

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
 Data File : BF113688.D
 Acq On : 10 Apr 2019 7:09
 Operator : JU/SJ
 Sample : K2294-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Manual Integrations
 APPROVED

Sohil
 4/10/2019 6:20:44 PM

Quant Time: Apr 10 07:58:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	93268	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	343843	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	158720	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	292037	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	237456	20.00	ng	-0.02
87) Perylene-d12	15.23	264	242508	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	692982	126.70	ng	0.00
7) Phenol-d6	6.33	99	814083	120.76	ng	0.00
23) Nitrobenzene-d5	7.25	82	549485	93.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	263908	138.42	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1038460	105.33	ng	-0.02
79) Terphenyl-d14	12.77	244	1000734	85.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	101538	39.196	ng	97
3) Pyridine	3.12	79	190034	28.031	ng	98
4) n-Nitrosodimethylamine	3.02	42	114243	39.662	ng	94
6) Aniline	6.35	93	72187	8.834	ng	# 30
8) 2-Chlorophenol	6.47	128	267818	42.322	ng	99
9) Benzaldehyde	6.23	77	108597	27.093	ng	98
10) Phenol	6.35	94	273536	35.528	ng	# 79
11) bis(2-Chloroethyl)ether	6.42	93	252557	42.170	ng	99
12) 1,3-Dichlorobenzene	6.62	146	264058	38.747	ng	99
13) 1,4-Dichlorobenzene	6.69	146	274157	39.810	ng	100
14) 1,2-Dichlorobenzene	6.85	146	258752	41.625	ng	97
15) Benzyl Alcohol	6.91	79	67643m	14.840	ng	
16) 2,2'-oxybis(1-Chloropropan	6.96	45	390439	41.883	ng	63
17) 2-Methylphenol	6.96	107	241923	49.331	ng	# 83
18) Hexachloroethane	7.19	117	88848	35.445	ng	94
19) n-Nitroso-di-n-propylamine	7.10	70	182518	43.907	ng	99
20) 3+4-Methylphenols	7.12	107	283301	47.677	ng	92
22) Acetophenone	7.09	105	359899	47.657	ng	# 96
24) Nitrobenzene	7.26	77	267668	44.277	ng	97
25) Isophorone	7.50	82	495428	43.812	ng	98
26) 2-Nitrophenol	7.58	139	137928	42.393	ng	99
27) 2,4-Dimethylphenol	7.63	122	231479	49.766	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	317521	44.414	ng	100
29) 2,4-Dichlorophenol	7.84	162	226202	45.453	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	237668	43.977	ng	98
31) Naphthalene	7.98	128	767731	46.082	ng	99
32) Benzoic acid	7.76	122	44835	12.448	ng	99
33) 4-Chloroaniline	8.05	127	53756	8.137	ng	97
34) Hexachlorobutadiene	8.10	225	139760	42.417	ng	99
35) Caprolactam	8.40	113	54645m	34.591	ng	
36) 4-Chloro-3-methylphenol	8.54	107	224187	44.875	ng	98
37) 2-Methylnaphthalene	8.67	142	514523	46.957	ng	98
38) 1-Methylnaphthalene	8.77	142	480704	45.497	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	246598	48.040	ng	99

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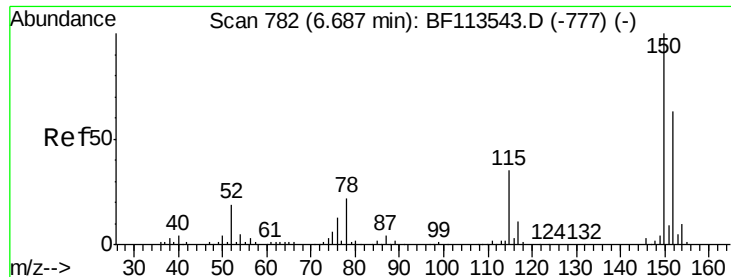
Manual Integrations
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 4/10/2019 6:20:44 PM

Quant Time: Apr 10 07:58:39 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	33108	28.716	ng	97
43) 2,4,6-Trichlorophenol	8.96	196	141690	43.729	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	166782	47.945	ng	98
46) 1,1'-Biphenyl	9.13	154	631674	48.229	ng	99
47) 2-Chloronaphthalene	9.16	162	468084	47.202	ng	97
48) 2-Nitroaniline	9.26	65	142401	46.930	ng	99
49) Acenaphthylene	9.57	152	744033	46.141	ng	99
50) Dimethylphthalate	9.43	163	546346	46.697	ng	99
51) 2,6-Dinitrotoluene	9.50	165	117470	45.549	ng	98
52) Acenaphthene	9.75	154	430943	46.686	ng	99
53) 3-Nitroaniline	9.67	138	45346	15.465	ng	92
54) 2,4-Dinitrophenol	9.82	184	23652	19.603	ng	92
55) Dibenzofuran	9.92	168	654924	48.368	ng	99
56) 4-Nitrophenol	9.87	139	74766	41.106	ng	92
57) 2,4-Dinitrotoluene	9.92	165	145751	46.729	ng	# 86
58) Fluorene	10.26	166	508942	47.523	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	153886	51.107	ng	90
60) Diethylphthalate	10.13	149	539961	47.868	ng	99
61) 4-Chlorophenyl-phenylether	10.25	204	259624	49.287	ng	96
62) 4-Nitroaniline	10.29	138	105410	35.353	ng	98
63) Azobenzene	10.41	77	490575	45.931	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	19931	12.964	ng	89
66) n-Nitrosodiphenylamine	10.37	169	457977	51.083	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	160313	48.946	ng	99
68) Hexachlorobenzene	10.81	284	176967	47.154	ng	# 94
69) Atrazine	10.90	200	140817	49.832	ng	96
70) Pentachlorophenol	11.03	266	88806	50.218	ng	95
71) Phenanthrene	11.22	178	701767	48.359	ng	99
72) Anthracene	11.27	178	725107	49.112	ng	99
73) Carbazole	11.43	167	664160	48.097	ng	98
74) Di-n-butylphthalate	11.75	149	825828	50.273	ng	100
75) Fluoranthene	12.40	202	714776	45.966	ng	100
77) Benzidine	12.53	184	52279	5.920	ng	96
78) Pyrene	12.63	202	716559	39.660	ng	99
80) Butylbenzylphthalate	13.24	149	312232	42.454	ng	98
81) Benzo(a)anthracene	13.82	228	612940	44.747	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	100882	19.121	ng	99
83) Chrysene	13.85	228	628630	45.272	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	429783	48.333	ng	# 97
85) Di-n-octyl phthalate	14.41	149	740592	51.237	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	595169	46.424	ng	98
88) Benzo(b)fluoranthene	14.83	252	709930	47.824	ng	99
89) Benzo(k)fluoranthene	14.86	252	607008	45.562	ng	99
90) Benzo(a)pyrene	15.17	252	622465	47.189	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	520039	42.158	ng	98
92) Benzo(g,h,i)perylene	17.00	276	479451	38.080	ng	99

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



#1

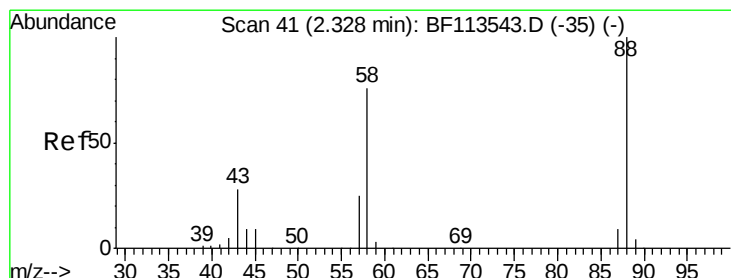
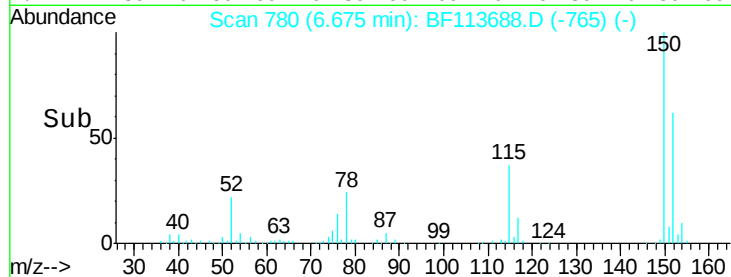
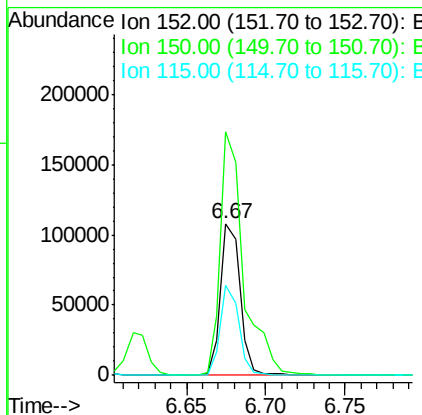
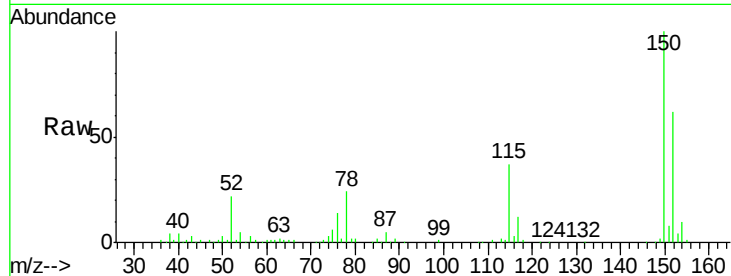
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.7	187.1
115	59.3	46.0	69.0

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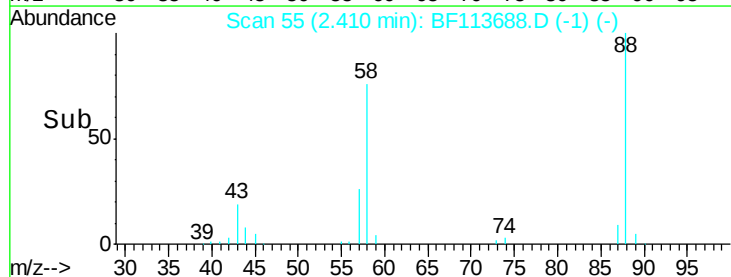
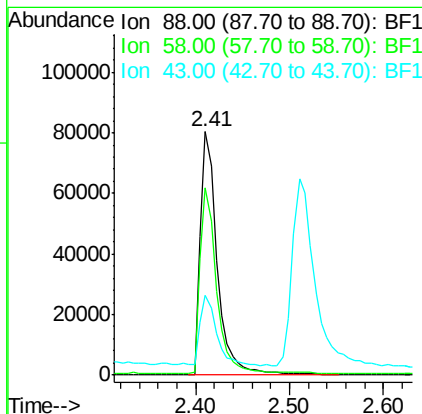
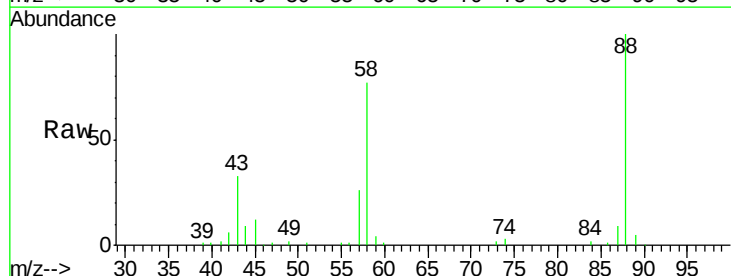
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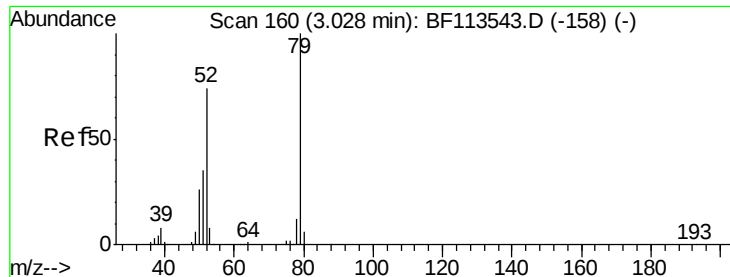


#2

1,4-Dioxane
Concen: 39.196 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.08 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	61.9	92.9
43	28.7	24.2	36.4





#3

Pyridine

Concen: 28.031 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.09 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

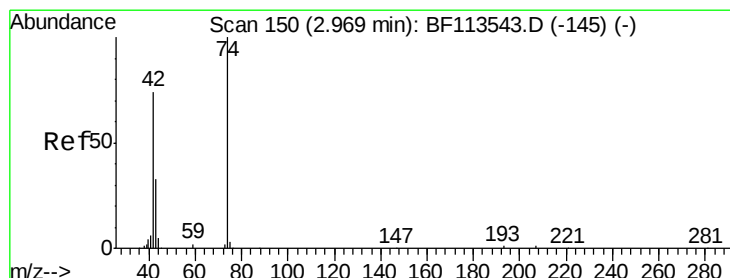
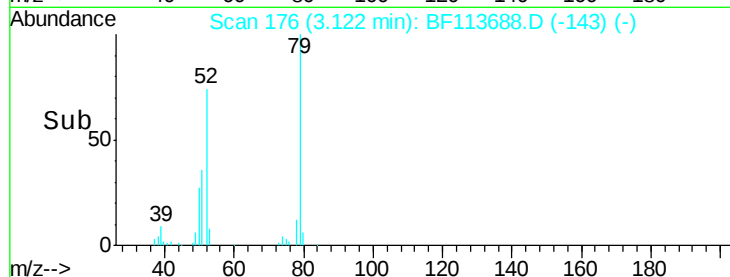
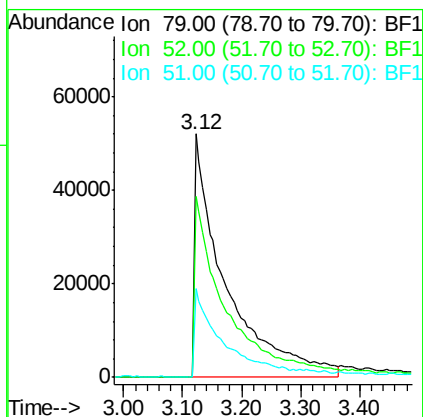
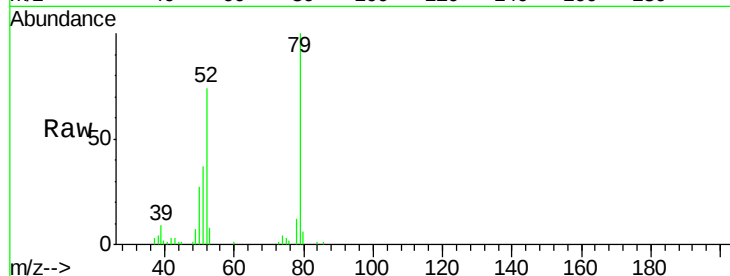
ClientSampleId :

TP-14-SMSD

Tgt Ion:	79	Resp:	190034
Ion Ratio	Lower	Upper	
79	100		
52	74.4	61.0	91.4
51	36.7	30.6	45.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.662 ng

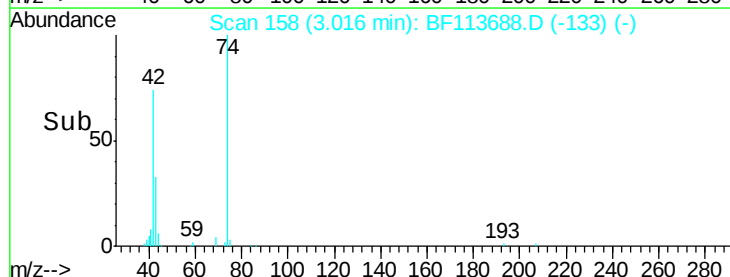
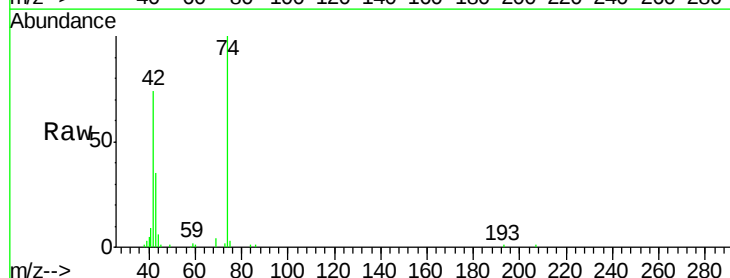
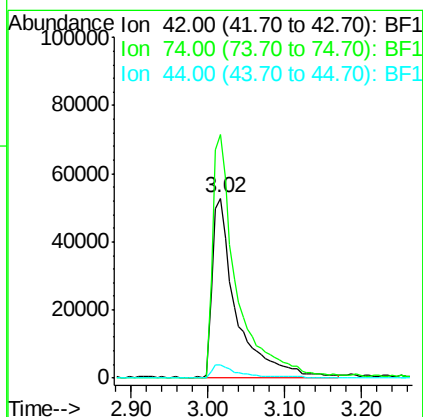
RT: 3.02 min Scan# 158

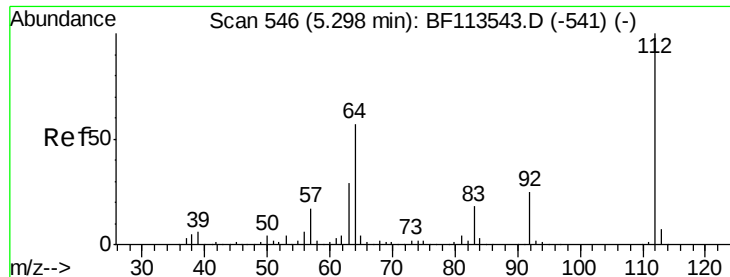
Delta R.T. 0.05 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion:	42	Resp:	114243
Ion Ratio	Lower	Upper	
42	100		
74	135.2	102.4	153.6
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 126.699 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

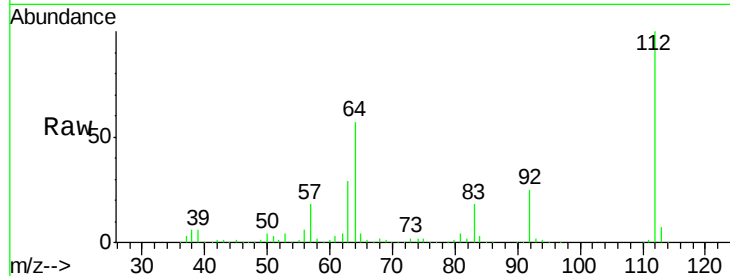
ClientSampleId :

TP-14-SMSD

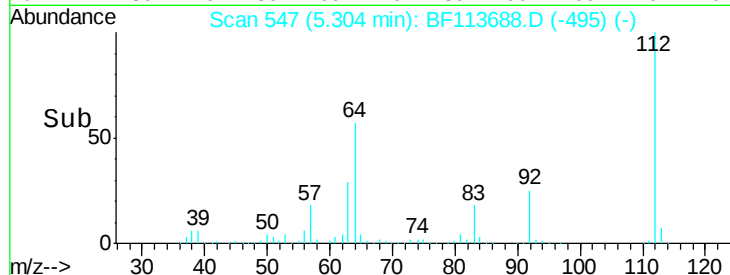
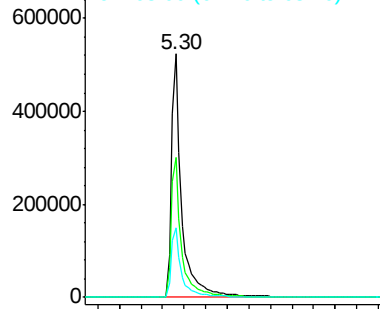
Tgt Ion:	112	Resp:	692982
Ion Ratio	Lower	Upper	
112	100		
64	57.4	49.2	73.8
63	28.7	24.9	37.3

Manual Integrations
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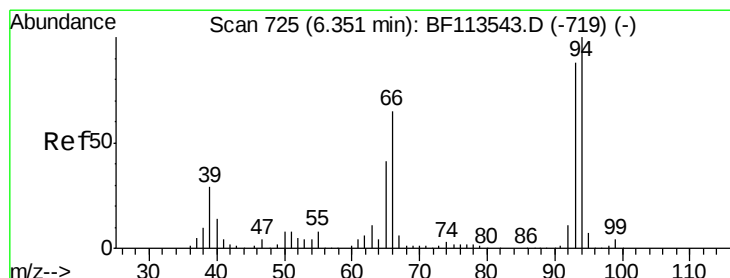
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Abundance Ion 112.00 (111.70 to 112.70): BF113543.D (-541) (-)



Time-->



#6

Aniline

Concen: 8.834 ng

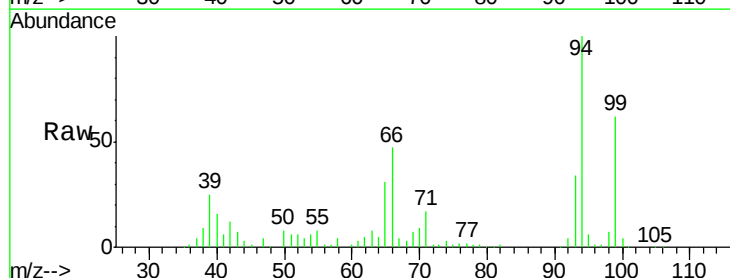
RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

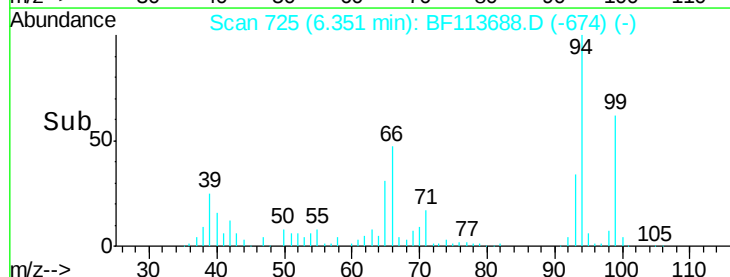
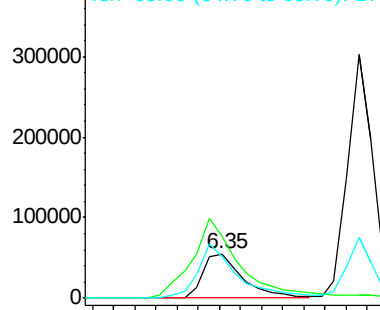
Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

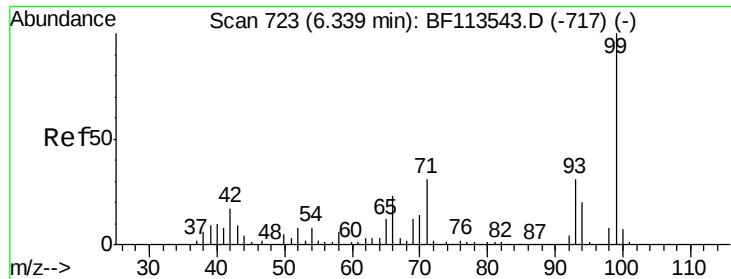
Tgt Ion:	93	Resp:	72187
Ion Ratio	Lower	Upper	
93	100		
66	140.8	62.1	93.1#
65	93.3	38.7	58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF113543.D (-719) (-)



Time-->



#7

Phenol-d6

Concen: 120.762 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

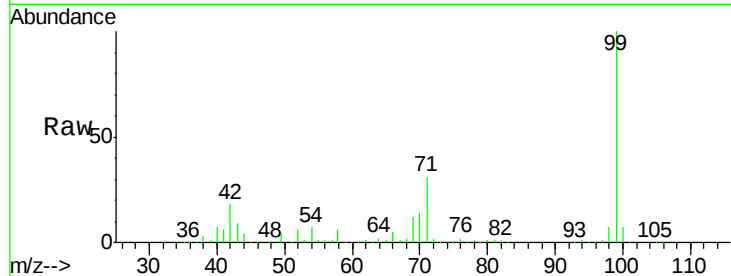
ClientSampled :

TP-14-SMSD

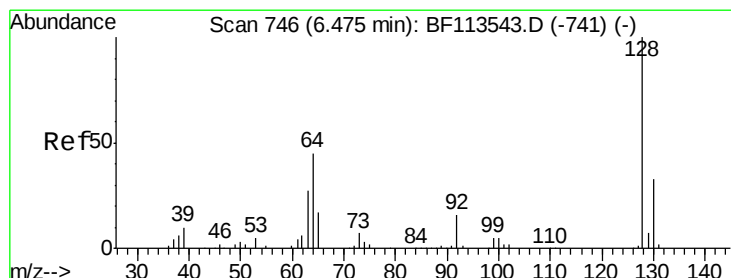
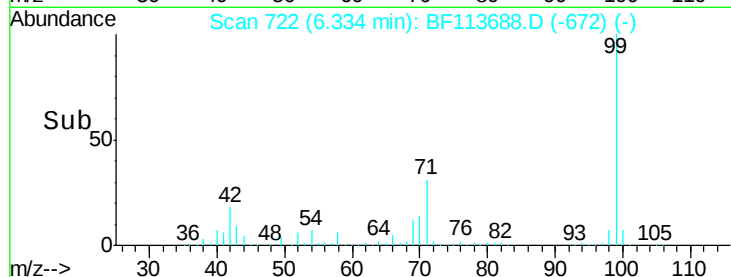
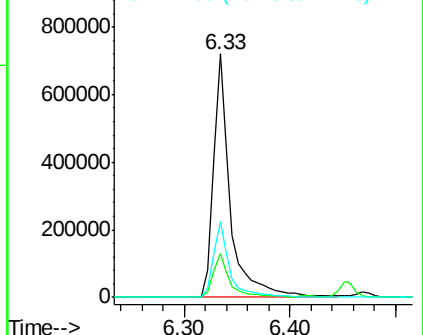
Tgt Ion:	99	Resp:	814083
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.8	22.2
71	31.1	24.9	37.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.322 ng

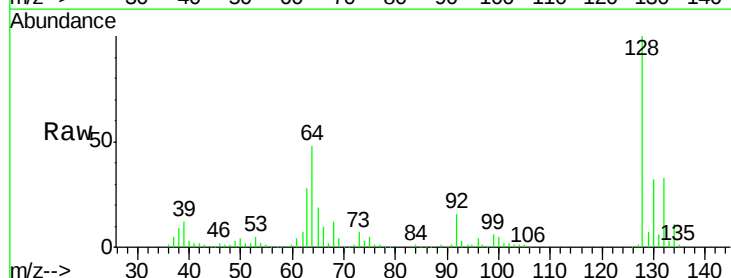
RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

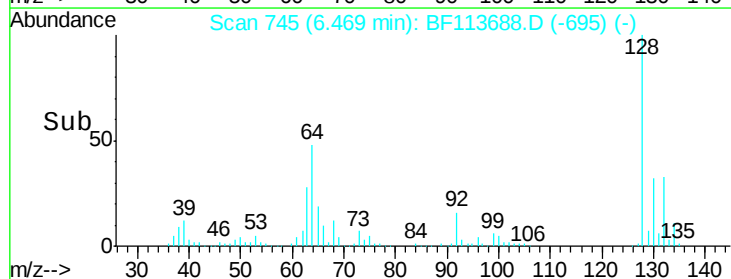
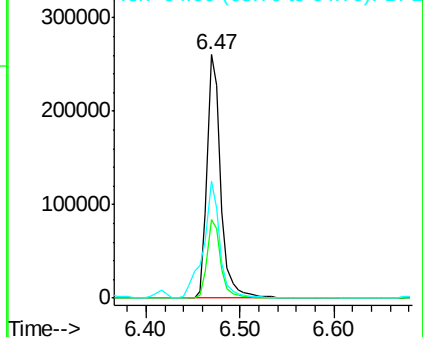
Lab File: BF113688.D

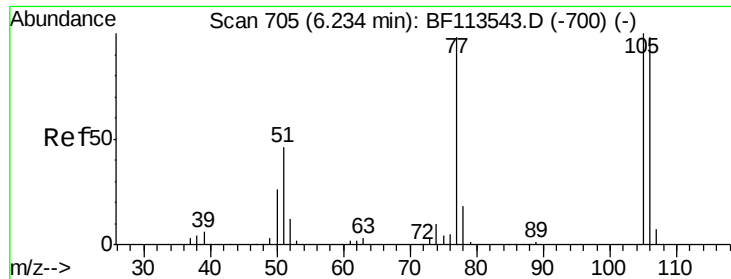
Acq: 10 Apr 2019 7:09

Tgt Ion:	128	Resp:	267818
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.6	52.6
64	48.1	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.093 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

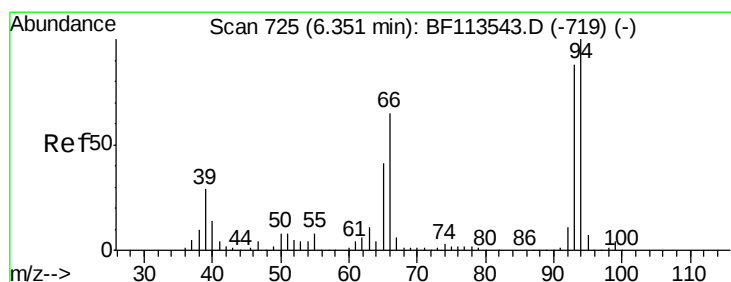
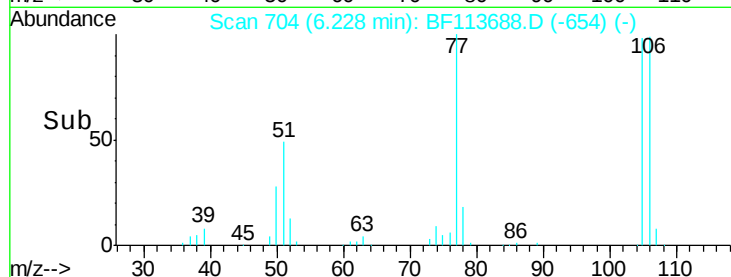
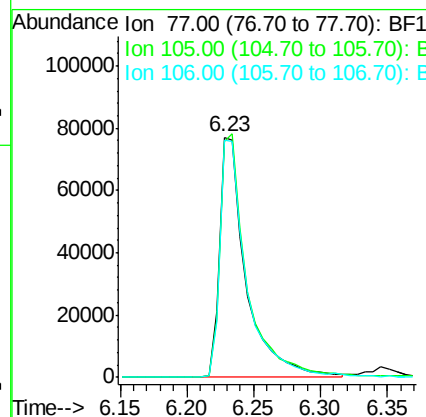
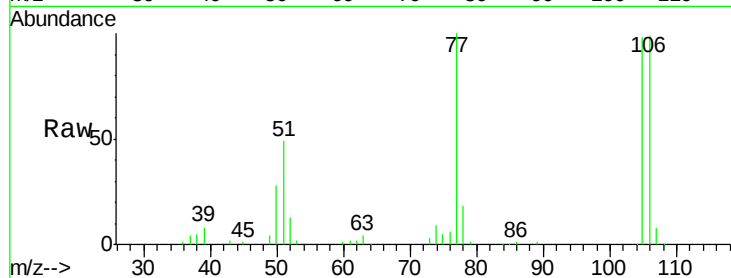
ClientSampleId :

TP-14-SMSD

Tgt Ion:	77	Resp:	108597
Ion Ratio	Lower	Upper	
77	100		
105	98.4	80.9	120.9
106	98.7	77.8	117.8

Manual Integrations
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#10

Phenol

Concen: 35.528 ng

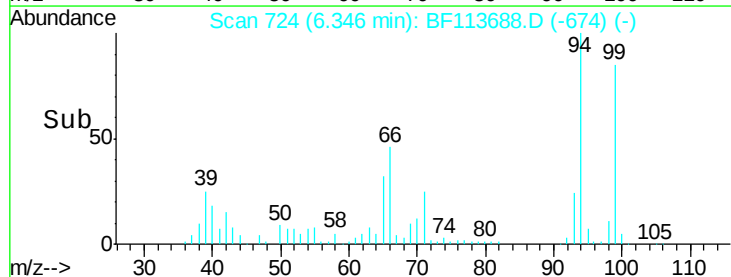
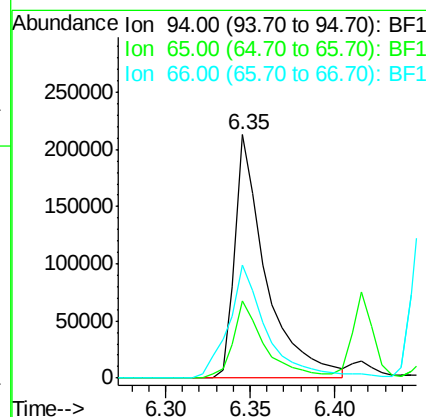
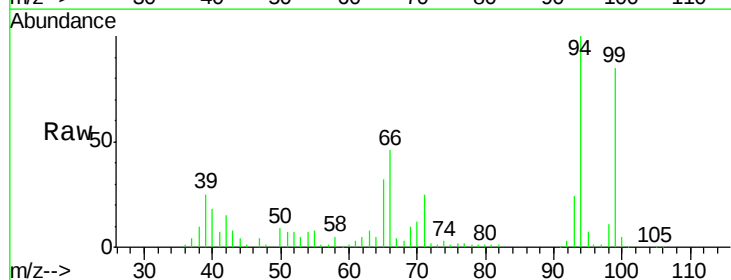
RT: 6.35 min Scan# 724

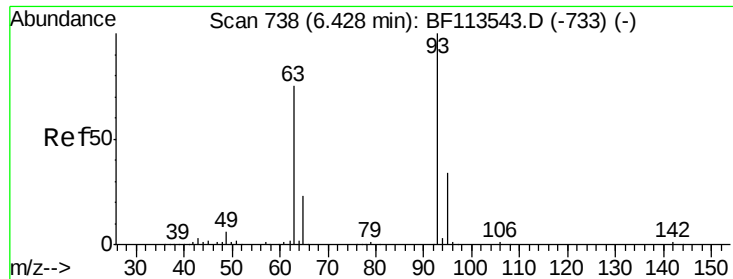
Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion:	94	Resp:	273536
Ion Ratio	Lower	Upper	
94	100		
65	31.9	21.4	61.4
66	46.3	46.4	86.4#





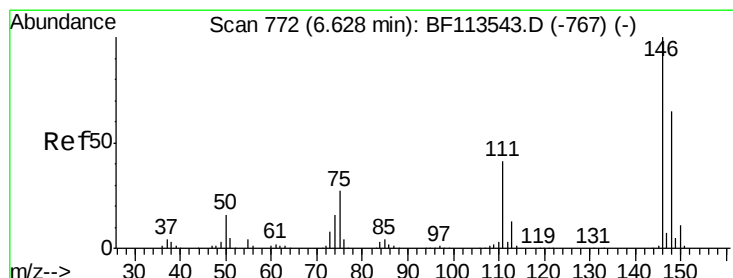
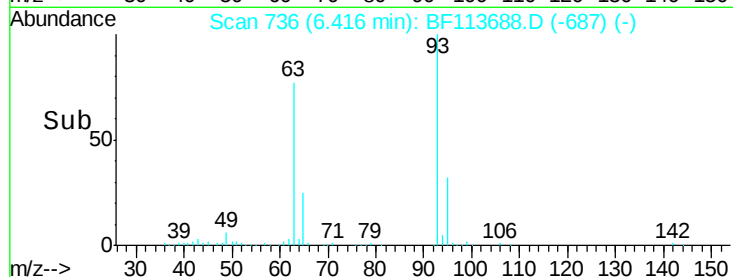
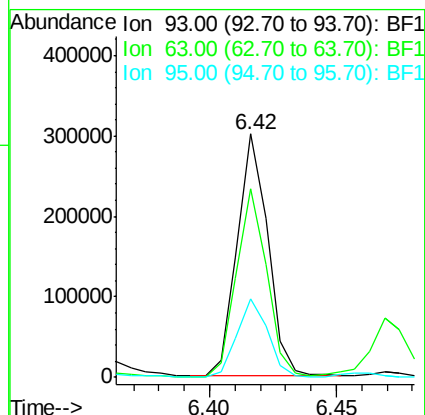
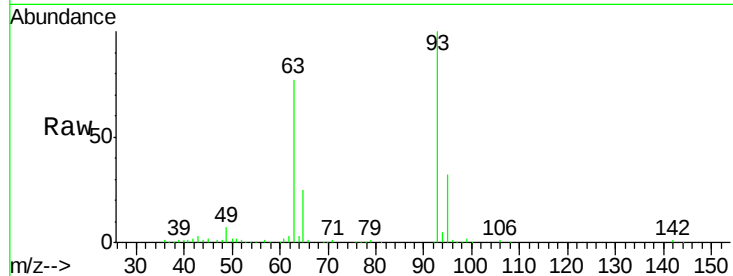
#11
bis(2-Chloroethyl)ether
Concen: 42.170 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	77.5	56.1	96.1
95	32.1	12.8	52.8

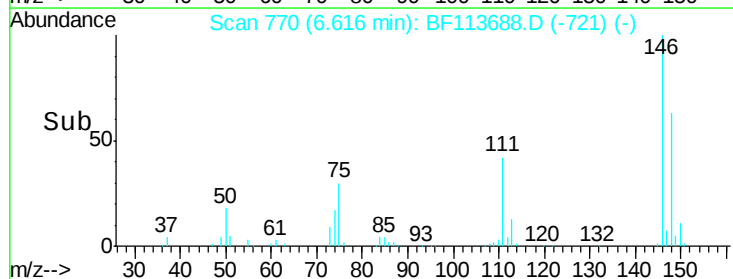
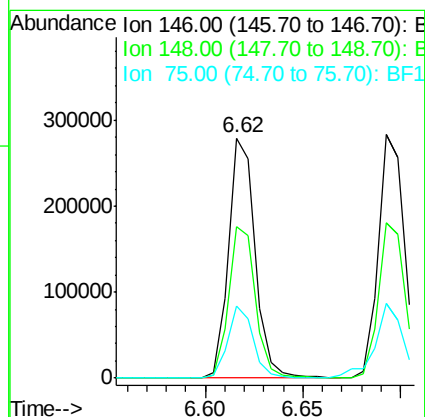
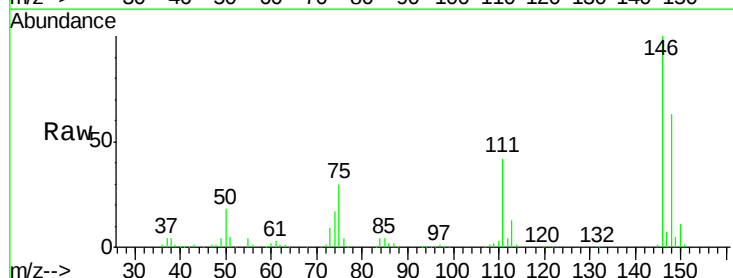
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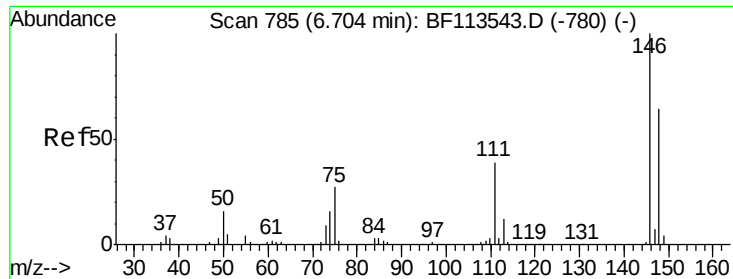
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#12
1,3-Dichlorobenzene
Concen: 38.747 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.2	51.4	77.0
75	30.2	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 39.810 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

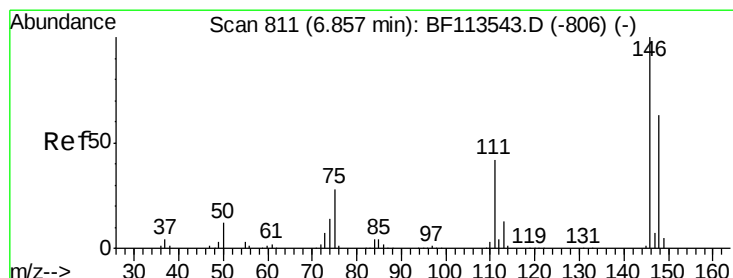
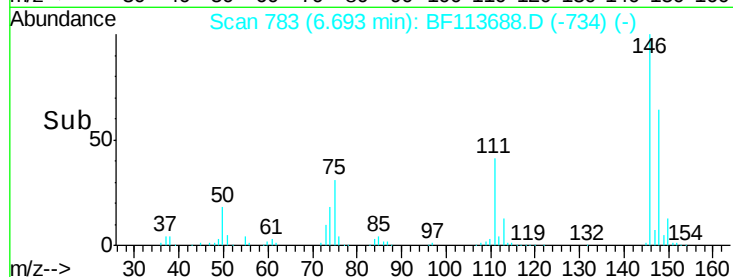
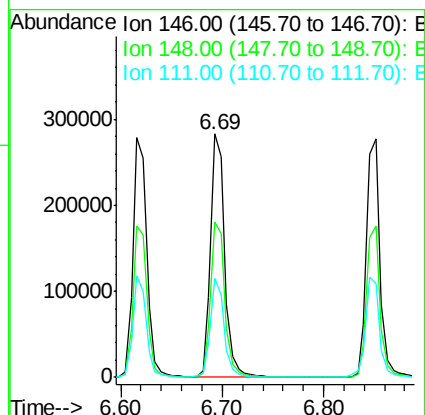
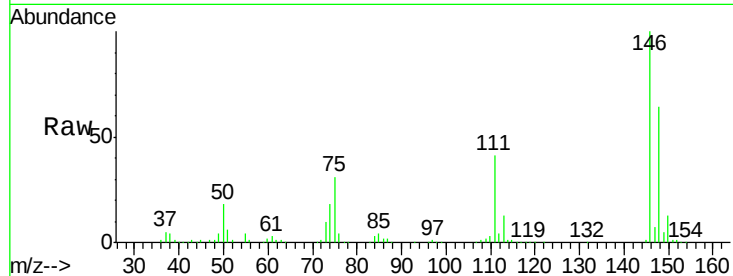
ClientSampled :

TP-14-SMSD

Tgt Ion:	146	Resp:	274157
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	40.7	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 41.625 ng

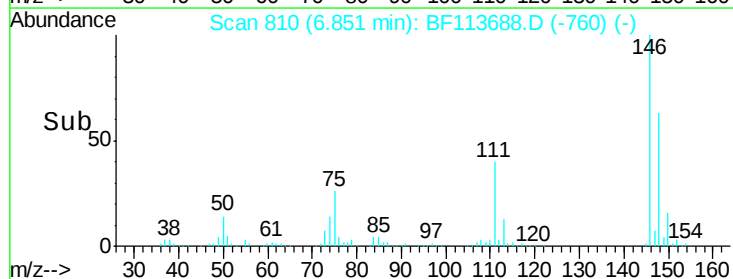
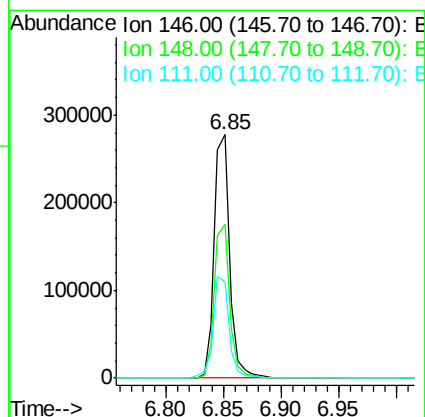
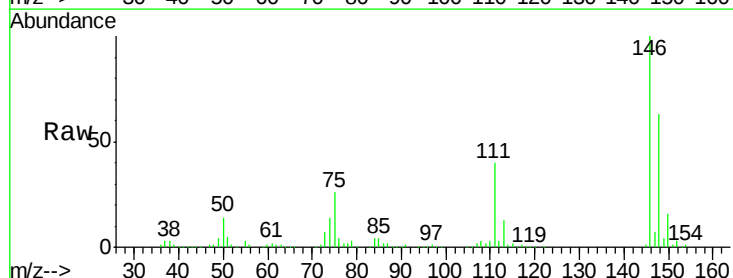
RT: 6.85 min Scan# 810

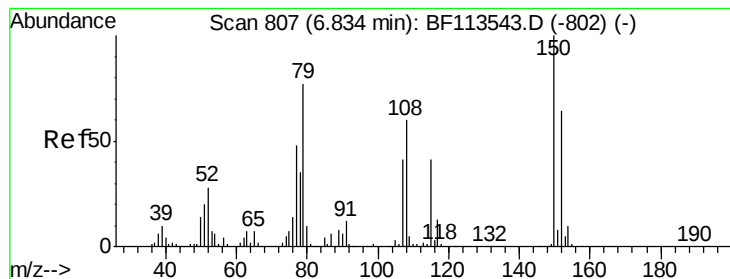
Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion:	146	Resp:	258752
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.2	75.4
111	39.5	35.4	53.2





#15

Benzyl Alcohol

Concen: 14.840 ng m

RT: 6.91 min Scan# 820

Delta R.T. 0.08 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

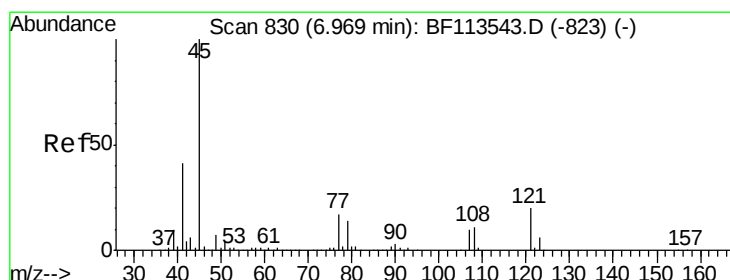
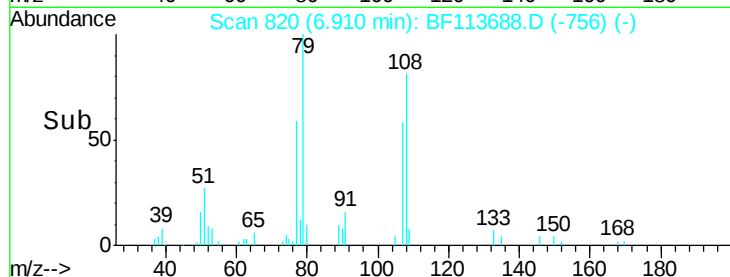
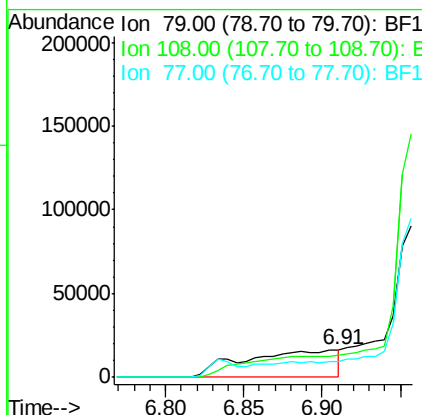
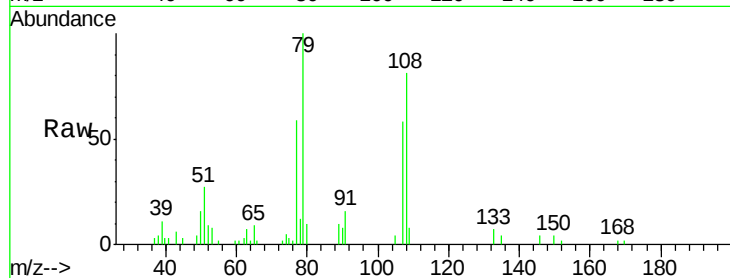
ClientSampleId :

TP-14-SMSD

Tgt Ion:	79	Resp:	67643
Ion Ratio	Lower	Upper	
79	100		
108	81.4	62.0	93.0
77	59.1	49.9	74.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.883 ng

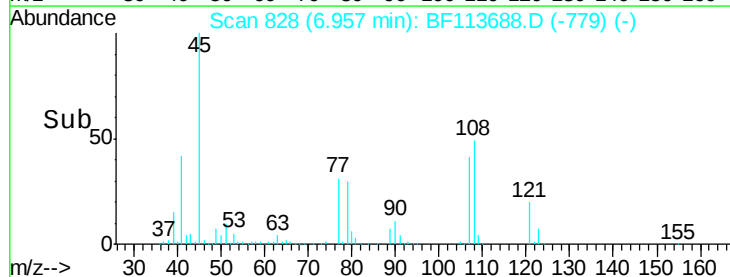
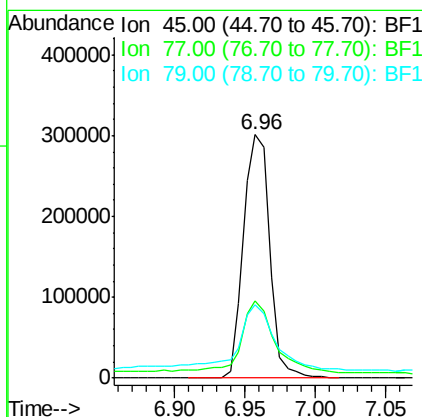
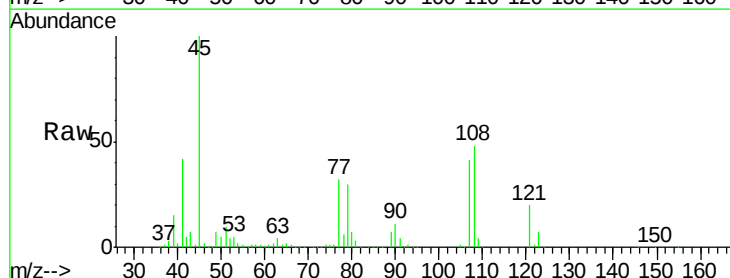
RT: 6.96 min Scan# 828

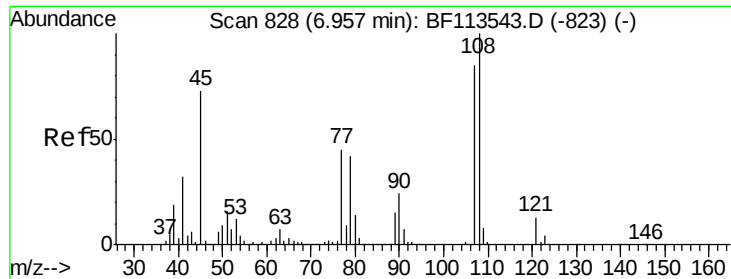
Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion:	45	Resp:	390439
Ion Ratio	Lower	Upper	
45	100		
77	31.5	0.0	36.6
79	29.9	0.0	34.0





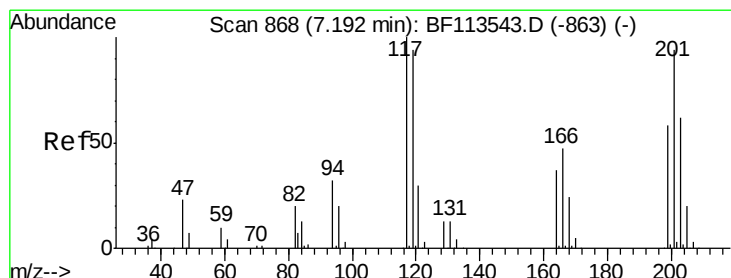
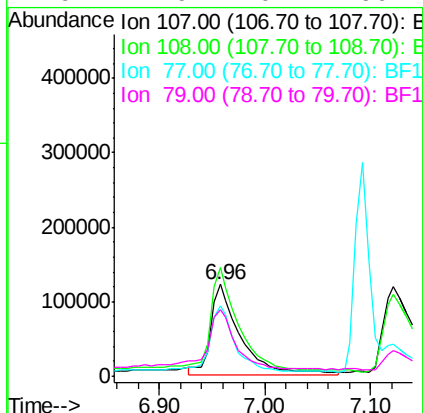
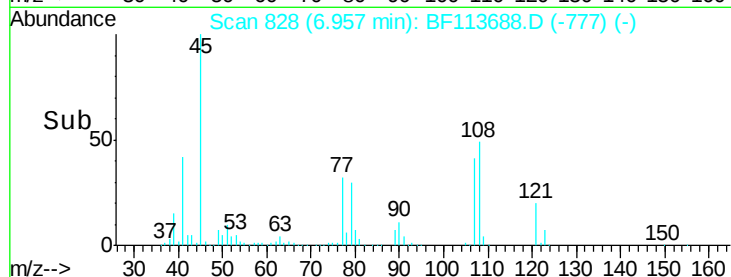
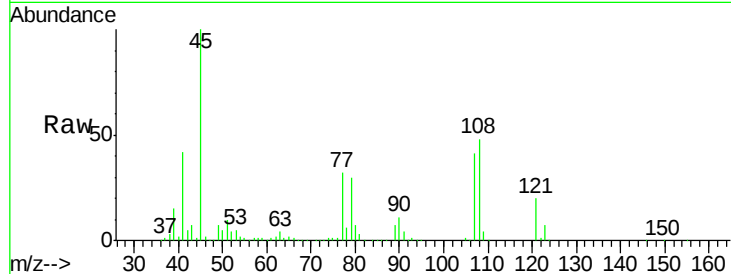
#17
2-Methylphenol
Concen: 49.331 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampled :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	241923		
108	117.6	93.4	140.0	
77	76.9	41.2	61.8#	
79	72.9	40.1	60.1#	

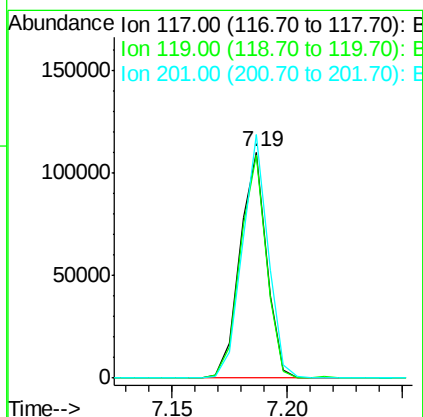
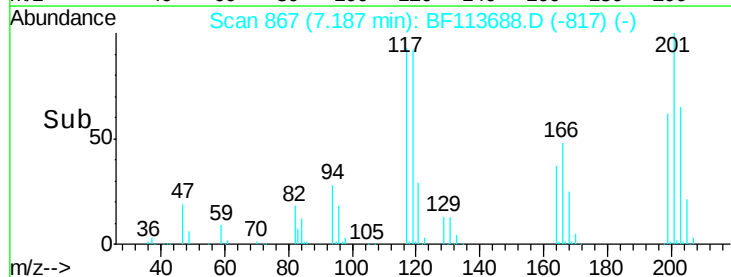
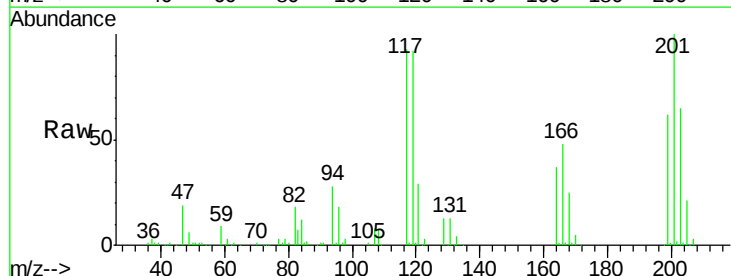
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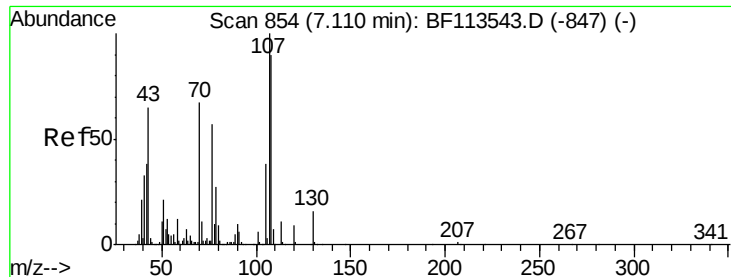
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#18
Hexachloroethane
Concen: 35.445 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88848		
119	99.1	76.9	115.3	
201	107.9	78.7	118.1	





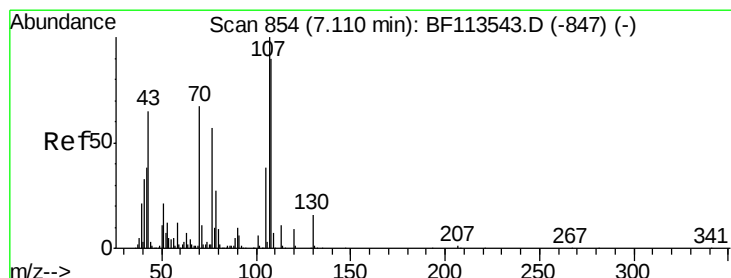
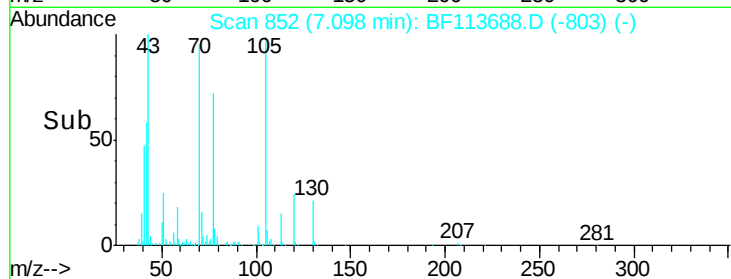
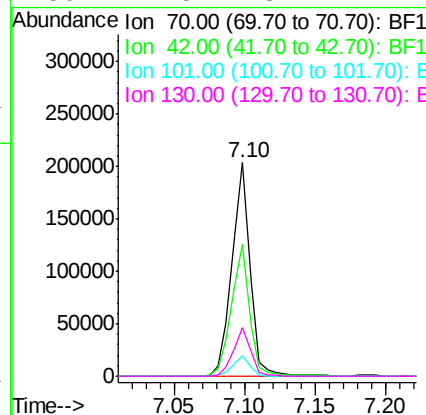
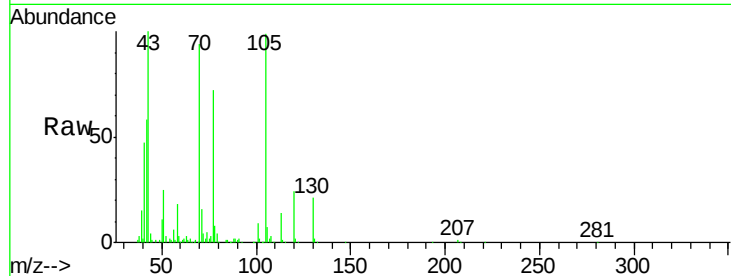
#19
n-Nitroso-di-n-propylamine
Concen: 43.907 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.6	48.4	72.6
101	9.8	7.8	11.8
130	22.5	18.2	27.4

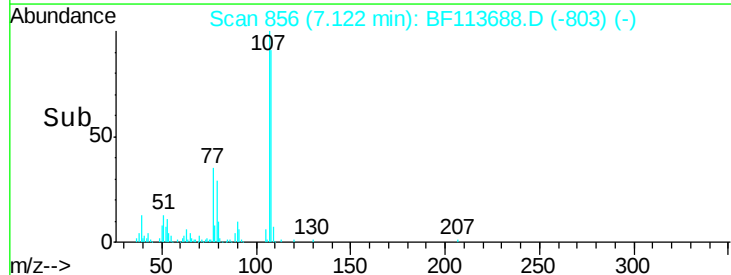
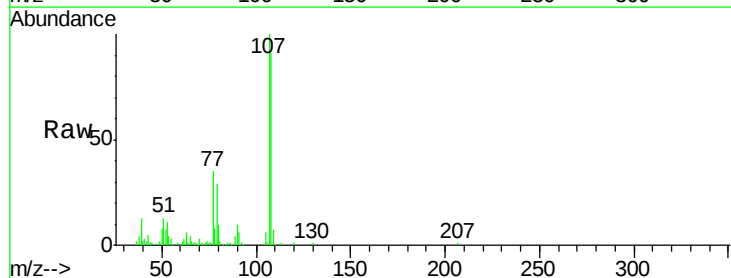
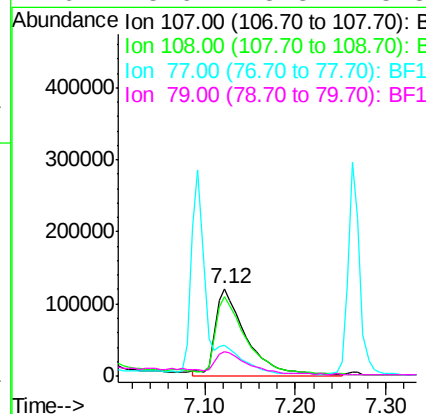
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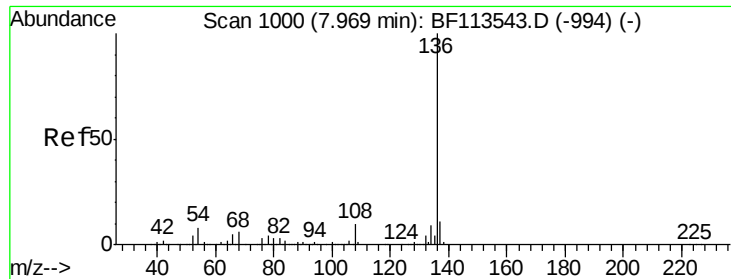
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#20
3+4-Methylphenols
Concen: 47.677 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	71.4	111.4
77	35.3	33.5	73.5
79	28.6	8.3	48.3





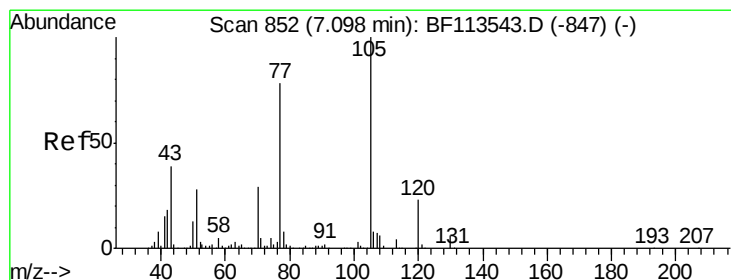
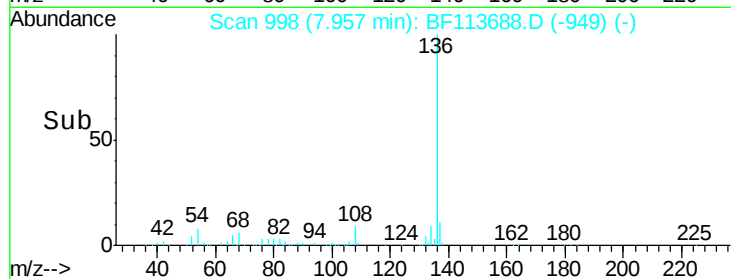
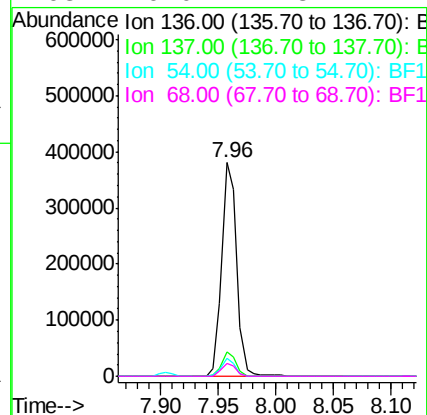
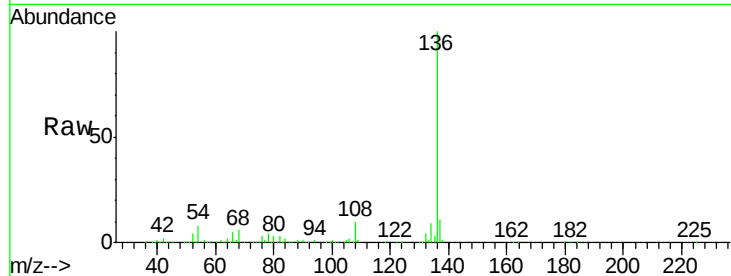
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	343843		
137	11.1	8.9	13.3	
54	8.3	7.0	10.6	
68	6.0	4.8	7.2	

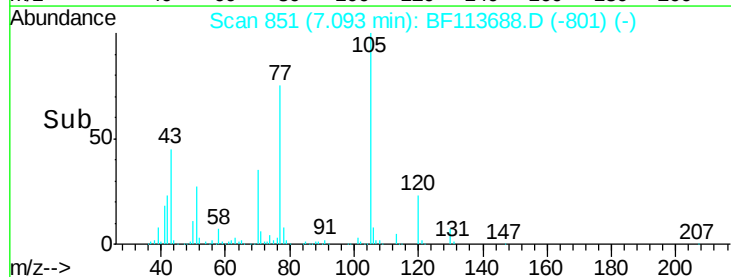
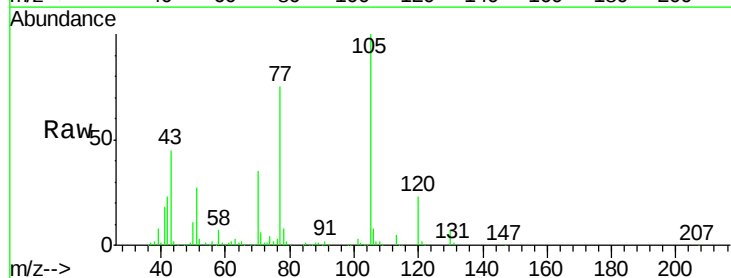
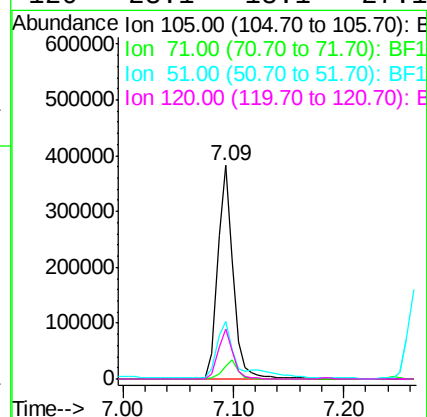
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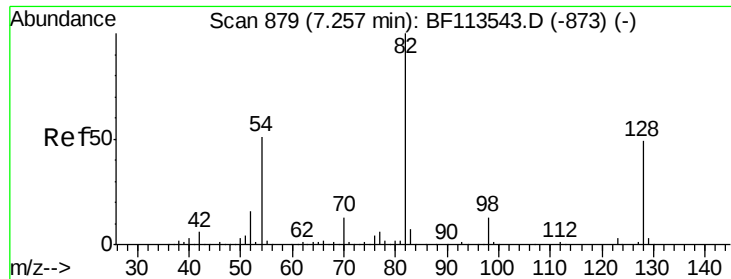
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#22
Acetophenone
Concen: 47.657 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	359899		
71	5.8	3.3	4.9#	
51	27.0	24.2	36.2	
120	23.1	18.1	27.1	





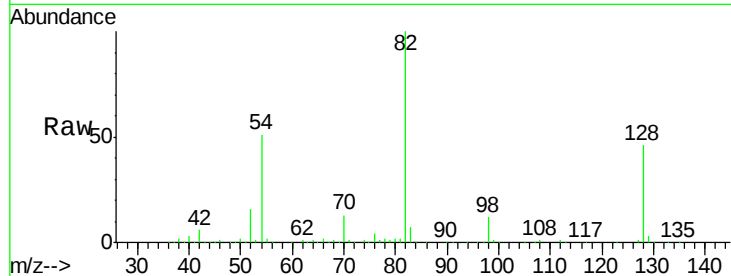
#23
 Nitrobenzene-d5
 Concen: 93.607 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

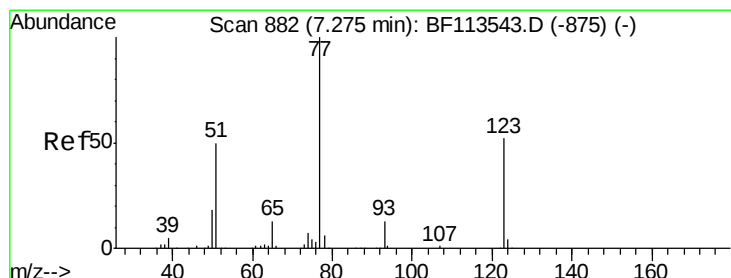
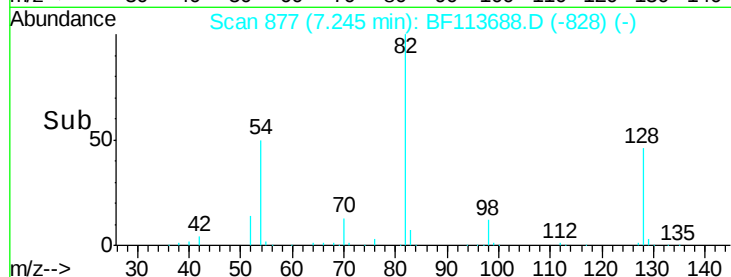
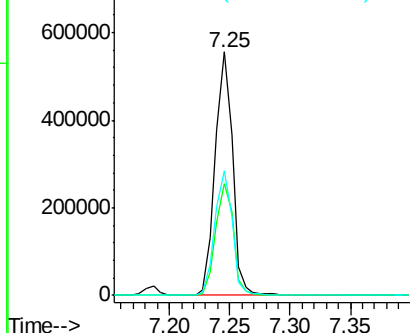
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	549485		
128	46.2	36.5	54.7	
54	51.2	42.2	63.2	

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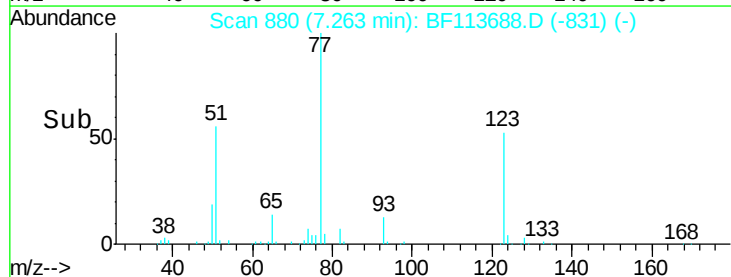
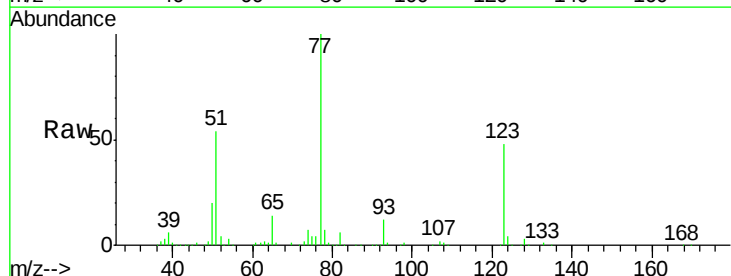
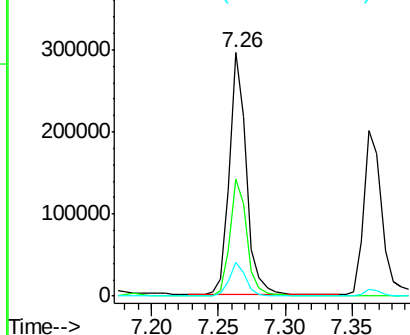
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

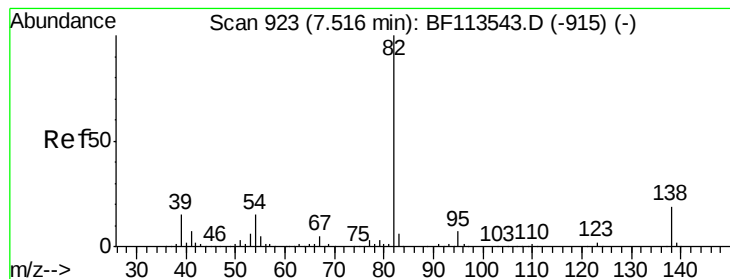


#24
 Nitrobenzene
 Concen: 44.277 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	267668		
123	48.3	40.8	61.2	
65	13.6	10.6	16.0	

Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.812 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

ClientSampleId :

TP-14-SMSD

Tgt Ion: 82 Resp: 495428

Ion Ratio Lower Upper

82 100

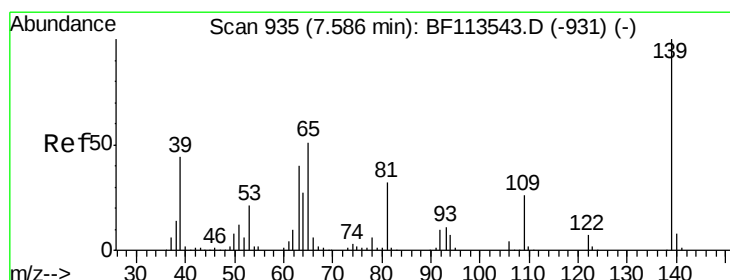
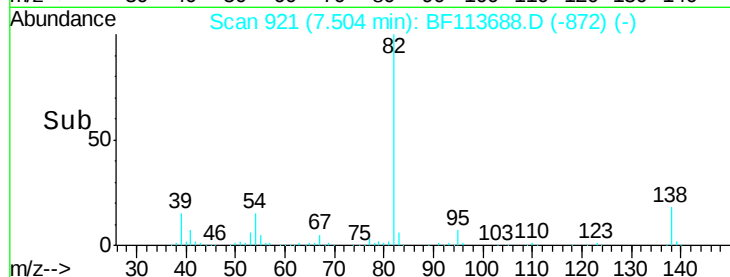
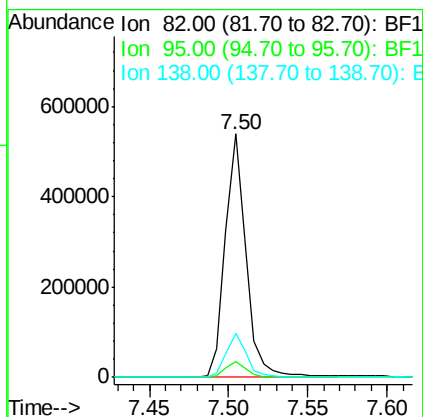
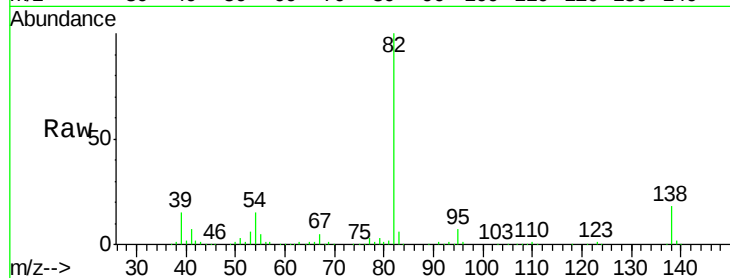
95 6.7 5.5 8.3

138 18.0 15.2 22.8

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#26

2-Nitrophenol

Concen: 42.393 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

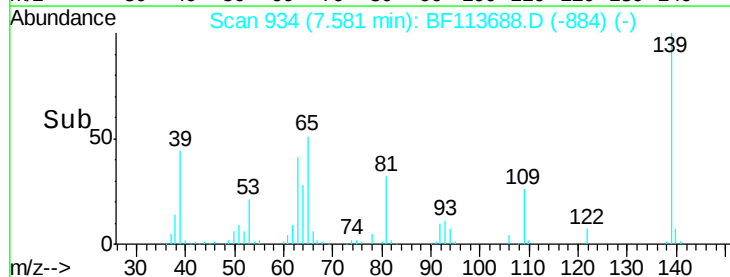
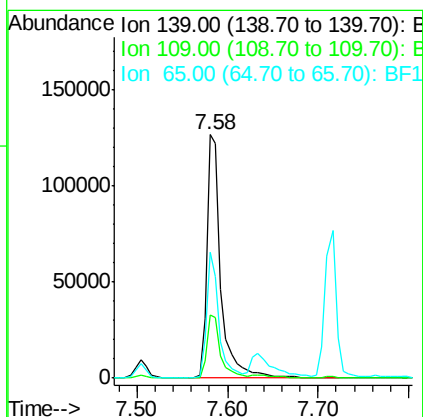
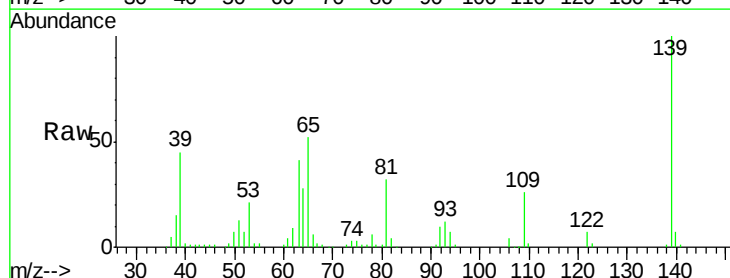
Tgt Ion: 139 Resp: 137928

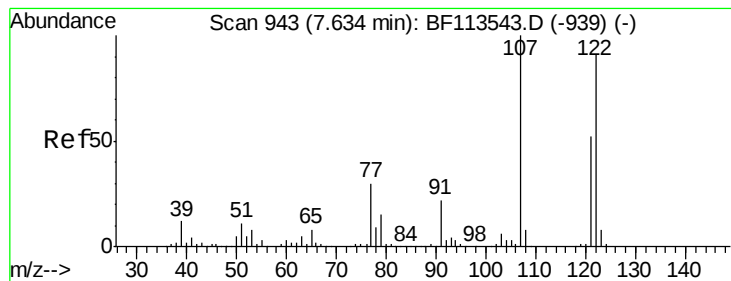
Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

65 51.8 41.6 62.4





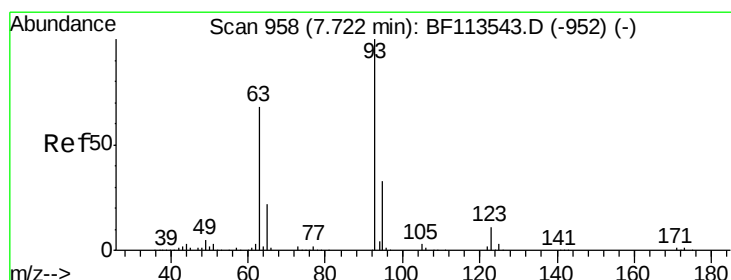
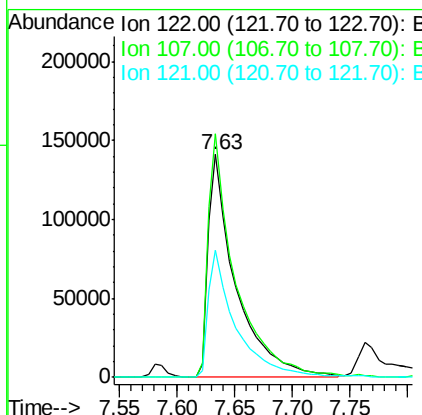
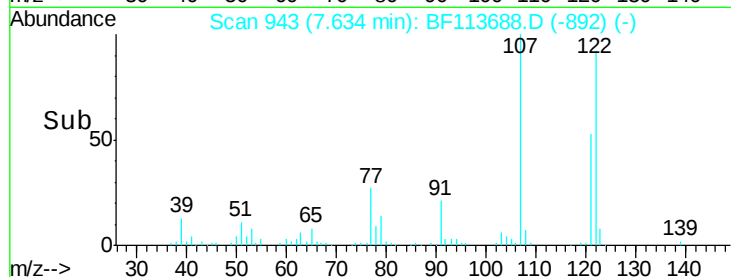
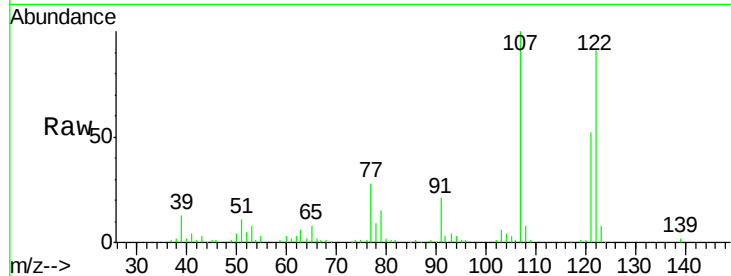
#27
2,4-Dimethylphenol
Concen: 49.766 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	231479		
107	109.4	88.8	133.2	
121	57.2	45.5	68.3	

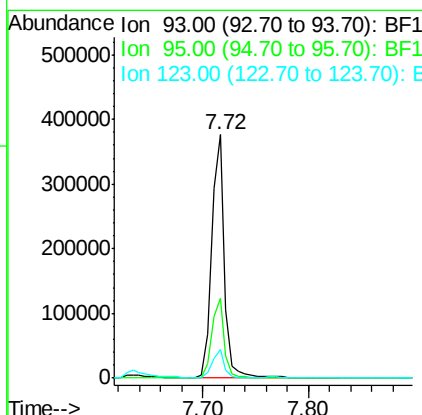
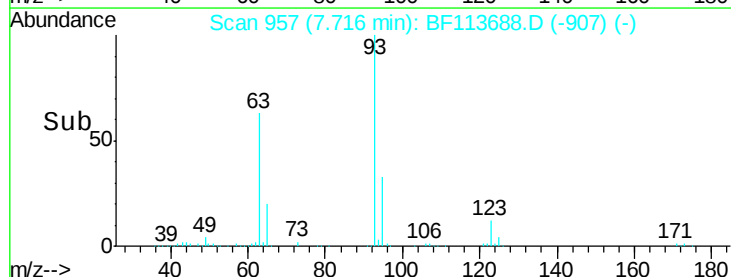
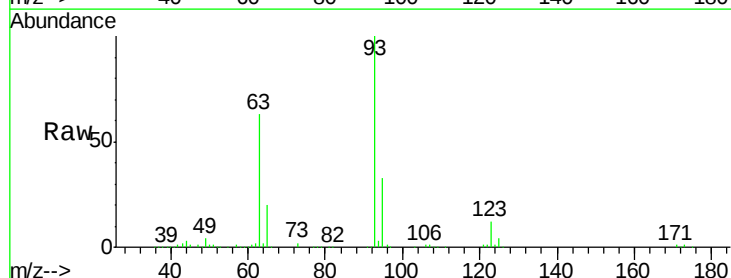
Manual Integrations
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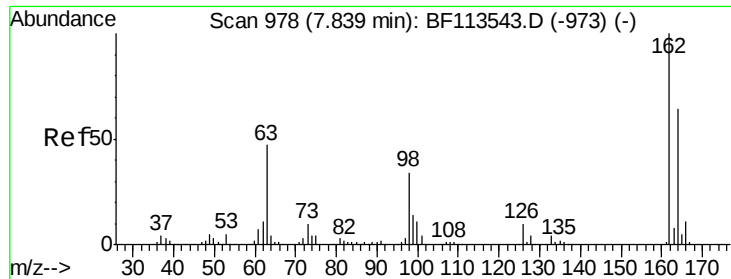
Sohil
4/10/2019 6:20:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.414 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	317521		
95	32.6	26.0	39.0	
123	11.6	9.1	13.7	





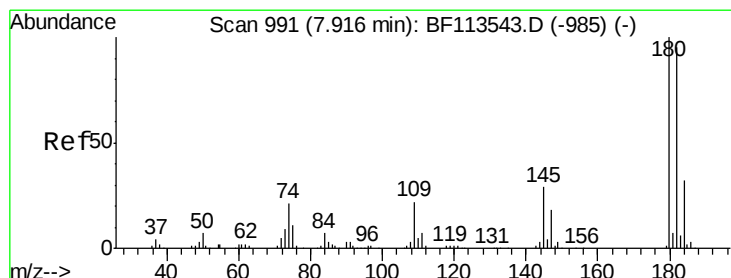
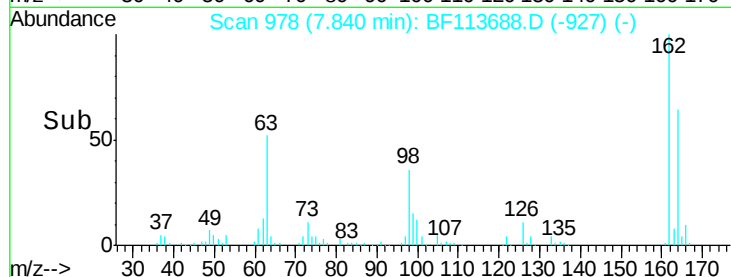
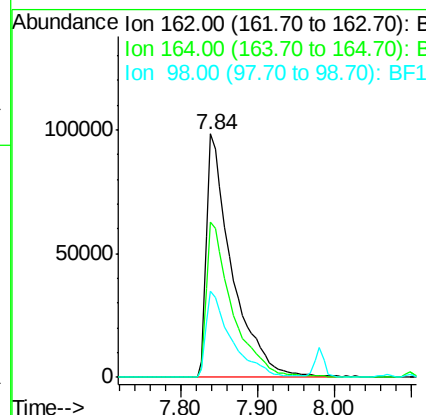
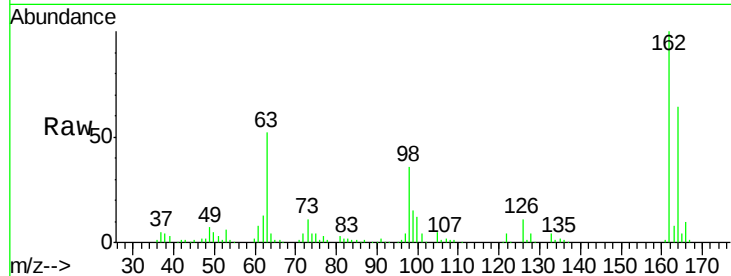
#29
2,4-Dichlorophenol
Concen: 45.453 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampled :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	226202		
164	63.8	44.6	84.6	
98	35.6	15.6	55.6	

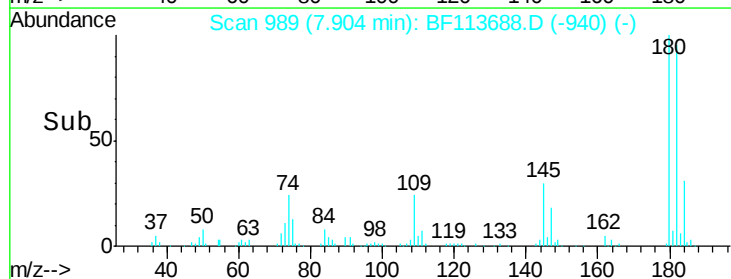
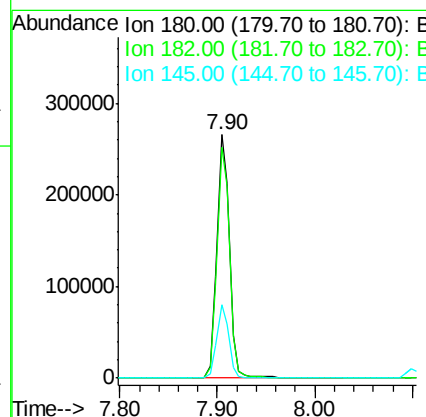
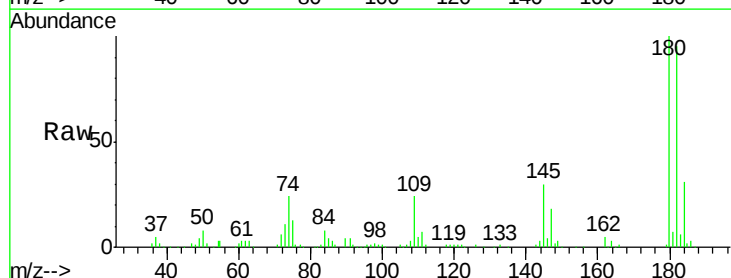
Manual Integrations
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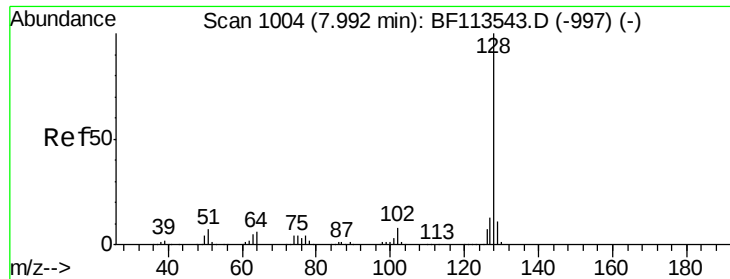
Sohil
4/10/2019 6:20:44 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.977 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237668		
182	95.0	74.6	111.8	
145	30.1	23.4	35.0	





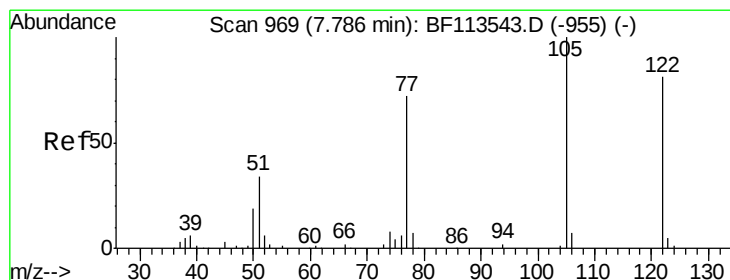
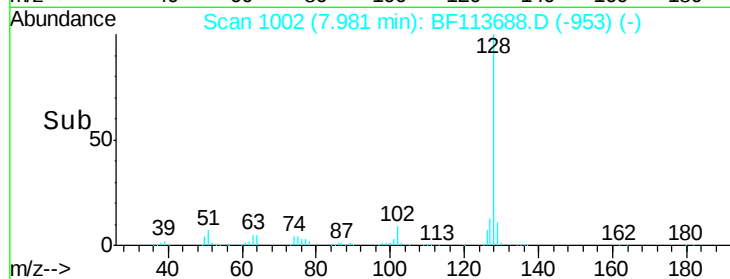
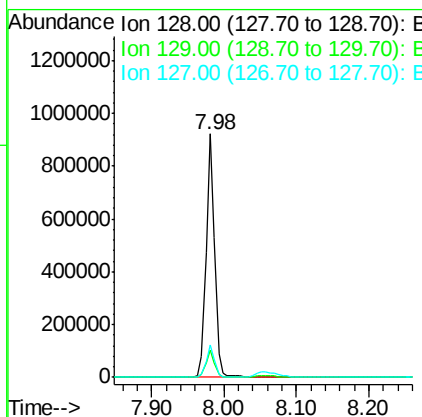
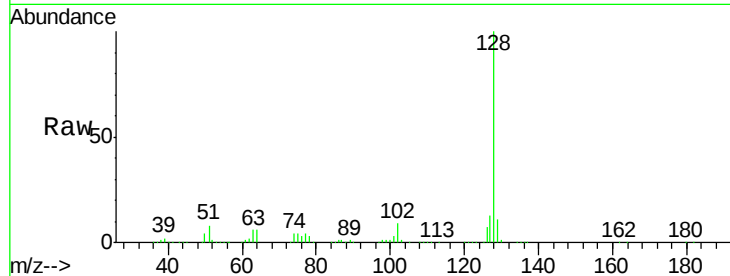
#31
Naphthalene
Concen: 46.082 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	767731		
129	11.2	9.3	13.9	
127	13.3	10.9	16.3	

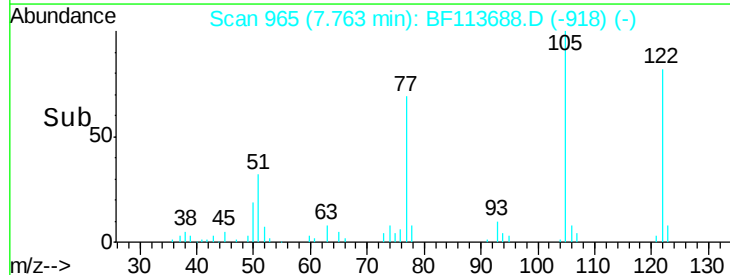
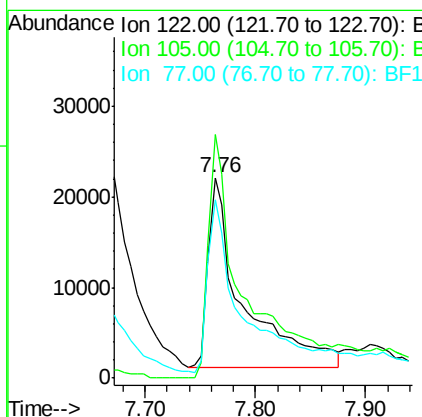
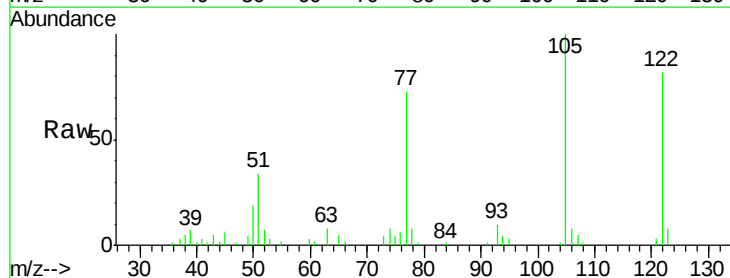
Manual Integrations
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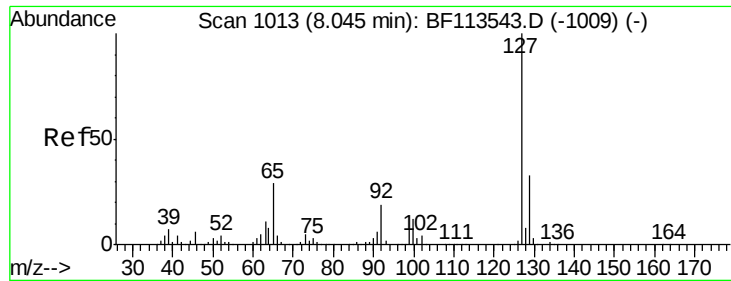
Sohil
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#32
Benzoic acid
Concen: 12.448 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	44835		
105	121.5	100.4	140.4	
77	89.0	69.0	109.0	





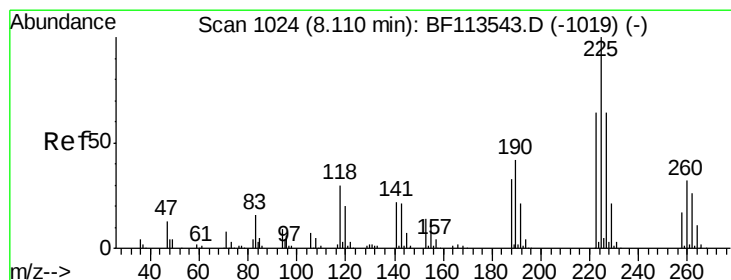
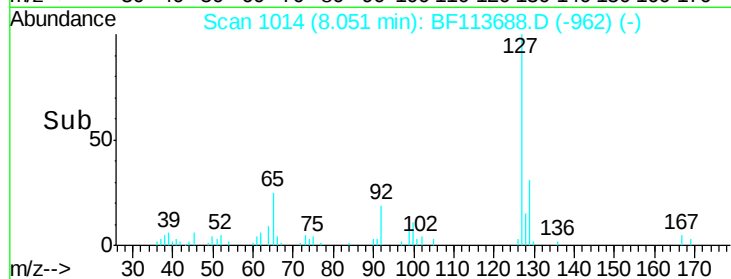
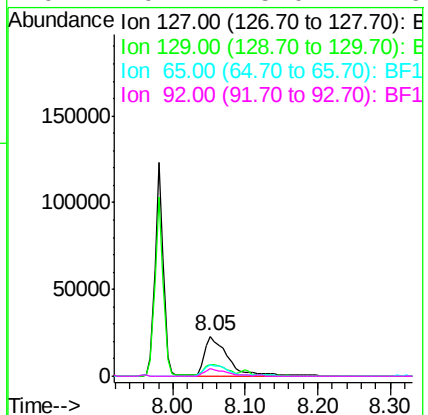
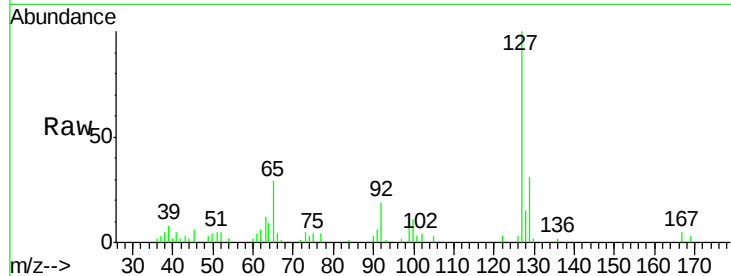
#33
4-Chloroaniline
Concen: 8.137 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	53756		
129	30.5	26.3	39.5	
65	29.3	24.2	36.4	
92	19.1	15.0	22.6	

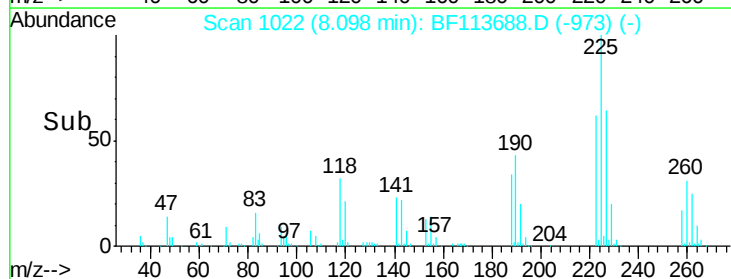
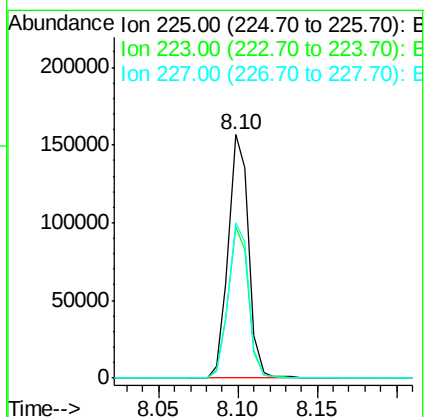
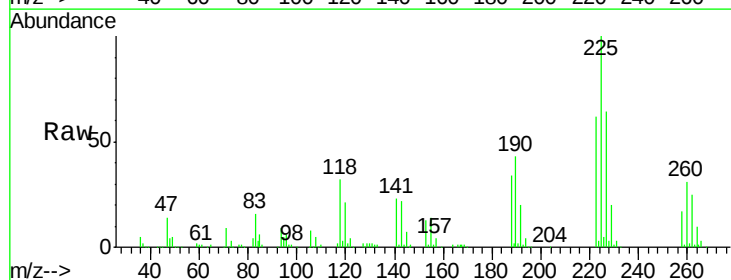
Manual Integrations
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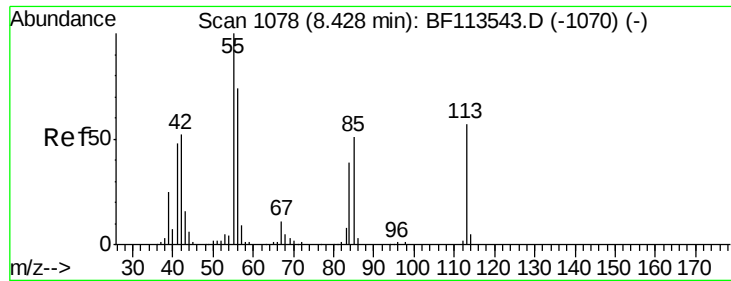
Sohil
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#34
Hexachlorobutadiene
Concen: 42.417 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139760		
223	62.2	51.4	77.2	
227	63.8	51.1	76.7	





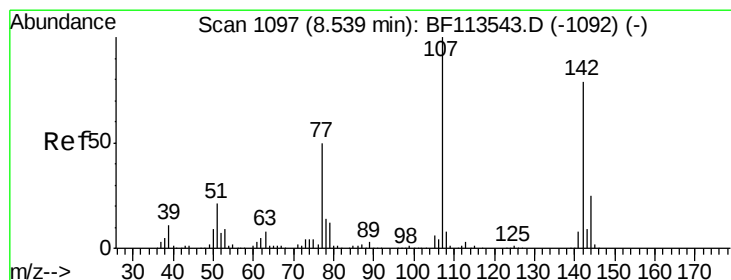
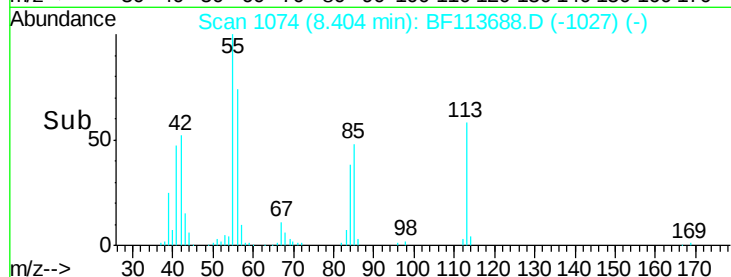
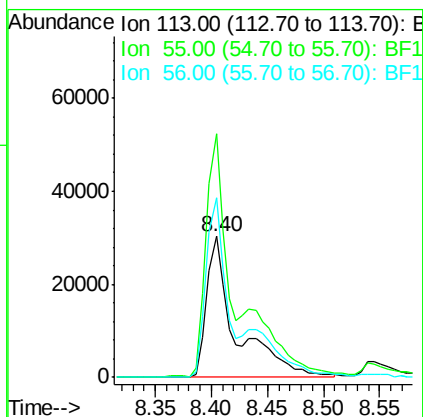
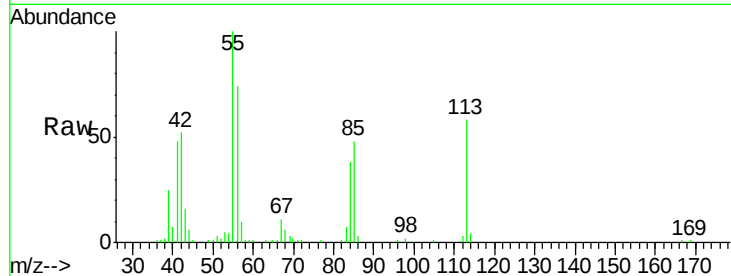
#35
 Caprolactam
 Concen: 34.591 ng m
 RT: 8.40 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion:113 Resp: 54645
 Ion Ratio Lower Upper
 113 100
 55 172.5 152.7 192.7
 56 127.2 108.3 148.3

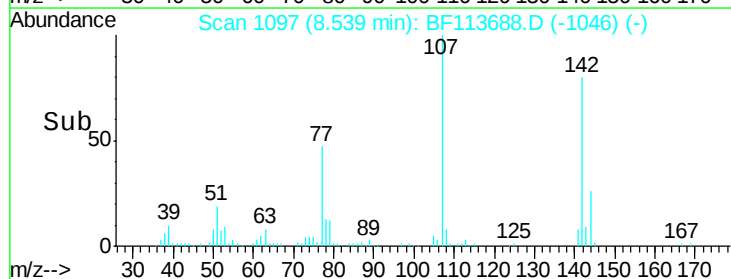
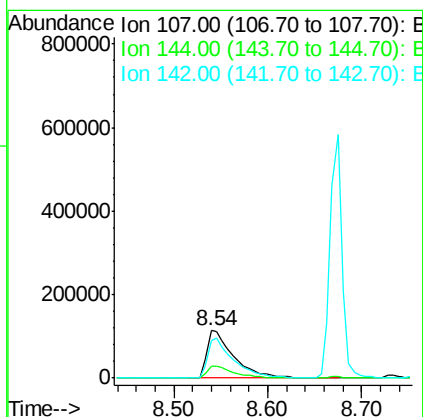
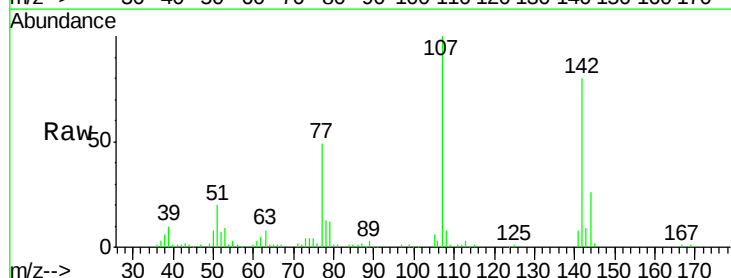
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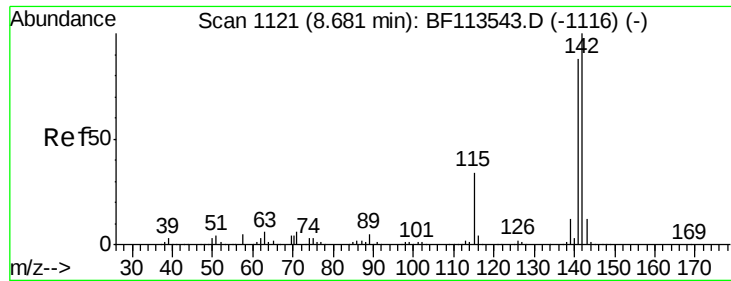
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 44.875 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion:107 Resp: 224187
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.4 32.0
 142 80.3 65.6 98.4





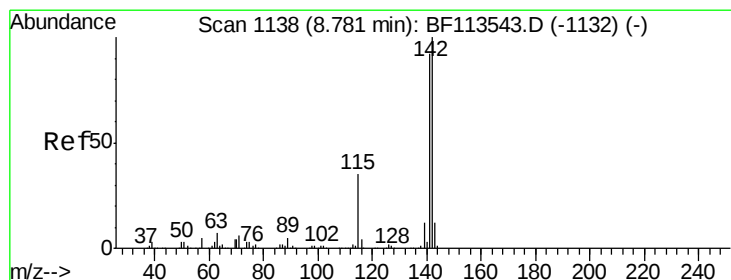
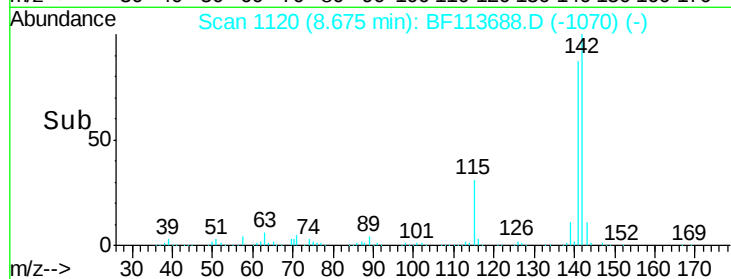
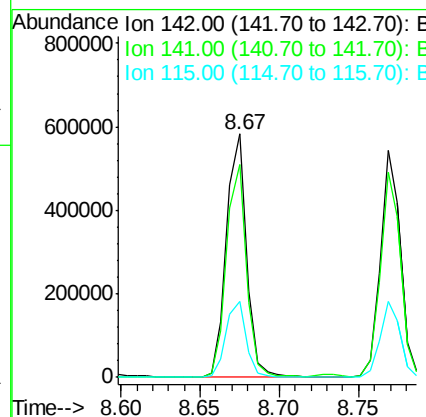
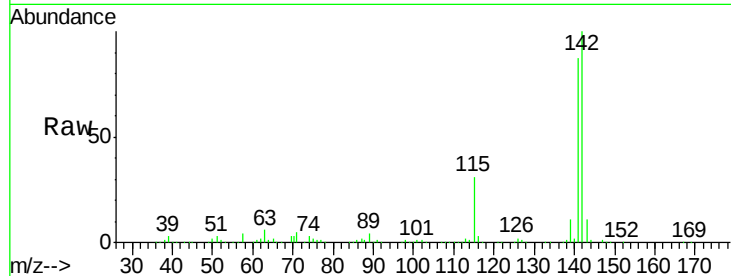
#37
 2-Methylnaphthalene
 Concen: 46.957 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	514523		
141	87.3	71.0	106.6	
115	31.4	26.6	39.8	

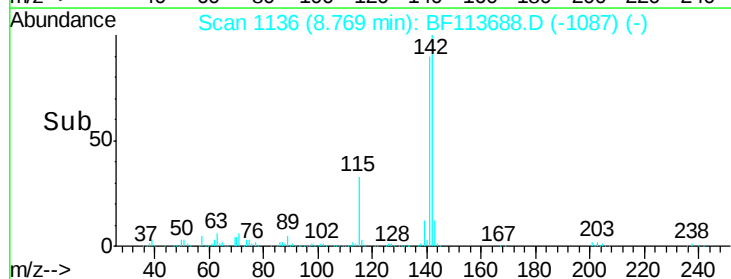
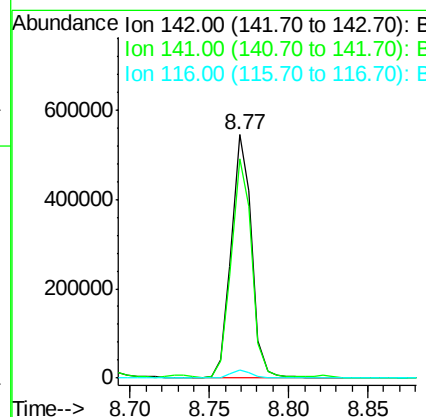
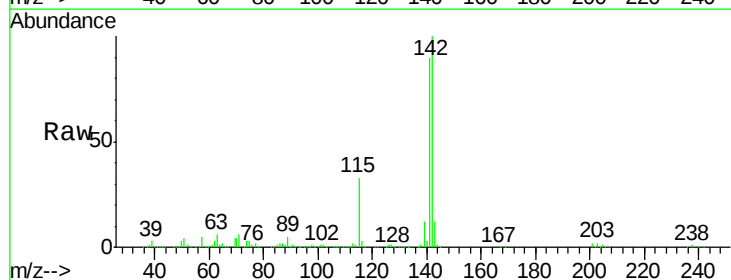
Manual Integrations
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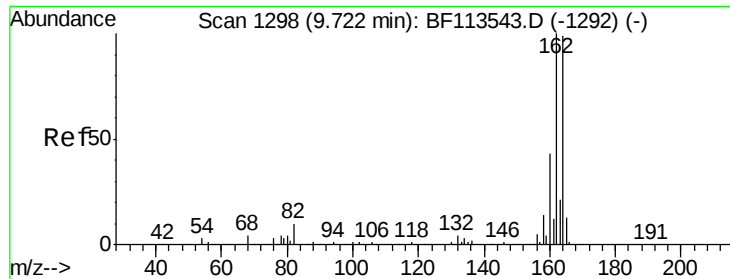
Sohil
 4/10/2019 6:20:44 PM



#38
 1-Methylnaphthalene
 Concen: 45.497 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	480704		
141	90.2	73.2	109.8	
116	3.5	3.0	4.4	





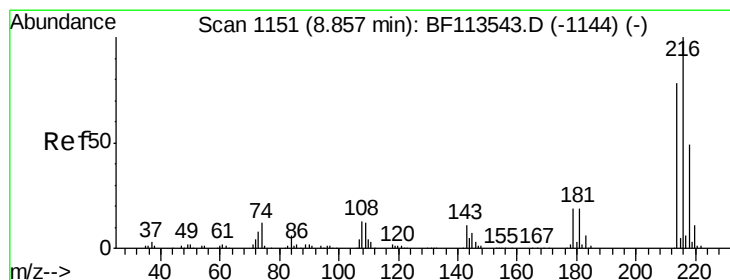
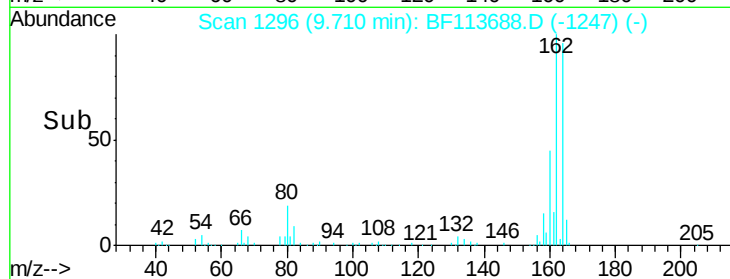
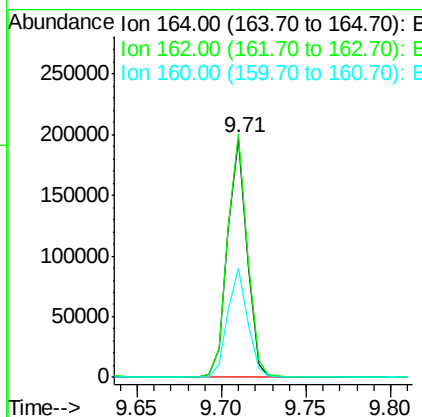
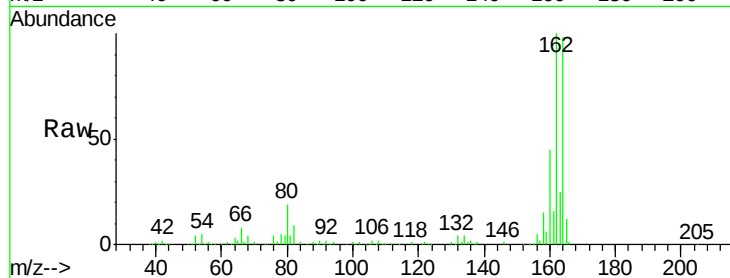
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	158720		
162	101.9	81.8	122.6	
160	45.9	36.4	54.6	

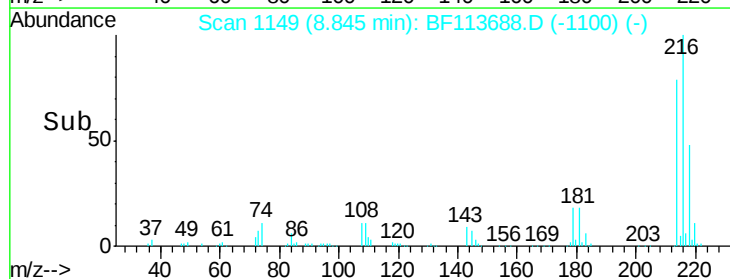
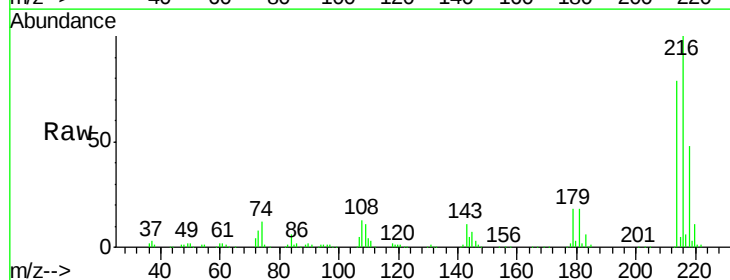
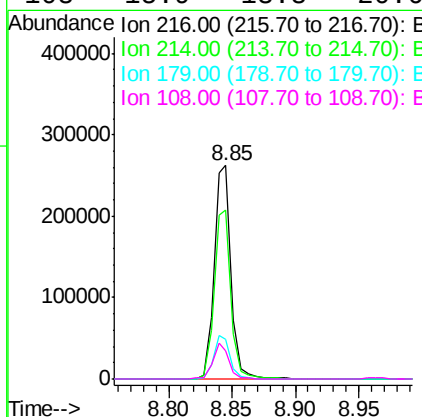
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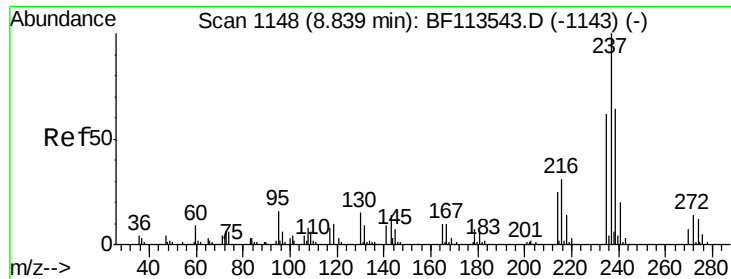
Sohil
 4/10/2019 6:20:44 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.040 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	246598		
214	78.9	63.0	94.6	
179	19.9	16.8	25.2	
108	15.9	13.8	20.6	





#41

Hexachlorocyclopentadiene

Concen: 28.716 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

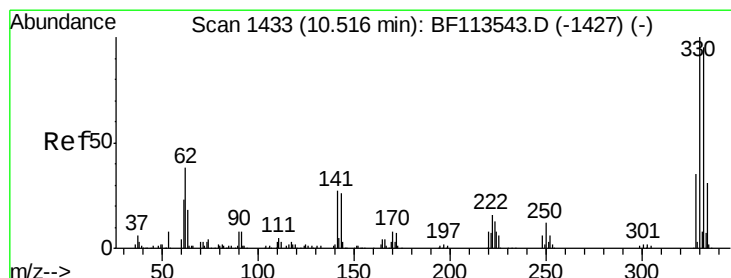
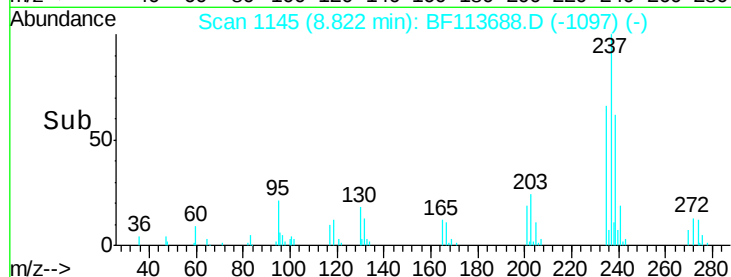
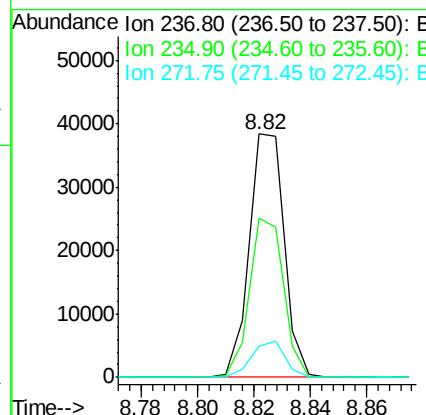
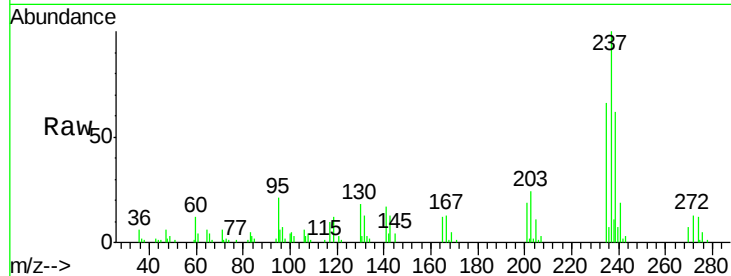
ClientSampleId :

TP-14-SMSD

Tgt Ion:	237	Resp:	33108
Ion Ratio	Lower	Upper	
237	100		
235	65.6	43.4	83.4
272	12.9	0.0	33.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 138.417 ng

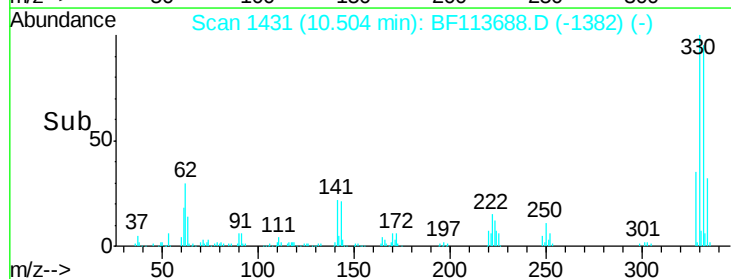
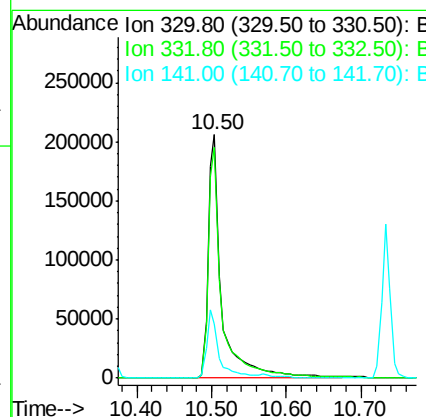
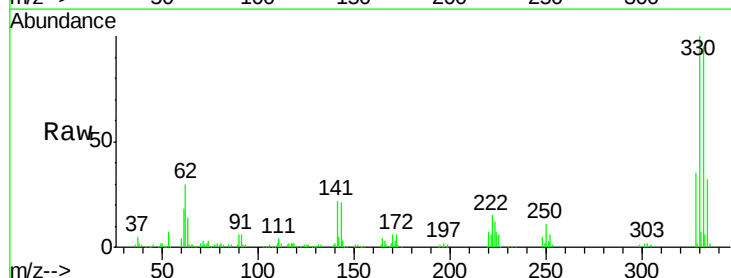
RT: 10.50 min Scan# 1431

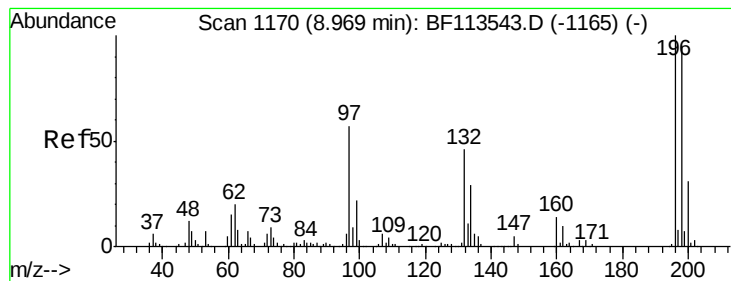
Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion:	330	Resp:	263908
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.8	116.6
141	25.5	22.7	34.1





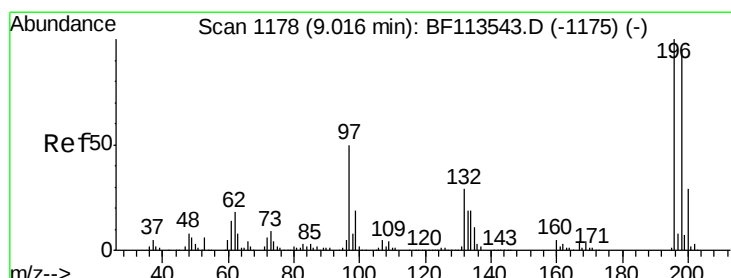
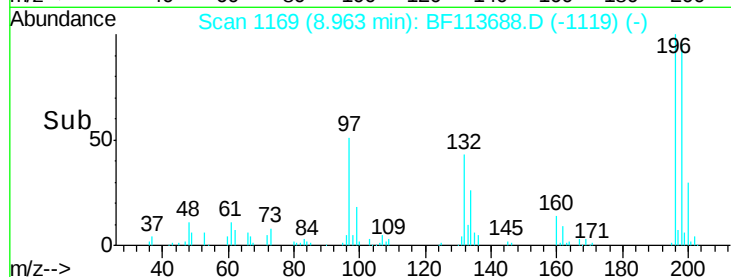
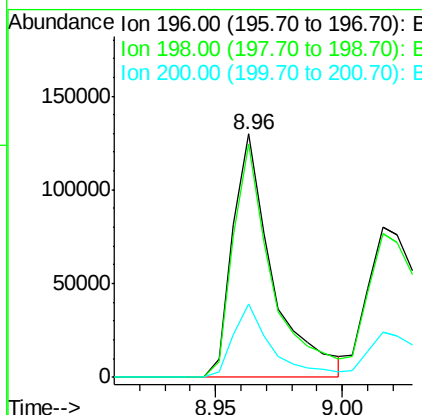
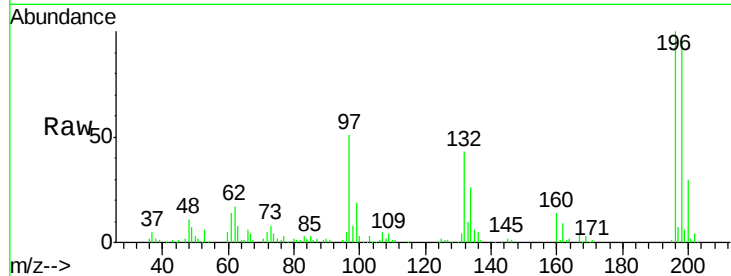
#43
 2,4,6-Trichlorophenol
 Concen: 43.729 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion:	196	Resp:	141690
Ion Ratio	Lower	Upper	
196	100		
198	95.8	77.7	116.5
200	30.2	24.9	37.3

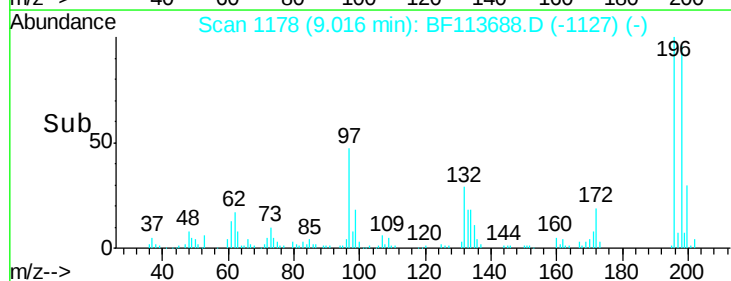
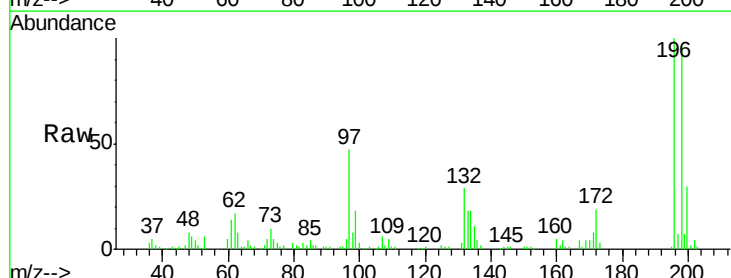
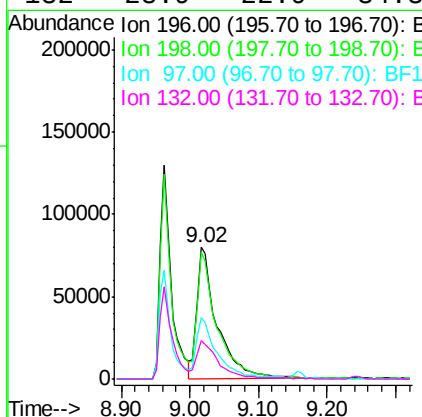
Manual Integrations
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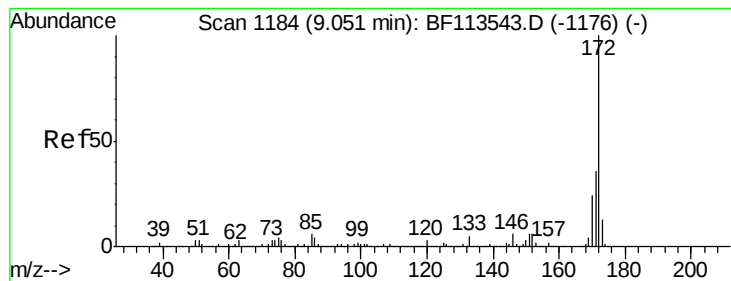
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 47.945 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion:	196	Resp:	166782
Ion Ratio	Lower	Upper	
196	100		
198	96.0	75.4	113.2
97	46.5	38.6	58.0
132	28.9	22.9	34.3





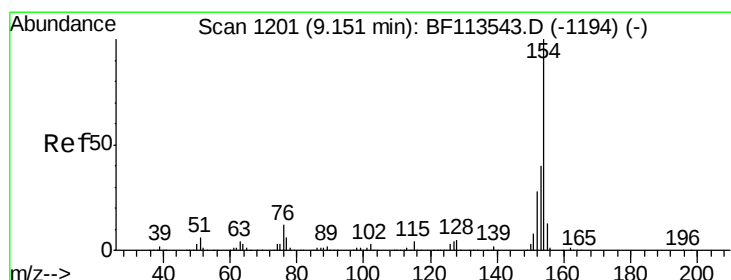
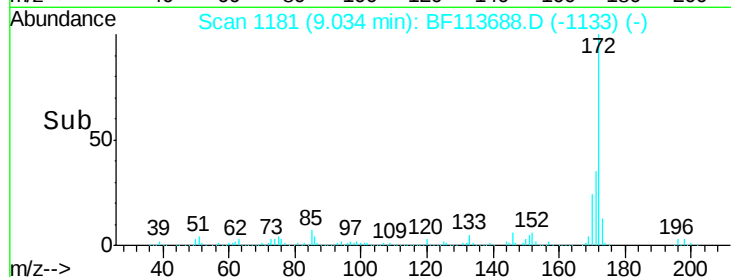
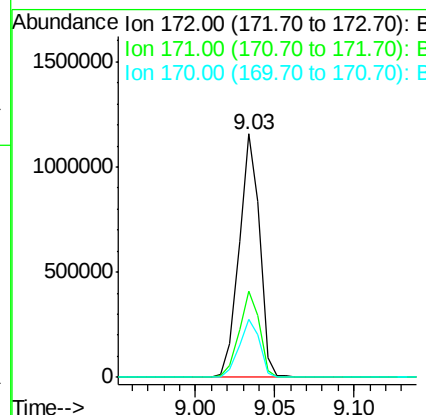
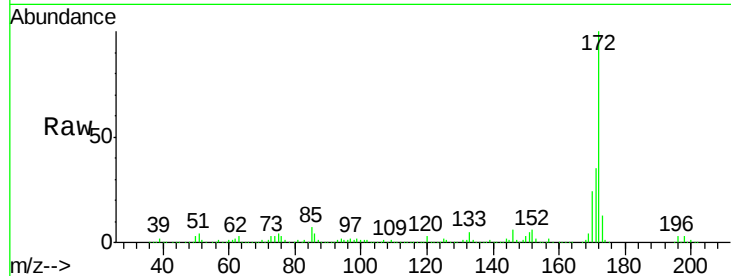
#45
 2-Fluorobiphenyl
 Concen: 105.331 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.8	19.5	29.3

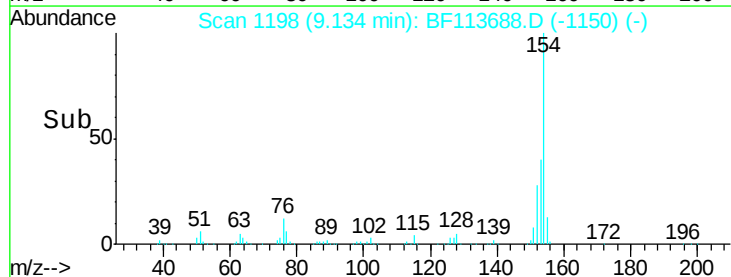
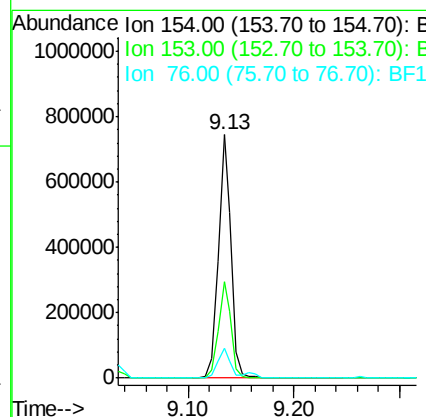
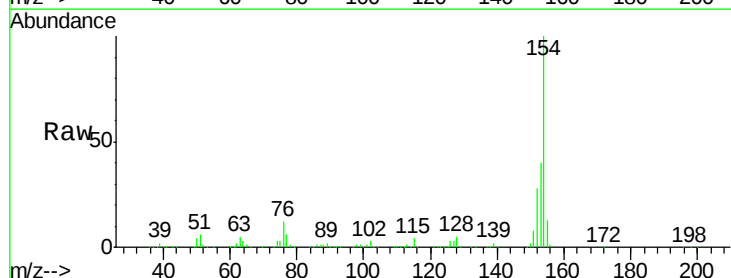
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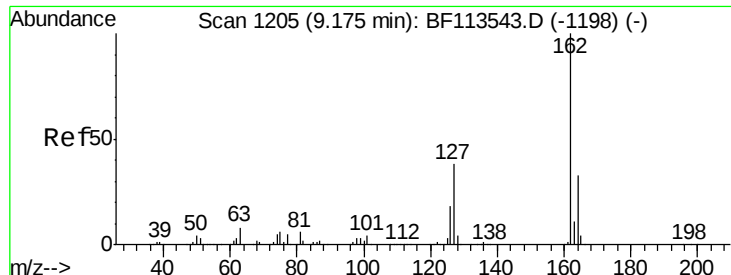
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#46
 1,1'-Biphenyl
 Concen: 48.229 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.8	60.8
76	12.2	0.0	31.9





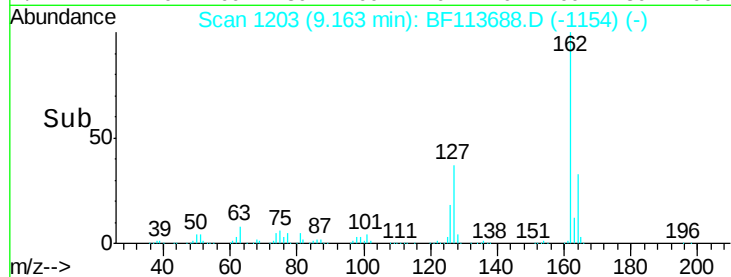
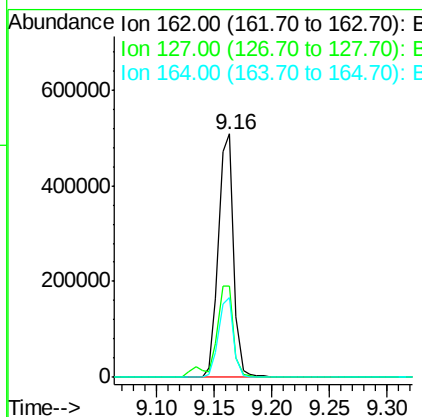
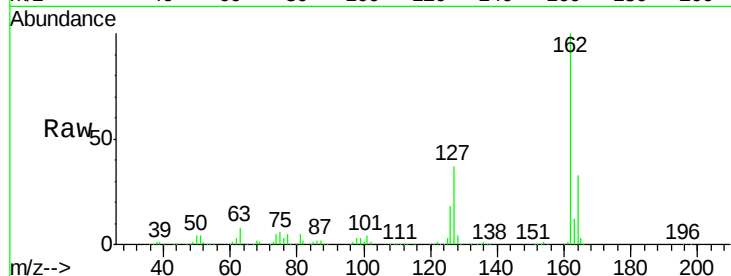
#47
 2-Chloronaphthalene
 Concen: 47.202 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	468084		
127	37.5	32.6	49.0	
164	32.8	26.6	39.8	

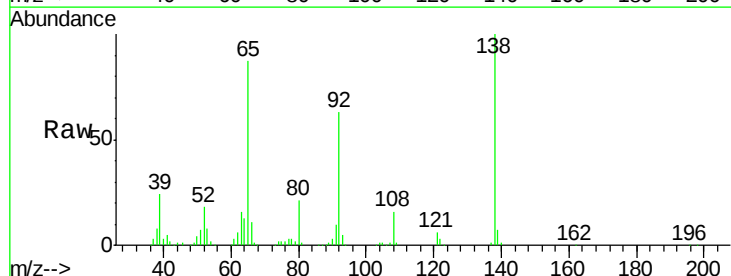
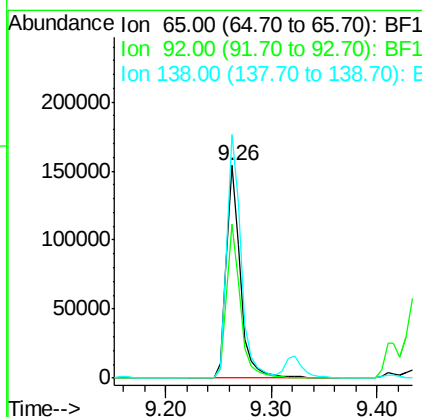
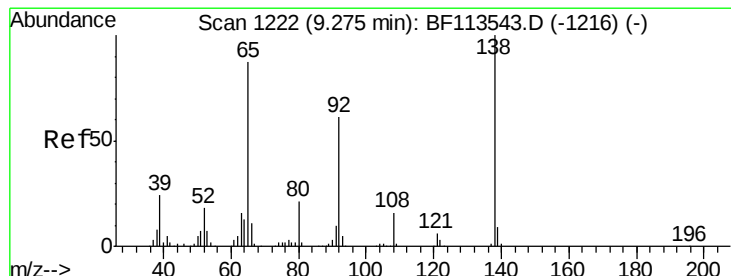
Manual Integrations
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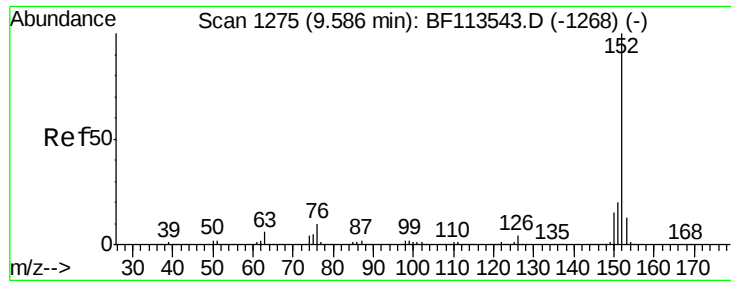
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#48
 2-Nitroaniline
 Concen: 46.930 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	142401		
92	72.5	56.8	85.2	
138	114.6	92.3	138.5	





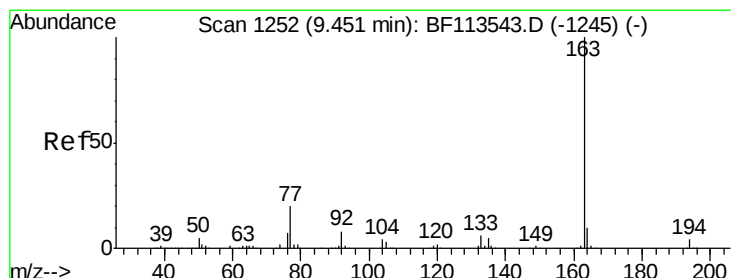
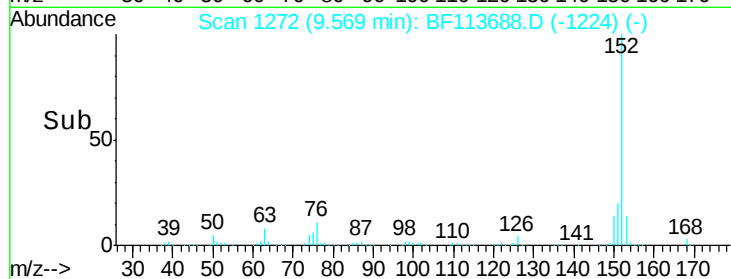
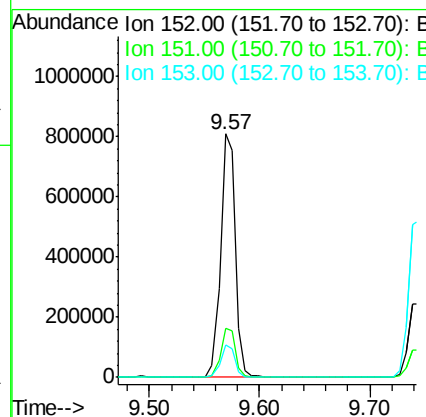
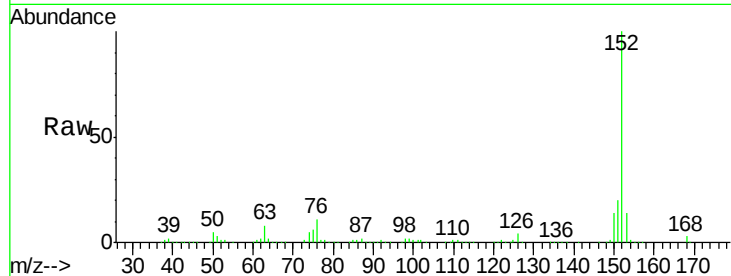
#49
Acenaphthylene
Concen: 46.141 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.5	11.0	16.6

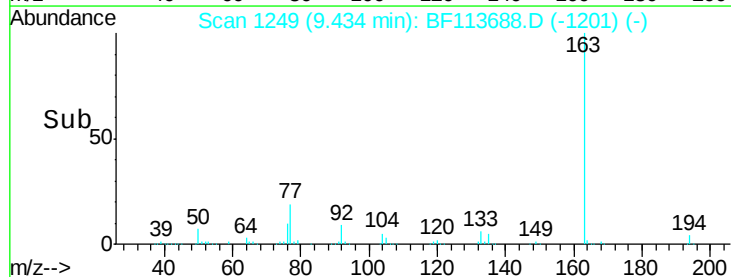
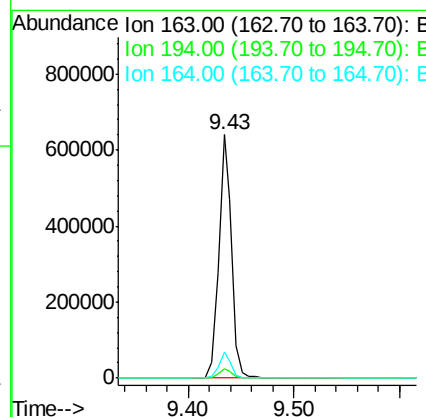
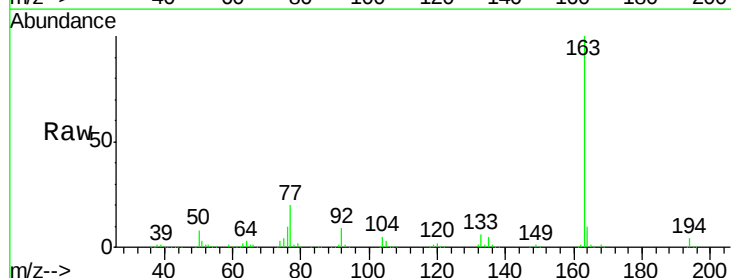
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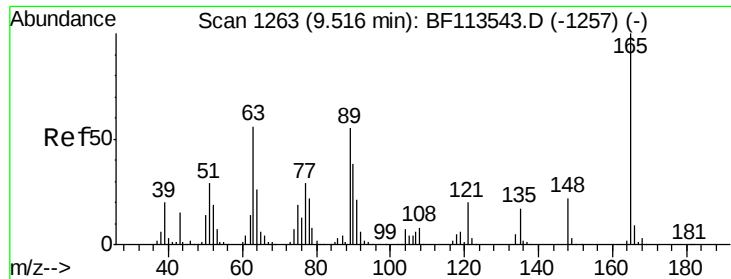
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#50
Dimethylphthalate
Concen: 46.697 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.4	8.1	12.1





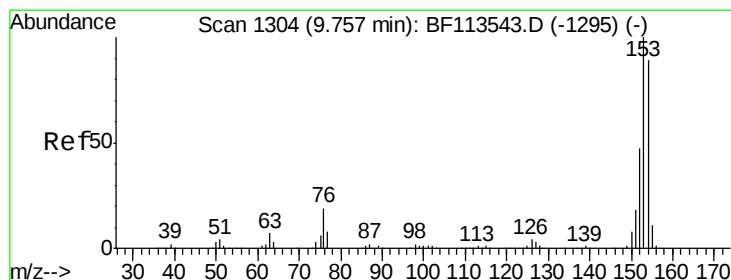
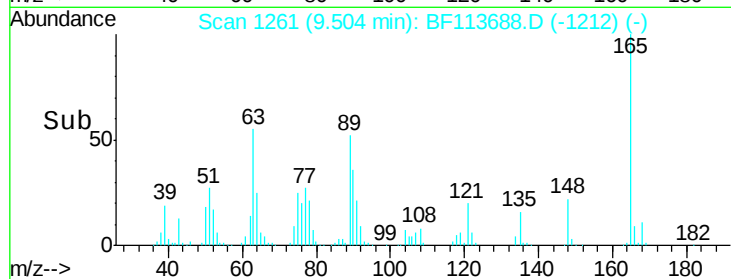
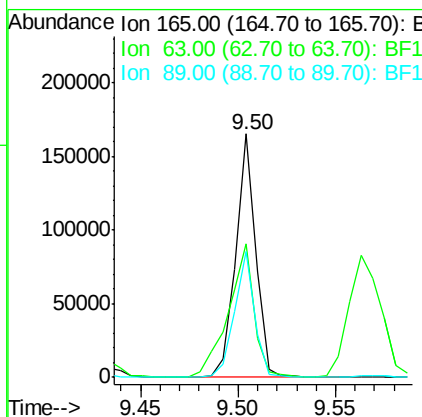
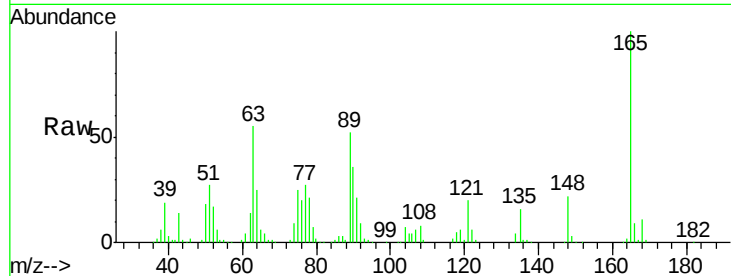
#51
2,6-Dinitrotoluene
Concen: 45.549 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	54.7	43.4	65.0
89	51.8	43.1	64.7

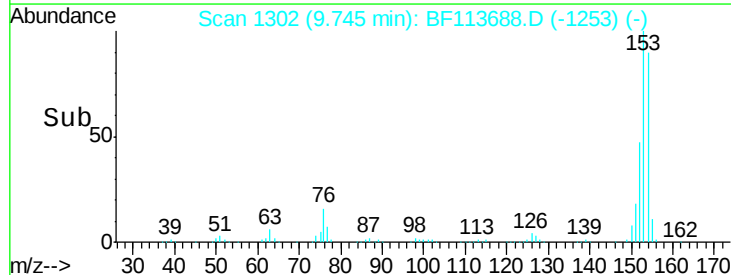
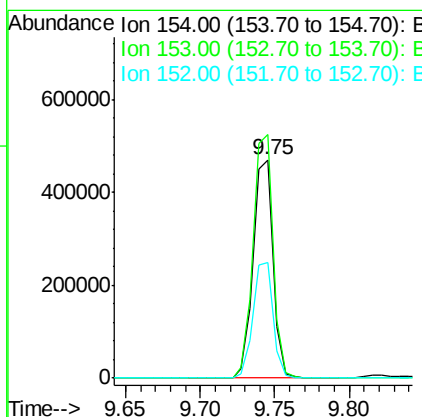
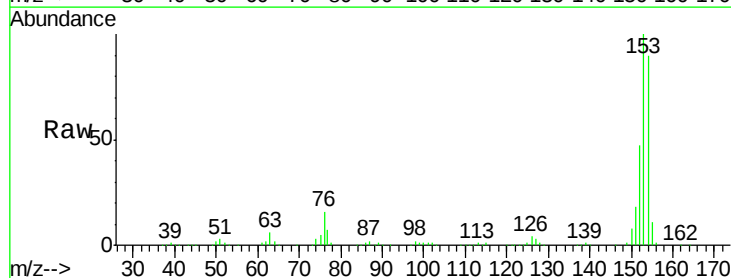
Manual Integrations
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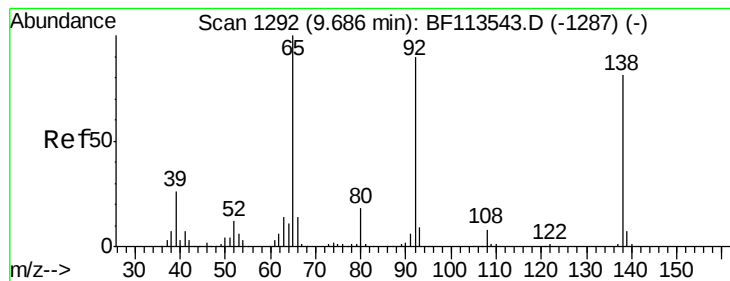
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#52
Acenaphthene
Concen: 46.686 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.4	89.5	134.3
152	52.6	43.3	64.9





#53

3-Nitroaniline

Concen: 15.465 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

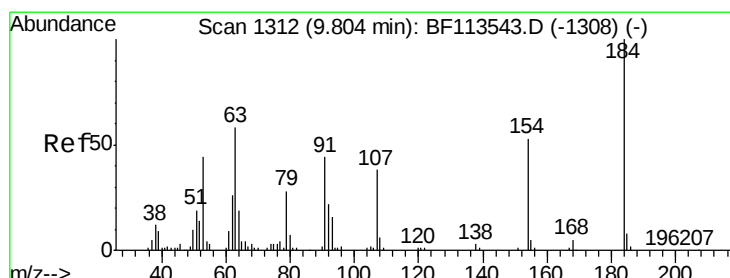
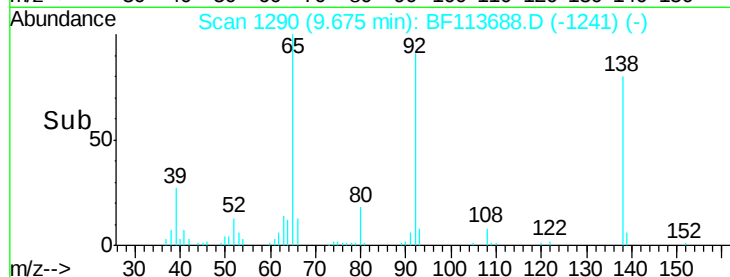
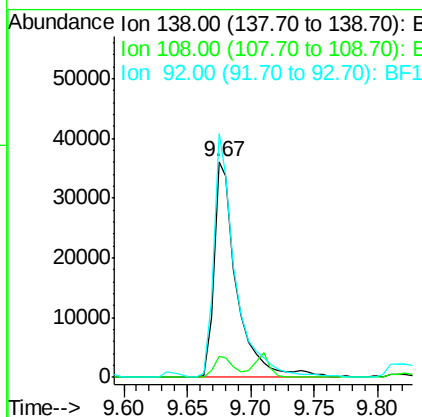
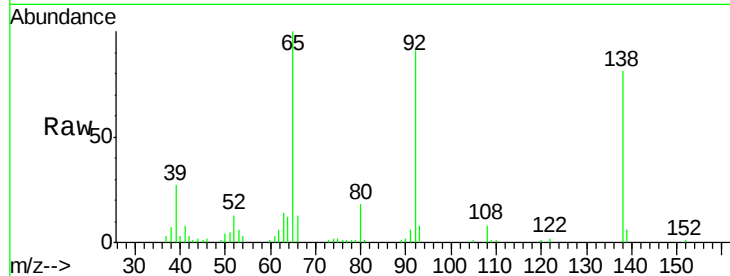
ClientSampled :

TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.6
92	112.7	82.6	124.0

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#54

2,4-Dinitrophenol

Concen: 19.603 ng

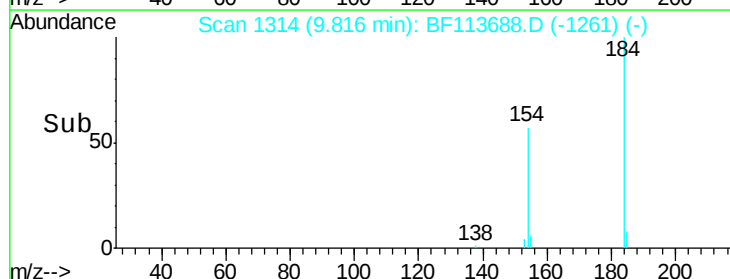
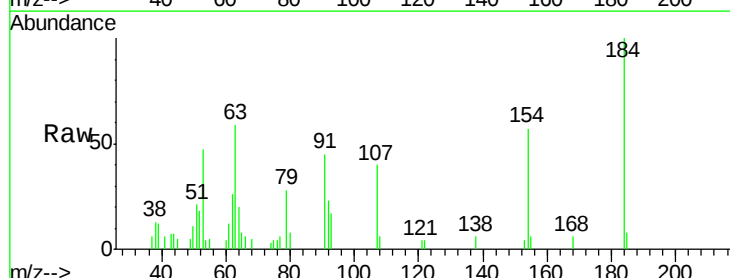
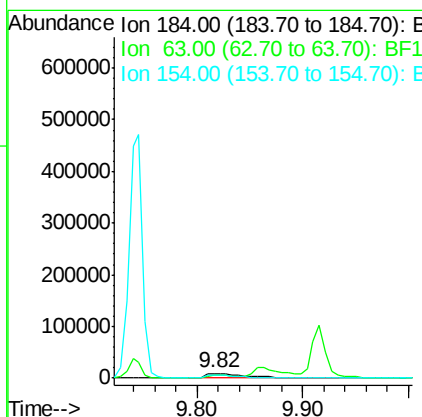
RT: 9.82 min Scan# 1314

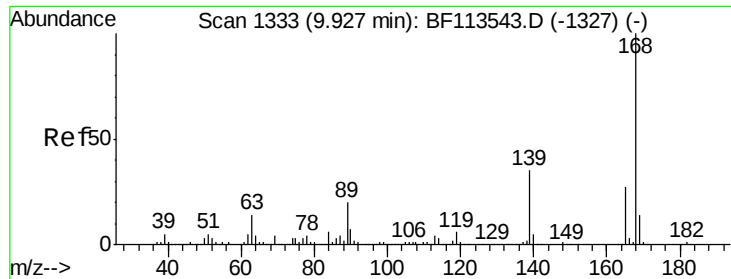
Delta R.T. 0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.2	54.3	81.5
154	56.8	48.4	72.6





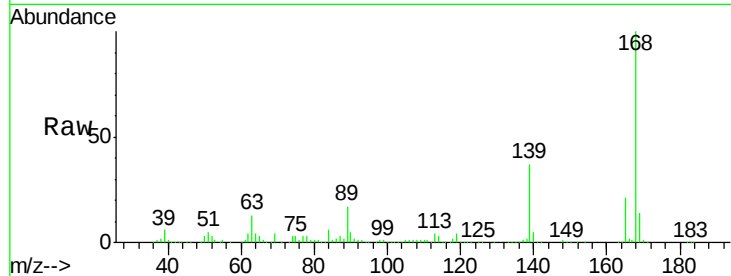
#55
Dibenzenofuran
Concen: 48.368 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

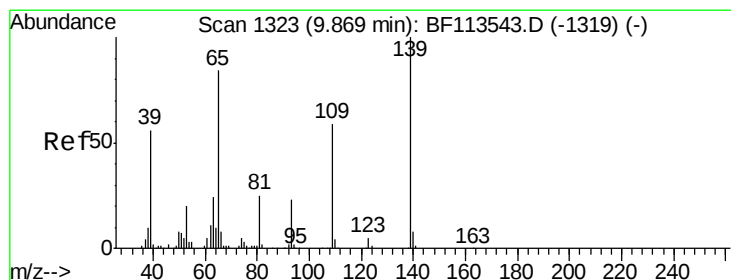
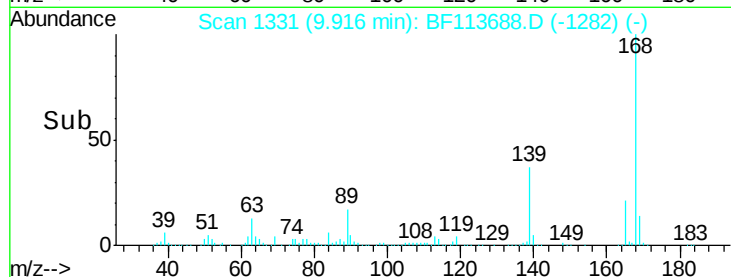
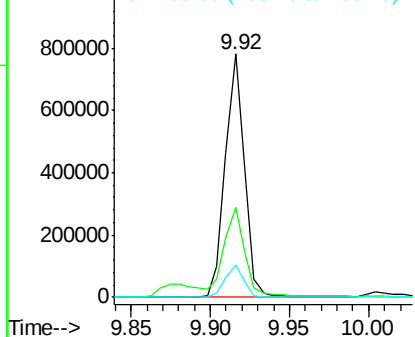
Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.7	44.5
169	13.5	10.7	16.1

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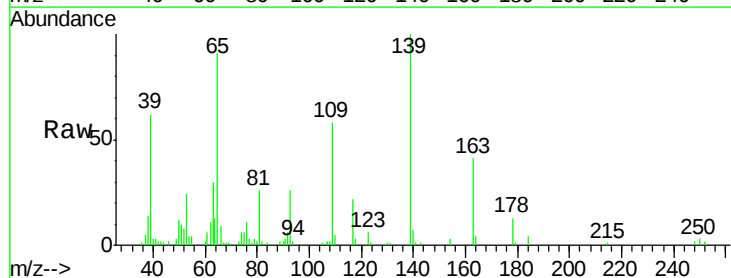


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

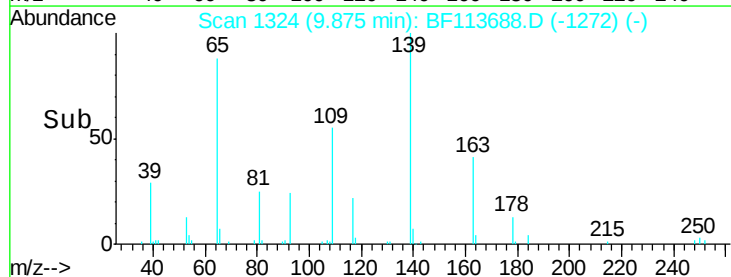
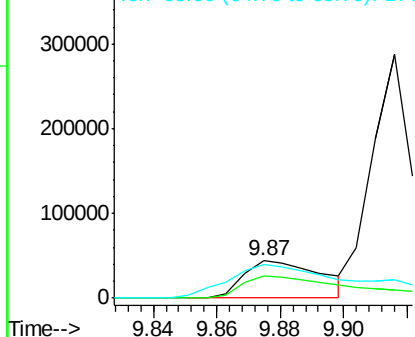


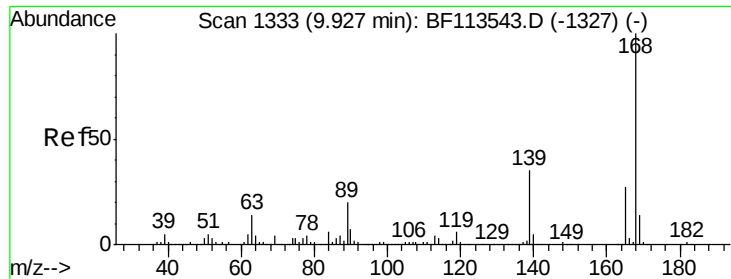
#56
4-Nitrophenol
Concen: 41.106 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.5	46.9	86.9
65	91.4	77.2	117.2



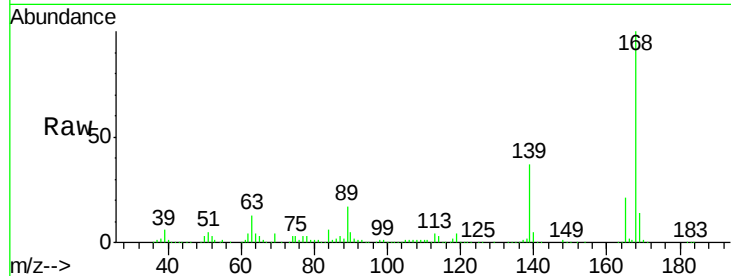
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#57
2,4-Dinitrotoluene
Concen: 46.729 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

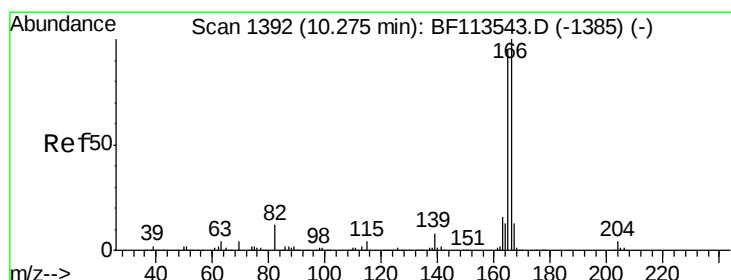
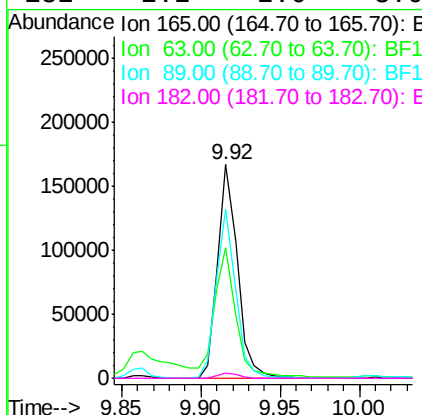
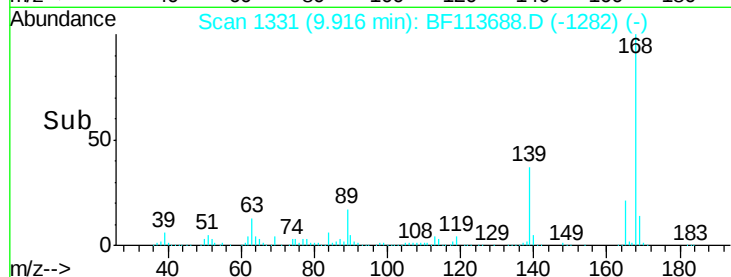
Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD



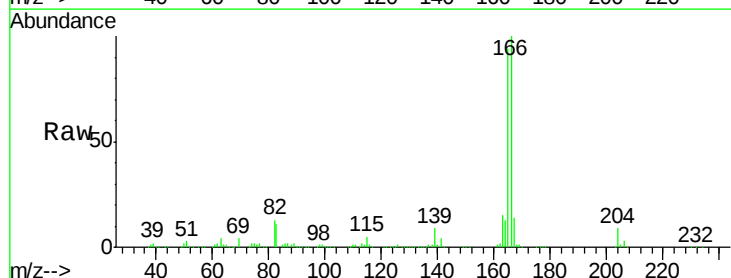
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	61.2	37.5	56.3#
89	79.4	57.4	86.2
182	2.2	2.0	3.0

Manual Integrations
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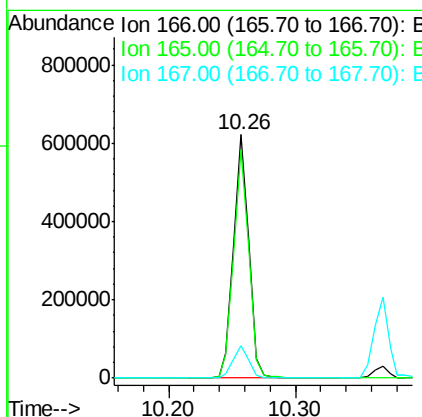
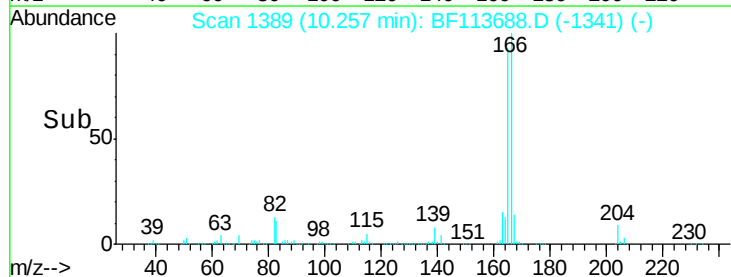
Sohil
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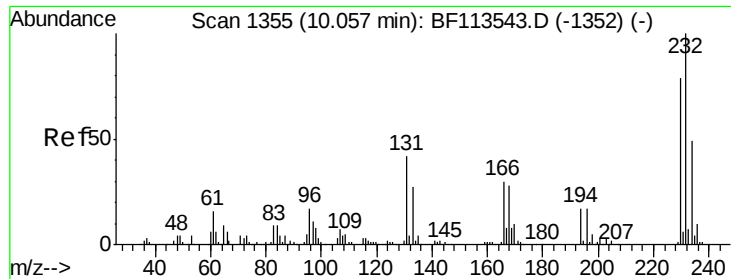


#58
Fluorene
Concen: 47.523 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09



Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	93.5	76.2	114.2
167	13.5	10.7	16.1





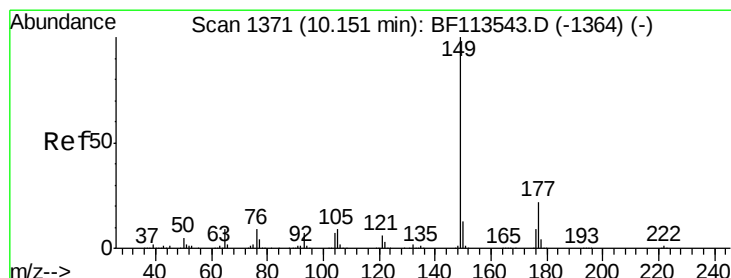
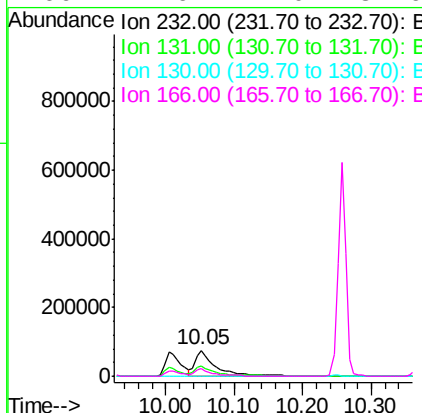
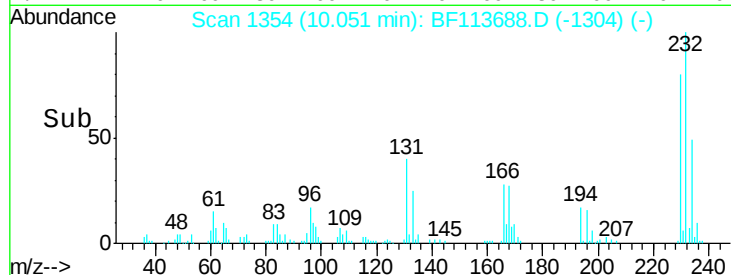
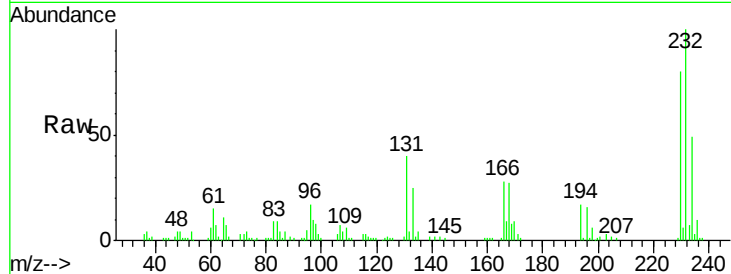
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.107 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	153886		
131	33.7	33.2	49.8	
130	1.7	1.6	2.4	
166	22.6	21.0	31.6	

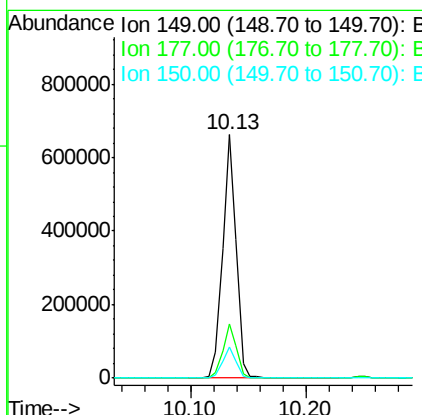
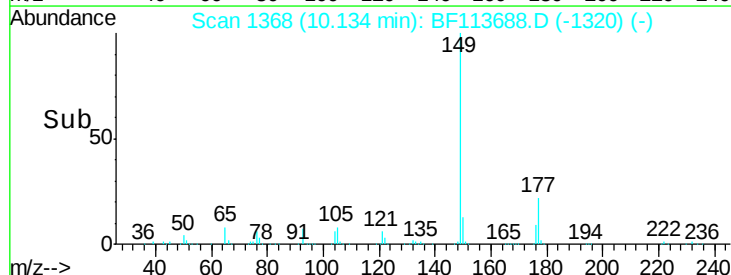
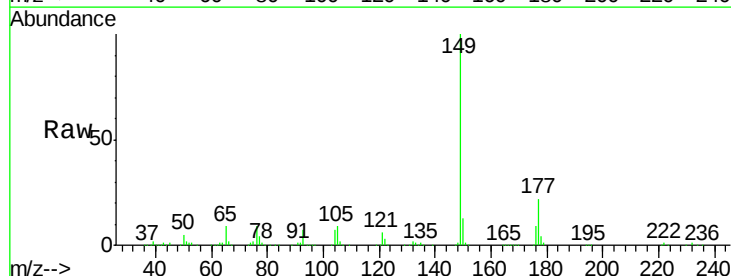
Manual Integrations
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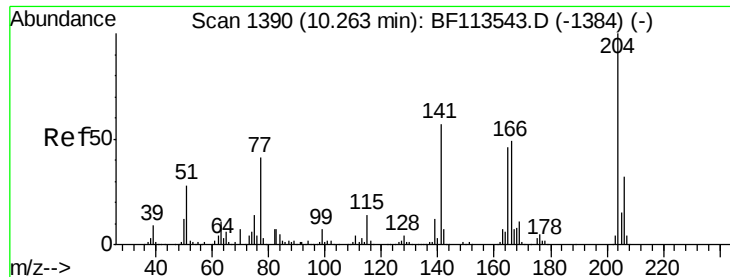
Sohil
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#60
 Diethylphthalate
 Concen: 47.868 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	539961		
177	22.1	17.4	26.0	
150	12.7	10.0	15.0	





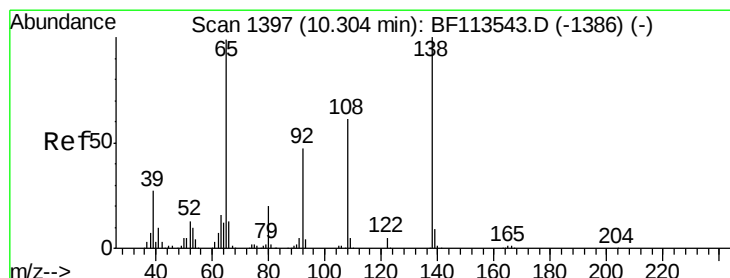
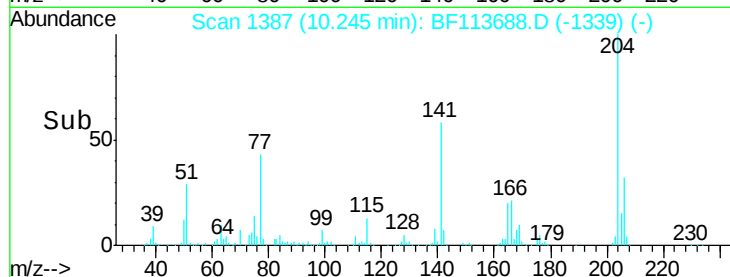
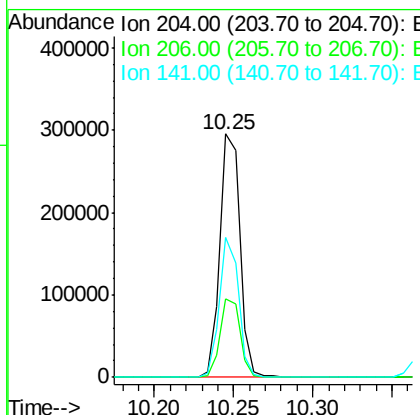
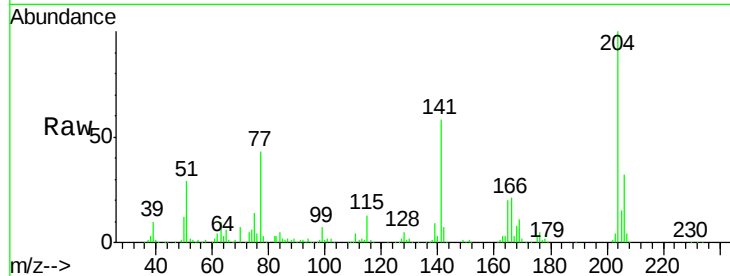
#61
 4-Chlorophenyl-phenylether
 Concen: 49.287 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.9	40.3
141	57.7	48.8	73.2

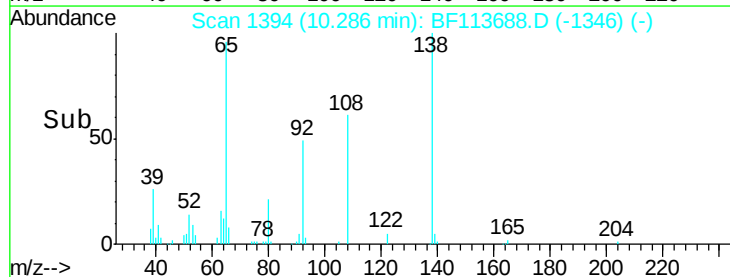
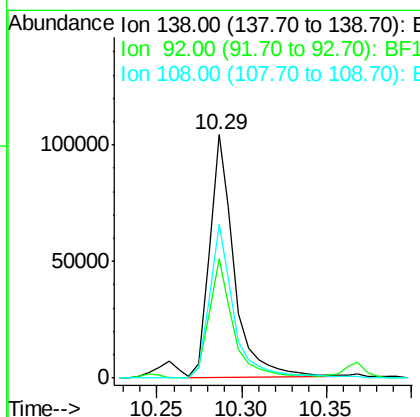
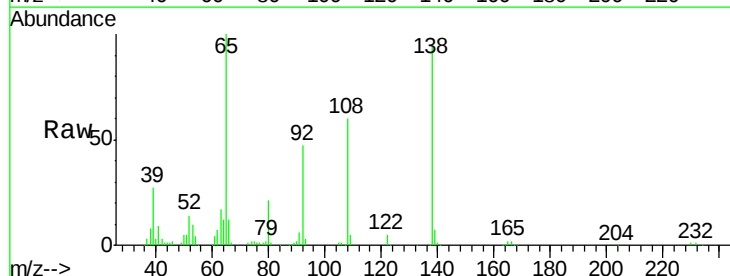
Manual Integrations
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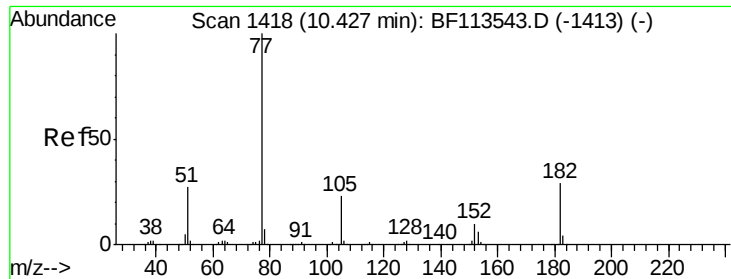
Sohil
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#62
 4-Nitroaniline
 Concen: 35.353 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	25.8	65.8
108	63.4	44.0	84.0





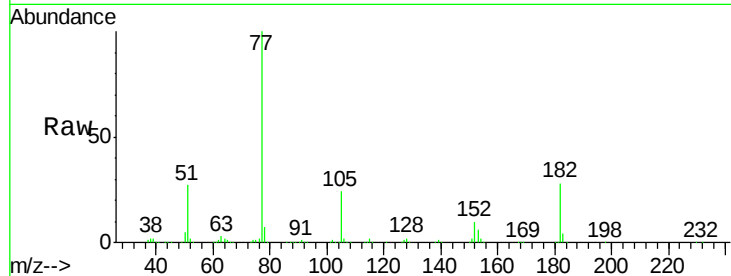
#63
Azobenzene
Concen: 45.931 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

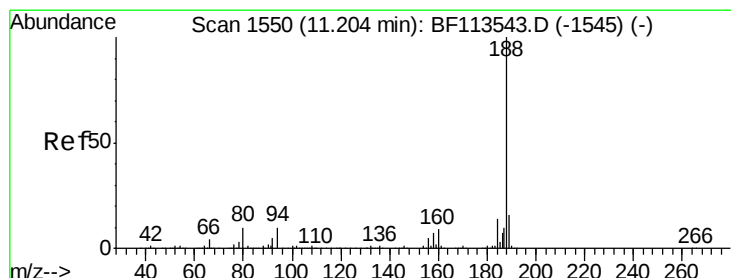
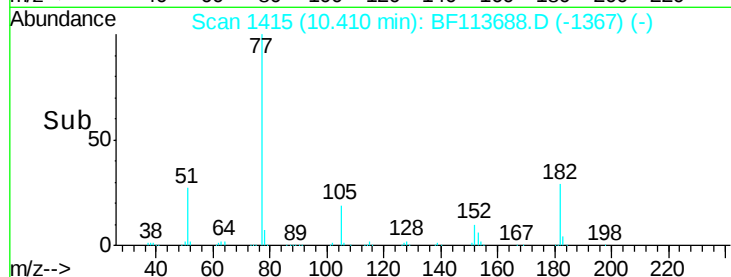
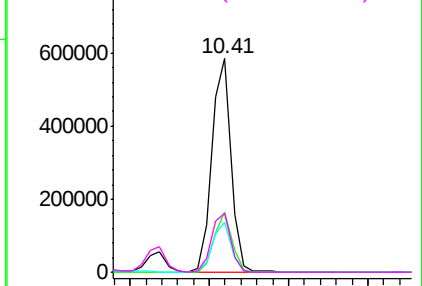
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.7	48.7
105	23.5	2.9	42.9
51	27.4	8.8	48.8

Manual Integrations
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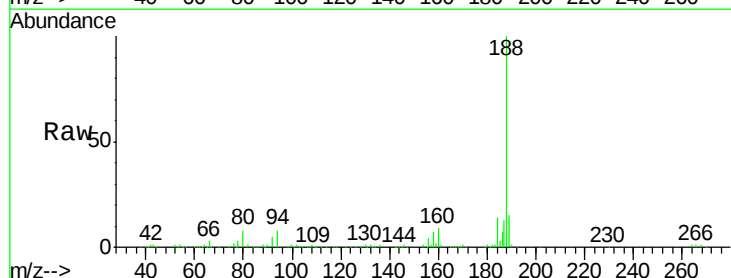


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

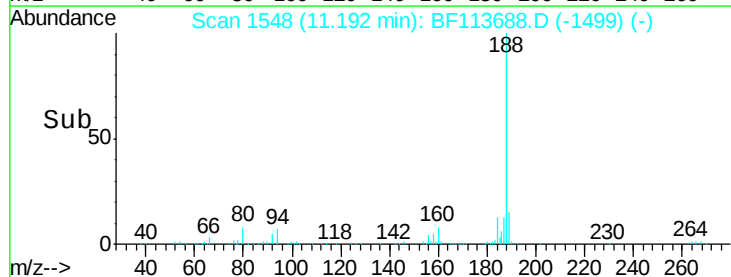
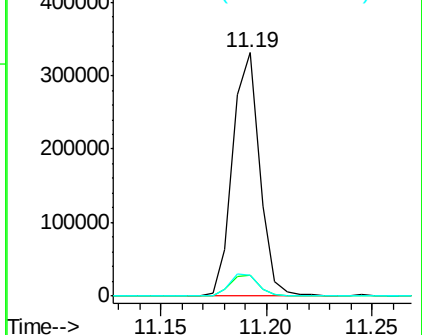


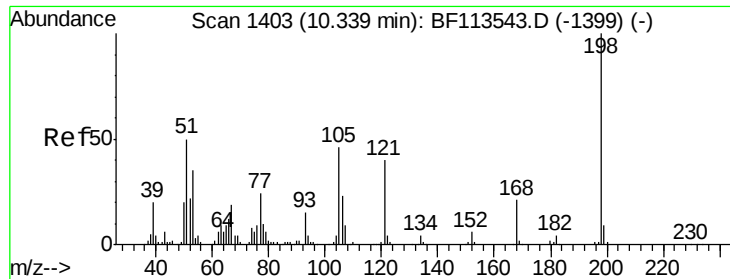
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.6
80	8.3	7.7	11.5



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





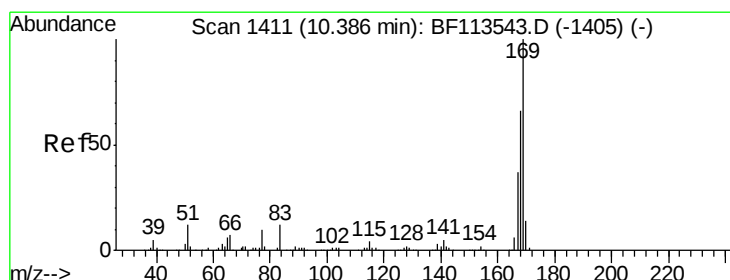
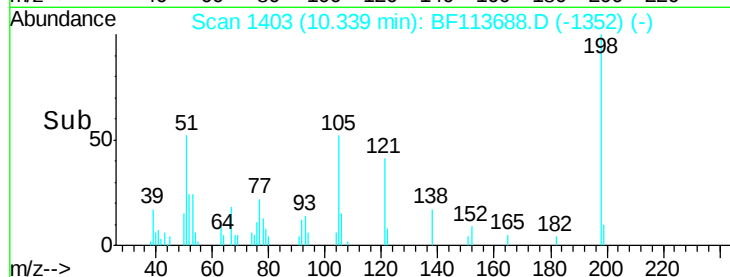
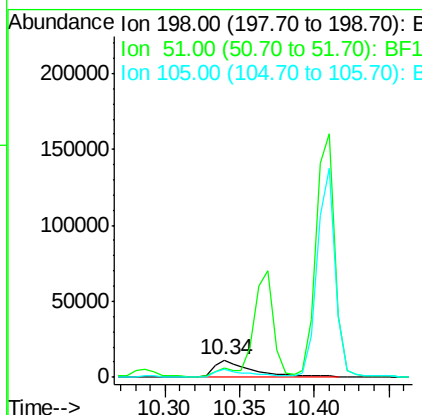
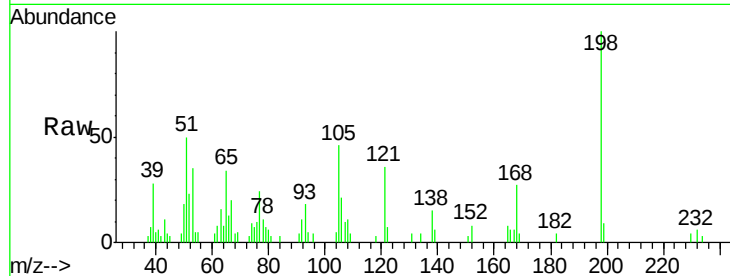
#65
4,6-Dinitro-2-methylphenol
Concen: 12.964 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	19931		
51	50.0	21.6	61.6	
105	45.6	20.6	60.6	

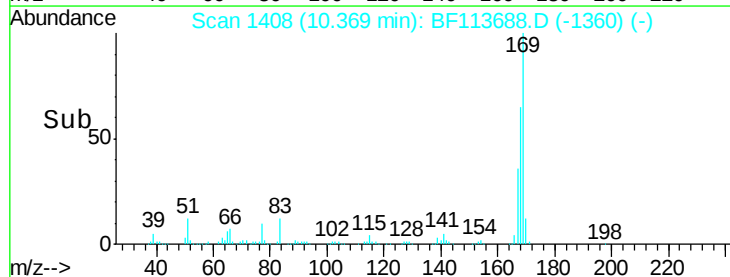
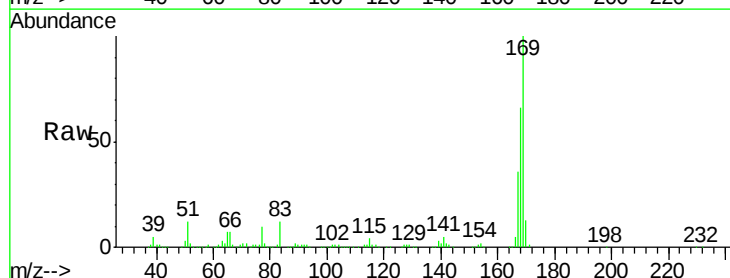
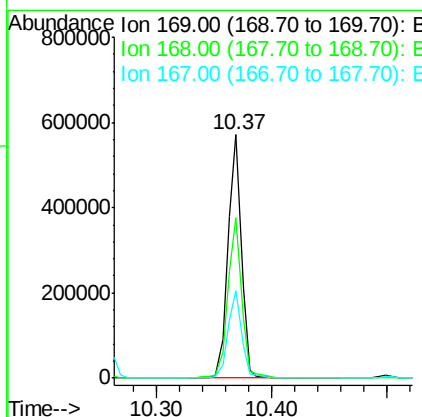
Manual Integrations
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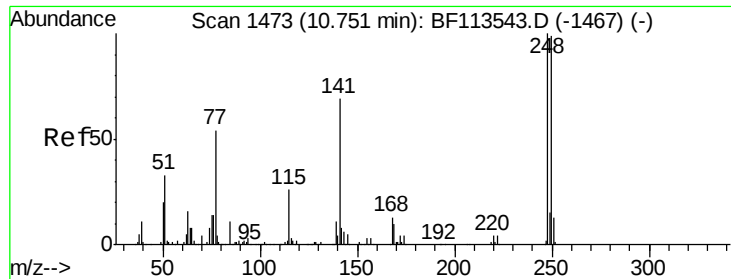
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 51.083 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	457977		
168	66.1	53.7	80.5	
167	36.1	29.5	44.3	





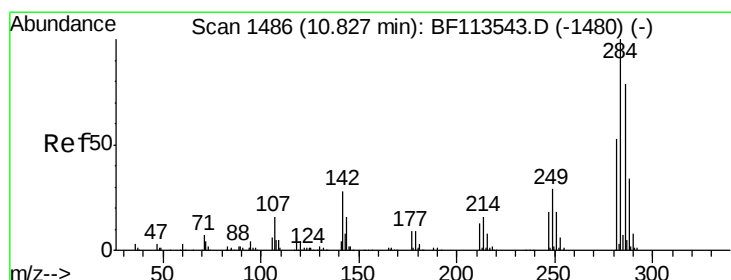
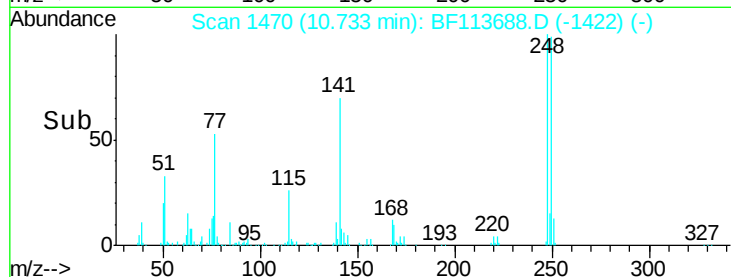
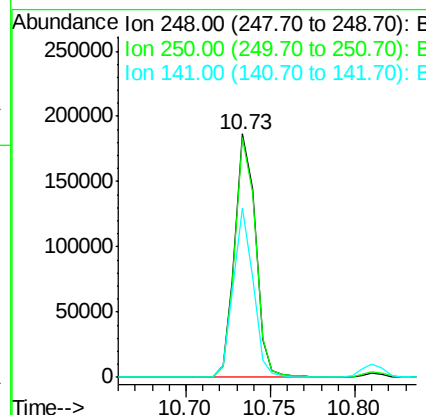
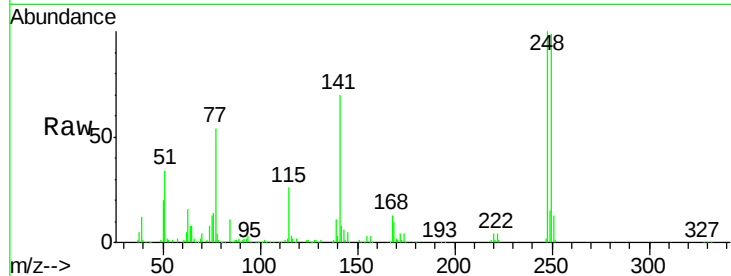
#67
 4-Bromophenyl-phenylether
 Concen: 48.946 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.3	117.5
141	69.6	56.2	84.4

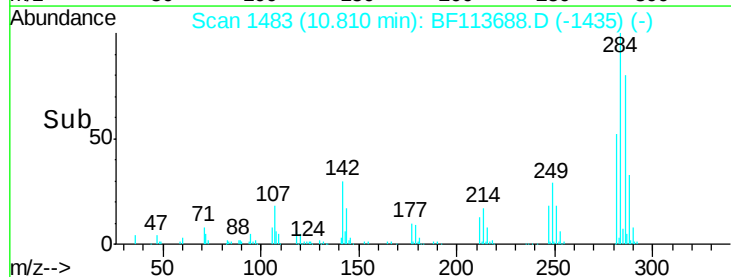
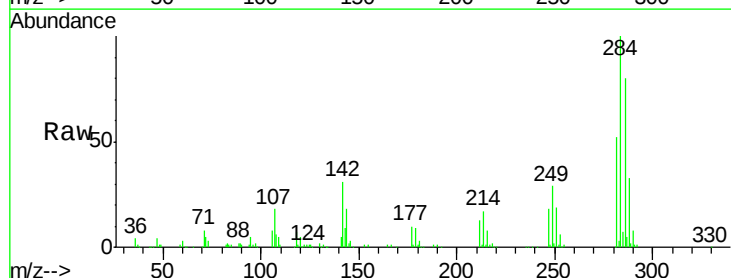
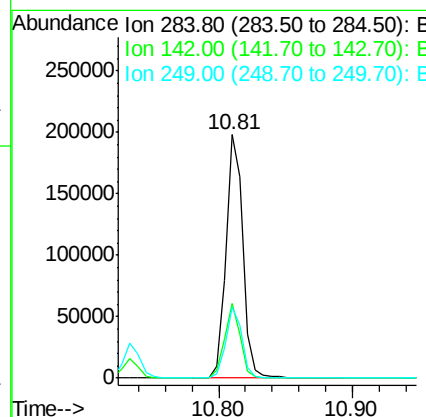
Manual Integrations
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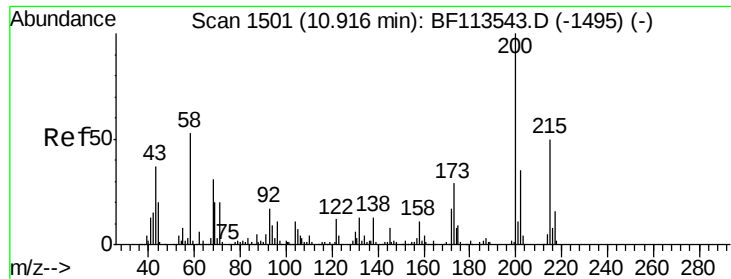
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#68
 Hexachlorobenzene
 Concen: 47.154 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	20.1	30.1#
249	28.9	22.7	34.1





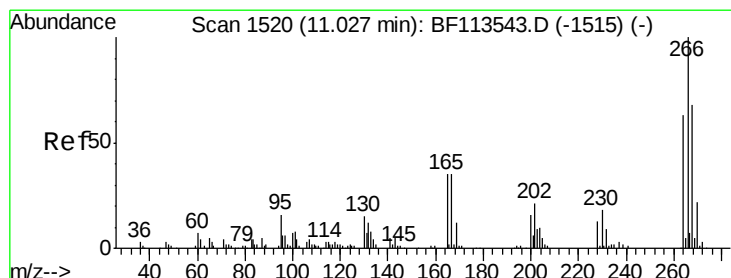
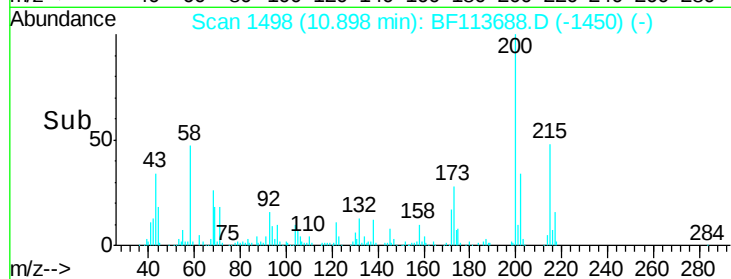
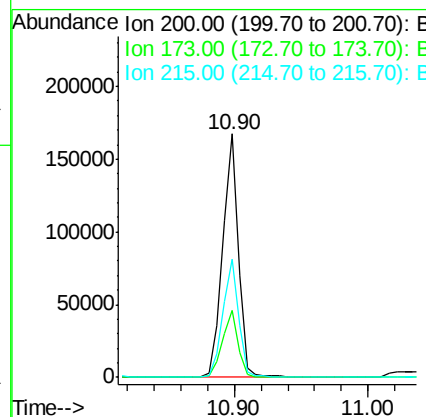
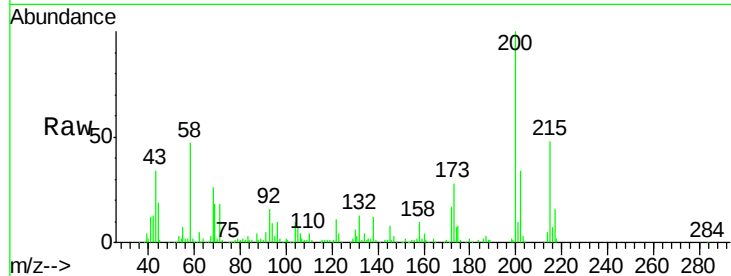
#69
 Atrazine
 Concen: 49.832 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampled :
 TP-14-SMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	6.0	46.0
215	48.4	31.3	71.3

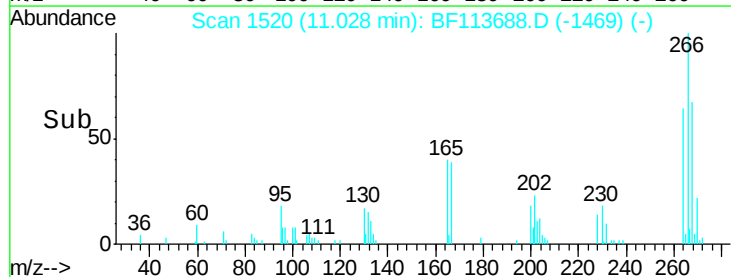
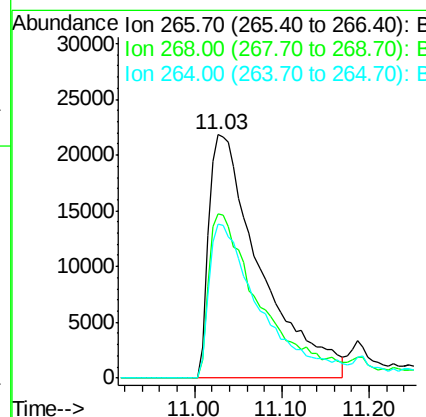
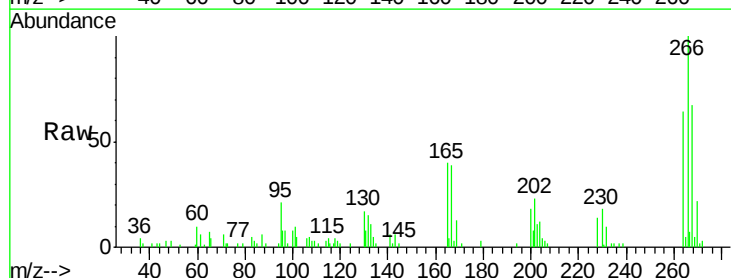
Manual Integrations
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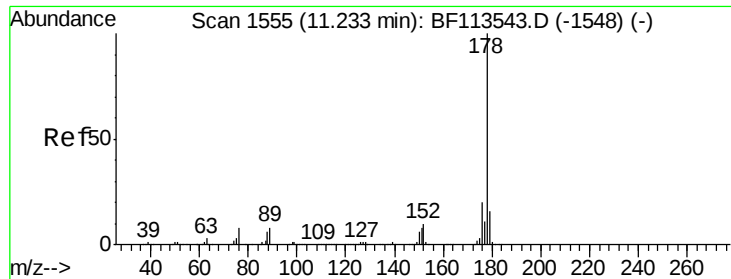
Sohil
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#70
 Pentachlorophenol
 Concen: 50.218 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	72.2	53.8	80.6
264	63.5	49.2	73.8





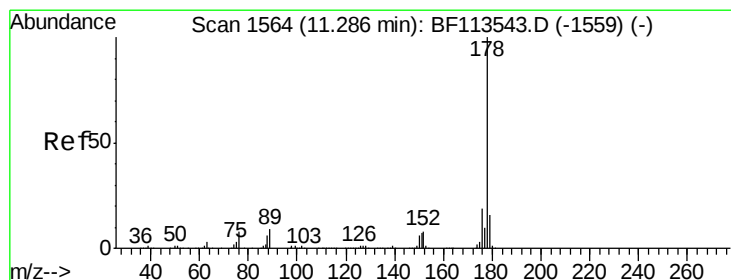
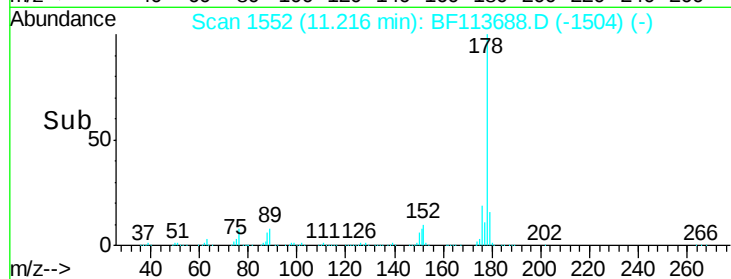
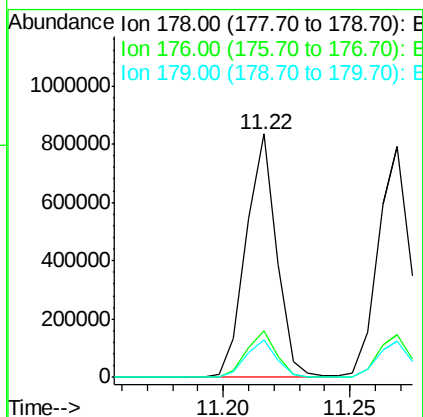
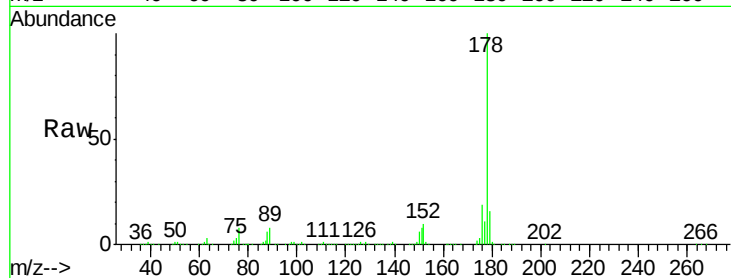
#71
Phenanthrene
Concen: 48.359 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.5	12.7	19.1

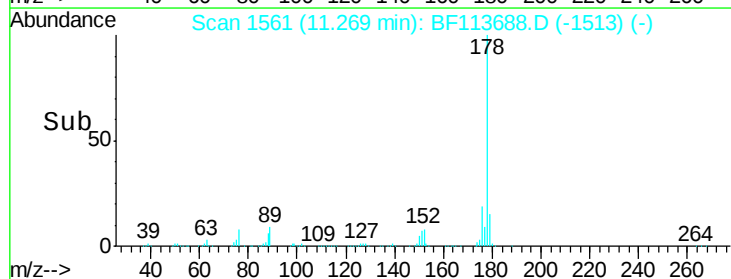
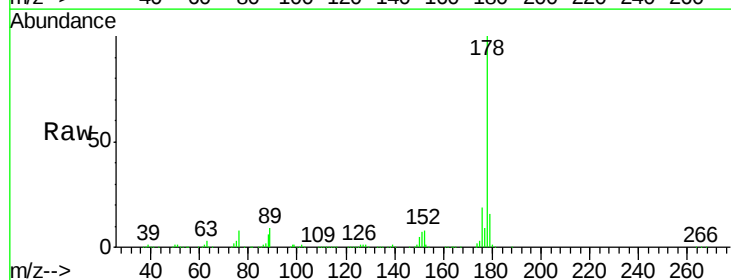
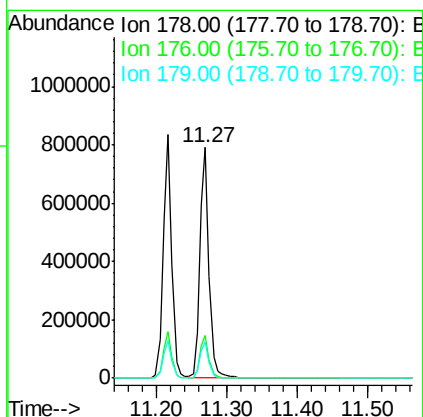
Manual Integrations
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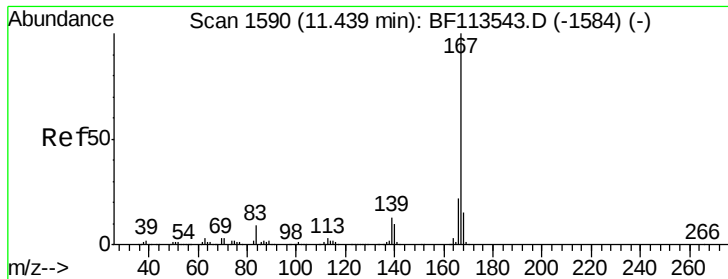
Sohil
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#72
Anthracene
Concen: 49.112 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.6	12.8	19.2





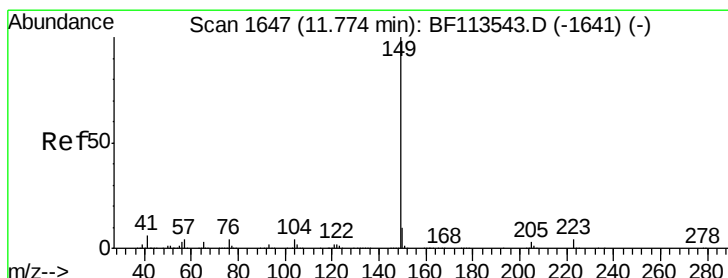
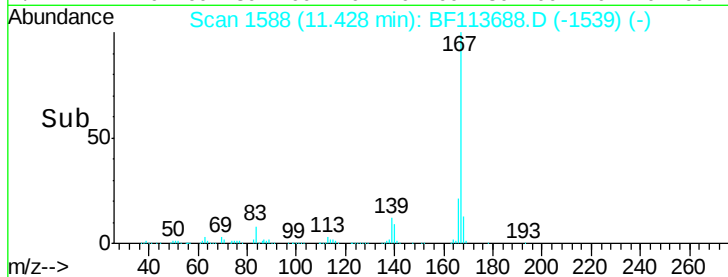
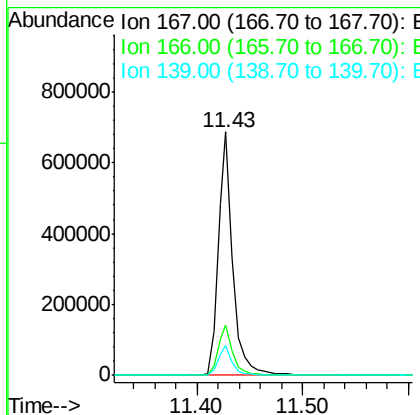
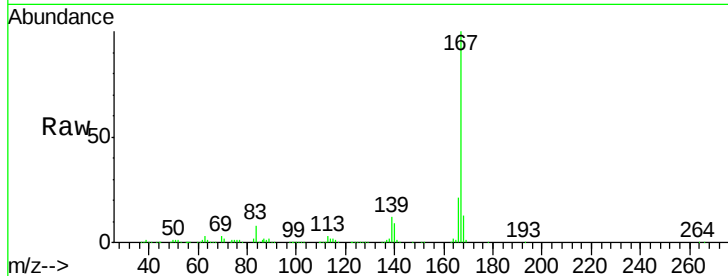
#73
 Carbazole
 Concen: 48.097 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	664160		
166	20.8	17.4	26.0	
139	12.4	10.4	15.6	

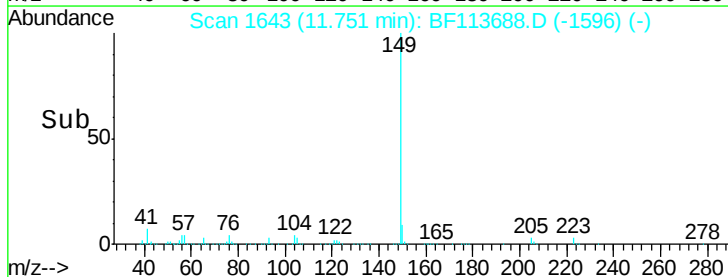
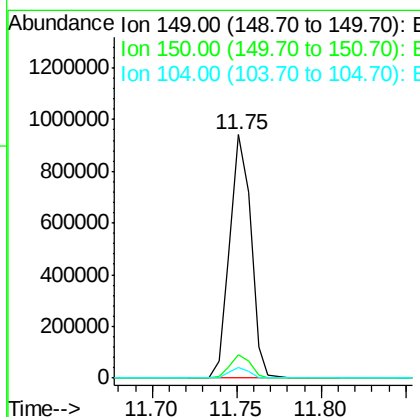
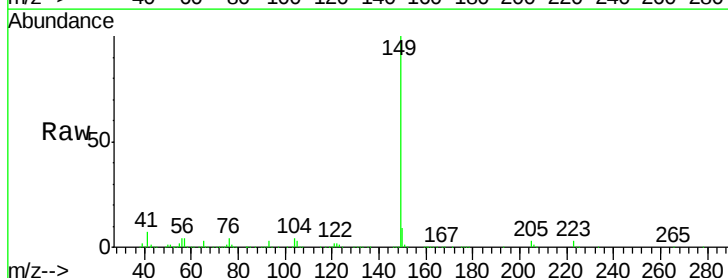
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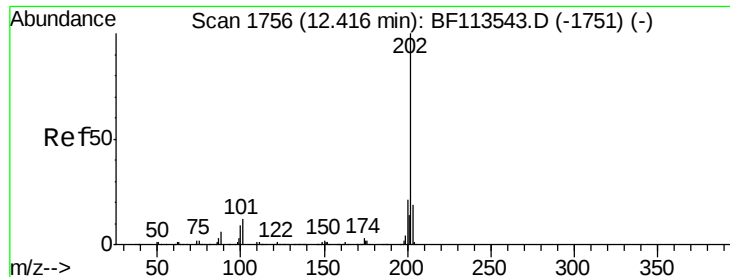
Sohil
 4/10/2019 6:20:44 PM



#74
 Di-n-butylphthalate
 Concen: 50.273 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	825828		
150	9.5	7.7	11.5	
104	4.4	3.7	5.5	





#75

Fluoranthene

Concen: 45.966 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

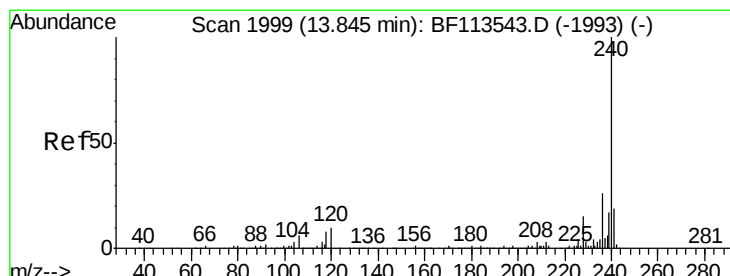
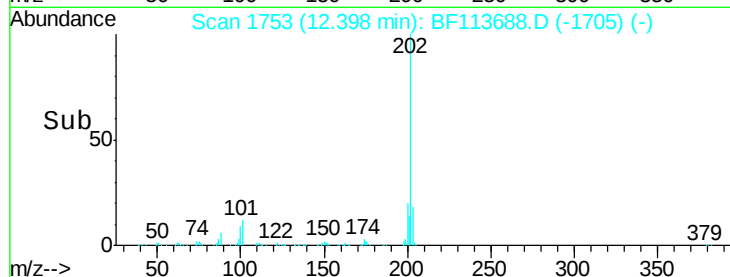
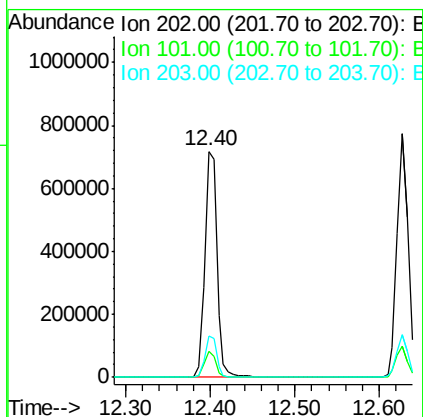
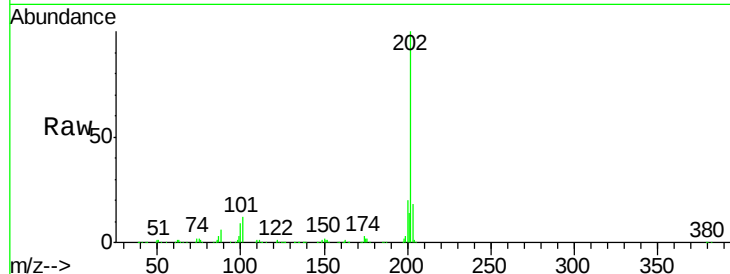
ClientSampleId :

TP-14-SMSD

Tgt Ion:	202	Resp:	714776
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.4
203	18.0	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

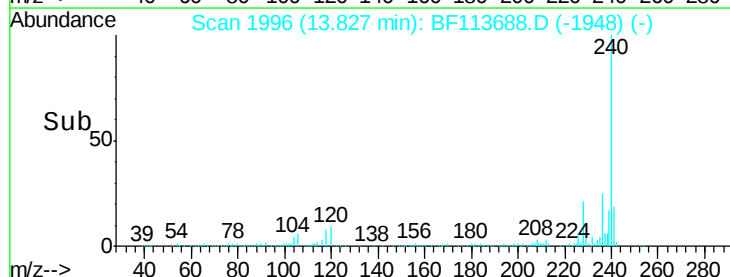
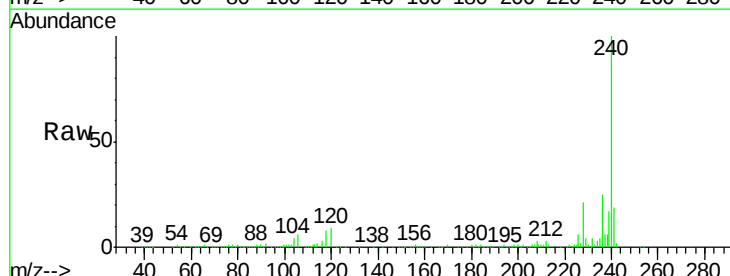
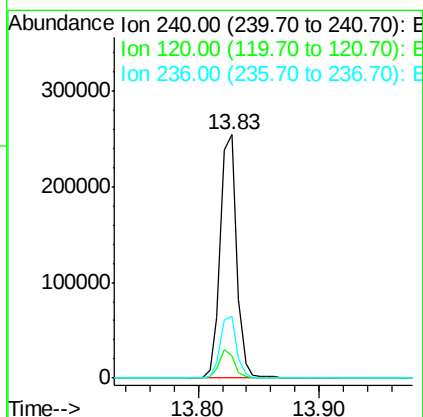
RT: 13.83 min Scan# 1996

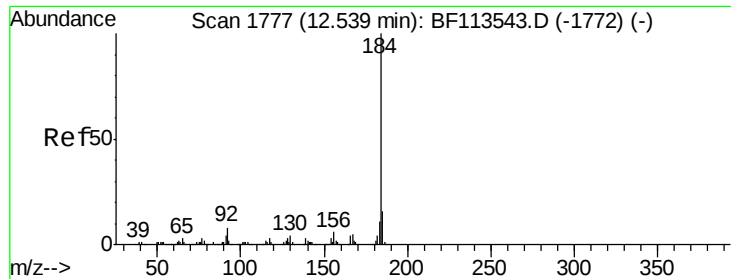
Delta R.T. -0.02 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion:	240	Resp:	237456
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.8	13.2
236	25.5	20.9	31.3





#77

Benzidine

Concen: 5.920 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

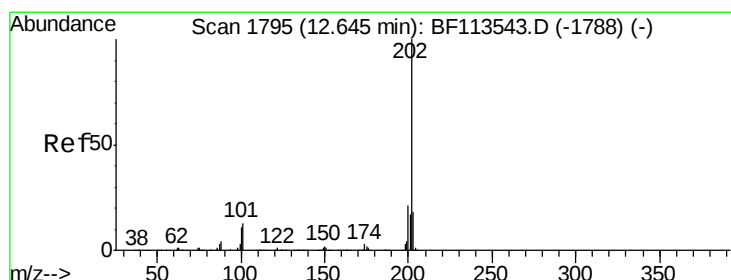
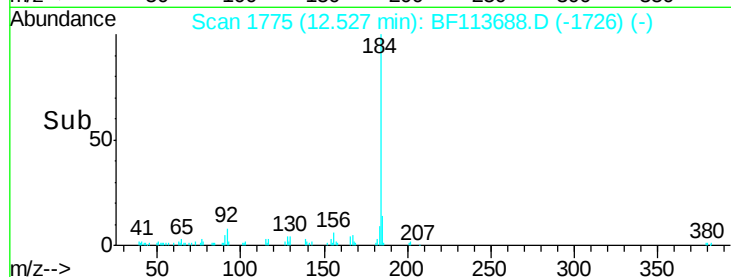
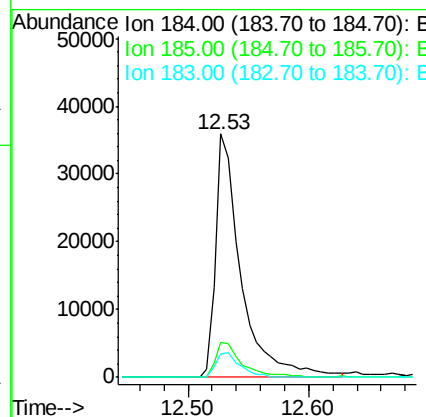
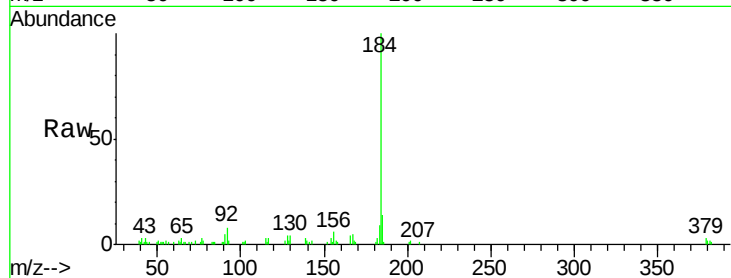
ClientSampleId :

TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.0	19.6
183	9.4	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 39.660 ng

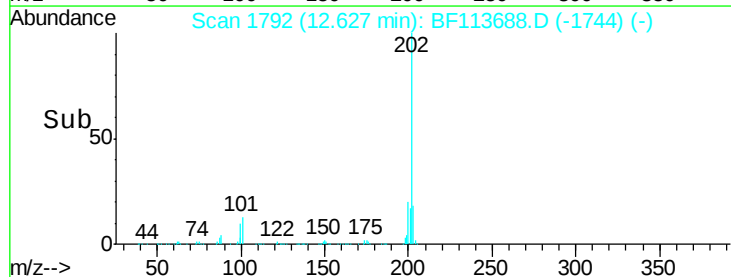
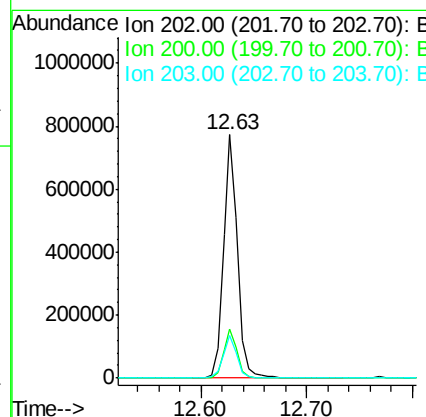
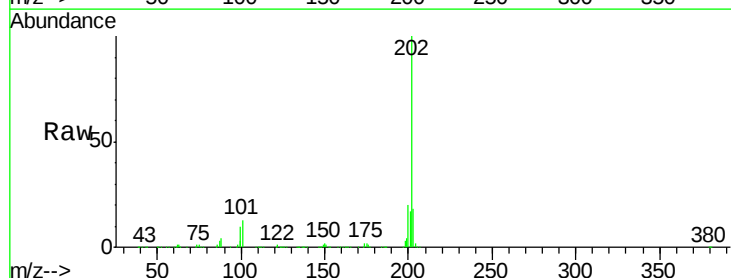
RT: 12.63 min Scan# 1792

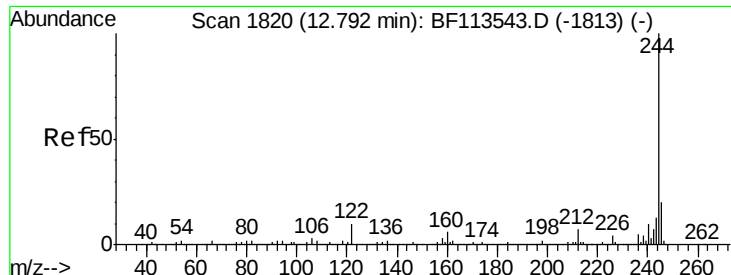
Delta R.T. -0.02 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	17.8	14.4	21.6





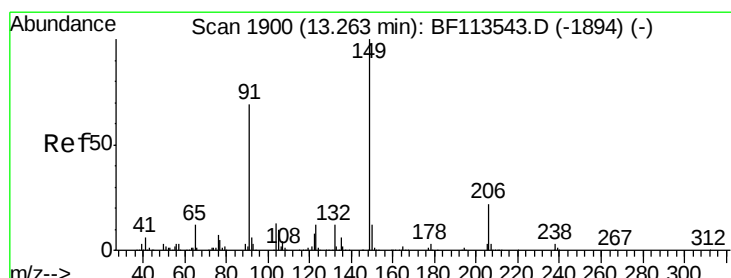
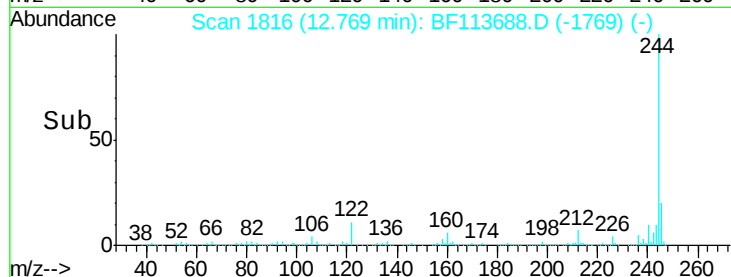
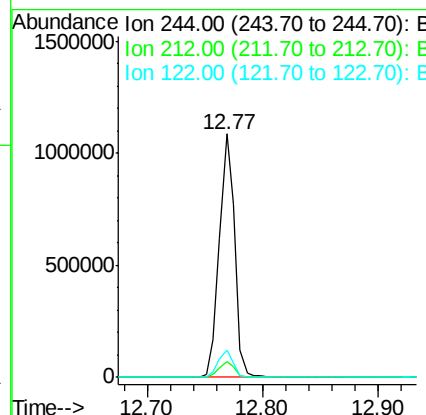
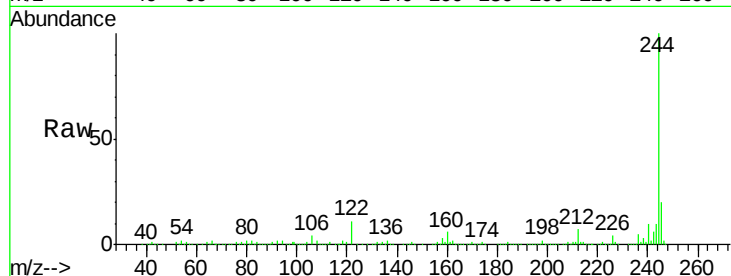
#79
 Terphenyl-d14
 Concen: 85.806 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.3	8.6	13.0

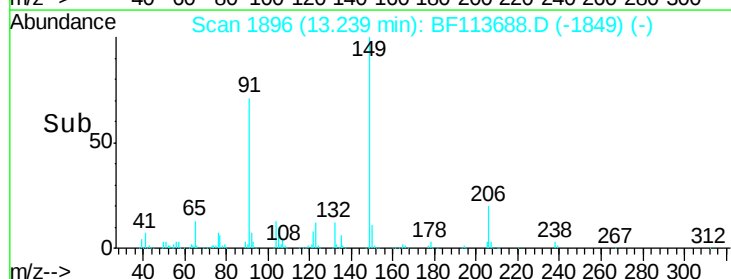
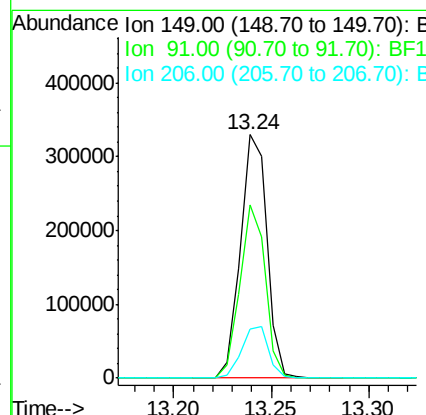
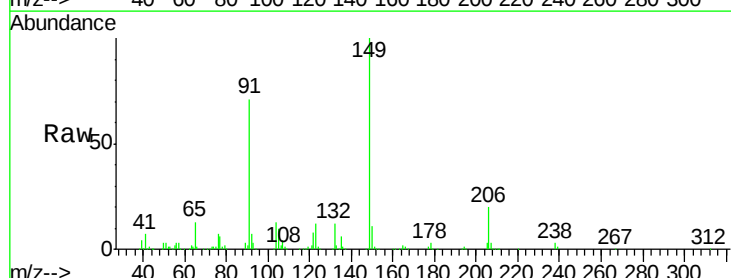
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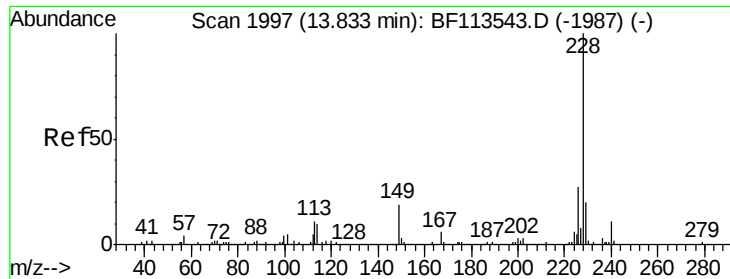
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#80
 Butylbenzylphthalate
 Concen: 42.454 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BF113688.D
 Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.2	55.2	82.8
206	19.9	16.1	24.1





#81

Benzo(a)anthracene

Concen: 44.747 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Instrument :

BNA_F

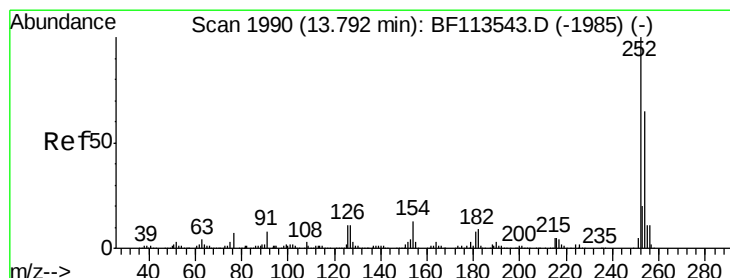
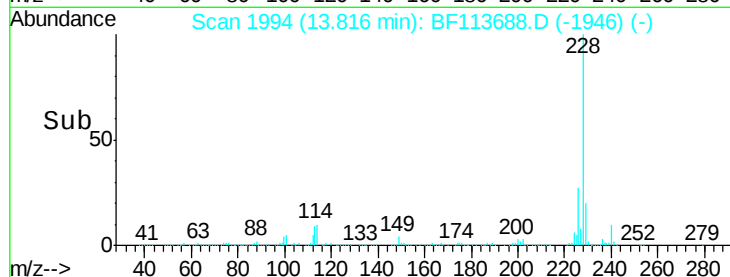
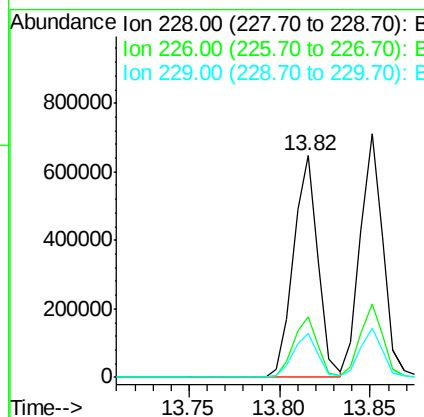
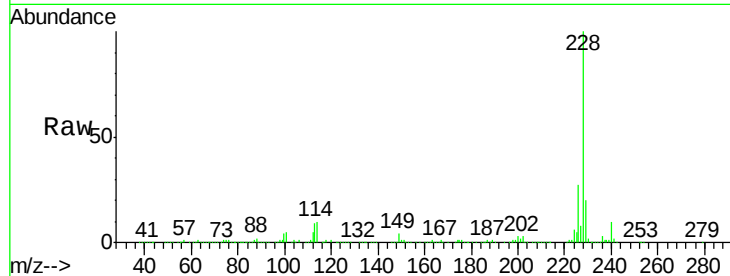
ClientSampleId :

TP-14-SMSD

Tgt Ion:	228	Resp:	612940
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.8
229	19.8	16.2	24.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 19.121 ng

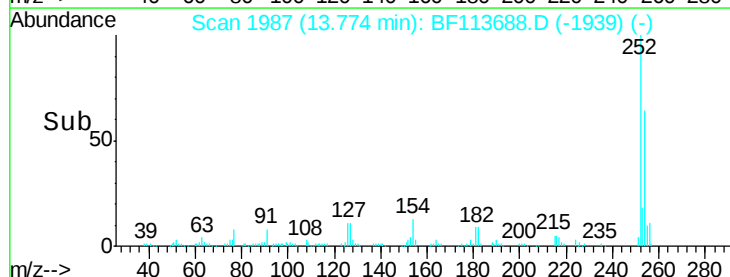
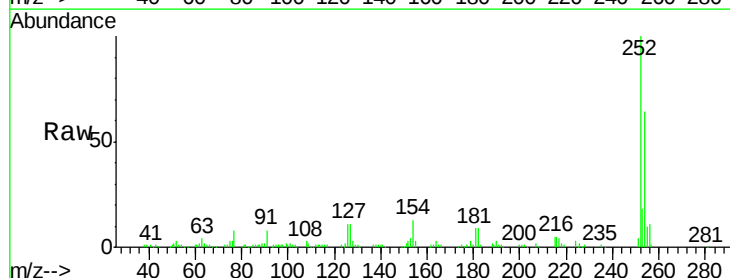
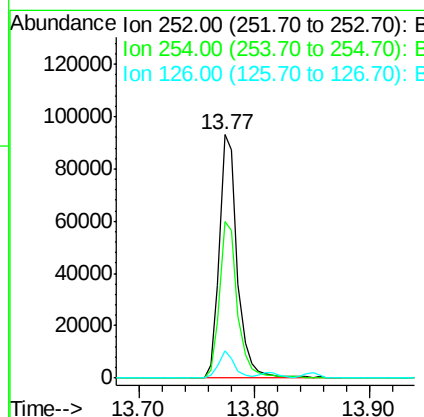
RT: 13.77 min Scan# 1987

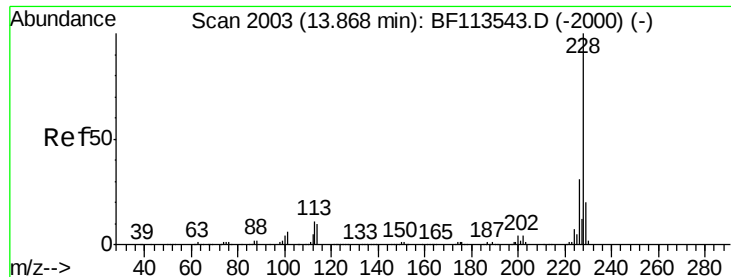
Delta R.T. -0.02 min

Lab File: BF113688.D

Acq: 10 Apr 2019 7:09

Tgt Ion:	252	Resp:	100882
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.2	78.2
126	11.3	8.5	12.7





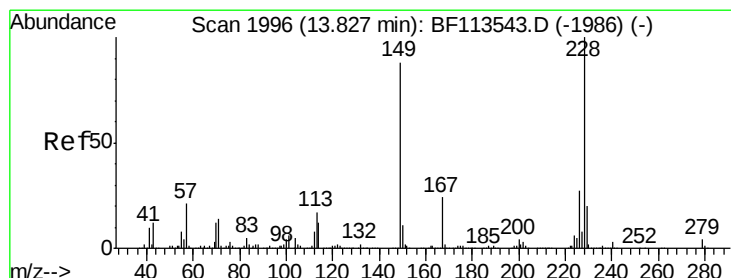
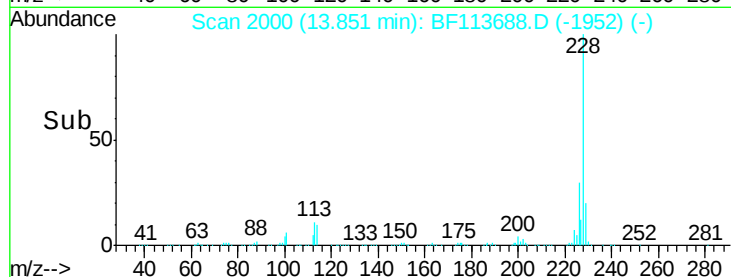
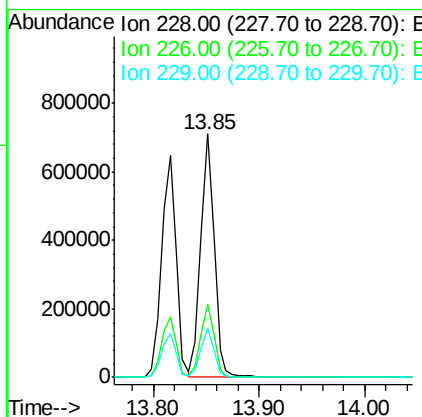
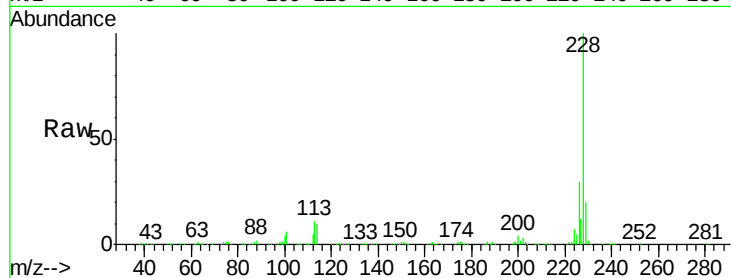
#83
Chrysene
Concen: 45.272 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	628630		
226	30.3	24.3	36.5	
229	20.0	16.3	24.5	

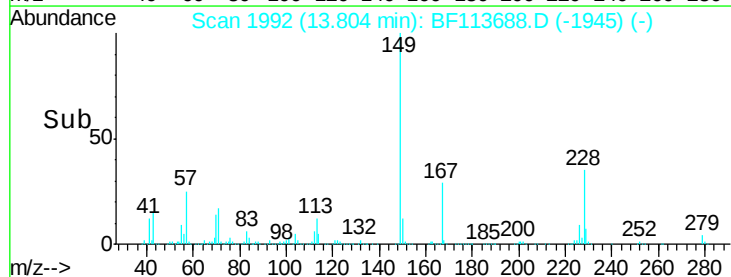
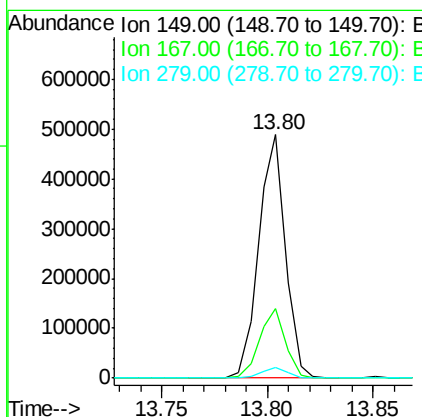
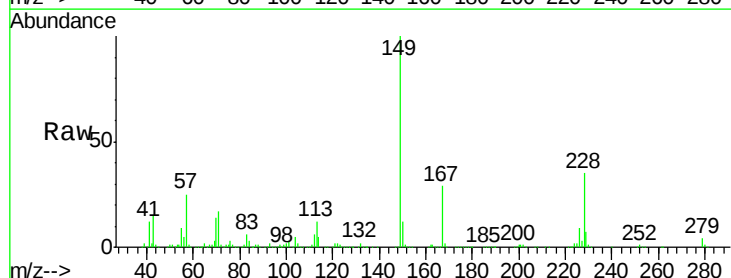
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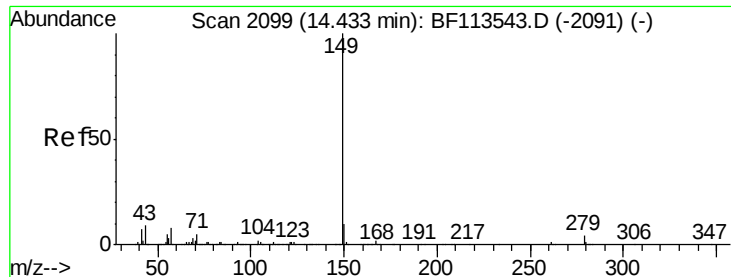
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.333 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	429783		
167	28.6	21.8	32.8	
279	4.4	2.9	4.3#	





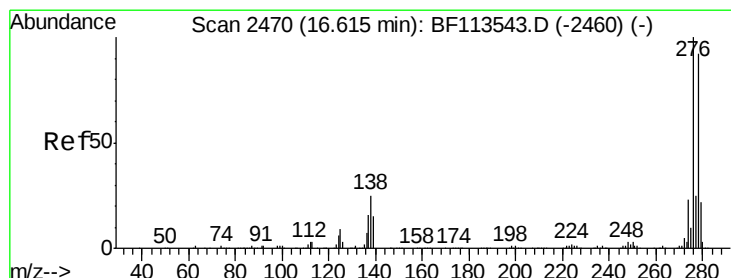
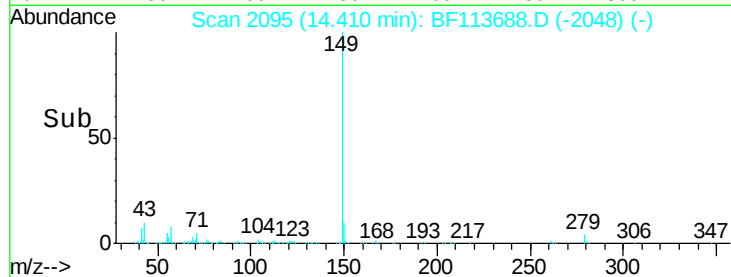
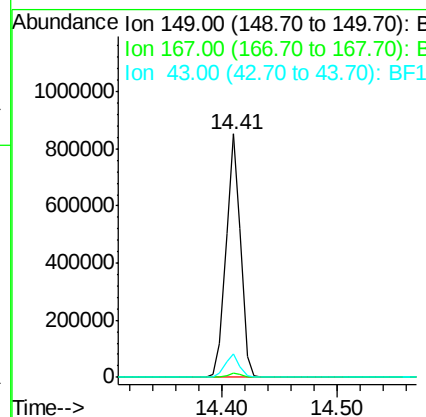
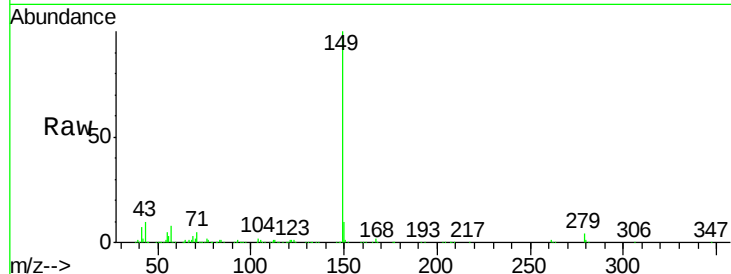
#85
Di-n-octyl phthalate
Concen: 51.237 ng
RT: 14.41 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampled :
TP-14-SMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	740592		
167	1.6		1.3	1.9
43	9.5		7.7	11.5

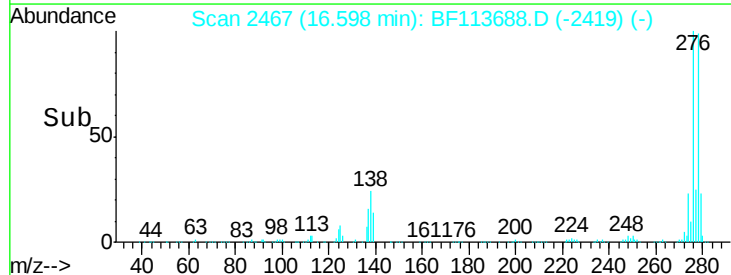
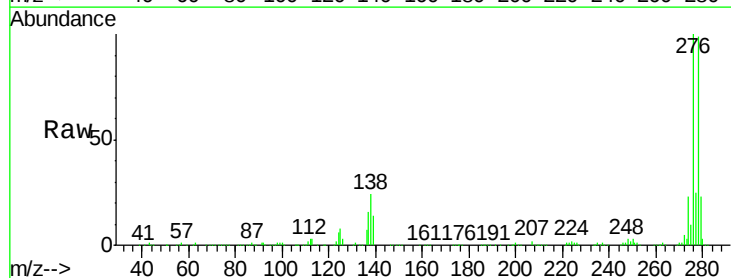
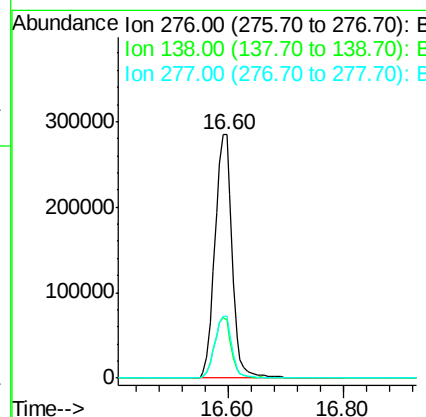
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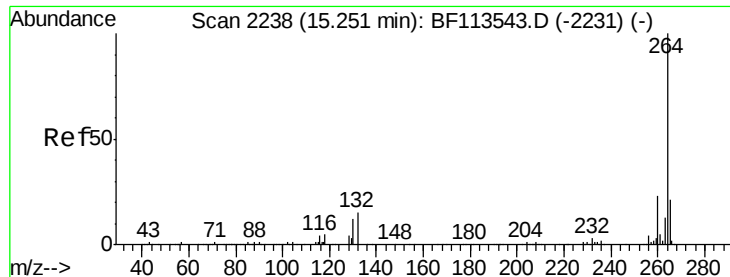
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.424 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	595169		
138	24.1		18.1	27.1
277	25.1		20.2	30.4





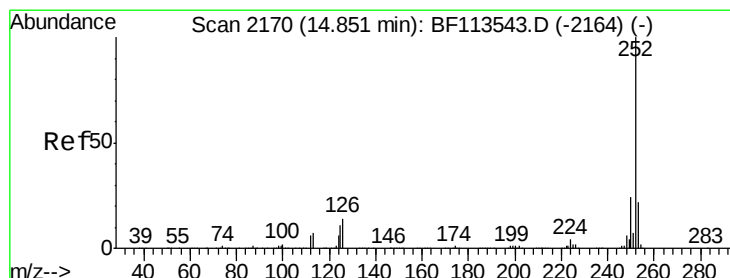
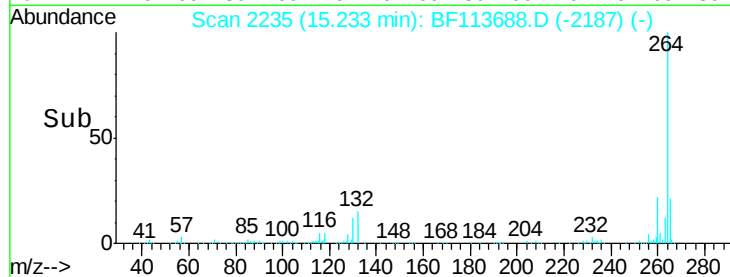
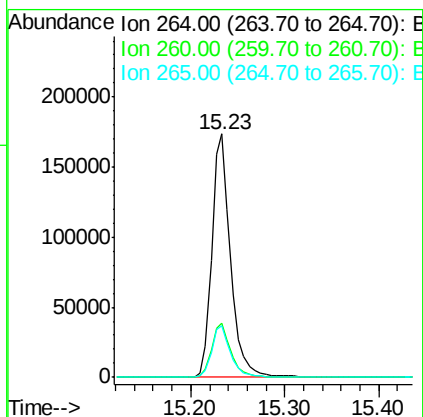
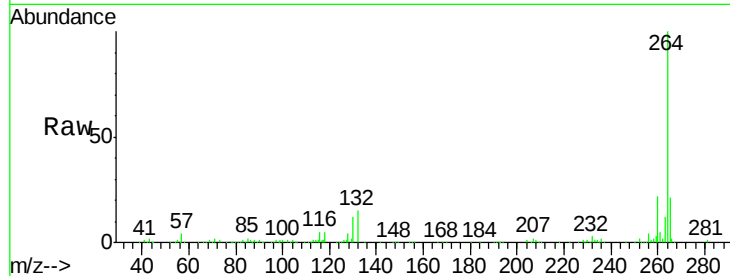
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.1	28.7
265	21.3	17.1	25.7

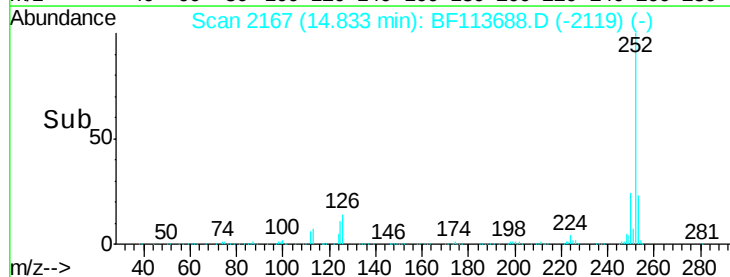
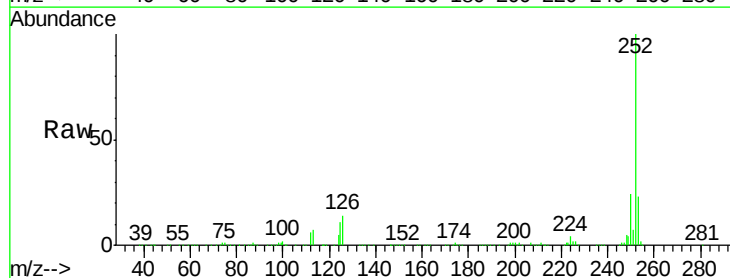
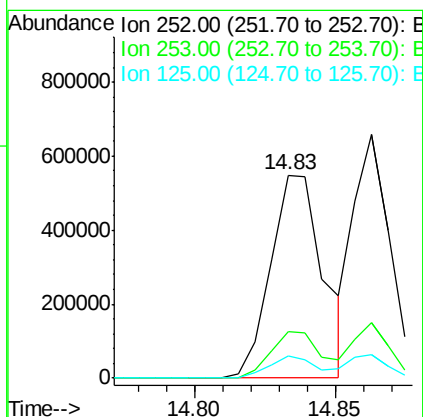
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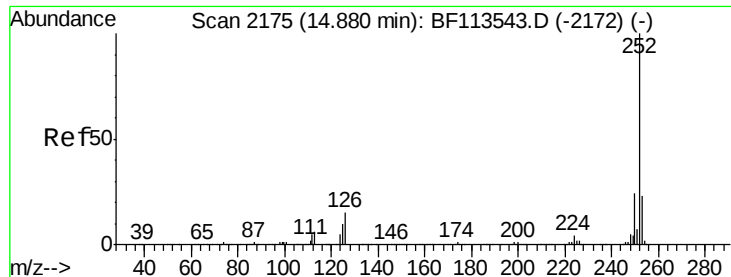
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#88
Benzo(b)fluoranthene
Concen: 47.824 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.0	7.6	11.4





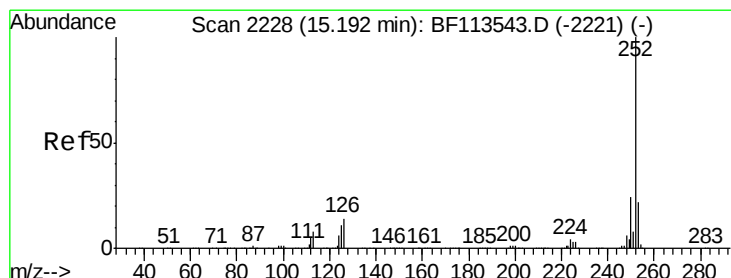
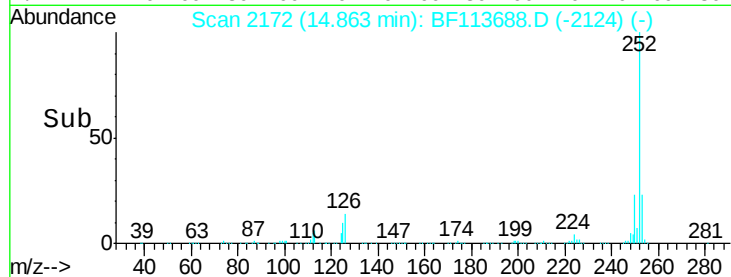
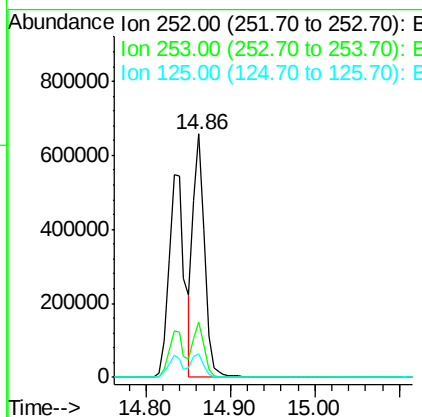
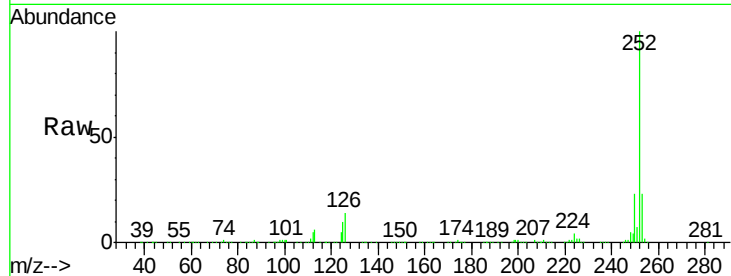
#89
Benzo(k)fluoranthene
Concen: 45.562 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	9.5	7.3	10.9

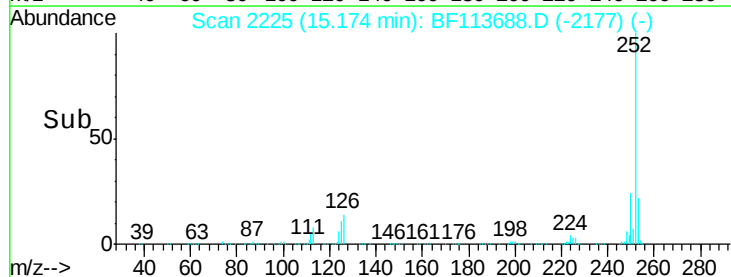
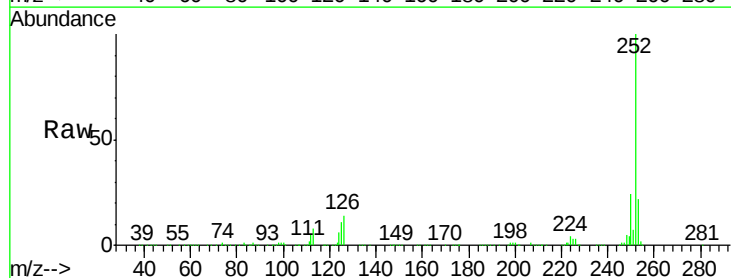
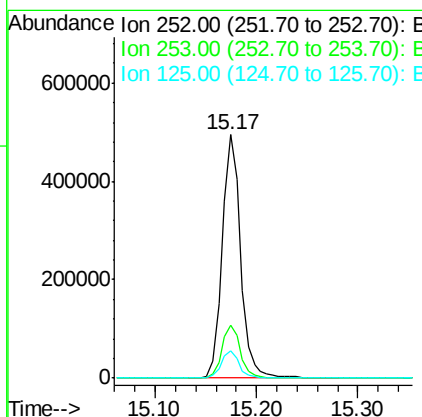
Manual Integrations
APPROVED

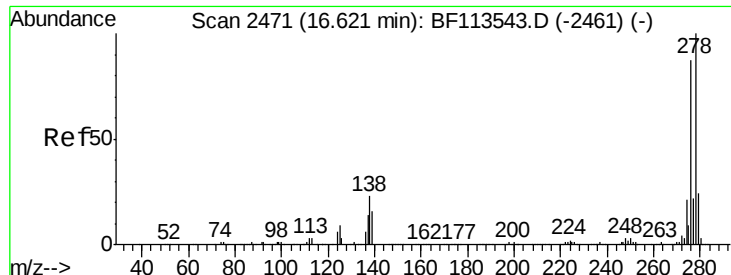
Sohil
4/10/2019 6:20:44 PM



#90
Benzo(a)pyrene
Concen: 47.189 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.0	8.8	13.2





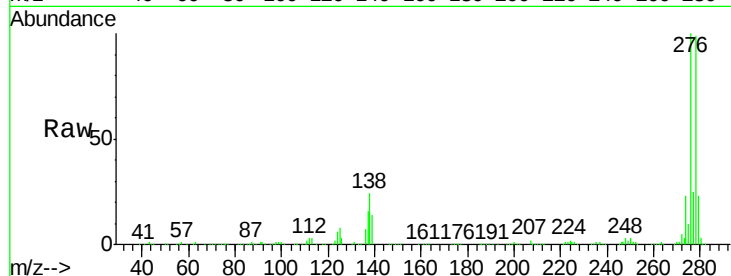
#91
Dibenzo(a,h)anthracene
Concen: 42.158 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Instrument :
BNA_F
ClientSampleId :
TP-14-SMSD

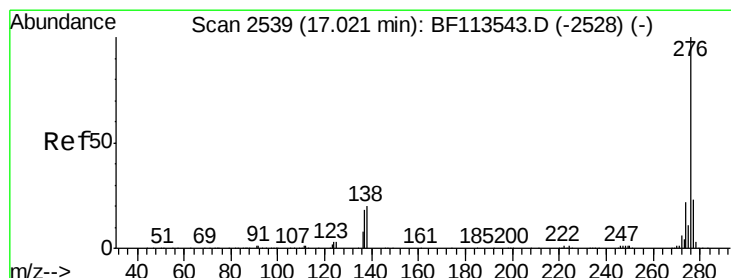
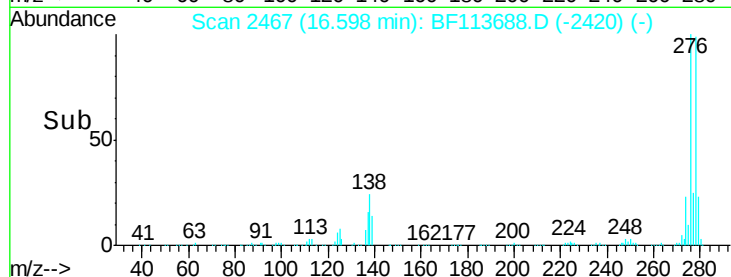
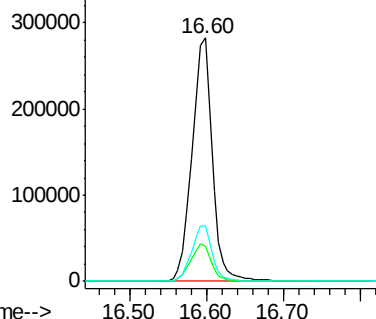
Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.0	18.0
279	22.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/10/2019 6:20:44 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: 38.080 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF113688.D
Acq: 10 Apr 2019 7:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	20.7	15.6	23.4

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

