

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
 Data File : BF111586.D
 Acq On : 18 Dec 2018 20:13
 Operator : JU/SJ
 Sample : PB115777BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BSD

Manual Integrations
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Sohil
 12/19/2018 4:09:33 PM

Quant Time: Dec 19 01:16:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114079	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	471801	20.00	ng	-0.02
39) Acenaphthene-d10	9.82	164	245043	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	460301	20.00	ng	-0.02
76) Chrysene-d12	13.94	240	331400	20.00	ng	-0.01
87) Perylene-d12	15.37	264	245290	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	513734	74.94	ng	-0.01
7) Phenol-d6	6.42	99	589468	64.64	ng	-0.02
23) Nitrobenzene-d5	7.34	82	536413	67.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	154276	70.28	ng	-0.02
45) 2-Fluorobiphenyl	9.14	172	1135249	71.56	ng	-0.02
79) Terphenyl-d14	12.89	244	1081794	76.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	86711	26.189	ng	# 93
3) Pyridine	3.26	79	212234	25.522	ng	88
4) n-Nitrosodimethylamine	3.20	42	124470	32.953	ng	82
6) Aniline	6.44	93	109788	9.706	ng	# 1
8) 2-Chlorophenol	6.56	128	242929	29.657	ng	97
9) Benzaldehyde	6.32	77	63730	11.522	ng	97
10) Phenol	6.43	94	280762	27.639	ng	88
11) bis(2-Chloroethyl)ether	6.51	93	215988	27.123	ng	97
12) 1,3-Dichlorobenzene	6.72	146	251095	27.848	ng	99
13) 1,4-Dichlorobenzene	6.79	146	266729	29.144	ng	98
14) 1,2-Dichlorobenzene	6.95	146	246816	28.666	ng	99
15) Benzyl Alcohol	6.92	79	202187	29.140	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	445298	28.640	ng	89
17) 2-Methylphenol	7.04	107	193016	29.279	ng	# 90
18) Hexachloroethane	7.29	117	97579	28.649	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	171655	28.532	ng	# 86
20) 3+4-Methylphenols	7.19	107	251221	30.380	ng	# 75
22) Acetophenone	7.18	105	343946	32.657	ng	# 89
24) Nitrobenzene	7.36	77	244694	30.275	ng	97
25) Isophorone	7.60	82	471971	35.207	ng	99
26) 2-Nitrophenol	7.67	139	126062	30.076	ng	97
27) 2,4-Dimethylphenol	7.72	122	214615	35.319	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	289287	31.259	ng	100
29) 2,4-Dichlorophenol	7.92	162	207624	32.008	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	207089	30.497	ng	98
31) Naphthalene	8.08	128	751522	34.056	ng	96
32) Benzoic acid	7.85	122	124048m	23.624	ng	
33) 4-Chloroaniline	8.13	127	61187	6.236	ng	97
34) Hexachlorobutadiene	8.20	225	119753	32.010	ng	96
35) Caprolactam	8.49	113	71602m	29.731	ng	
36) 4-Chloro-3-methylphenol	8.63	107	234994	32.912	ng	98
37) 2-Methylnaphthalene	8.77	142	515478	34.521	ng	98
38) 1-Methylnaphthalene	8.87	142	502460	34.830	ng	96
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	200295	29.805	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	131465	38.104	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	138652	29.152	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	153041	30.238	nq	94
46) 1,1'-Biphenyl	9.24	154	623084	30.009	nq	91
47) 2-Chloronaphthalene	9.26	162	481821	30.529	nq	96
48) 2-Nitroaniline	9.36	65	150097	29.291	nq	96
49) Acenaphthylene	9.67	152	794466	33.913	nq	95
50) Dimethylphthalate	9.54	163	587330	33.281	nq	97
51) 2,6-Dinitrotoluene	9.60	165	126884	31.942	nq #	88
52) Acenaphthene	9.85	154	447292	30.209	nq	98
53) 3-Nitroaniline	9.77	138	54484	11.292	nq #	94
54) 2,4-Dinitrophenol	9.87	184	67508	44.670	nq	88
55) Dibenzofuran	10.02	168	706210	32.859	nq	99
56) 4-Nitrophenol	9.95	139	143214	42.891	nq	97
57) 2,4-Dinitrotoluene	10.00	165	175326	33.628	nq	98
58) Fluorene	10.36	166	569144	36.509	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	127859	32.334	nq	99
60) Diethylphthalate	10.24	149	600961	33.618	nq	97
61) 4-Chlorophenyl-phenylether	10.36	204	248934	32.639	nq	99
62) 4-Nitroaniline	10.38	138	125957	26.371	nq	95
63) Azobenzene	10.52	77	566063	32.120	nq	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	61317	23.596	nq	90
66) n-Nitrosodiphenylamine	10.47	169	499301	31.455	nq	97
67) 4-Bromophenyl-phenylether	10.84	248	150037	30.243	nq	99
68) Hexachlorobenzene	10.92	284	159673	31.289	nq	97
69) Atrazine	11.00	200	160475	34.982	nq	95
70) Pentachlorophenol	11.11	266	147530	47.133	nq	93
71) Phenanthrene	11.32	178	794433	33.494	nq	94
72) Anthracene	11.37	178	866727	35.732	nq	94
73) Carbazole	11.53	167	775976	30.936	nq	96
74) Di-n-butylphthalate	11.86	149	991898	35.507	nq	96
75) Fluoranthene	12.51	202	836281	36.041	nq	95
77) Benzidine	12.63	184	201709	16.558	nq	97
78) Pyrene	12.74	202	811658	34.738	nq	96
80) Butylbenzylphthalate	13.36	149	414277	36.376	nq	92
81) Benzo(a)anthracene	13.93	228	589991	32.742	nq	98
82) 3,3'-Dichlorobenzidine	13.89	252	105921	14.459	nq	99
83) Chrysene	13.96	228	651802	34.337	nq	96
84) Bis(2-ethylhexyl)phthalate	13.92	149	570789	39.239	nq	98
85) Di-n-octyl phthalate	14.53	149	916791	37.365	nq	99
86) Indeno(1,2,3-cd)pyrene	16.79	276	450181	32.859	nq #	89
88) Benzo(b)fluoranthene	14.96	252	480853	33.624	nq	98
89) Benzo(k)fluoranthene	14.99	252	492716m	36.058	nq	
90) Benzo(a)pyrene	15.31	252	451328	34.998	nq #	96
91) Dibenzo(a,h)anthracene	16.80	278	374360	36.800	nq #	92
92) Benzo(g,h,i)perylene	17.20	276	374964	37.551	nq #	92

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

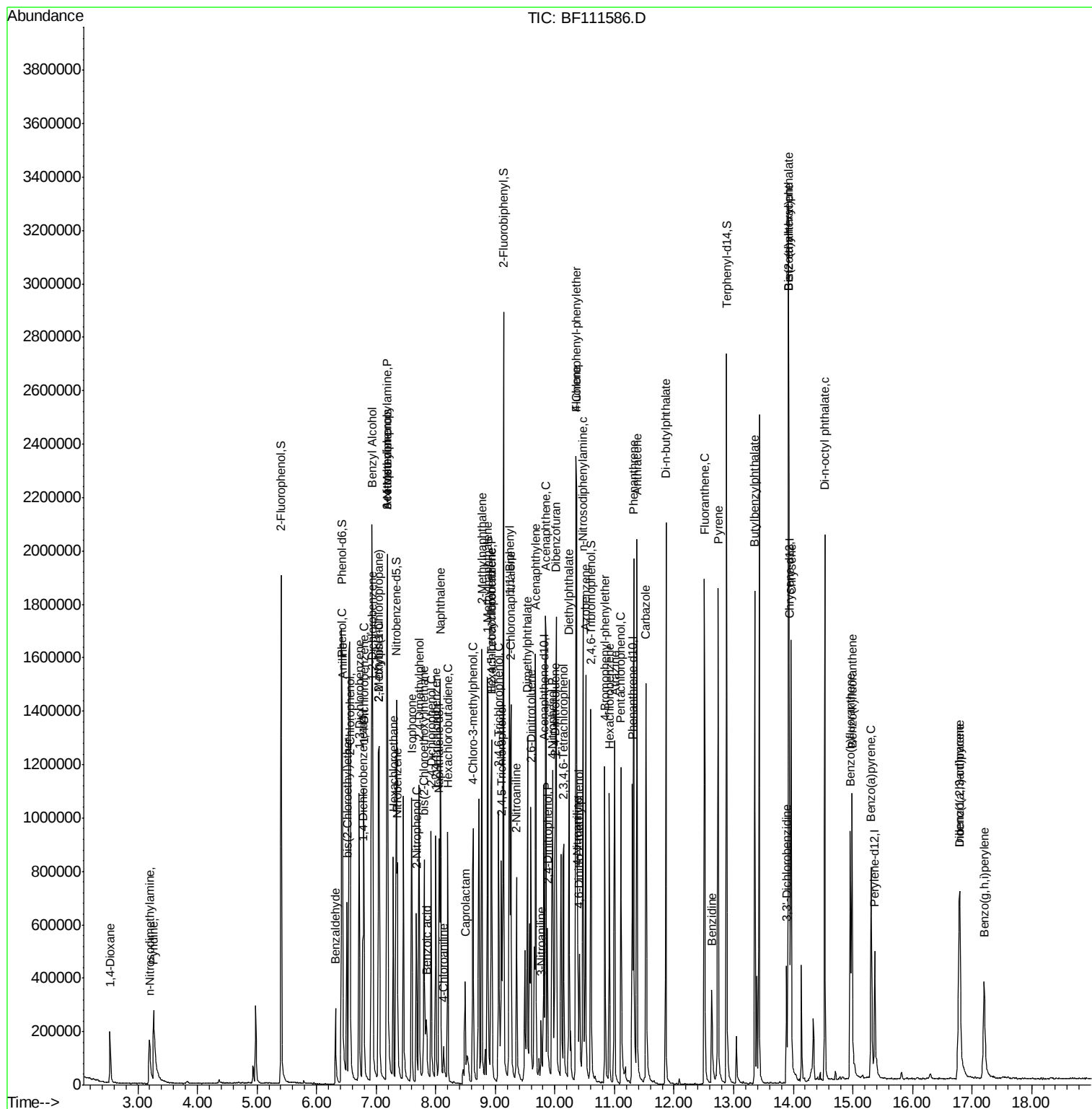
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121818\
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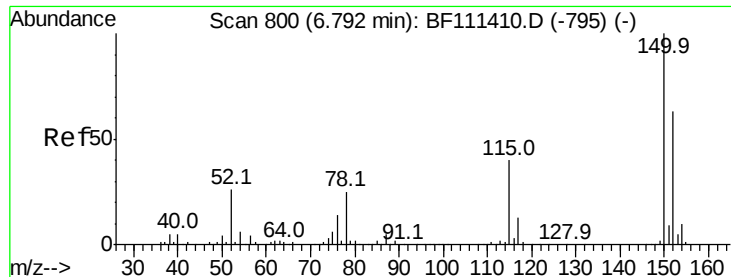
Instrument :
 BNA_F
 ClientSampleID :
 PB115777BSD

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#1

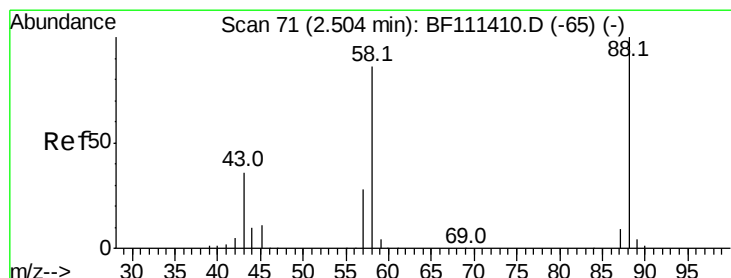
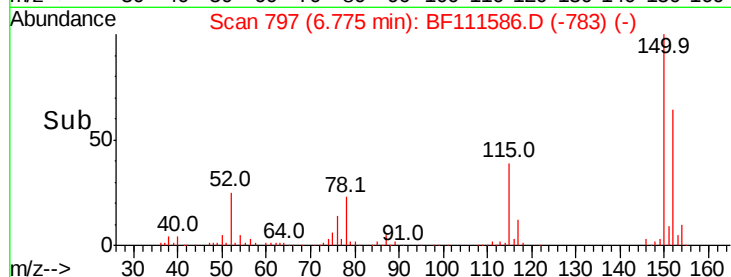
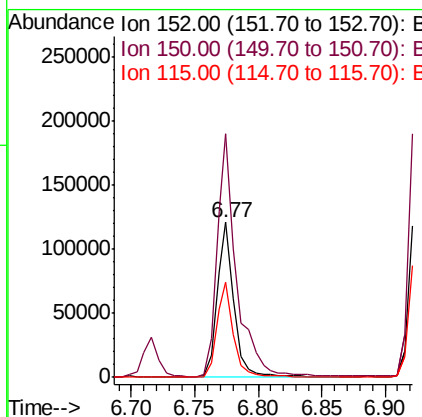
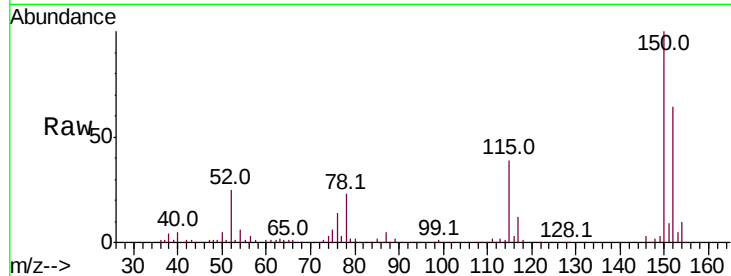
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.6	189.8
115	61.5	50.7	76.1

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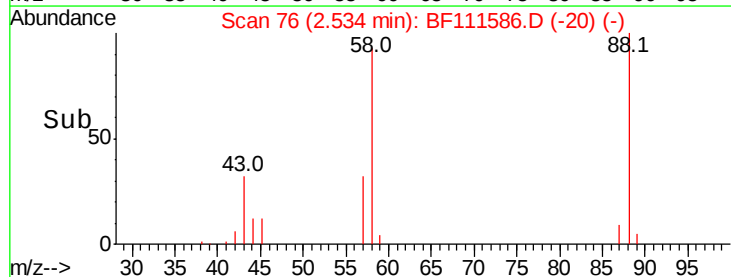
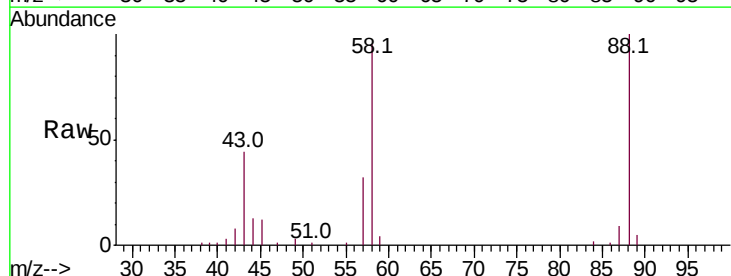
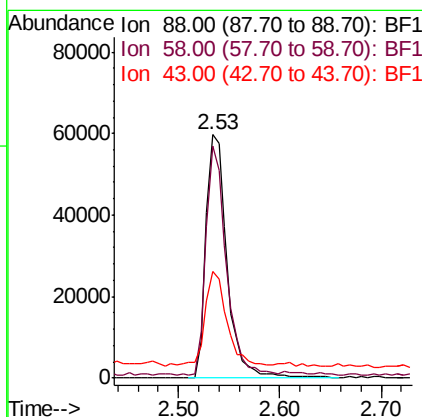
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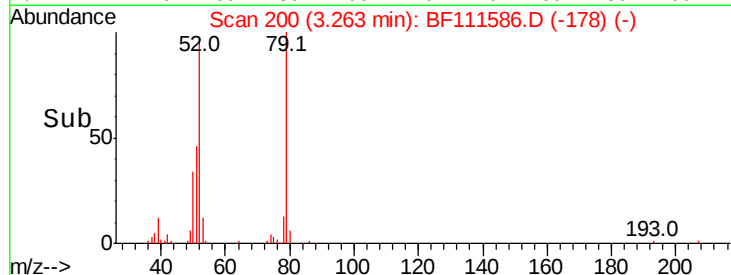
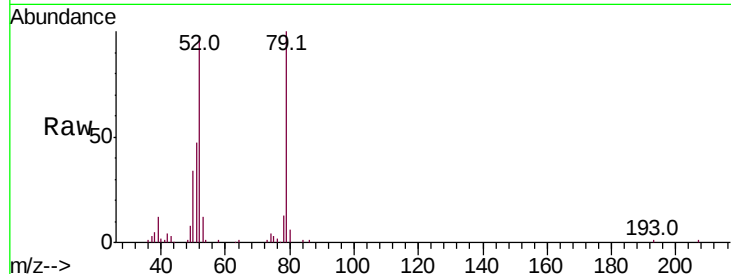
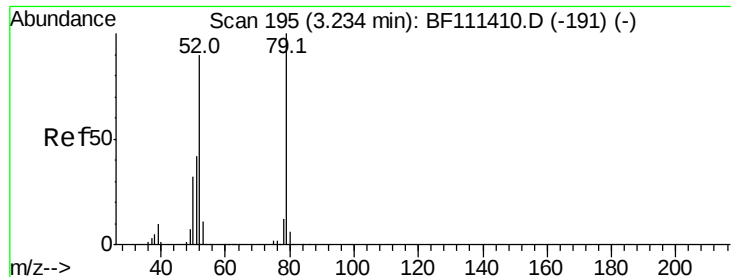


#2

1,4-Dioxane
Concen: 26.189 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.03 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.8	68.9	103.3
43	39.3	25.8	38.6





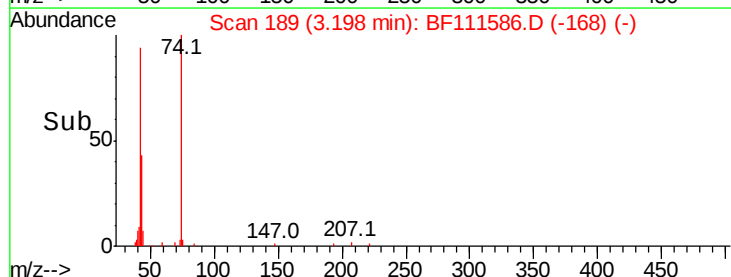
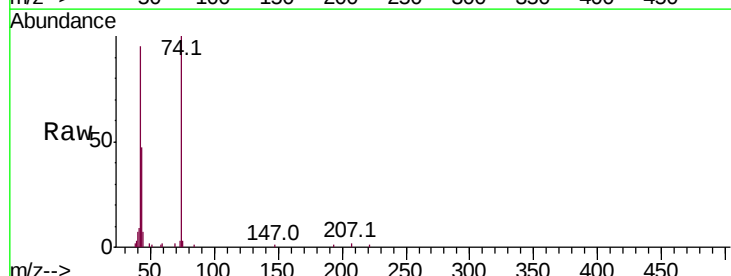
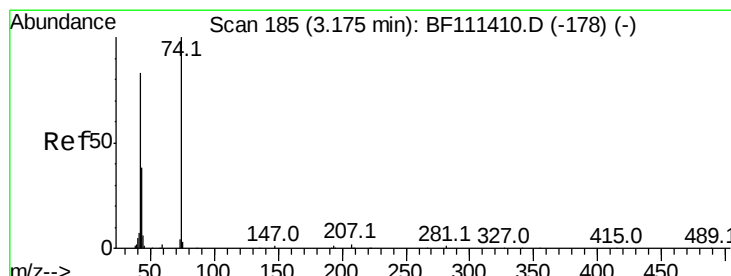
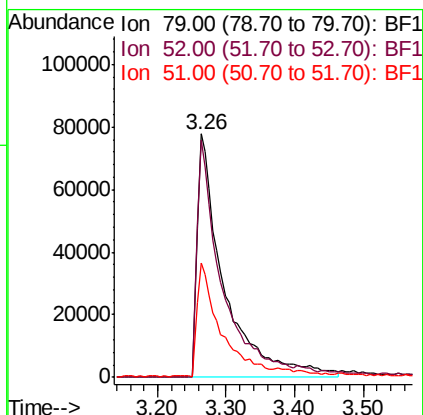
#3
Pvridine
Concen: 25.522 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.03 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	97.3	68.3	102.5
51	46.8	32.6	49.0

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

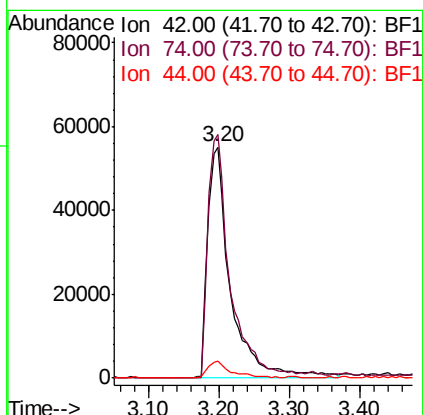
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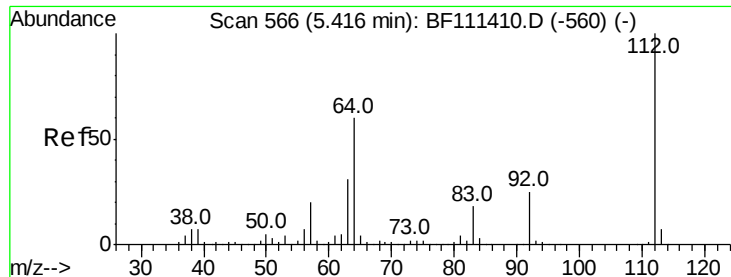
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#4
n-Nitrosodimethylamine
Concen: 32.953 ng
RT: 3.20 min Scan# 189
Delta R.T. 0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.4	101.5	152.3
44	7.2	6.0	9.0





#5

2-Fluorophenol

Concen: 74.938 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

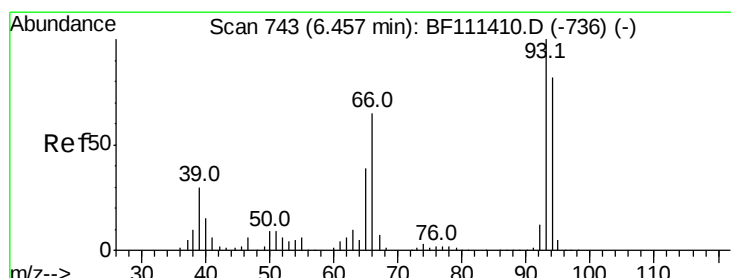
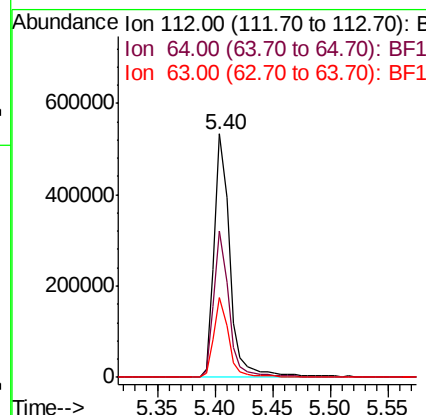
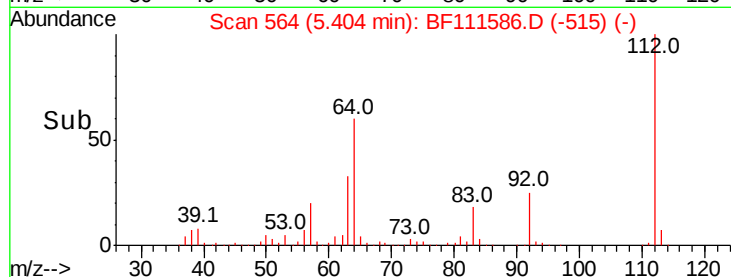
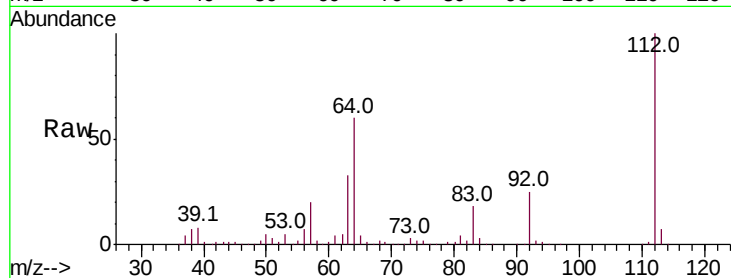
ClientSampleId :

PB115777BSD

Tot Ion:	112	Resp:	513734
Ion Ratio	Lower	Upper	
112	100		
64	60.3	51.8	77.6
63	32.7	26.8	40.2

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#6

Aniline

Concen: 9.706 ng

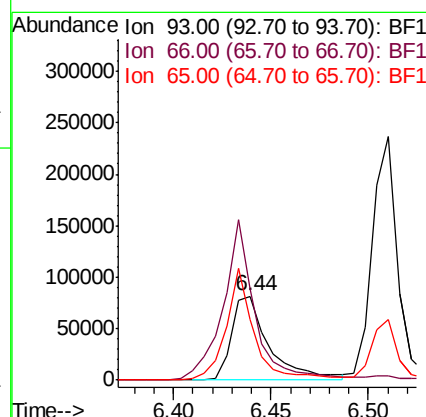
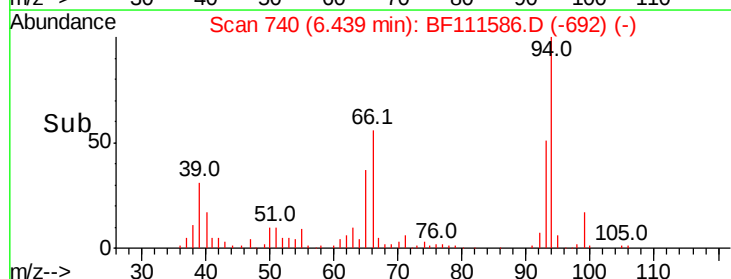
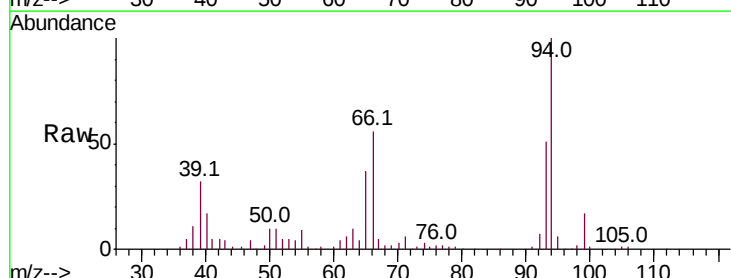
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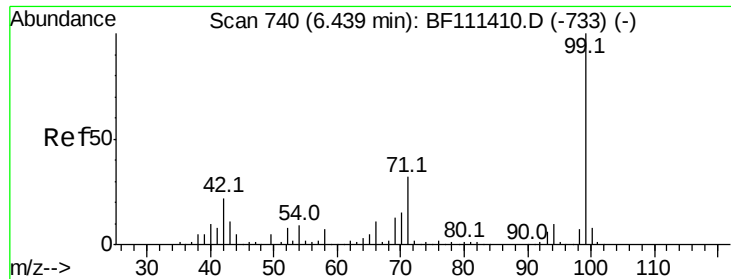
Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion:	93	Resp:	109788
Ion Ratio	Lower	Upper	
93	100		
66	109.0	33.2	49.8#
65	71.5	17.0	25.4#





#7

Phenol-d6

Concen: 64.642 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

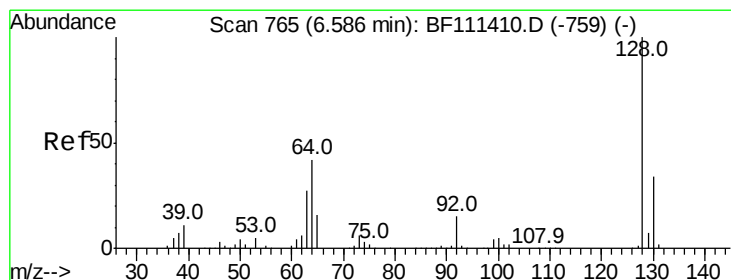
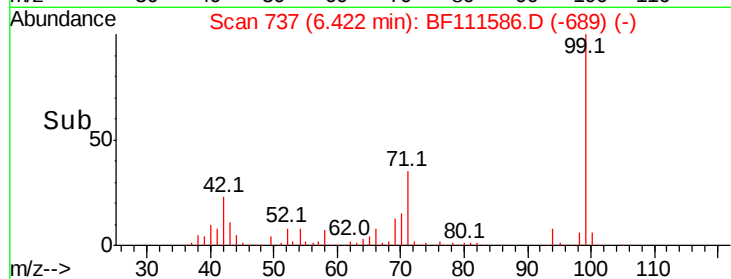
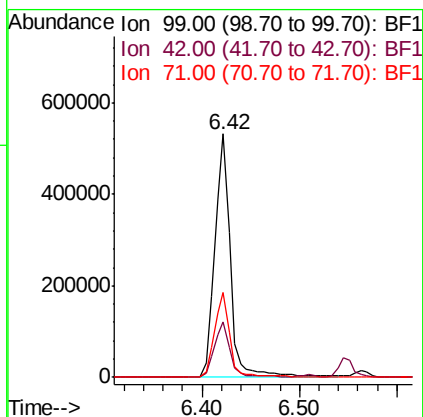
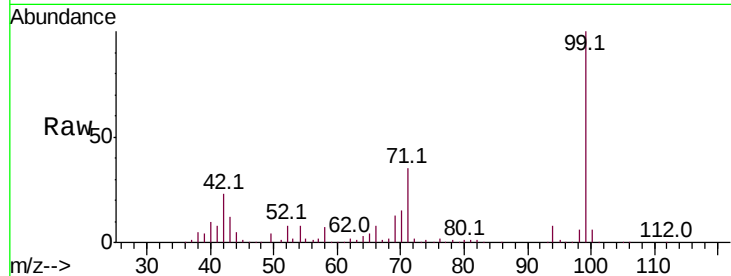
ClientSampleId :

PB115777BSD

Tot Ion:	99	Resp:	589468
Ion Ratio	Lower	Upper	
99	100		
42	22.8	17.4	26.0
71	35.0	26.1	39.1

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#8

2-Chlorophenol

Concen: 29.657 ng

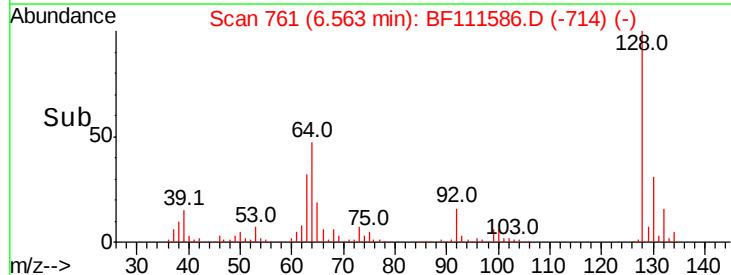
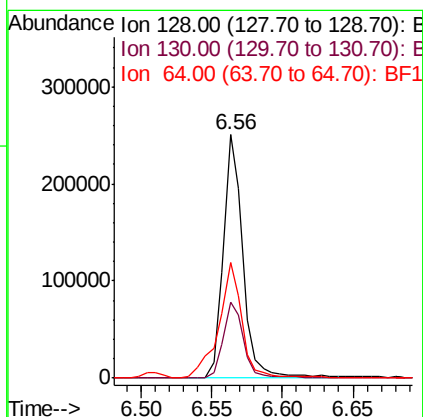
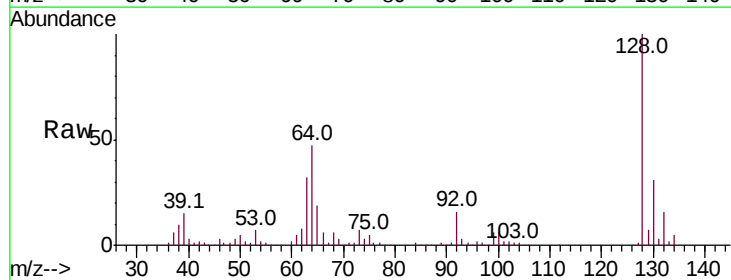
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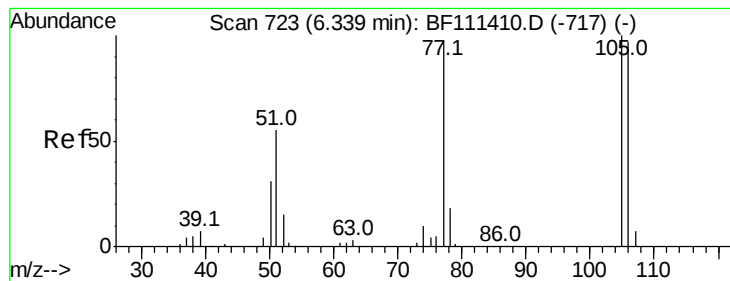
Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion:	128	Resp:	242929
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.7	52.7
64	47.3	30.0	70.0





#9

Benzaldehyde

Concen: 11.522 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

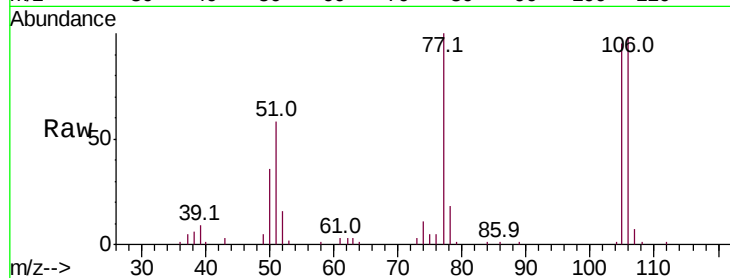
ClientSampleId :

PB115777BSD

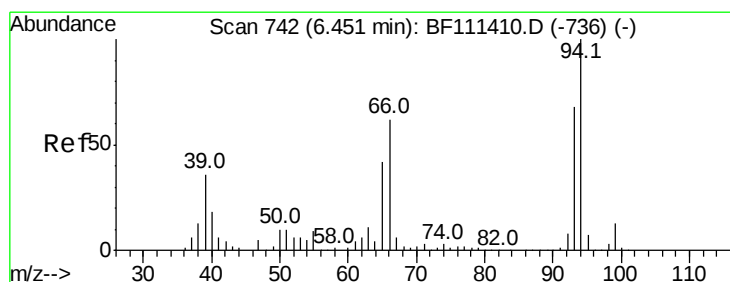
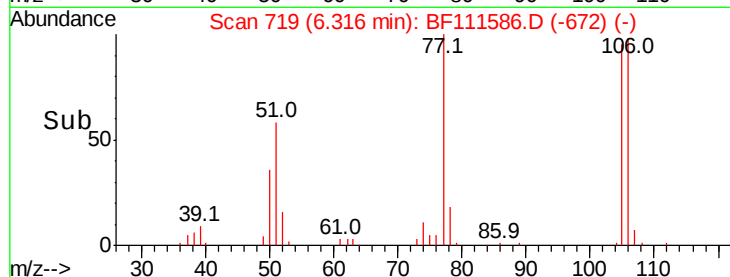
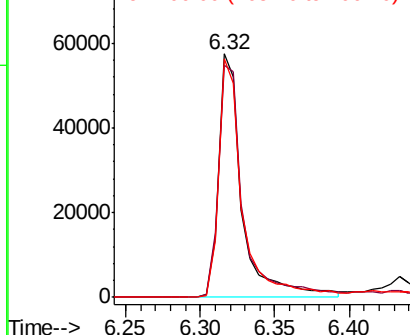
Tot Ion:	77	Resp:	63730
Ion	Ratio	Lower	Upper
77	100		
105	95.5	81.4	121.4
106	97.7	77.9	117.9

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 27.639 ng

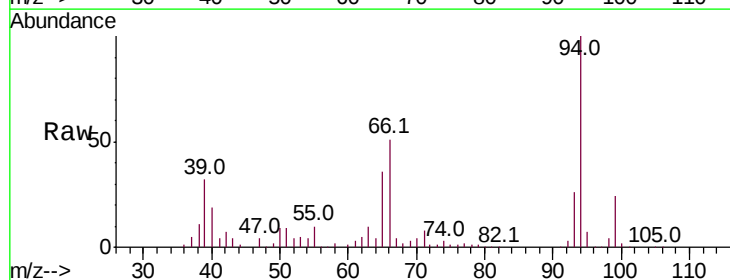
RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

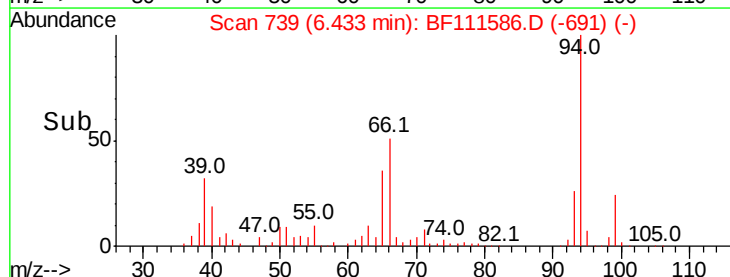
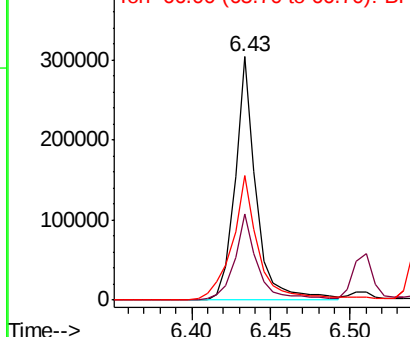
Lab File: BF111586.D

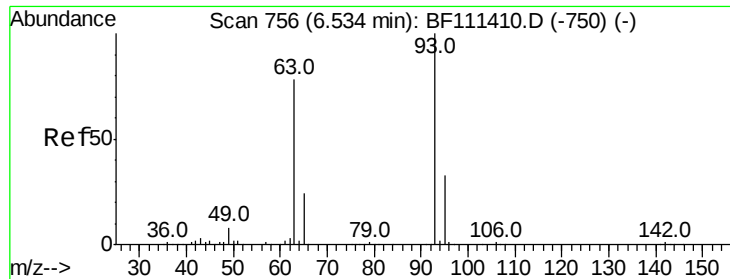
Acq: 18 Dec 2018 20:13

Tgt Ion:	94	Resp:	280762
Ion	Ratio	Lower	Upper
94	100		
65	35.5	11.7	51.7
66	51.4	21.0	61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





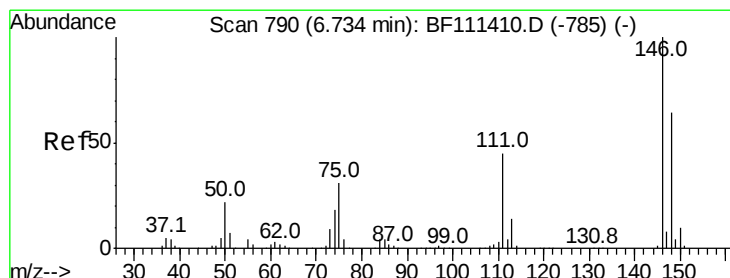
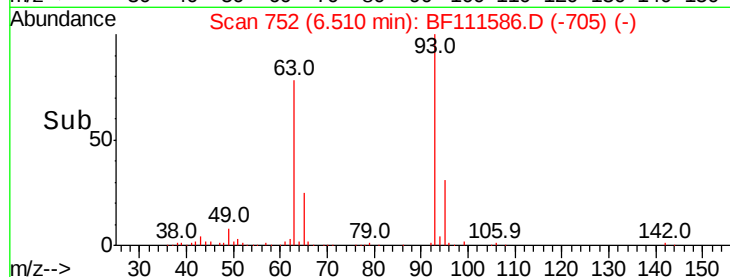
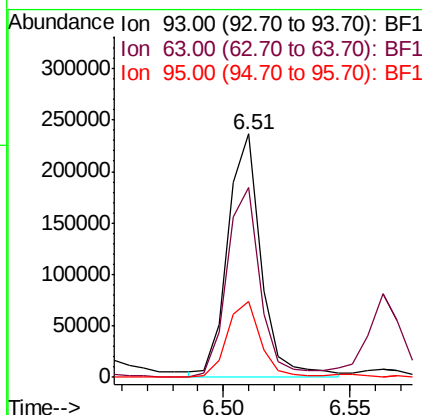
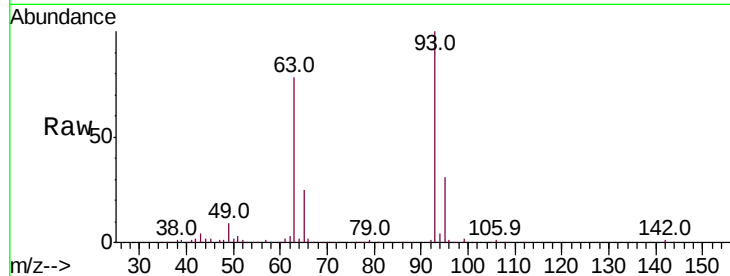
#11
bis(2-Chloroethyl)ether
Concen: 27.123 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.9	60.0	100.0
95	31.4	13.4	53.4

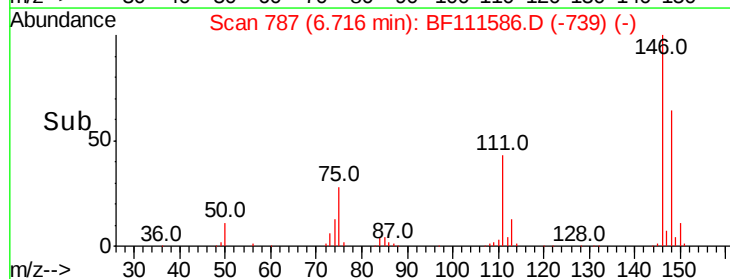
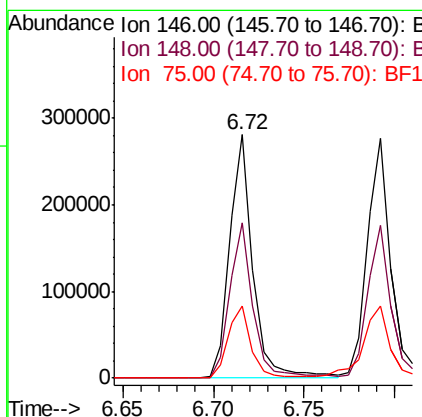
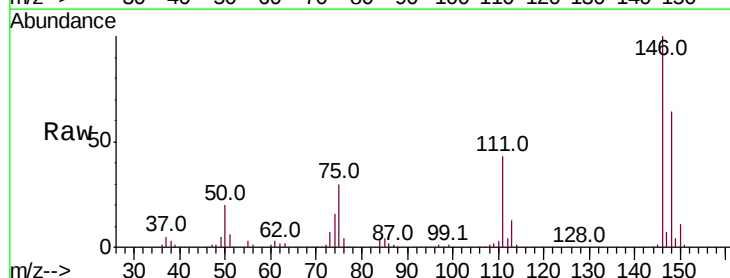
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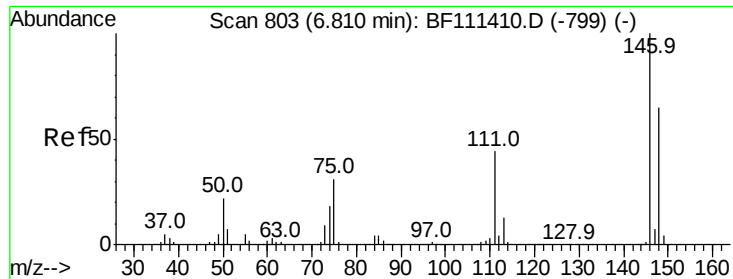
Sohil
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#12
1,3-Dichlorobenzene
Concen: 27.848 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.1	78.1
75	29.7	23.9	35.9





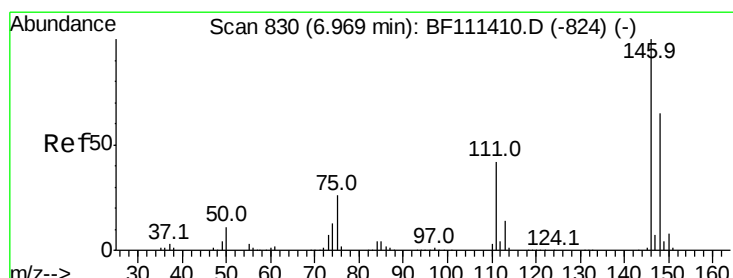
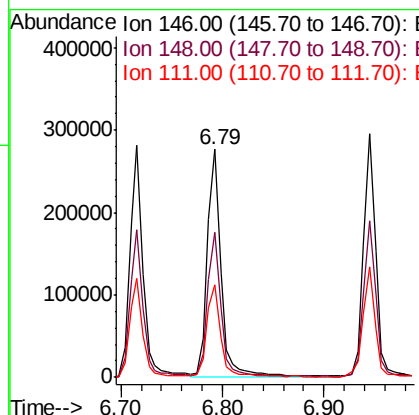
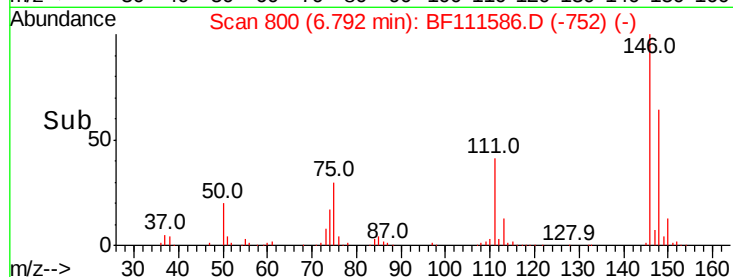
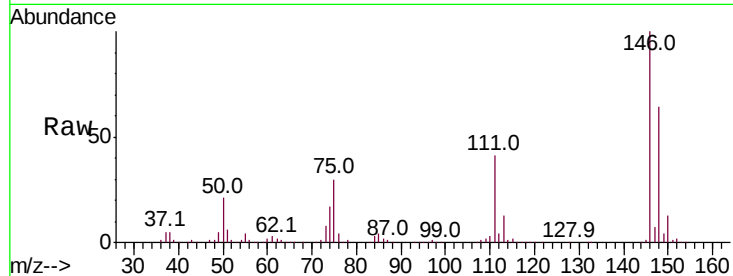
#13
 1,4-Dichlorobenzene
 Concen: 29.144 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.8	79.2
111	40.5	33.4	50.0

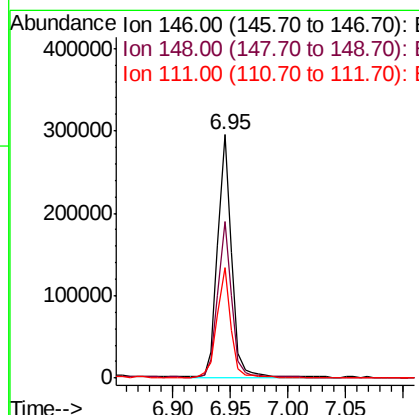
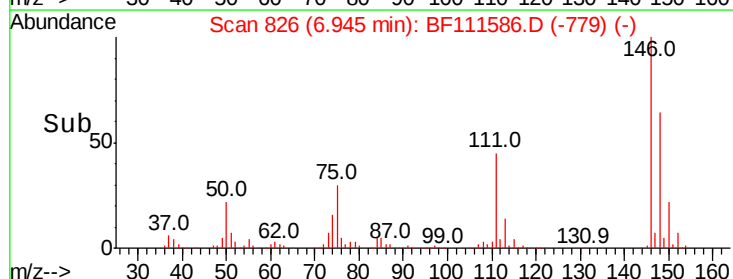
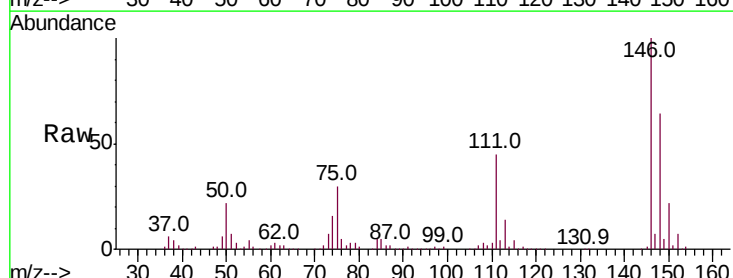
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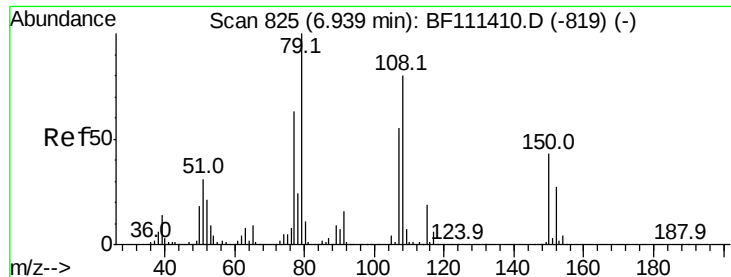
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 28.666 ng
 RT: 6.95 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	45.4	36.2	54.4





#15

Benzyl Alcohol

Concen: 29.140 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

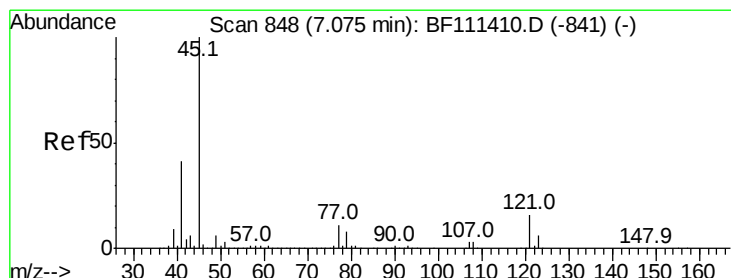
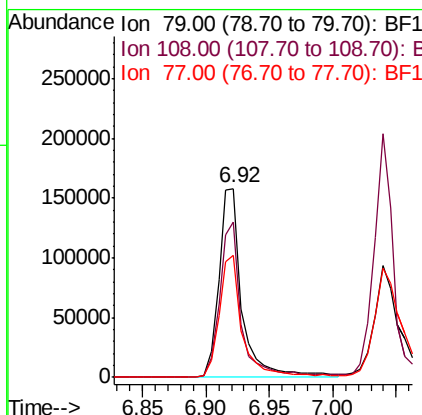
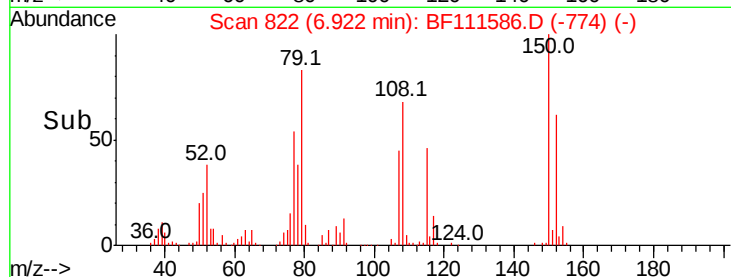
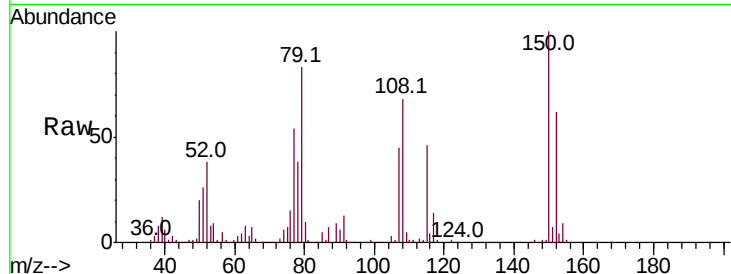
ClientSampleId :

PB115777BSD

Tot Ion:	79	Resp:	202187
Ion Ratio	Lower	Upper	
79	100		
108	82.3	69.4	104.2
77	64.7	49.7	74.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.640 ng

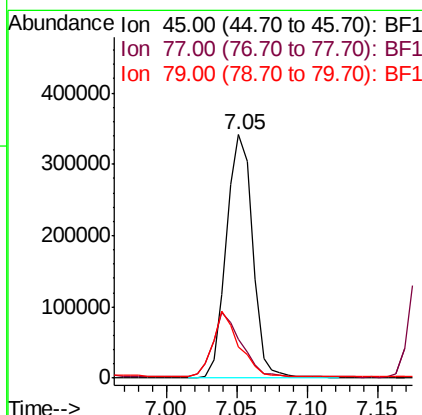
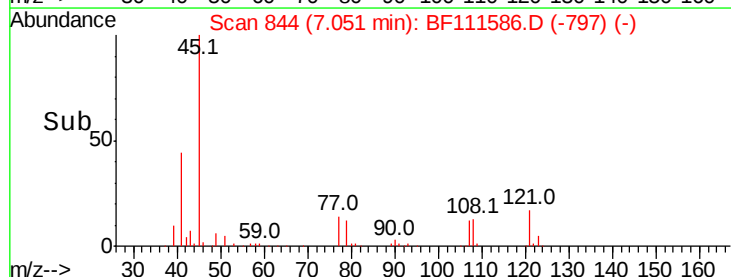
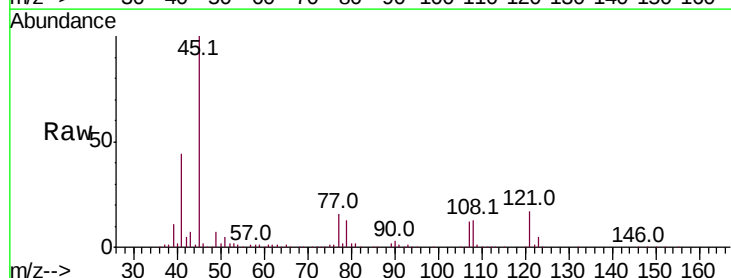
RT: 7.05 min Scan# 844

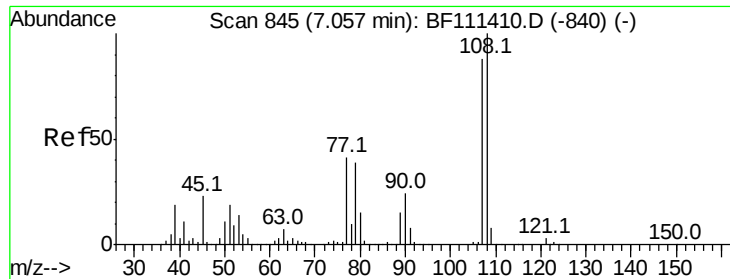
Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion:	45	Resp:	445298
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	31.5
79	12.9	0.0	28.9





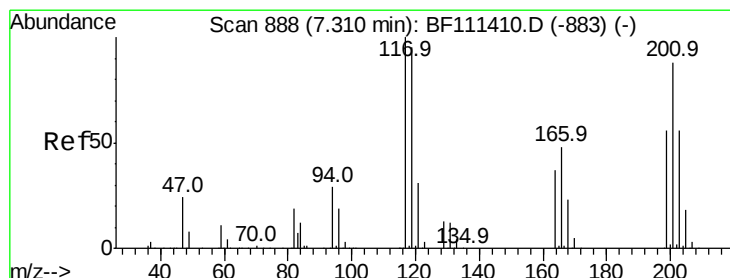
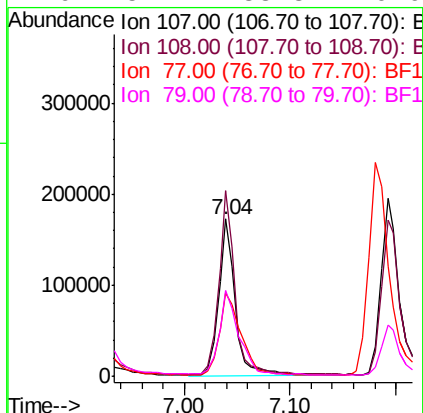
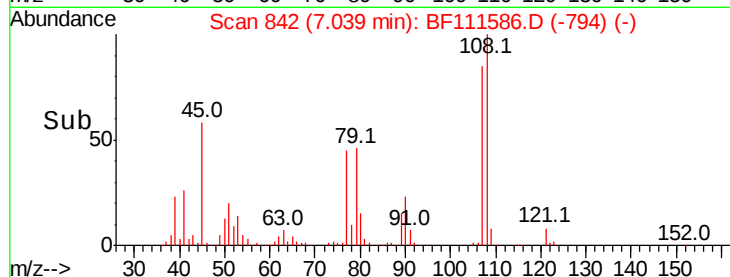
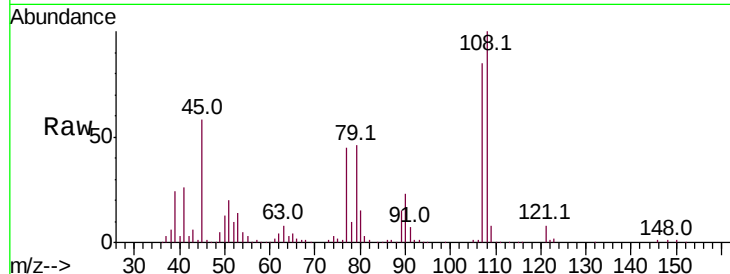
#17
2-Methylphenol
Concen: 29.279 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	193016		
108	117.9	91.0	136.4	
77	52.9	33.5	50.3	
79	54.2	33.3	49.9	

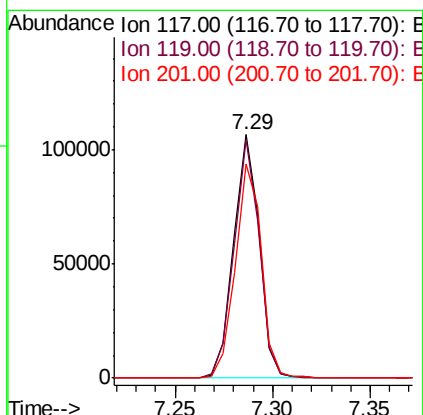
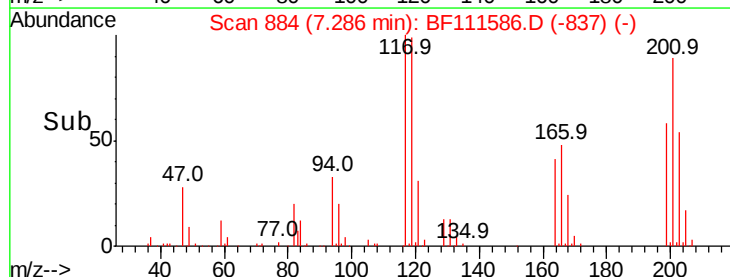
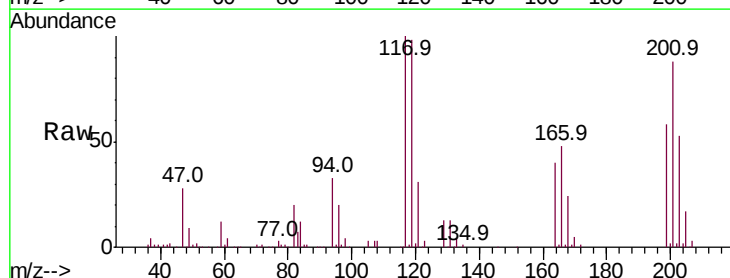
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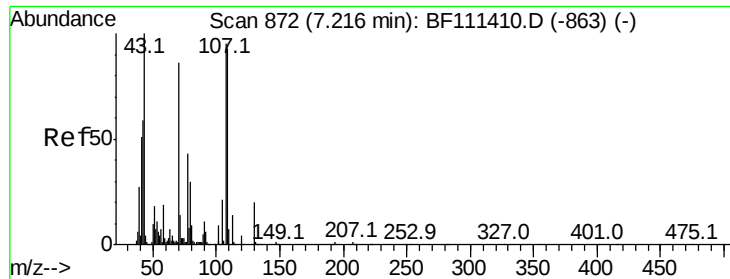
Sohil
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#18
Hexachloroethane
Concen: 28.649 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97579		
119	98.2	75.4	113.0	
201	88.2	62.4	93.6	





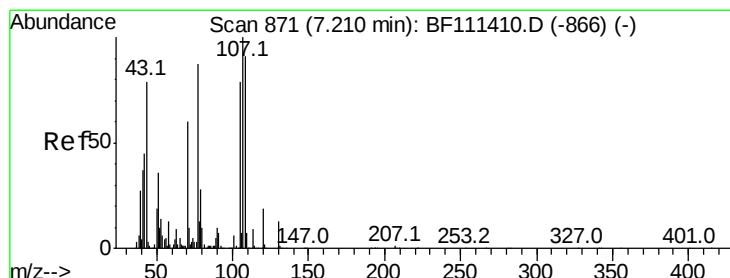
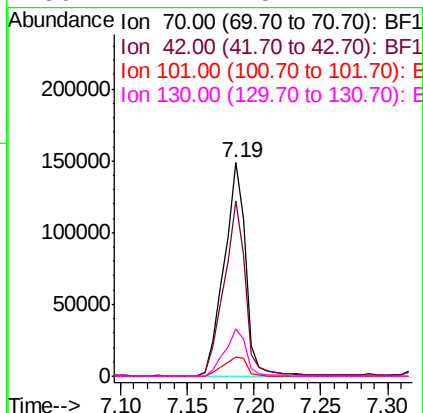
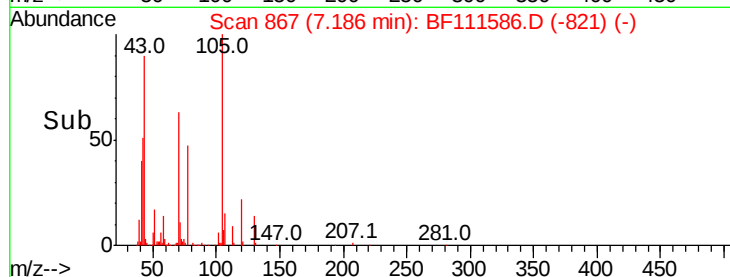
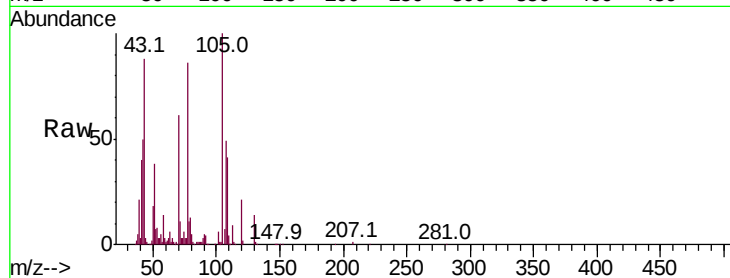
#19
n-Nitroso-di-n-propylamine
Concen: 28.532 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	82.4	53.2	79.8#
101	9.2	8.2	12.4
130	22.1	18.1	27.1

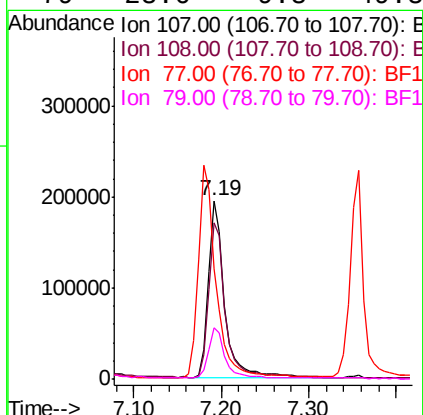
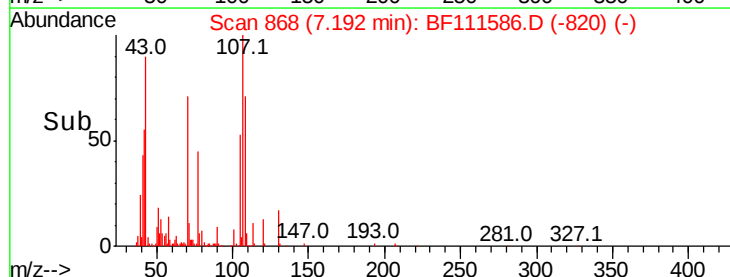
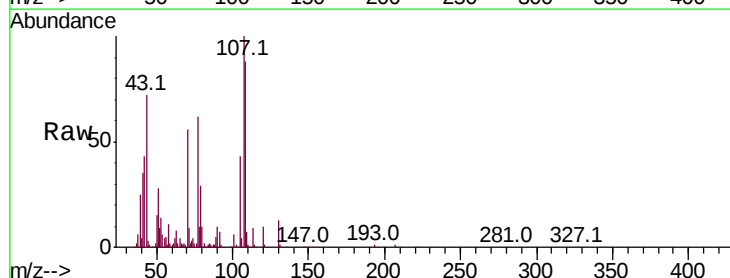
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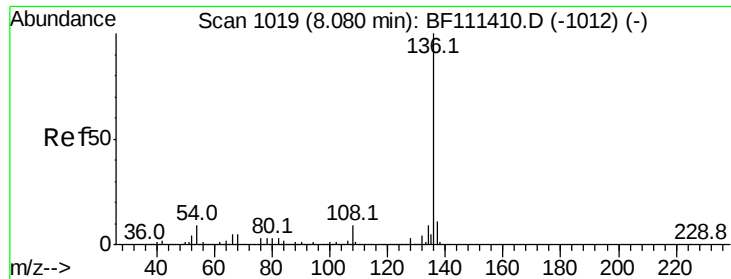
Sohil
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#20
3+4-Methylphenols
Concen: 30.380 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	72.1	112.1
77	61.8	94.1	134.1#
79	28.6	9.8	49.8





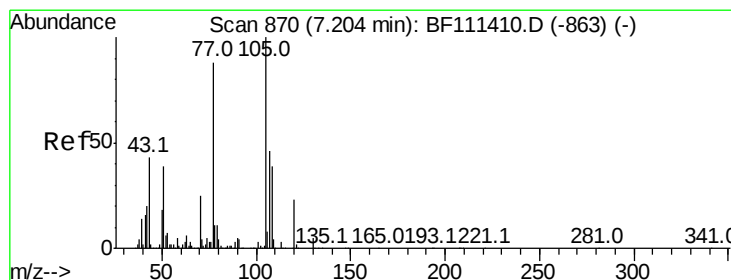
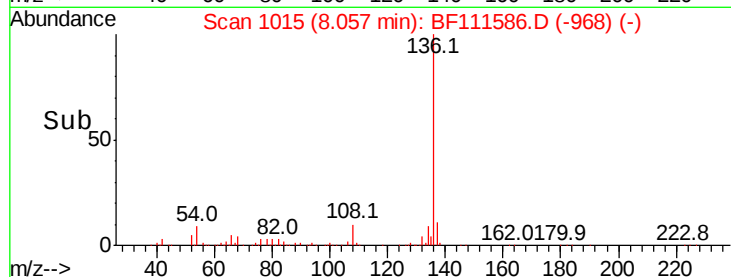
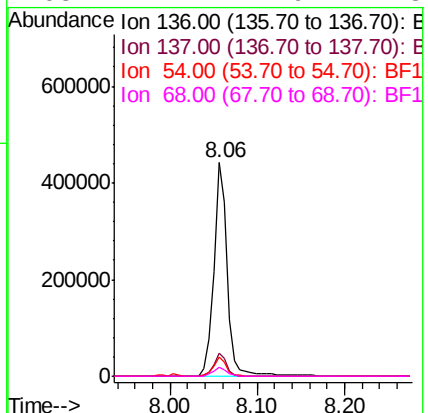
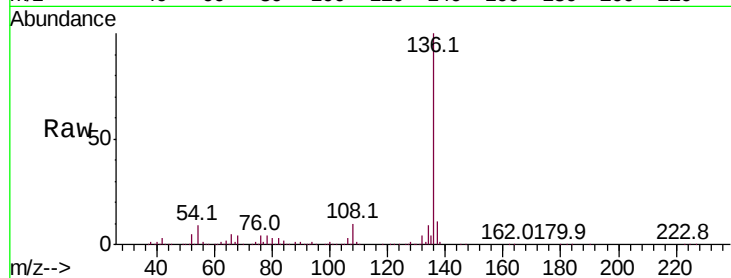
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.1	13.7	
54	9.0	7.7	11.5	
68	4.2	4.9	7.3#	

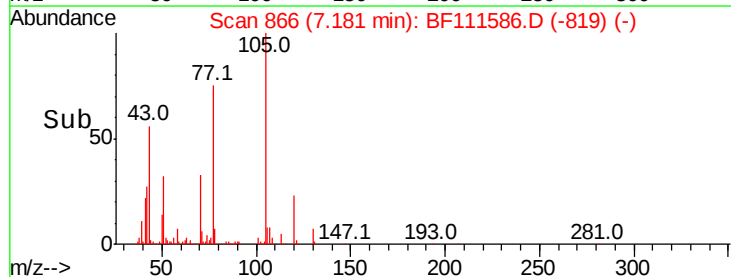
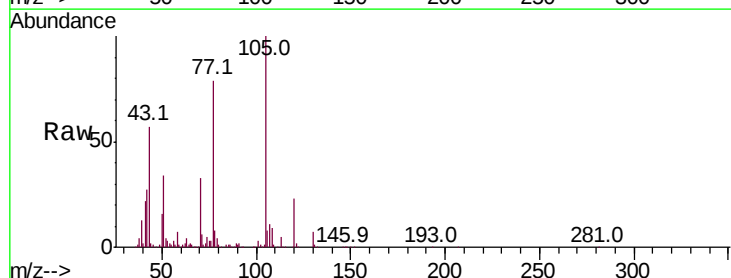
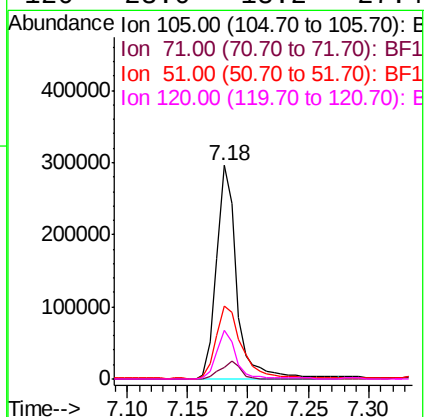
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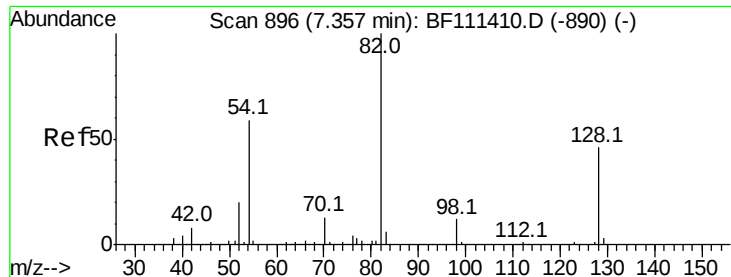
Sohil
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#22
Acetophenone
Concen: 32.657 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	3.1	4.7#	
51	34.4	36.6	54.8#	
120	23.0	18.2	27.4	





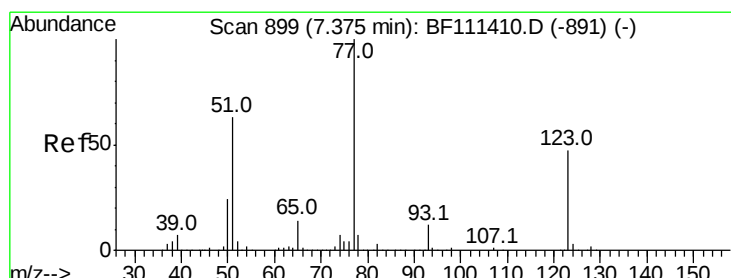
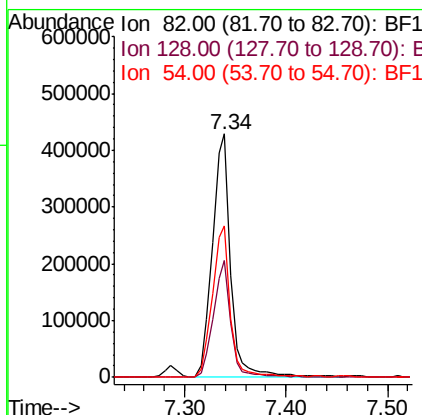
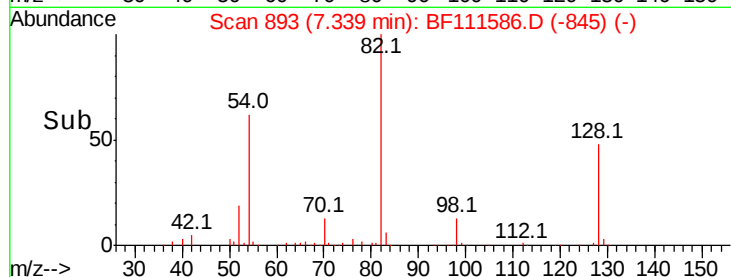
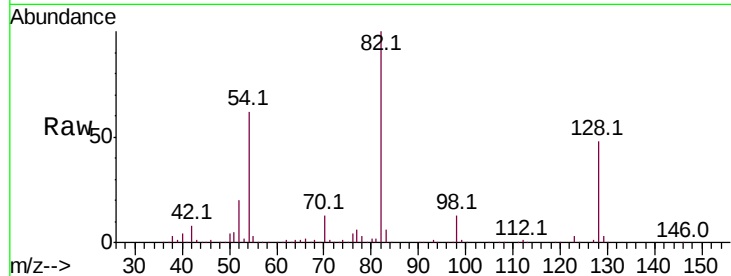
#23
 Nitrobenzene-d5
 Concen: 67.704 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BSD

Tot Ion:	82	Resp:	536413
Ion Ratio	Lower	Upper	
82	100		
128	48.2	37.4	56.2
54	62.1	47.6	71.4

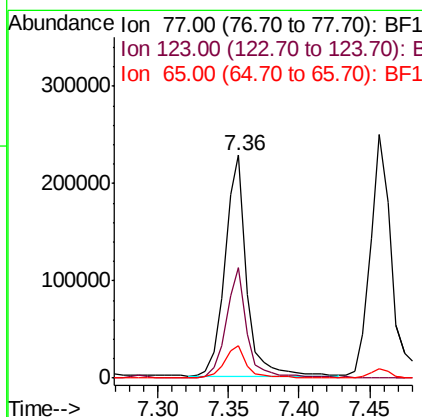
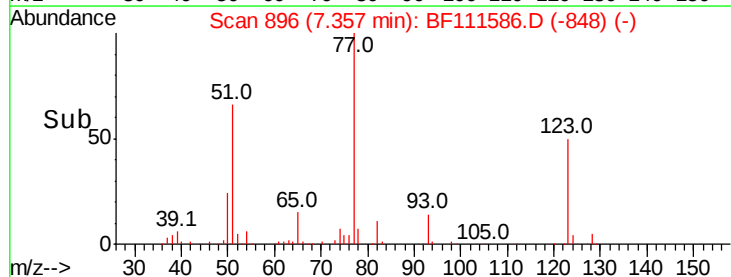
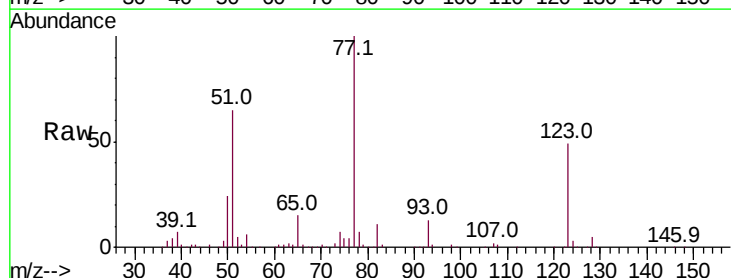
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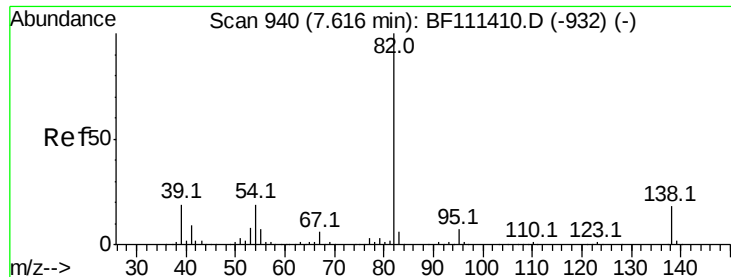
Sohil
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#24
 Nitrobenzene
 Concen: 30.275 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:	77	Resp:	244694
Ion Ratio	Lower	Upper	
77	100		
123	49.4	37.2	55.8
65	14.5	11.5	17.3





#25

Isophorone

Concen: 35.207 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

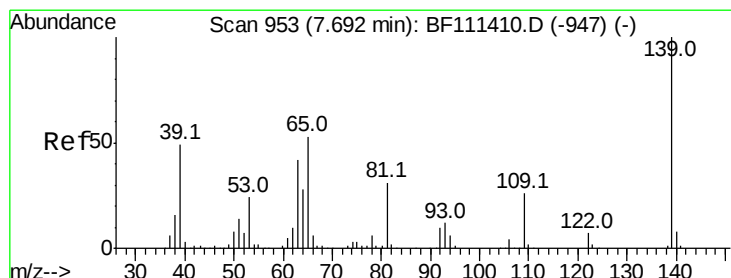
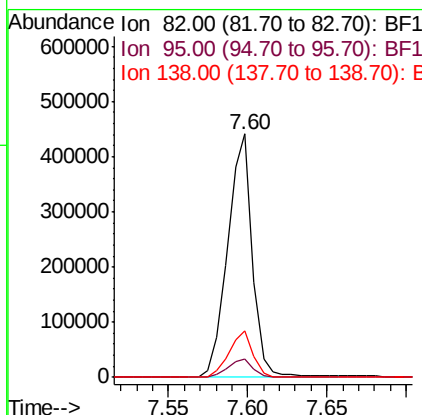
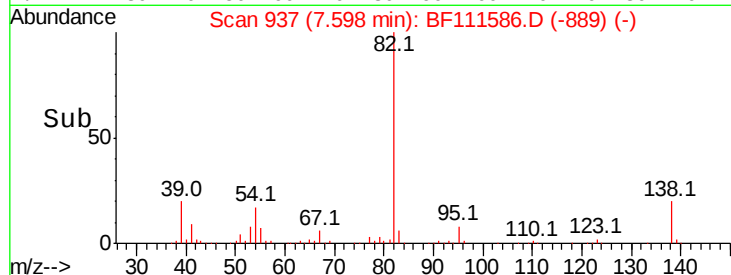
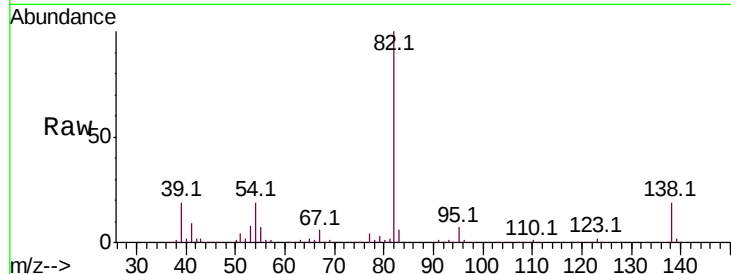
ClientSampleId :

PB115777BSD

Tot Ion:	82	Resp:	471971
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	19.0	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 30.076 ng

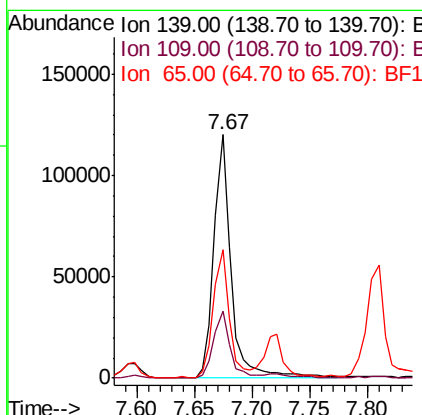
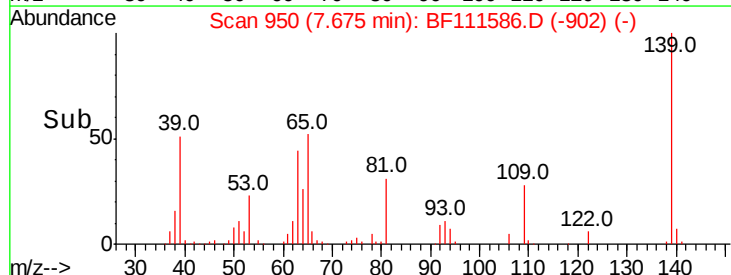
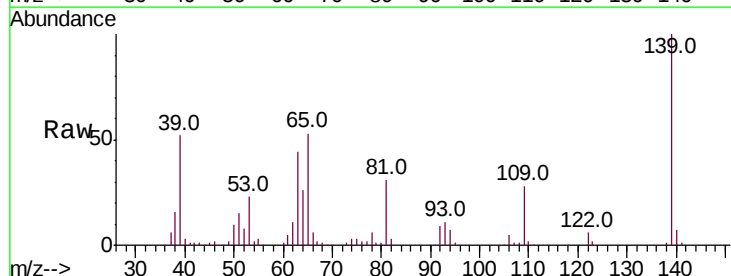
RT: 7.67 min Scan# 950

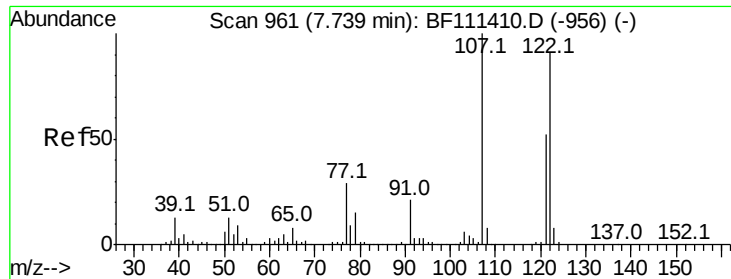
Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion:	139	Resp:	126062
Ion Ratio	Lower	Upper	
139	100		
109	27.6	20.2	30.4
65	52.9	40.7	61.1





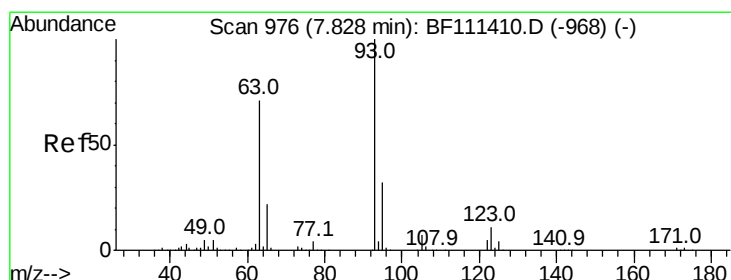
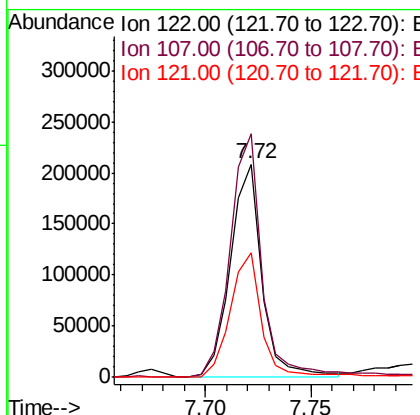
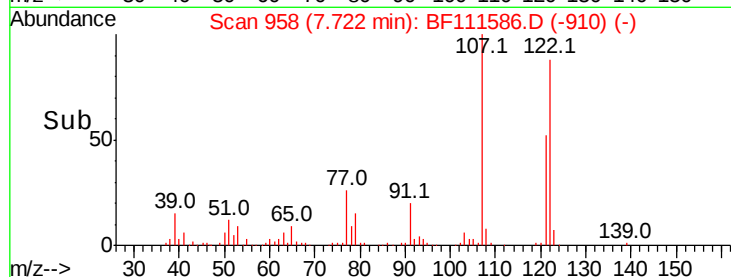
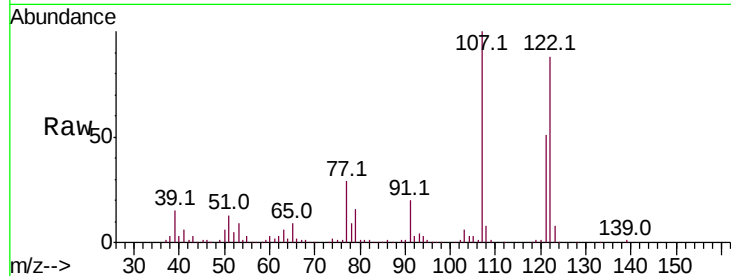
#27
2,4-Dimethylphenol
Concen: 35.319 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	85.5	128.3
121	58.7	46.6	70.0

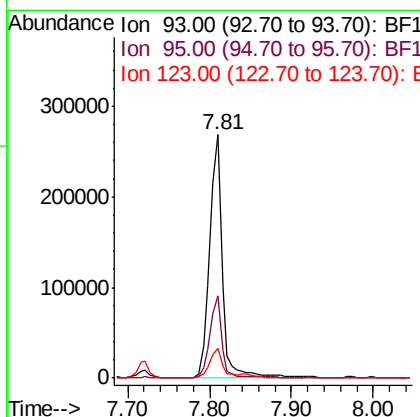
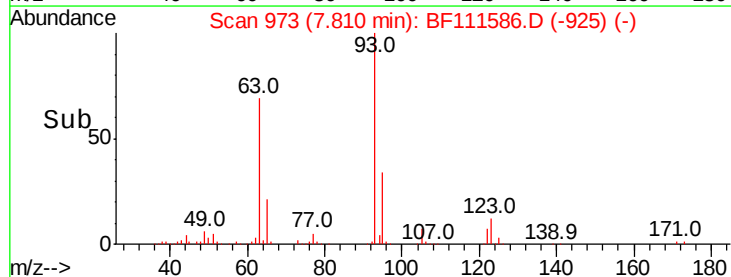
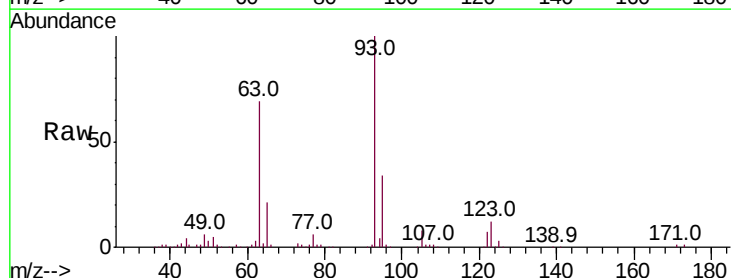
Manual Integrations
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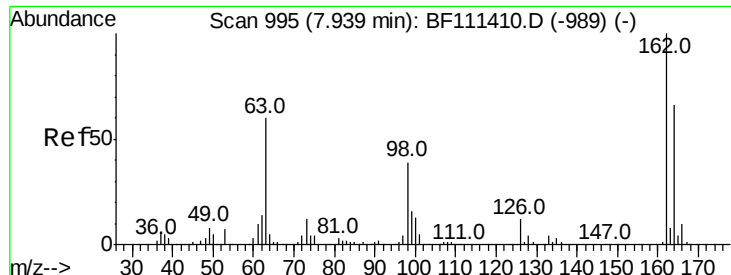
Sohil
12/19/2018 4:09:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 31.259 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.9	27.1	40.7
123	12.0	9.9	14.9





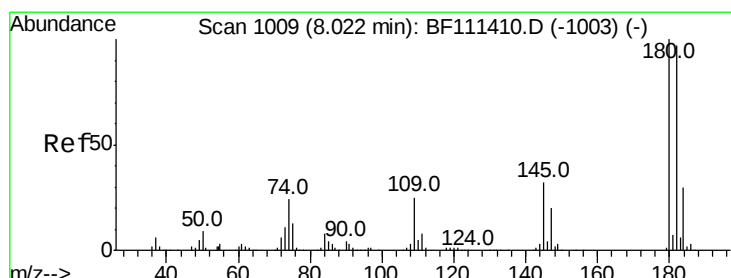
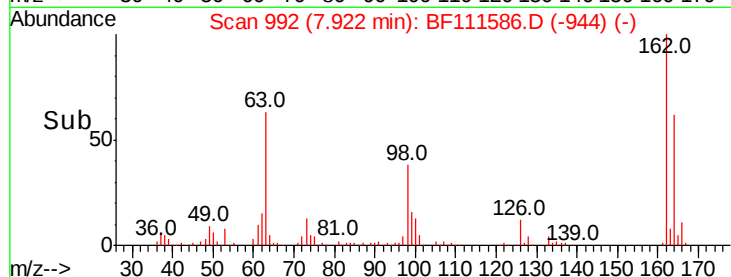
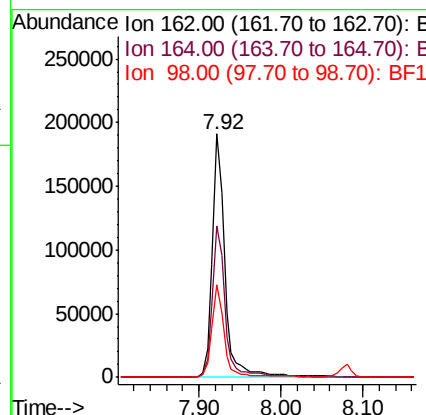
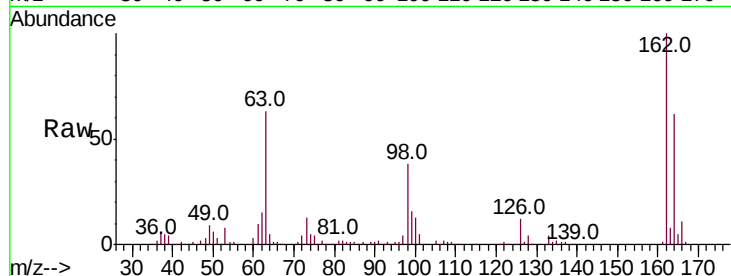
#29
2,4-Dichlorophenol
Concen: 32.008 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	207624		
164	62.2	44.4	84.4	
98	37.9	20.3	60.3	

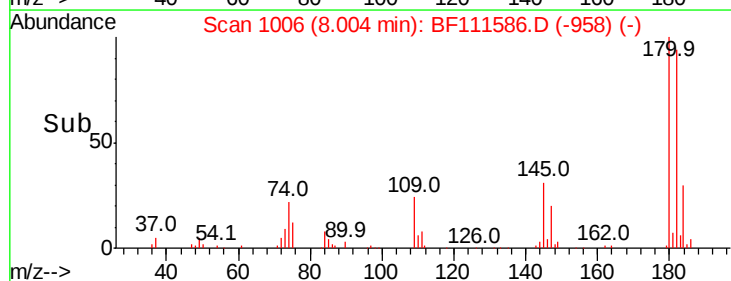
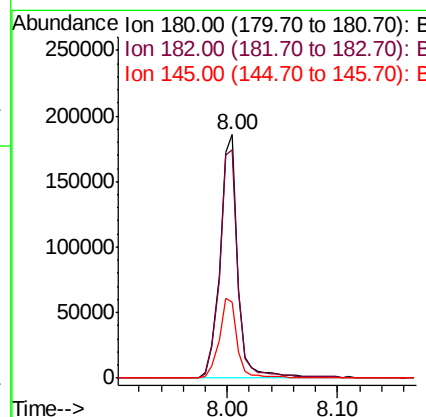
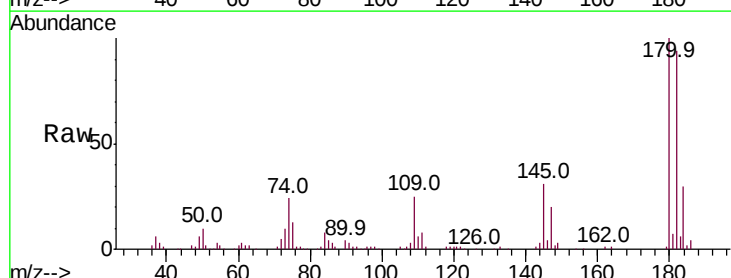
Manual Integrations
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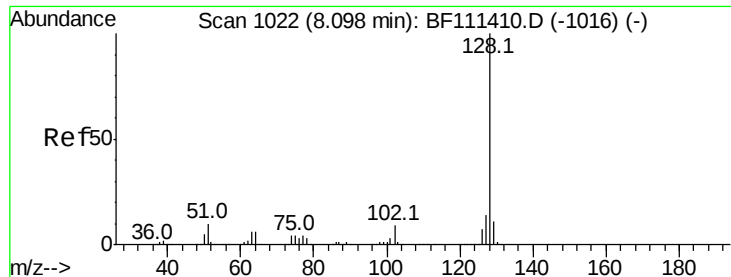
Sohil
12/19/2018 4:09:33 PM



#30
1,2,4-Trichlorobenzene
Concen: 30.497 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	207089		
182	93.7	75.6	113.4	
145	31.4	26.7	40.1	





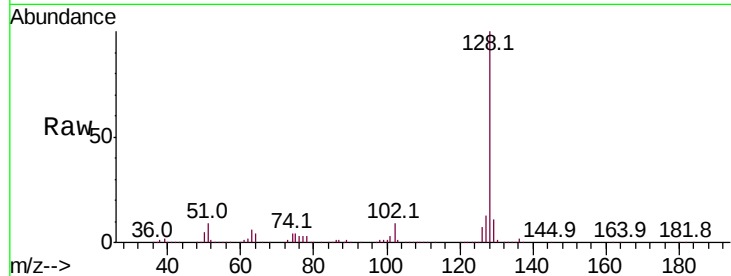
#31
Naphthalene
Concen: 34.056 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	751522		
129	11.0		9.8	14.8
127	12.8		12.0	18.0

Manual Integrations
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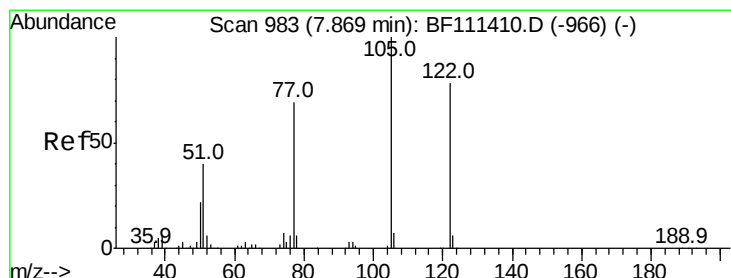
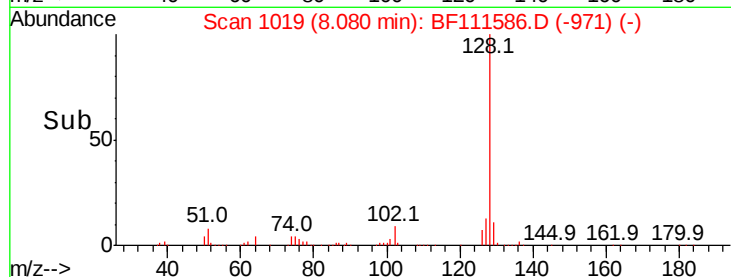
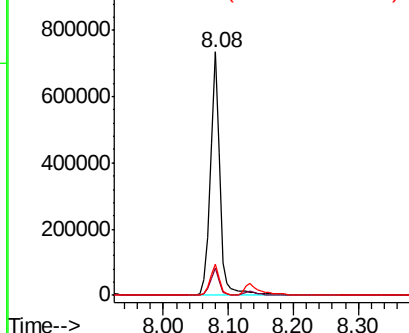


Abundance

Ion 128.00 (127.70 to 128.70): E

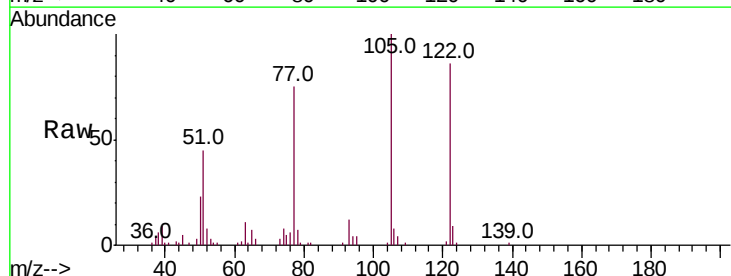
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.624 ng m
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	124048		
105	116.8		97.0	137.0
77	87.9		65.7	105.7

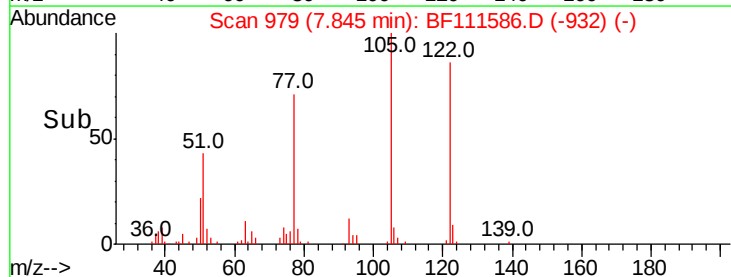
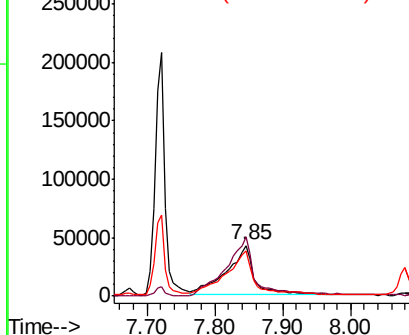


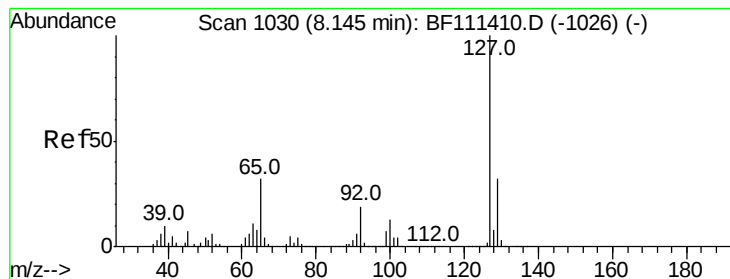
Abundance

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: 6.236 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

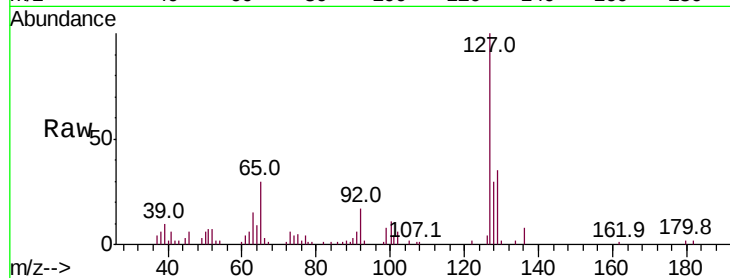
ClientSampleId :

PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	61187		
129	34.7	26.6	39.8	
65	30.0	25.7	38.5	
92	17.4	15.4	23.2	

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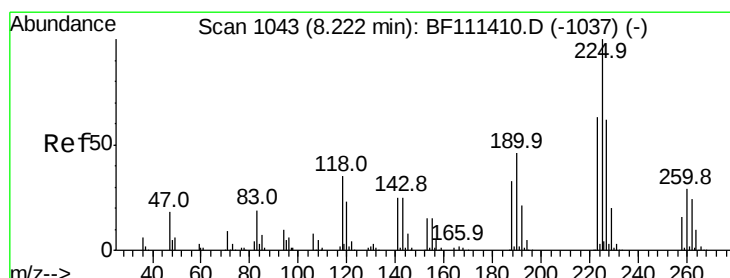
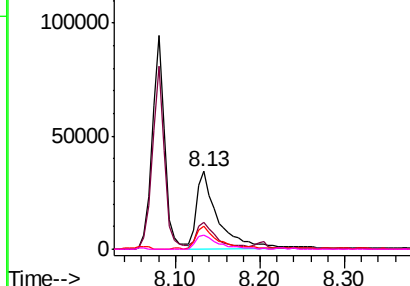
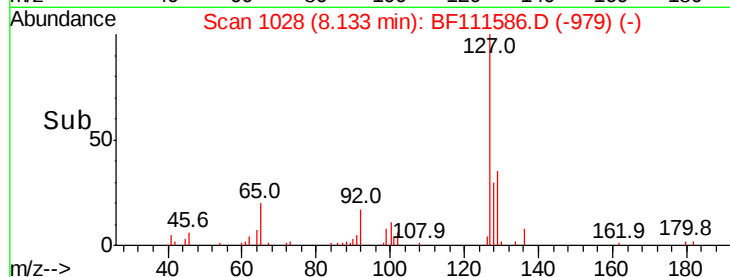
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 32.010 ng

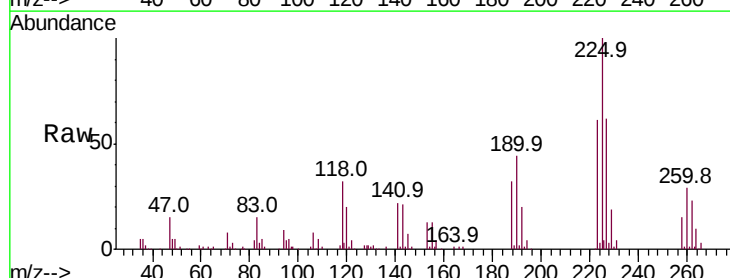
RT: 8.20 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	119753		
223	61.5	50.7	76.1	
227	61.7	52.6	78.8	

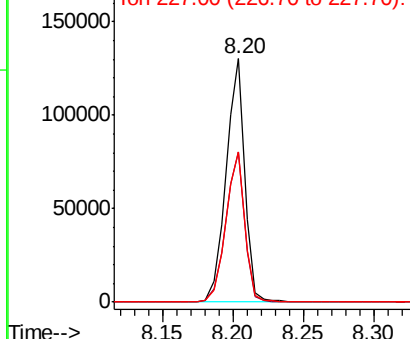
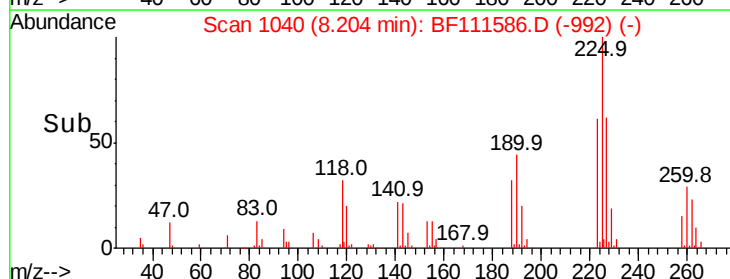


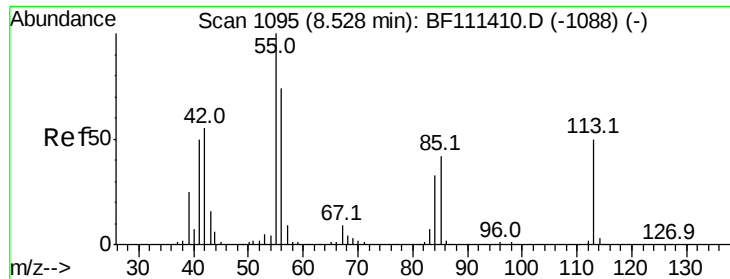
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





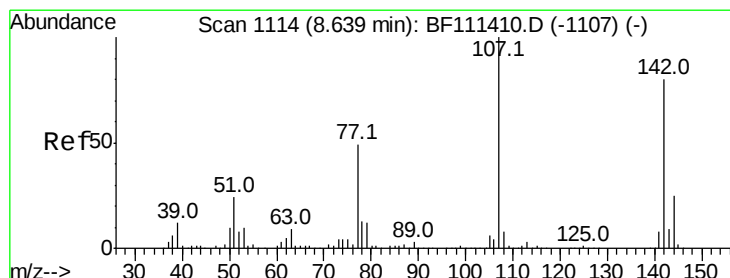
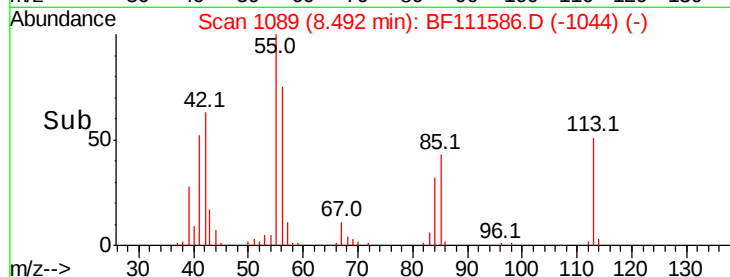
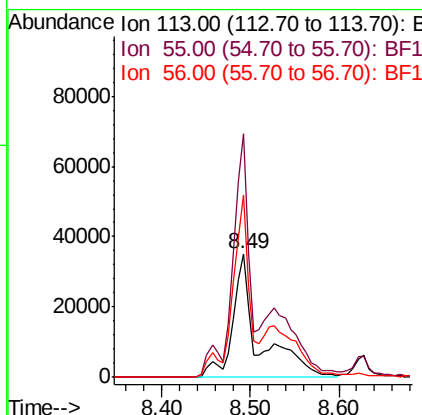
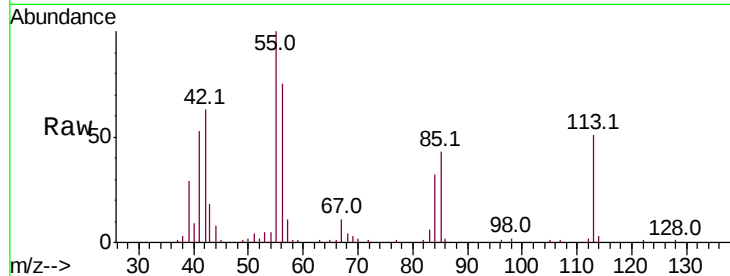
#35
Caprolactam
Concen: 29.731 ng/ml
RT: 8.49 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion:113 Resp: 71602
Ion Ratio Lower Upper
113 100
55 197.1 184.1 224.1
56 147.8 126.0 166.0

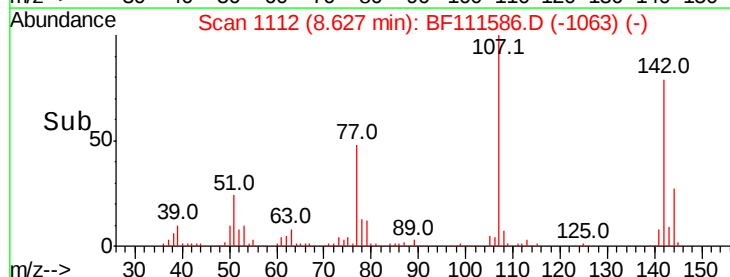
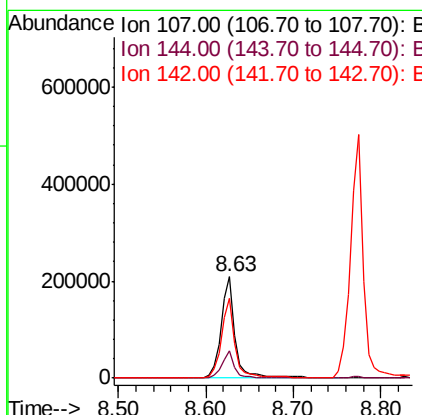
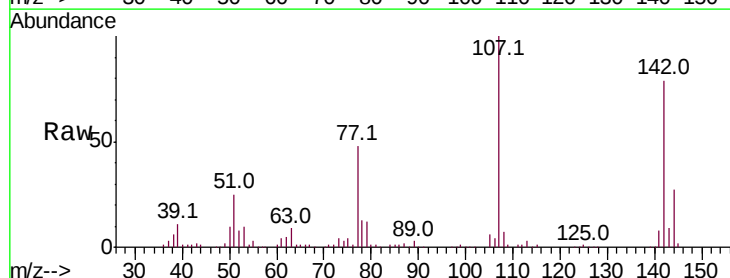
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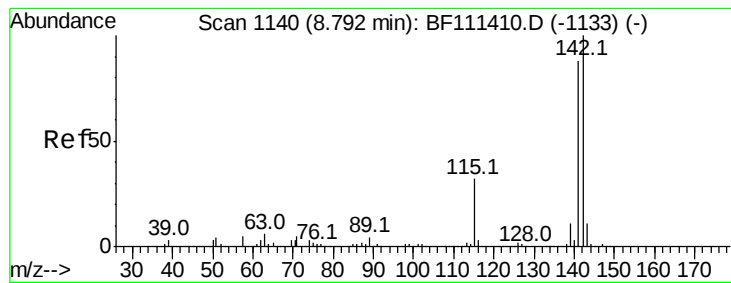
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 32.912 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:107 Resp: 234994
Ion Ratio Lower Upper
107 100
144 26.8 19.8 29.6
142 79.3 62.3 93.5





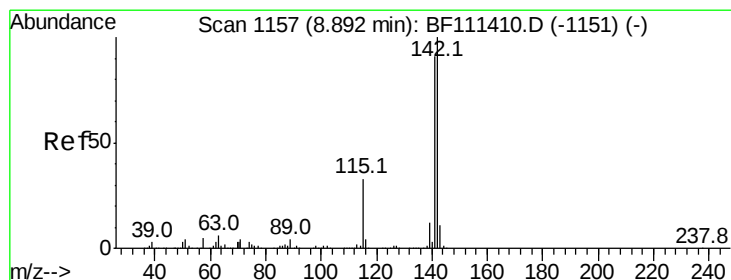
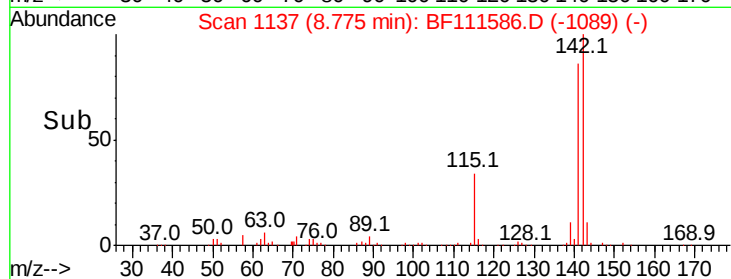
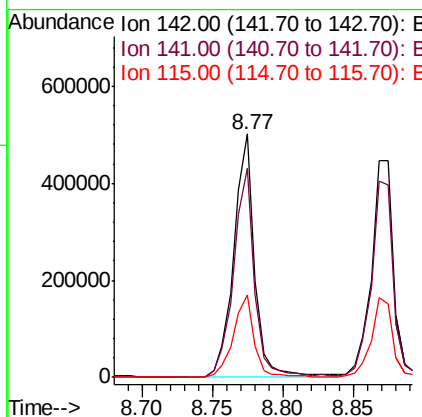
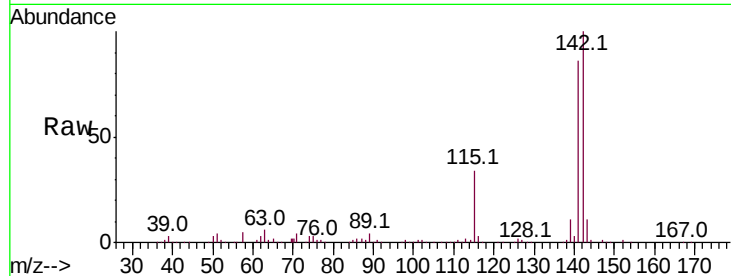
#37
2-Methylnaphthalene
Concen: 34.521 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.6	105.8
115	33.9	27.0	40.6

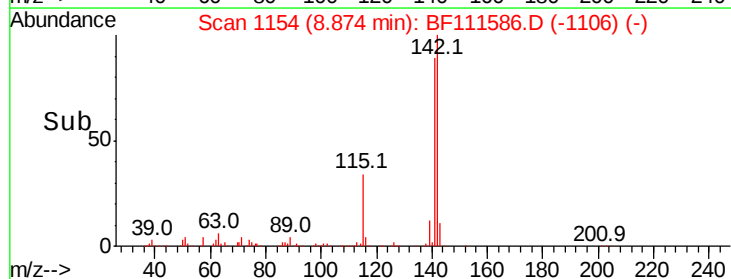
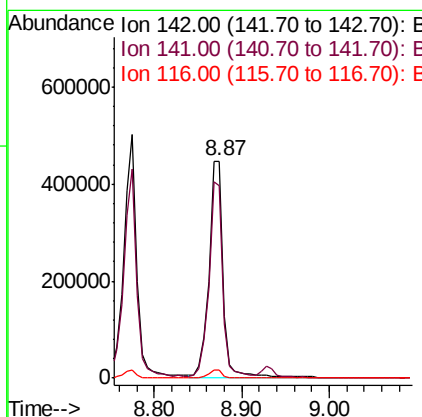
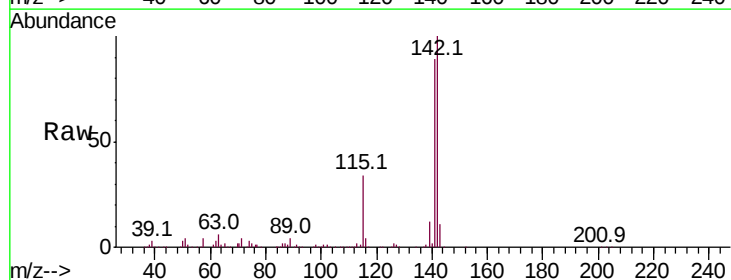
Manual Integrations
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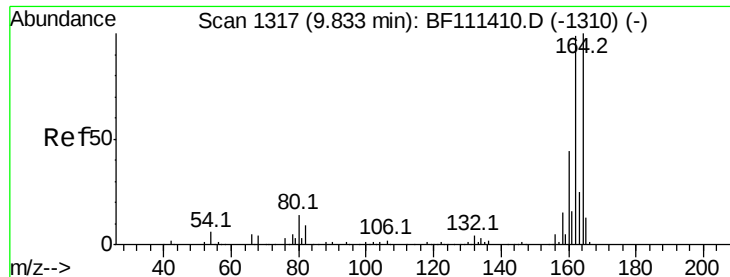
Sohil
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#38
1-Methylnaphthalene
Concen: 34.830 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.2	111.4
116	3.5	2.9	4.3





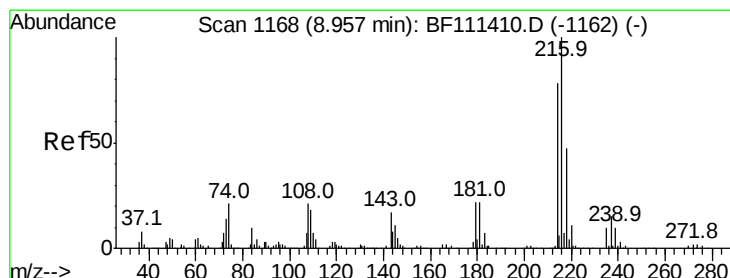
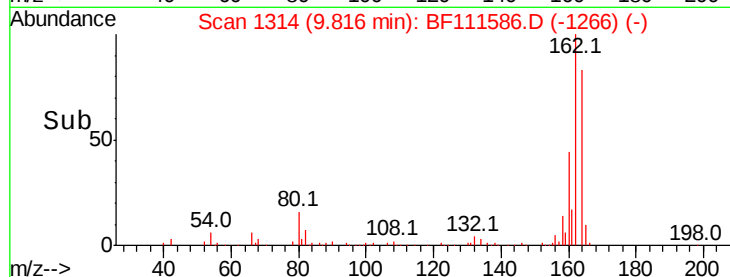
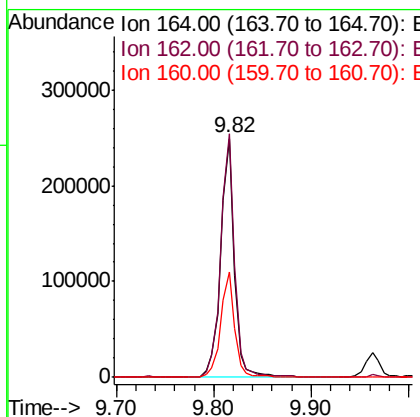
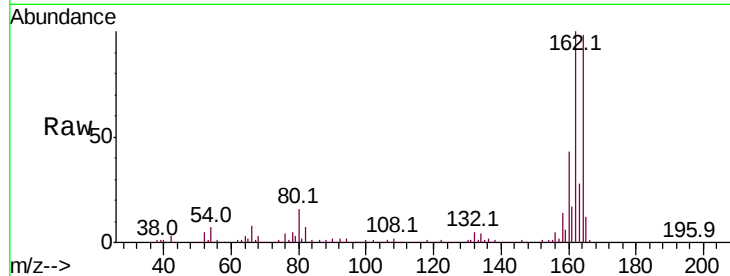
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	81.4	122.0	
160	44.1	35.7	53.5	

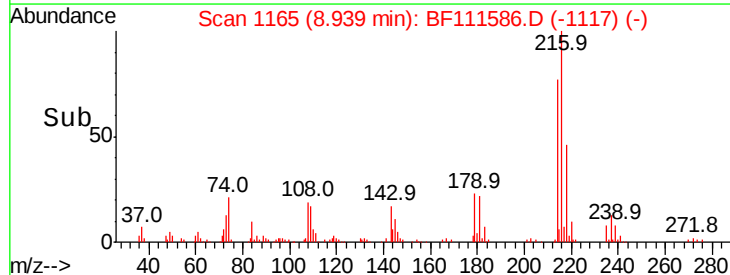
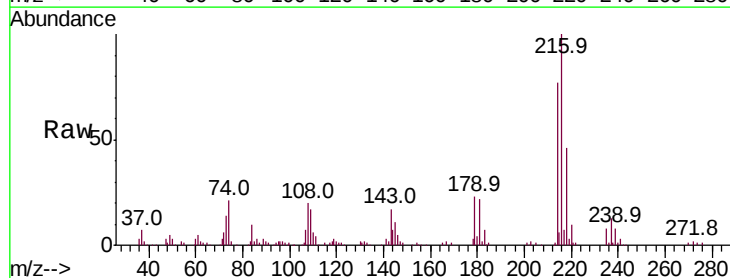
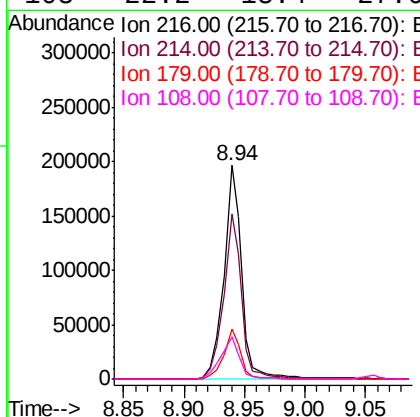
Manual Integrations
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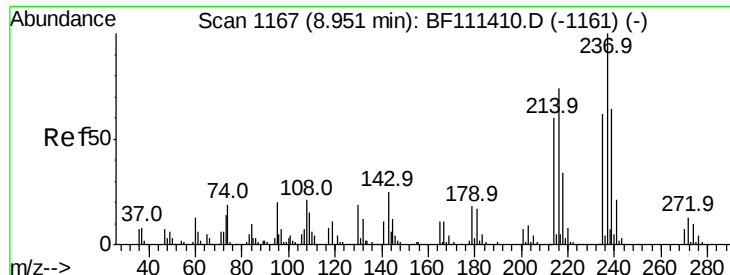
Sohil
12/19/2018 4:09:33 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.805 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.8	95.8	
179	22.3	17.9	26.9	
108	22.2	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 38.104 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

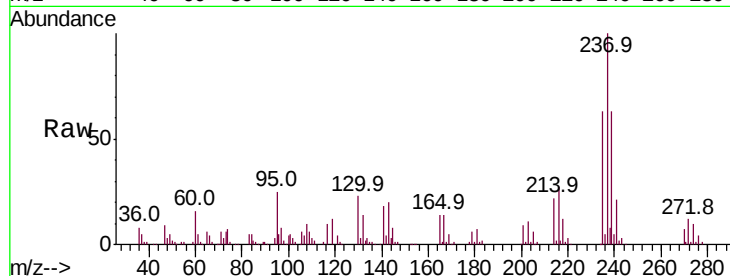
ClientSampleId :

PB115777BSD

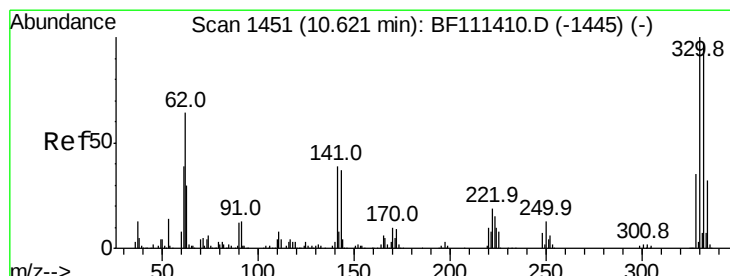
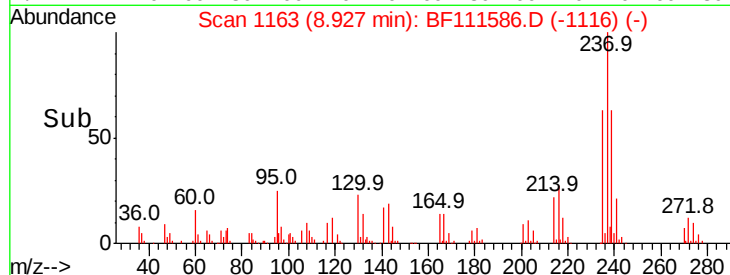
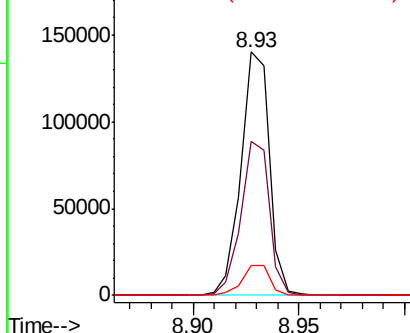
Tot Ion:	237	Resp:	131465
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.1	83.1
272	12.1	0.0	33.0

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



#42

2,4,6-Tribromophenol

Concen: 70.283 ng

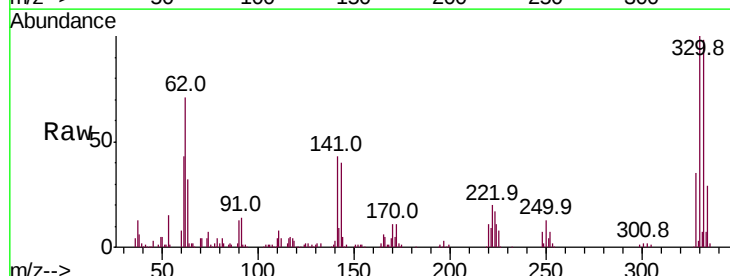
RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

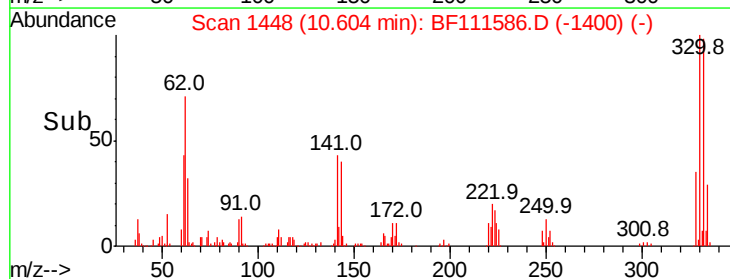
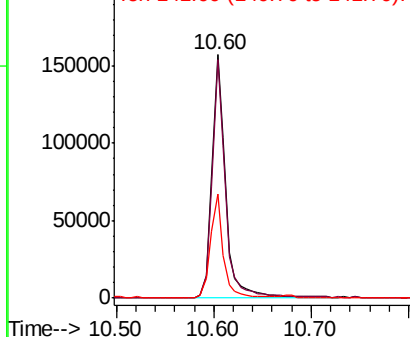
Lab File: BF111586.D

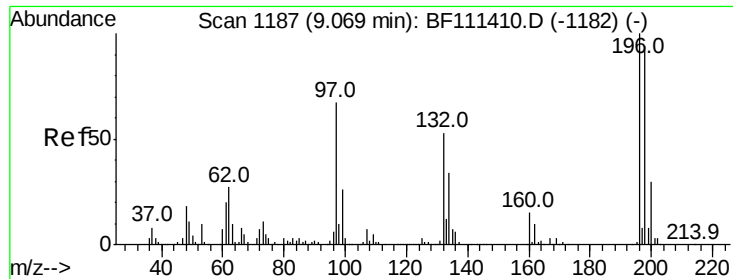
Acq: 18 Dec 2018 20:13

Tgt Ion:	330	Resp:	154276
Ion Ratio	Lower	Upper	
330	100		
332	95.0	76.0	114.0
141	40.3	31.0	46.6



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





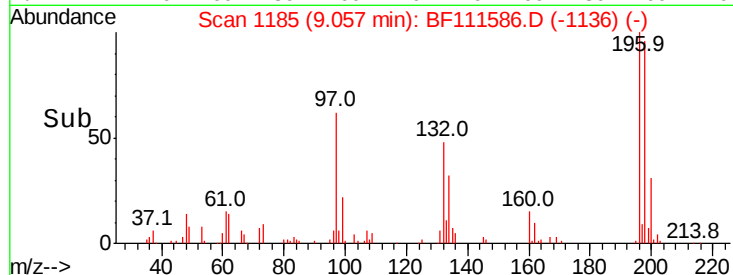
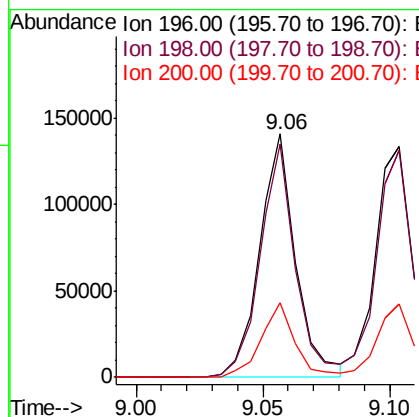
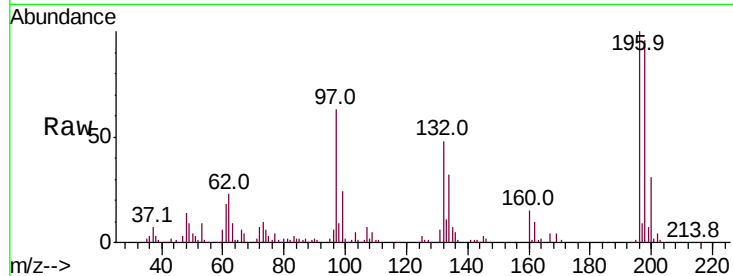
#43
 2,4,6-Trichlorophenol
 Concen: 29.152 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BSD

Tot Ion:	196	Resp:	138652
Ion Ratio	Lower	Upper	
196	100		
198	96.1	76.3	114.5
200	30.6	24.9	37.3

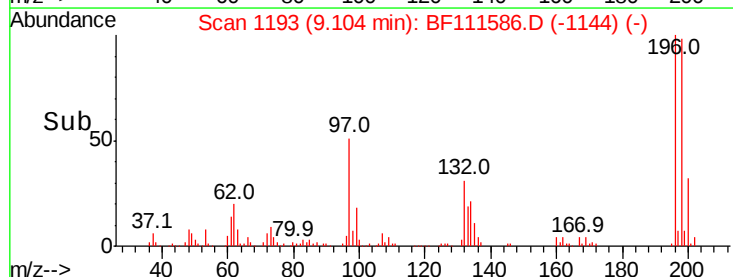
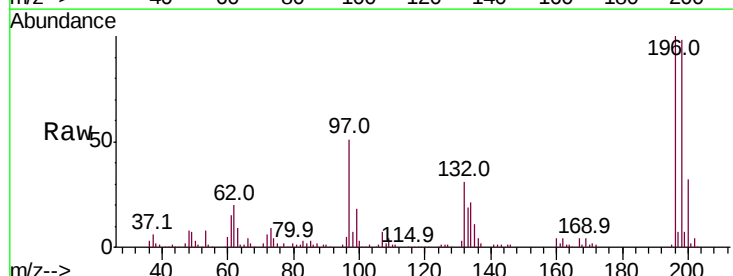
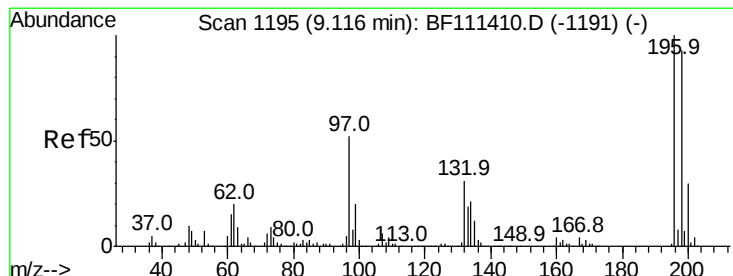
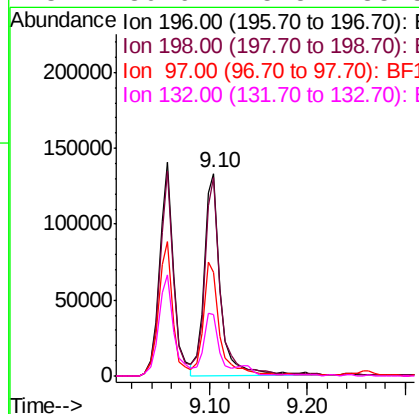
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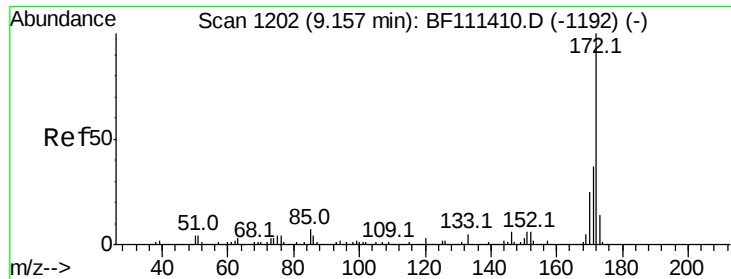
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 30.238 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:	196	Resp:	153041
Ion Ratio	Lower	Upper	
196	100		
198	98.2	72.9	109.3
97	51.5	45.3	67.9
132	30.6	25.5	38.3





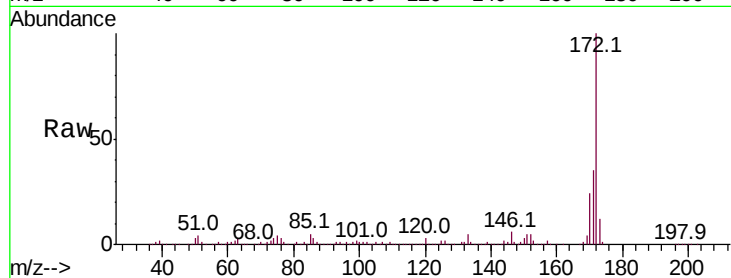
#45
2-Fluorobiphenyl
Concen: 71.561 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	33.0	49.4
170	23.6	22.3	33.5

Manual Integrations
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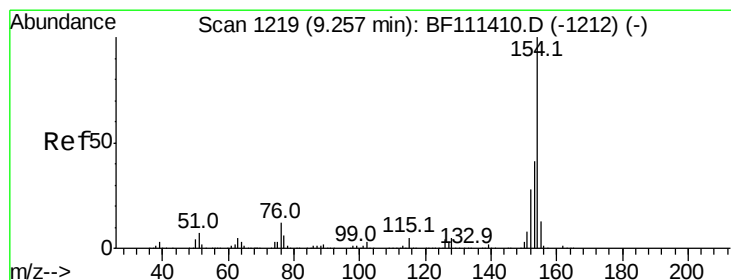
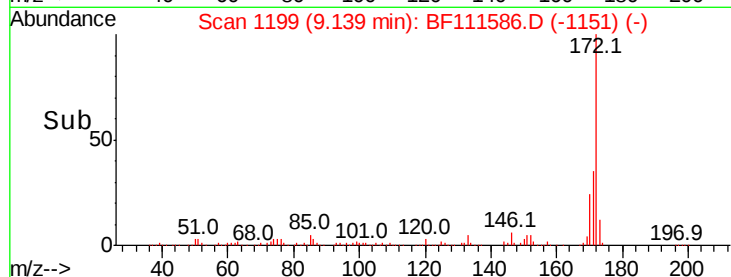
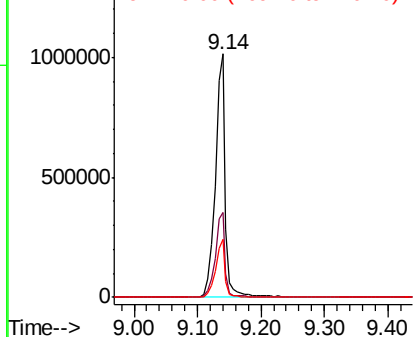


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 30.009 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

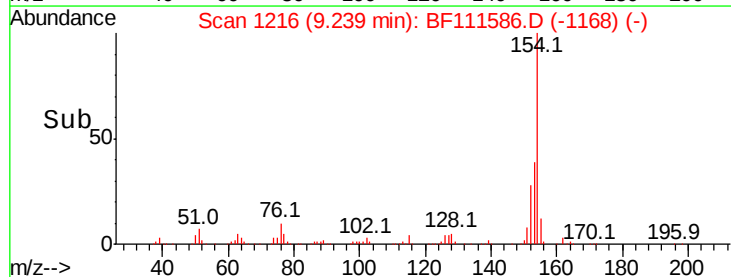
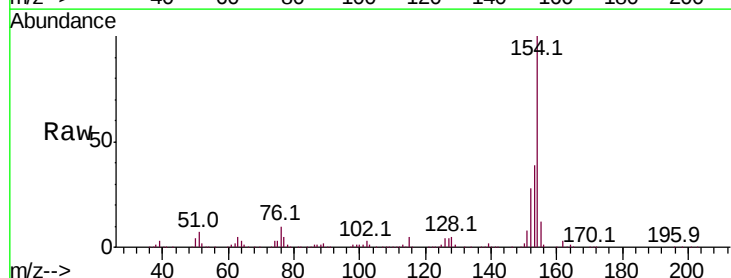
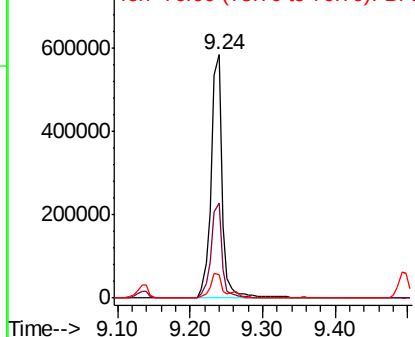
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	23.7	63.7
76	9.5	0.0	35.0

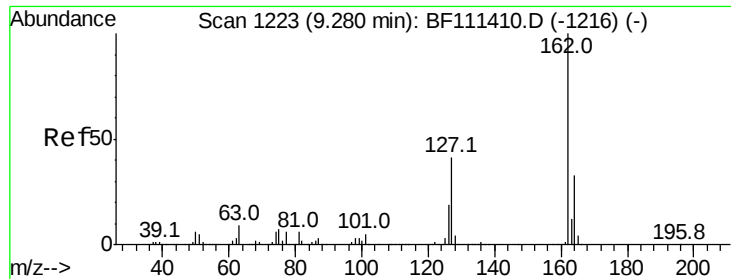
Abundance

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





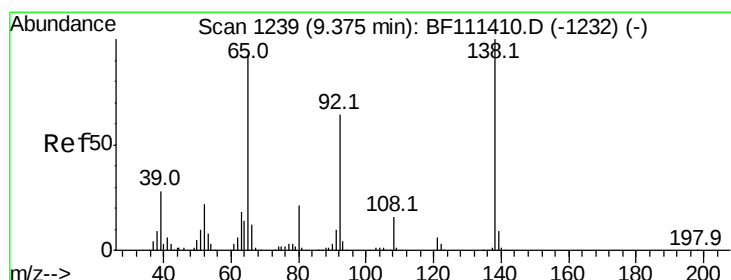
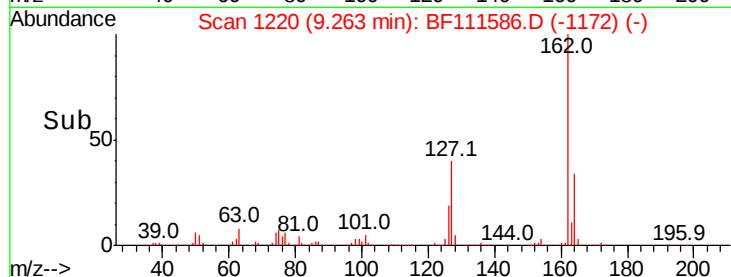
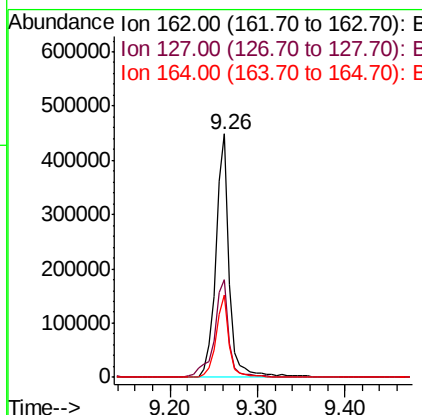
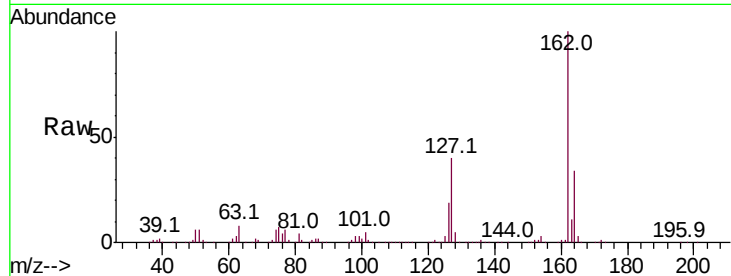
#47
2-Chloronaphthalene
Concen: 30.529 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	481821		
127	40.4	35.0	52.4	
164	33.7	28.4	42.6	

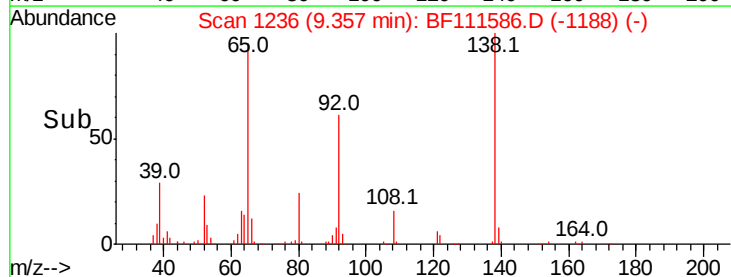
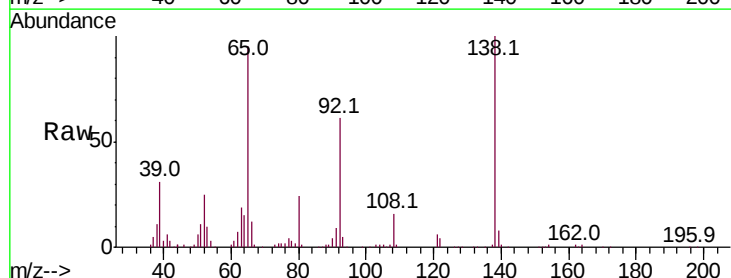
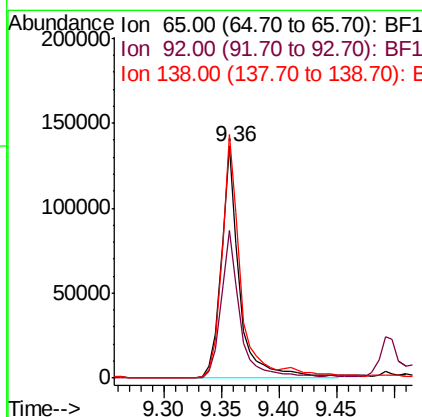
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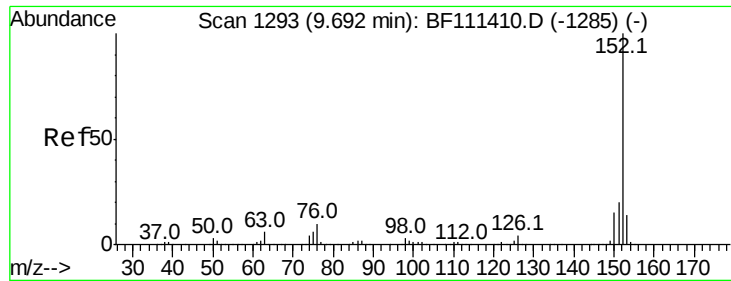
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#48
2-Nitroaniline
Concen: 29.291 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	150097		
92	63.8	53.5	80.3	
138	104.9	80.9	121.3	





#49

Acenaphthylene

Concen: 33.913 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

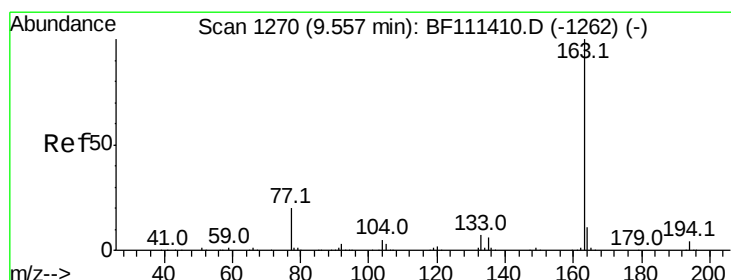
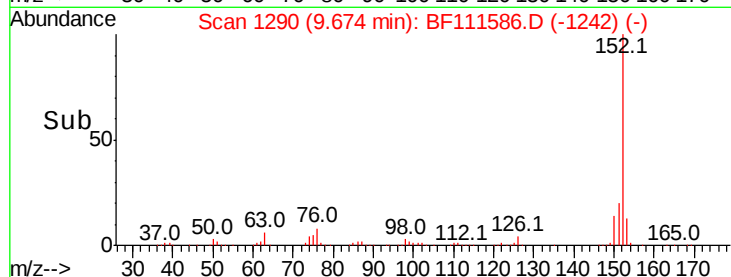
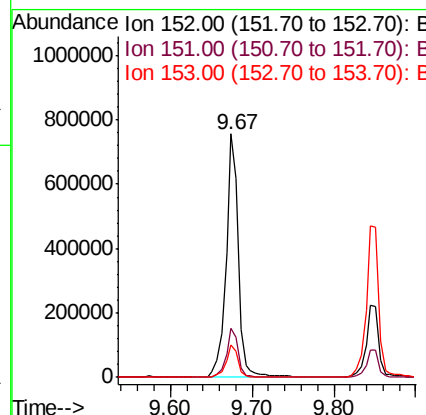
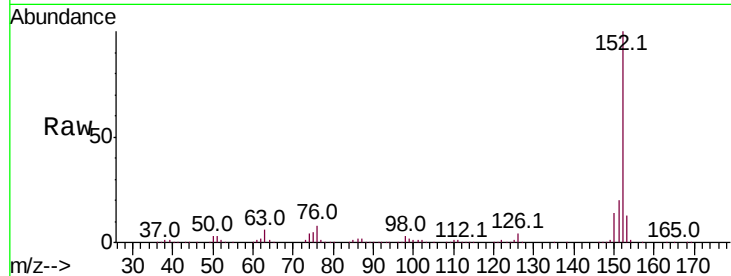
ClientSampleId :

PB115777BSD

Tot Ion:	152	Resp:	794466
Ion Ratio	Lower	Upper	
152	100		
151	20.2	18.0	27.0
153	13.1	12.3	18.5

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#50

Dimethylphthalate

Concen: 33.281 ng

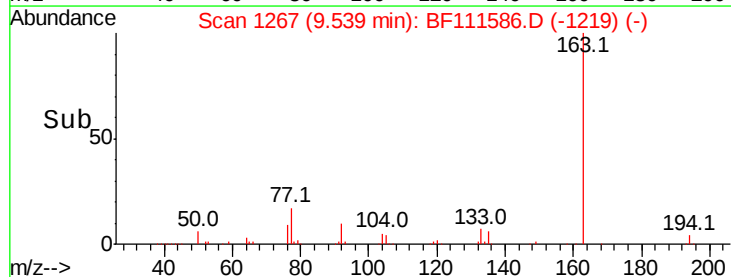
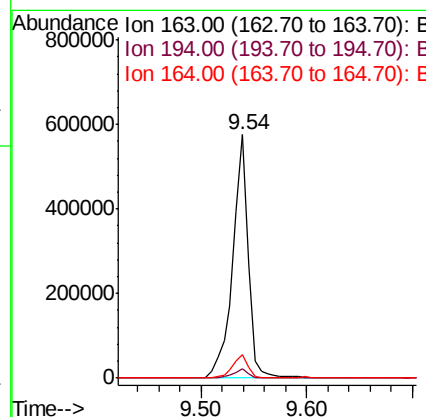
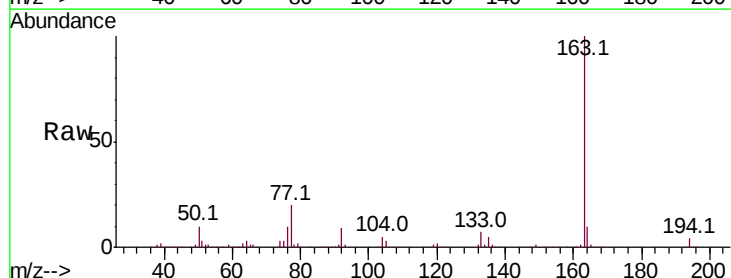
RT: 9.54 min Scan# 1267

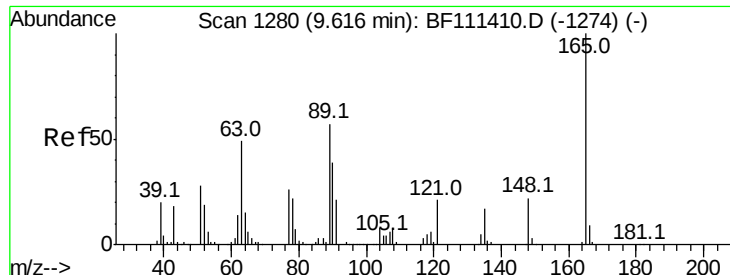
Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion:	163	Resp:	587330
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	9.9	8.9	13.3





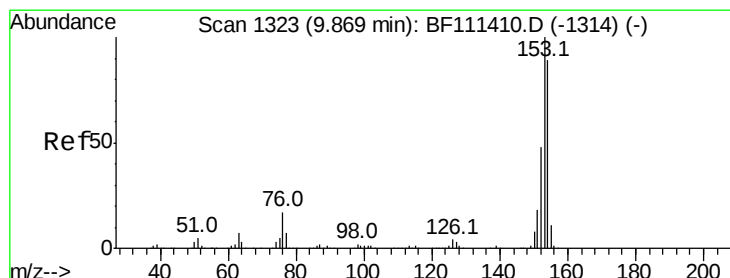
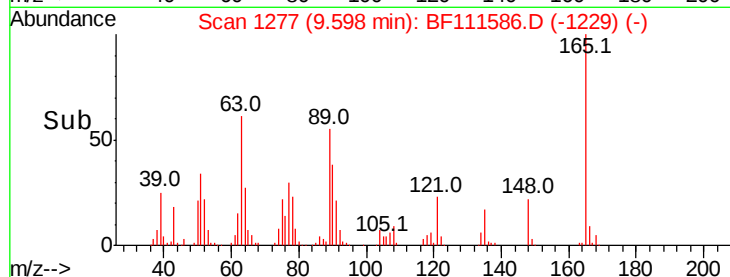
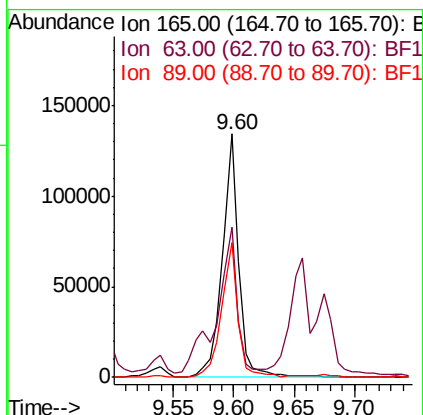
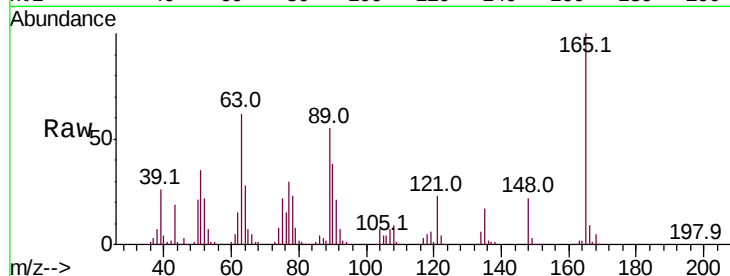
#51
 2,6-Dinitrotoluene
 Concen: 31.942 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126884		
63	61.7	40.5	60.7#	
89	55.4	40.0	60.0	

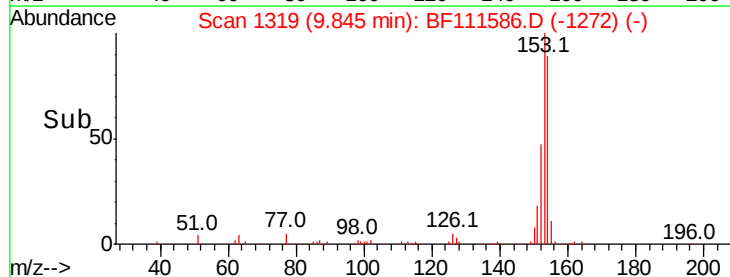
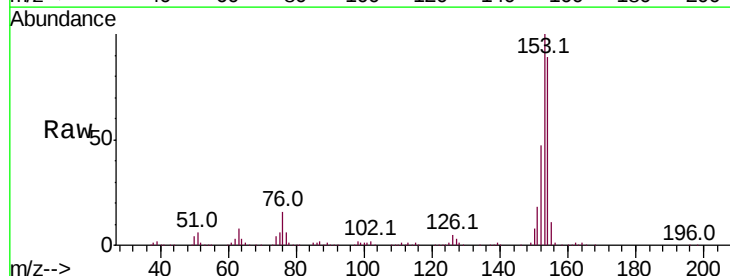
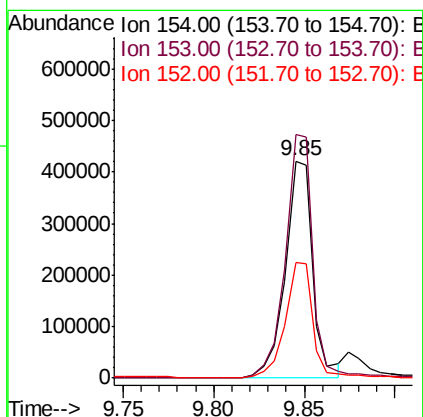
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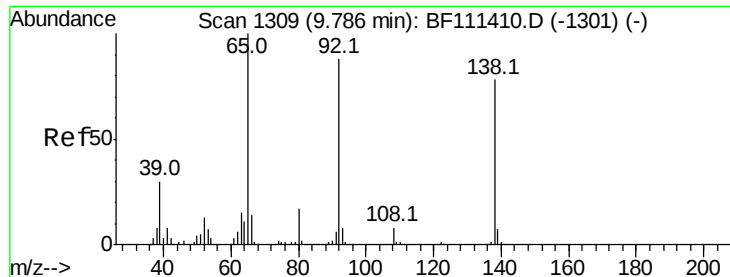
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#52
 Acenaphthene
 Concen: 30.209 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	447292		
153	112.2	87.8	131.8	
152	53.1	43.4	65.2	





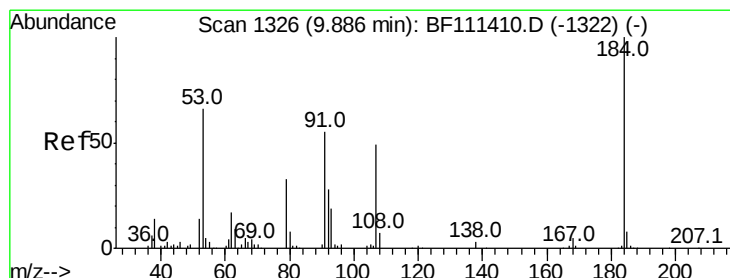
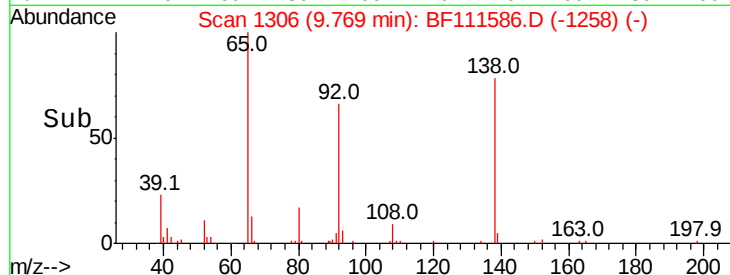
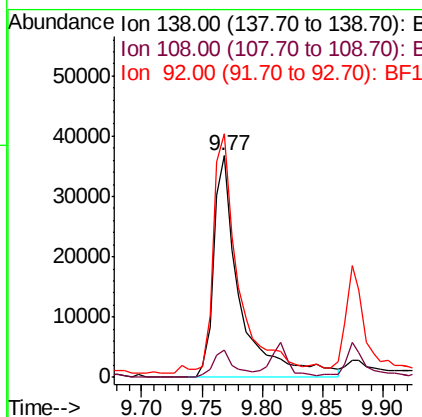
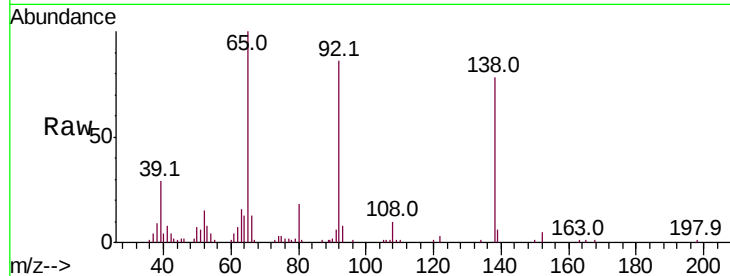
#53
3-Nitroaniline
Concen: 11.292 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion:138 Resp: 54484
Ion Ratio Lower Upper
138 100
108 12.4 8.2 12.4#
92 109.8 93.4 140.2

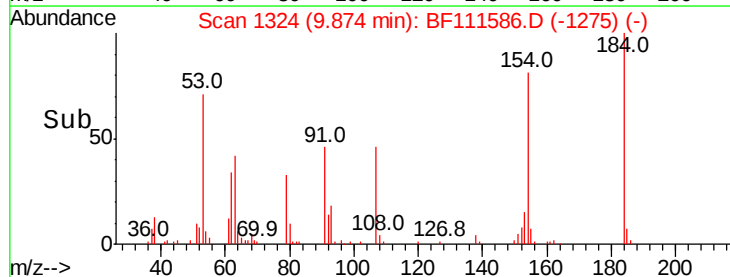
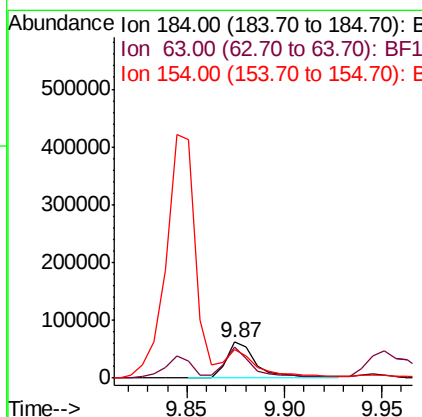
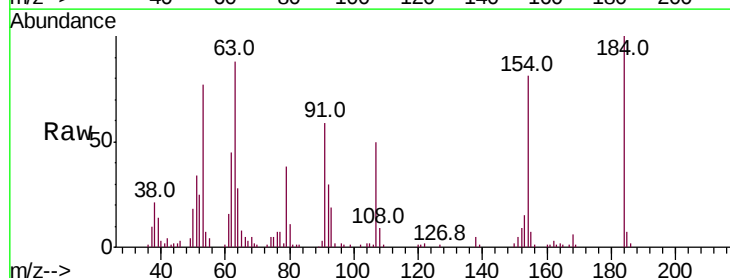
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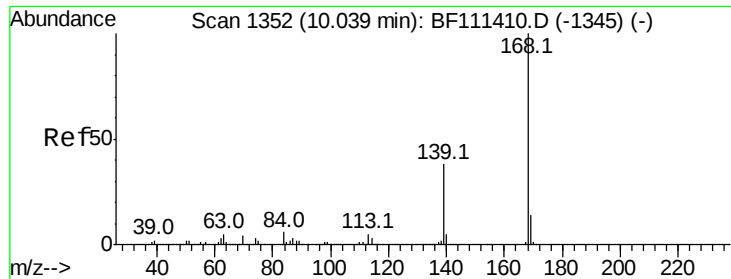
Sohil
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#54
2,4-Dinitrophenol
Concen: 44.670 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion:184 Resp: 67508
Ion Ratio Lower Upper
184 100
63 87.7 62.3 93.5
154 80.7 56.2 84.2





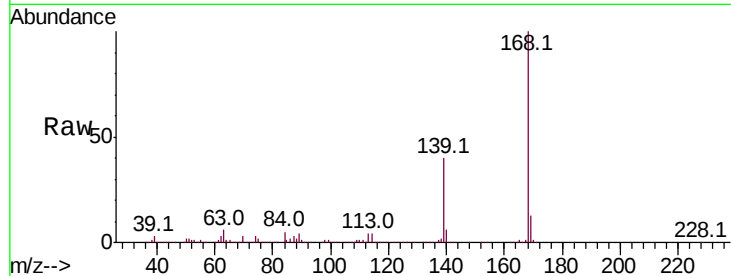
#55
Dibenzofuran
Concen: 32.859 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	32.6	49.0
169	13.1	11.8	17.6

Manual Integrations
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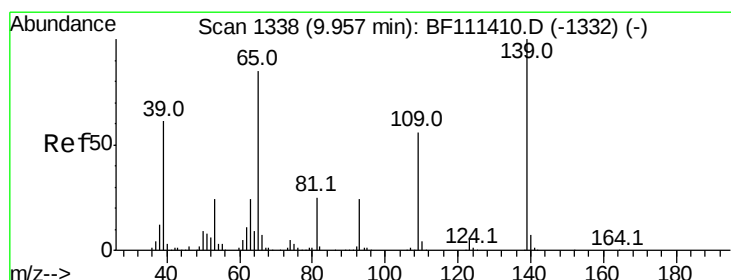
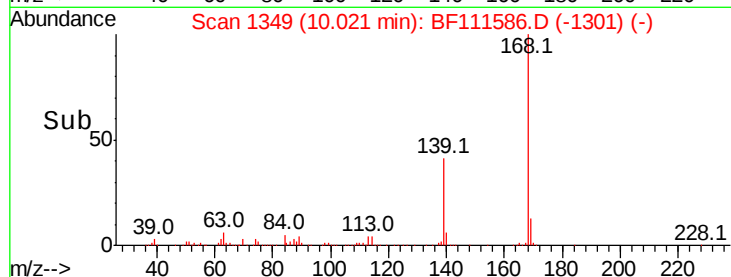
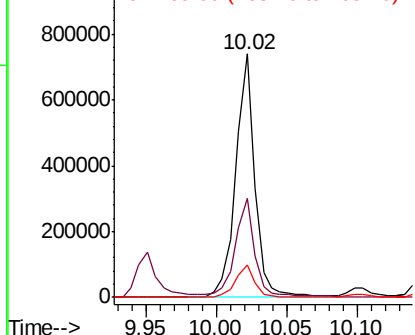


Abundance

Ion 168.00 (167.70 to 168.70): E

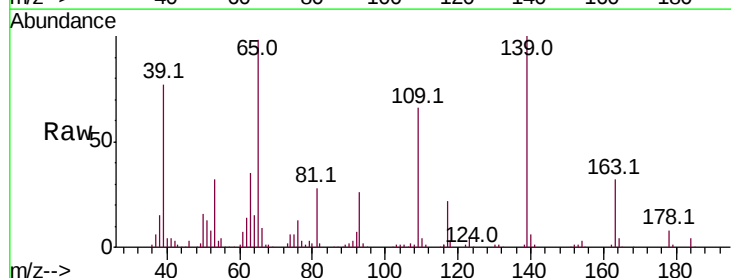
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 42.891 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	41.8	81.8
65	98.1	79.6	119.6

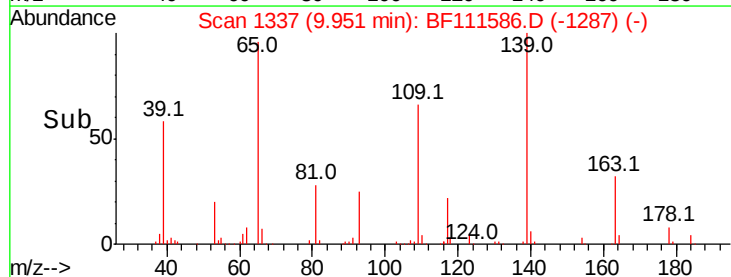
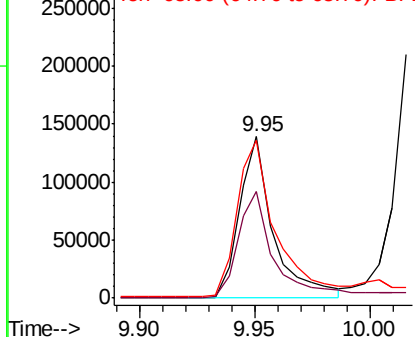


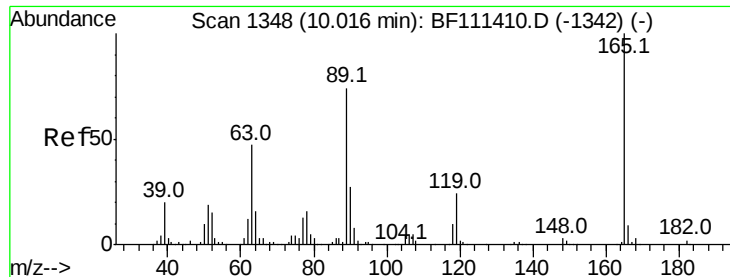
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





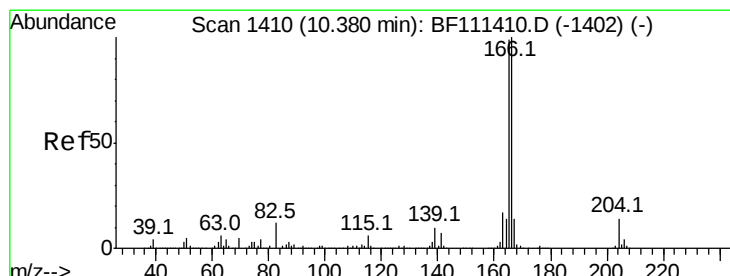
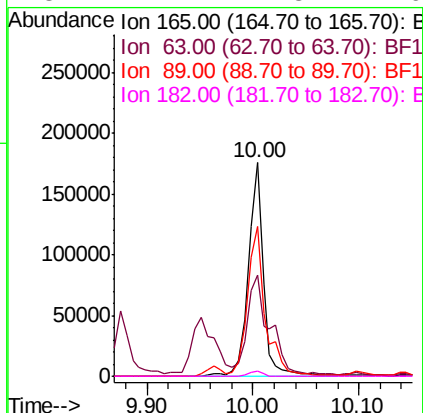
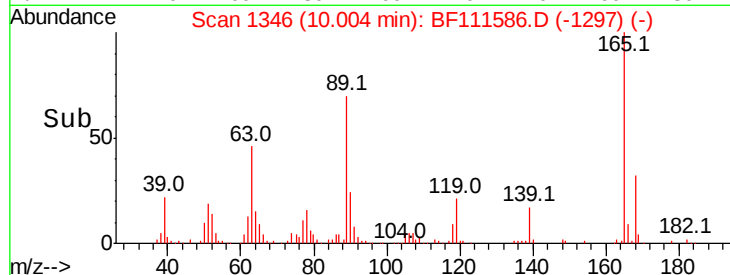
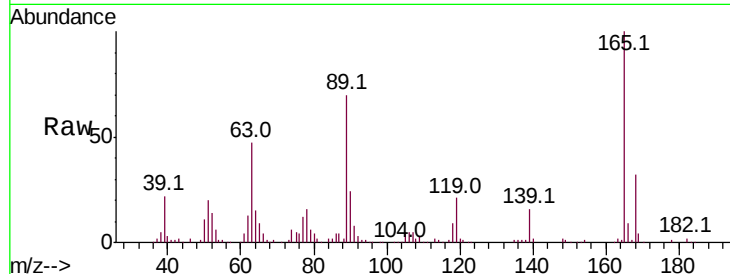
#57
2,4-Dinitrotoluene
Concen: 33.628 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175326		
63	47.1	34.6	52.0	
89	69.9	56.2	84.4	
182	2.2	1.8	2.6	

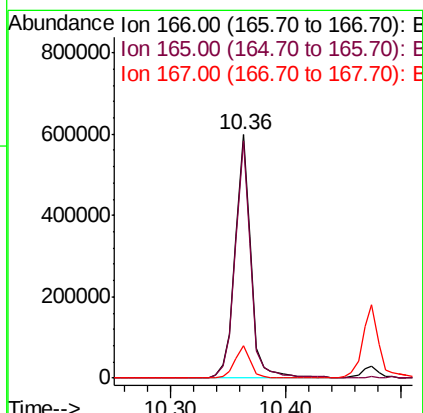
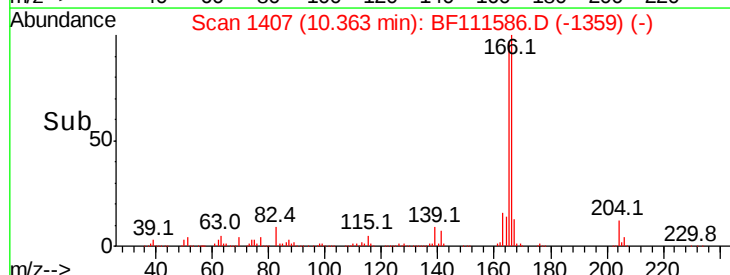
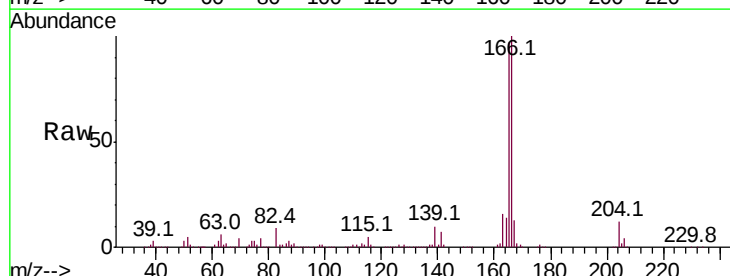
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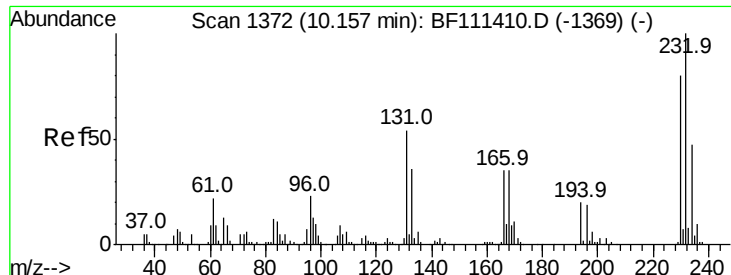
Sohil
12/19/2018 4:09:33 PM



#58
Fluorene
Concen: 36.509 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	569144		
165	97.5	78.4	117.6	
167	13.3	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 32.334 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

ClientSampleId :

PB115777BSD

Tot Ion:232 Resp: 127859

Ion Ratio Lower Upper

232 100

131 50.1 40.9 61.3

130 2.6 2.0 3.0

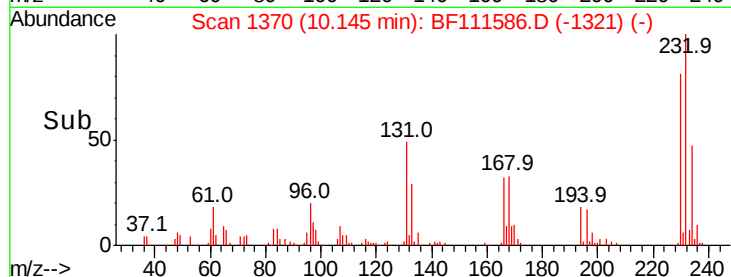
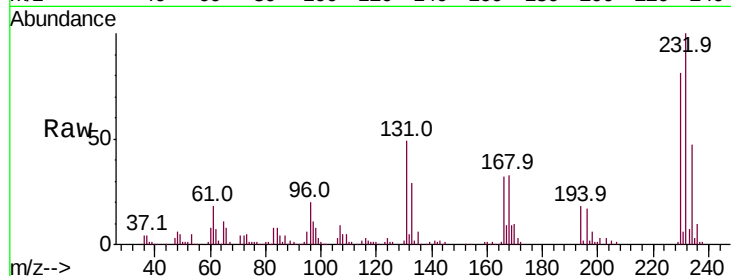
166 33.1 26.8 40.2

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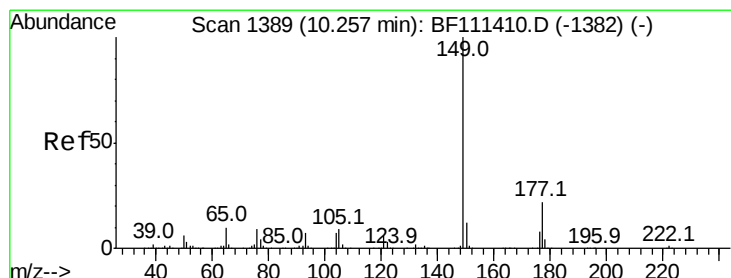
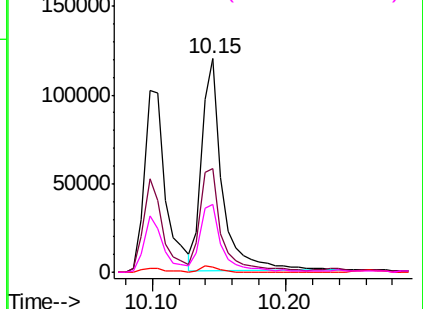


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 33.618 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

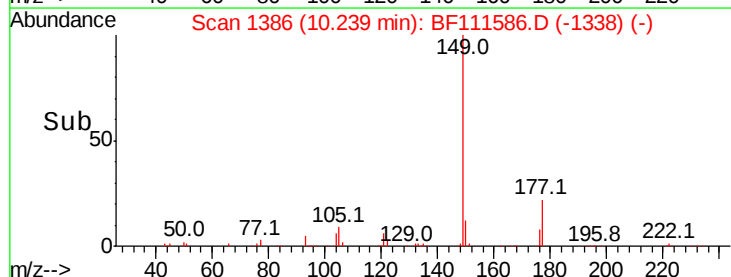
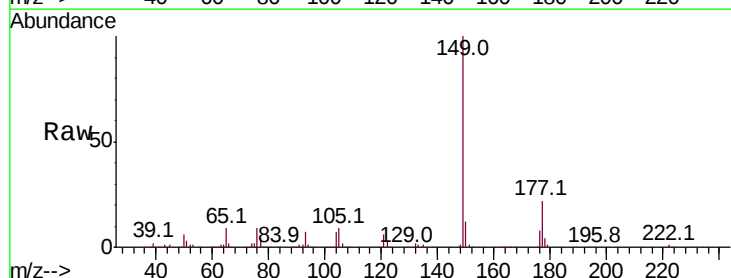
Tgt Ion:149 Resp: 600961

Ion Ratio Lower Upper

149 100

177 21.5 18.3 27.5

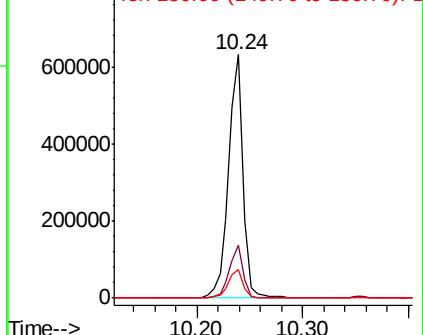
150 12.0 10.6 15.8

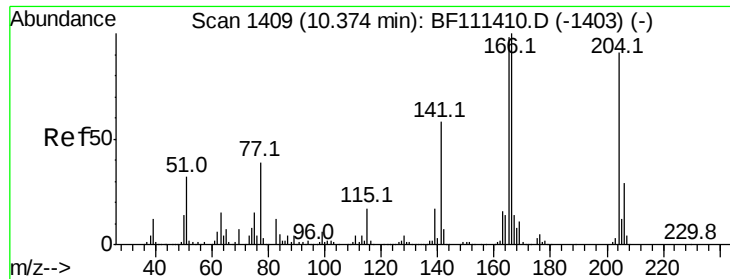


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





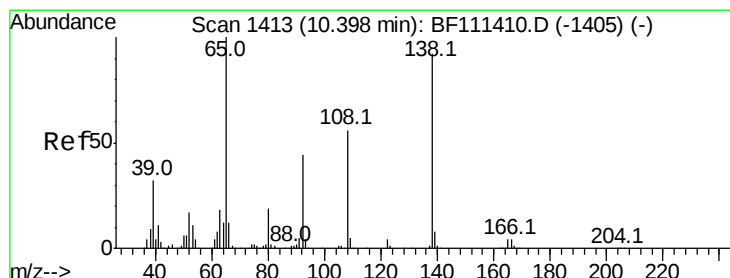
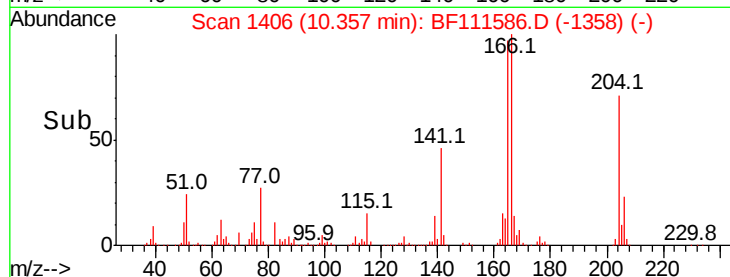
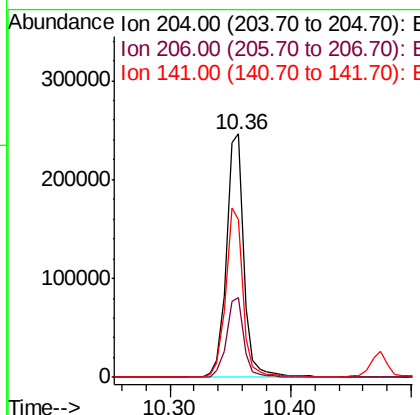
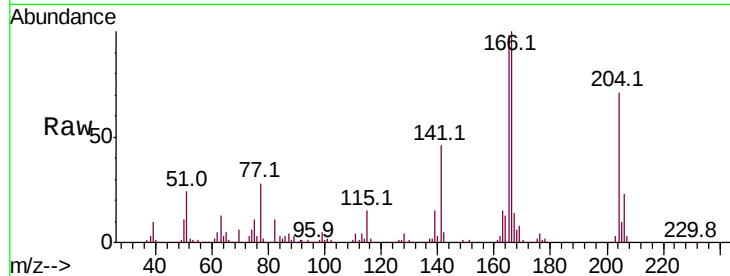
#61
4-Chlorophenyl-phenylether
Concen: 32.639 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	64.7	52.6	78.8

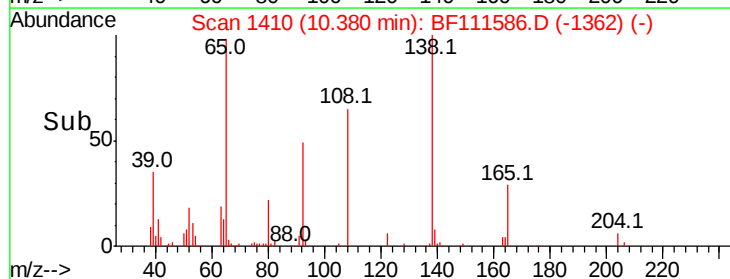
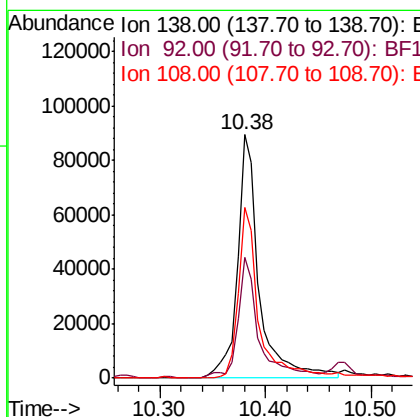
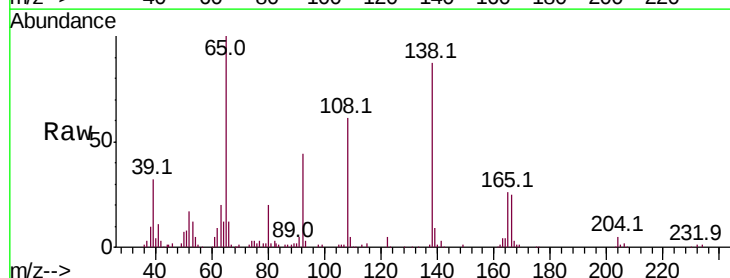
Manual Integrations
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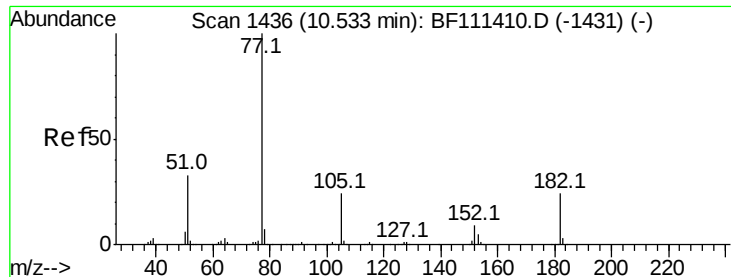
Sohil
12/19/2018 4:09:33 PM



#62
4-Nitroaniline
Concen: 26.371 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	29.9	69.9
108	70.0	43.2	83.2





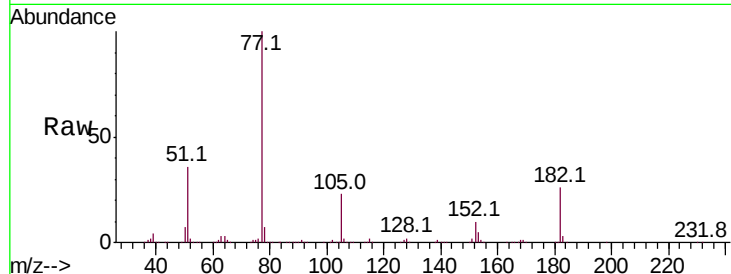
#63
Azobenzene
Concen: 32.120 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.9	44.9
105	22.9	6.0	46.0
51	35.6	14.7	54.7

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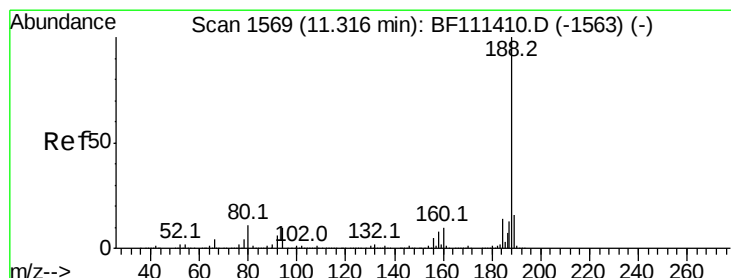
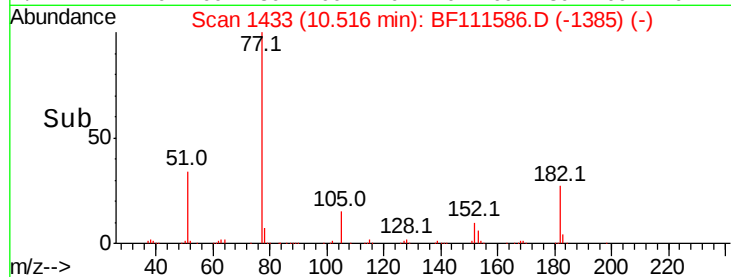
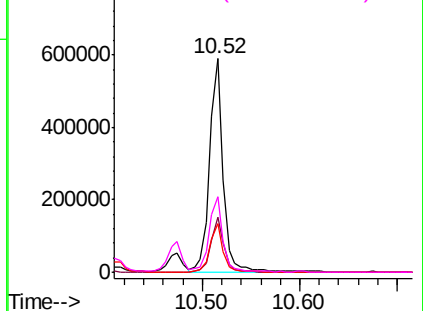
Abundance

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

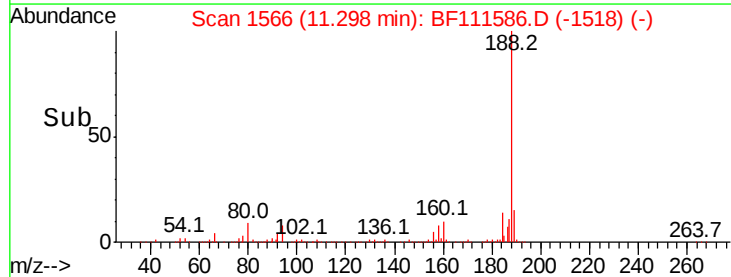
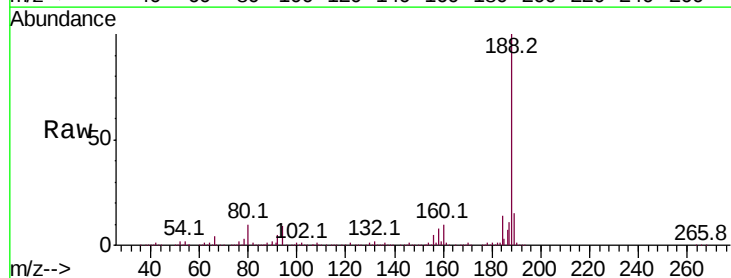
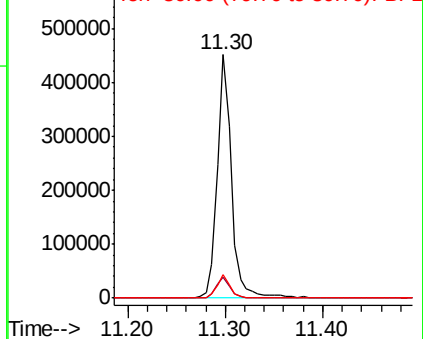
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.6	14.4#
80	9.5	9.8	14.6#

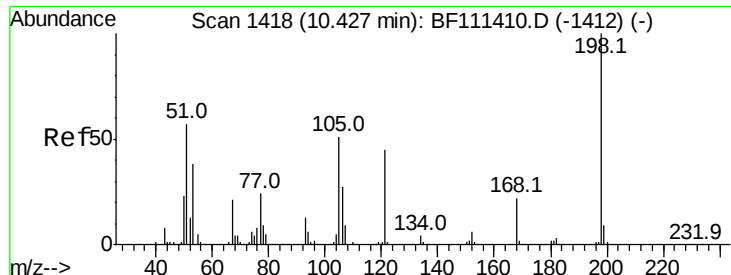
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





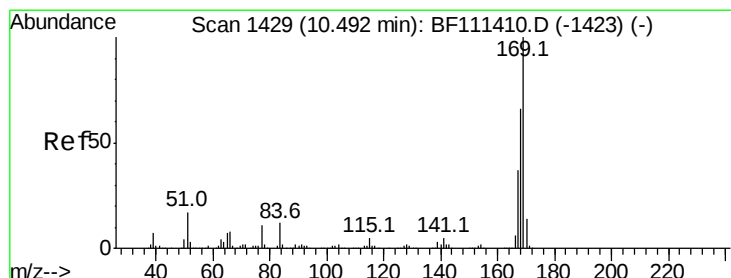
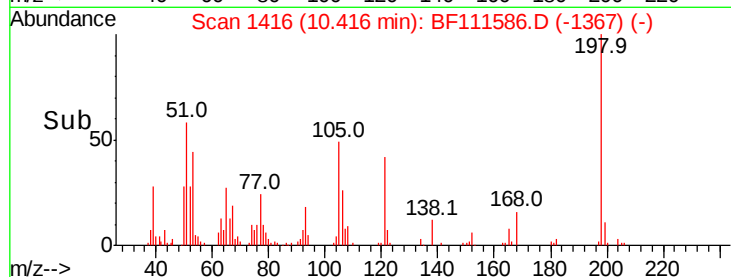
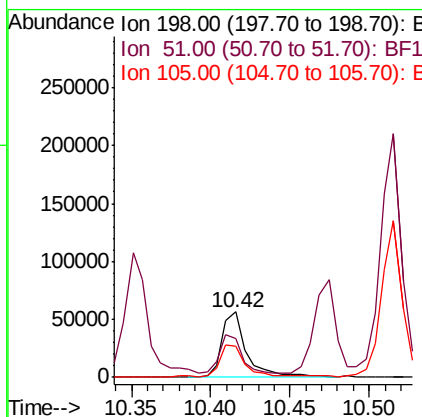
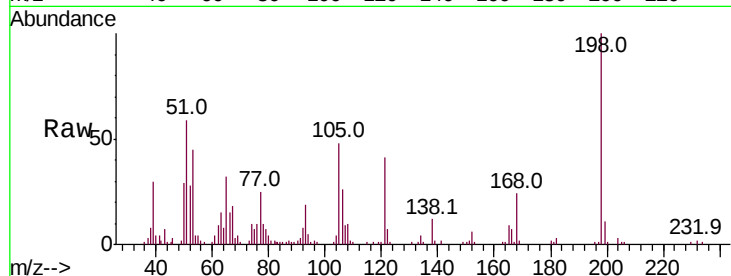
#65
4,6-Dinitro-2-methylphenol
Concen: 23.596 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.7	48.0	88.0
105	47.8	34.0	74.0

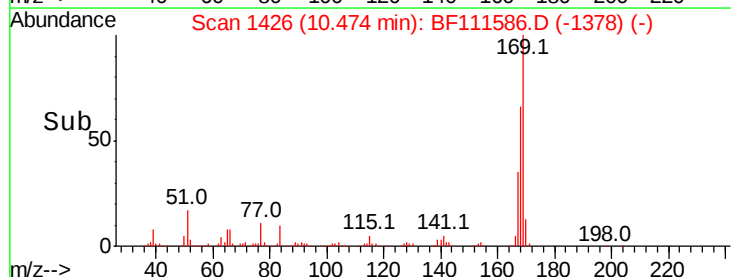
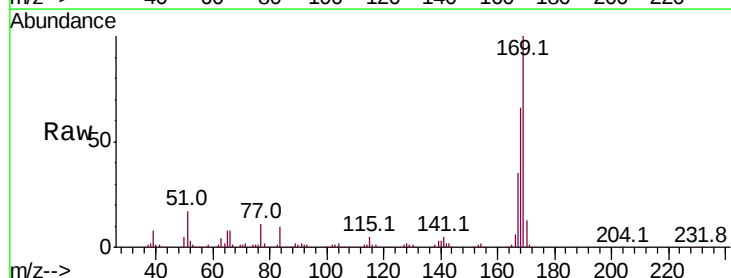
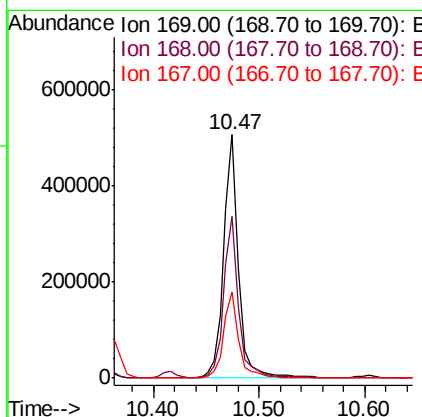
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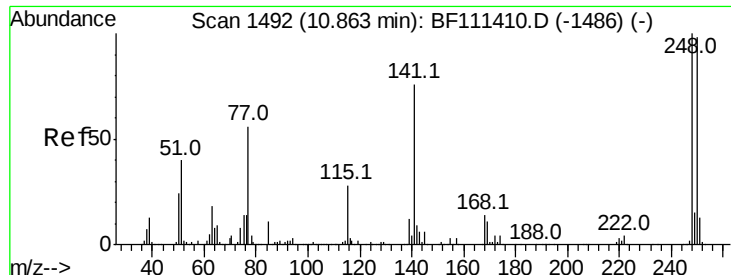
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 31.455 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.4	81.6
167	35.4	30.5	45.7





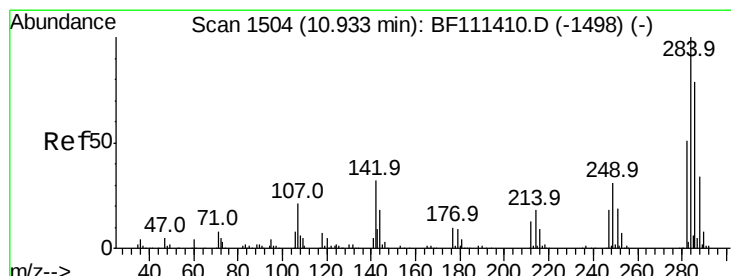
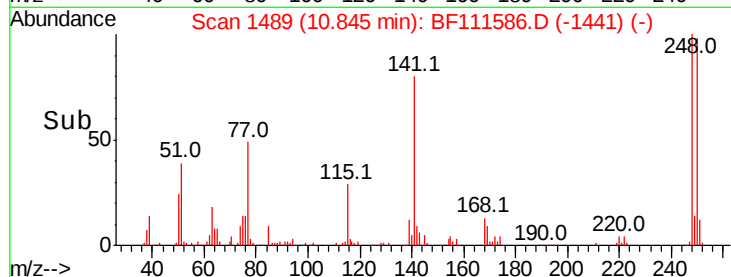
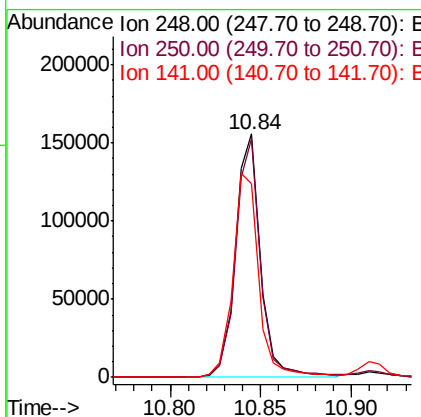
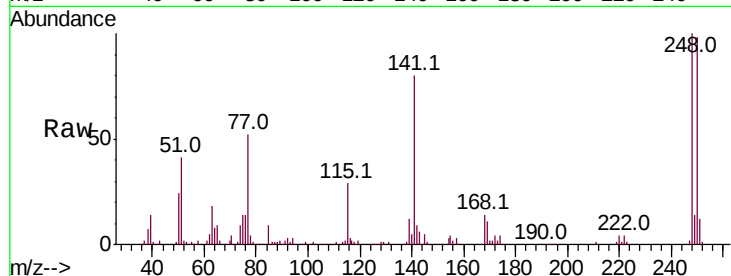
#67
 4-Bromophenyl-phenylether
 Concen: 30.243 ng
 RT: 10.84 min Scan# 1489
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BSD

Tot Ion:	248	Resp:	150037
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.0	115.4
141	79.7	63.0	94.6

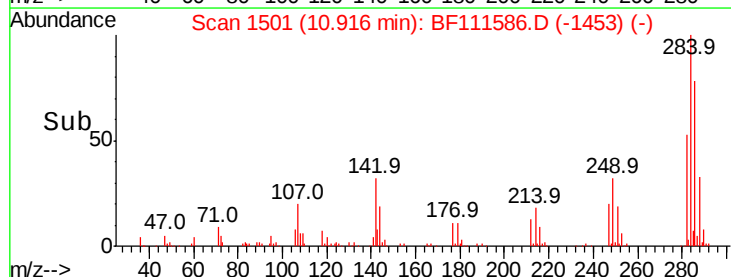
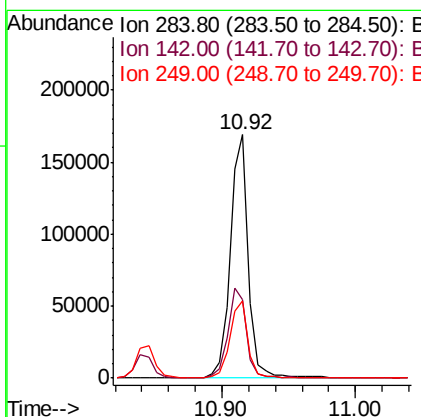
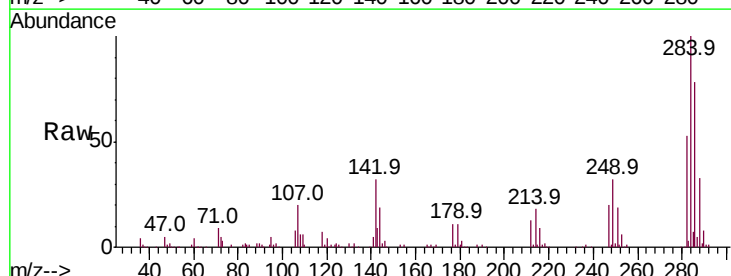
Manual Integrations
 APPROVED

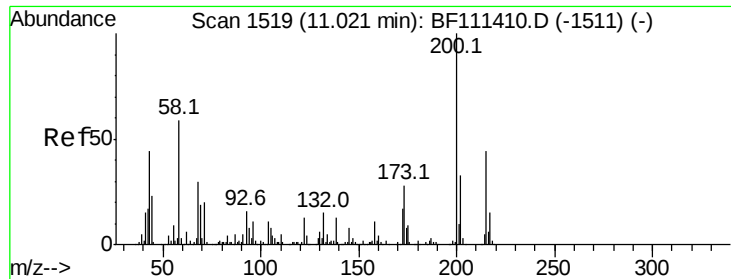
Sohil
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#68
 Hexachlorobenzene
 Concen: 31.289 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion:	284	Resp:	159673
Ion Ratio	Lower	Upper	
284	100		
142	32.0	27.4	41.2
249	31.9	24.4	36.6





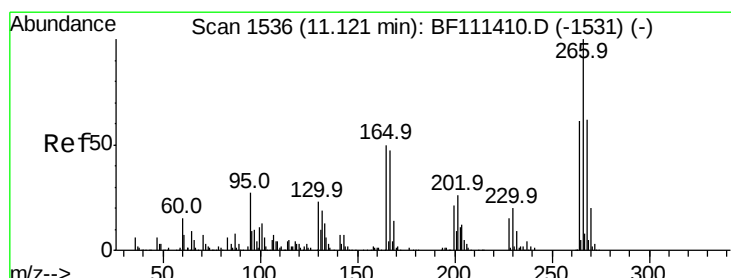
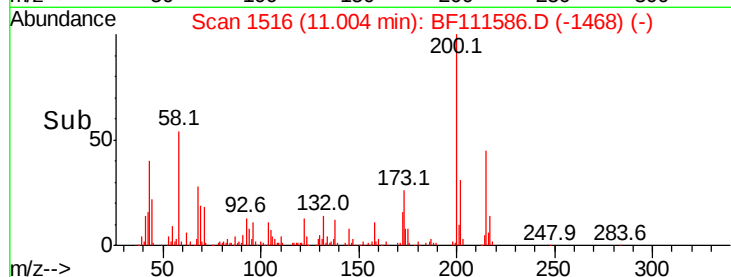
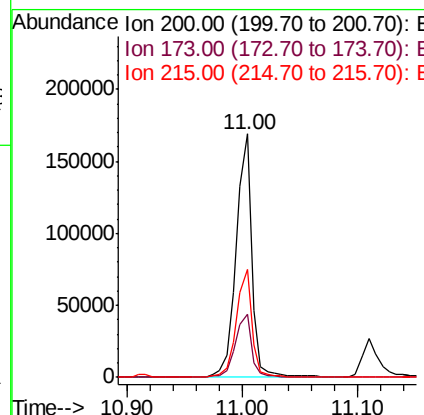
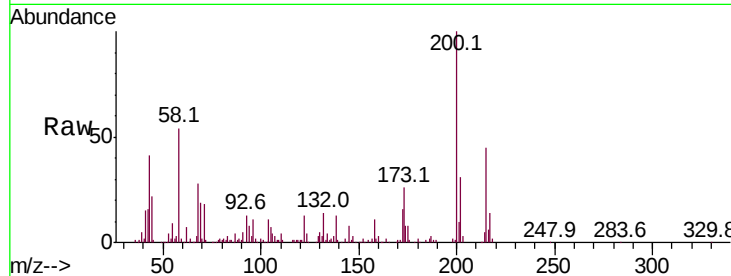
#69
Atrazine
Concen: 34.982 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	160475		
173	26.1		10.1	50.1
215	44.5		26.9	66.9

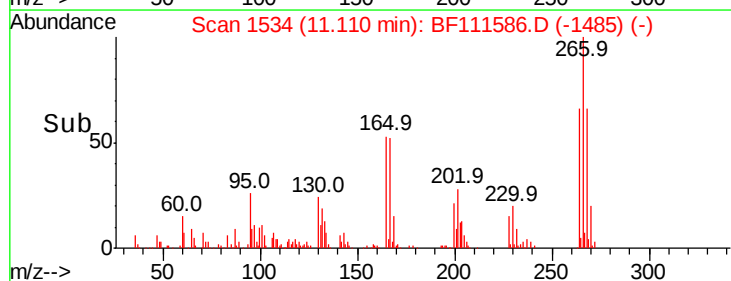
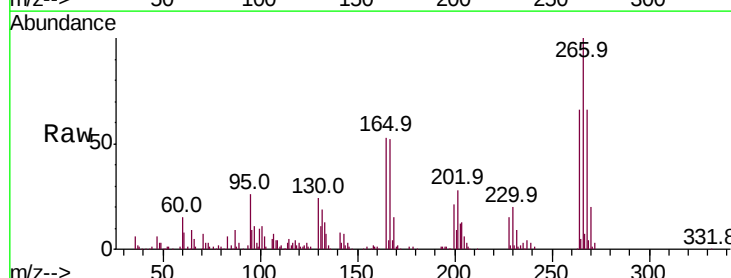
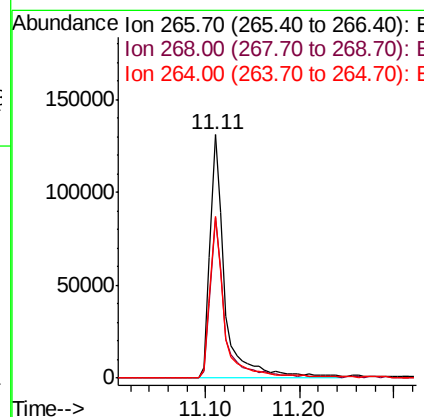
Manual Integrations
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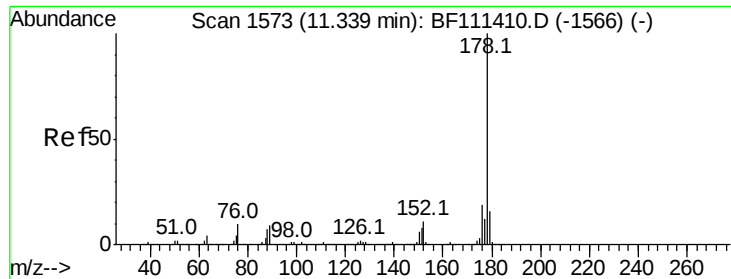
Sohil
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#70
Pentachlorophenol
Concen: 47.133 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	147530		
268	66.0		47.9	71.9
264	66.2		49.1	73.7





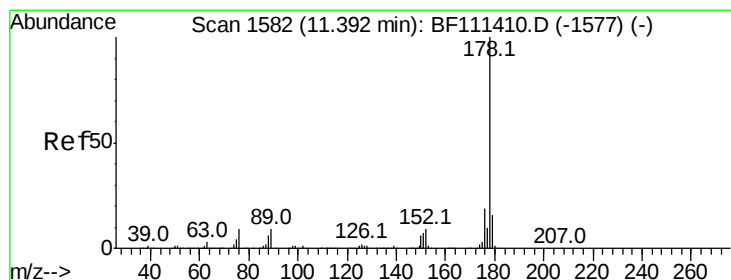
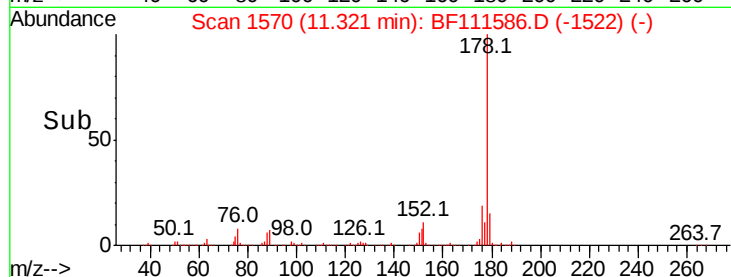
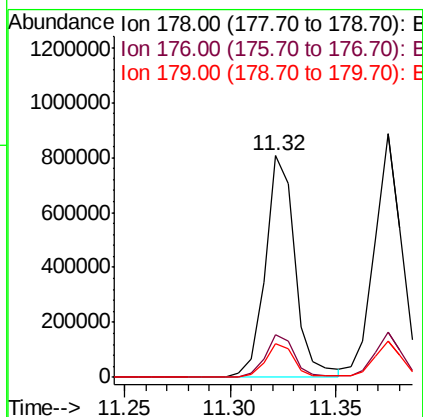
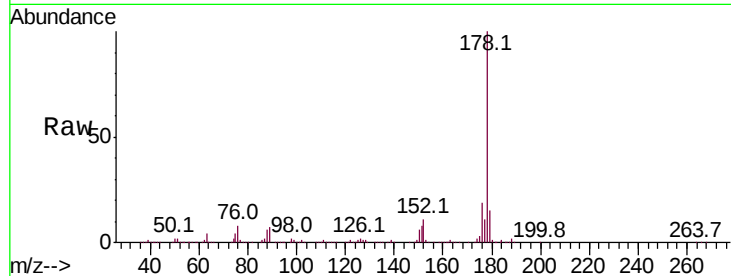
#71
Phenanthrene
Concen: 33.494 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	18.1	27.1
179	15.4	14.0	21.0

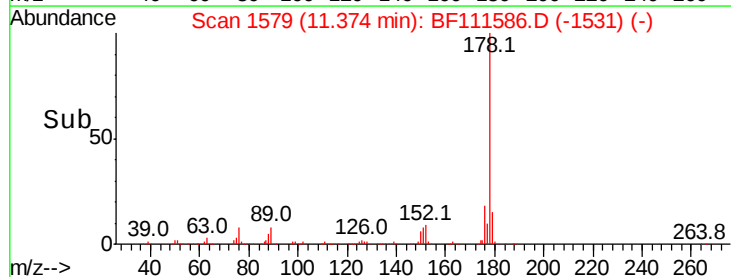
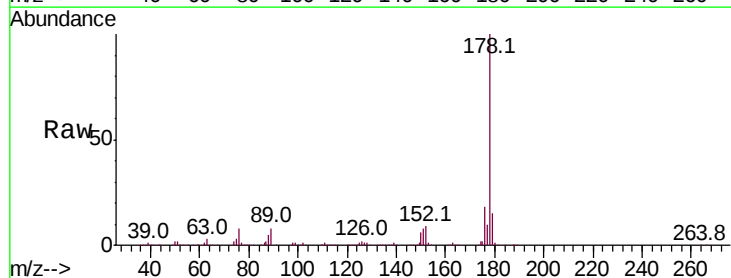
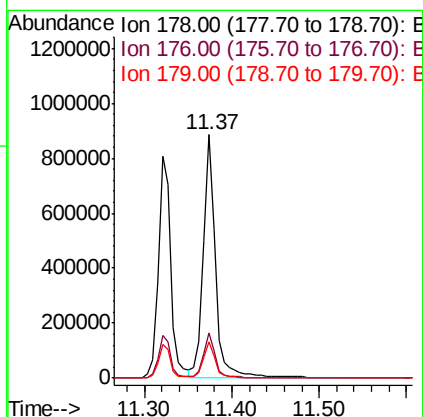
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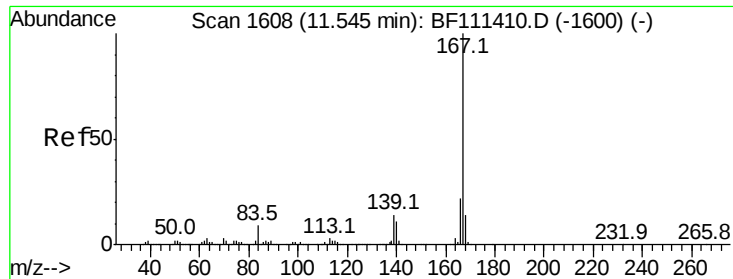
Sohil
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#72
Anthracene
Concen: 35.732 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	17.2	25.8
179	15.0	13.8	20.8





#73

Carbazole

Concen: 30.936 ng

RT: 11.53 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

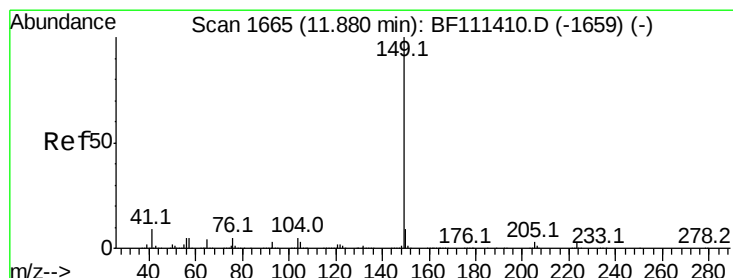
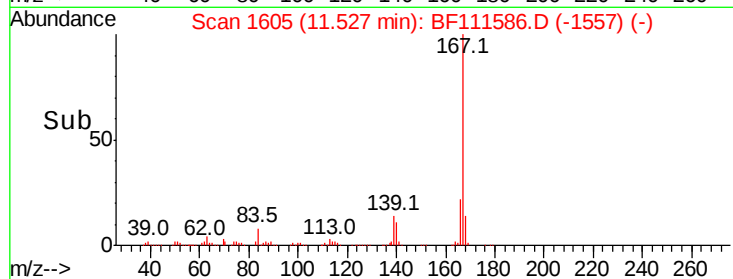
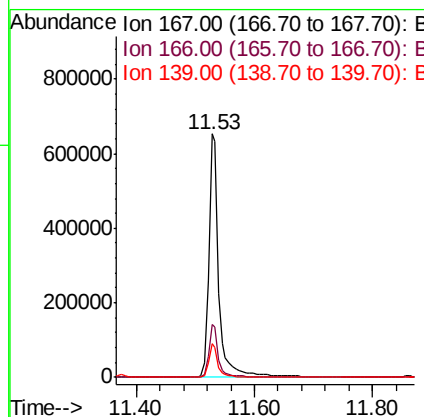
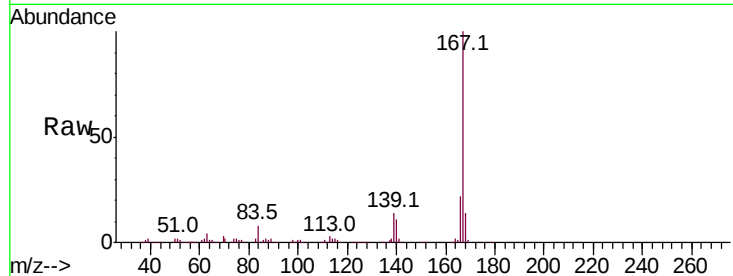
ClientSampleId :

PB115777BSD

Tot Ion:	167	Resp:	775976
Ion Ratio	Lower	Upper	
167	100		
166	21.7	19.3	28.9
139	13.6	11.9	17.9

Manual Integrations
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Sohil
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#74

Di-n-butylphthalate

Concen: 35.507 ng

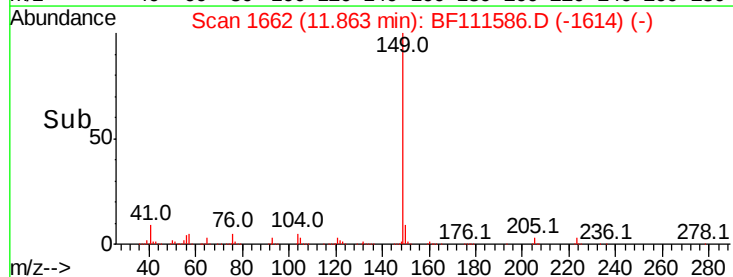
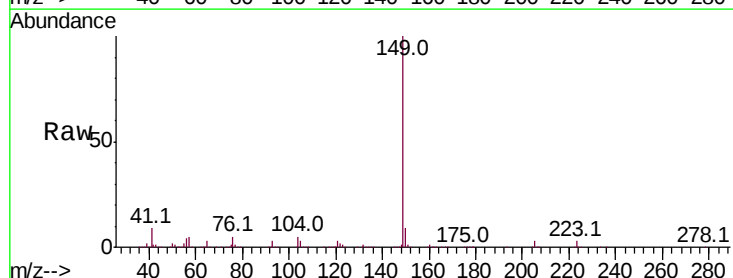
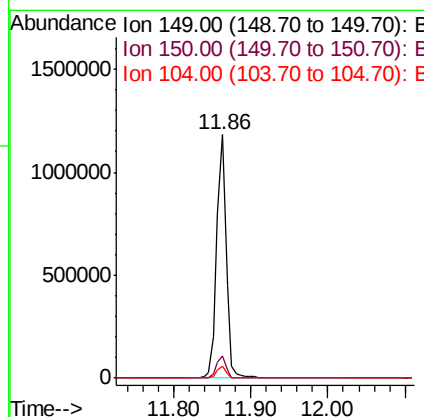
RT: 11.86 min Scan# 1662

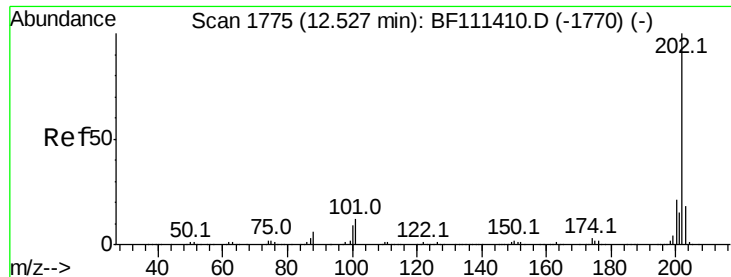
Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion:	149	Resp:	991898
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.8	13.2
104	4.9	4.5	6.7





#75

Fluoranthene

Concen: 36.041 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

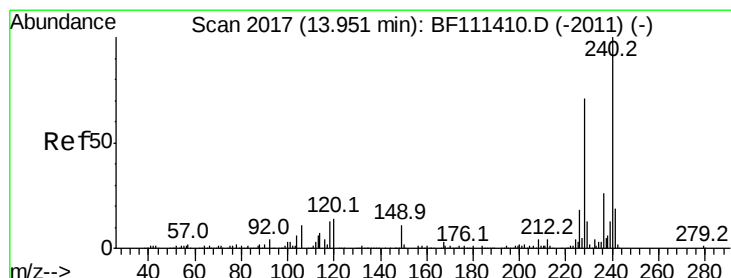
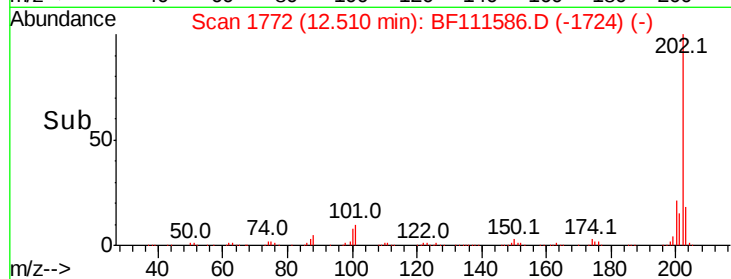
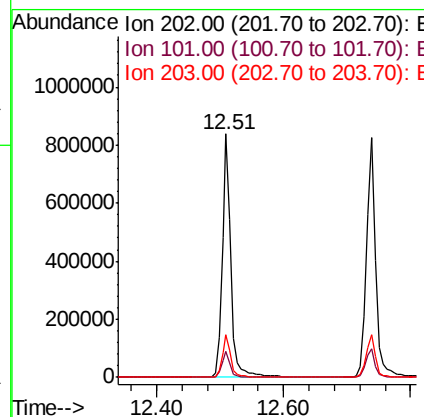
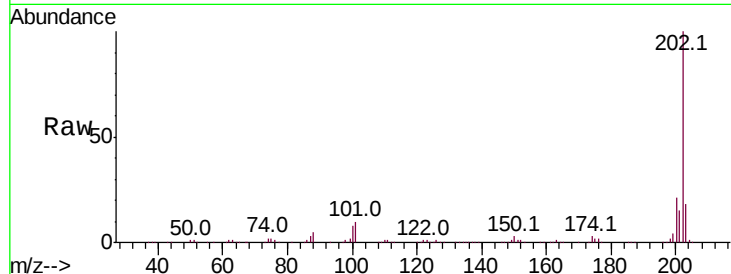
ClientSampleId :

PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	836281		
101	10.4	0.0	33.8	
203	17.7	0.0	38.6	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

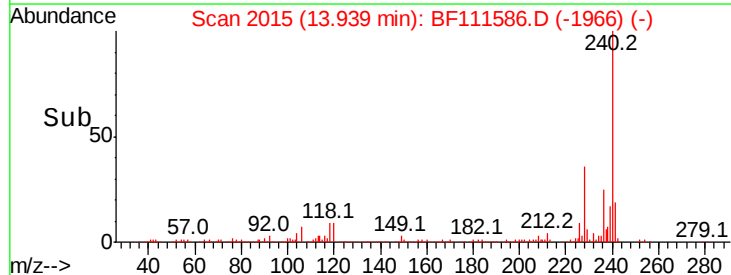
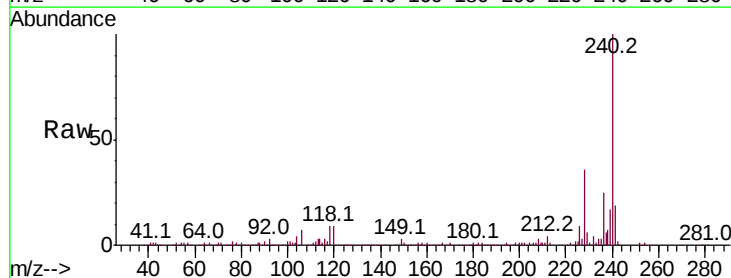
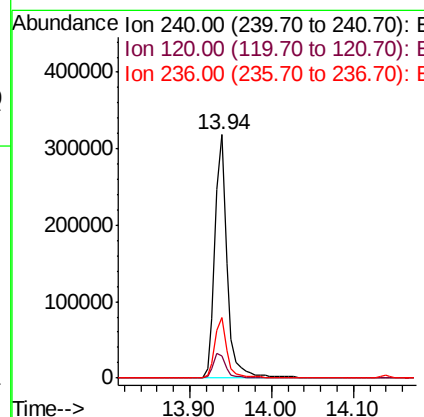
RT: 13.94 min Scan# 2015

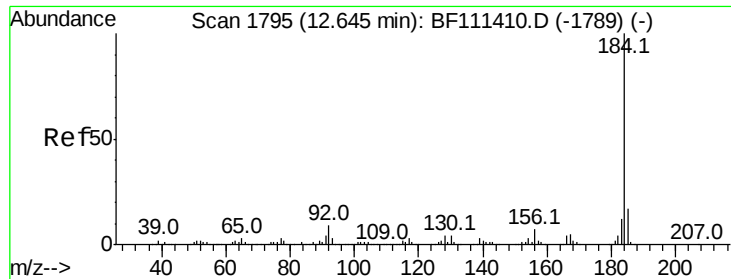
Delta R.T. -0.01 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	331400		
120	9.3	12.2	18.2#	
236	24.7	20.2	30.2	





#77

Benzidine

Concen: 16.558 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Instrument :

BNA_F

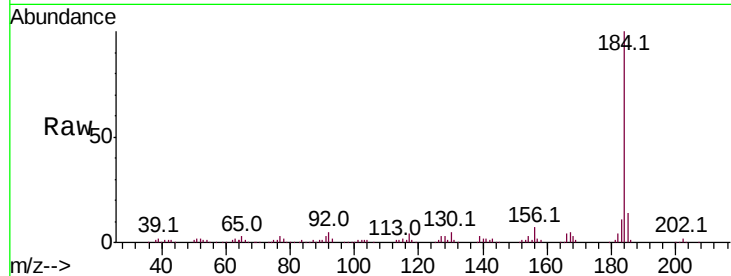
ClientSampleId :

PB115777BSD

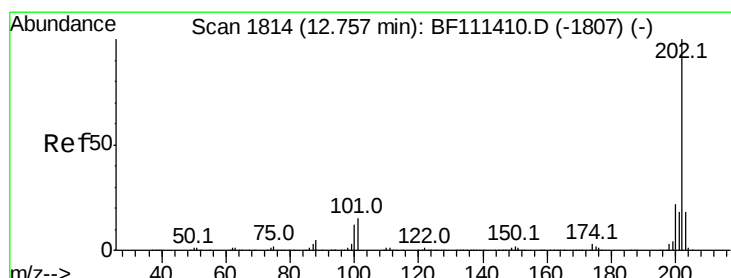
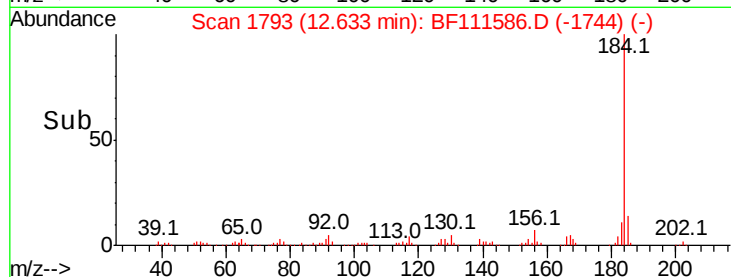
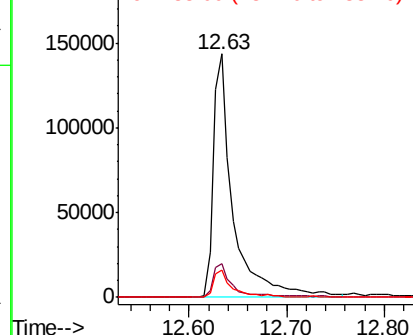
Tot Ion:	184	Resp:	201709
Ion Ratio	Lower	Upper	
184	100		
185	13.9	13.0	19.6
183	11.5	9.3	13.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.738 ng

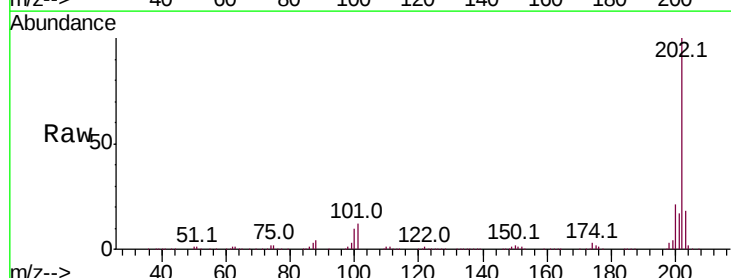
RT: 12.74 min Scan# 1811

Delta R.T. -0.02 min

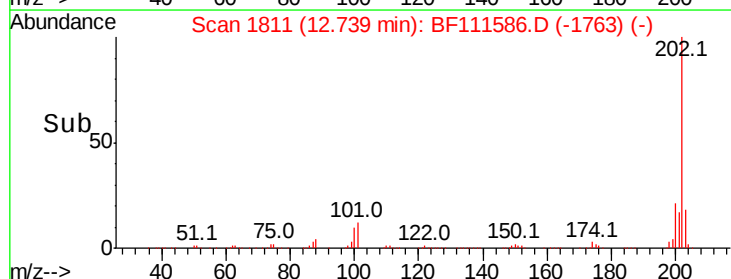
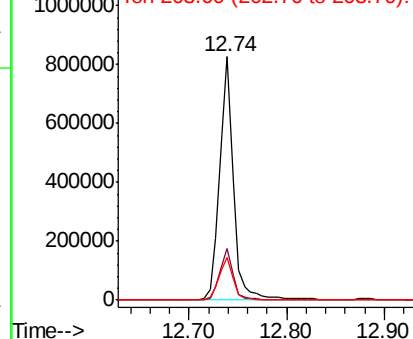
Lab File: BF111586.D

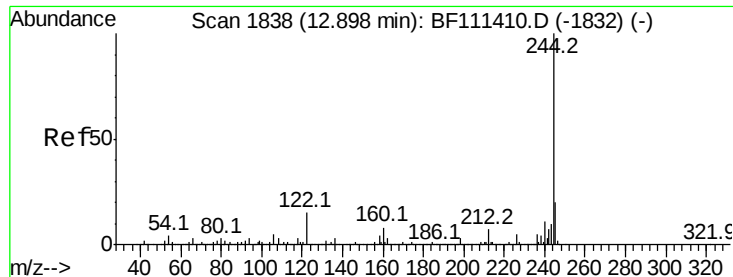
Acq: 18 Dec 2018 20:13

Tgt Ion:	202	Resp:	811658
Ion Ratio	Lower	Upper	
202	100		
200	21.4	19.0	28.4
203	17.6	15.2	22.8



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





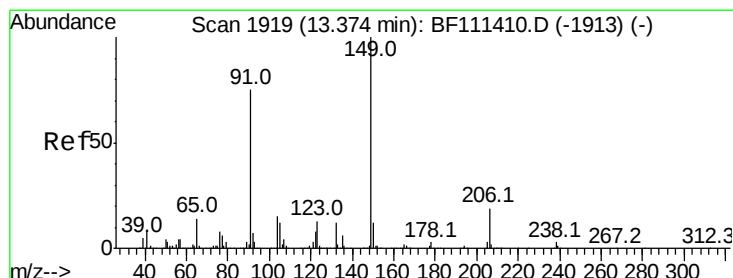
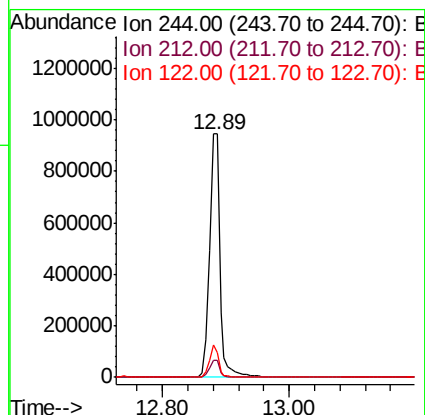
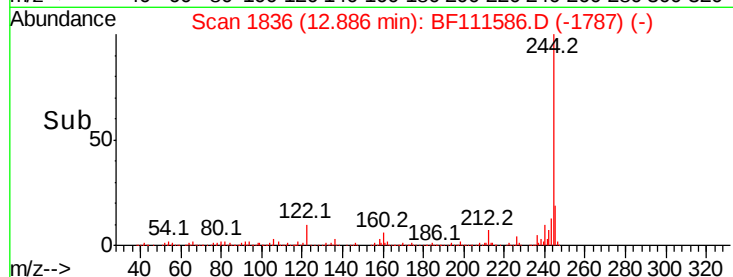
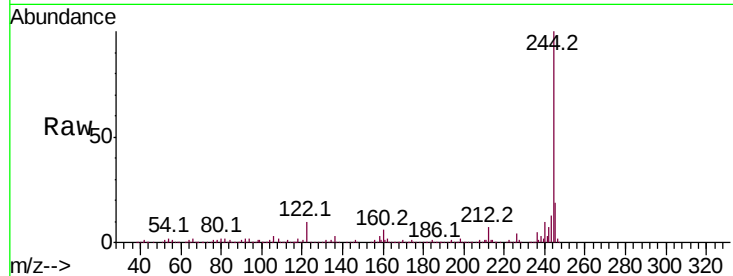
#79
 Terphenyl-d14
 Concen: 76.654 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.3	13.1	19.7

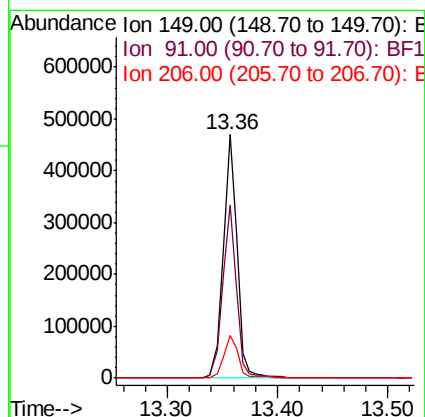
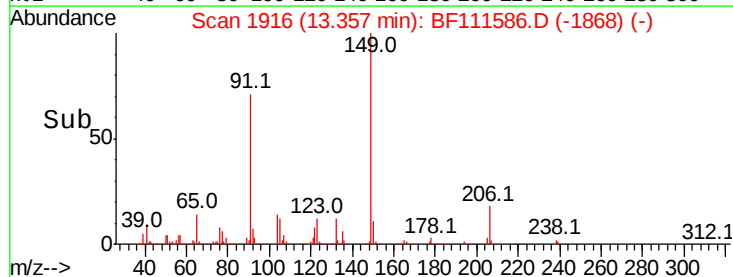
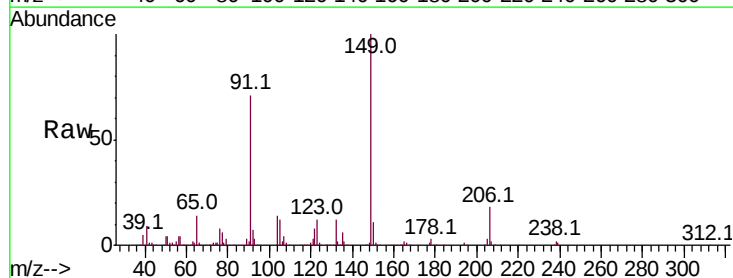
Manual Integrations
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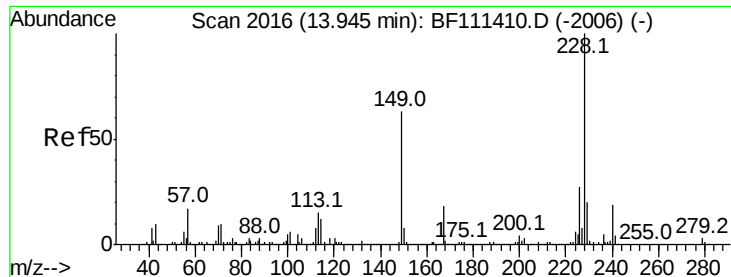
Sohil
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#80
 Butylbenzylphthalate
 Concen: 36.376 ng
 RT: 13.36 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.3	63.8	95.6
206	17.8	15.1	22.7





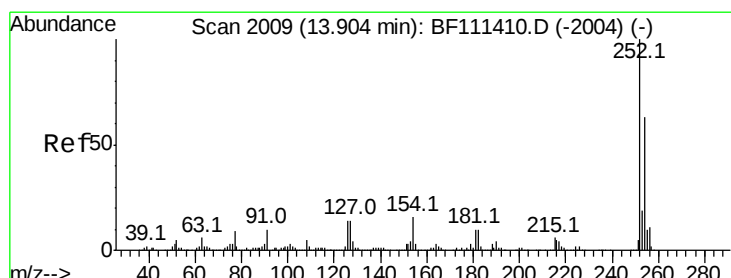
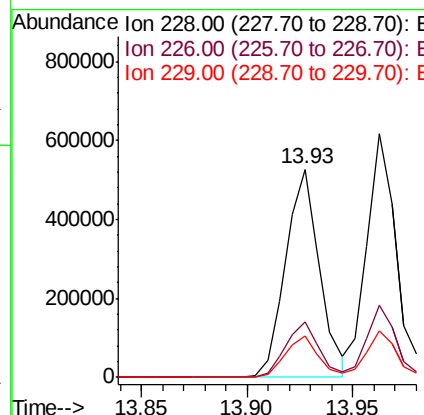
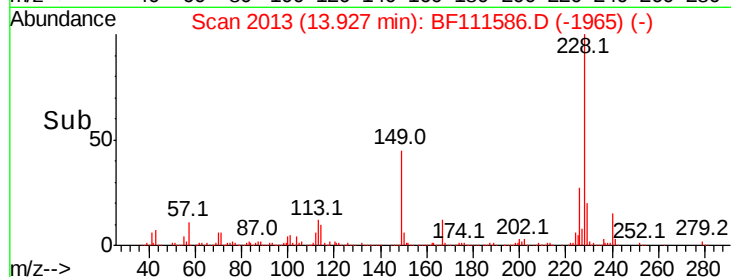
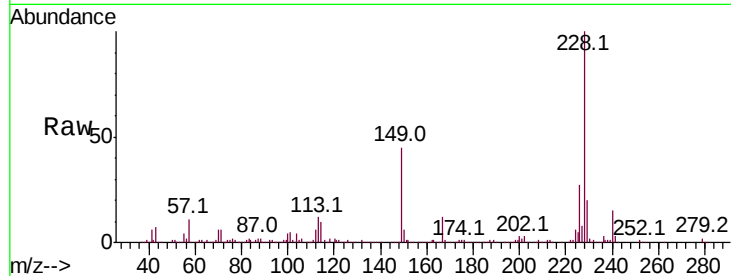
#81
Benzo(a)anthracene
Concen: 32.742 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	34.0
229	20.0	16.3	24.5

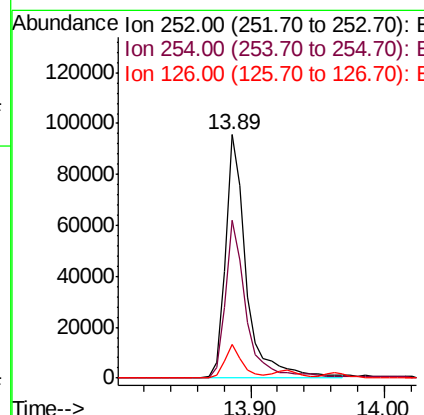
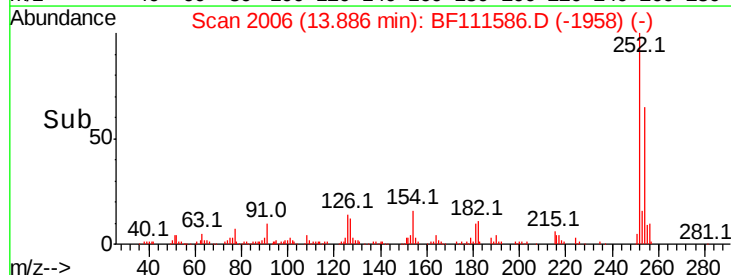
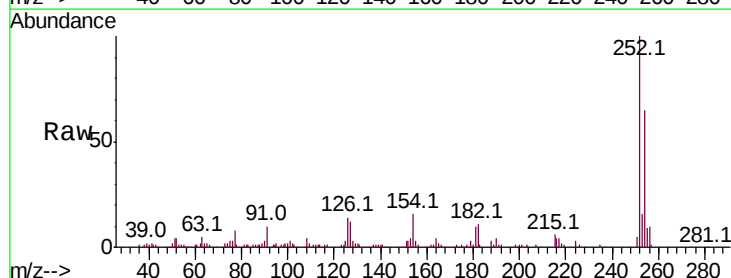
Manual Integrations
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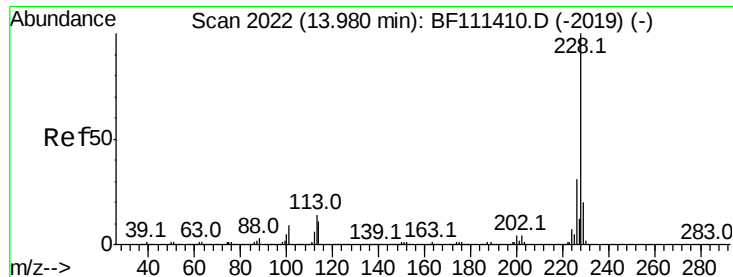
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 14.459 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.7	79.1
126	14.0	11.1	16.7





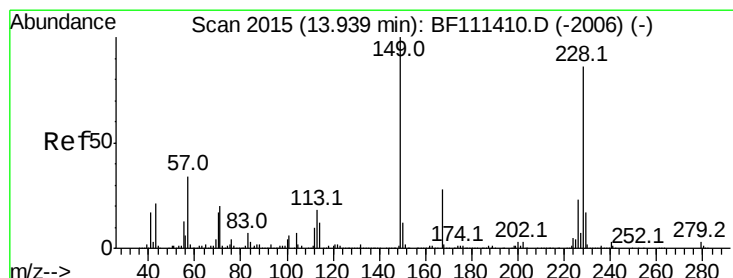
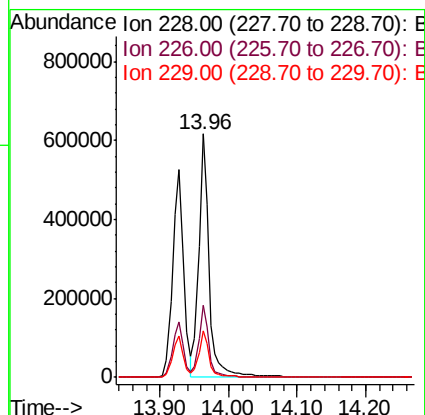
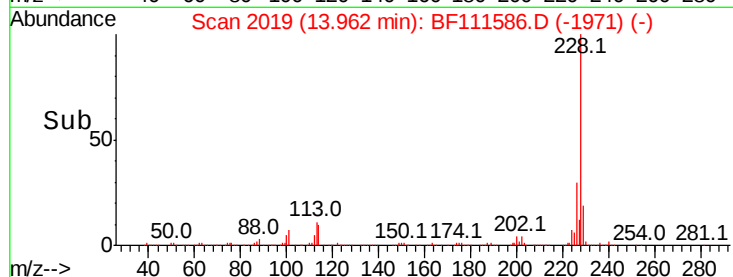
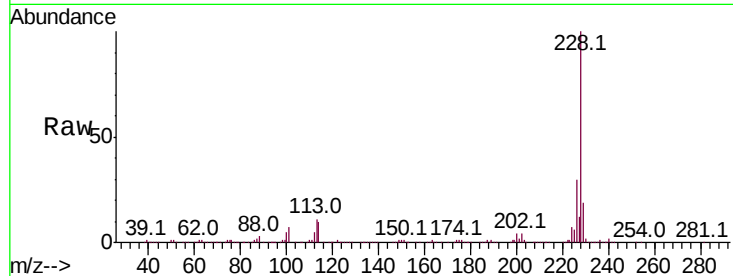
#83
 Chrysene
 Concen: 34.337 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	651802		
226	29.7	25.3	37.9	
229	19.3	17.2	25.8	

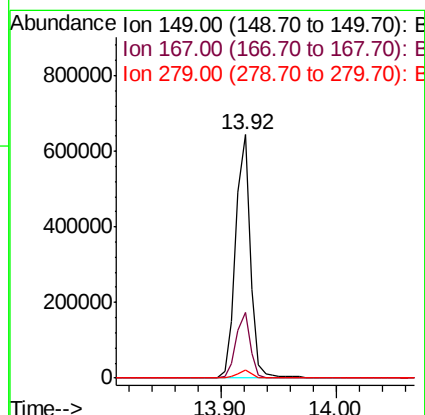
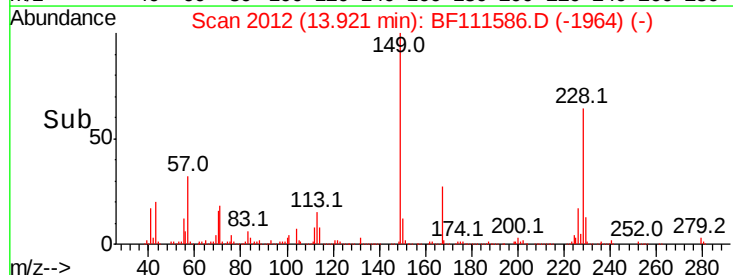
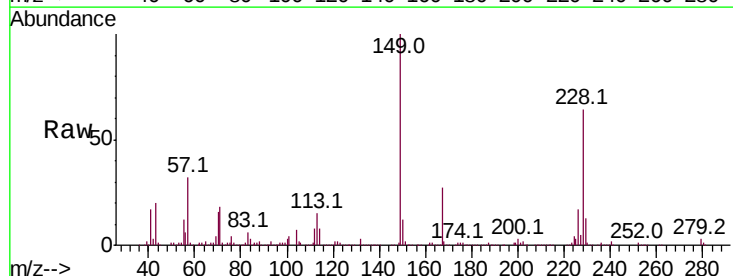
Manual Integrations
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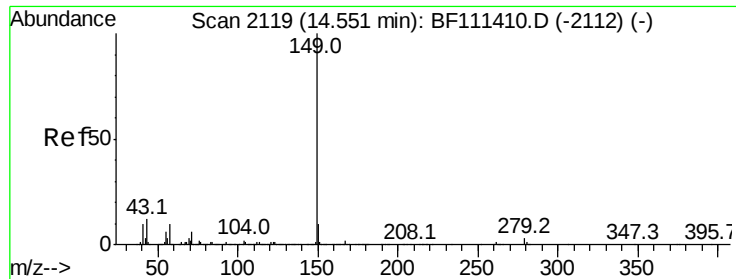
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.239 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF111586.D
 Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	570789		
167	26.8	22.5	33.7	
279	3.4	2.6	4.0	





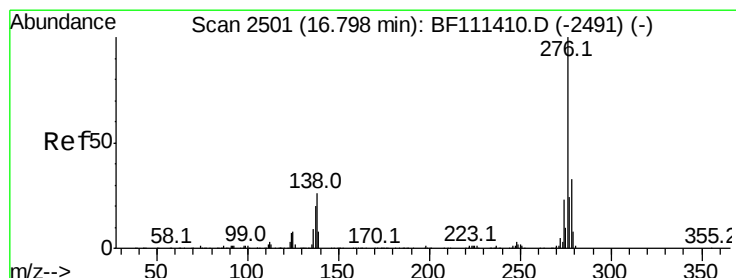
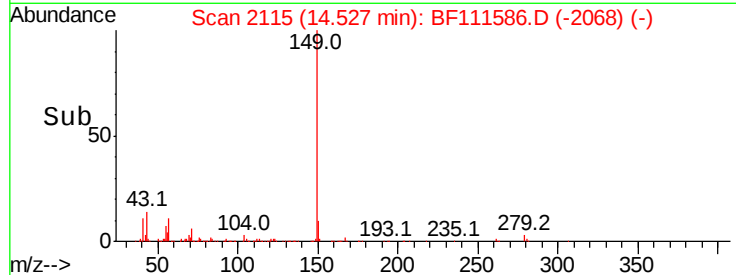
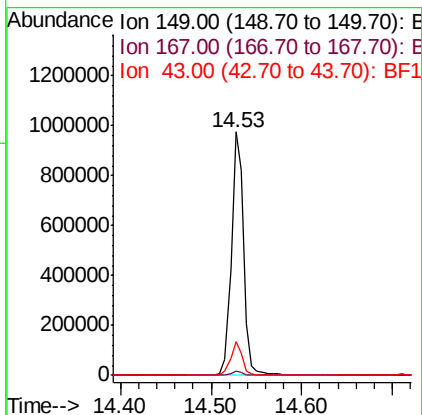
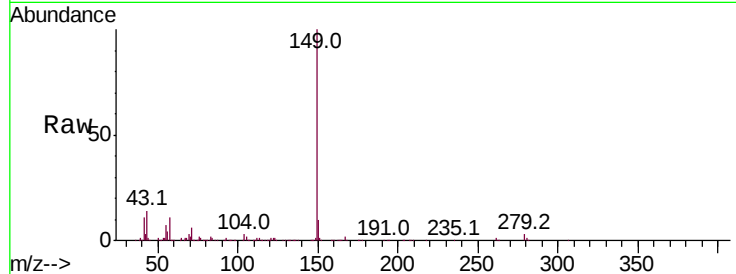
#85
Di-n-octyl phthalate
Concen: 37.365 ng
RT: 14.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	12.9	10.9	16.3	

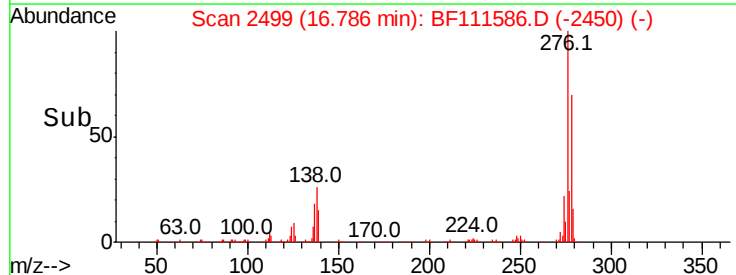
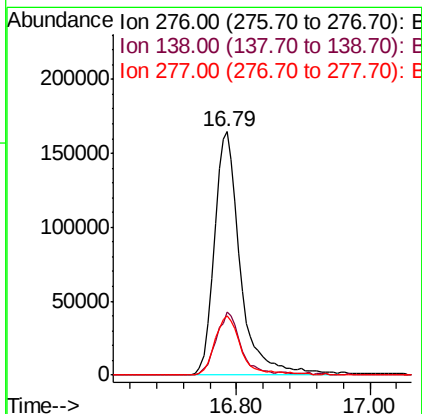
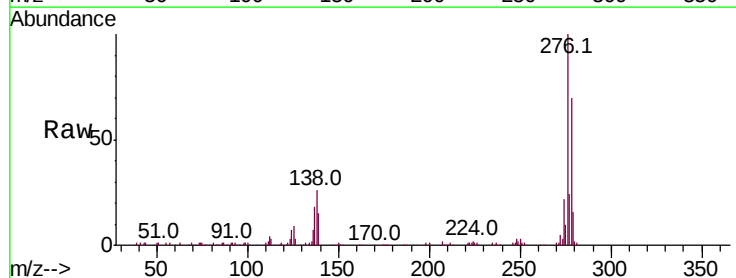
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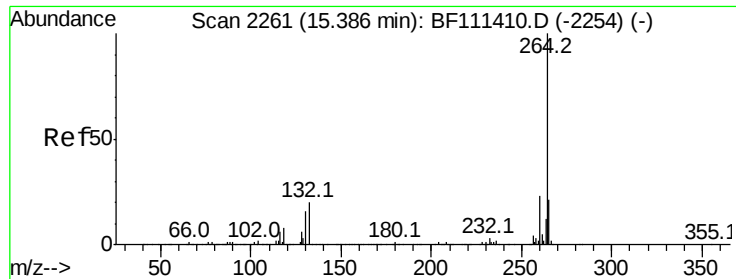
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.859 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.01 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.7	27.8	41.6#	
277	24.4	20.1	30.1	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

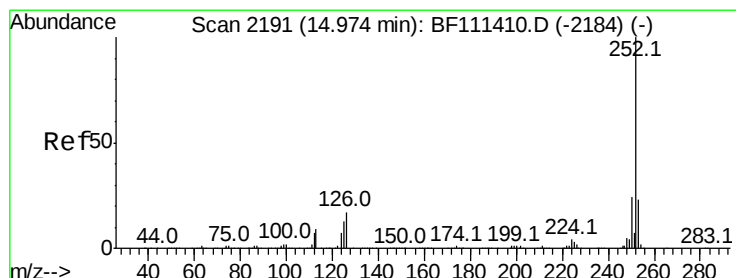
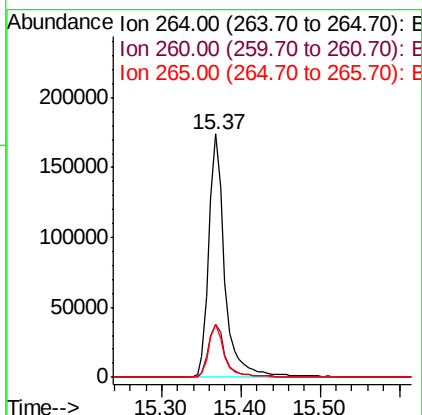
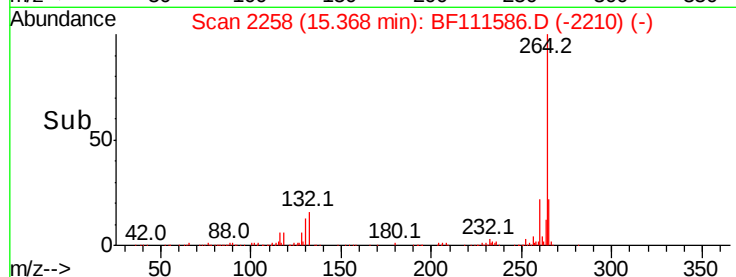
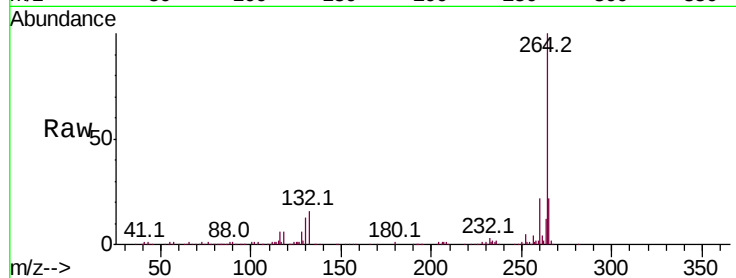
Instrument :
BNA_F

ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.3	27.5
265	21.7	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 33.624 ng

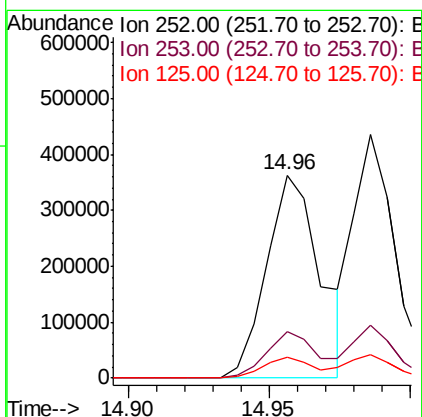
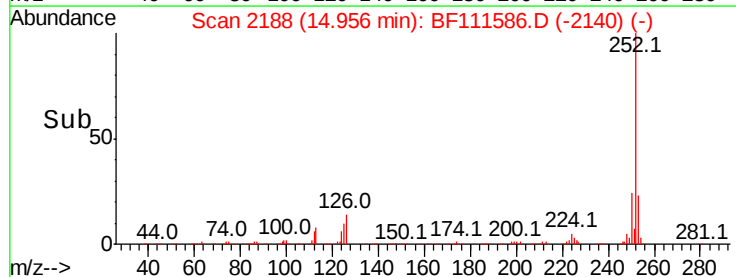
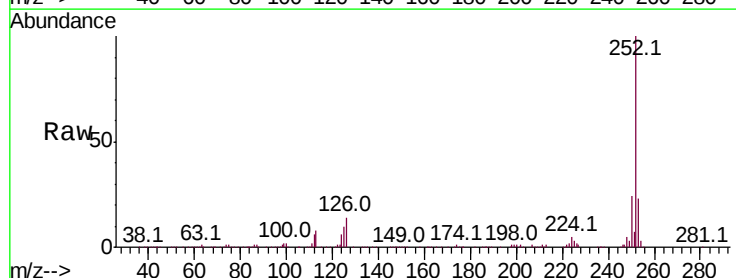
RT: 14.96 min Scan# 2188

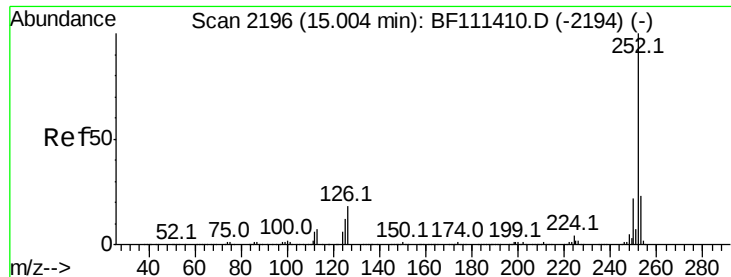
Delta R.T. -0.02 min

Lab File: BF111586.D

Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.5	10.4	15.6





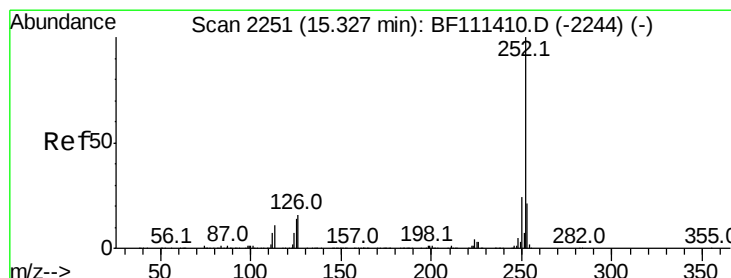
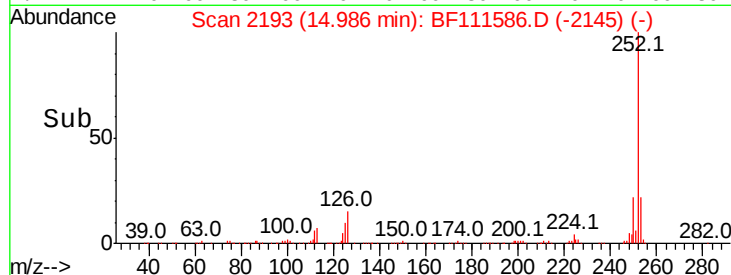
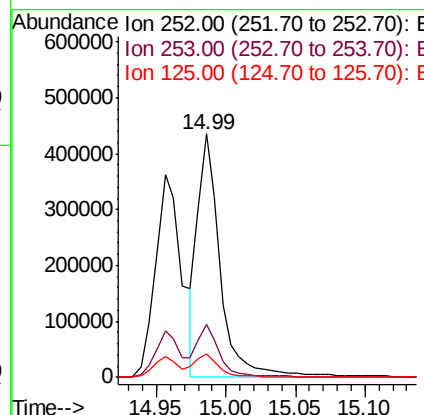
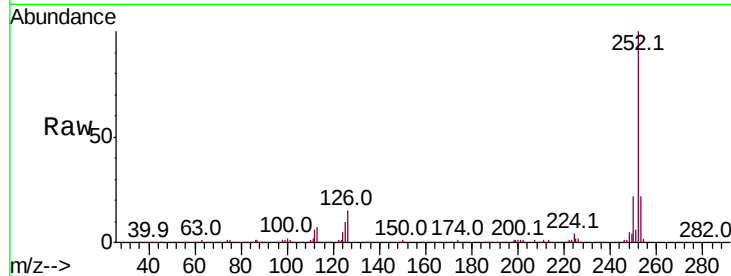
#89
Benzo(k)fluoranthene
Concen: 36.058 ng m
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	9.7	9.8	14.8

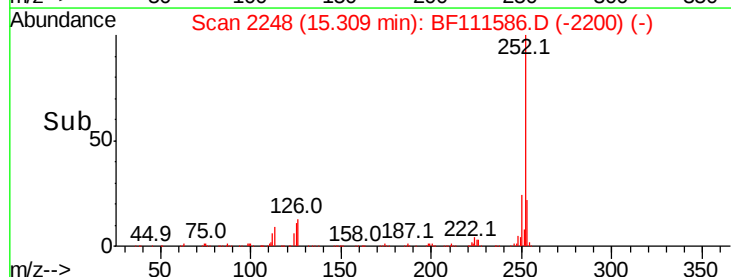
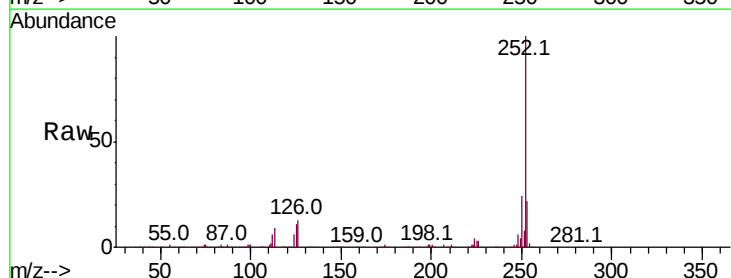
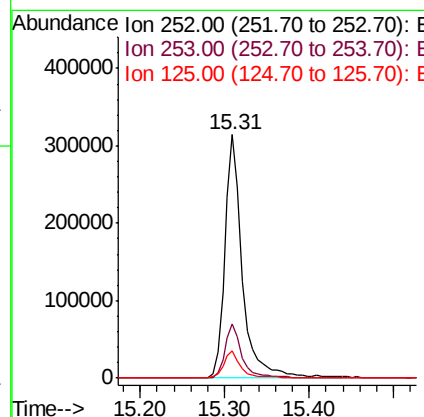
Manual Integrations
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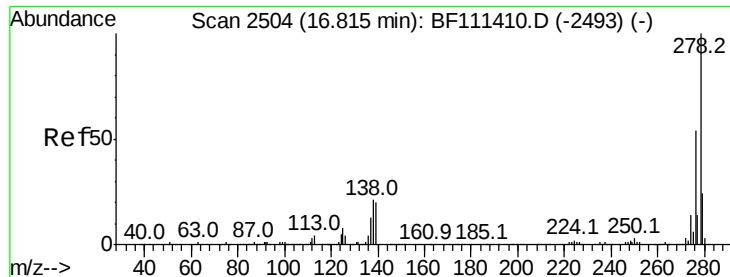
Sohil
12/19/2018 4:09:33 PM



#90
Benzo(a)pyrene
Concen: 34.998 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.4	12.3	18.5





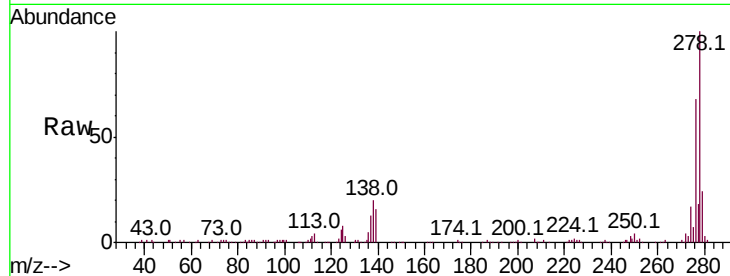
#91
Dibenzo(a,h)anthracene
Concen: 36.800 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Instrument :
BNA_F
ClientSampleId :
PB115777BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	18.2	27.4#
279	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/19/2018 4:09:33 PM

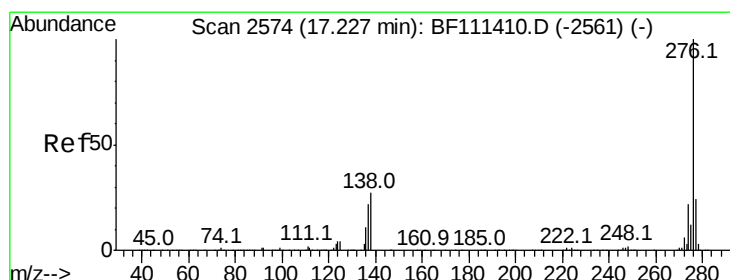
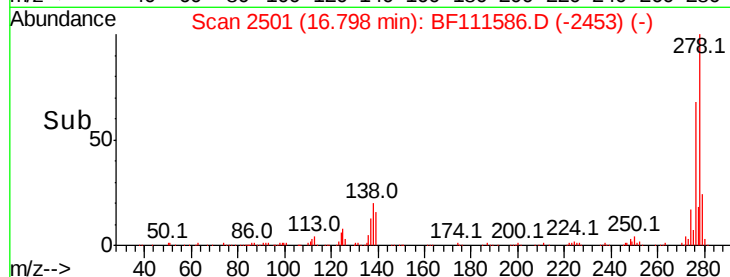
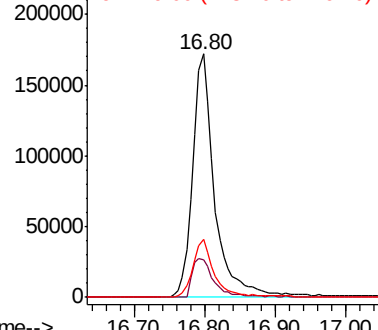


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 37.551 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BF111586.D
Acq: 18 Dec 2018 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.4	24.9	37.3#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

