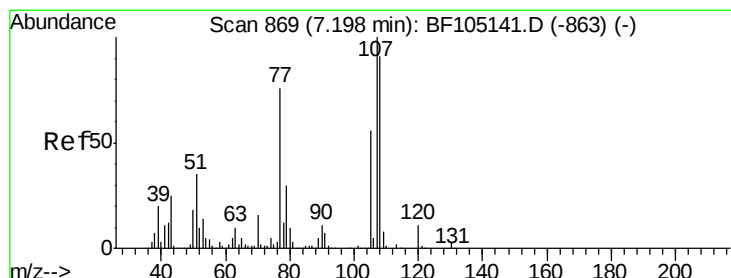
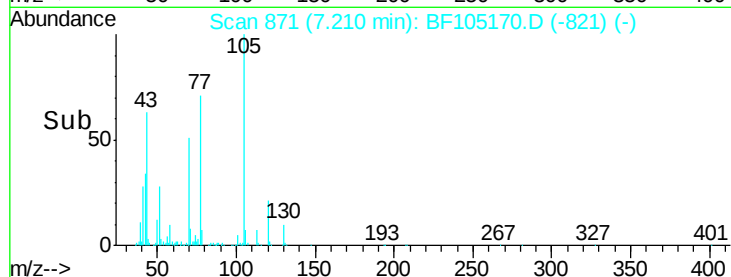
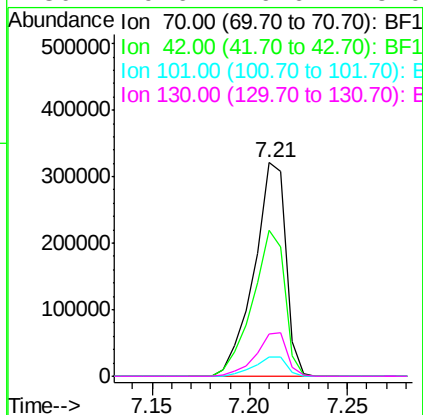
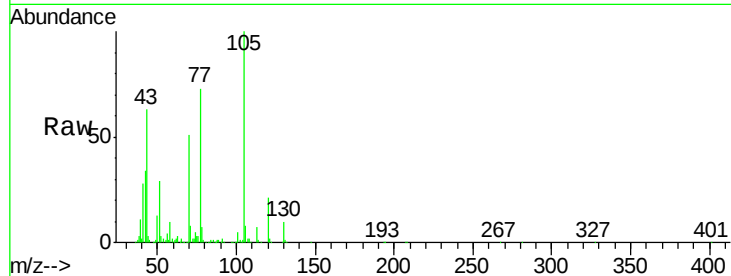
#19
n-Nitroso-di-n-propylamine
Concen: 34.658 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.0		47.5	71.3	
101	9.3		7.4	11.2	
130	19.6		16.6	25.0	

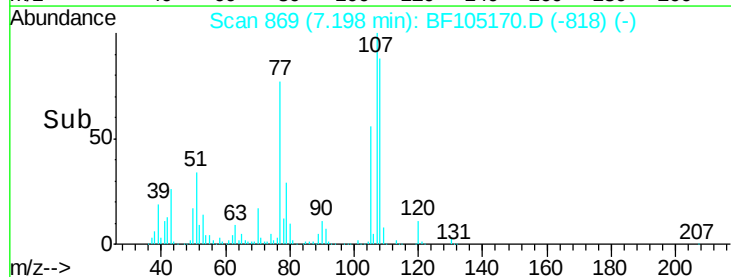
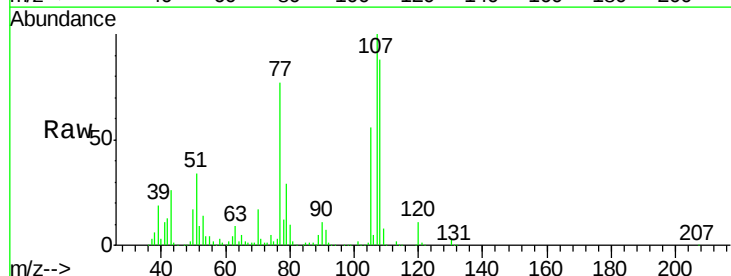
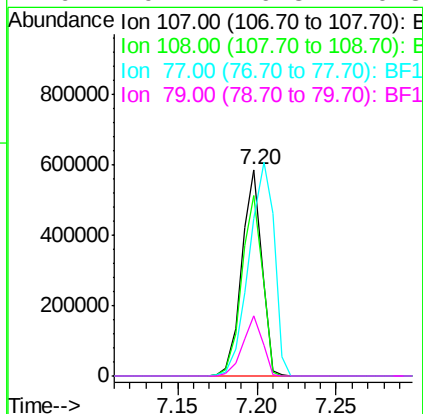
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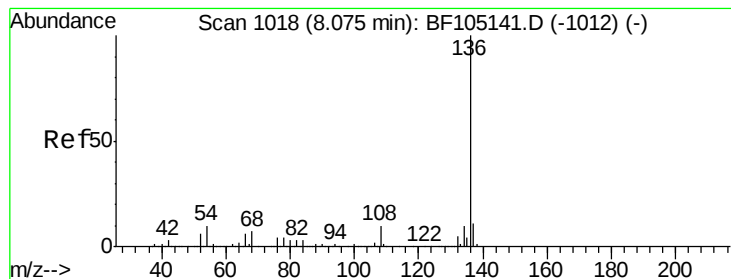
Sohil
5/9/2018 6:51:36 PM



#20
3+4-Methylphenols
Concen: 36.053 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.8		68.2	108.2	
77	76.6		26.7	66.7#	
79	29.4		6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

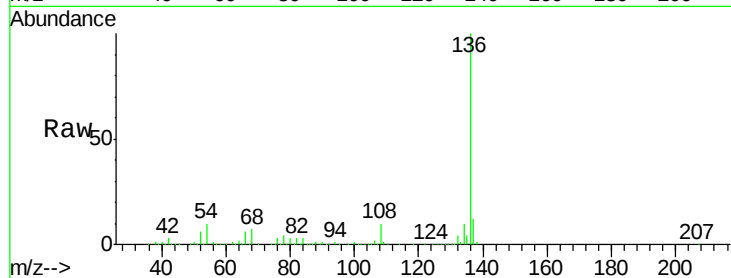
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	8.9	13.3	
54	9.9	6.6	9.8	
68	6.5	5.0	7.4	

Manual Integrations
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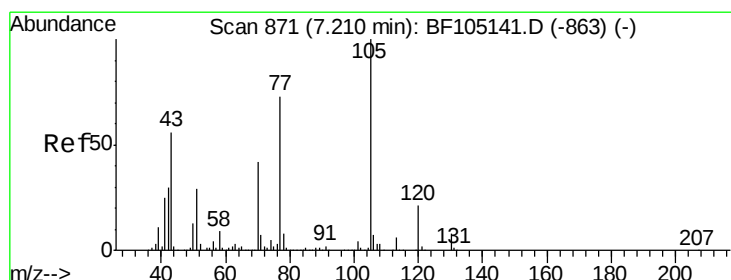
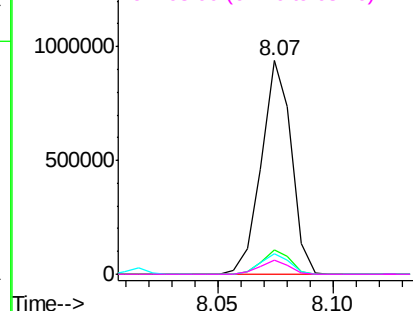
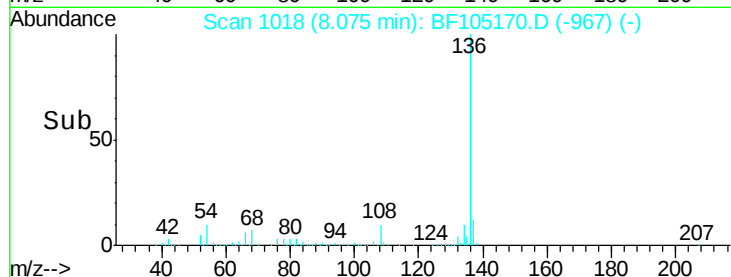
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.975 ng

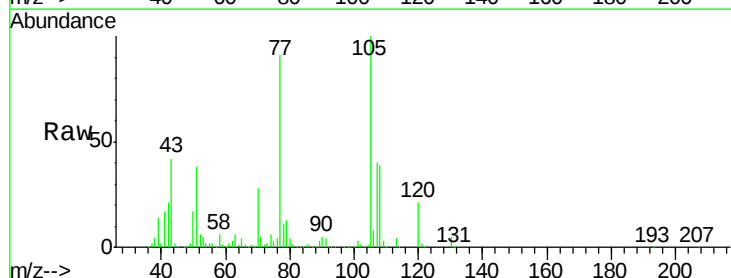
RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	4.4	6.6	
51	38.1	22.3	33.5	
120	21.0	16.9	25.3	



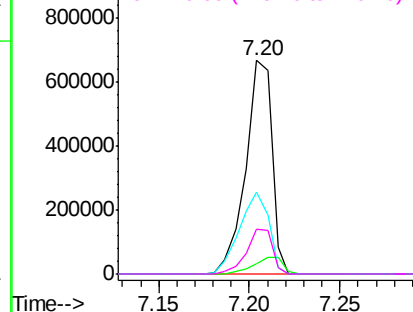
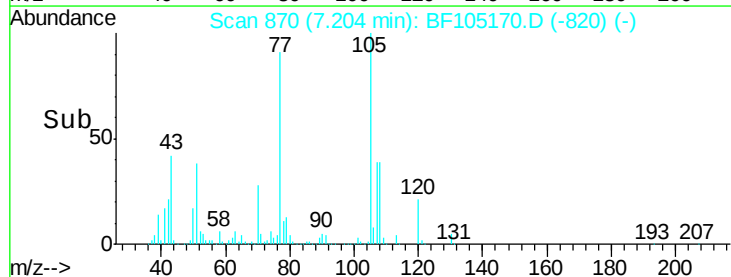
Abundance

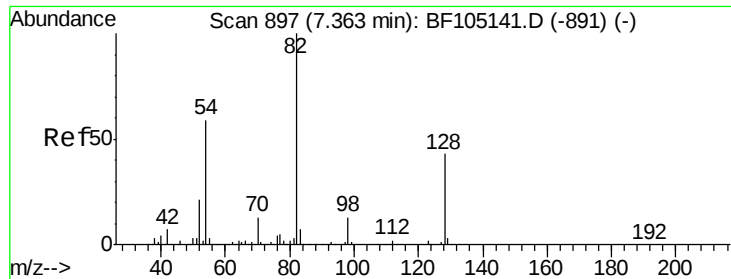
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





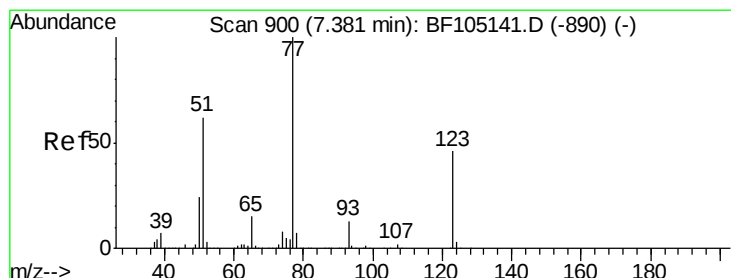
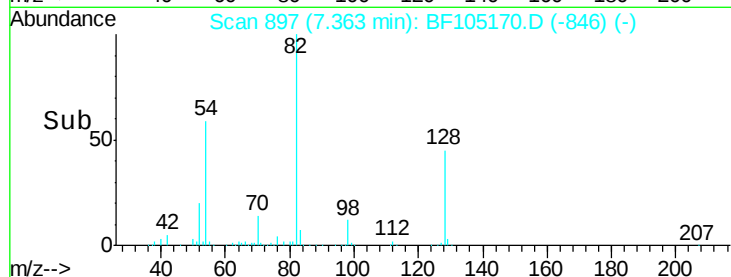
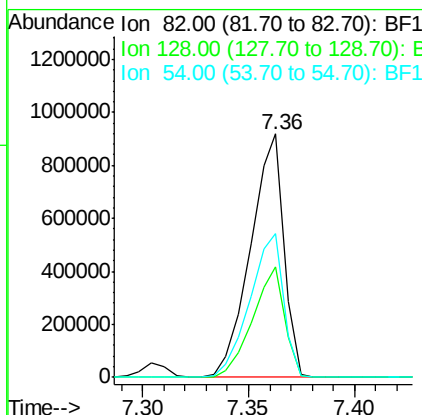
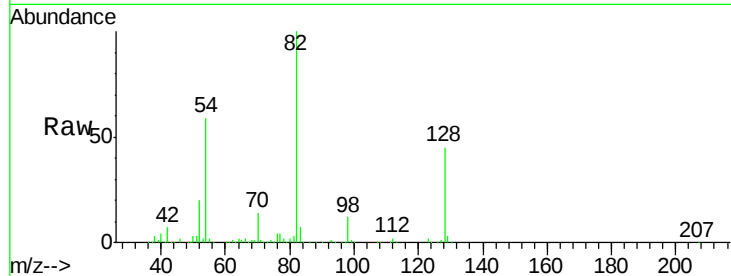
#23
Nitrobenzene-d5
Concen: 80.203 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	82	Resp	1004037
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.1	54.1
54	58.8	41.4	62.2

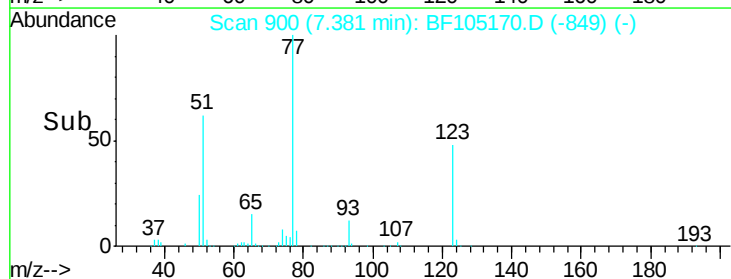
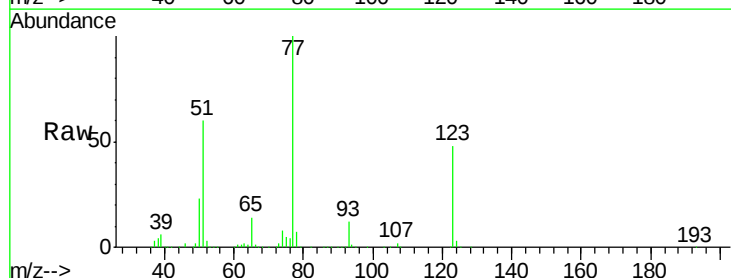
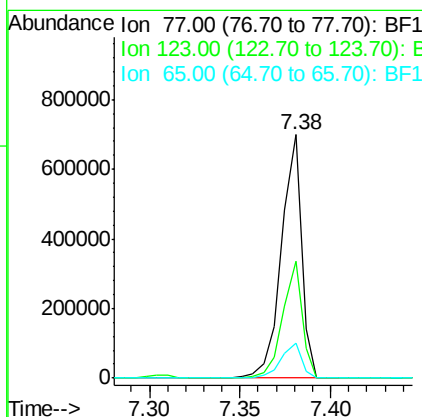
Manual Integrations
APPROVED

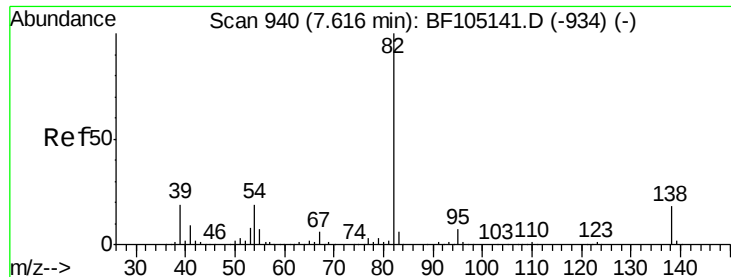
Sohil
5/9/2018 6:51:36 PM



#24
Nitrobenzene
Concen: 38.081 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	77	Resp	540534
Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 34.872 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

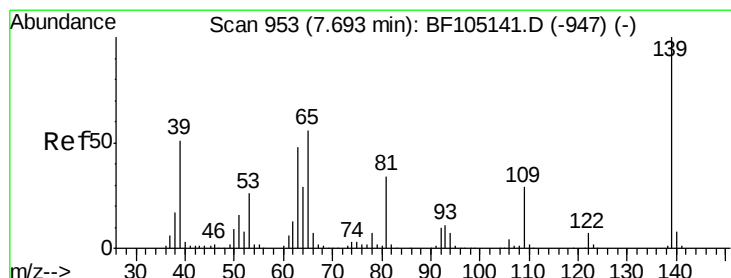
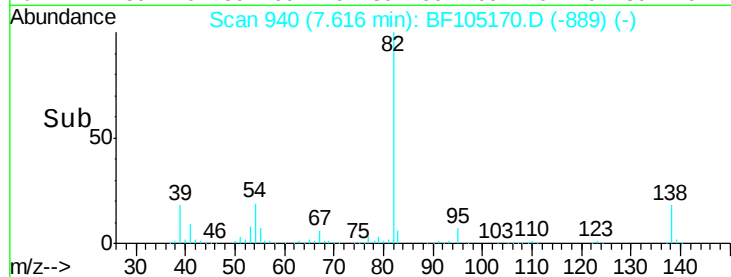
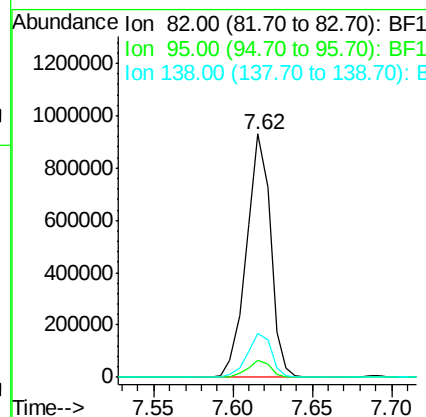
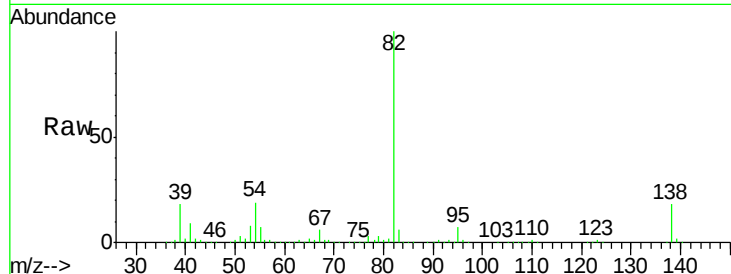
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	976314
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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5/9/2018 6:51:36 PM



#26

2-Nitrophenol

Concen: 45.190 ng

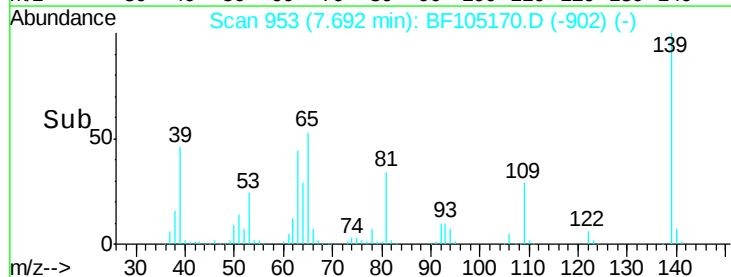
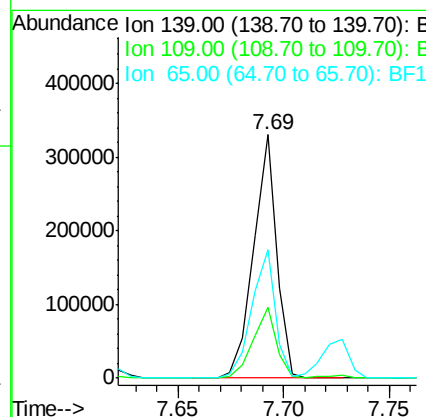
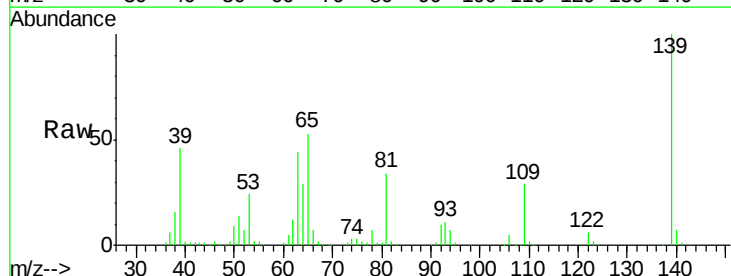
RT: 7.69 min Scan# 953

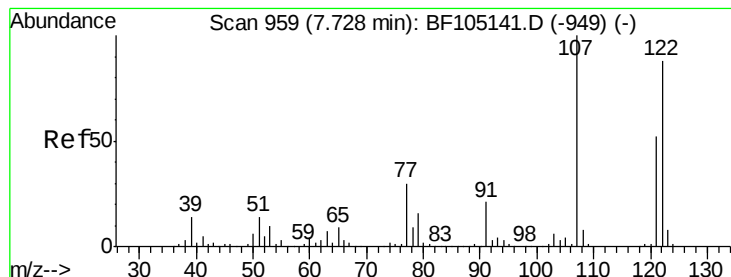
Delta R.T. 0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion:	139	Resp:	252465
Ion Ratio	Lower	Upper	
139	100		
109	29.2	22.7	34.1
65	53.0	40.5	60.7





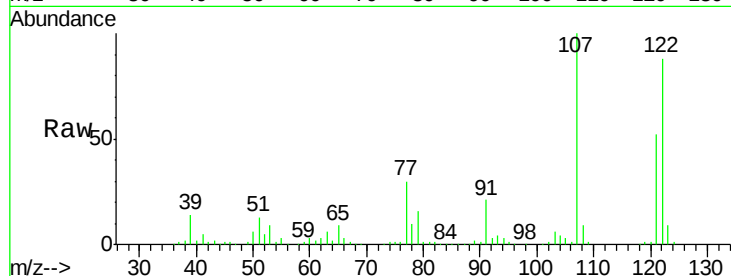
#27
 2,4-Dimethylphenol
 Concen: 37.458 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

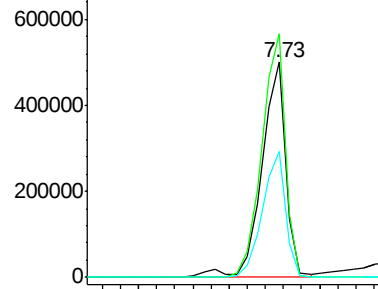
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	91.2	136.8
121	58.4	47.2	70.8

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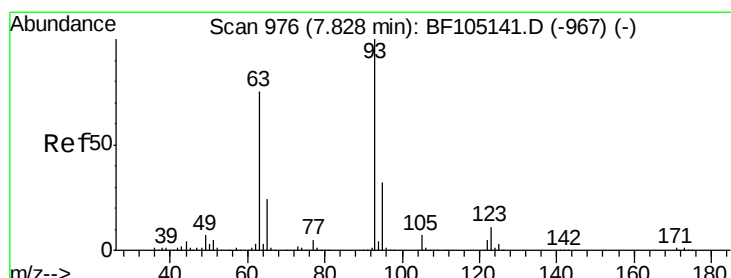
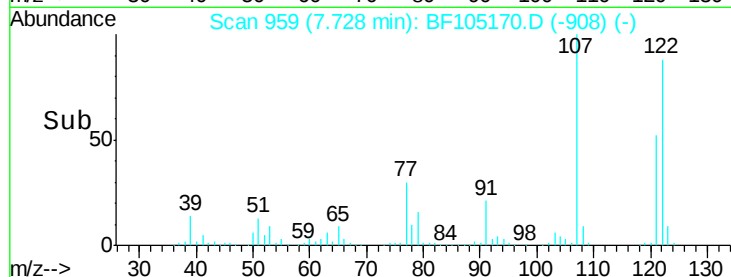
Sohil
 5/9/2018 6:51:36 PM



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

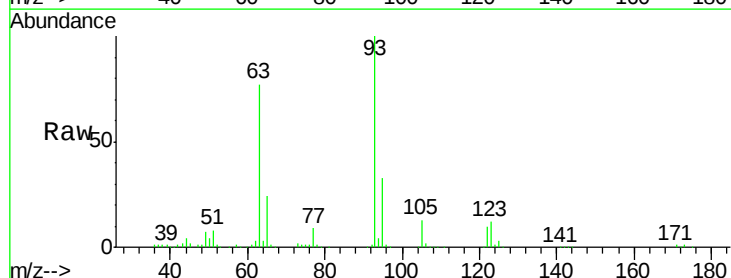


Time-->

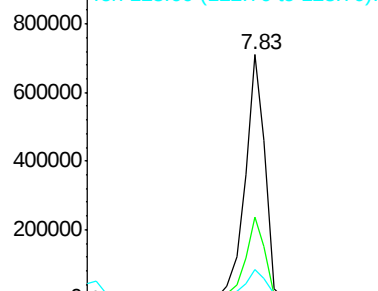


#28
 bis(2-Chloroethoxy)methane
 Concen: 35.141 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

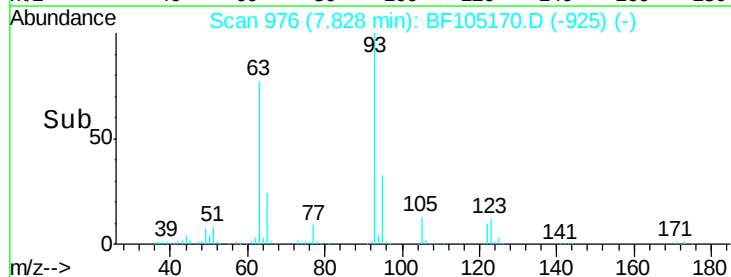
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.6	9.8	14.6

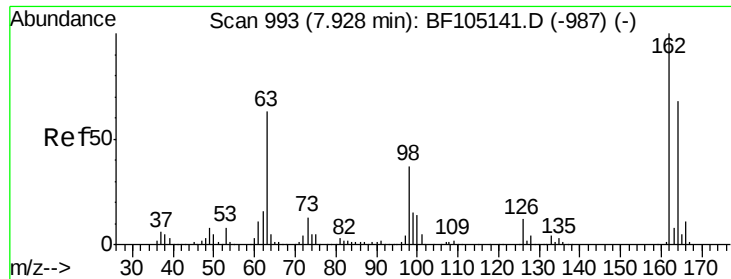


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E



Time-->





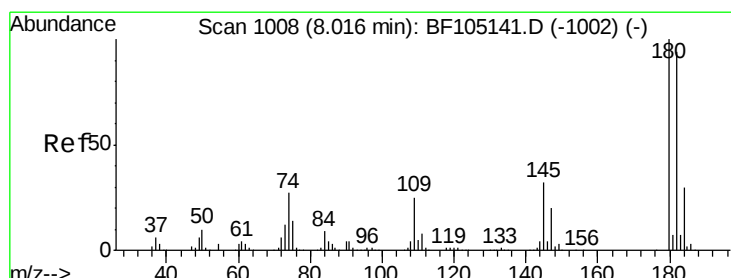
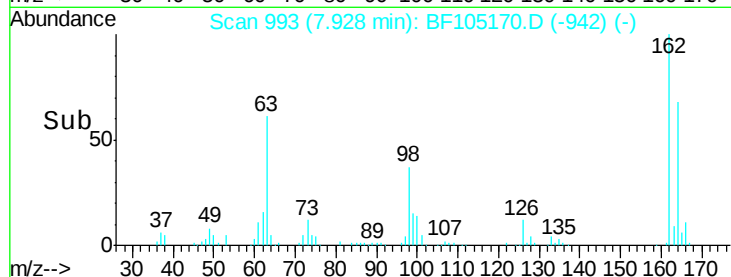
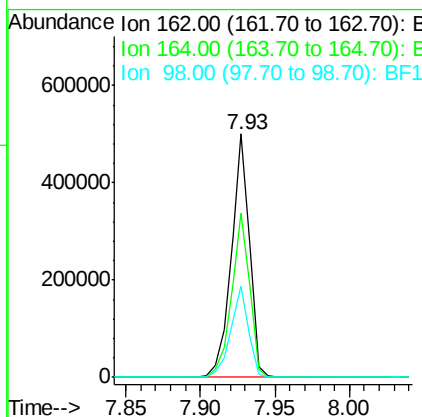
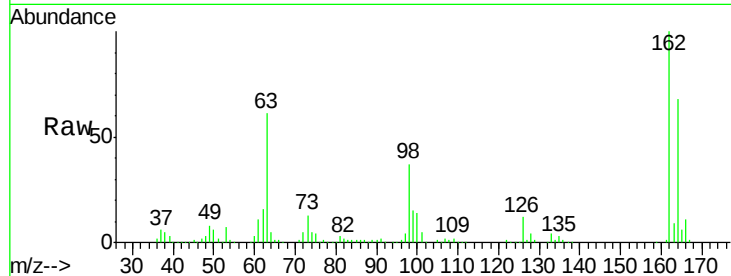
#29
 2,4-Dichlorophenol
 Concen: 36.984 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	430484		
164	67.6	42.7	82.7	
98	37.4	18.1	58.1	

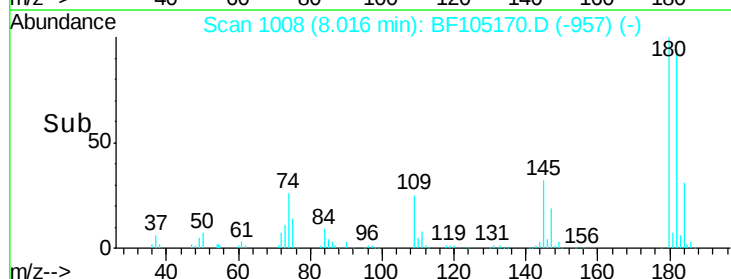
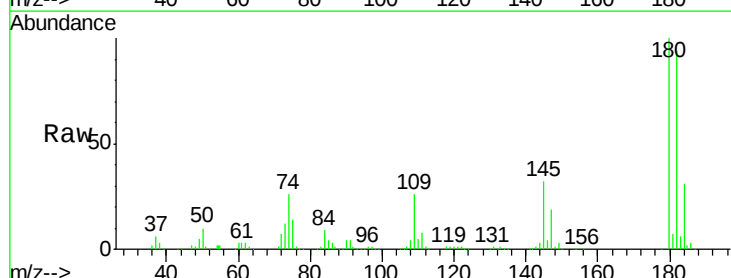
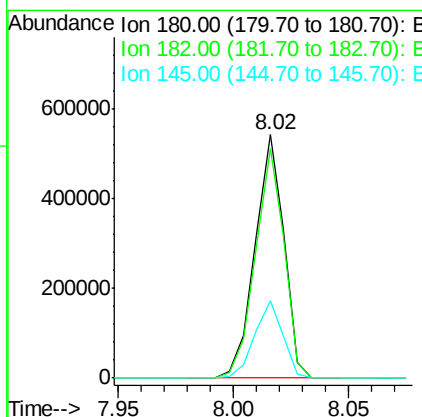
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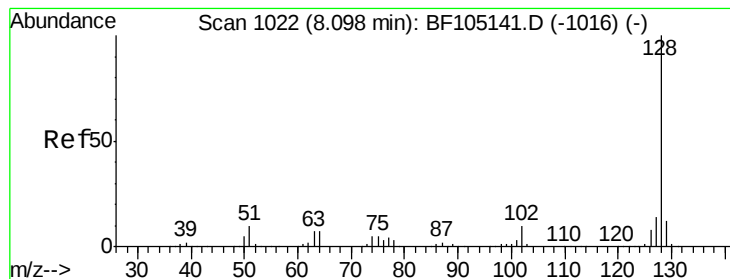
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.226 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	472874		
182	94.0	76.8	115.2	
145	31.8	26.5	39.7	





#31

Naphthalene

Concen: 34.628 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1414624

Ion Ratio Lower Upper

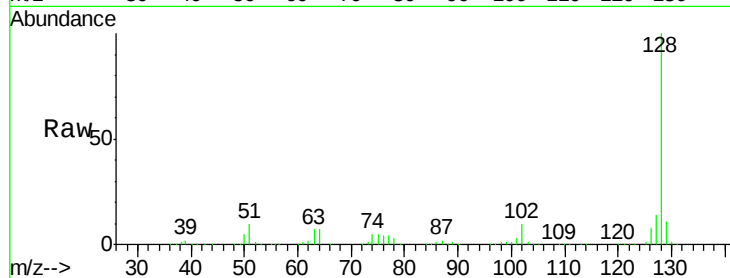
128 100

129 11.3 8.8 13.2

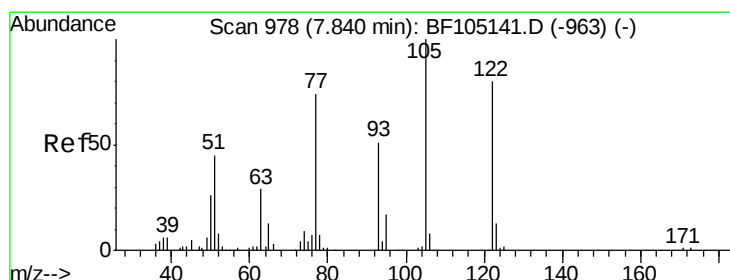
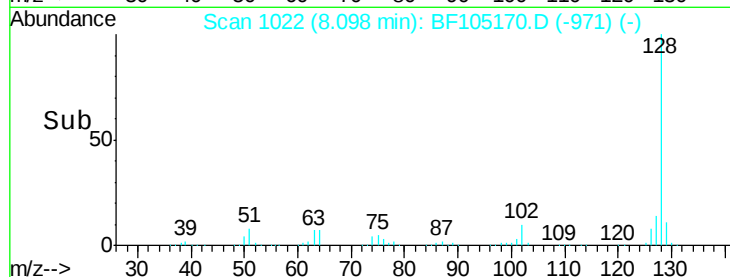
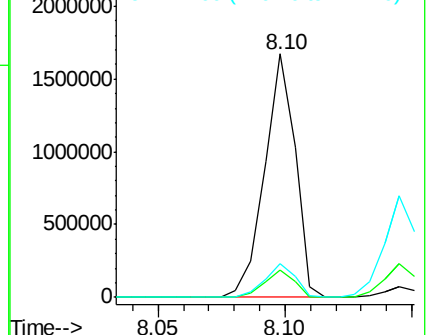
127 13.8 10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.653 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

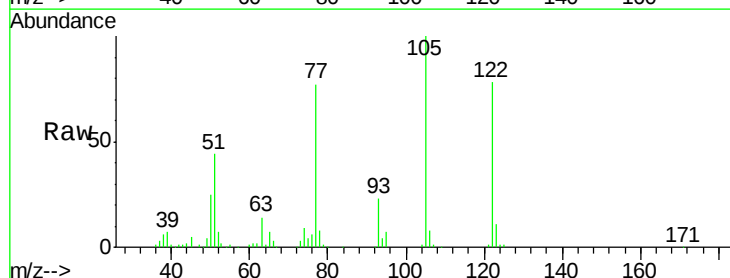
Tgt Ion:122 Resp: 306721

Ion Ratio Lower Upper

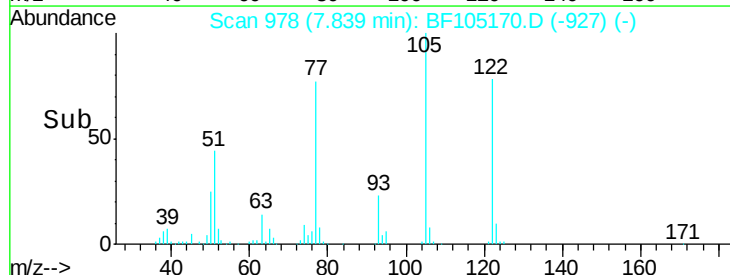
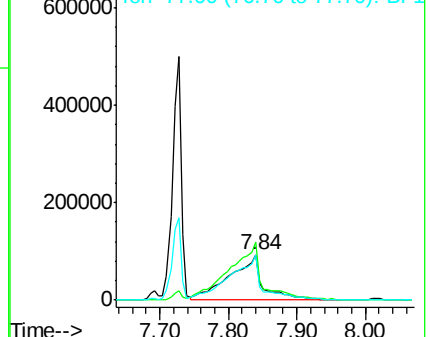
122 100

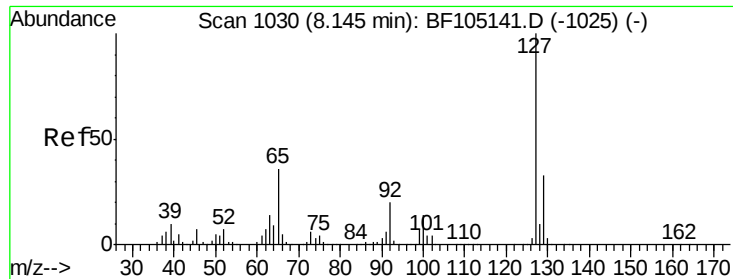
105 128.4 101.1 141.1

77 98.7 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





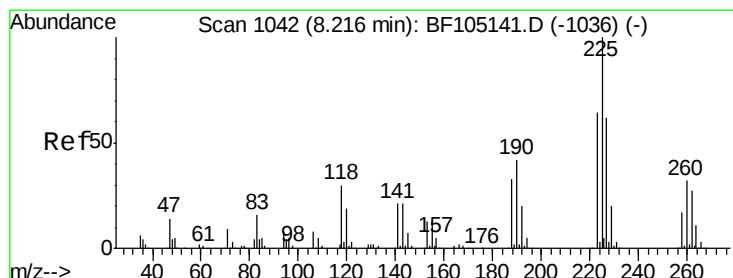
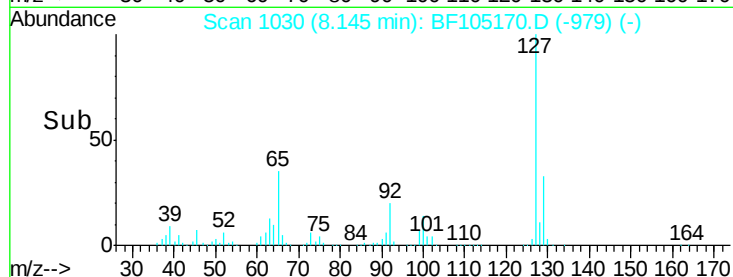
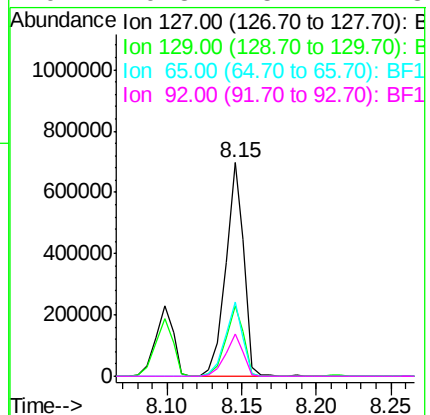
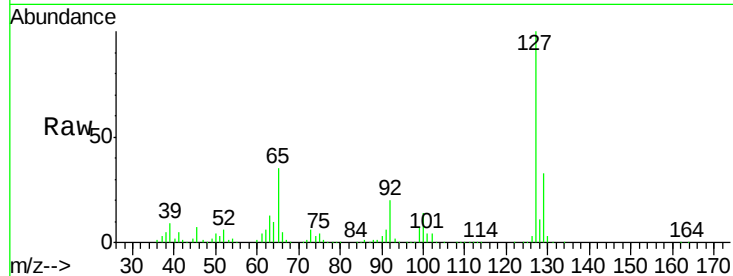
#33
4-Chloroaniline
Concen: 35.161 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		597307		
129	32.7		25.9	38.9	
65	35.0		25.0	37.4	
92	19.8		15.2	22.8	

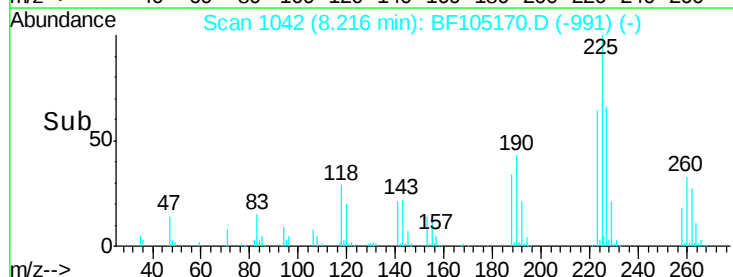
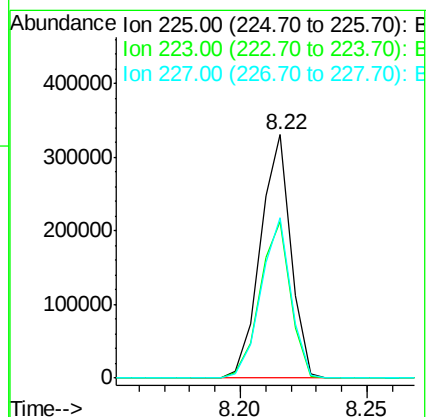
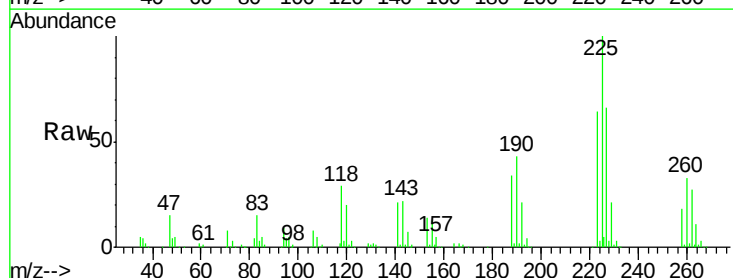
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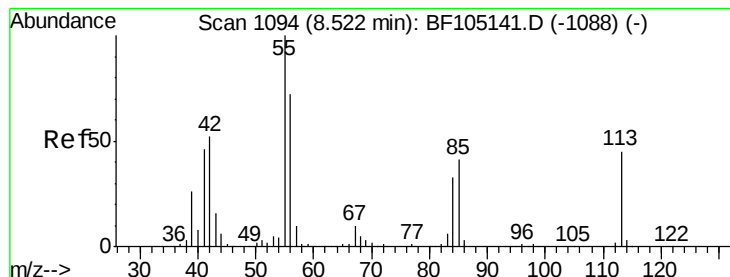
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#34
Hexachlorobutadiene
Concen: 35.342 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		274843		
223	64.3		50.6	76.0	
227	65.7		51.9	77.9	





#35

Caprolactam

Concen: 38.171 ng/mL

RT: 8.52 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

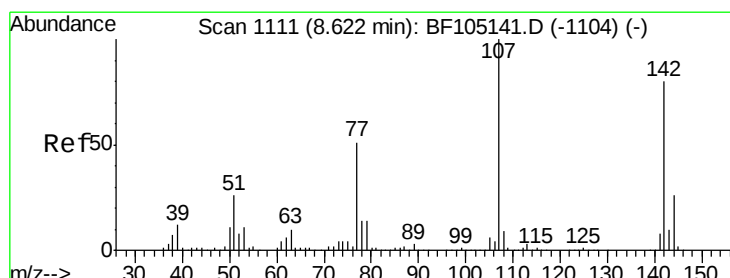
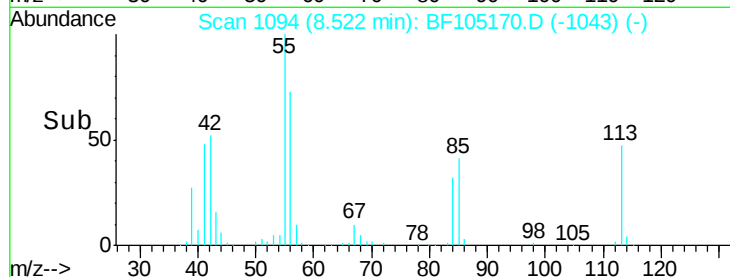
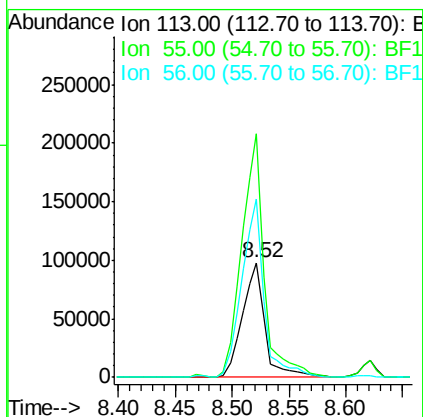
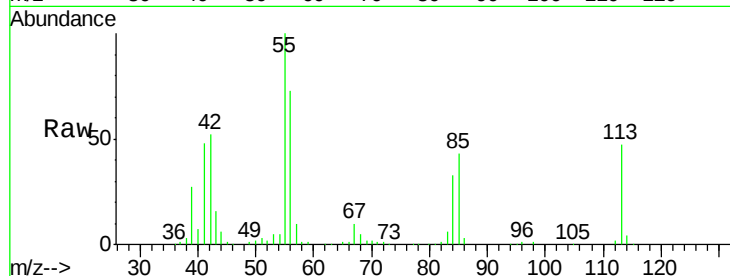
ClientSampleID :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	212.1		163.3	203.3	
56	155.3		115.7	155.7	

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#36

4-Chloro-3-methylphenol

Concen: 36.090 ng/mL

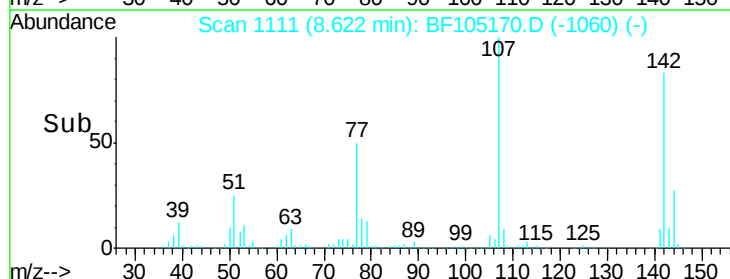
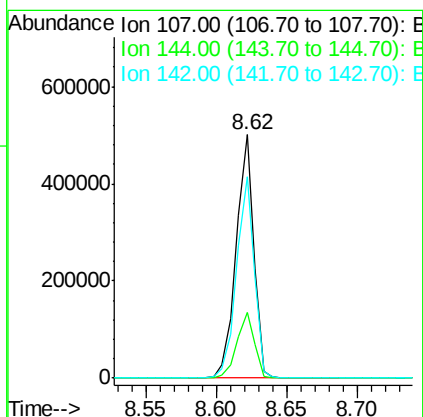
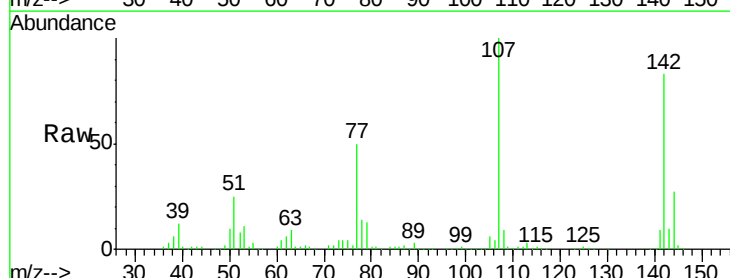
RT: 8.62 min Scan# 1111

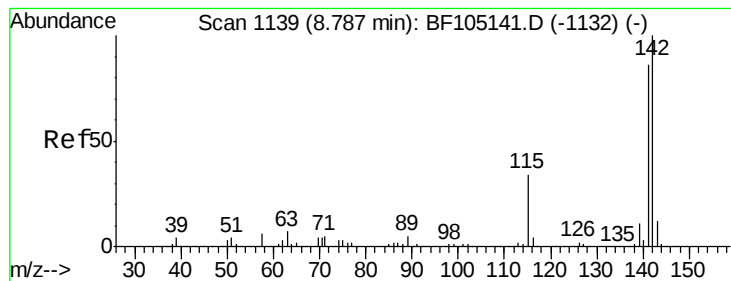
Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.8		20.5	30.7	
142	82.5		62.0	93.0	





#37

2-Methylnaphthalene

Concen: 34.788 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

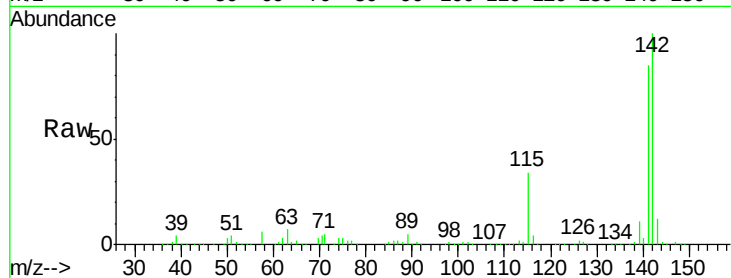
ClientSampleId :

SSTDCCC040EC

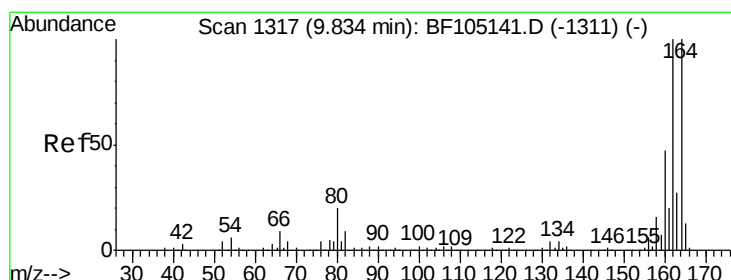
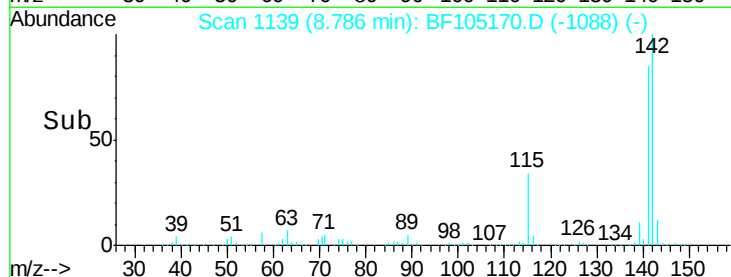
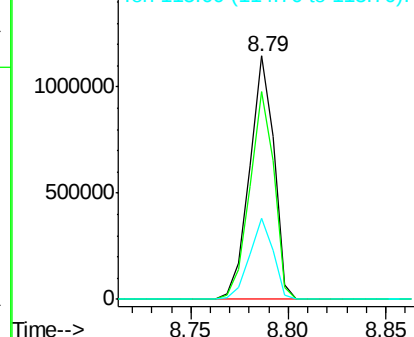
Tot Ion:	142	Resp:	990568
Ion Ratio	Lower	Upper	
142	100		
141	85.3	70.8	106.2
115	33.5	26.1	39.1

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

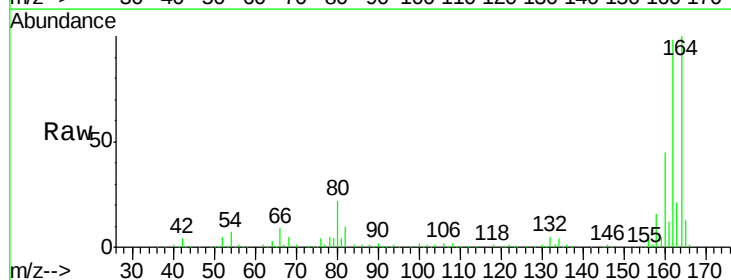
RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

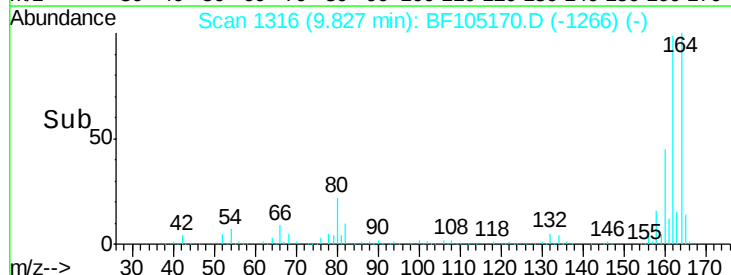
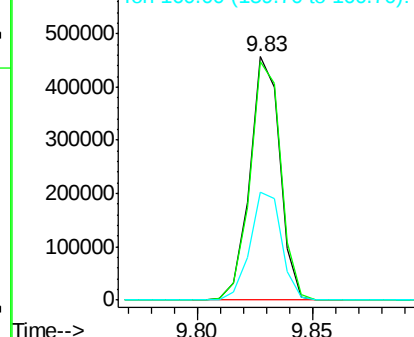
Lab File: BF105170.D

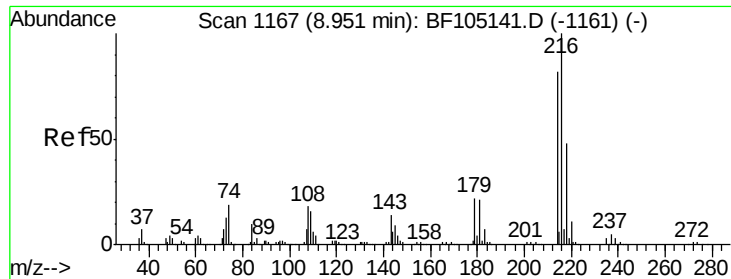
Acq: 9 May 2018 2:58

Tgt Ion:	164	Resp:	416300
Ion Ratio	Lower	Upper	
164	100		
162	98.1	86.1	129.1
160	44.6	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





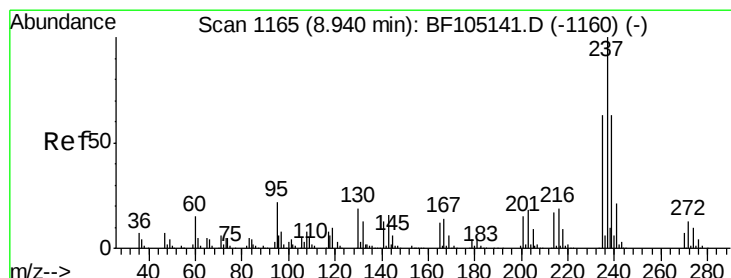
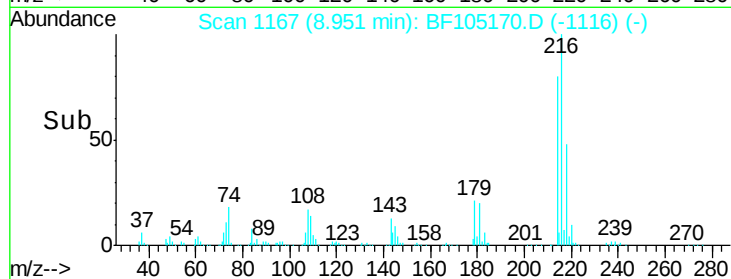
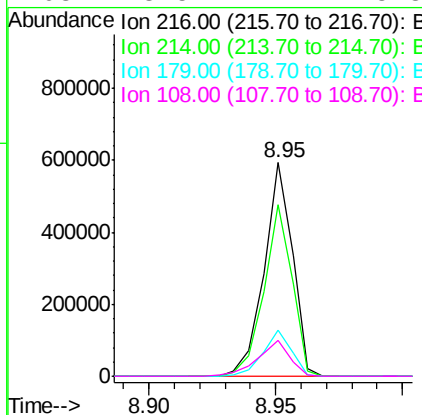
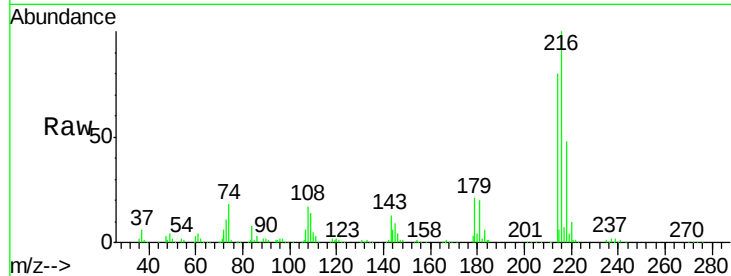
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.181 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		466054		
214	79.7		63.0	94.4	
179	21.2		18.1	27.1	
108	18.5		17.2	25.8	

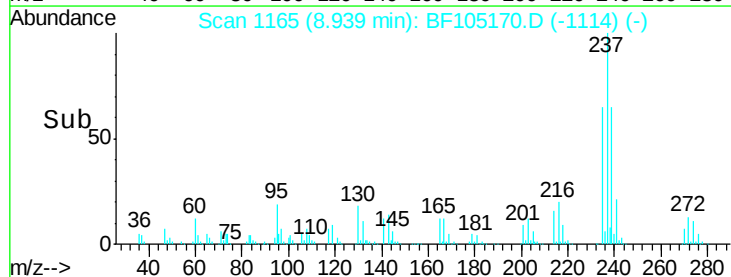
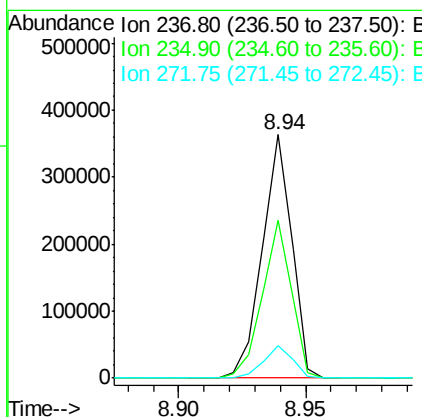
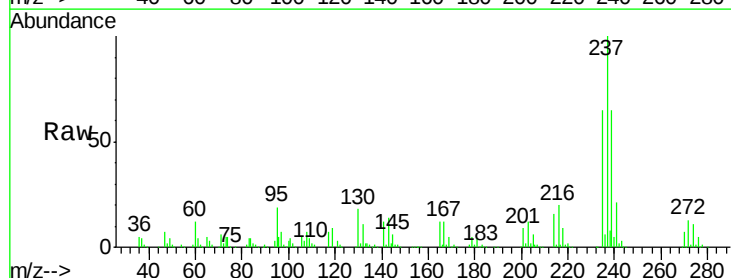
Manual Integrations
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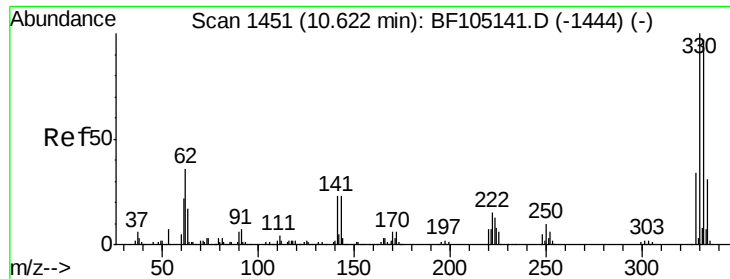
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#40
 Hexachlorocyclopentadiene
 Concen: 41.513 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		297363		
235	65.0		44.8	84.8	
272	13.2		0.0	33.3	





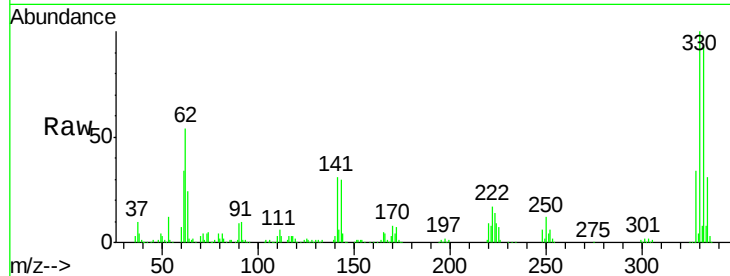
#41
 2,4,6-Tribromophenol
 Concen: 78.680 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

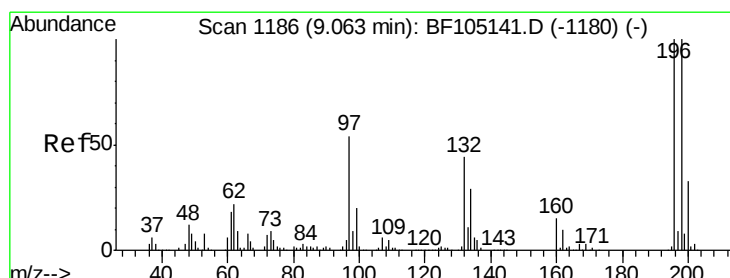
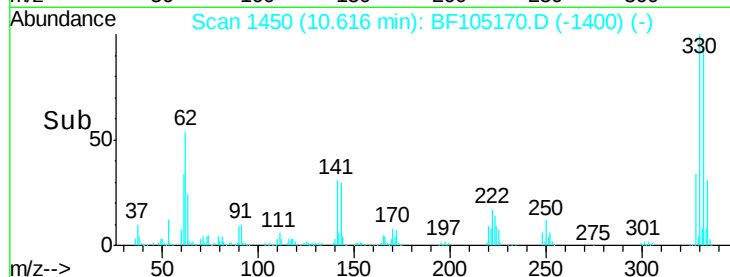
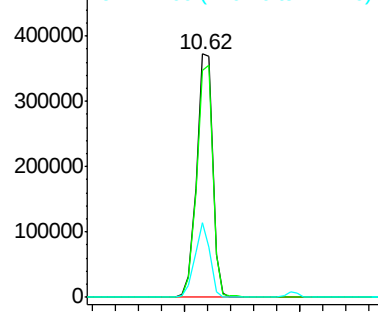
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	28.4	29.9	44.9	

Manual Integrations
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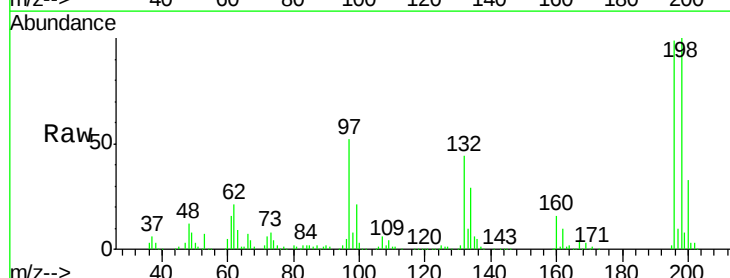


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

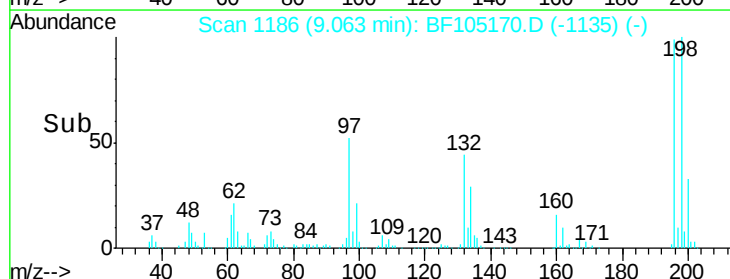
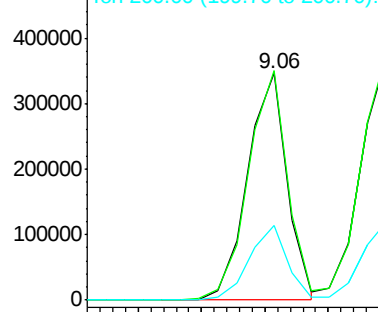


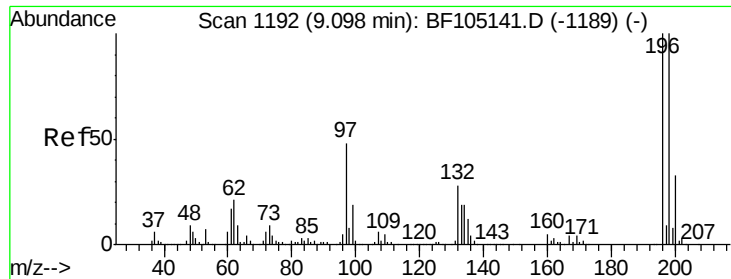
#42
 2,4,6-Trichlorophenol
 Concen: 37.248 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	75.7	113.5	
200	33.0	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





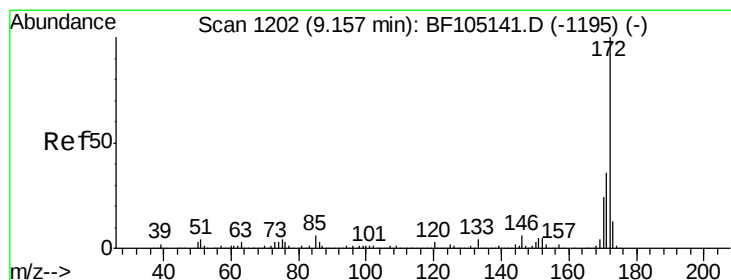
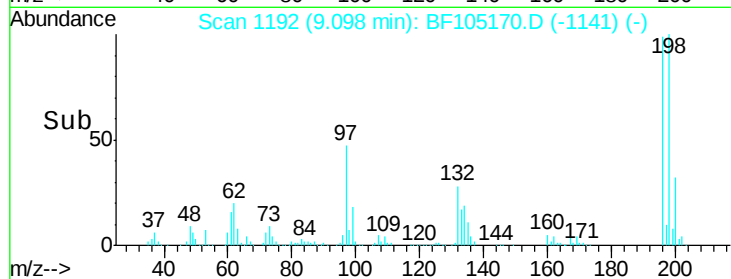
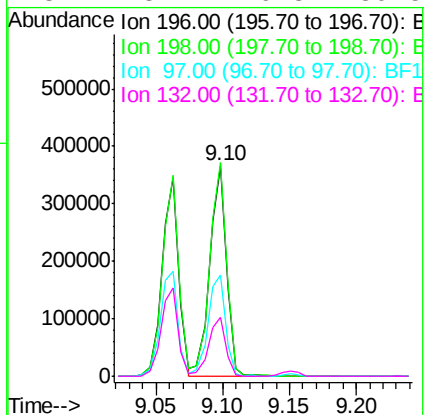
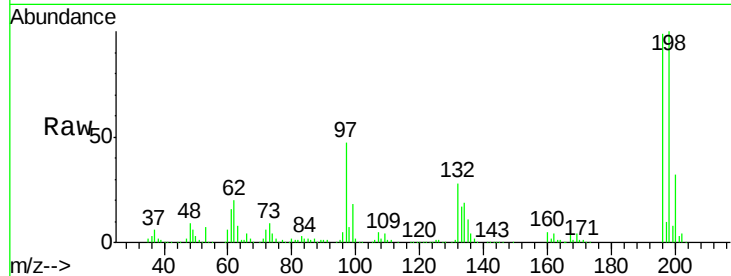
#43
 2,4,5-Trichlorophenol
 Concen: 38.334 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100				
198	101.5	74.6	112.0		
97	48.0	42.9	64.3		
132	28.1	26.3	39.5		

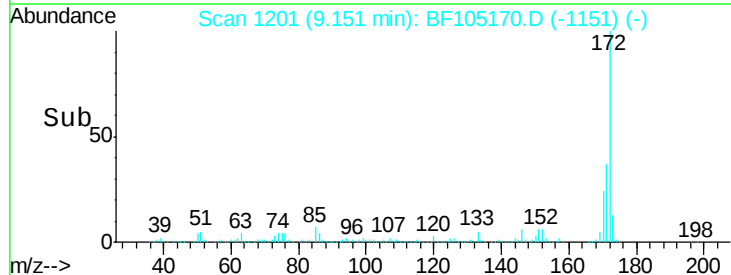
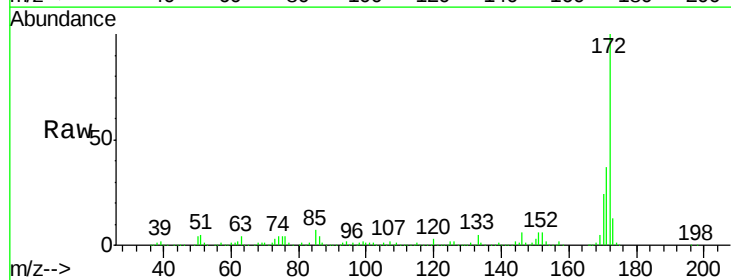
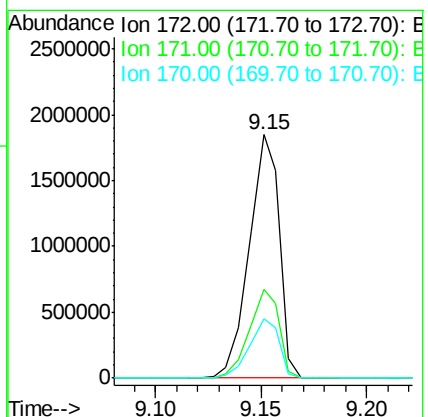
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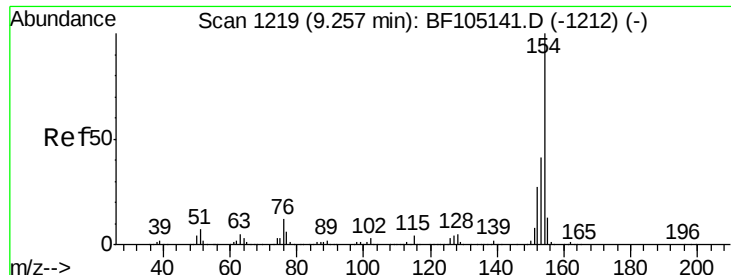
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 67.912 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	36.6	29.7	44.5		
170	24.5	19.6	29.4		





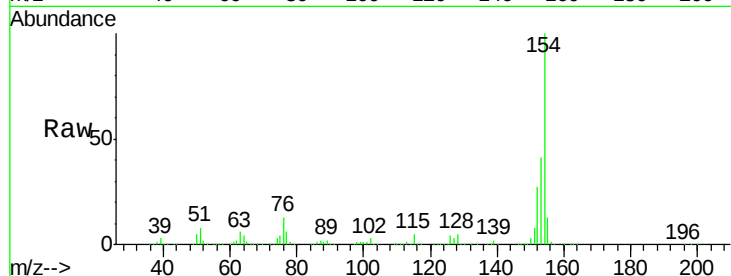
#45
 1,1'-Biphenyl
 Concen: 34.765 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

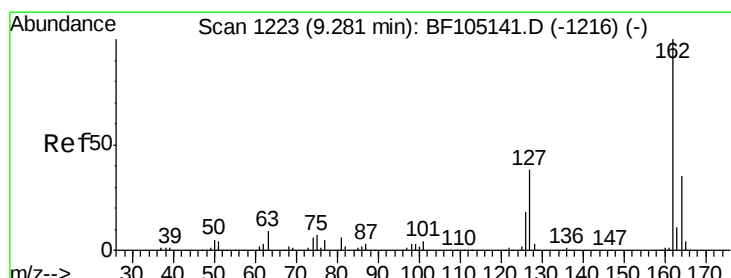
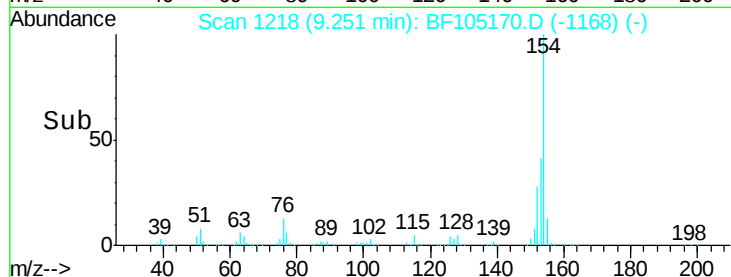
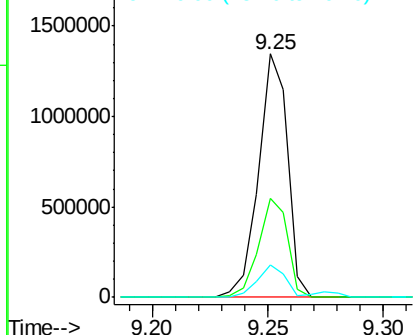
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.4	0.0	34.0

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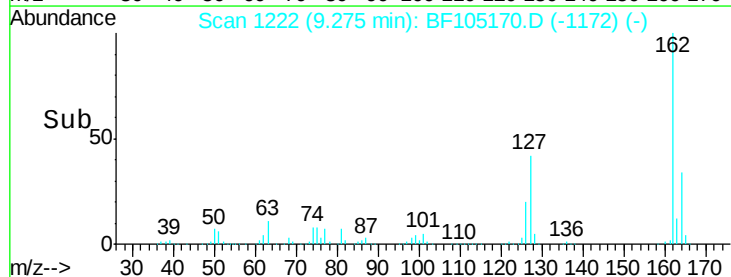
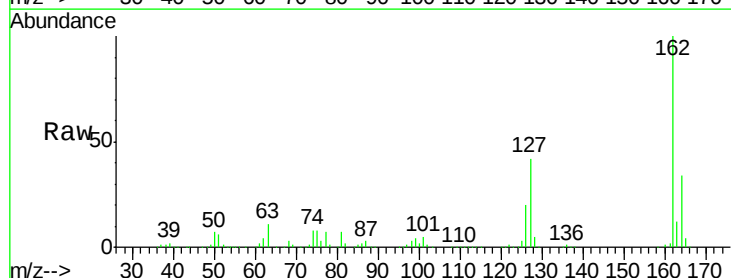
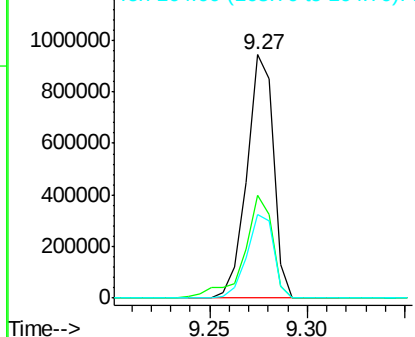
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

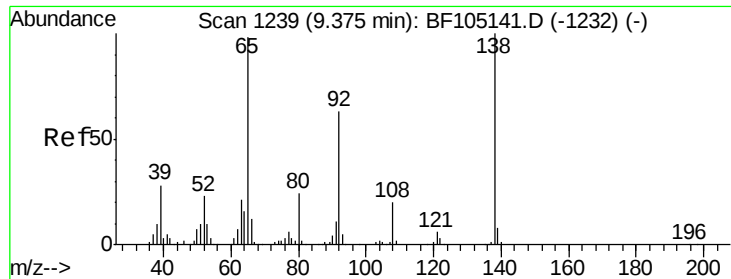


#46
 2-Chloronaphthalene
 Concen: 35.122 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.9	50.9
164	34.4	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





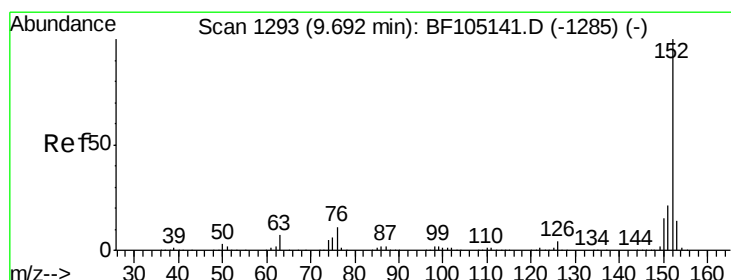
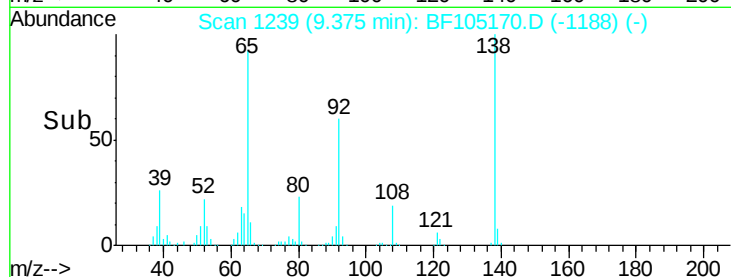
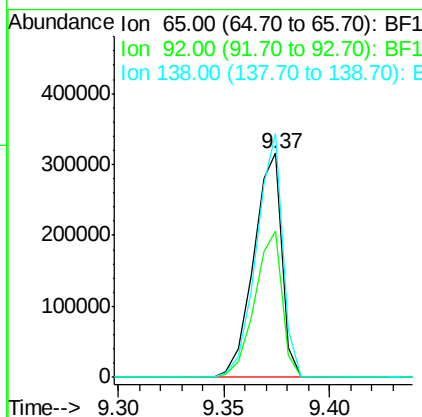
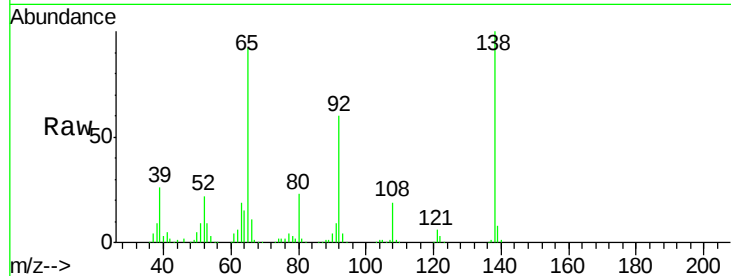
#47
2-Nitroaniline
Concen: 41.224 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.4	55.8	83.6
138	108.6	91.2	136.8

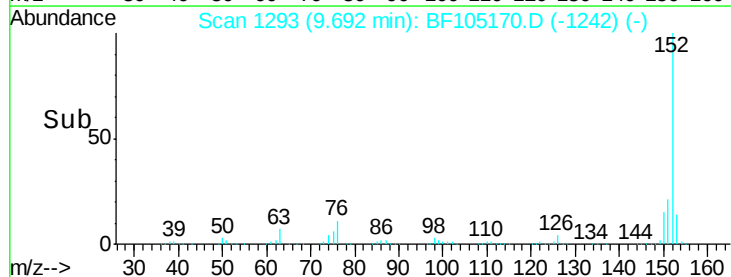
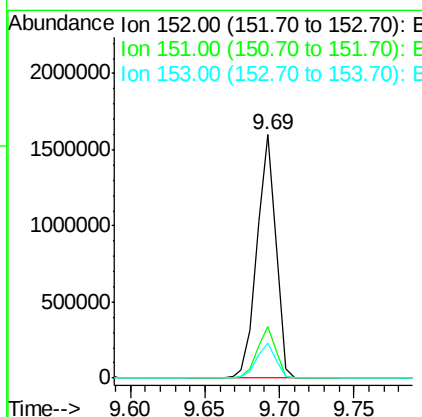
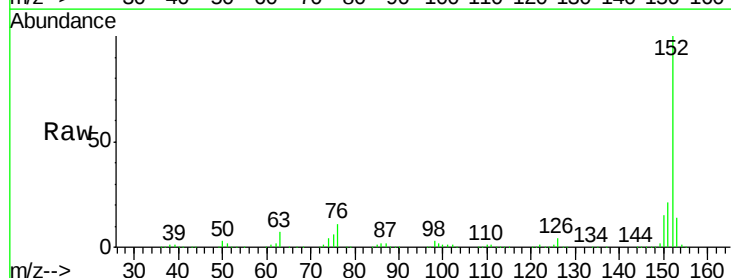
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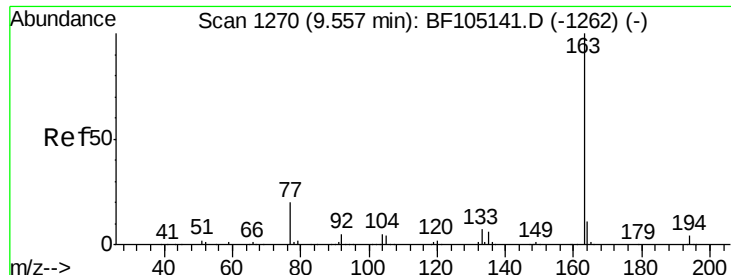
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#48
Acenaphthylene
Concen: 35.331 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.2	10.7	16.1





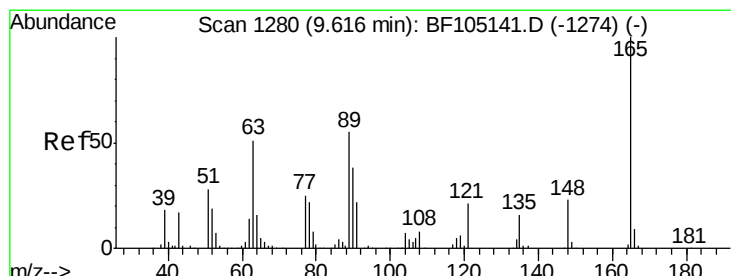
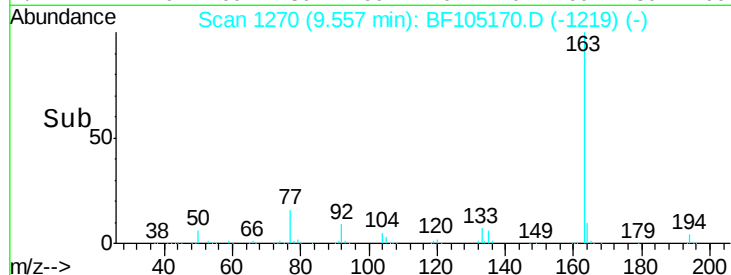
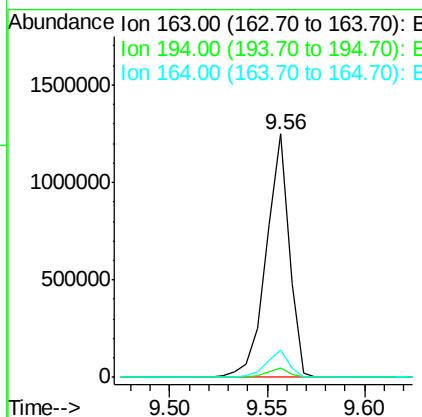
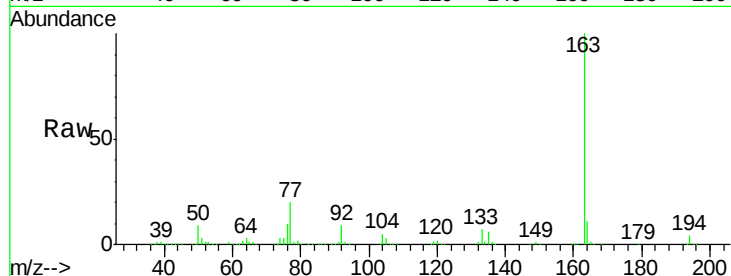
#49
Dimethylphthalate
Concen: 36.116 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	11.0	8.2	12.2

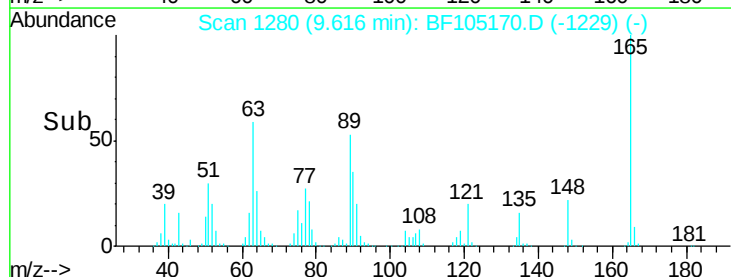
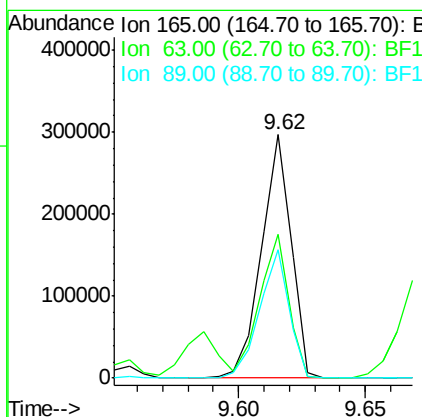
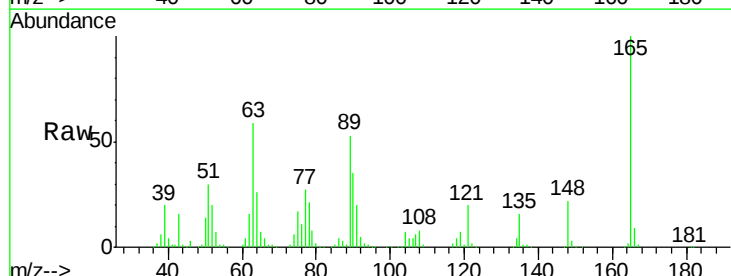
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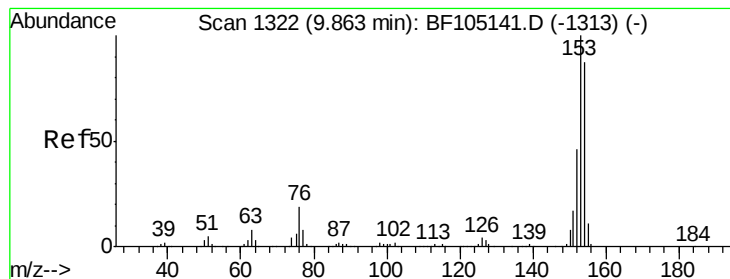
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#50
2,6-Dinitrotoluene
Concen: 39.862 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.0	44.7	67.1
89	52.7	44.0	66.0





#51

Acenaphthene

Concen: 36.059 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

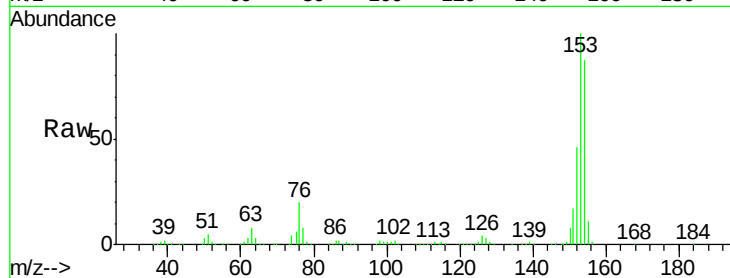
ClientSampleId :

SSTDCCC040EC

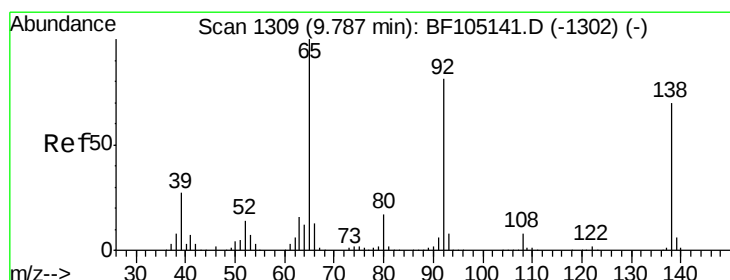
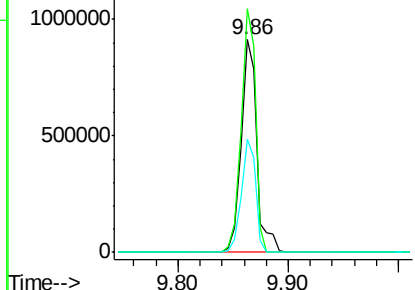
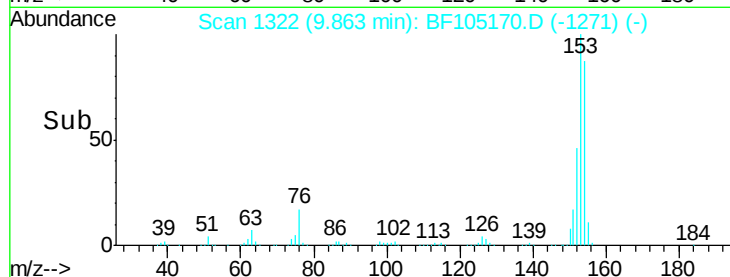
Tot Ion:	154	Resp:	909885
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	52.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 40.180 ng

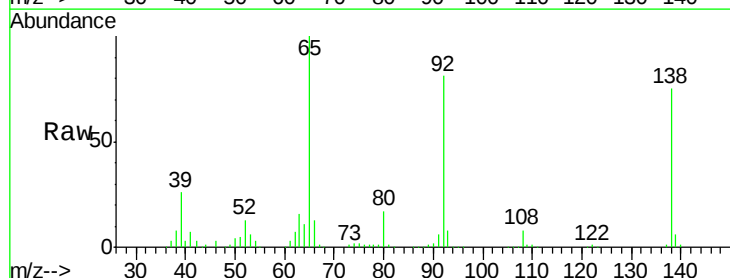
RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

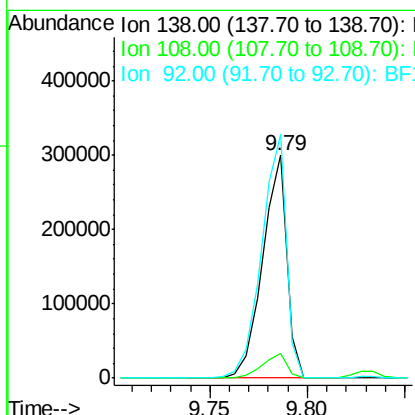
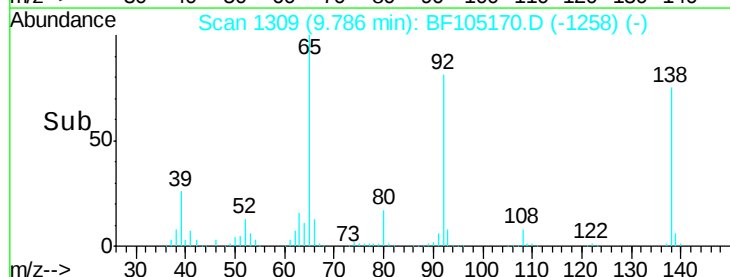
Lab File: BF105170.D

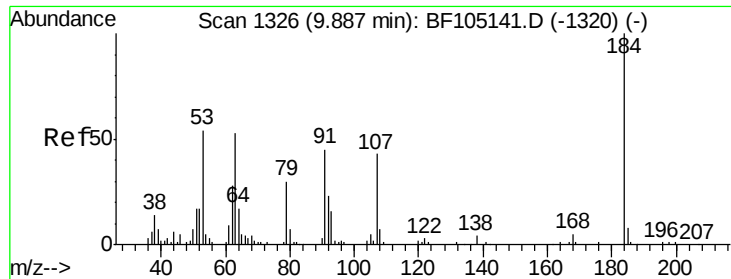
Acq: 9 May 2018 2:58

Tgt Ion:	138	Resp:	258811
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.4	14.0
92	109.1	89.4	134.2



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





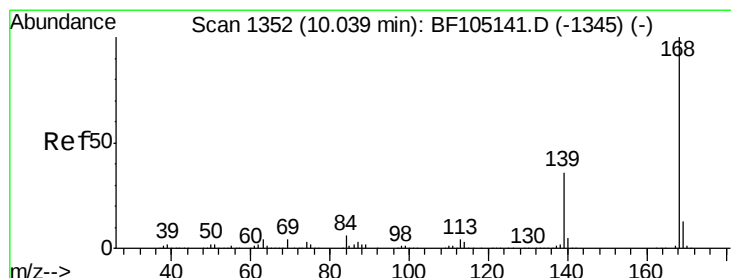
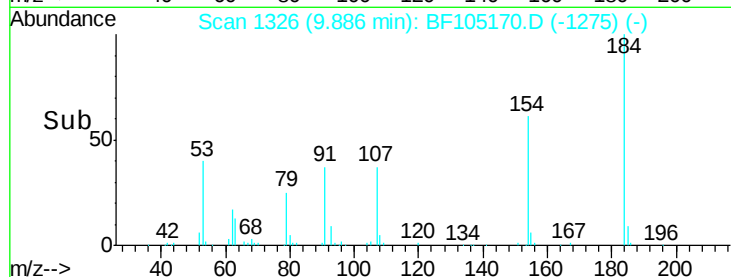
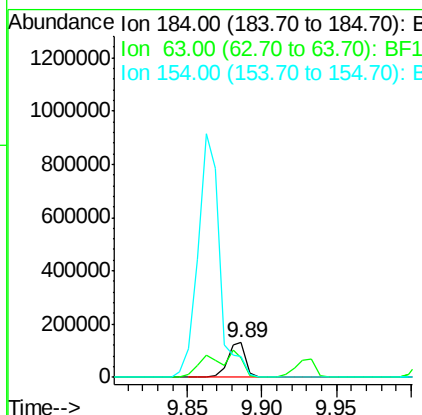
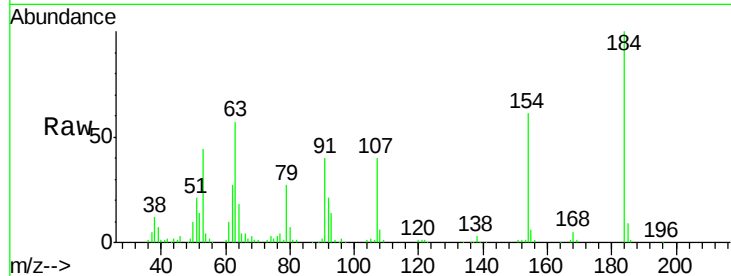
#53
 2,4-Dinitrophenol
 Concen: 53.588 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.5	54.2	81.2
154	60.7	184.0	276.0#

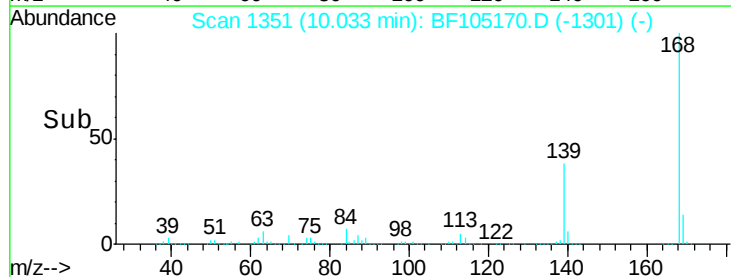
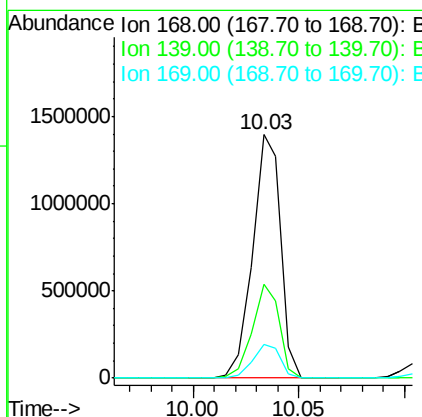
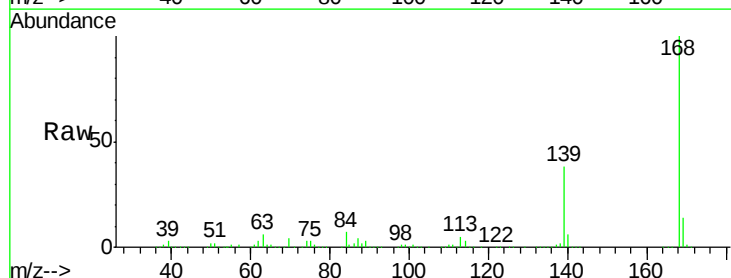
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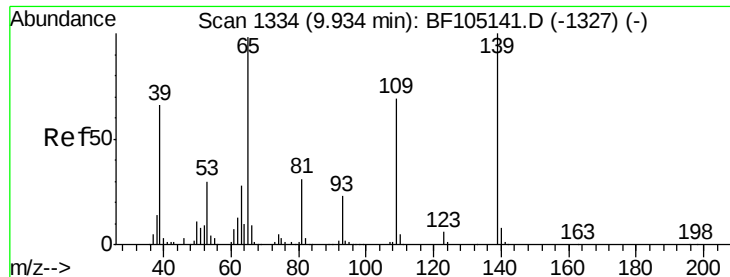
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#54
 Dibenzofuran
 Concen: 34.749 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.0	10.9	16.3





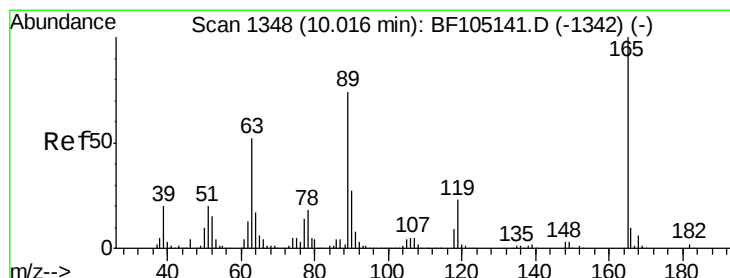
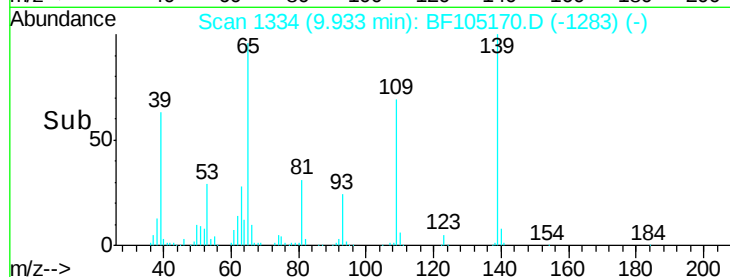
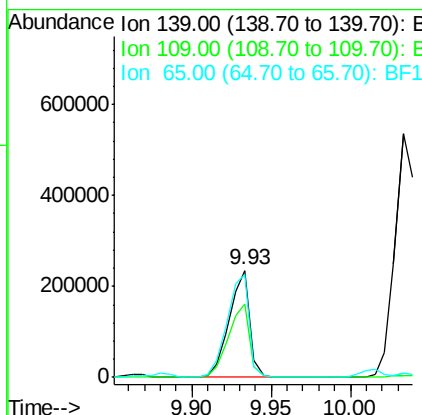
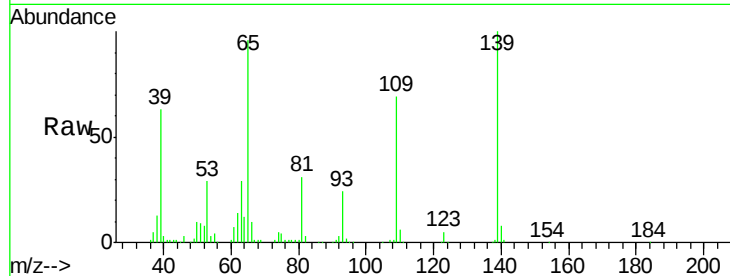
#55
4-Nitrophenol
Concen: 38.990 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	68.8	48.4	88.4
65	96.4	72.6	112.6

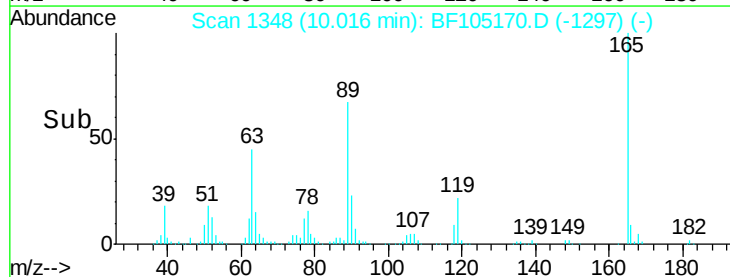
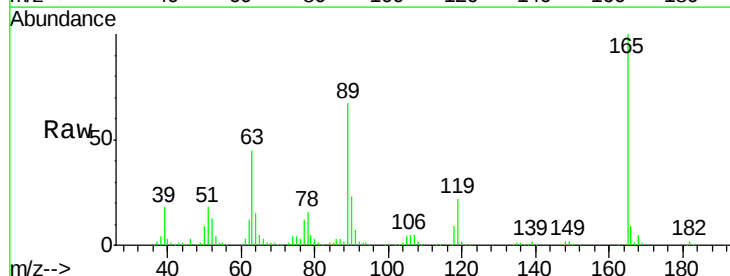
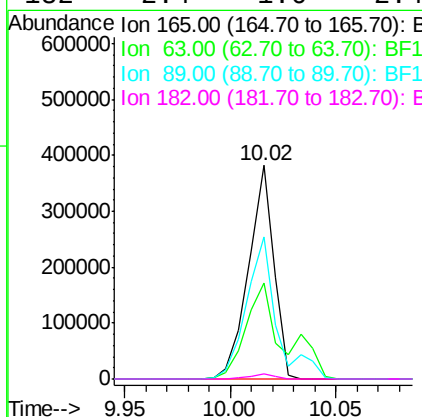
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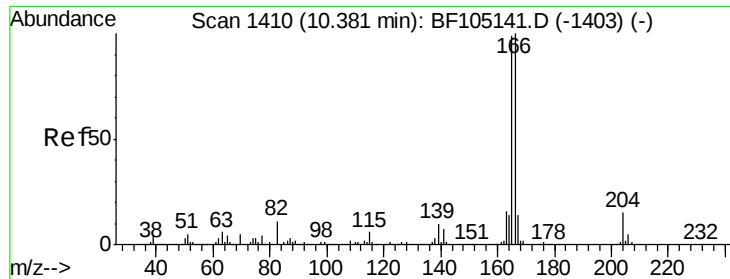
Sohil
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#56
2,4-Dinitrotoluene
Concen: 40.095 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	45.0	36.4	54.6
89	66.6	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 33.981 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 919850
Ion Ratio Lower Upper

166 100

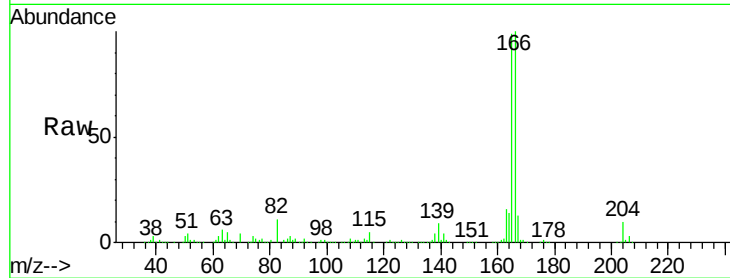
165 99.1 79.8 119.8

167 13.4 10.6 16.0

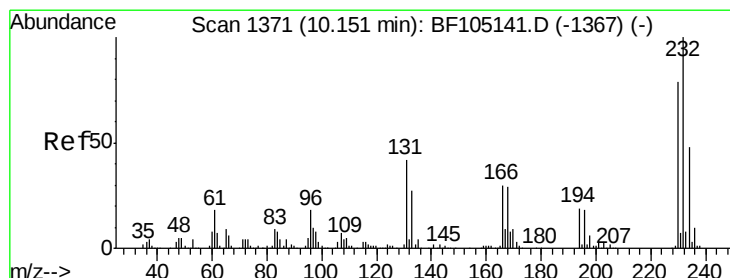
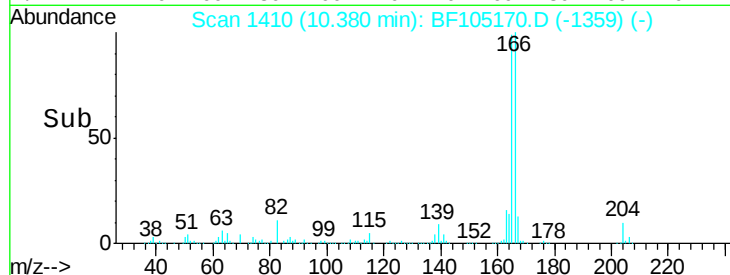
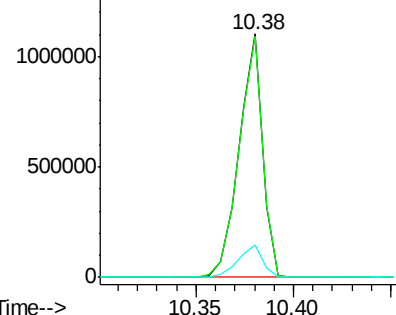
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
1500000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.093 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion:232 Resp: 287159
Ion Ratio Lower Upper

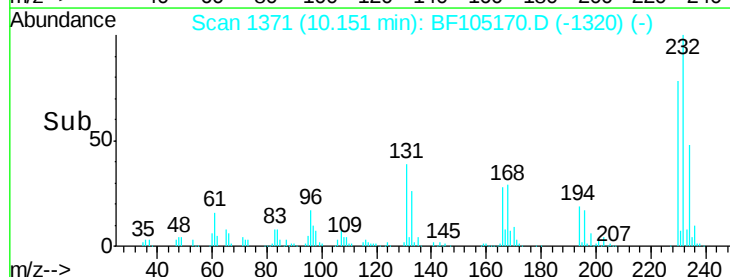
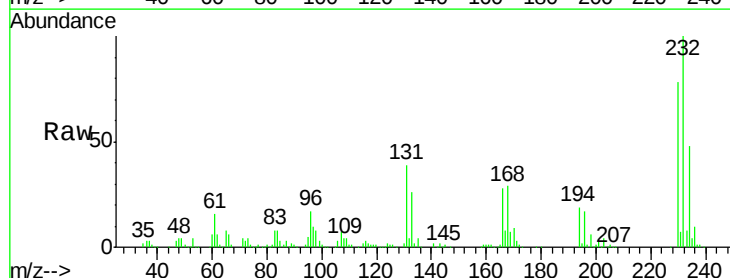
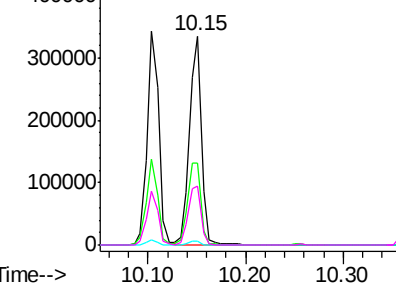
232 100

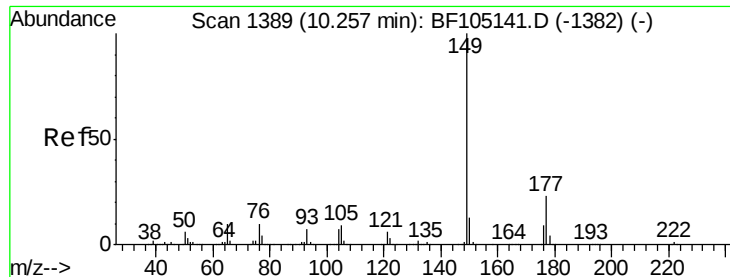
131 43.5 43.8 65.8#

130 2.1 2.1 3.1#

166 30.1 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
500000
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





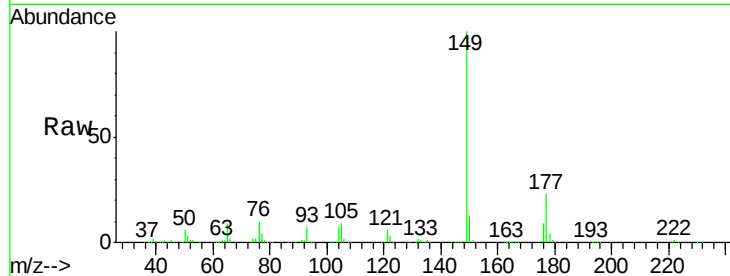
#59
Diethylphthalate
Concen: 37.134 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

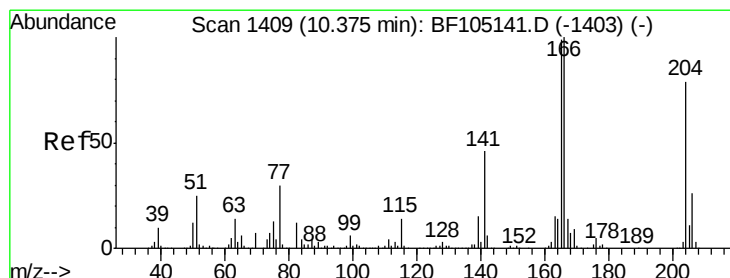
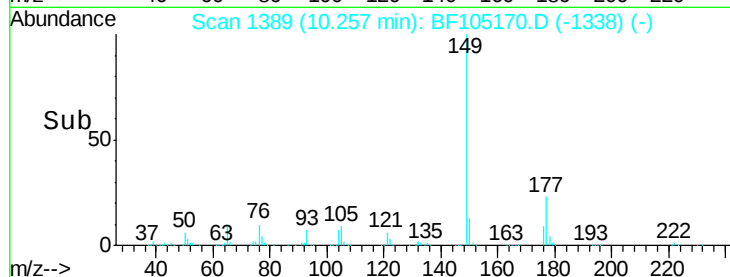
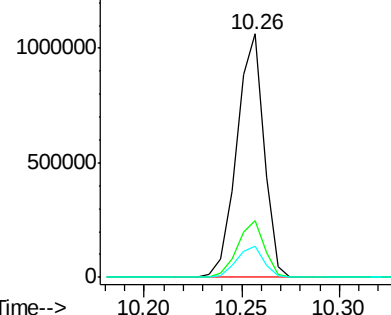
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	16.1	24.1
150	12.6	10.1	15.1

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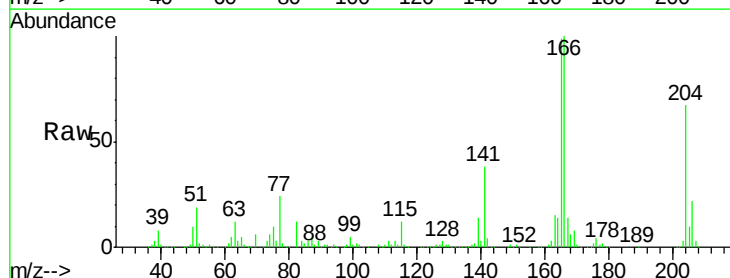


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

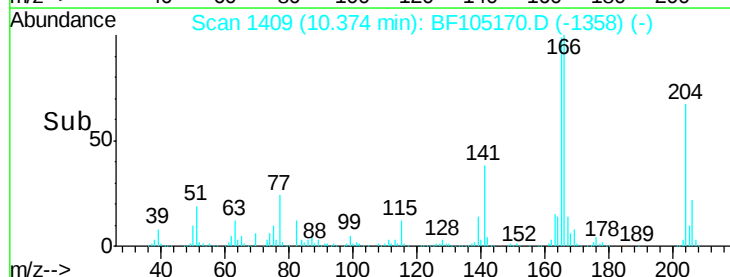
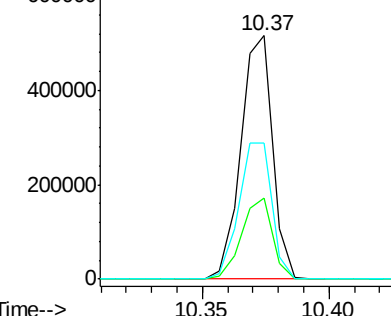


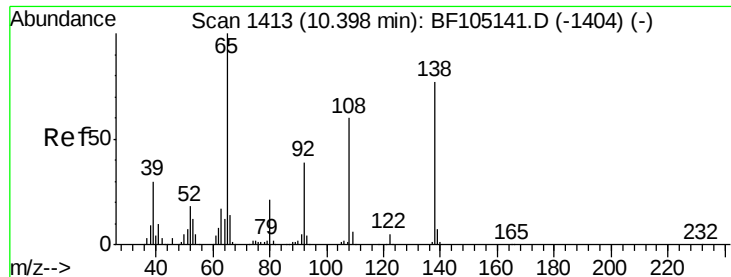
#60
4-Chlorophenyl-phenylether
Concen: 35.706 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	56.0	54.6	81.8



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





#61

4-Nitroaniline

Concen: 40.202 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 257678

Ion Ratio Lower Upper

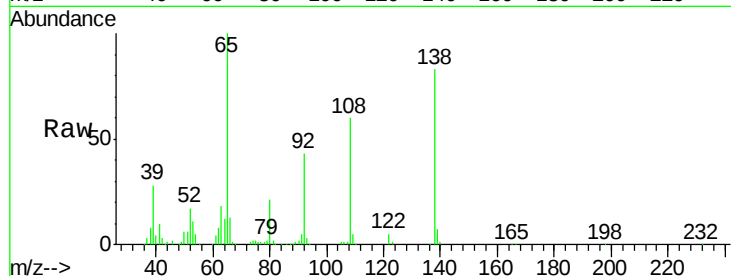
138 100

92 51.7 30.2 70.2

108 72.6 52.5 92.5

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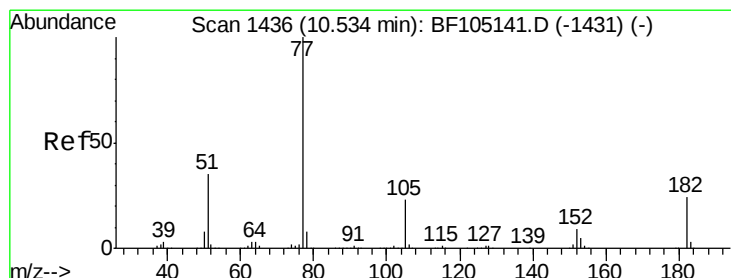
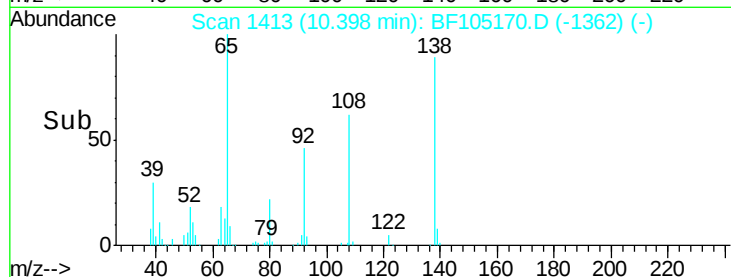
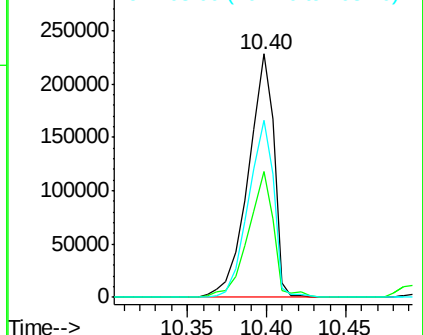


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.840 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion: 77 Resp: 1006622

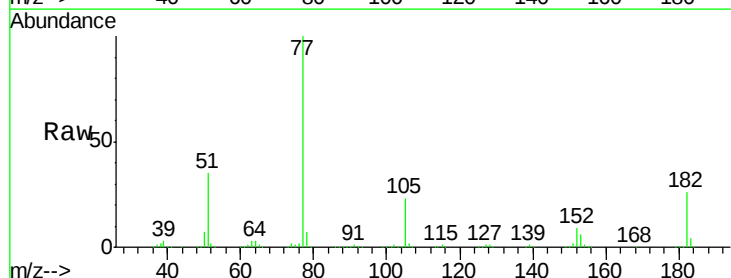
Ion Ratio Lower Upper

77 100

182 26.1 1.7 41.7

105 22.8 3.0 43.0

51 35.4 9.9 49.9



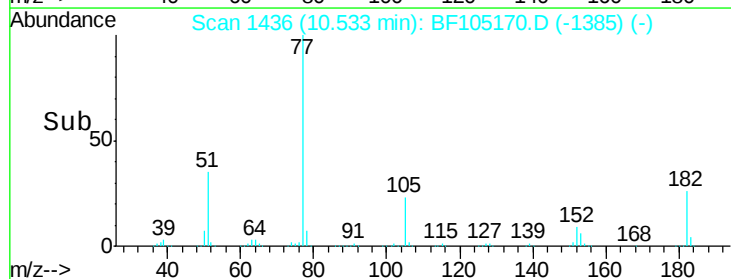
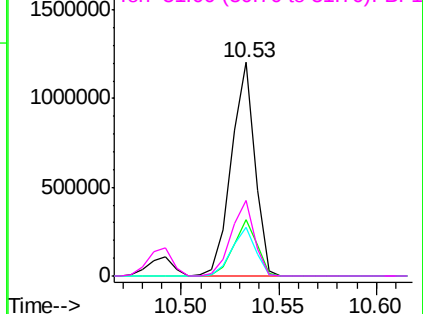
Abundance

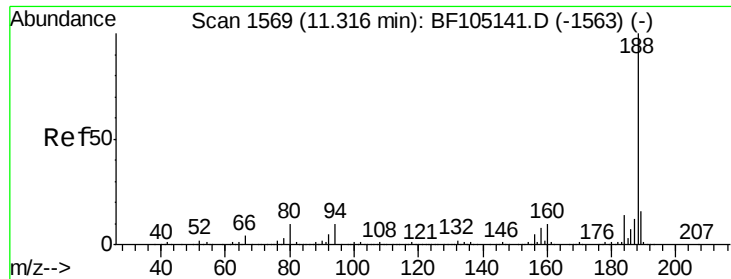
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





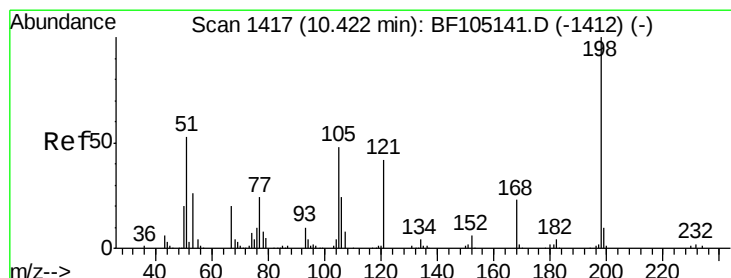
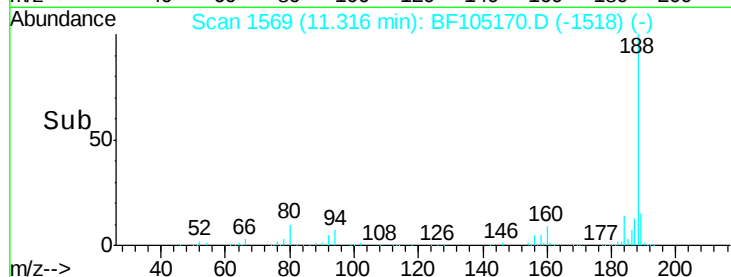
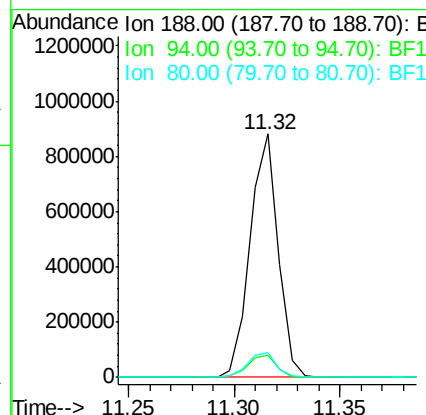
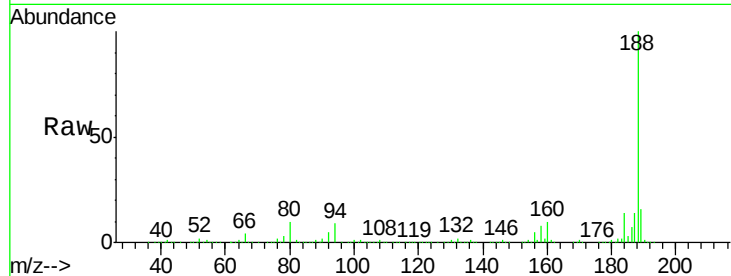
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
188	100	809338		
94	9.1		8.5	12.7
80	10.3		9.2	13.8

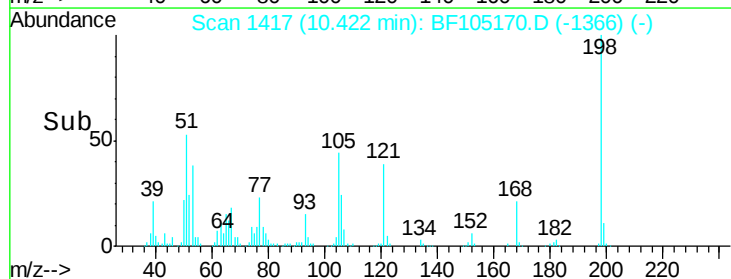
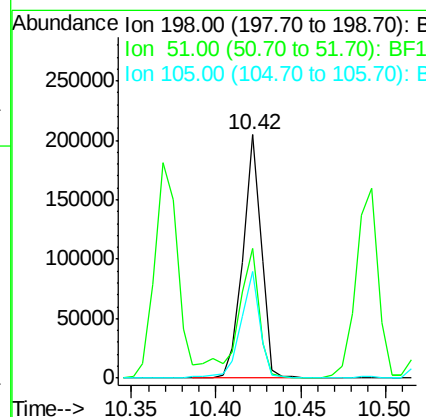
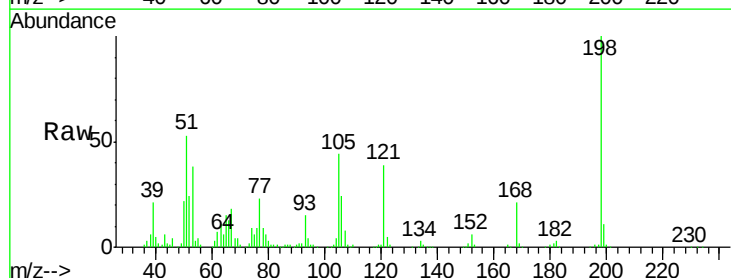
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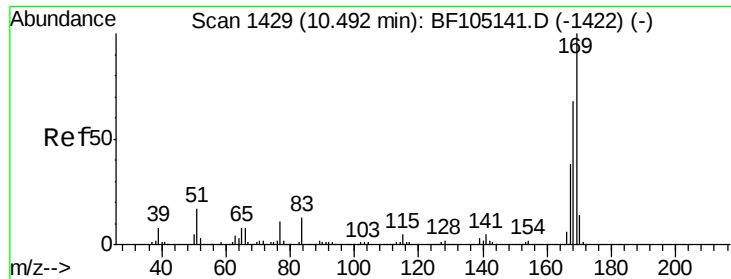
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.058 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	155732		
51	53.2		37.7	77.7
105	43.9		36.3	76.3





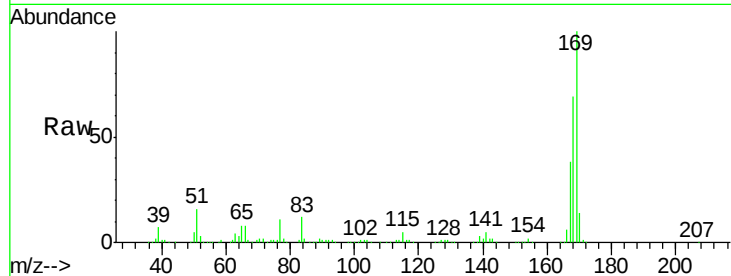
#65
n-Nitrosodiphenylamine
Concen: 34.568 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

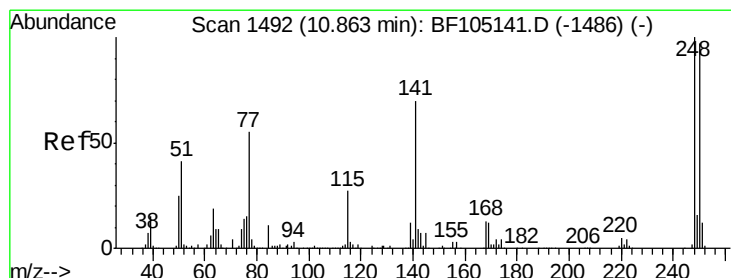
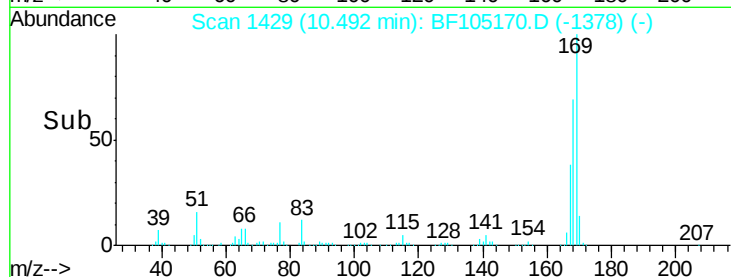
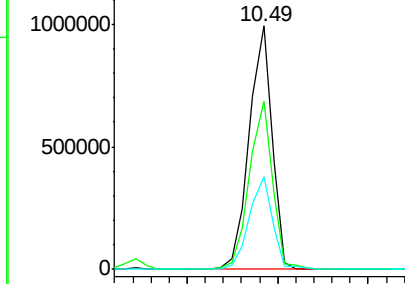
Tot Ion	Ratio	Resp	Lower	Upper
169	100	872101		
168	69.3	54.4	81.6	
167	37.8	29.8	44.6	

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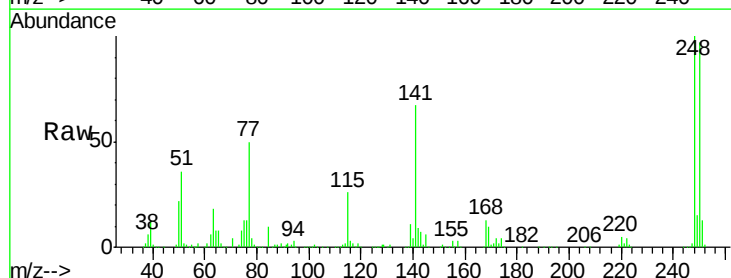


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

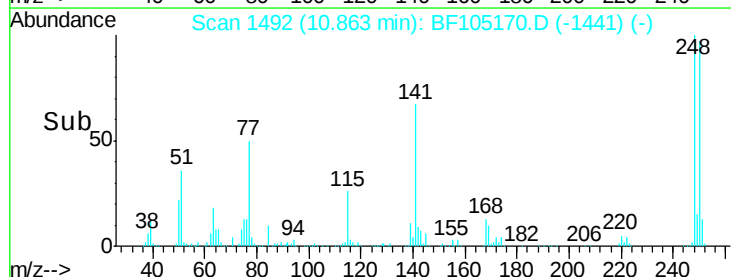
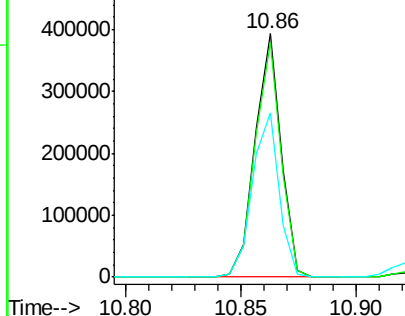


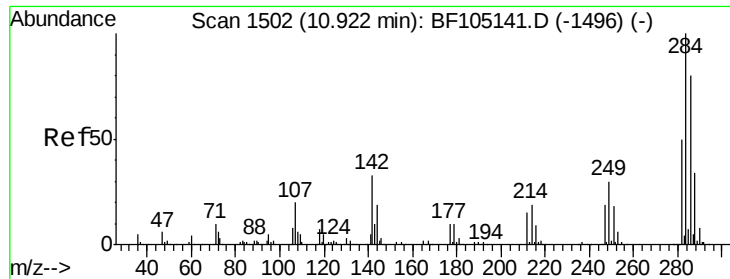
#66
4-Bromophenyl-phenylether
Concen: 35.722 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	308347		
250	96.6	76.9	115.3	
141	67.3	74.4	111.6#	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





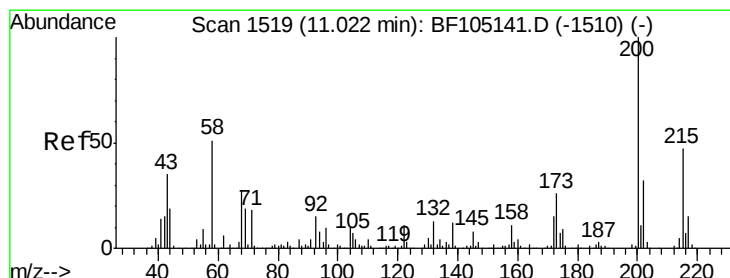
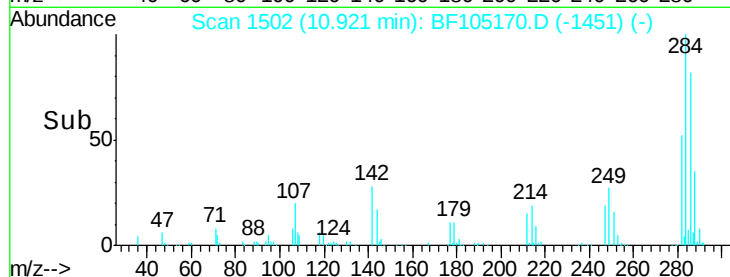
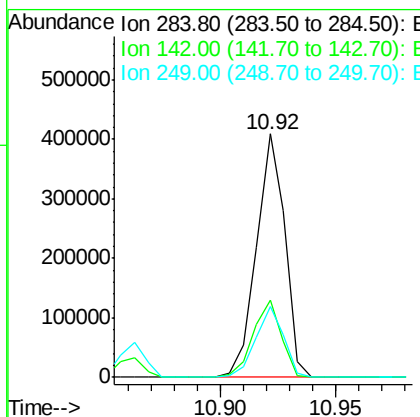
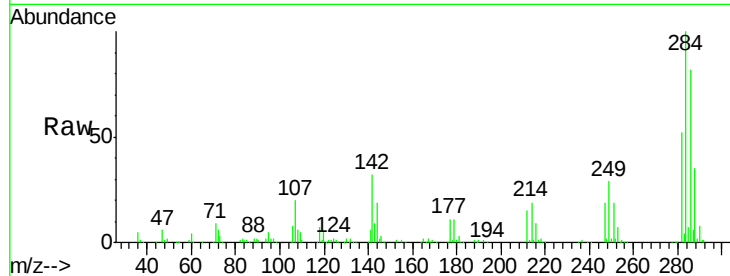
#67
Hexachlorobenzene
Concen: 35.425 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	352330		
142	31.9	34.6	52.0#	
249	29.0	24.8	37.2	

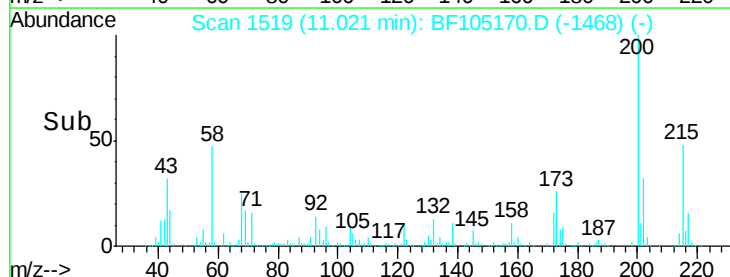
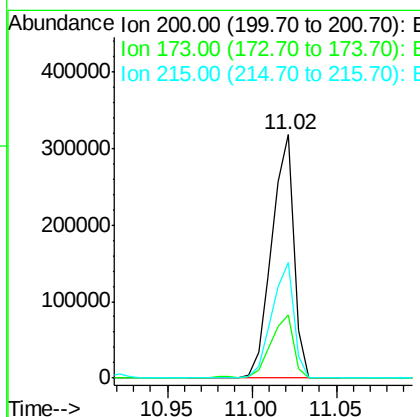
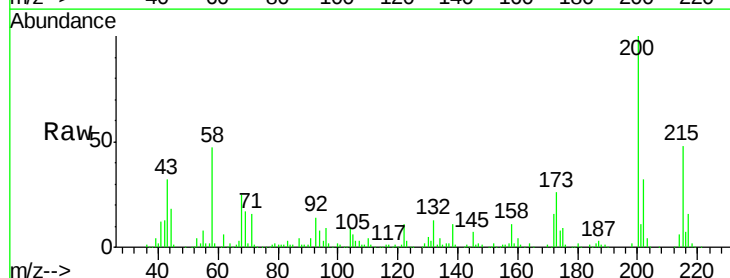
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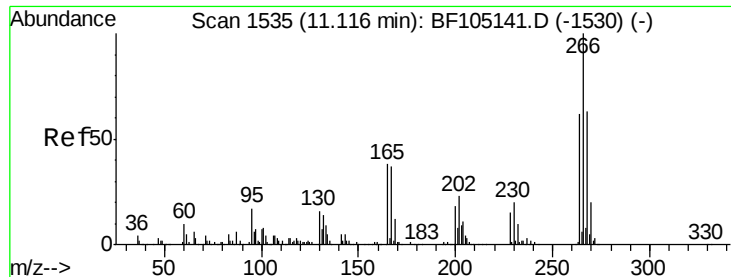
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#68
Atrazine
Concen: 36.149 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	285838		
173	26.0	8.6	48.6	
215	47.7	25.1	65.1	





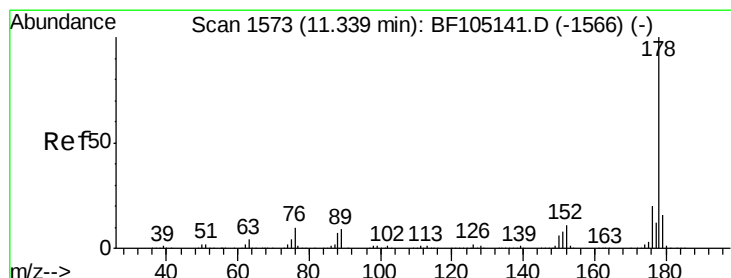
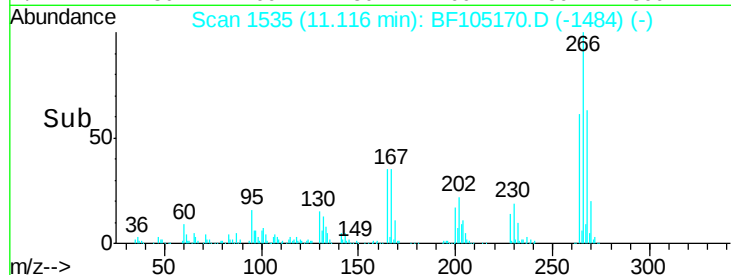
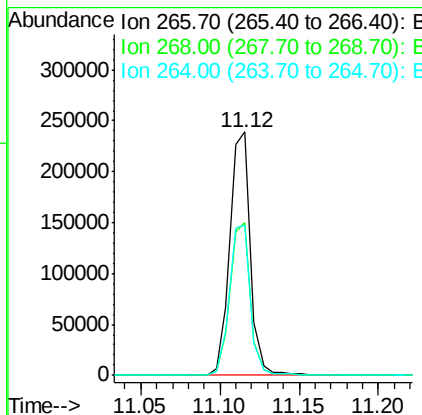
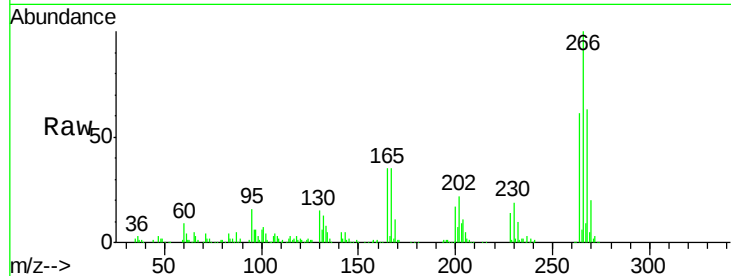
#69
 Pentachlorophenol
 Concen: 38.627 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	61.5	49.5	74.3

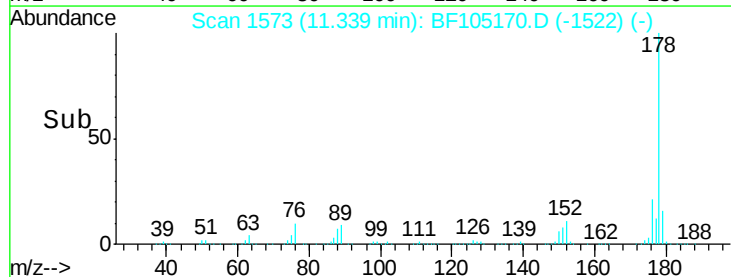
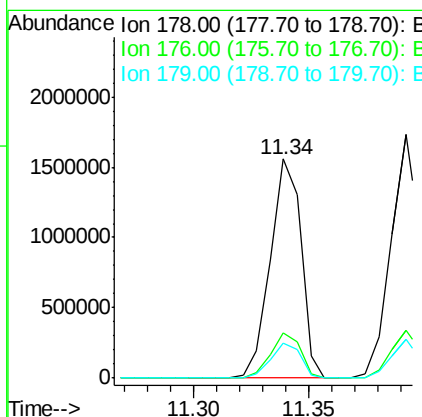
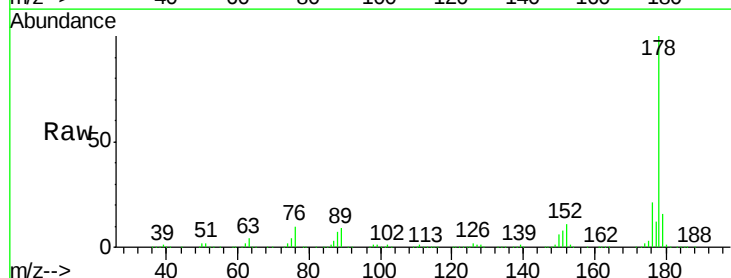
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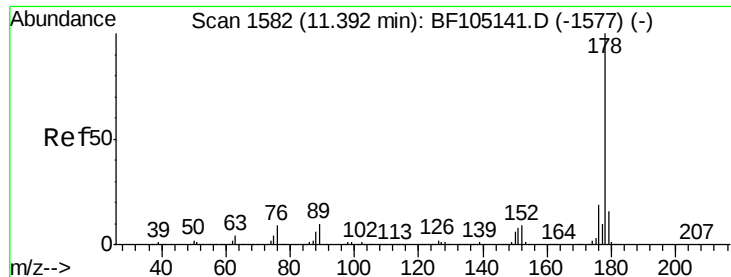
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#70
 Phenanthrene
 Concen: 33.837 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.9	13.0	19.6





#71

Anthracene

Concen: 34.594 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 1499814

Ion Ratio Lower Upper

178 100

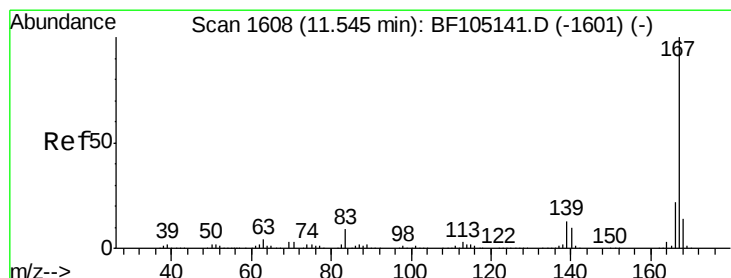
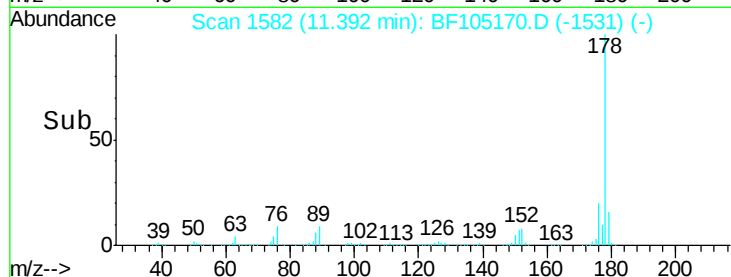
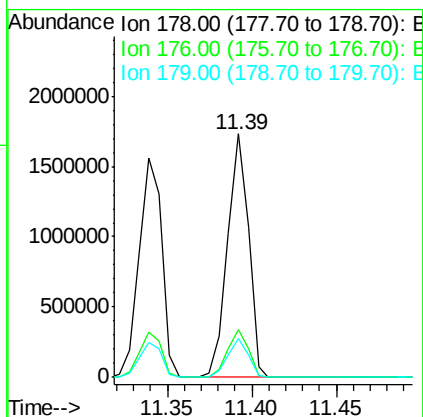
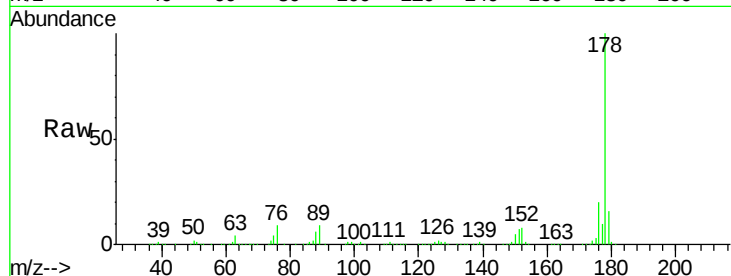
176 19.7 15.4 23.2

179 15.9 12.6 19.0

Manual Integrations
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#72

Carbazole

Concen: 34.827 ng

RT: 11.54 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

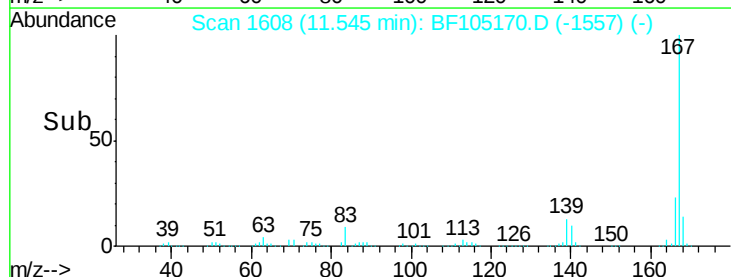
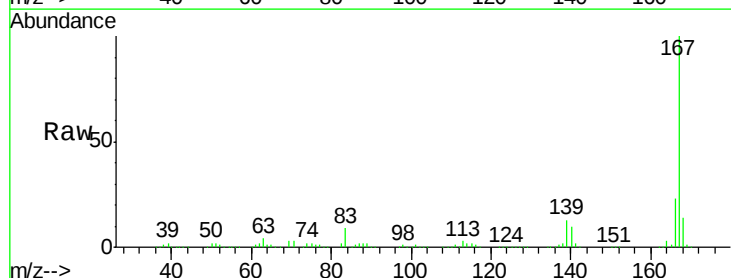
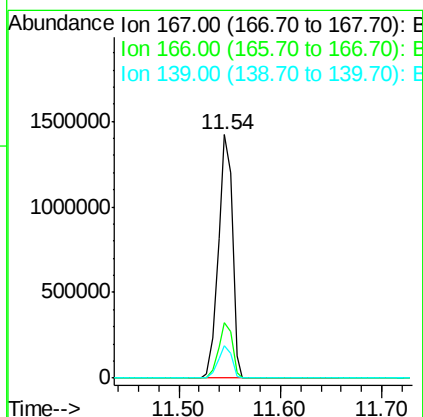
Tgt Ion:167 Resp: 1360611

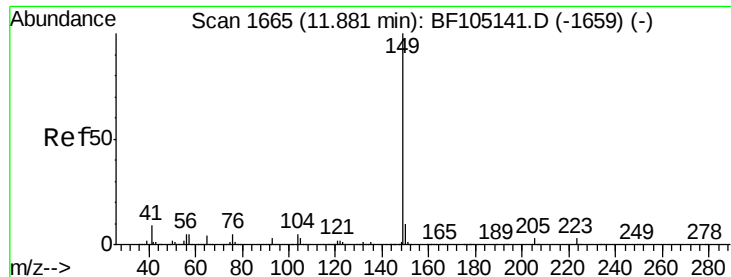
Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.056 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1548412

Ion Ratio Lower Upper

149 100

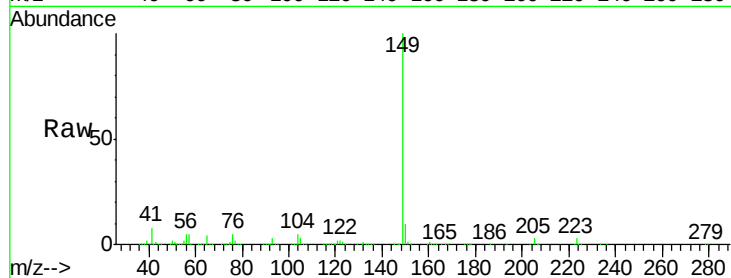
150 9.5 7.8 11.6

104 5.2 3.8 5.8

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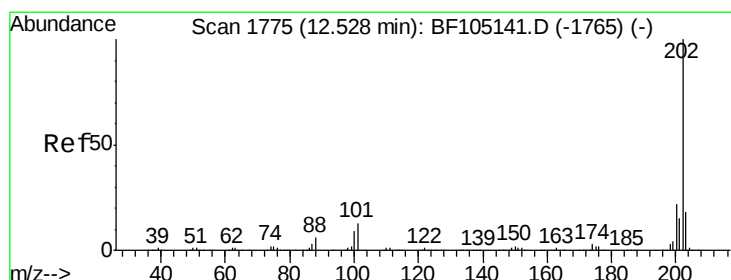
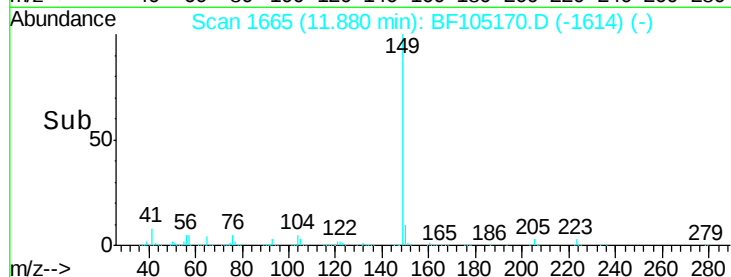
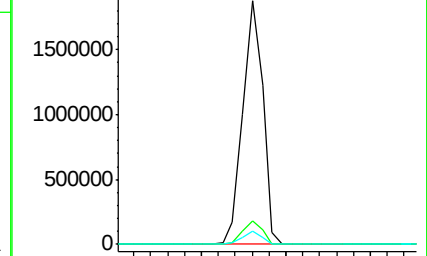
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.641 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

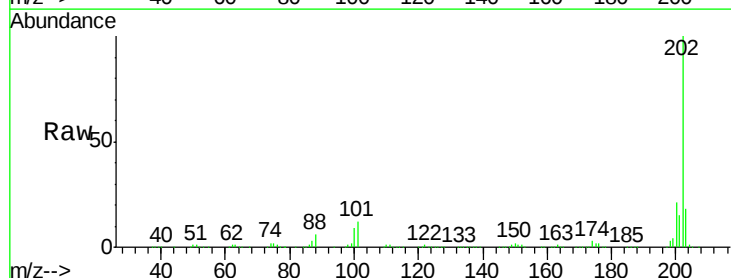
Tgt Ion:202 Resp: 1584629

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

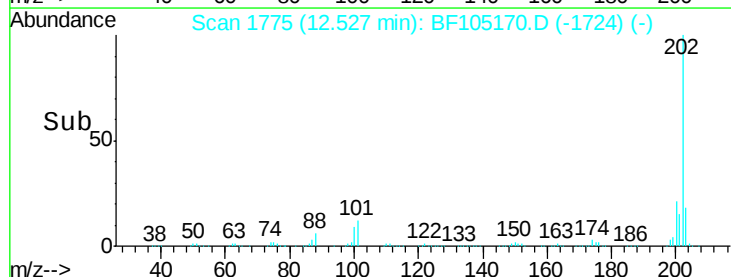
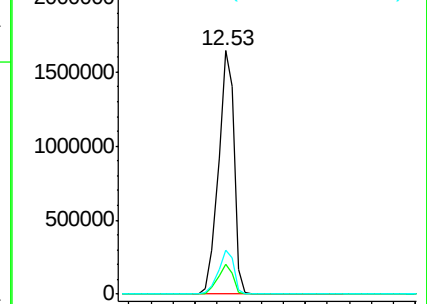
203 18.1 0.0 38.1

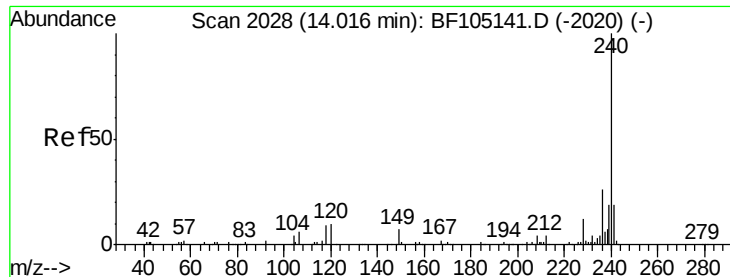


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

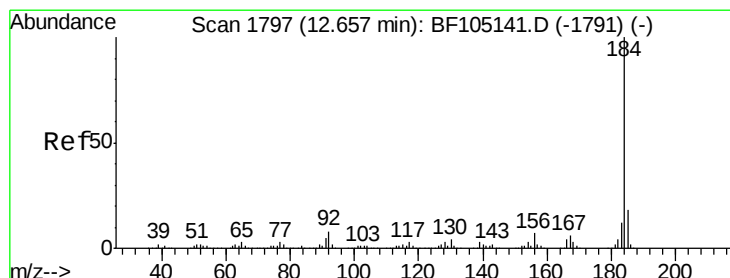
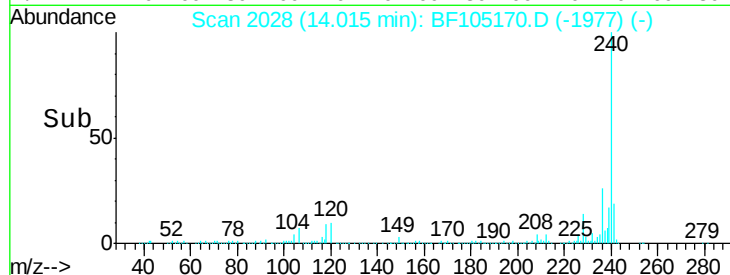
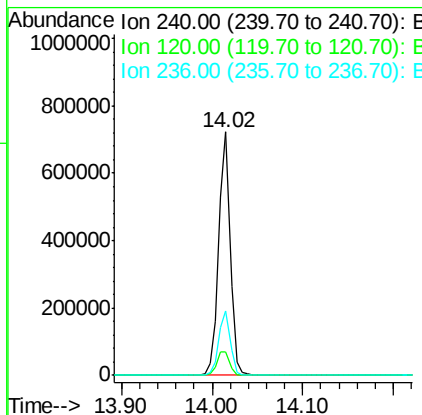
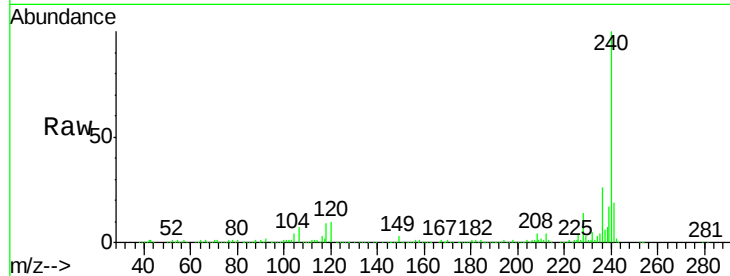
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	630384
Ion Ratio		Lower	Upper
240	100		
120	9.9	9.5	14.3
236	26.4	20.7	31.1

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#76

Benzidine

Concen: 34.847 ng

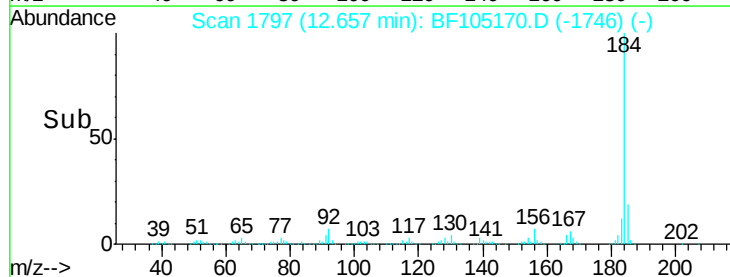
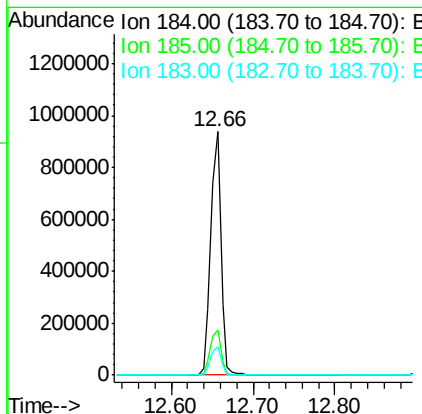
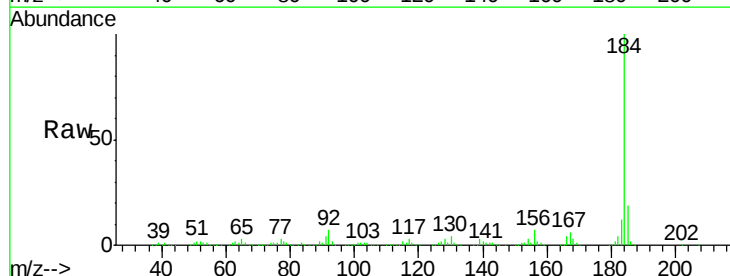
RT: 12.66 min Scan# 1797

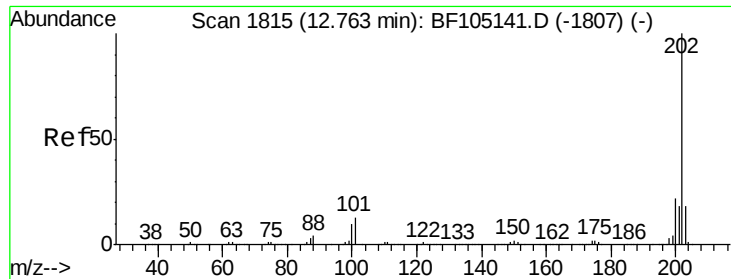
Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Tgt Ion:	184	Resp:	820299
Ion Ratio		Lower	Upper
184	100		
185	18.7	12.6	18.8
183	12.0	9.3	13.9





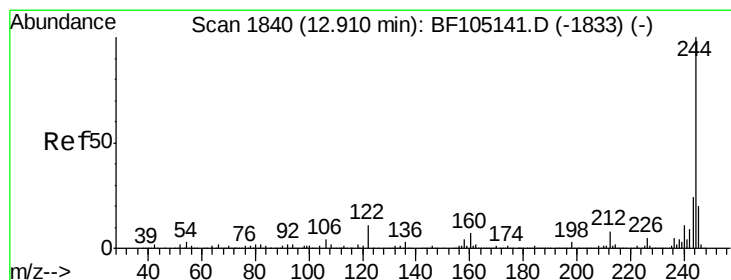
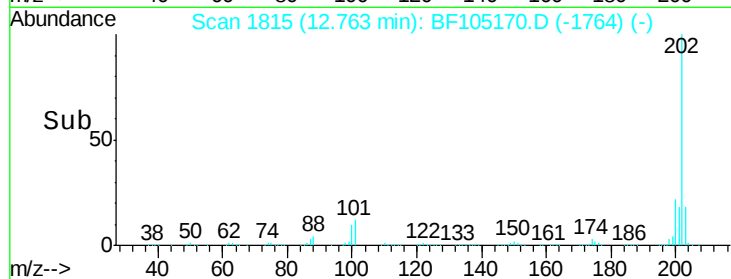
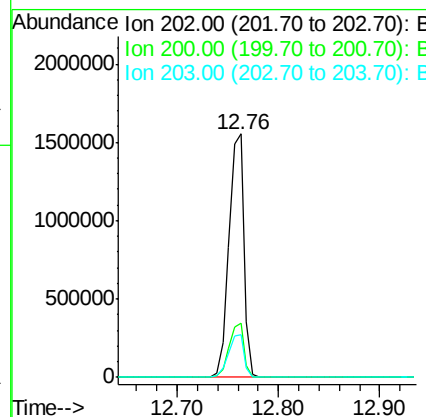
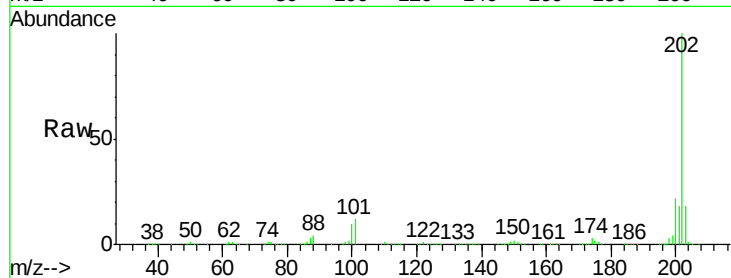
#77
Pvrene
Concen: 34.852 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.8	14.3	21.5

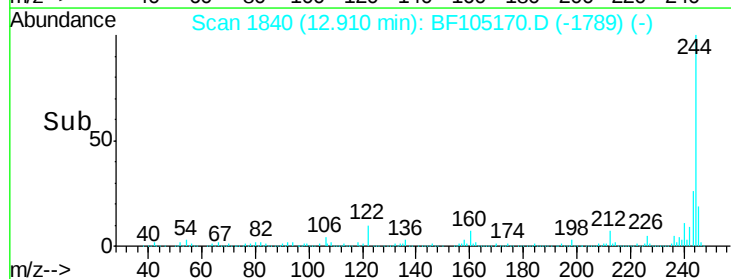
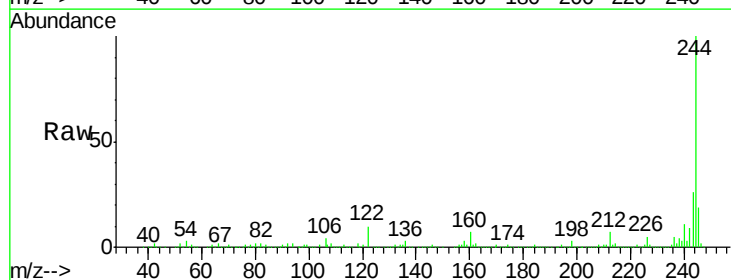
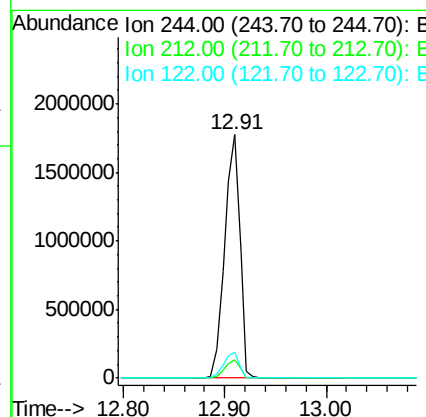
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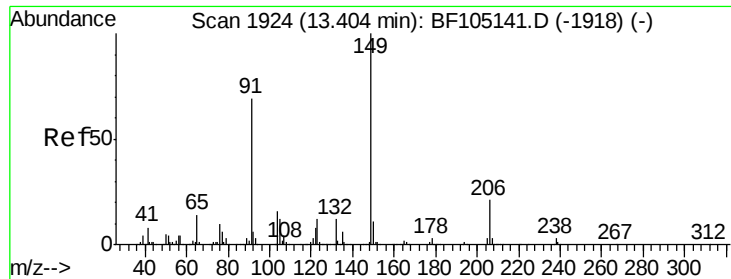
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#78
Terphenyl-d14
Concen: 67.815 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.5	11.0	16.4





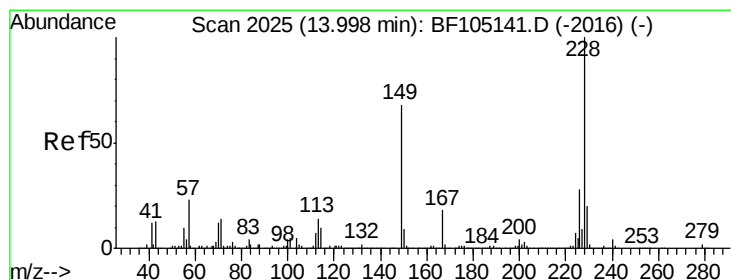
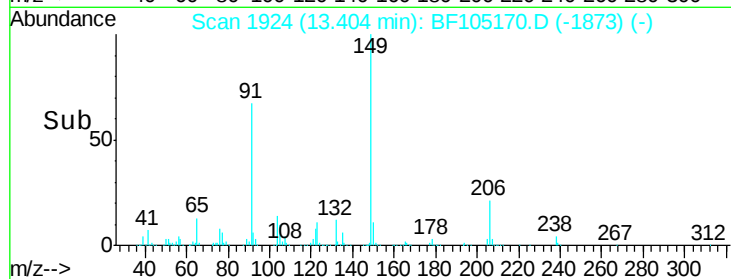
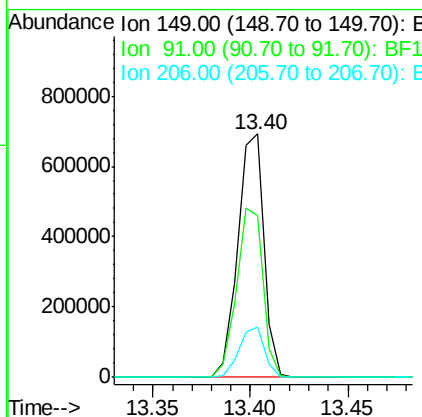
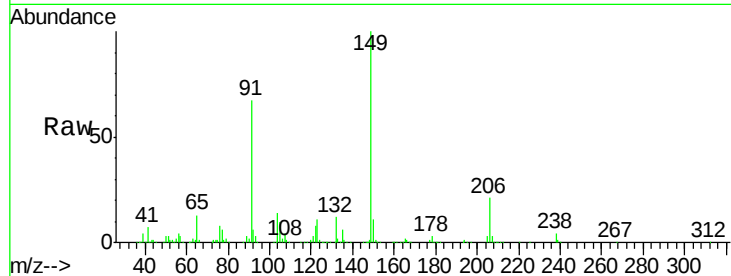
#79
Butylbenzylphthalate
Concen: 40.171 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	643889		
91	66.6	56.8	85.2	
206	20.7	14.1	21.1	

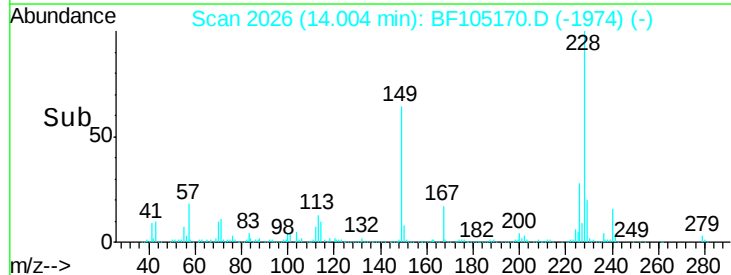
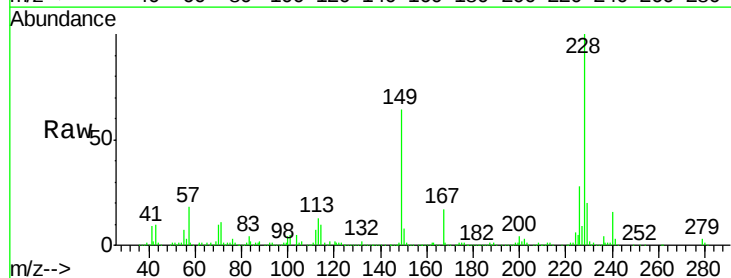
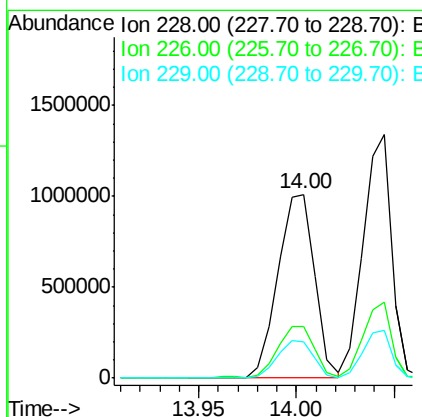
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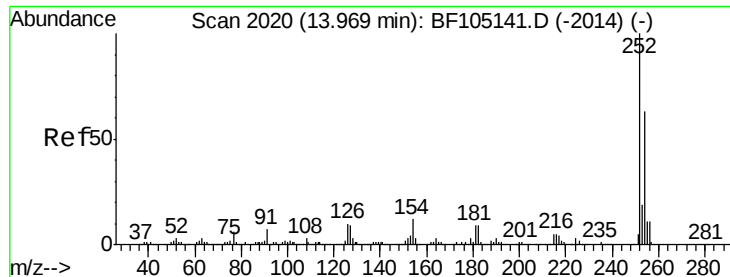
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#80
Benzo(a)anthracene
Concen: 34.296 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1311167		
226	28.1	22.6	33.8	
229	19.9	15.8	23.6	





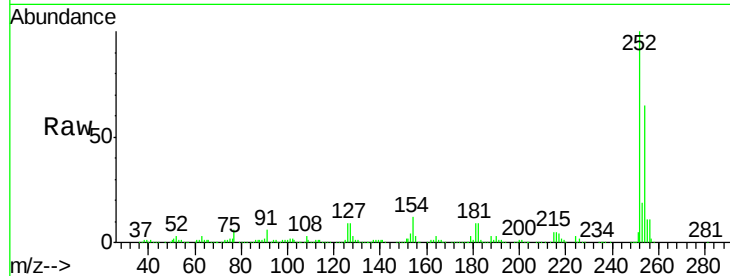
#81
 3,3'-Dichlorobenzidine
 Concen: 36.851 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

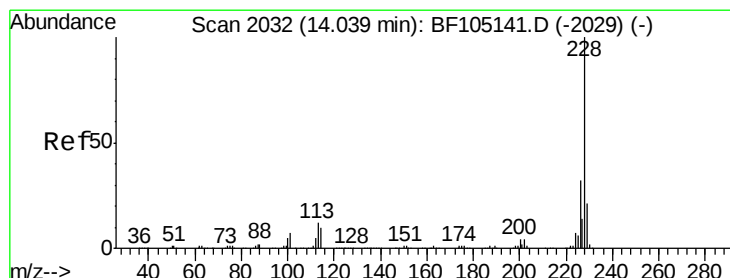
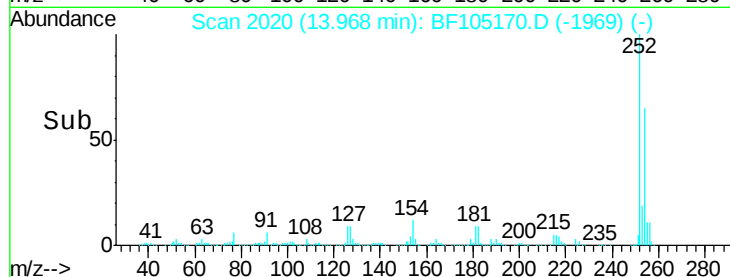
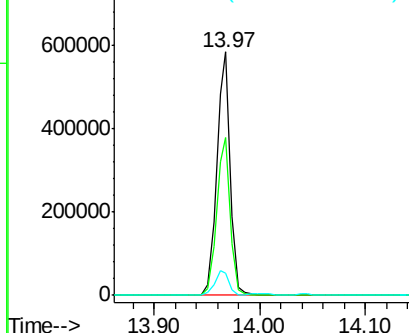
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	50.4	75.6
126	9.3	11.3	16.9

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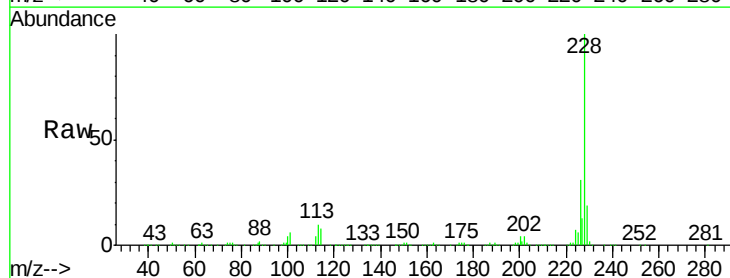


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

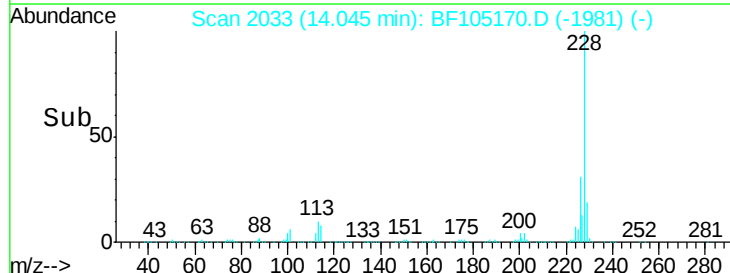
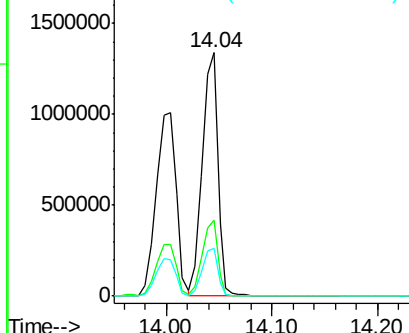


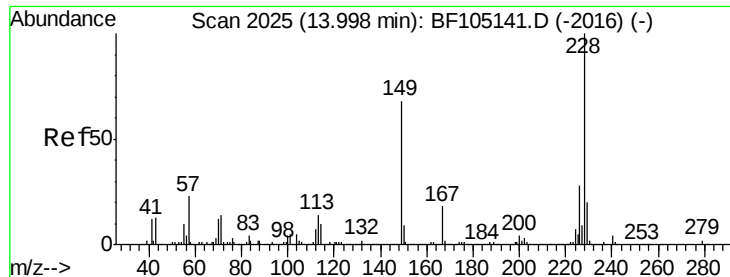
#82
 Chrysene
 Concen: 34.664 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.4	16.2	24.4



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





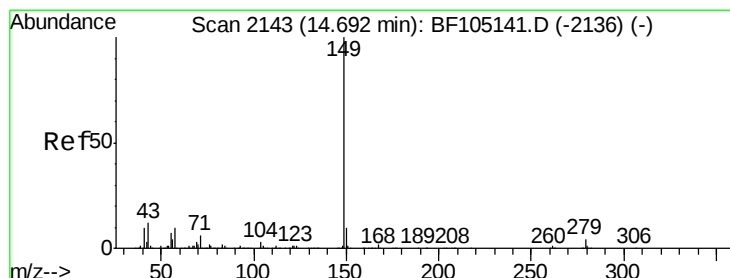
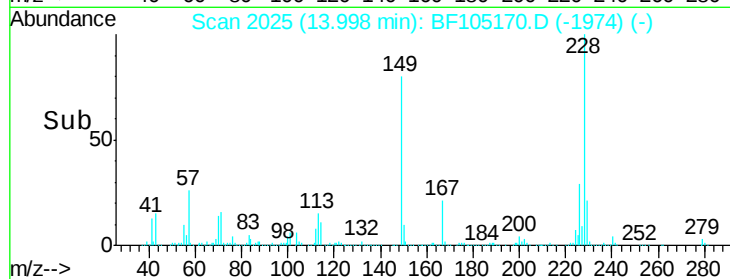
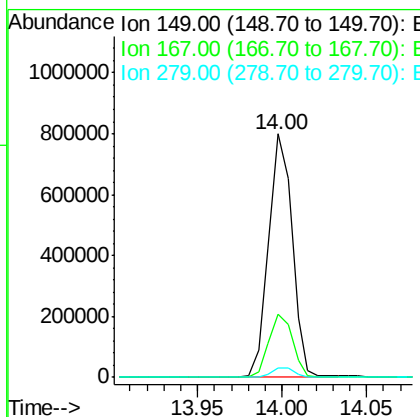
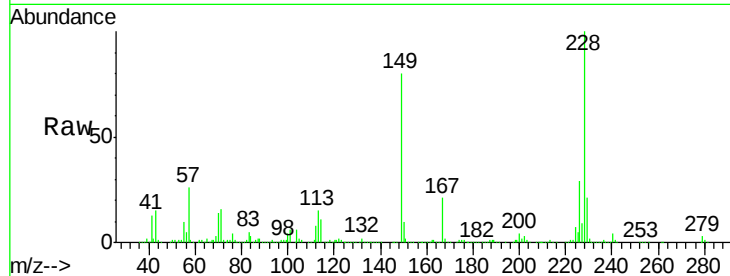
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.084 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.7	3.0	4.4

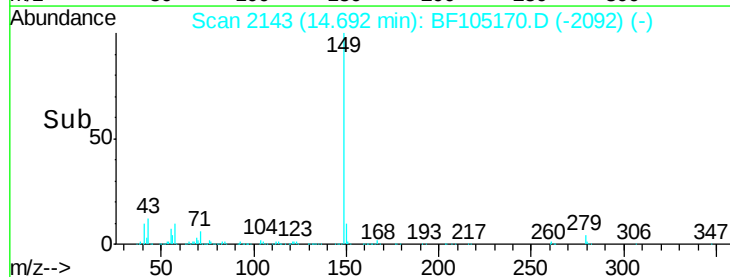
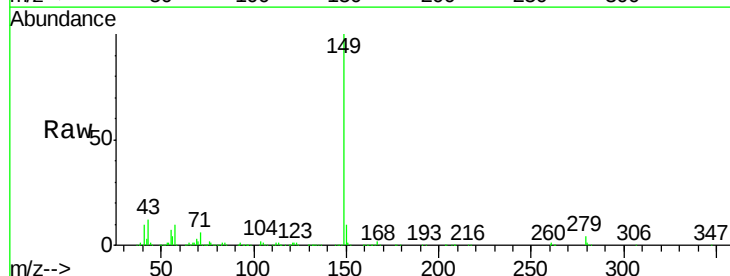
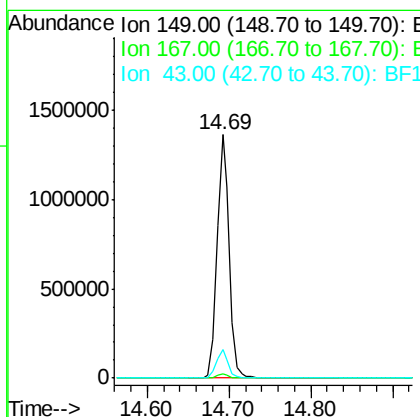
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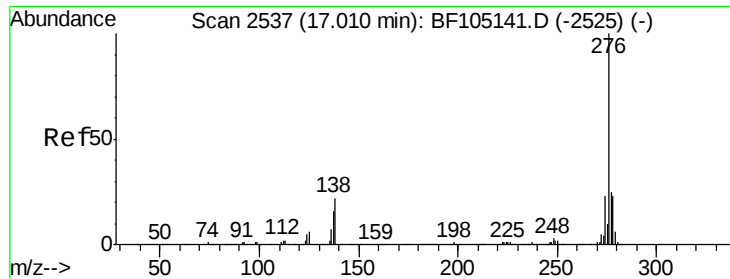
Sohil
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#84
Di-n-octyl phthalate
Concen: 39.551 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.5	8.4	12.6





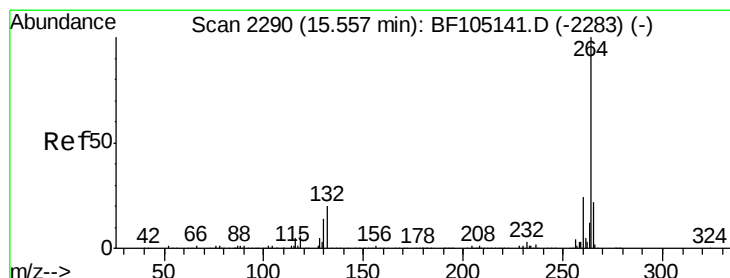
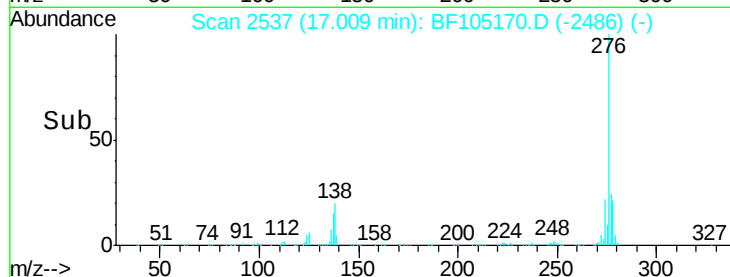
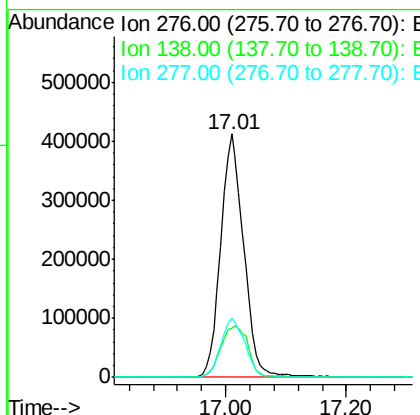
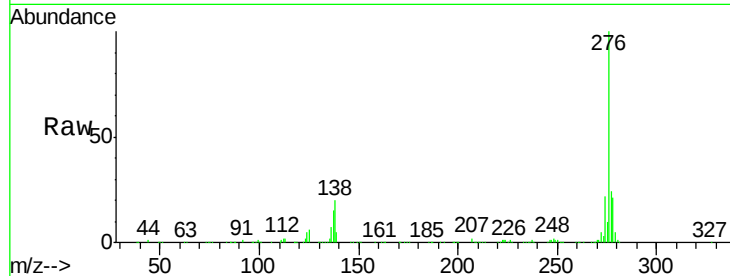
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.093 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	25.4	20.1	30.1

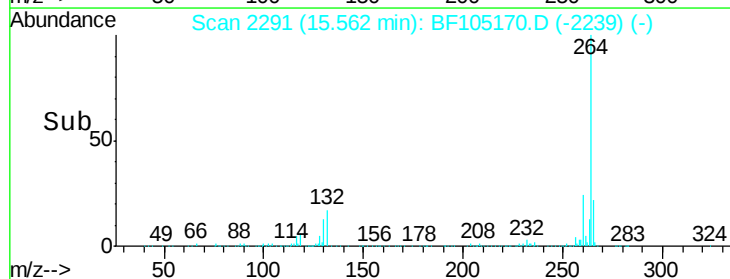
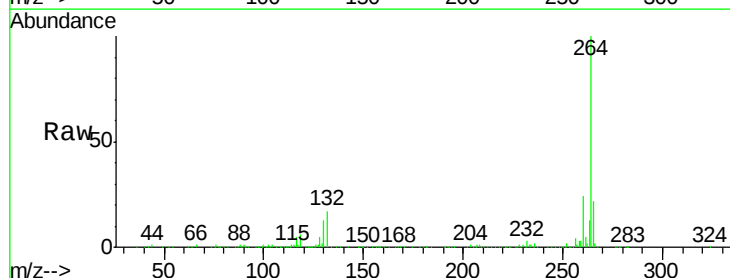
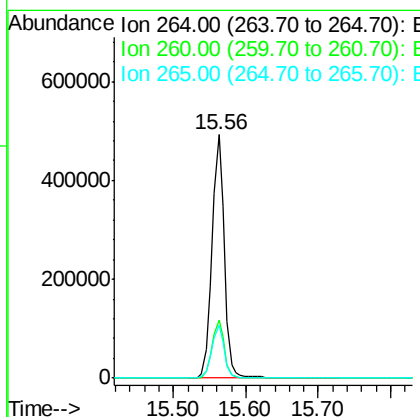
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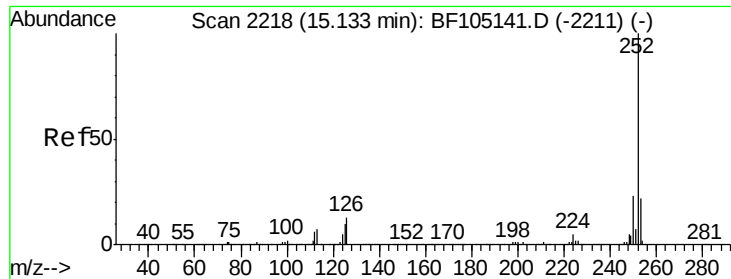
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 36.133 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.01 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1291598

Ion Ratio Lower Upper

252 100

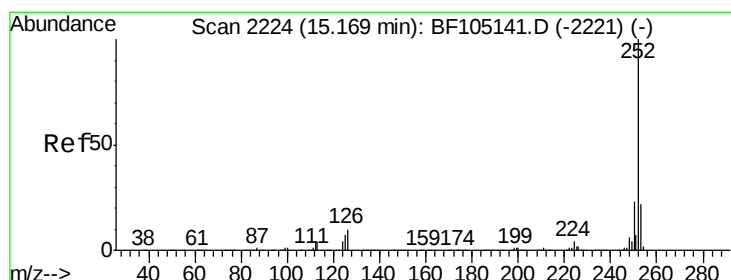
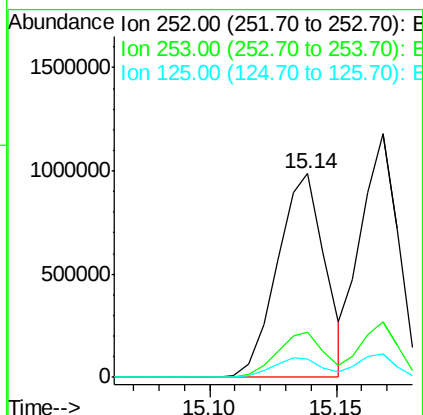
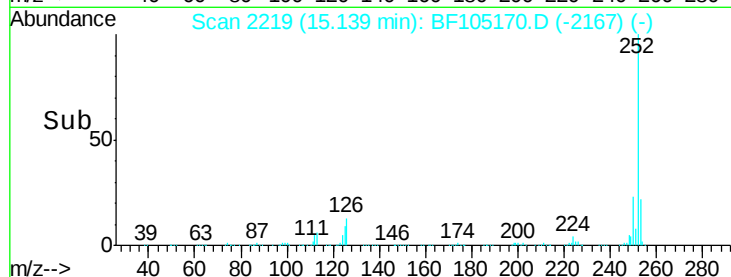
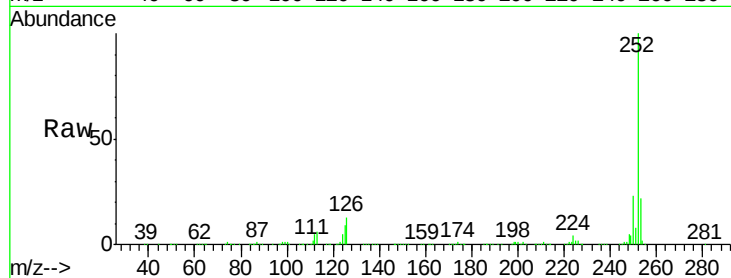
253 22.2 17.0 25.6

125 9.1 9.0 13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.102 ng

RT: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF105170.D

Acq: 9 May 2018 2:58

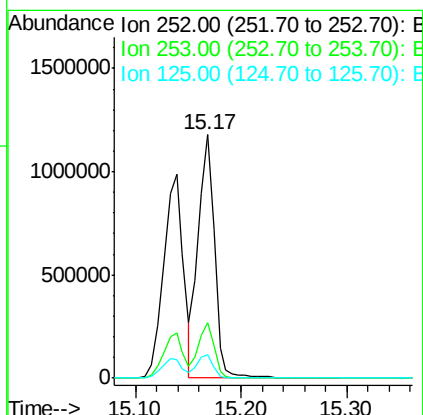
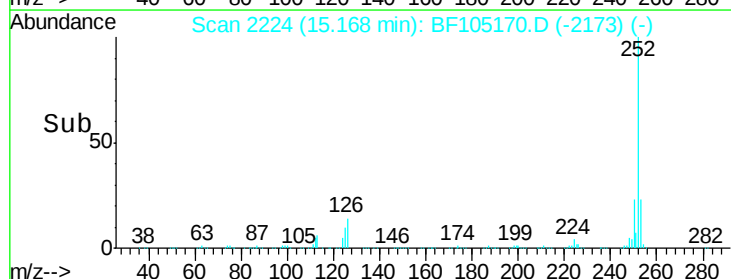
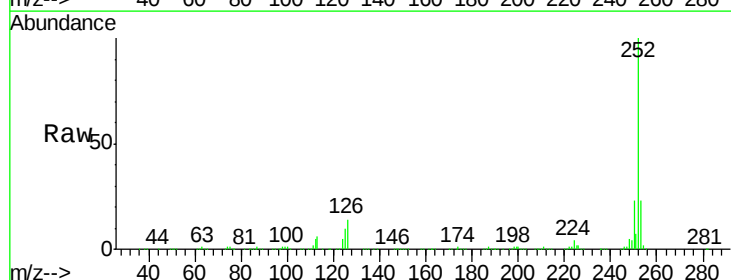
Tgt Ion:252 Resp: 1251344

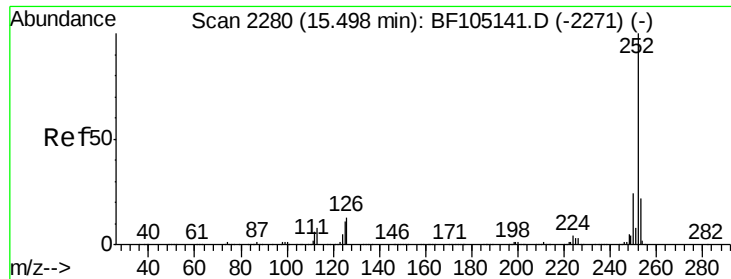
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 9.7 10.2 15.2#





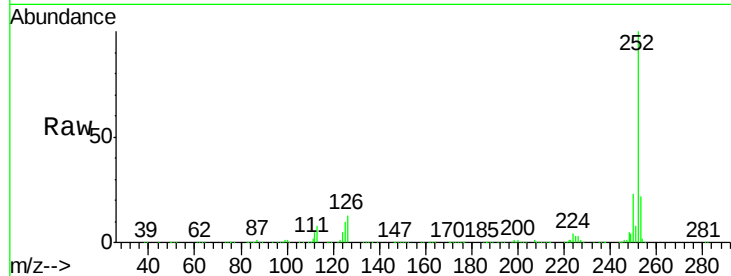
#89
Benzo(a)pyrene
Concen: 36.947 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

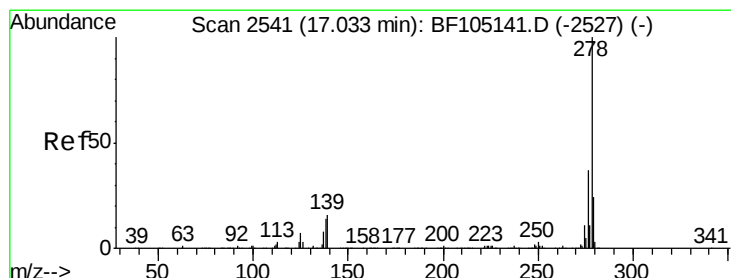
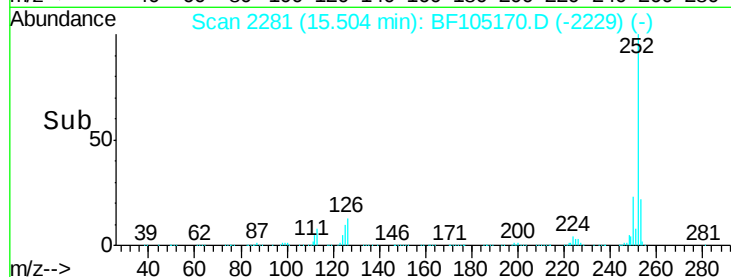
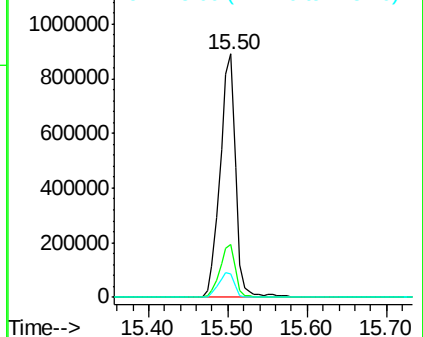
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.7	9.8	14.6

Manual Integrations
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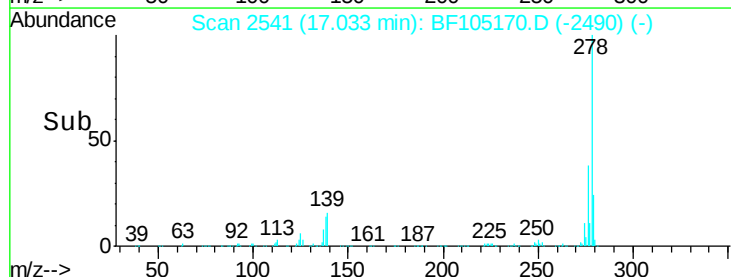
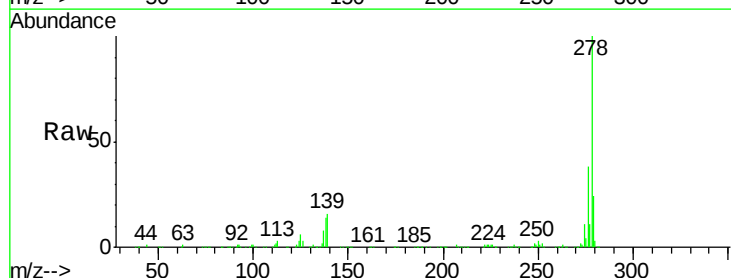
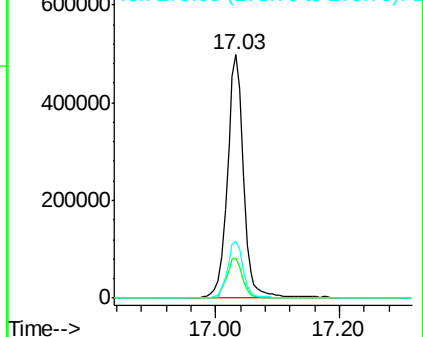
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

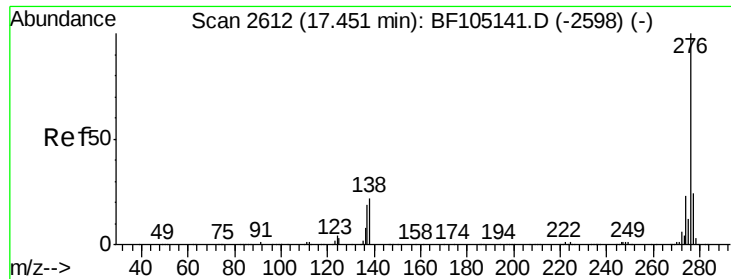


#90
Dibenzo(a,h)anthracene
Concen: 36.038 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF105170.D
Acq: 9 May 2018 2:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	23.5	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.964 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BF105170.D
 Acq: 9 May 2018 2:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	21.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:36 PM

