

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113816.D
 Acq On : 18 Apr 2019 14:35
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041819

Manual Integrations
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Sohil
 4/23/2019 8:16:37 AM

Quant Time: Apr 18 15:00:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	181515	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	717877	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	369729	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	720674	20.00	ng	0.00
76) Chrysene-d12	14.04	240	612532	20.00	ng	0.00
87) Perylene-d12	15.51	264	493818	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	893322	81.83	ng	0.00
7) Phenol-d6	6.52	99	1123417	82.52	ng	0.00
23) Nitrobenzene-d5	7.46	82	997715	84.63	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	344496	84.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1867511	77.03	ng	0.00
79) Terphenyl-d14	13.00	244	2231656	76.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	216607	39.877	ng	99
3) Pyridine	3.45	79	610491	40.847	ng	99
4) n-Nitrosodimethylamine	3.40	42	210735	40.400	ng	99
6) Aniline	6.56	93	779719	40.362	ng	100
8) 2-Chlorophenol	6.68	128	502437	41.010	ng	99
9) Benzaldehyde	6.44	77	325609	41.859	ng	98
10) Phenol	6.53	94	630980	41.346	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	503088	40.609	ng	100
12) 1,3-Dichlorobenzene	6.84	146	557046	40.923	ng	99
13) 1,4-Dichlorobenzene	6.91	146	562642	41.315	ng	97
14) 1,2-Dichlorobenzene	7.07	146	523859	41.741	ng	99
15) Benzyl Alcohol	7.03	79	459151	41.633	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	611569	40.699	ng	100
17) 2-Methylphenol	7.14	107	406426	40.612	ng	99
18) Hexachloroethane	7.42	117	198998	40.746	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	365675	40.242	ng	96
20) 3+4-Methylphenols	7.29	107	504946	41.994	ng	98
22) Acetophenone	7.30	105	666858	40.772	ng	99
24) Nitrobenzene	7.47	77	553188	41.753	ng	99
25) Isophorone	7.72	82	976639	40.013	ng	100
26) 2-Nitrophenol	7.79	139	236097	44.856	ng	91
27) 2,4-Dimethylphenol	7.82	122	411476	40.946	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	625214	40.310	ng	100
29) 2,4-Dichlorophenol	8.03	162	435895	40.709	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	490470	41.237	ng	99
31) Naphthalene	8.20	128	1403214	41.325	ng	100
32) Benzoic acid	7.93	122	274606m	42.095	ng	
33) 4-Chloroaniline	8.24	127	587005	40.750	ng	99
34) Hexachlorobutadiene	8.32	225	298469	41.073	ng	99
35) Caprolactam	8.61	113	138976	40.207	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	434138	40.889	ng	100
37) 2-Methylnaphthalene	8.89	142	921977	40.924	ng	99
38) 1-Methylnaphthalene	8.99	142	895059	40.943	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	482381	41.112	ng	100

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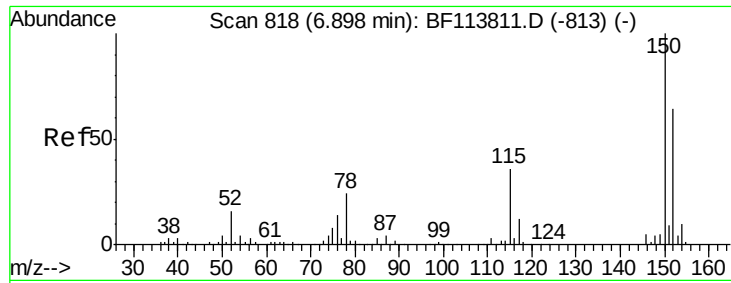
Manual Integrations
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 4/23/2019 8:16:37 AM

Quant Time: Apr 18 15:00:25 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	261935	40.610	nq	100
43) 2,4,6-Trichlorophenol	9.16	196	307111	40.663	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	339227	41.620	nq	100
46) 1,1'-Biphenyl	9.35	154	1157660	41.378	nq	100
47) 2-Chloronaphthalene	9.38	162	937886	40.950	nq	100
48) 2-Nitroaniline	9.46	65	262153	43.987	nq	98
49) Acenaphthylene	9.79	152	1466122	40.928	nq	100
50) Dimethylphthalate	9.65	163	1060571	40.989	nq	100
51) 2,6-Dinitrotoluene	9.71	165	243207	42.591	nq	99
52) Acenaphthene	9.97	154	867944	41.307	nq	99
53) 3-Nitroaniline	9.87	138	261837	43.303	nq	99
54) 2,4-Dinitrophenol	9.97	184	78798	42.155	nq	82
55) Dibenzofuran	10.14	168	1305776	41.485	nq	100
56) 4-Nitrophenol	10.02	139	215187	43.731	nq	98
57) 2,4-Dinitrotoluene	10.11	165	311553	43.977	nq	97
58) Fluorene	10.48	166	957560	40.782	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	284902	40.963	nq	98
60) Diethylphthalate	10.35	149	1019111	41.097	nq	100
61) 4-Chlorophenyl-phenylether	10.47	204	495744	41.230	nq	99
62) 4-Nitroaniline	10.49	138	244285	41.999	nq	100
63) Azobenzene	10.63	77	1043854	40.964	nq	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	120776	41.624	nq	99
66) n-Nitrosodiphenylamine	10.59	169	882691	40.406	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	342799	40.506	nq	98
68) Hexachlorobenzene	11.03	284	377941	40.608	nq	99
69) Atrazine	11.11	200	273152	40.414	nq	99
70) Pentachlorophenol	11.22	266	221748	42.028	nq	97
71) Phenanthrene	11.44	178	1489329	40.576	nq	99
72) Anthracene	11.49	178	1513154	40.910	nq	99
73) Carbazole	11.64	167	1370912	40.823	nq	99
74) Di-n-butylphthalate	11.97	149	1519252	40.649	nq	100
75) Fluoranthene	12.62	202	1610851	41.411	nq	100
77) Benzidine	12.74	184	807127	46.034	nq	98
78) Pyrene	12.85	202	1629182	37.740	nq	99
80) Butylbenzylphthalate	13.47	149	630489	39.427	nq	99
81) Benzo(a)anthracene	14.03	228	1425977	39.825	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	540661	42.484	nq #	97
83) Chrysene	14.07	228	1433495	40.336	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	768173	40.153	nq #	98
85) Di-n-octyl phthalate	14.64	149	1282768	43.216	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1076624	37.109	nq	99
88) Benzo(b)fluoranthene	15.09	252	1271386	41.299	nq	99
89) Benzo(k)fluoranthene	15.12	252	1175627	41.929	nq	100
90) Benzo(a)pyrene	15.45	252	1106911	40.664	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	892576	36.852	nq	99
92) Benzo(g,h,i)perylene	17.43	276	873517	35.483	nq	99

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



#1

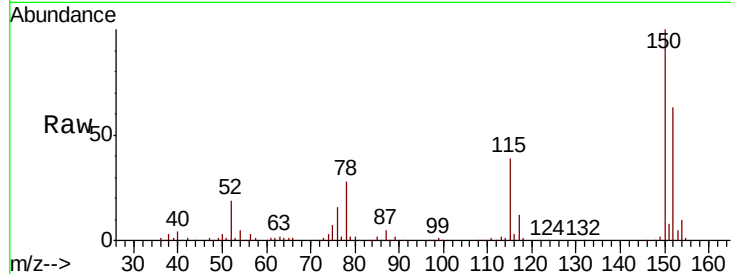
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	125.9	188.9
115	62.6	45.9	68.9

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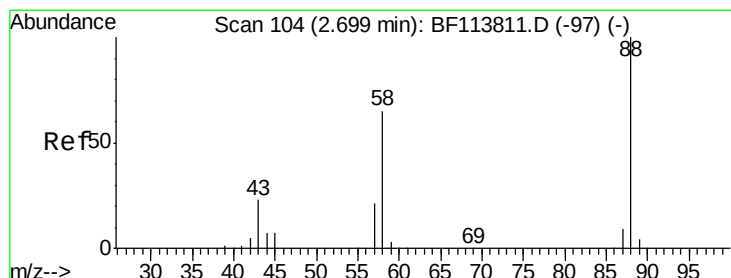
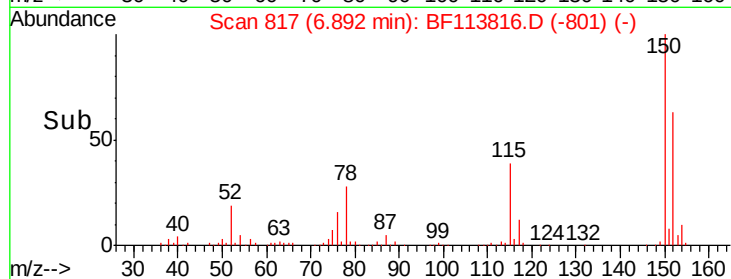
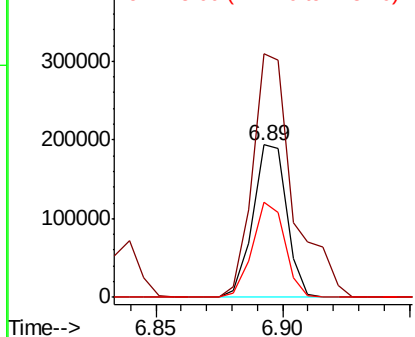


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

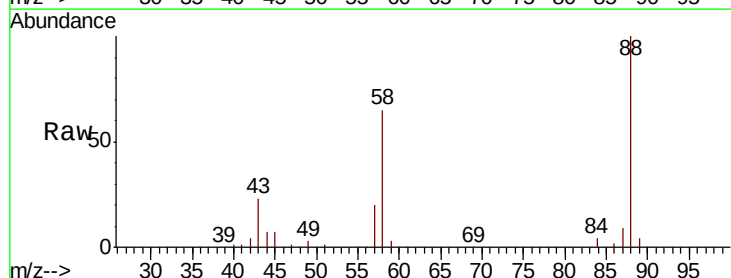
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.877 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	53.3	79.9
43	23.2	19.0	28.4

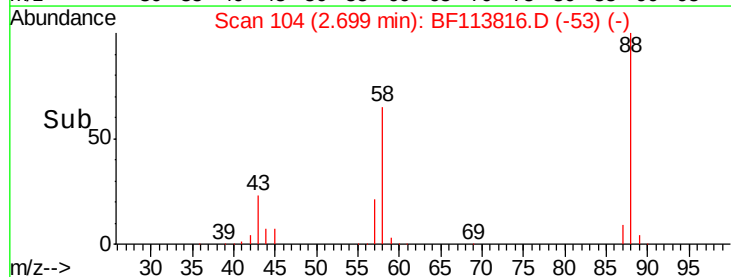
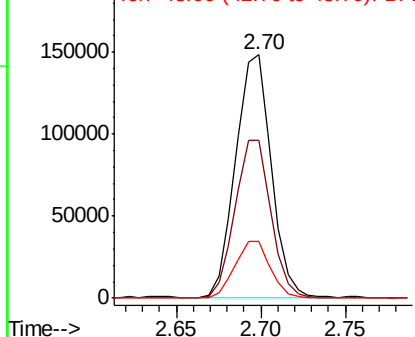


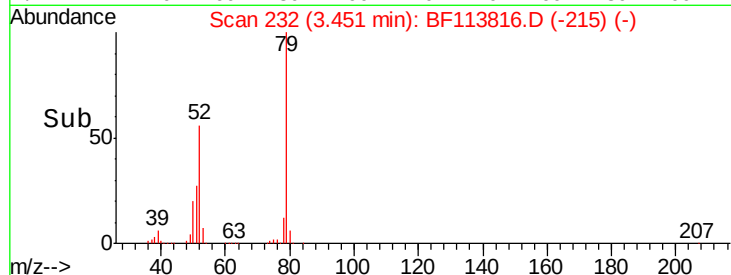
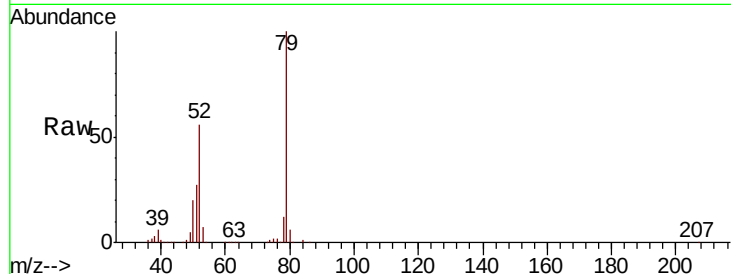
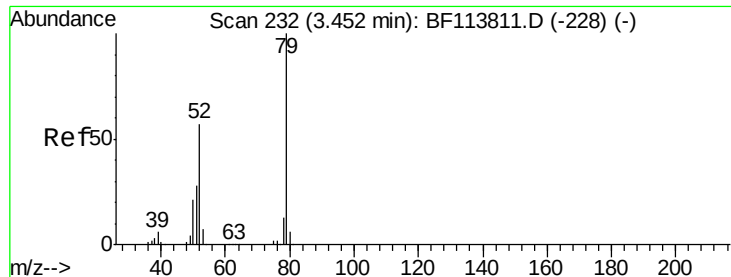
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





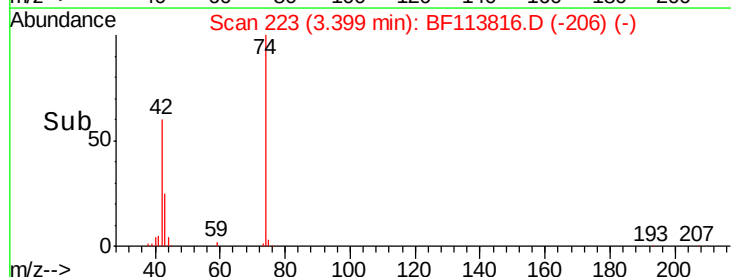
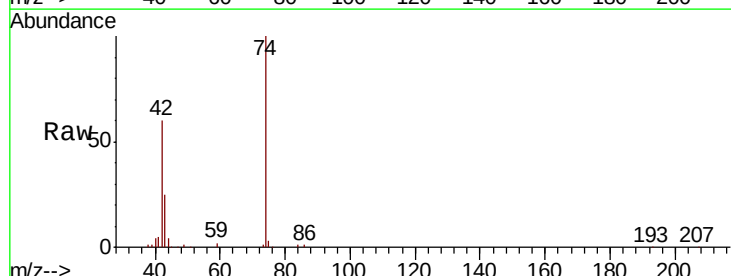
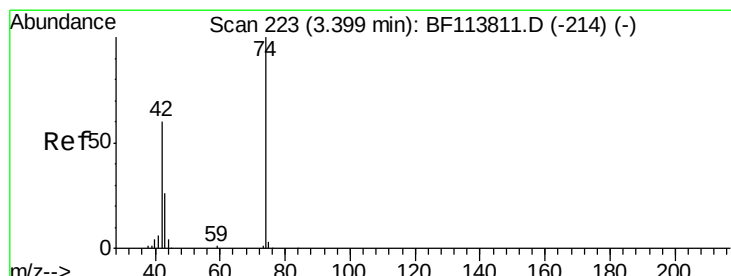
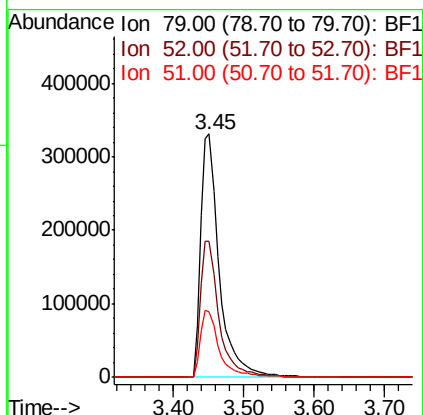
#3
Pvridine
Concen: 40.847 ng
RT: 3.45 min Scan# 232
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.6	45.3	67.9
51	27.2	22.1	33.1

Instrument :
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ClientSampleId :
ICVBF041819

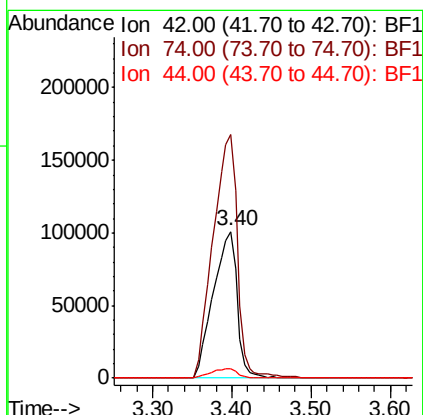
Manual Integrations
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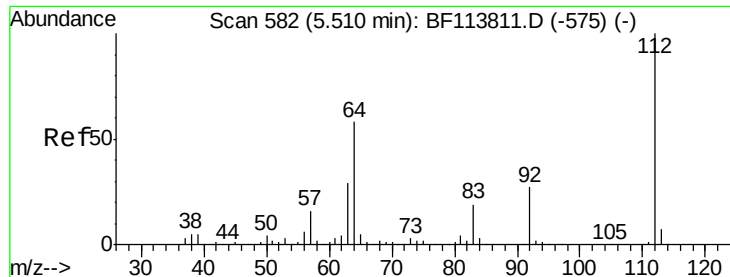
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#4
n-Nitrosodimethylamine
Concen: 40.400 ng
RT: 3.40 min Scan# 223
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.3	132.6	198.8
44	6.8	5.8	8.8





#5

2-Fluorophenol

Concen: 81.833 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

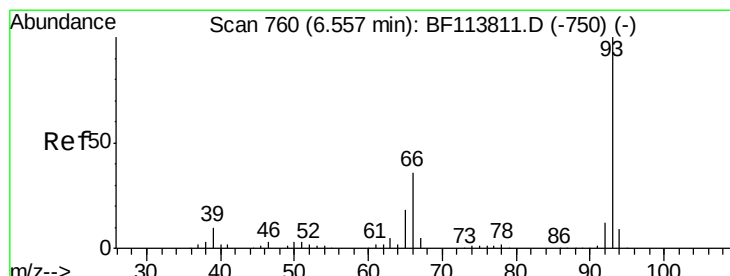
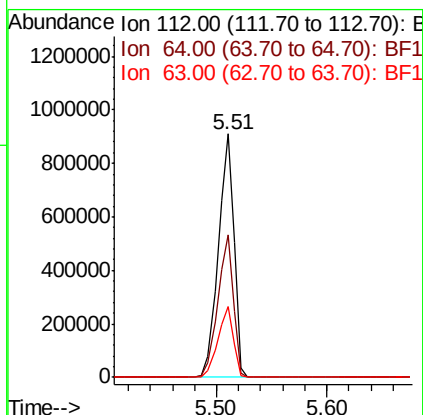
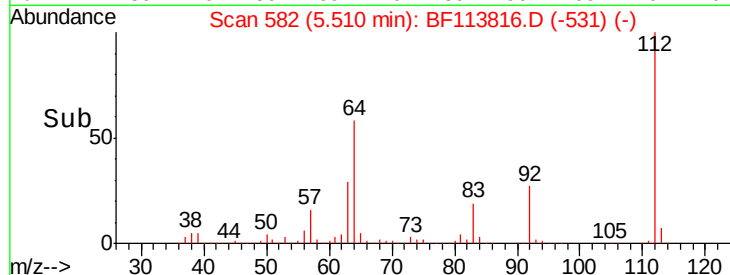
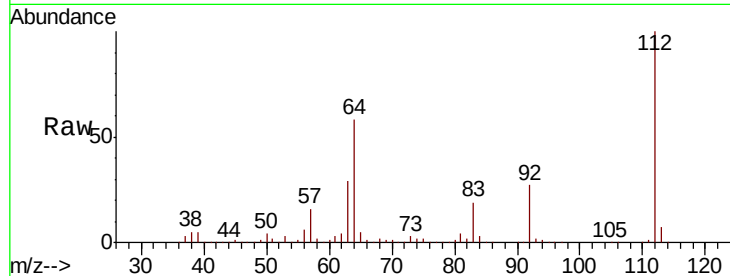
ClientSampleId :

ICVBF041819

Tot Ion	Ratio	Resp	Lower	Upper
112	100	893322		
64	58.3	46.6	69.8	
63	28.9	23.1	34.7	

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#6

Aniline

Concen: 40.362 ng

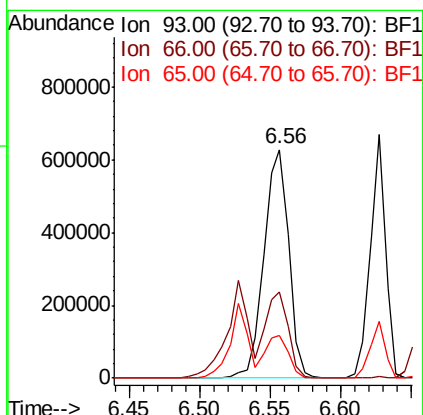
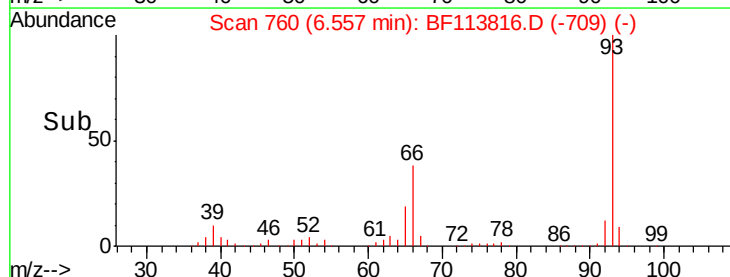
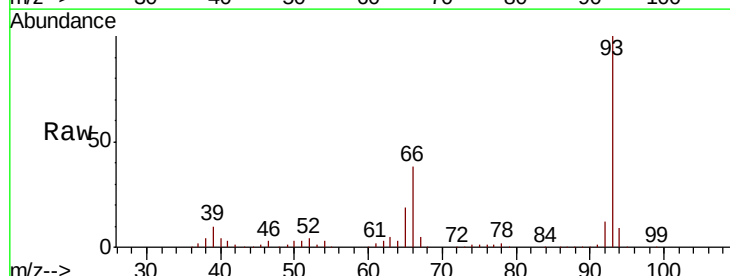
RT: 6.56 min Scan# 760

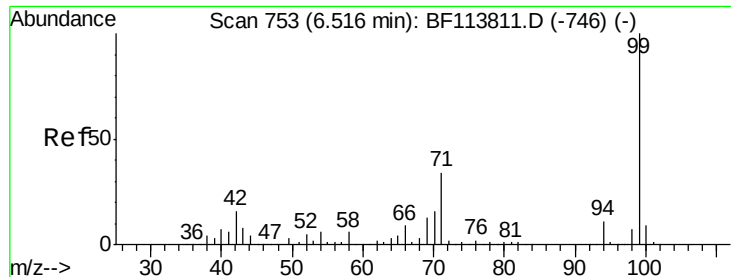
Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	779719		
66	37.5	29.8	44.6	
65	18.6	14.9	22.3	





#7

Phenol-d6

Concen: 82.522 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion: 99 Resp: 1123417

Ion Ratio Lower Upper

99 100

42 15.8 12.5 18.7

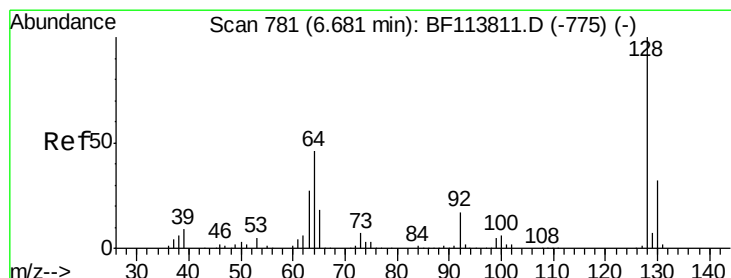
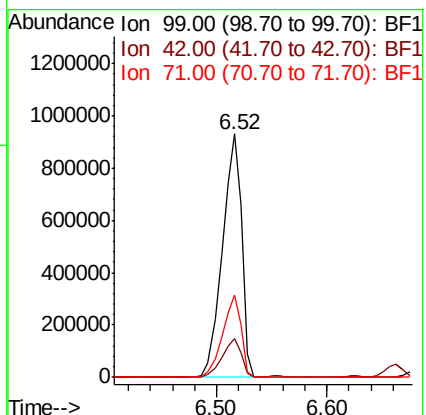
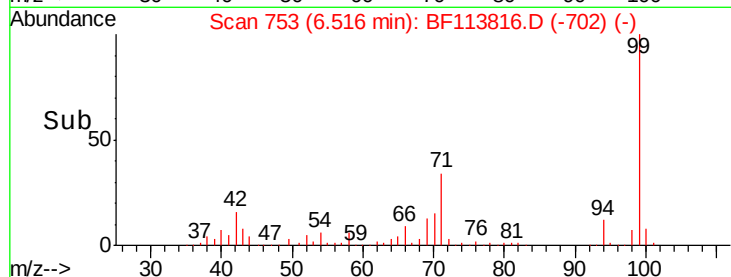
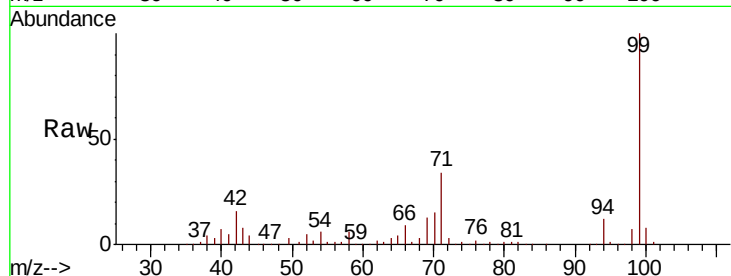
71 33.6 26.9 40.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.010 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

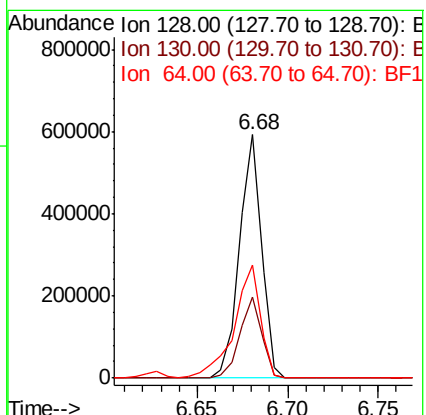
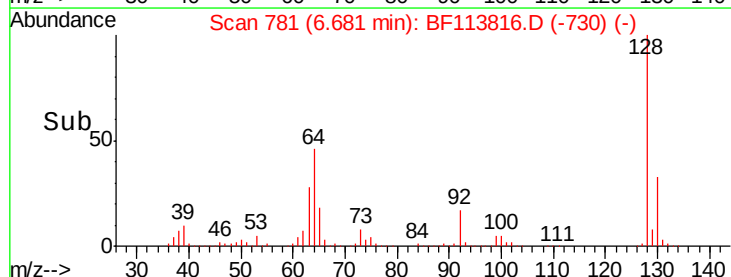
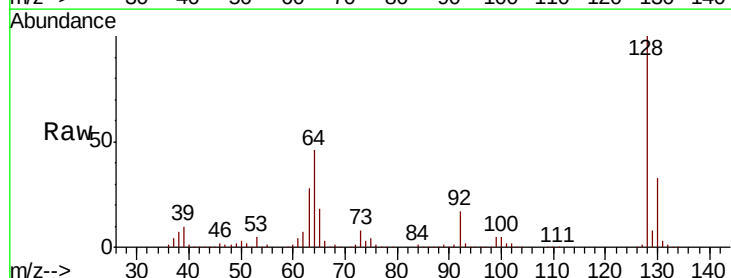
Tgt Ion: 128 Resp: 502437

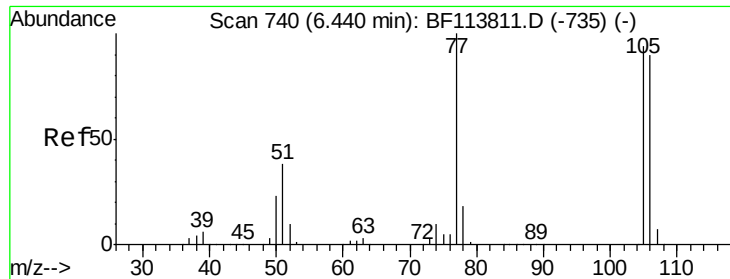
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 46.5 26.1 66.1





#9

Benzaldehyde

Concen: 41.859 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion: 77 Resp: 325609

Ion Ratio Lower Upper

77 100

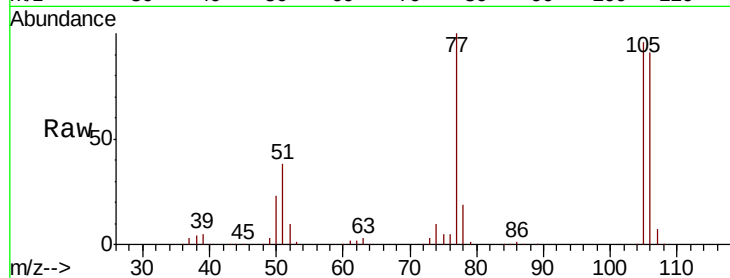
105 96.0 74.1 114.1

106 91.5 70.3 110.3

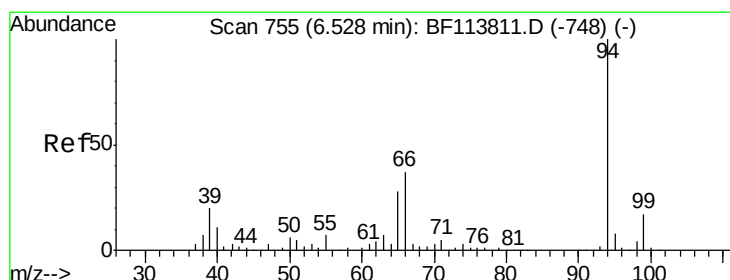
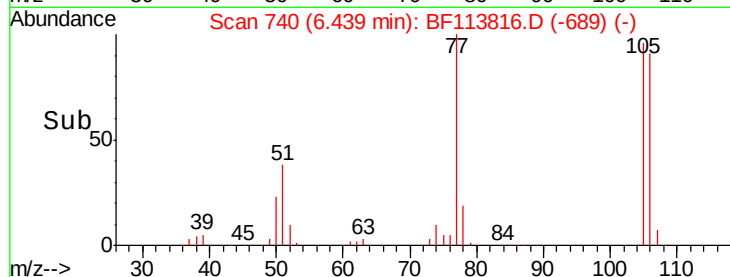
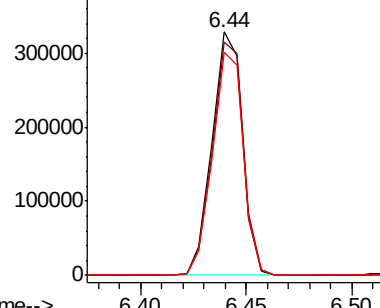
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.346 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

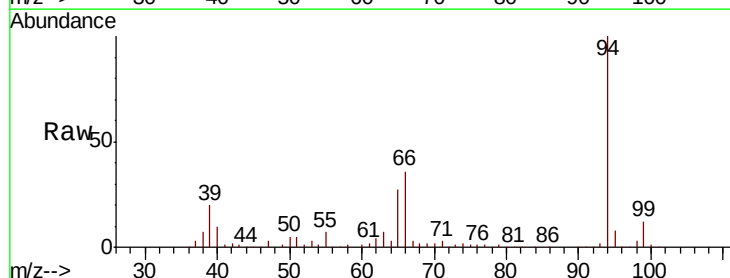
Tgt Ion: 94 Resp: 630980

Ion Ratio Lower Upper

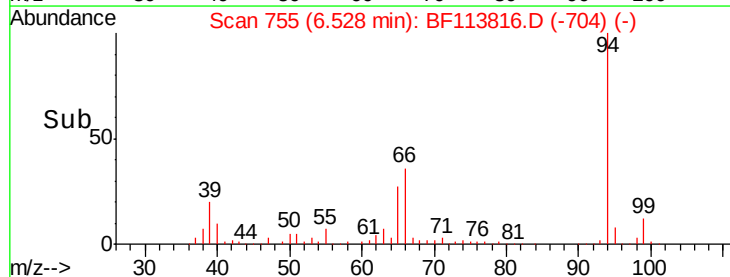
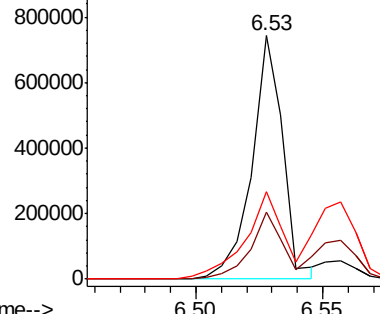
94 100

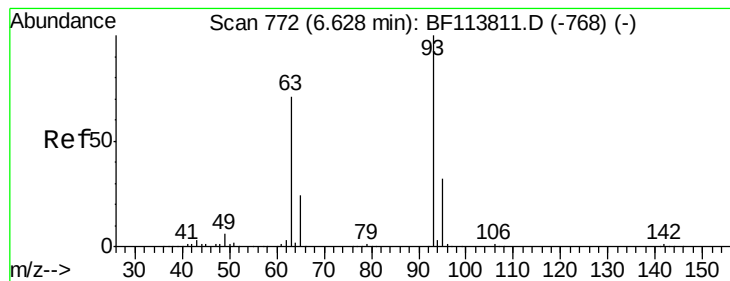
65 27.4 8.1 48.1

66 36.0 16.6 56.6



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





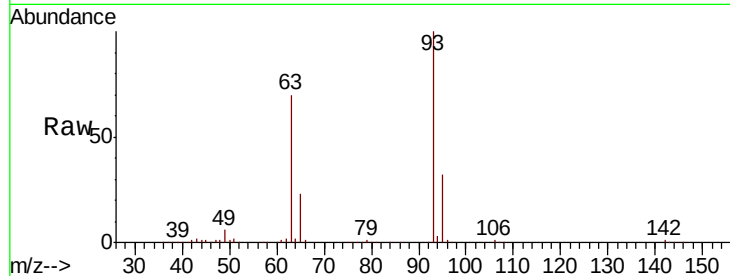
#11
bis(2-Chloroethyl)ether
Concen: 40.609 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

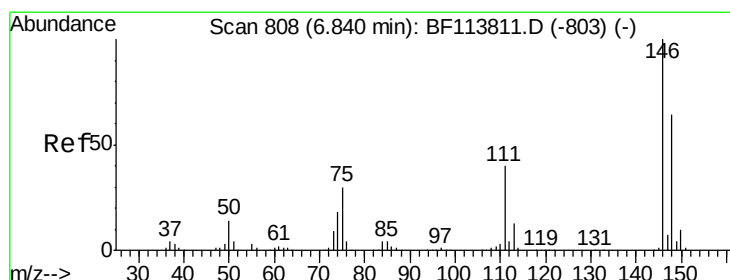
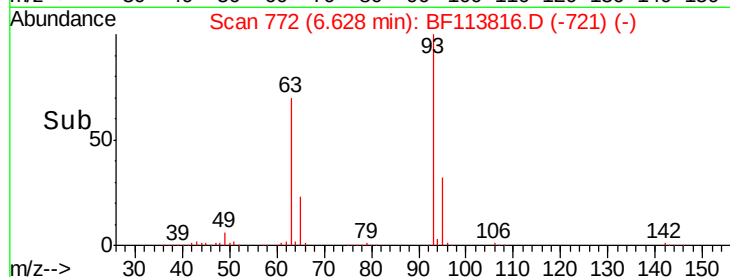
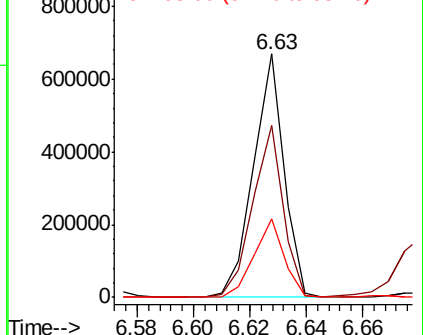
Tot Ion:	93	Resp:	503088
Ion	Ratio	Lower	Upper
93	100		
63	70.4	50.7	90.7
95	32.4	12.3	52.3

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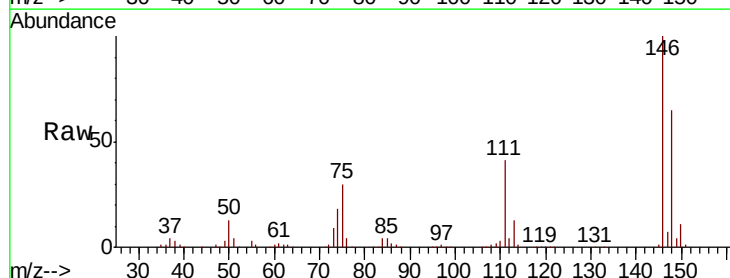


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

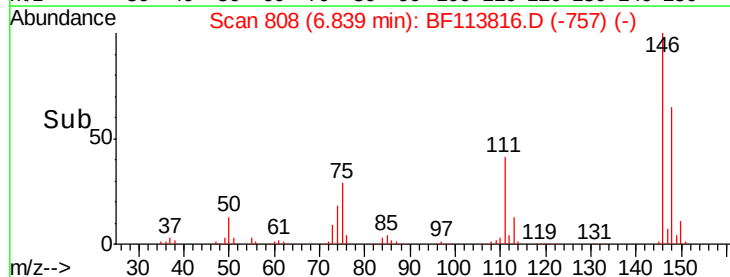
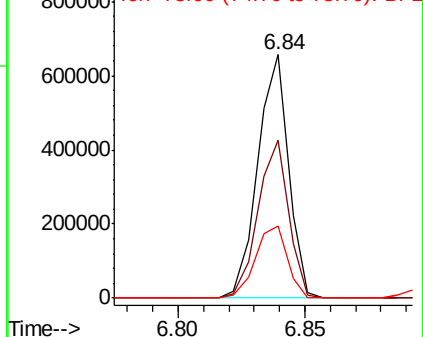


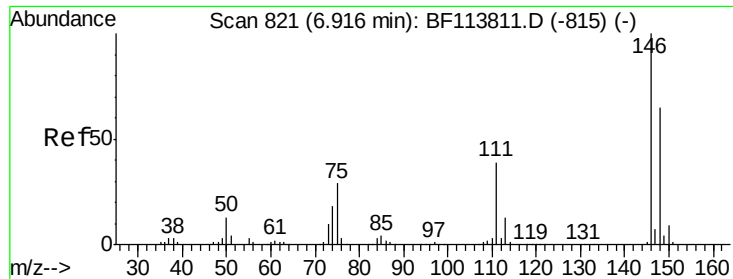
#12
1,3-Dichlorobenzene
Concen: 40.923 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:	146	Resp:	557046
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
75	29.6	23.8	35.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





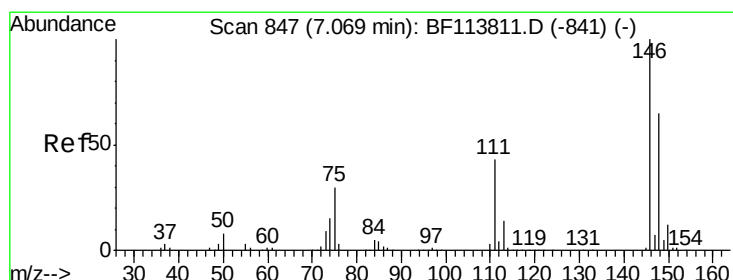
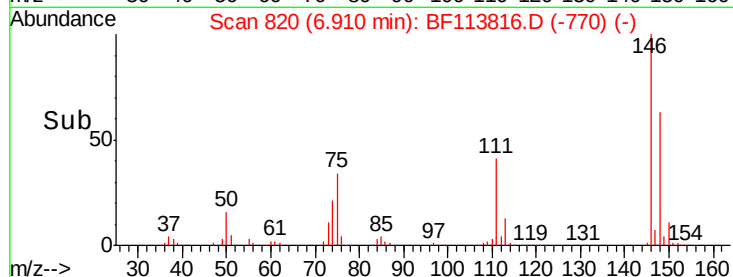
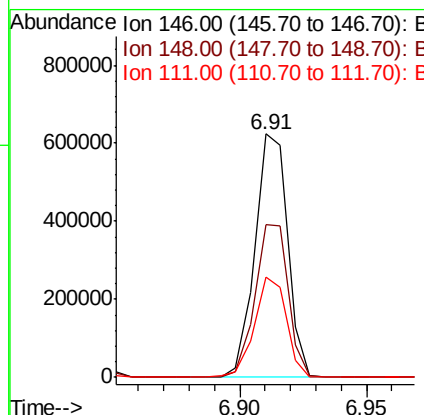
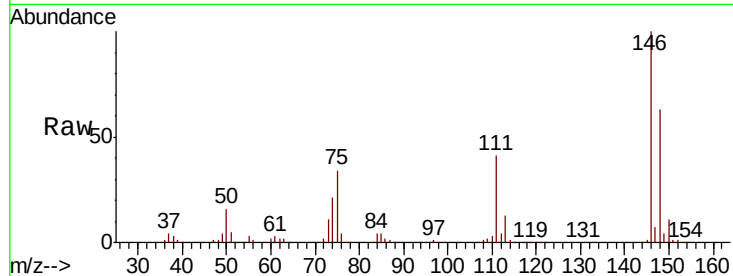
#13
 1,4-Dichlorobenzene
 Concen: 41.315 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041819

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
111	41.1	30.9	46.3

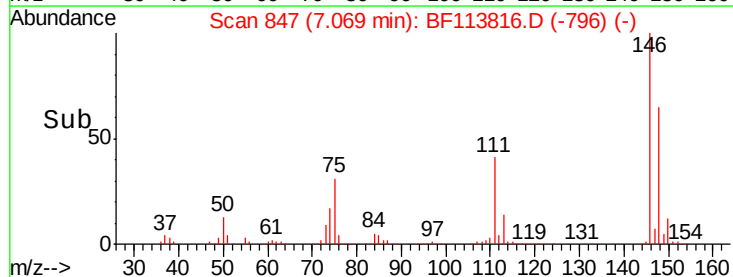
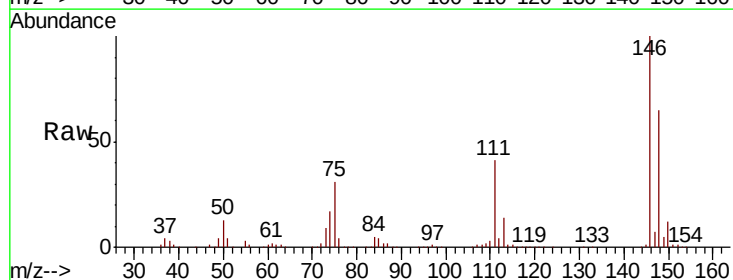
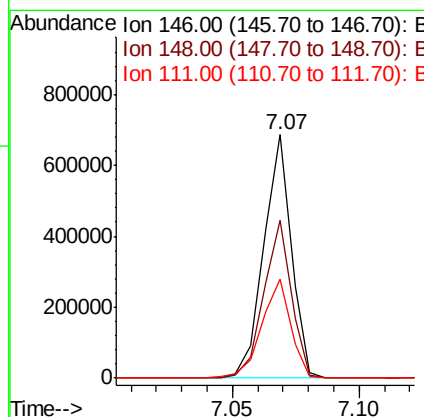
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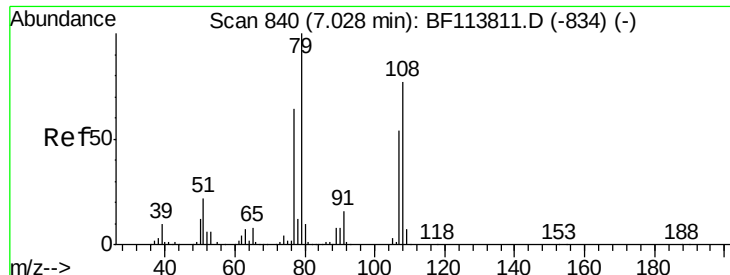
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#14
 1,2-Dichlorobenzene
 Concen: 41.741 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
111	40.8	34.2	51.4





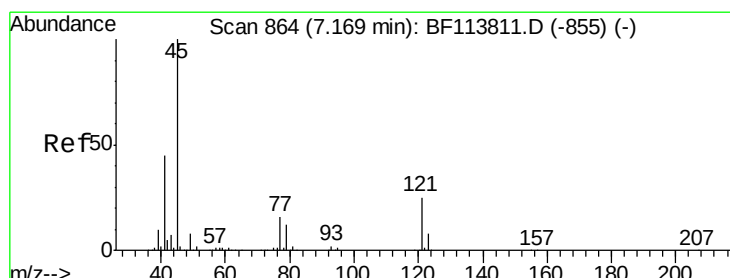
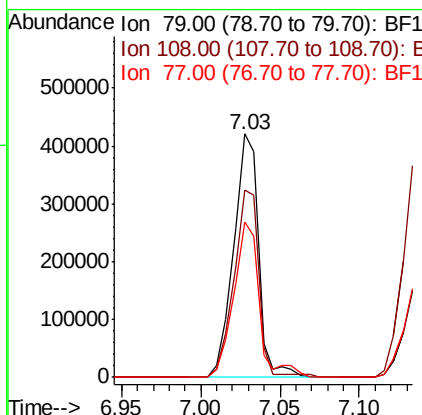
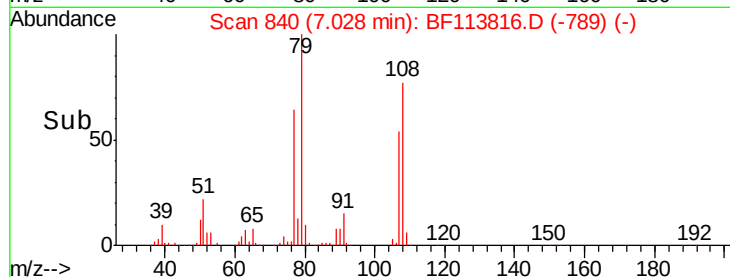
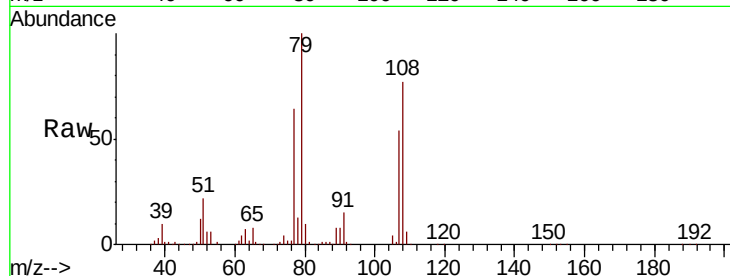
#15
Benzyl Alcohol
Concen: 41.633 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.4	92.0
77	63.6	51.6	77.4

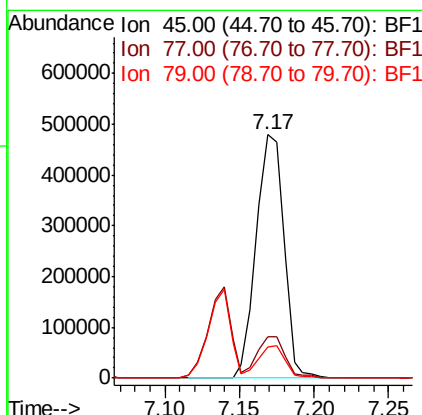
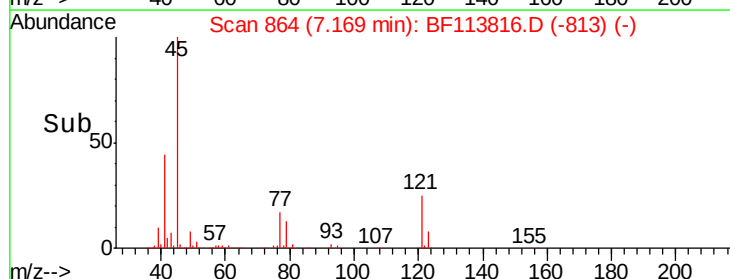
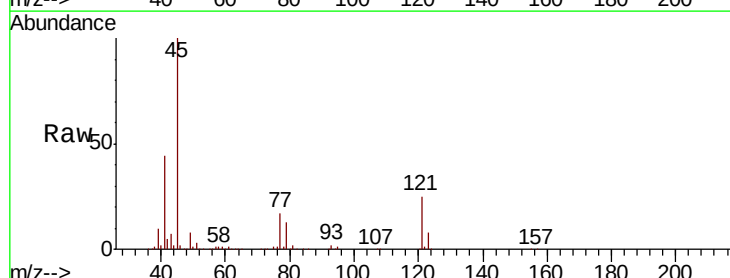
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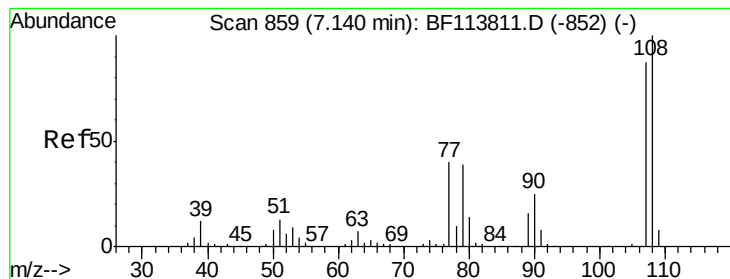
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.699 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	37.0
79	12.7	0.0	32.7





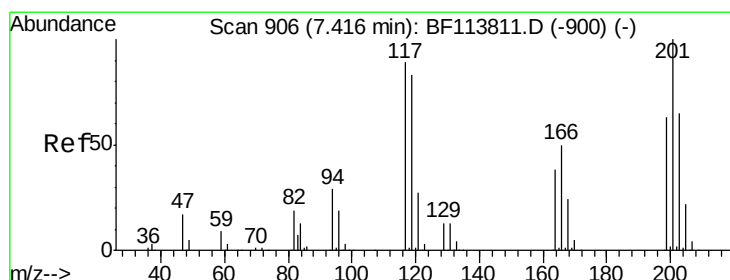
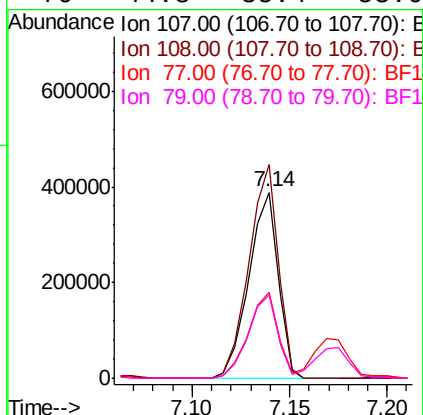
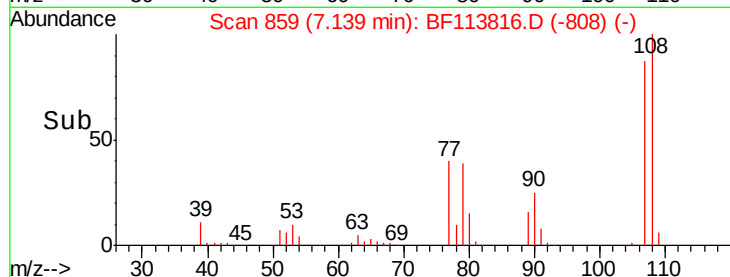
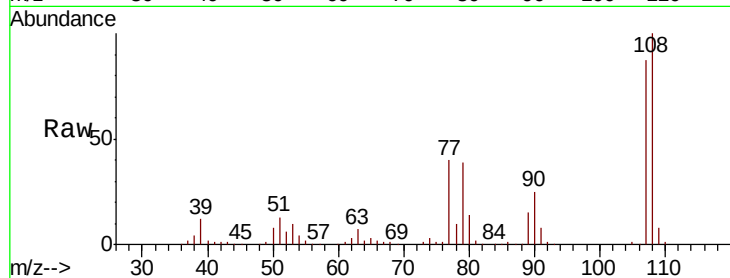
#17
2-Methylphenol
Concen: 40.612 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.5	137.3
77	46.2	36.2	54.4
79	44.8	35.4	53.0

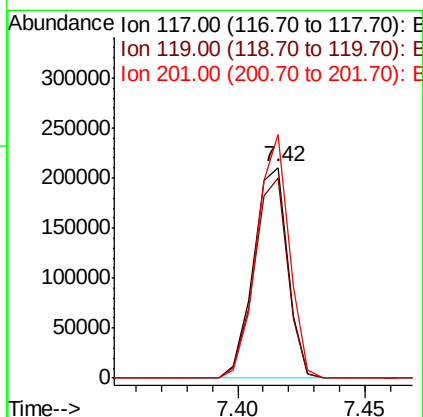
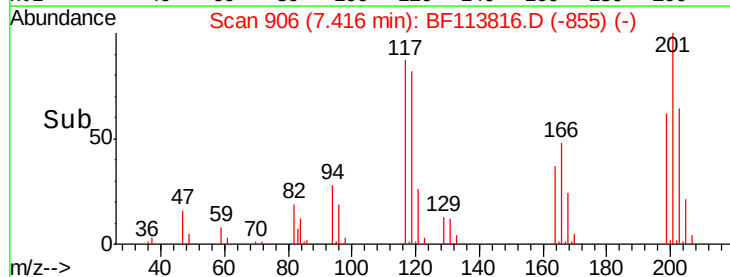
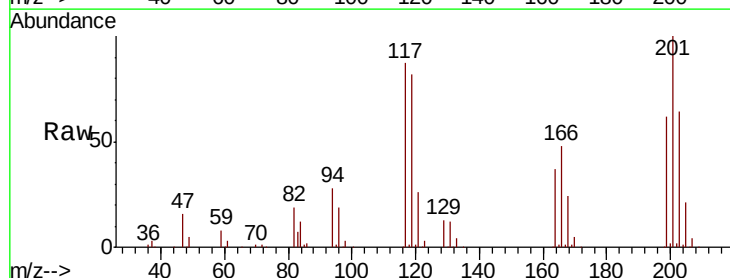
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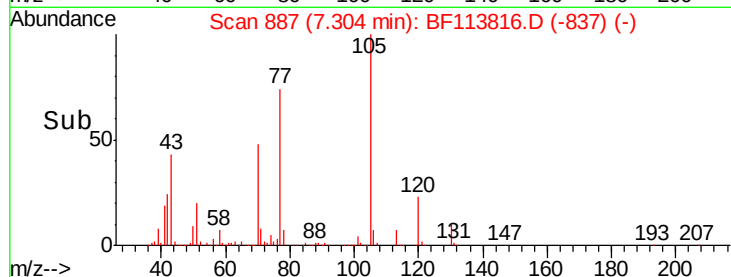
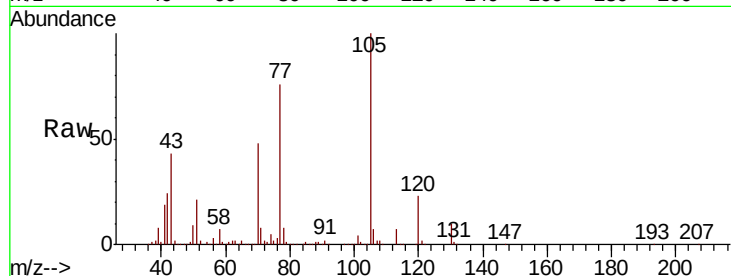
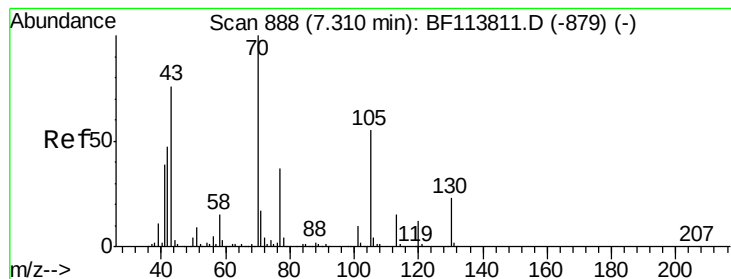
Sohil
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#18
Hexachloroethane
Concen: 40.746 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.4	111.6
201	115.4	90.2	135.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.242 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion: 70 Resp: 365675

Ion Ratio Lower Upper

70 100

42 49.2 37.3 55.9

101 9.3 7.8 11.8

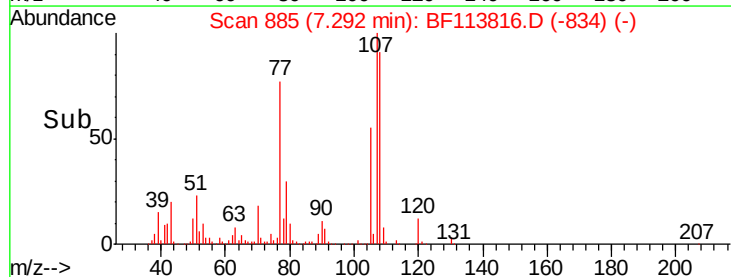
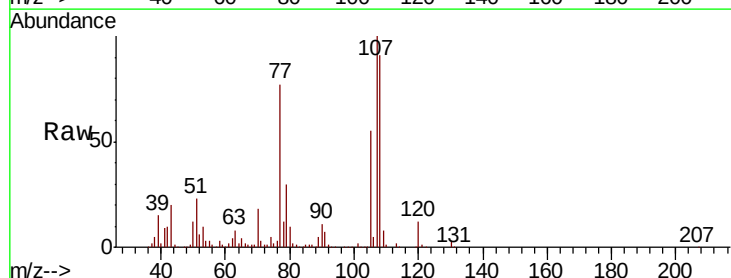
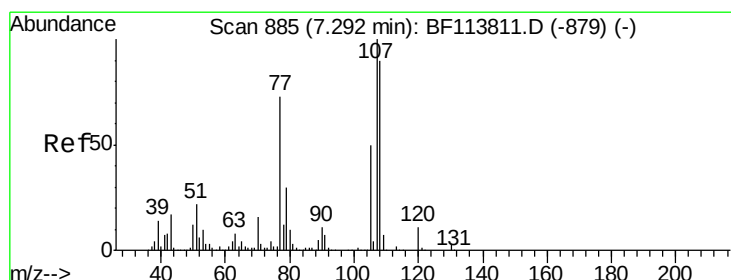
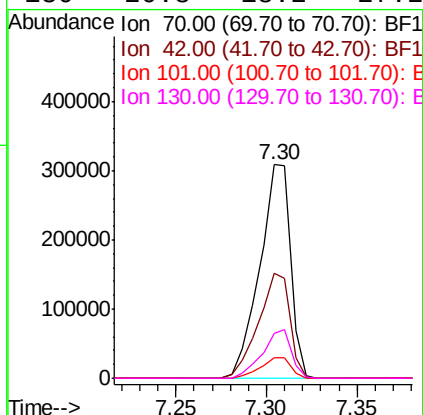
130 20.8 18.2 27.2

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#20

3+4-Methylphenols

Concen: 41.994 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion:107 Resp: 504946

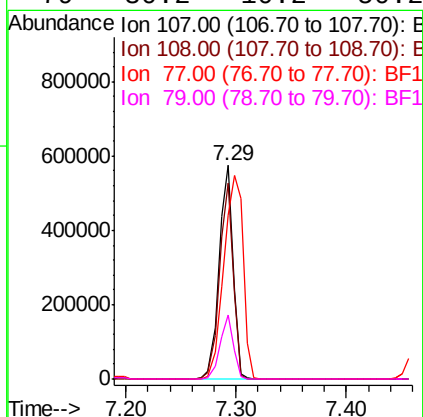
Ion Ratio Lower Upper

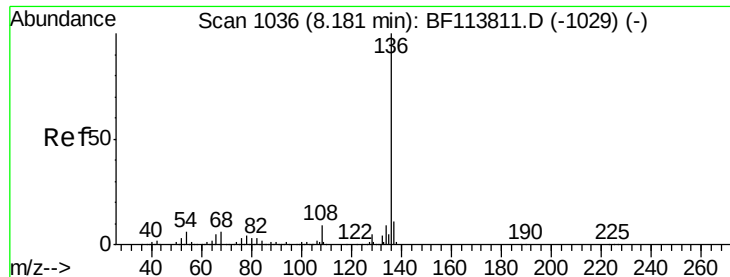
107 100

108 91.5 70.1 110.1

77 76.9 52.9 92.9

79 30.2 10.2 50.2





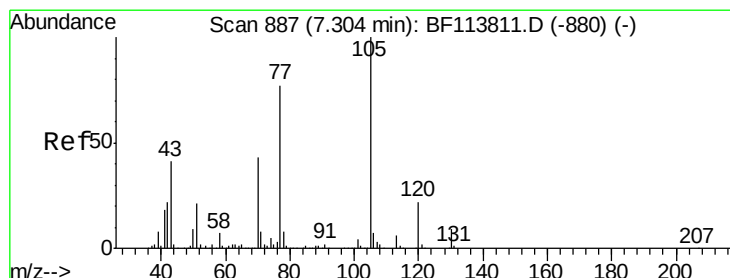
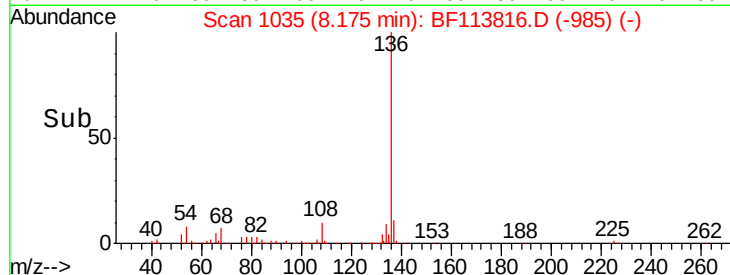
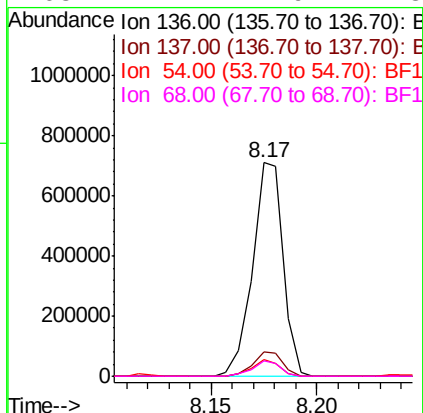
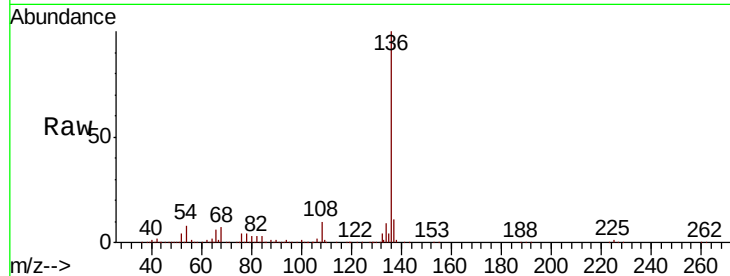
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		717877		
137	11.3		8.6	12.8	
54	7.5		5.0	7.6	
68	7.2		4.9	7.3	

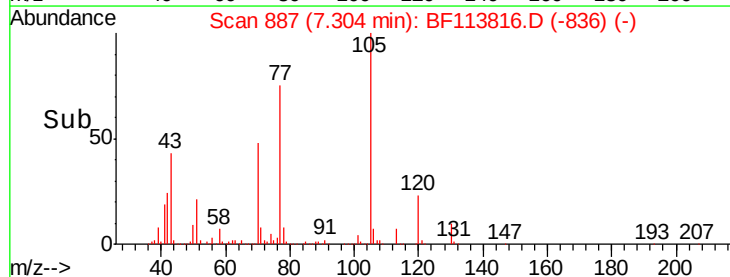
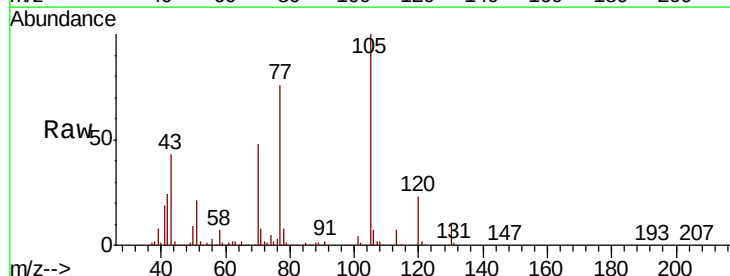
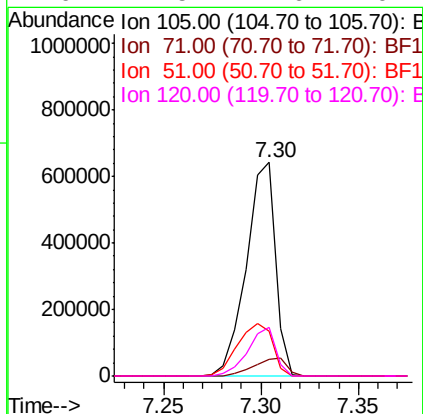
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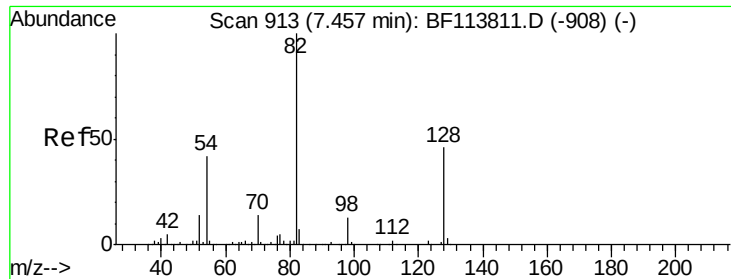
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#22
Acetophenone
Concen: 40.772 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		666858		
71	8.1		6.1	9.1	
51	20.9		16.8	25.2	
120	22.5		17.6	26.4	





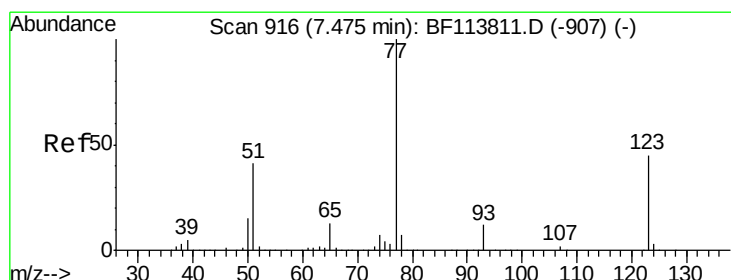
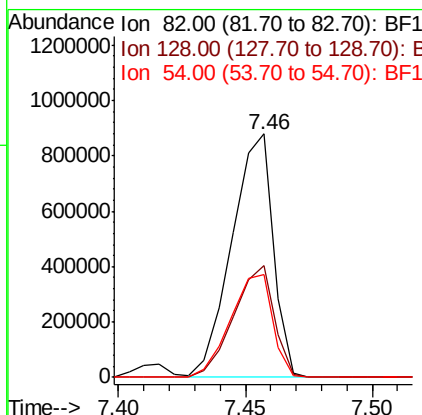
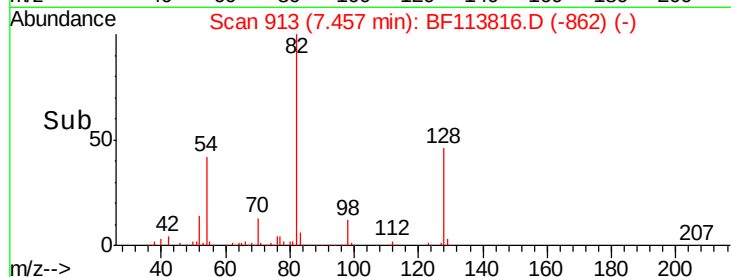
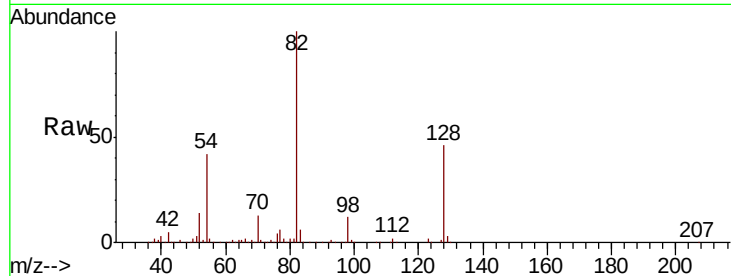
#23
 Nitrobenzene-d5
 Concen: 84.635 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampled :
 ICVBF041819

Tot Ion	82	Resp	997715
Ion Ratio	100	Lower	Upper
128	45.8	36.8	55.2
54	42.1	33.8	50.6

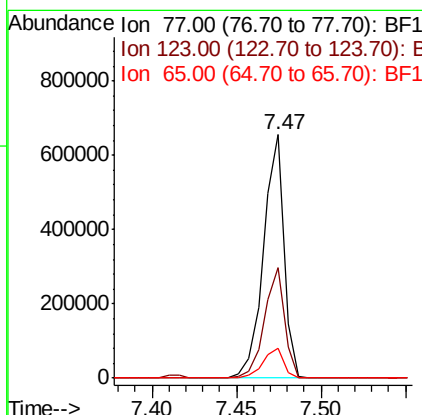
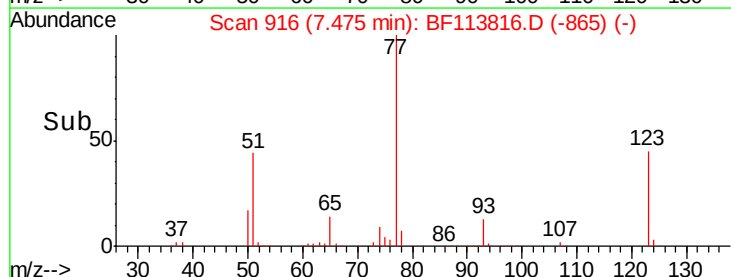
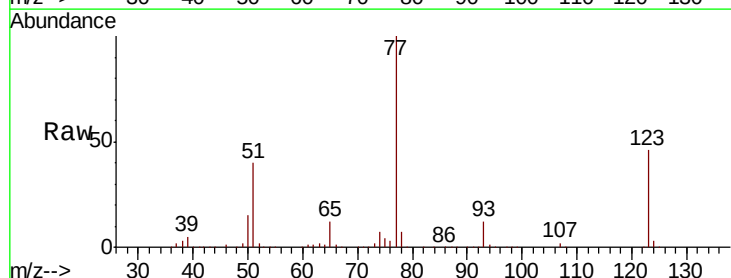
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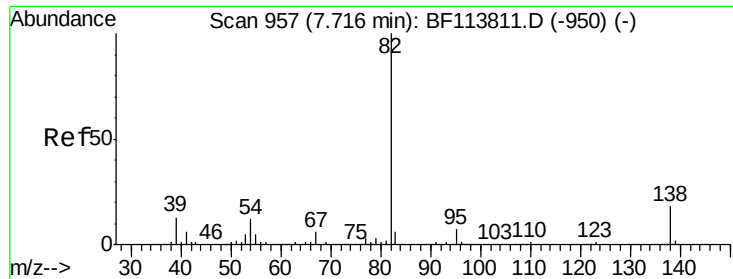
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#24
 Nitrobenzene
 Concen: 41.753 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	77	Resp	553188
Ion Ratio	100	Lower	Upper
123	45.6	36.3	54.5
65	12.5	10.3	15.5





#25

Isophorone

Concen: 40.013 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

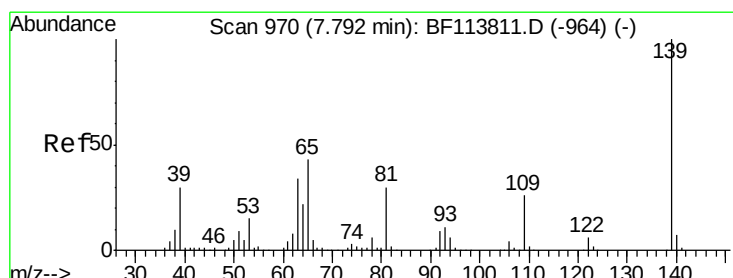
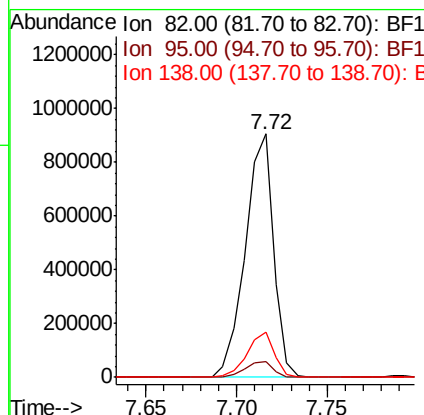
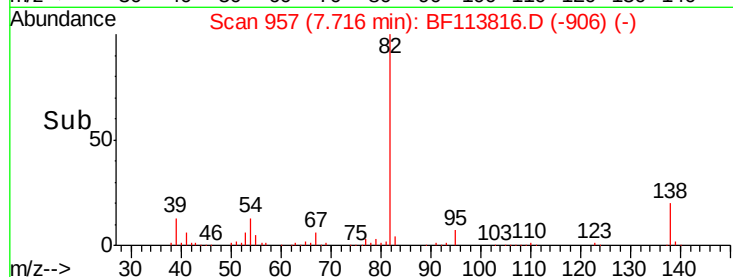
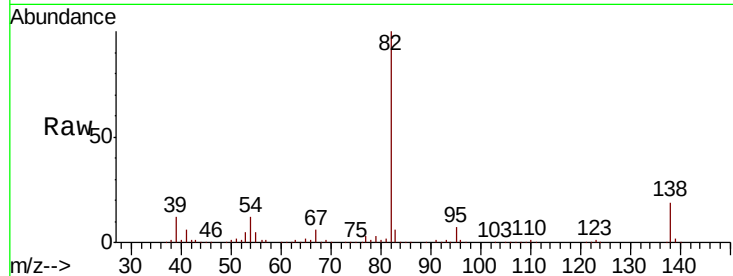
ClientSampleId :

ICVBF041819

Tot Ion:	82	Resp:	976639
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	18.6	14.6	22.0

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#26

2-Nitrophenol

Concen: 44.856 ng

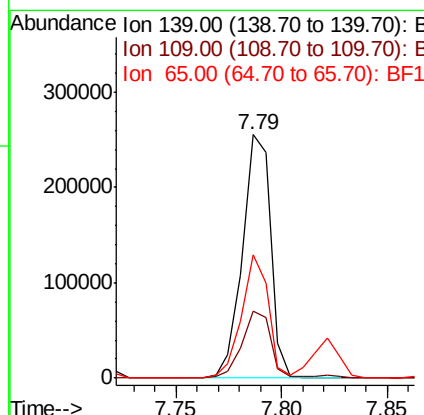
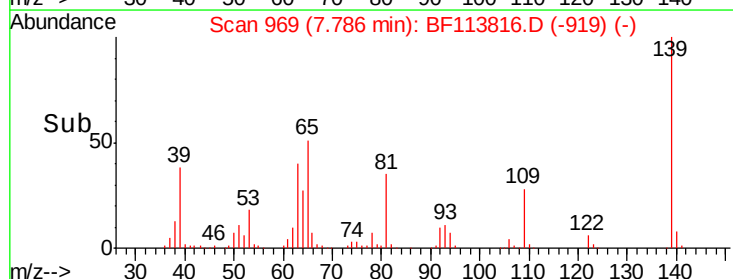
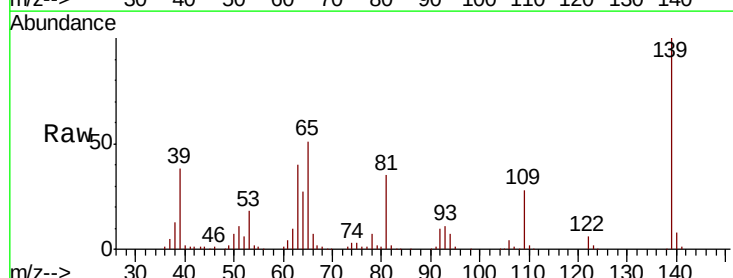
RT: 7.79 min Scan# 969

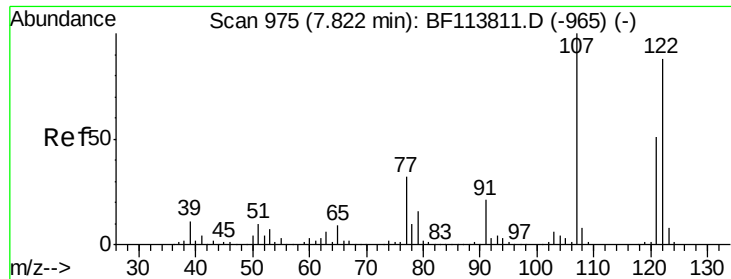
Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion:	139	Resp:	236097
Ion Ratio	Lower	Upper	
139	100		
109	27.7	20.6	31.0
65	50.7	34.6	52.0





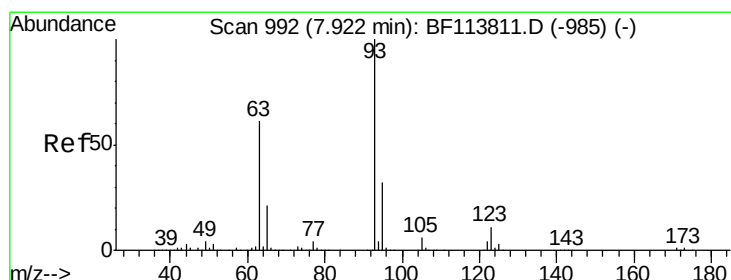
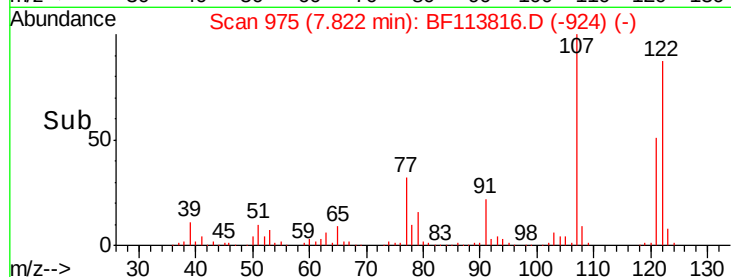
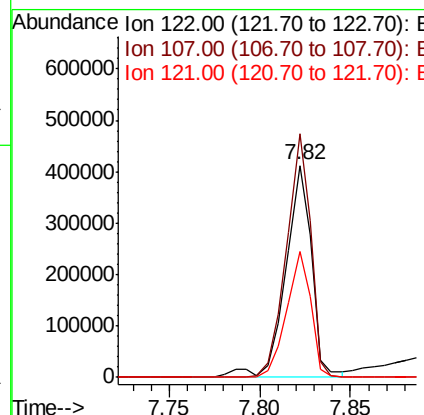
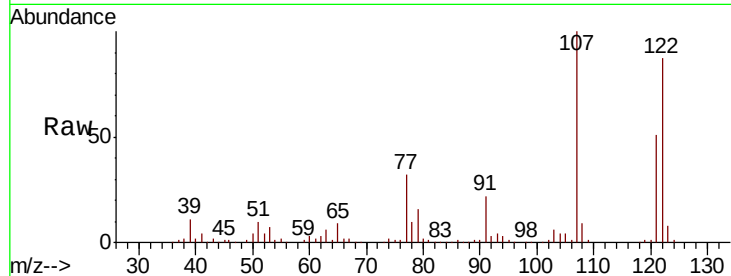
#27
 2,4-Dimethylphenol
 Concen: 40.946 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041819

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	91.2	136.8
121	59.0	46.4	69.6

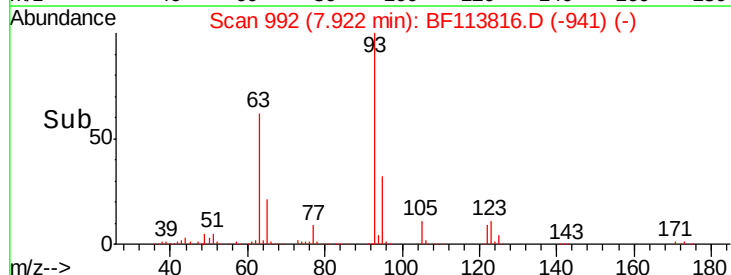
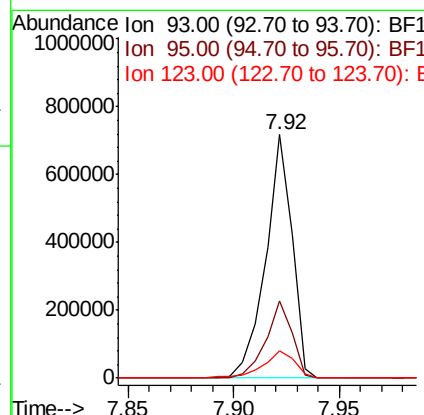
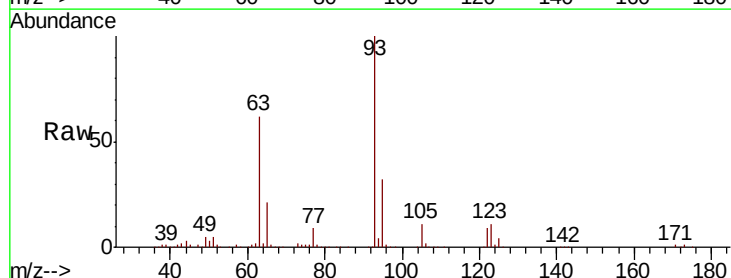
Manual Integrations
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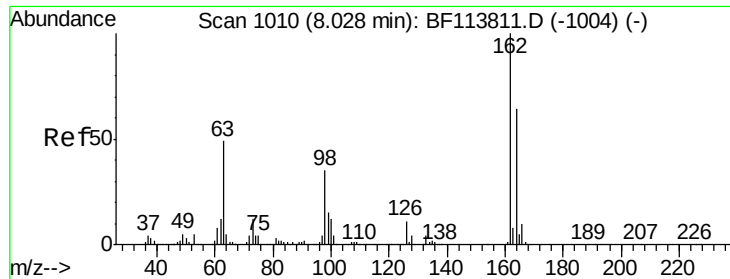
Sohil
 4/23/2019 8:16:37 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.310 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.6
123	11.3	9.0	13.6





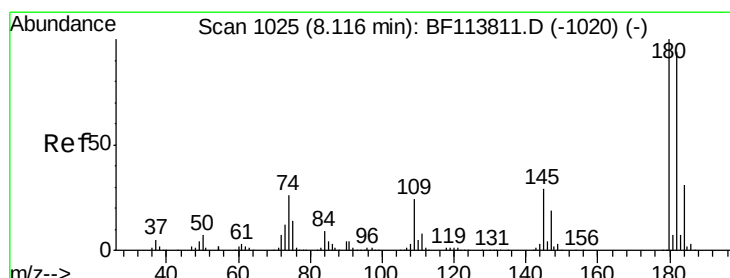
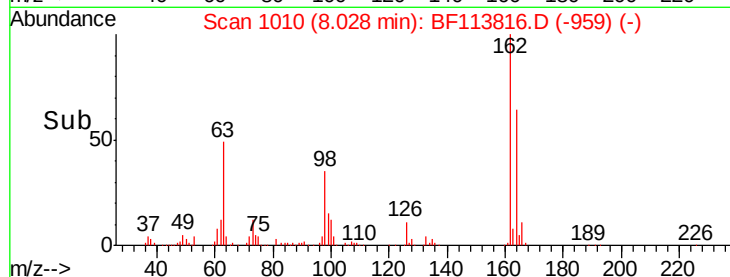
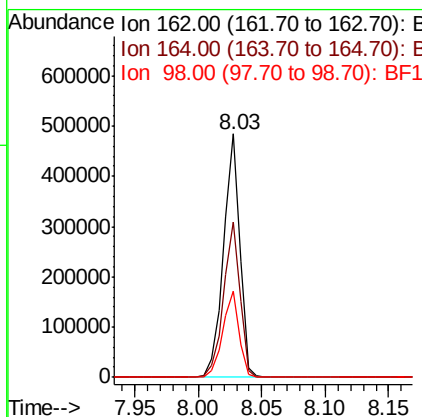
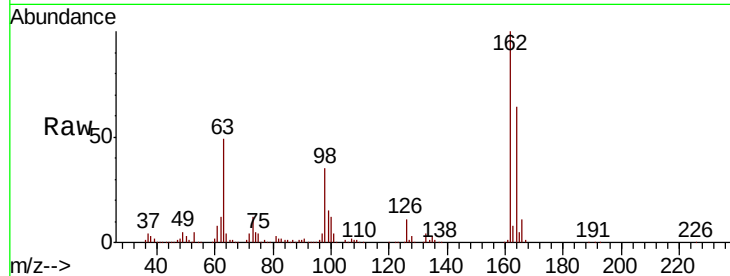
#29
 2,4-Dichlorophenol
 Concen: 40.709 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041819

Tot Ion	Ratio	Resp	Lower	Upper
162	100	435895		
164	63.6	43.7	83.7	
98	35.2	15.5	55.5	

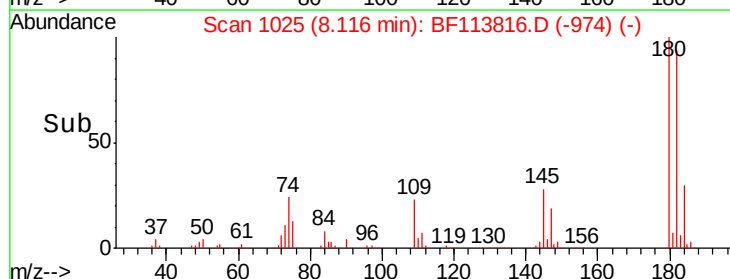
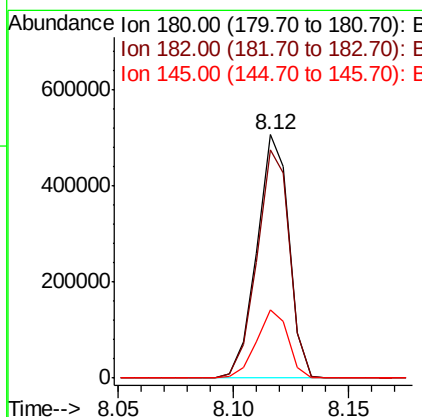
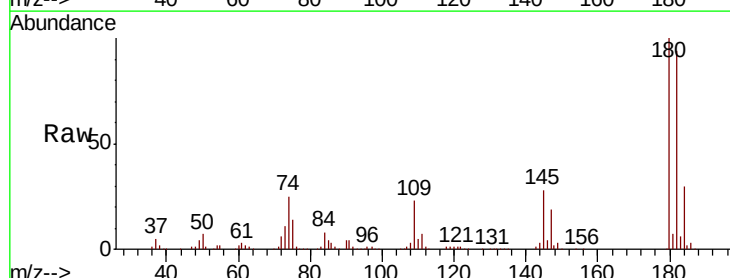
Manual Integrations
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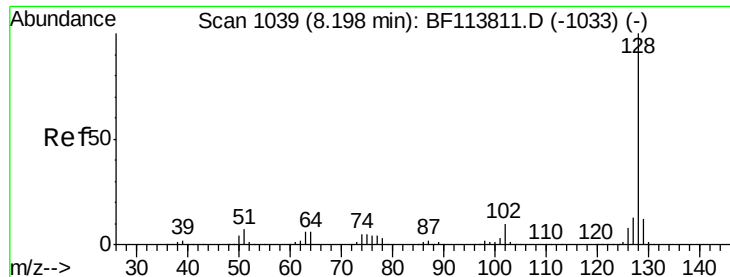
Sohil
 4/23/2019 8:16:37 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.237 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	490470		
182	93.5	75.4	113.0	
145	28.2	23.0	34.4	





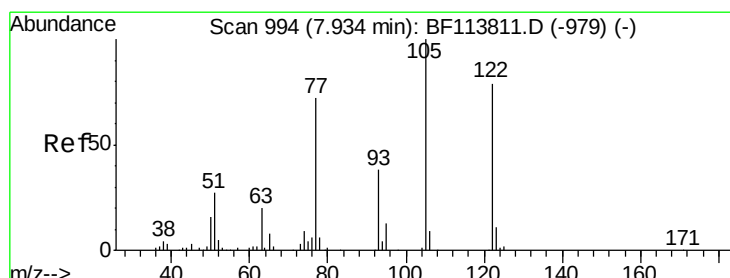
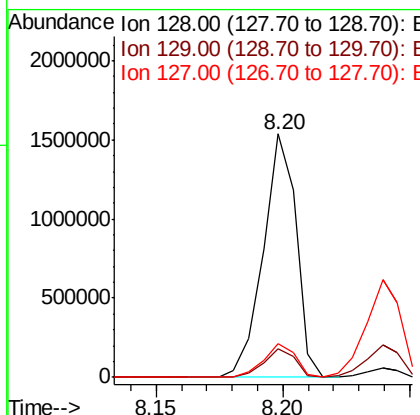
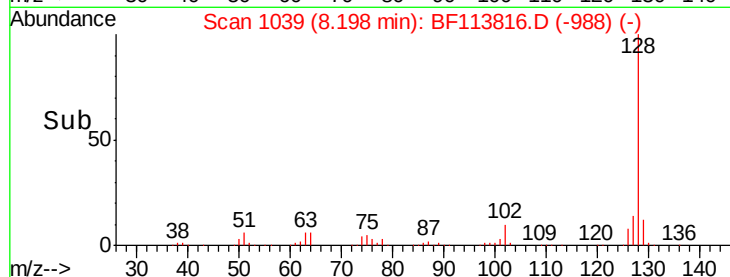
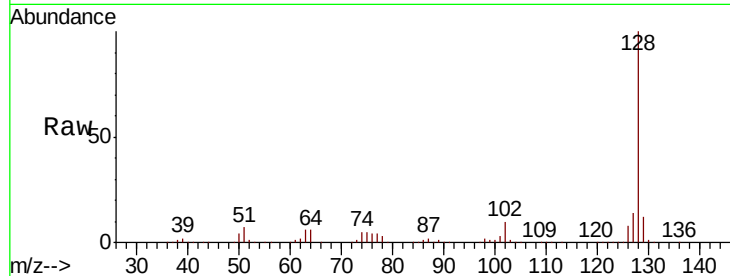
#31
Naphthalene
Concen: 41.325 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion:128 Resp: 1403214
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.8 10.8 16.2

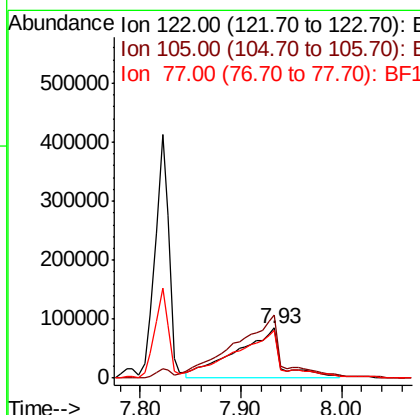
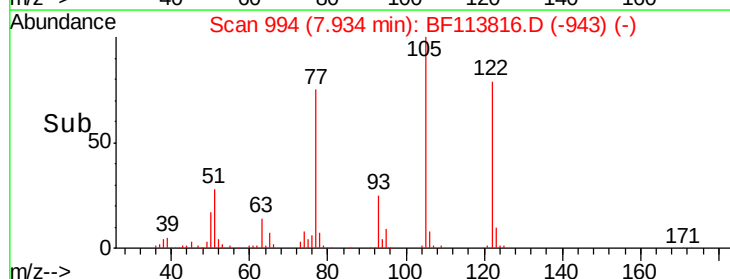
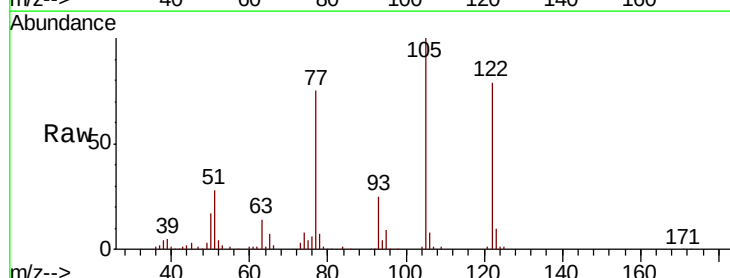
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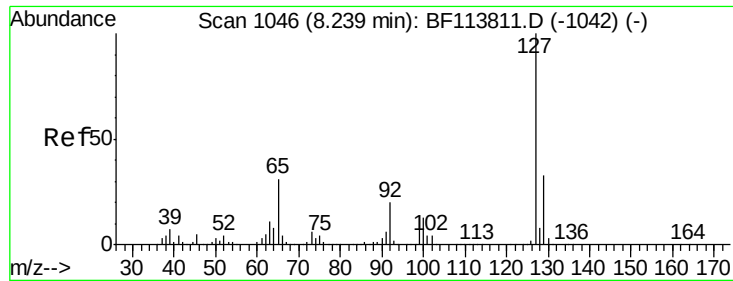
Sohil
4/23/2019 8:16:37 AM



#32
Benzoic acid
Concen: 42.095 ng m
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:122 Resp: 274606
Ion Ratio Lower Upper
122 100
105 126.2 104.3 144.3
77 95.0 70.4 110.4





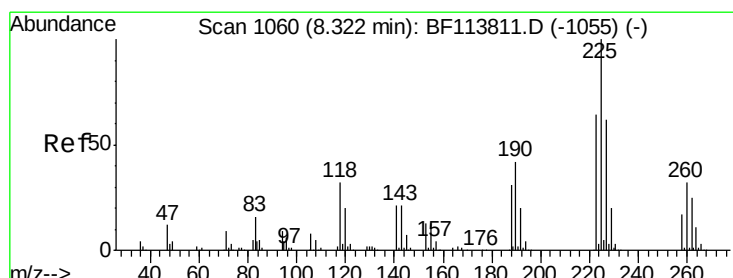
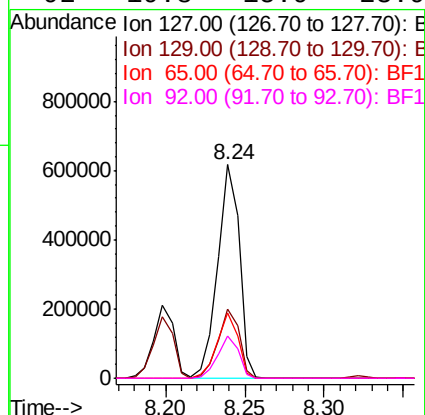
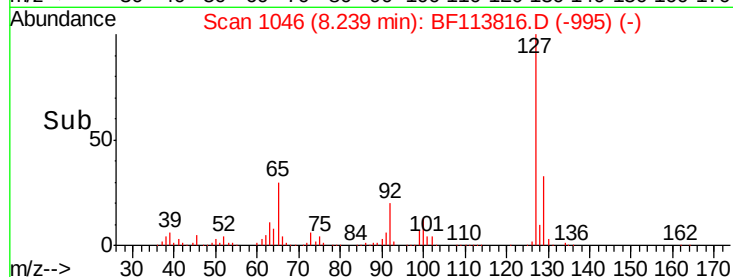
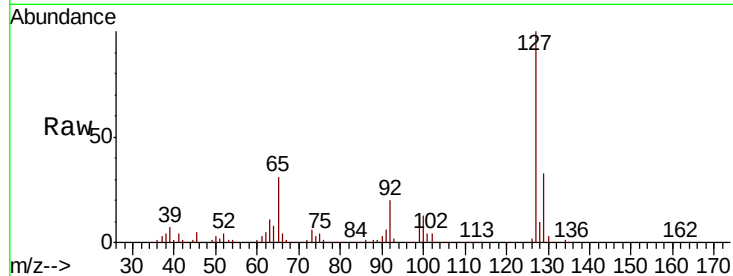
#33
4-Chloroaniline
Concen: 40.750 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		587005		
129	32.6	26.4	39.6		
65	30.6	24.9	37.3		
92	19.8	15.9	23.9		

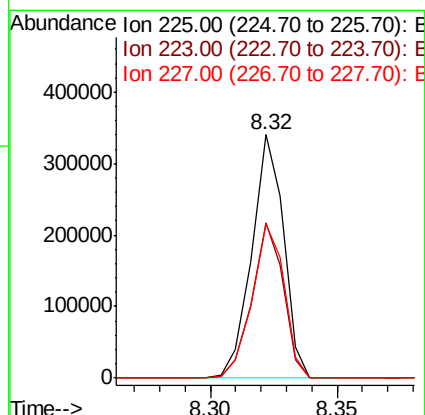
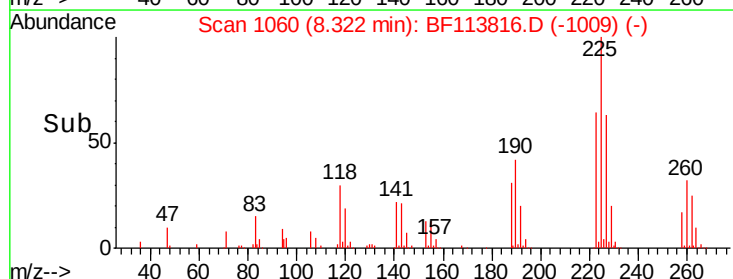
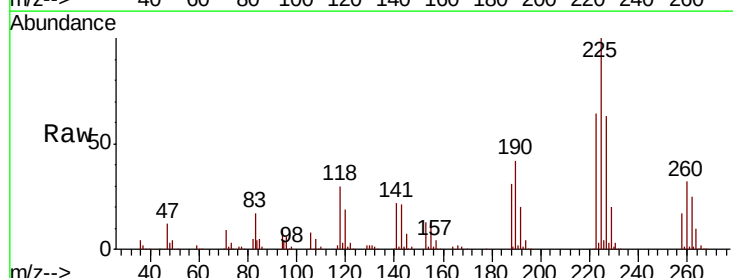
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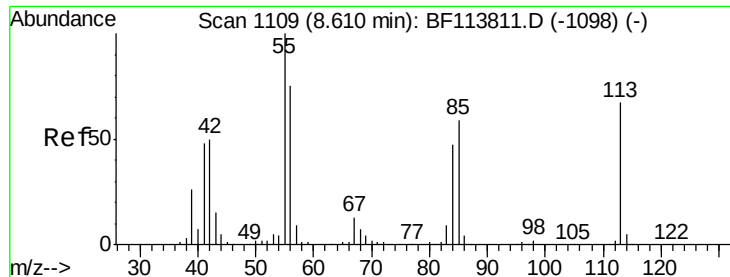
Sohil
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#34
Hexachlorobutadiene
Concen: 41.073 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		298469		
223	63.5	51.1	76.7		
227	63.1	49.9	74.9		





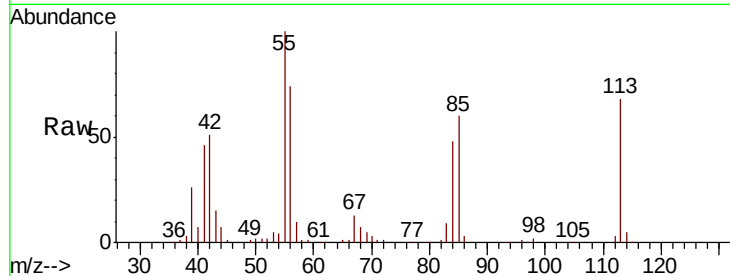
#35
 Caprolactam
 Concen: 40.207 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041819

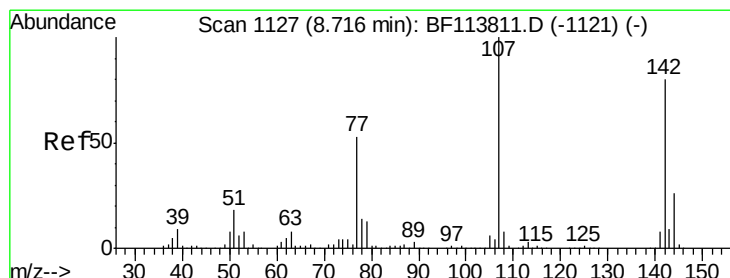
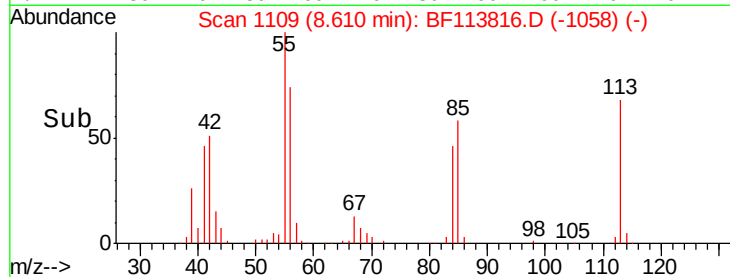
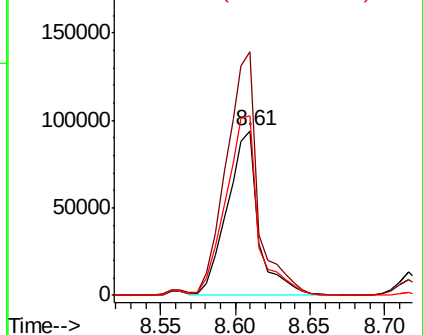
Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	148.0	128.6	168.6	
56	109.4	91.9	131.9	

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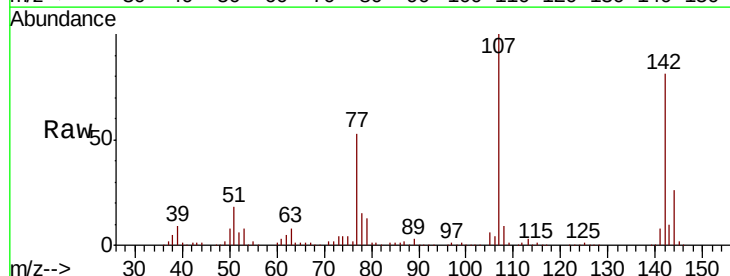


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

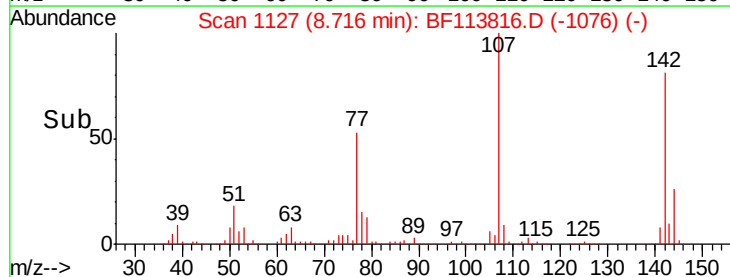
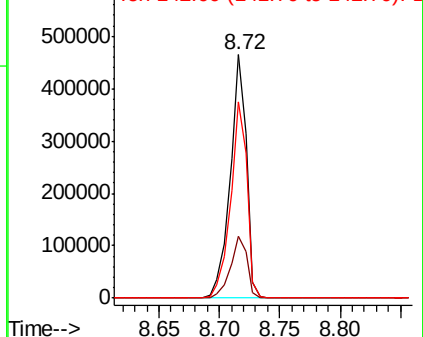


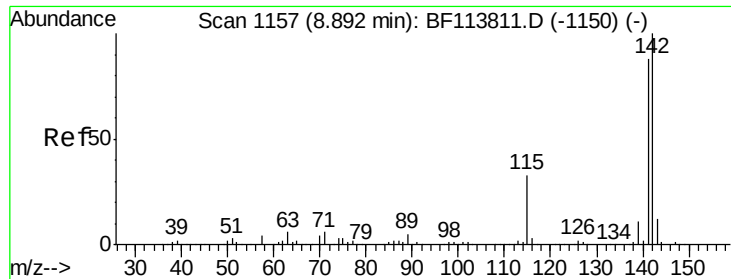
#36
 4-Chloro-3-methylphenol
 Concen: 40.889 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.7	20.5	30.7	
142	80.7	64.2	96.4	



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





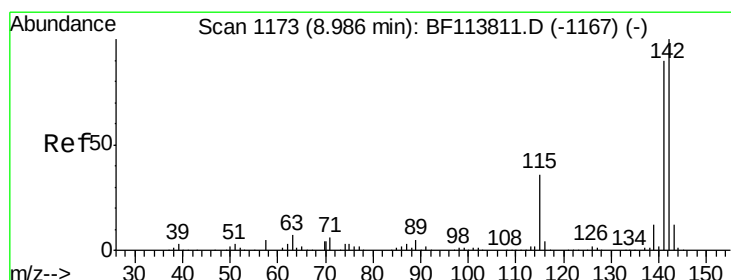
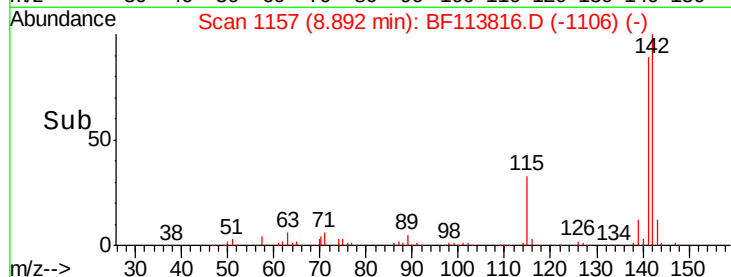
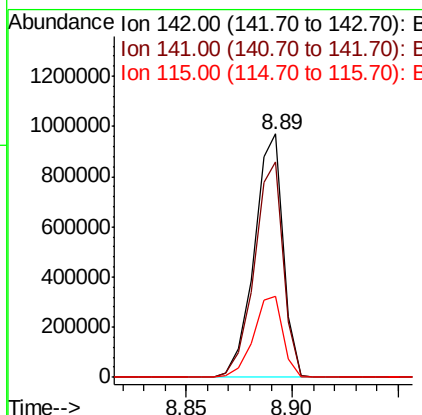
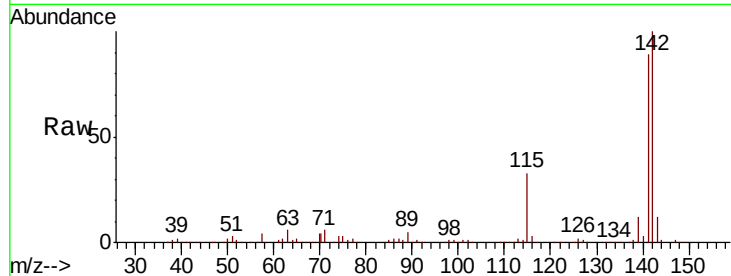
#37
2-Methylnaphthalene
Concen: 40.924 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.4	105.6
115	33.4	26.3	39.5

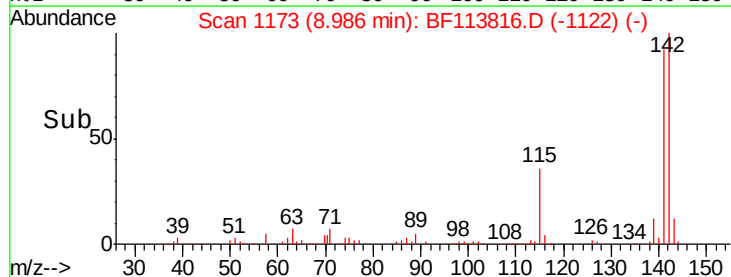
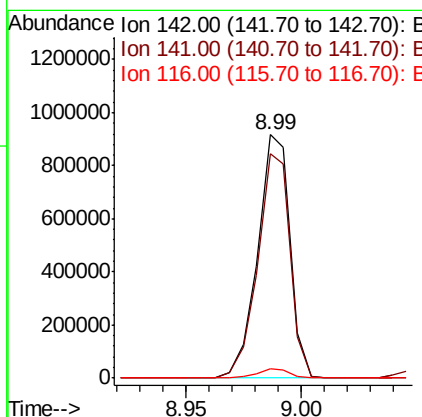
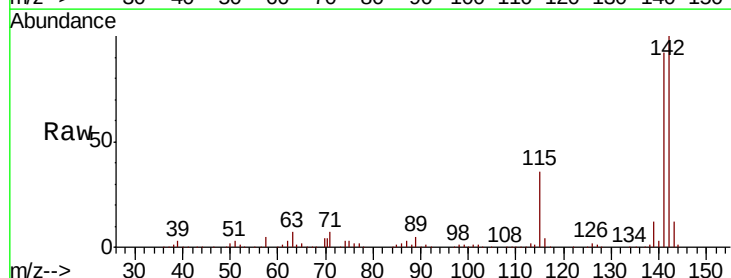
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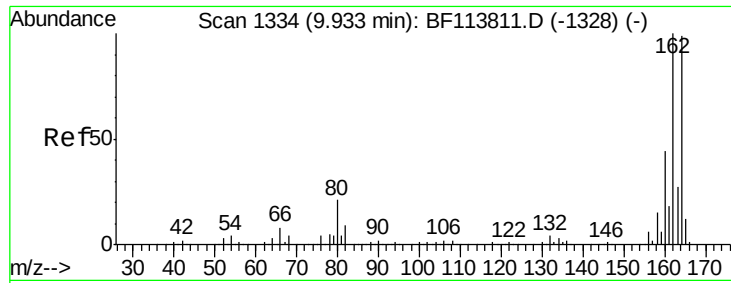
Sohil
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#38
1-Methylnaphthalene
Concen: 40.943 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.3	108.5
116	3.8	3.0	4.4





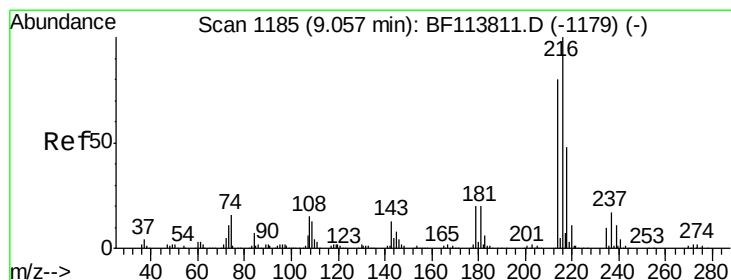
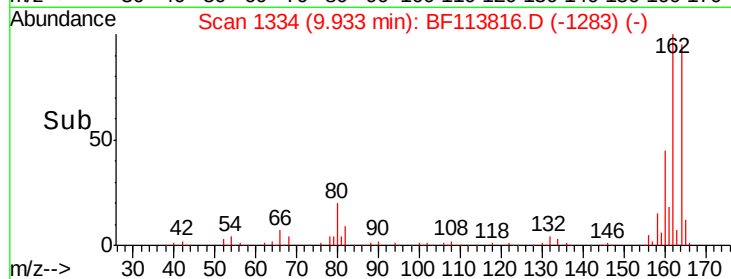
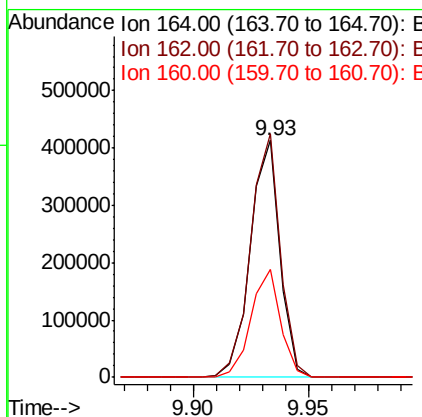
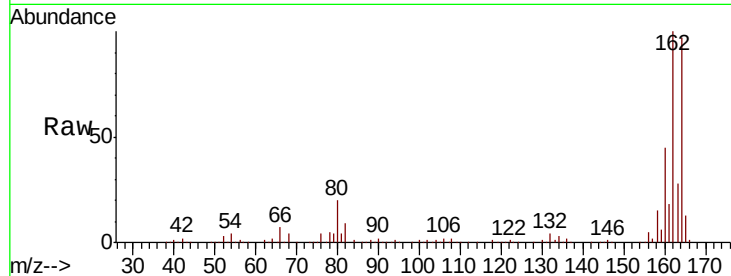
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampled :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.1	121.7
160	45.8	35.8	53.6

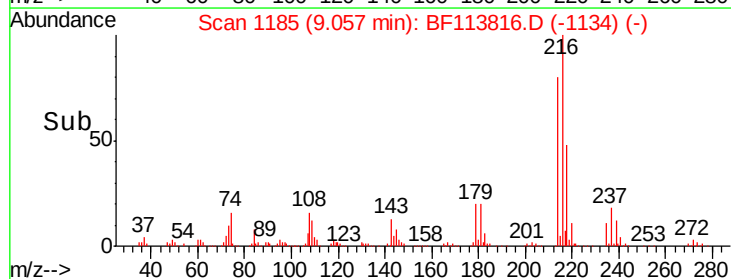
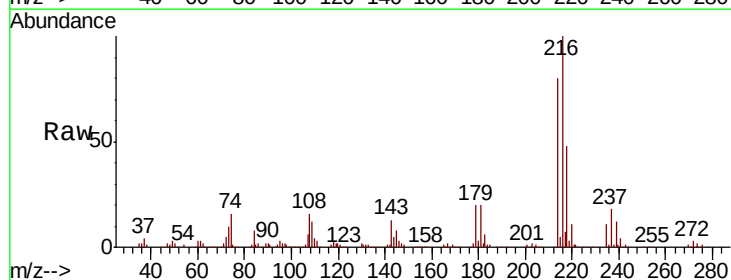
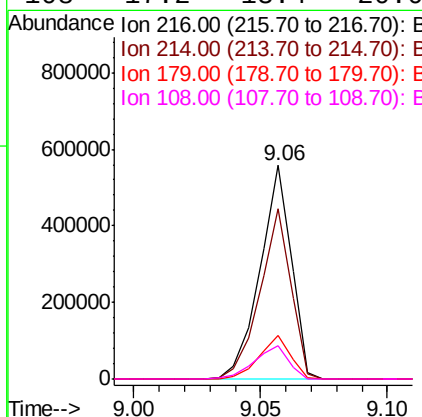
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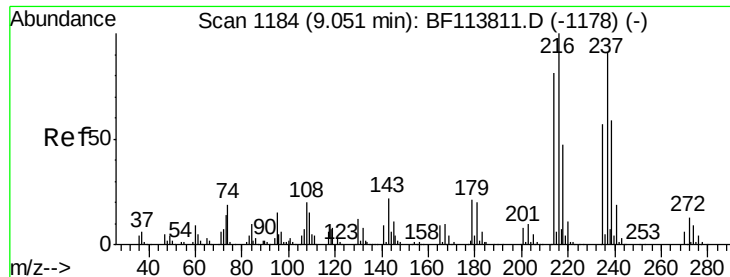
Sohil
4/23/2019 8:16:37 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.112 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.5	95.3
179	20.2	16.1	24.1
108	17.2	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 40.610 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

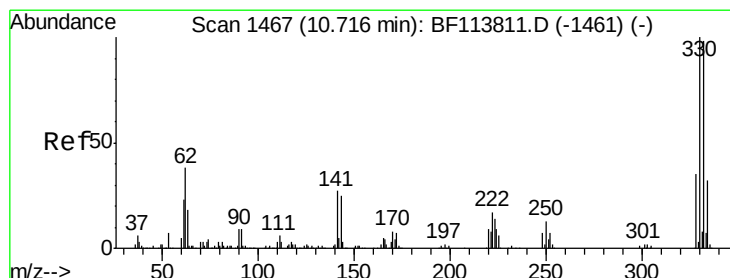
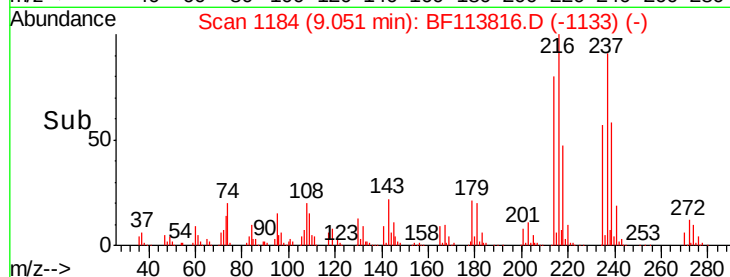
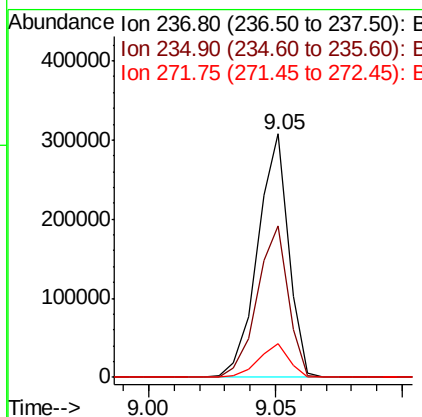
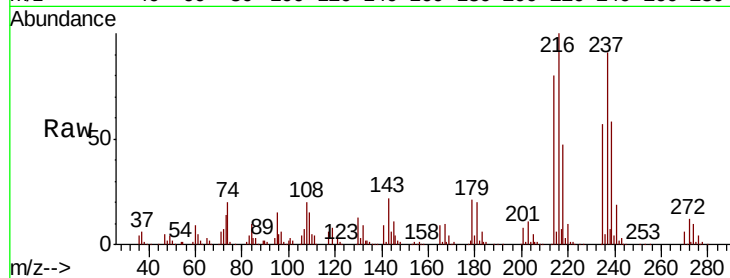
ClientSampleId :

ICVBF041819

Tot Ion:	237	Resp:	261935
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.6	82.6
272	13.7	0.0	33.8

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 84.335 ng

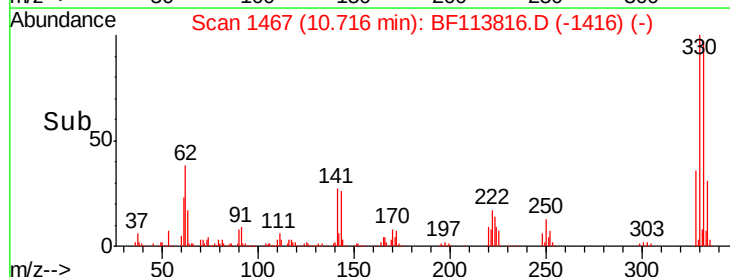
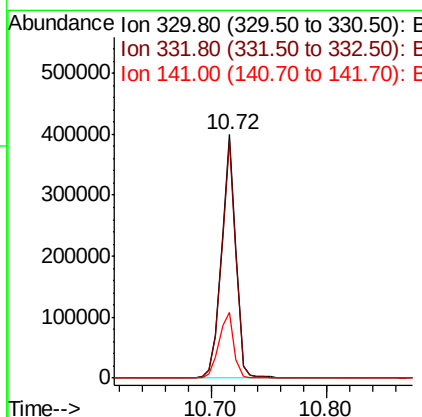
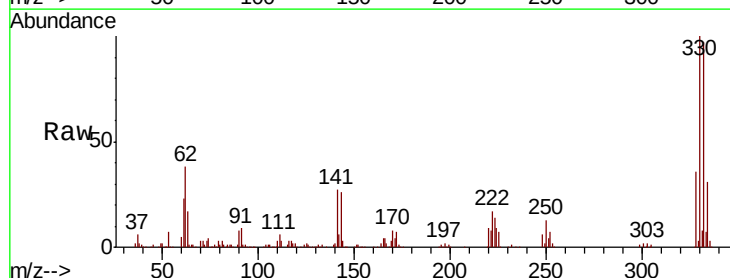
RT: 10.72 min Scan# 1467

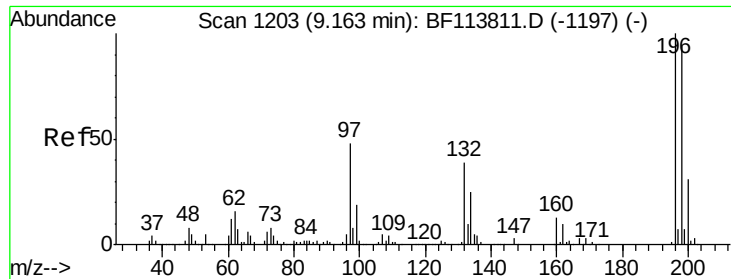
Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion:	330	Resp:	344496
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.5	116.3
141	28.1	22.2	33.2





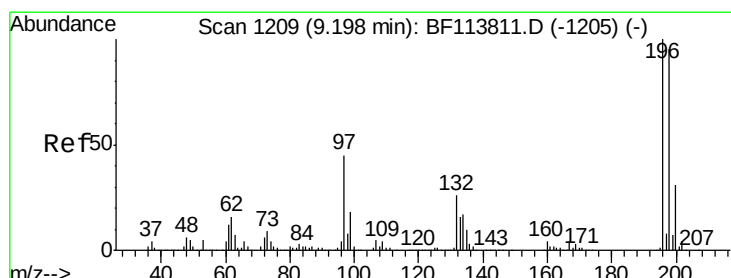
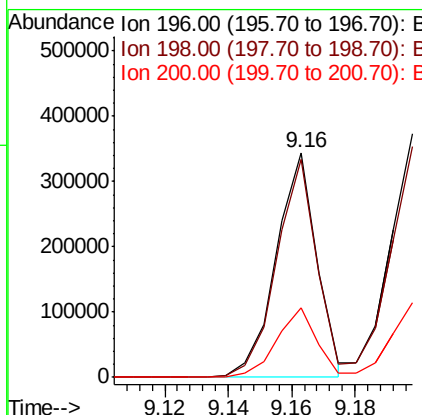
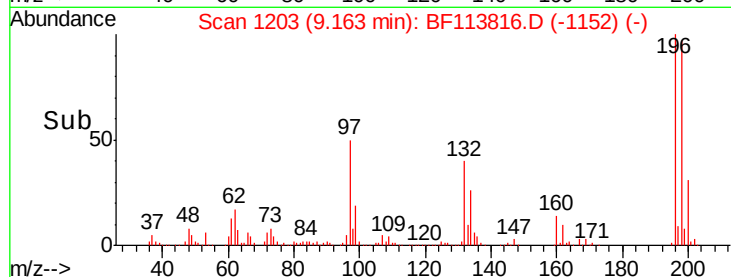
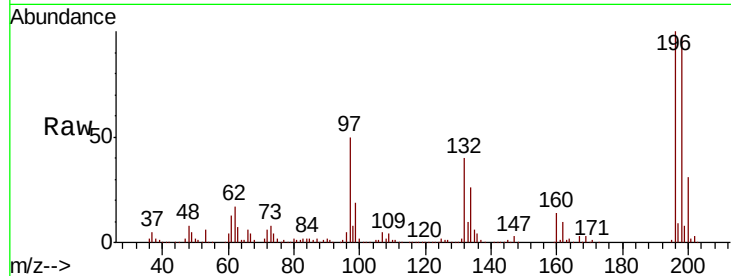
#43
 2,4,6-Trichlorophenol
 Concen: 40.663 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampled :
 ICVBF041819

Tot Ion	Ratio	Resp	Lower	Upper
196	100	307111		
198	97.0	75.6	113.4	
200	30.9	24.7	37.1	

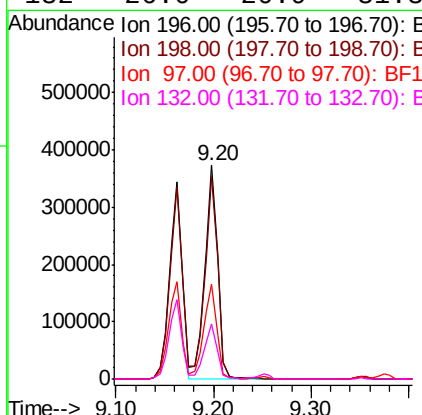
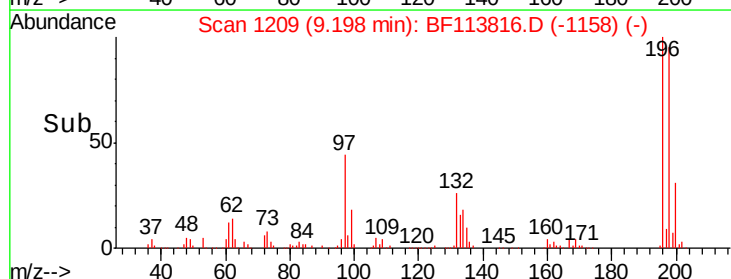
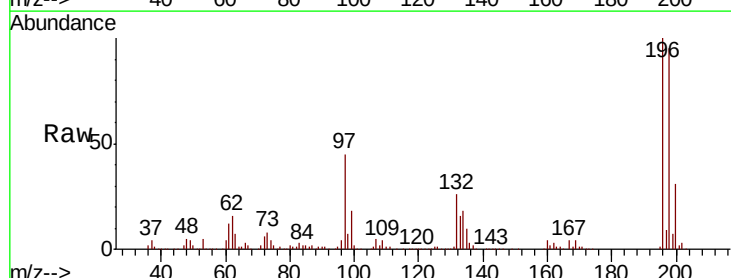
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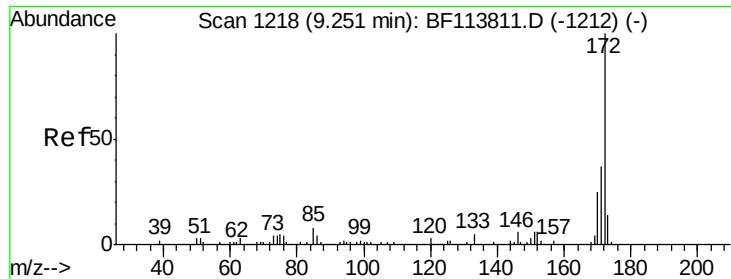
Sohil
 4/23/2019 8:16:37 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.620 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	339227		
198	95.0	76.2	114.4	
97	44.6	35.8	53.8	
132	26.0	20.9	31.3	





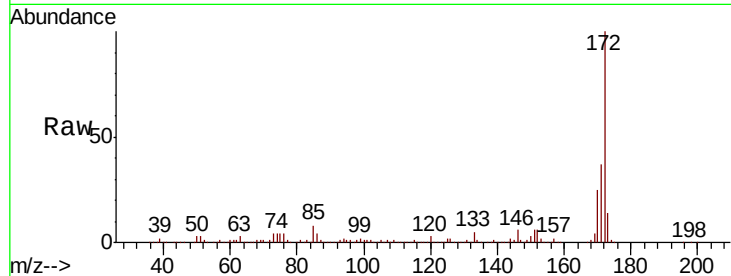
#45
2-Fluorobiphenyl
Concen: 77.030 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.2	19.9	29.9

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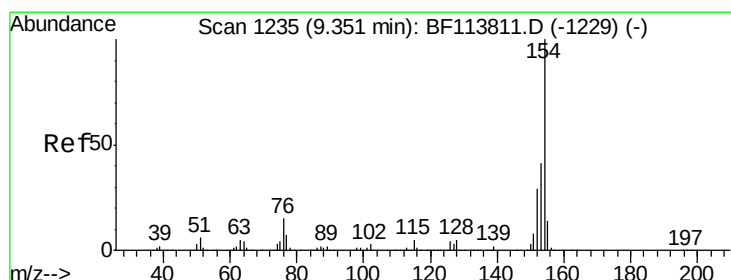
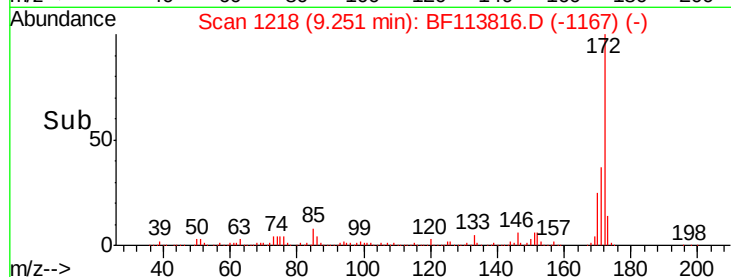
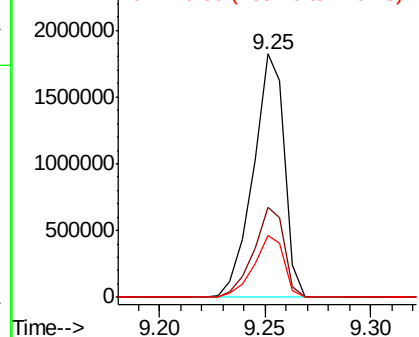


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.378 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

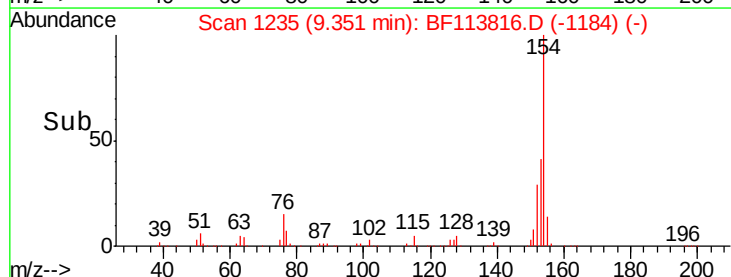
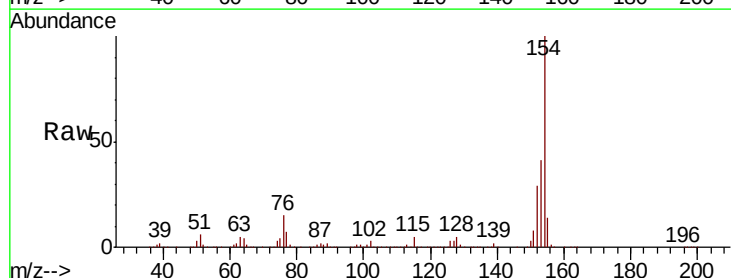
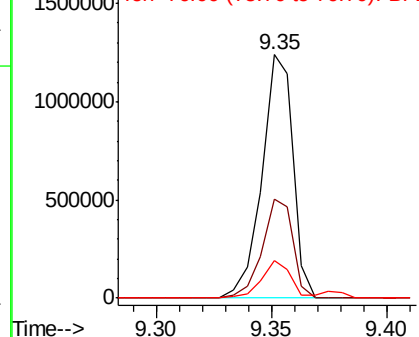
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	15.2	0.0	35.2

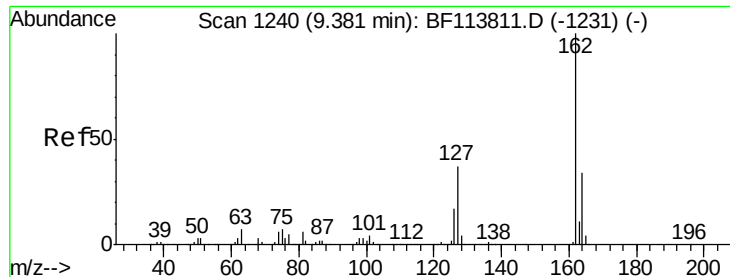
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





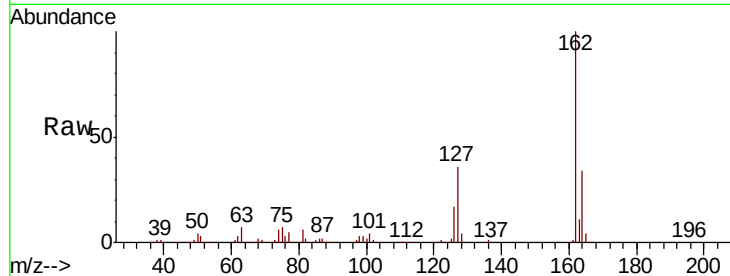
#47
2-Chloronaphthalene
Concen: 40.950 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.3	29.3	43.9	
164	33.8	27.1	40.7	

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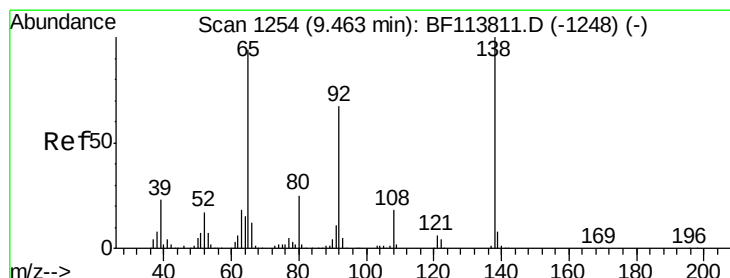
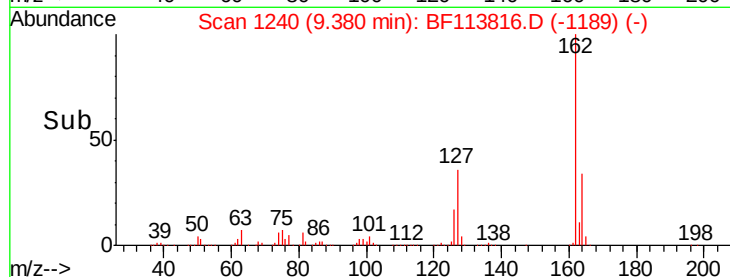
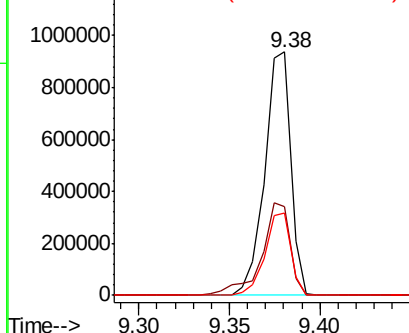


Abundance

Ion 162.00 (161.70 to 162.70): E

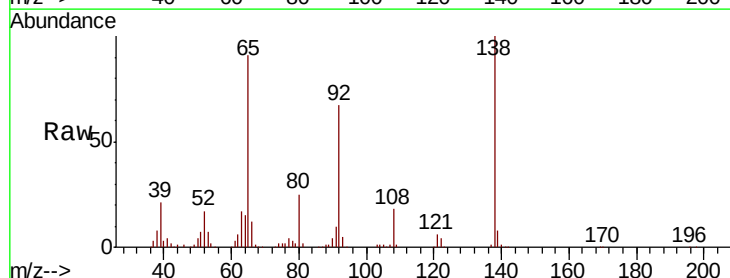
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.987 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.1	57.4	86.0	
138	109.8	85.4	128.0	

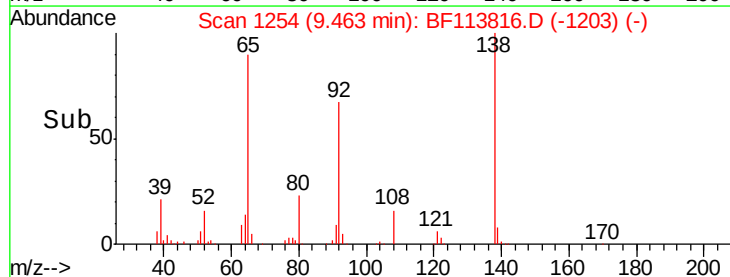
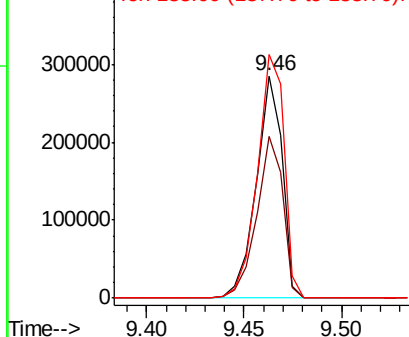


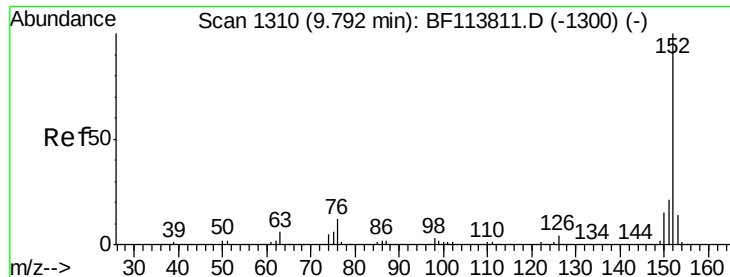
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.928 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

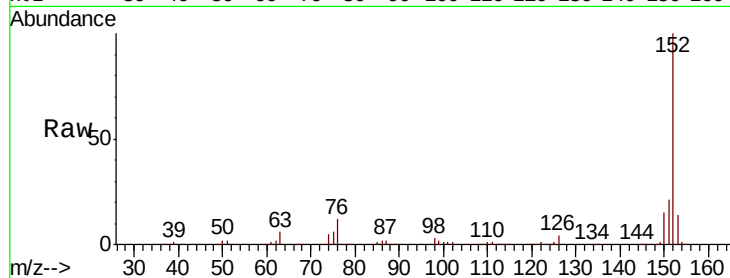
ClientSampleId :

ICVBF041819

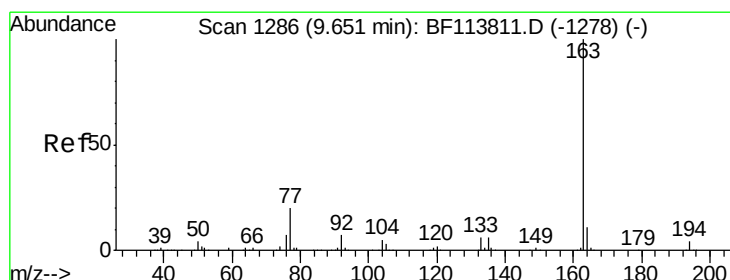
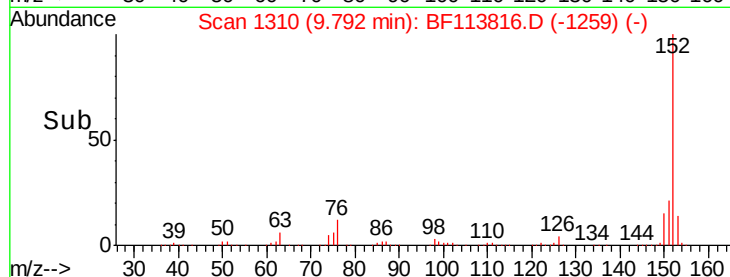
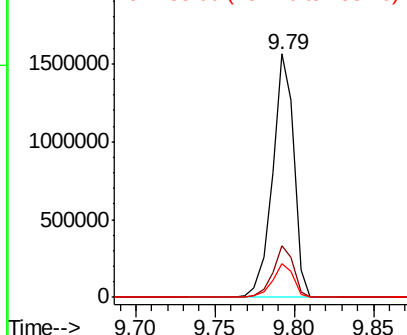
Tot Ion:	152	Resp:	1466122
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.4
153	14.0	11.0	16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.989 ng

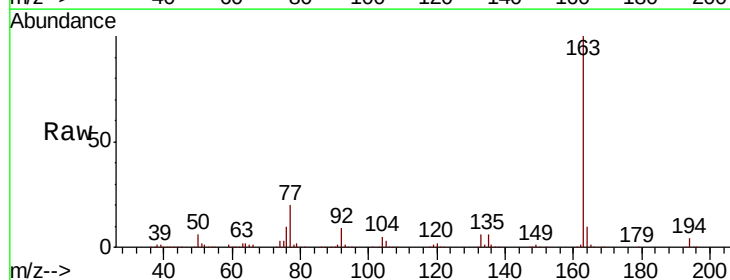
RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

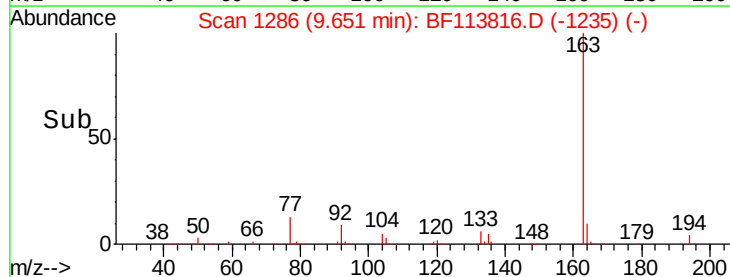
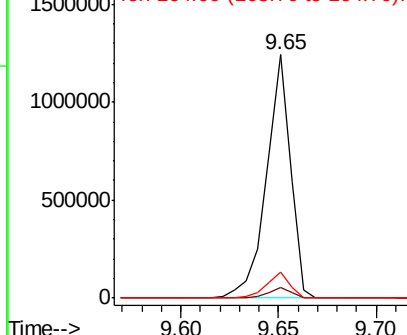
Lab File: BF113816.D

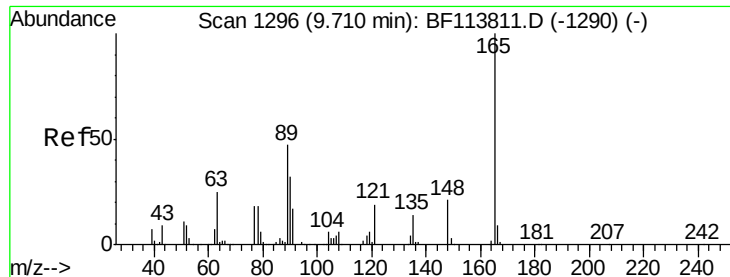
Acq: 18 Apr 2019 14:35

Tgt Ion:	163	Resp:	1060571
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.5	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





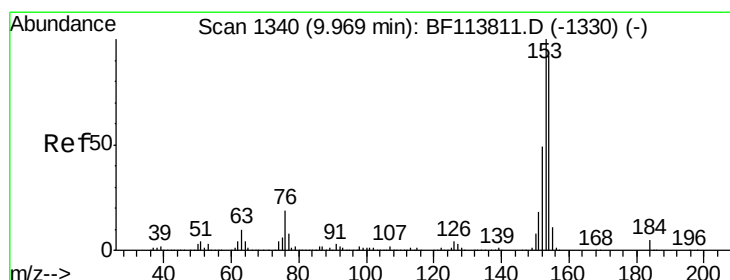
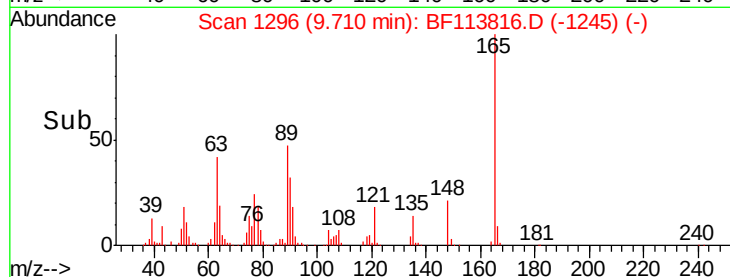
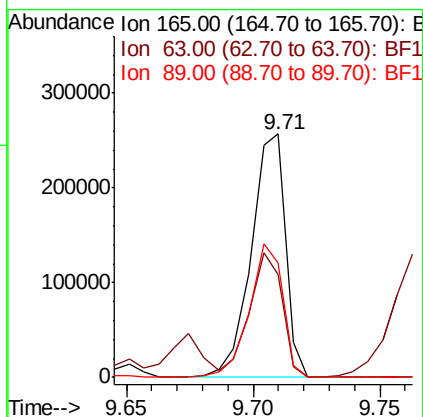
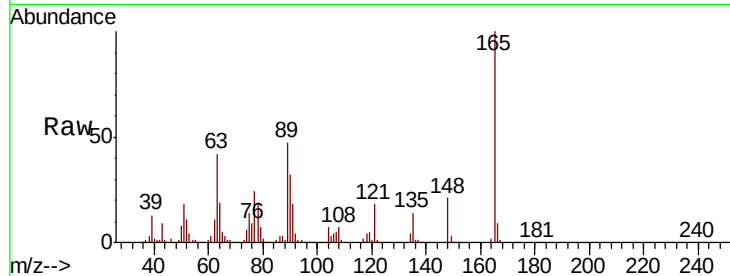
#51
 2,6-Dinitrotoluene
 Concen: 42.591 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041819

Tot Ion	Ratio	Resp	Lower	Upper
165	100	243207		
63	42.0		33.8	50.8
89	46.7		38.2	57.2

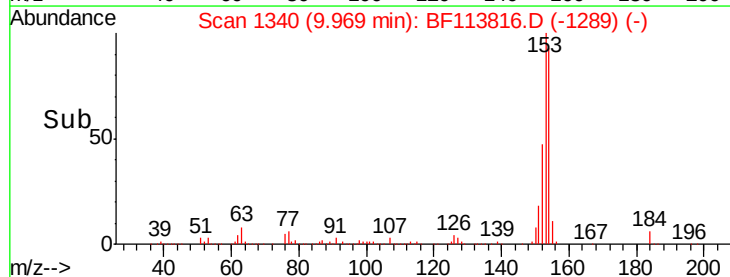
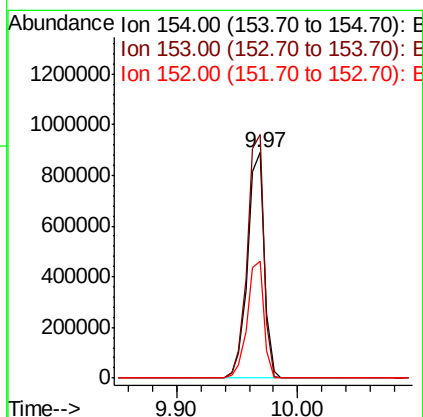
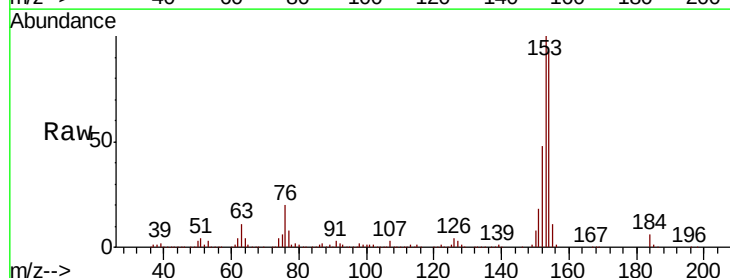
Manual Integrations
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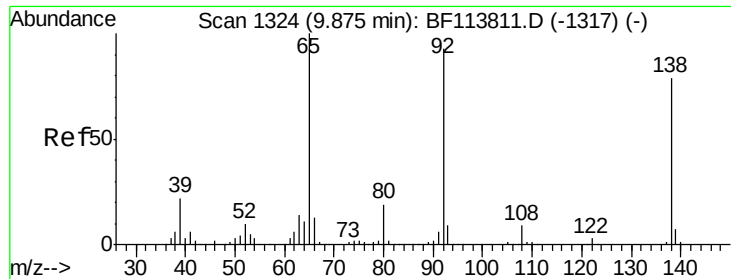
Sohil
 4/23/2019 8:16:37 AM



#52
 Acenaphthene
 Concen: 41.307 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	867944		
153	107.9		87.2	130.8
152	51.7		42.3	63.5





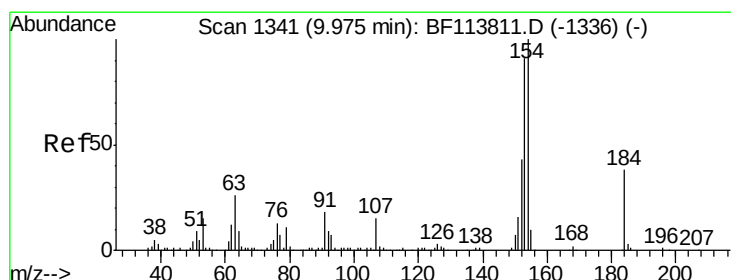
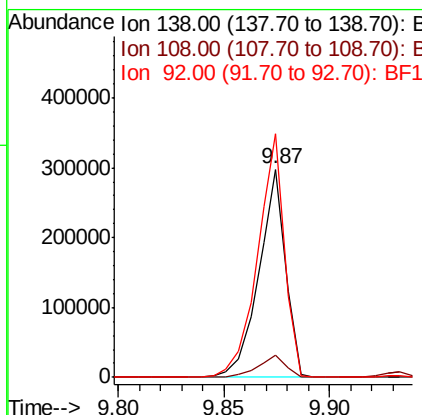
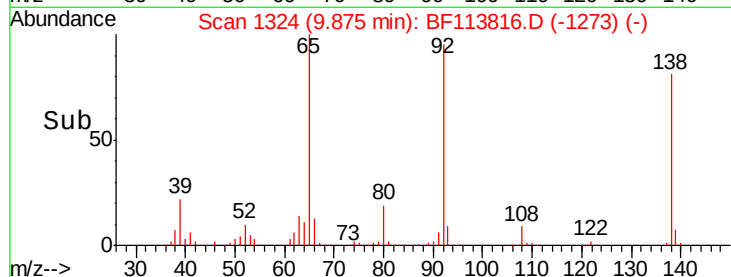
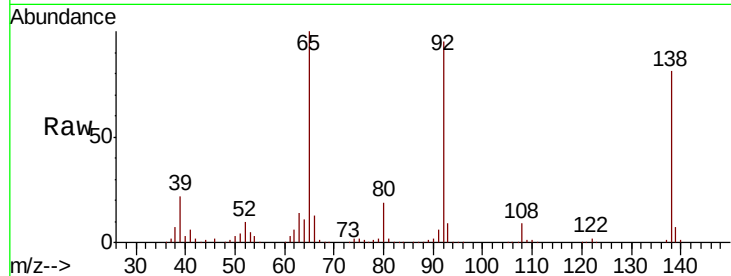
#53
3-Nitroaniline
Concen: 43.303 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.2
92	116.9	94.1	141.1

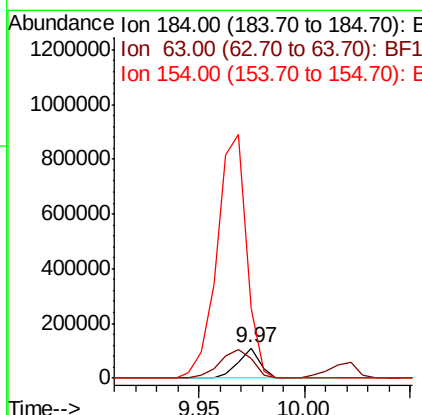
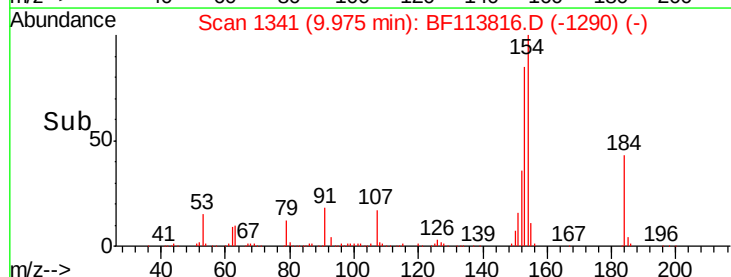
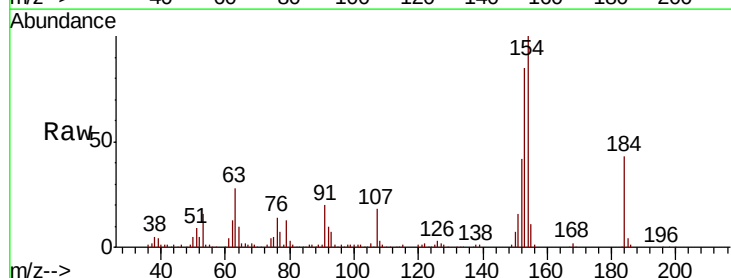
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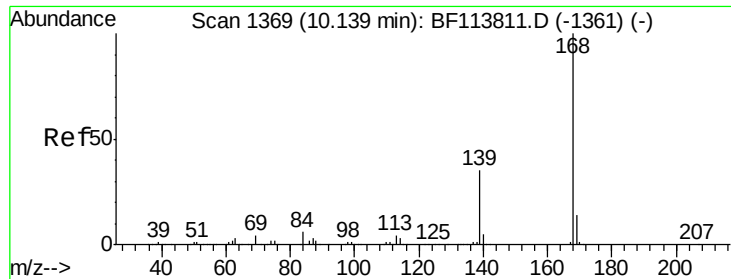
Sohil
4/23/2019 8:16:37 AM



#54
2,4-Dinitrophenol
Concen: 42.155 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.8	54.6	81.8
154	233.7	218.6	328.0





#55

Dibenzofuran

Concen: 41.485 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion:168 Resp: 1305776

Ion Ratio Lower Upper

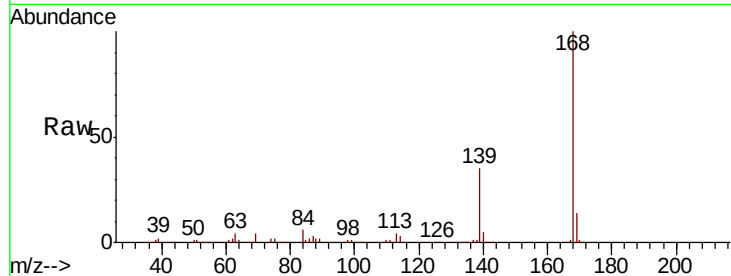
168 100

139 34.8 27.8 41.6

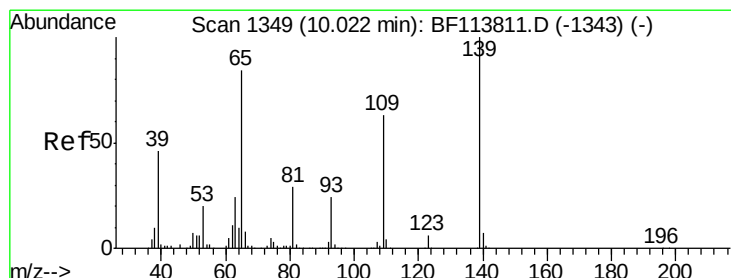
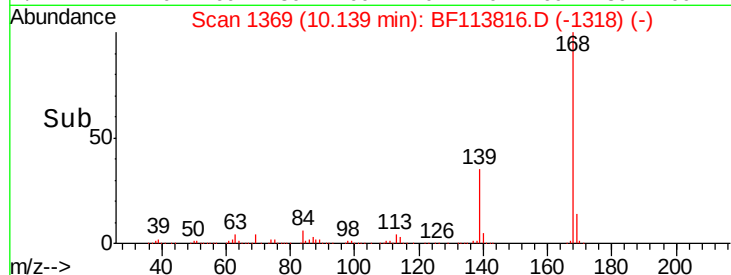
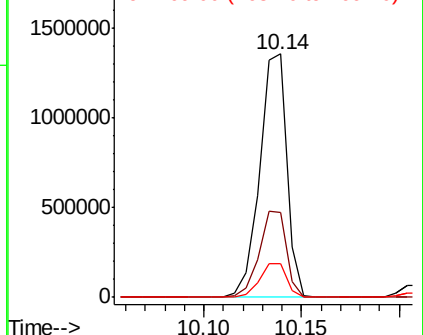
169 13.6 11.0 16.6

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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: 43.731 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

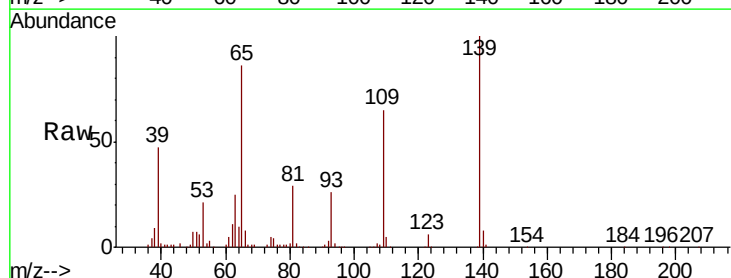
Tgt Ion:139 Resp: 215187

Ion Ratio Lower Upper

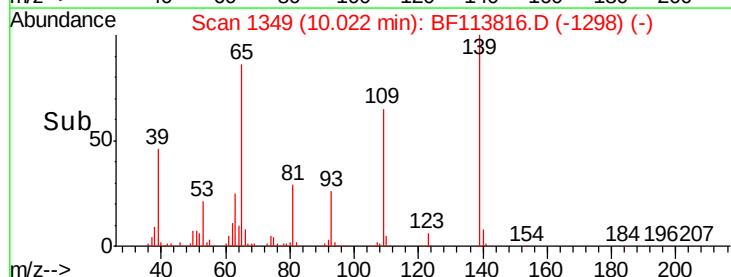
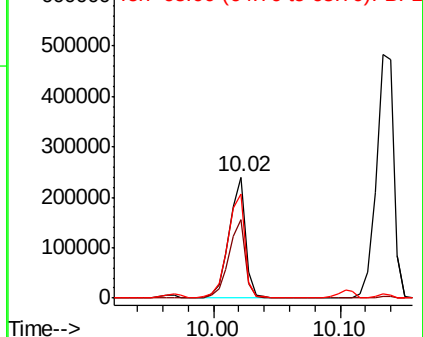
139 100

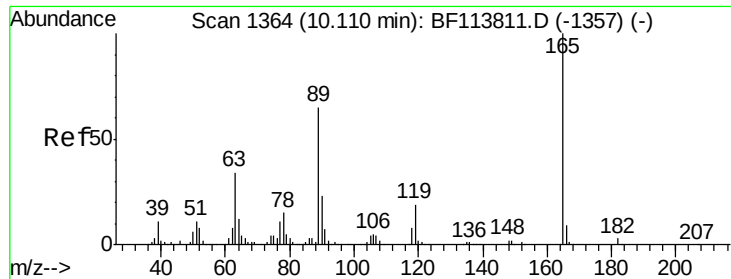
109 64.5 42.9 82.9

65 86.4 64.4 104.4



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: 43.977 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

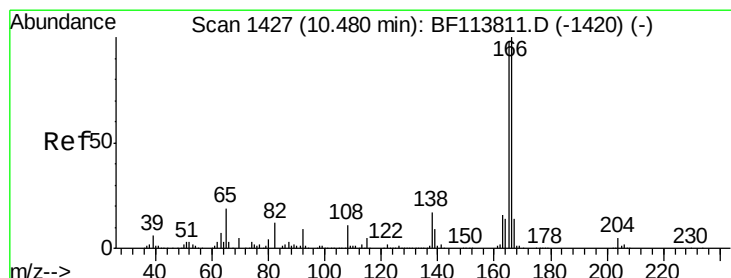
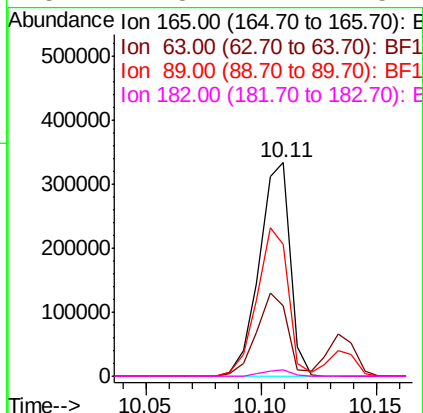
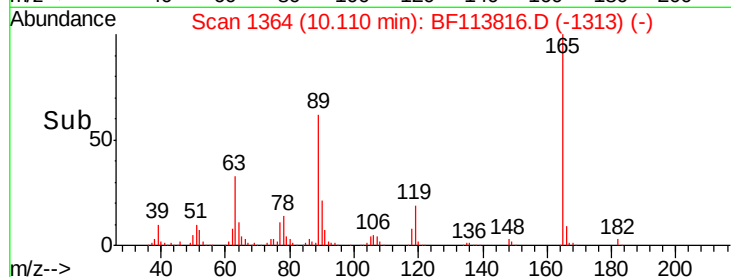
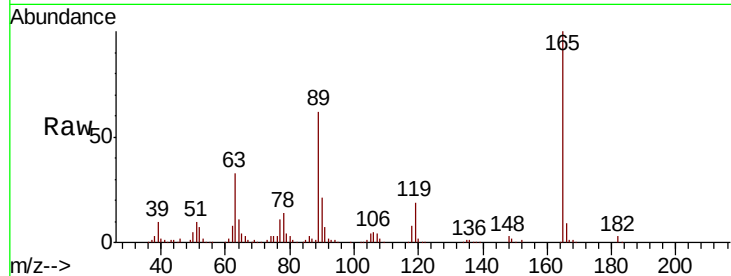
ClientSampleId :

ICVBF041819

Tot Ion	Ratio	Resp	Lower	Upper
165	100	311553		
63	32.8	27.4	41.0	
89	62.0	51.8	77.6	
182	2.8	2.2	3.2	

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#58

Fluorene

Concen: 40.782 ng

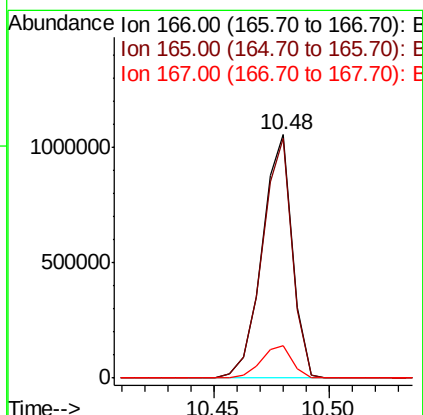
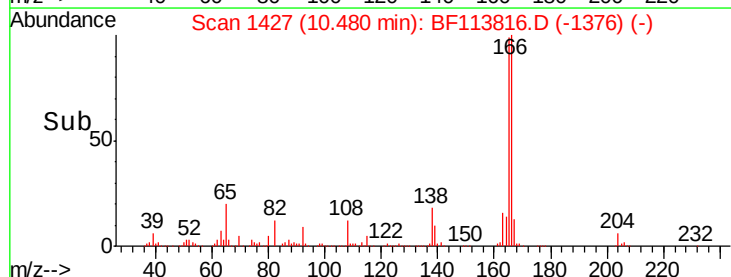
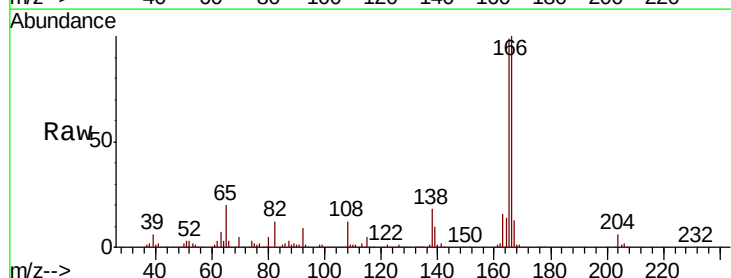
RT: 10.48 min Scan# 1427

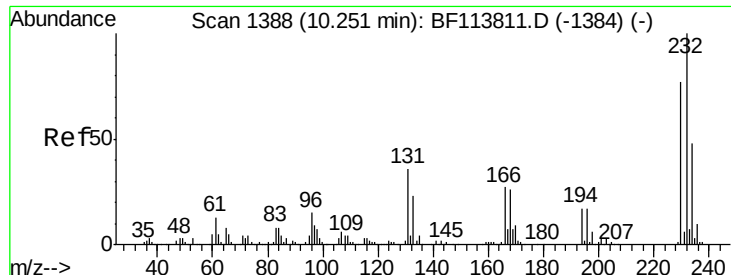
Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	957560		
165	98.7	78.4	117.6	
167	13.4	10.9	16.3	





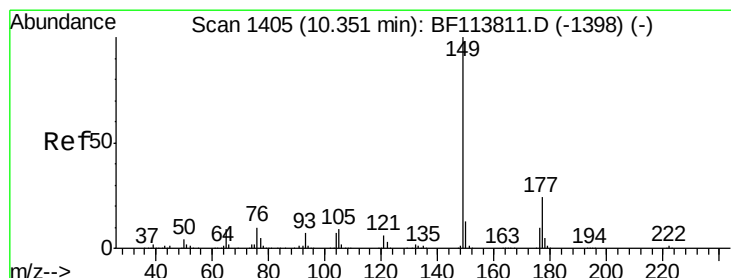
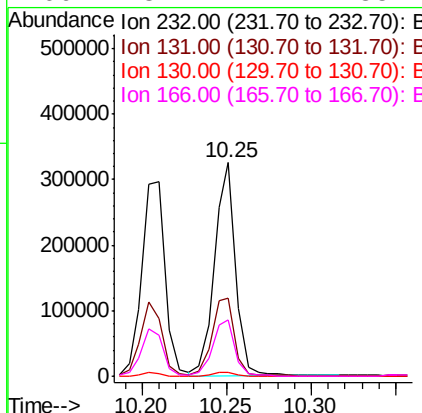
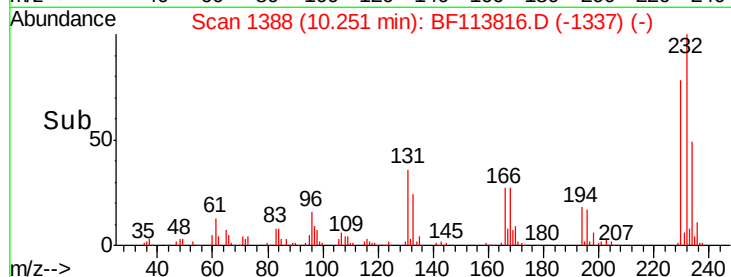
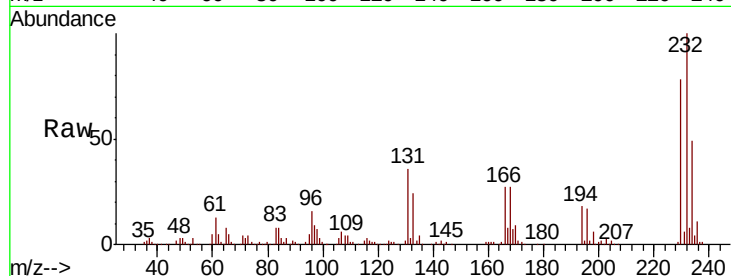
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.963 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampled :
ICVBF041819

Tot Ion	Ratio	Resp	Lower	Upper
232	100	284902		
131	39.5	30.2	45.2	
130	1.8	1.5	2.3	
166	28.4	22.2	33.4	

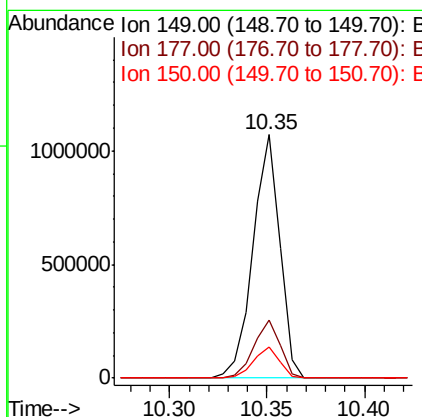
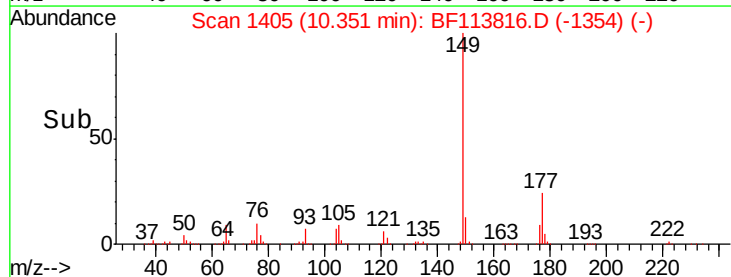
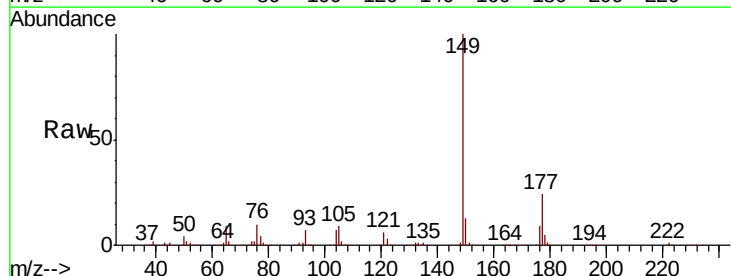
Manual Integrations
APPROVED

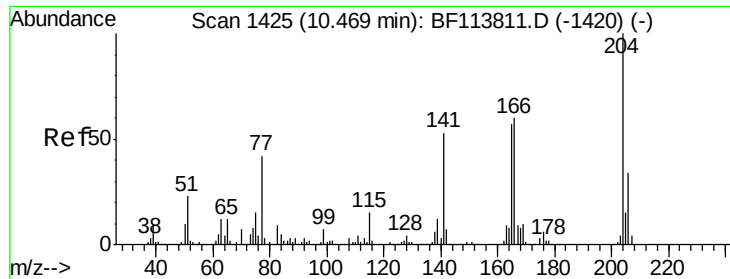
Sohil
4/23/2019 8:16:37 AM



#60
Diethylphthalate
Concen: 41.097 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1019111		
177	24.0	19.2	28.8	
150	12.8	10.3	15.5	





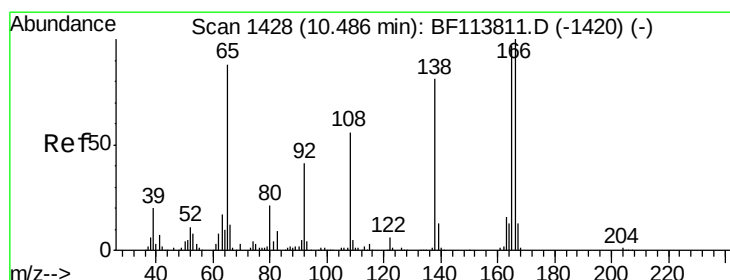
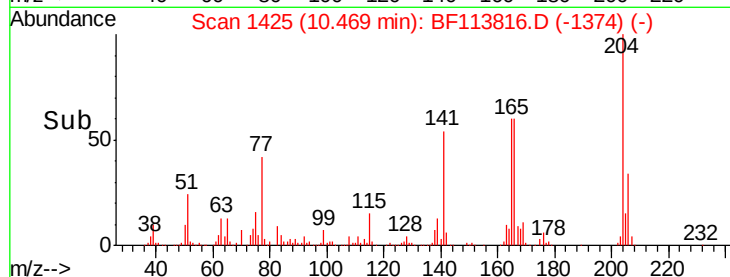
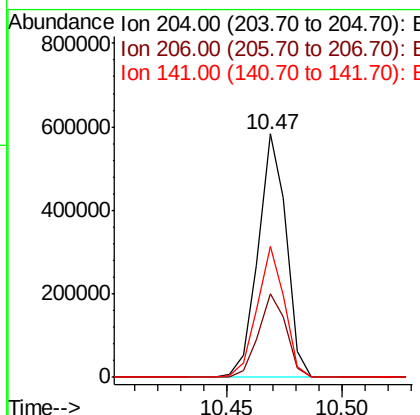
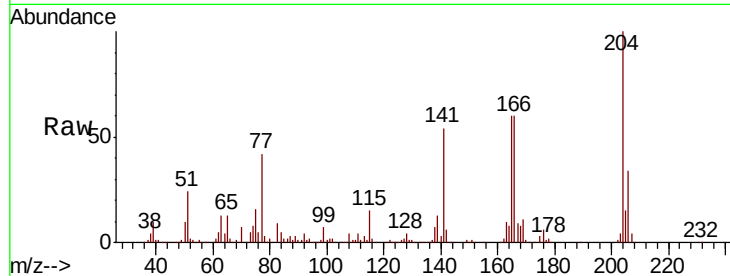
#61
4-Chlorophenyl-phenylether
Concen: 41.230 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	53.8	42.6	63.8

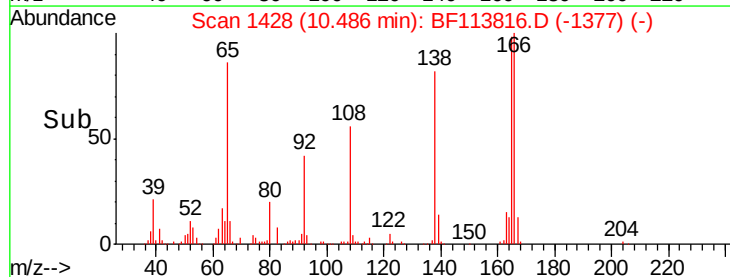
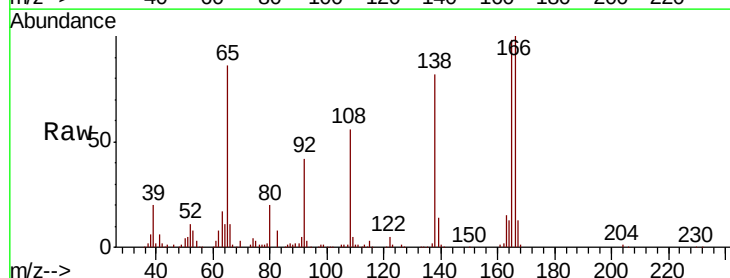
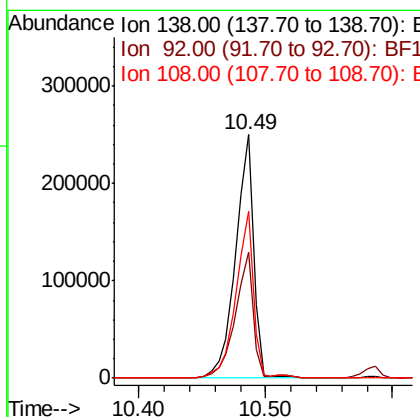
Manual Integrations
APPROVED

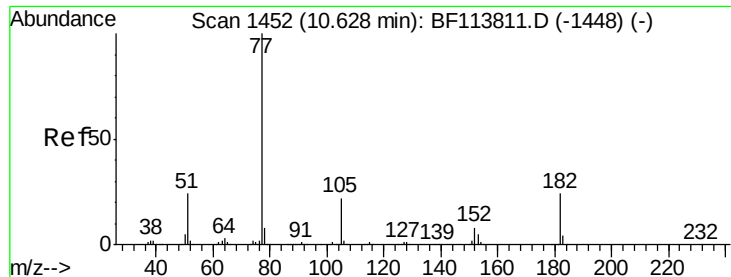
Sohil
4/23/2019 8:16:37 AM



#62
4-Nitroaniline
Concen: 41.999 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.3	71.3
108	68.5	48.9	88.9





#63

Azobenzene

Concen: 40.964 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion: 77 Resp: 1043854

Ion Ratio Lower Upper

77 100

182 24.7 4.4 44.4

105 22.2 2.2 42.2

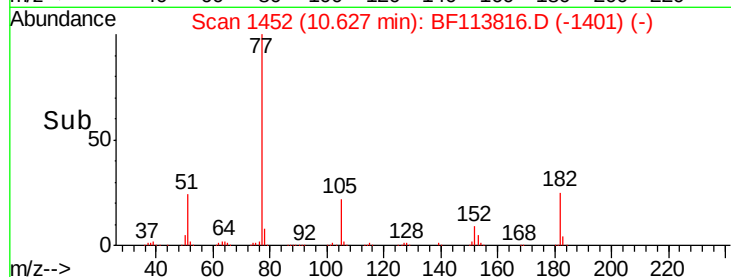
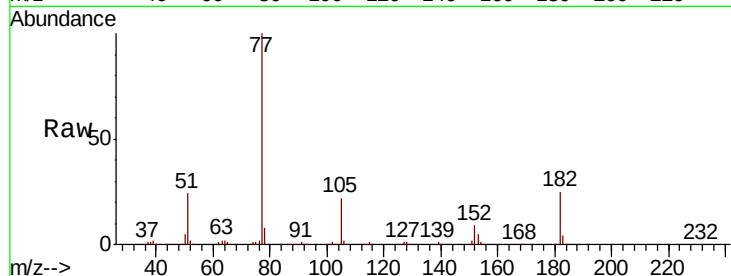
51 24.0 3.9 43.9

Manual Integrations

APPROVED

Sohil

4/23/2019 8:16:37 AM

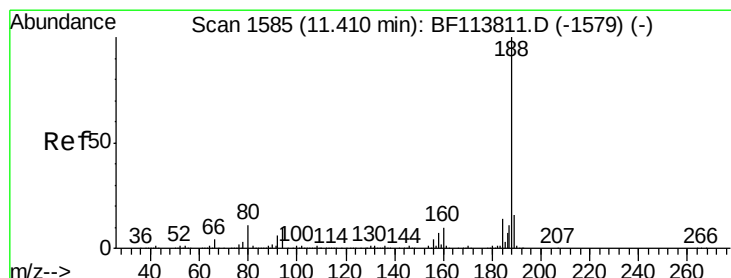
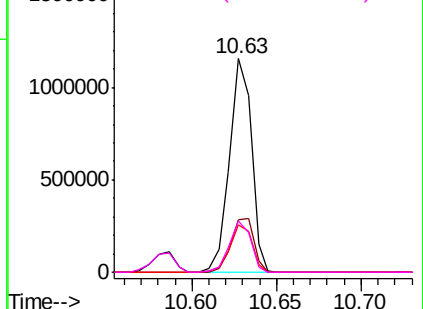


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

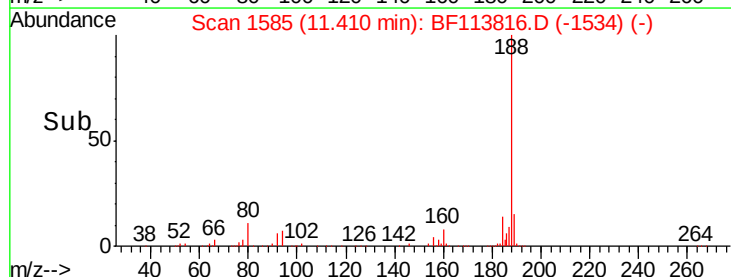
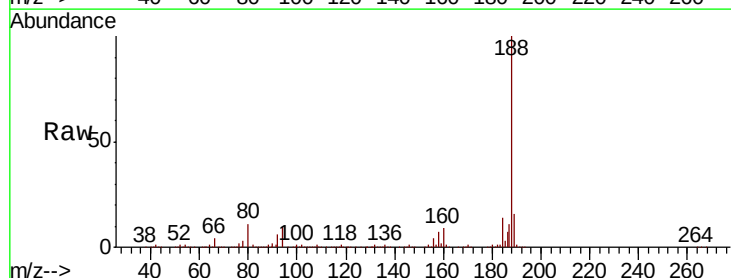
Tgt Ion: 188 Resp: 720674

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.4

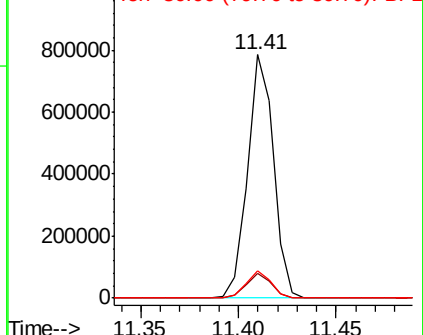
80 11.3 9.0 13.6

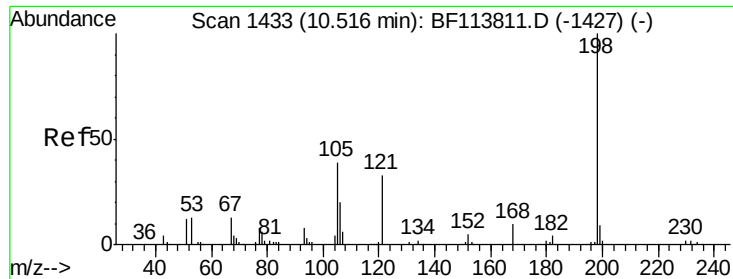


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





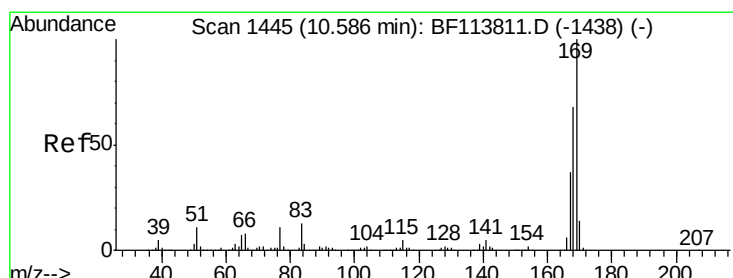
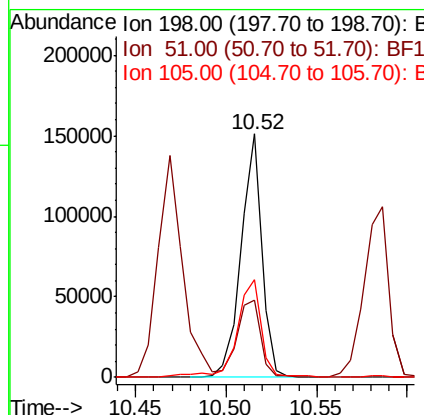
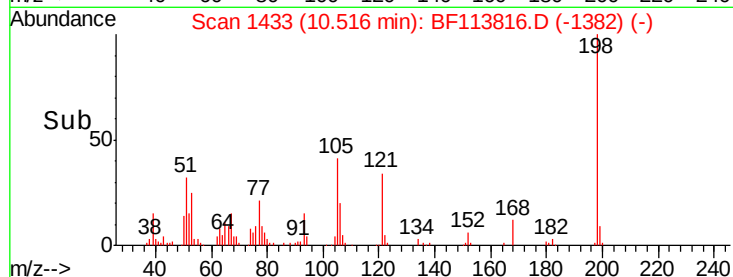
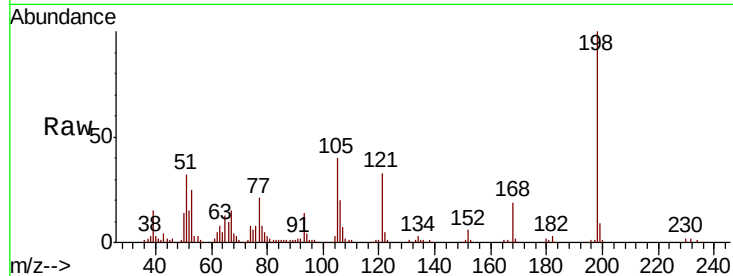
#65
4,6-Dinitro-2-methylphenol
Concen: 41.624 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion:	198	Resp:	120776
Ion Ratio	Lower	Upper	
198	100		
51	31.8	11.1	51.1
105	40.1	20.7	60.7

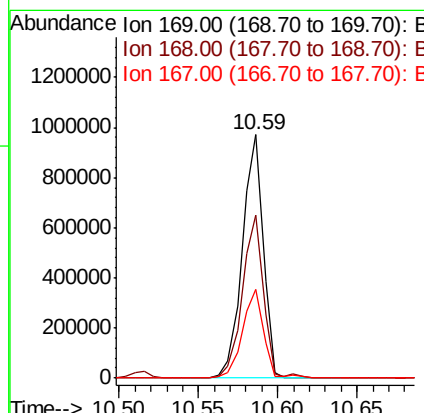
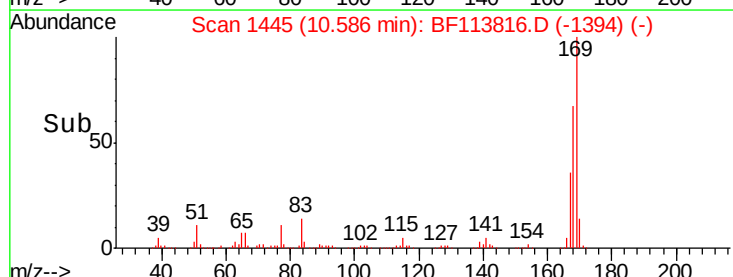
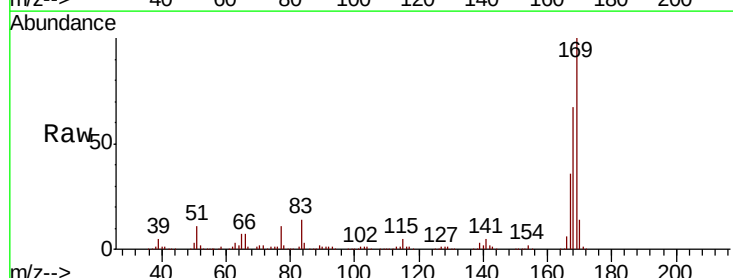
Manual Integrations
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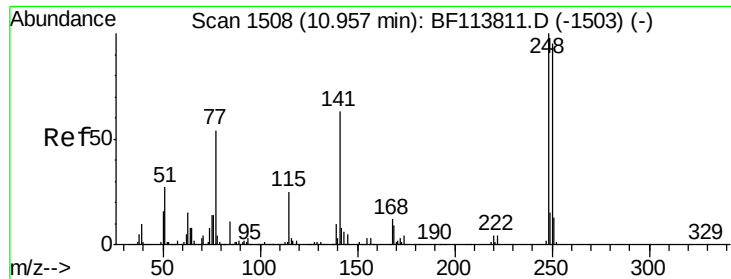
Sohil
4/23/2019 8:16:37 AM



#66
n-Nitrosodiphenylamine
Concen: 40.406 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion:	169	Resp:	882691
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.3	81.5
167	36.5	29.4	44.0





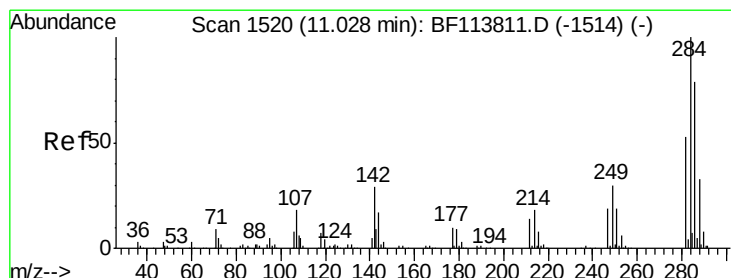
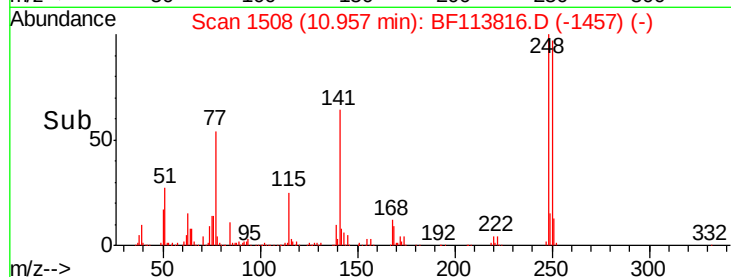
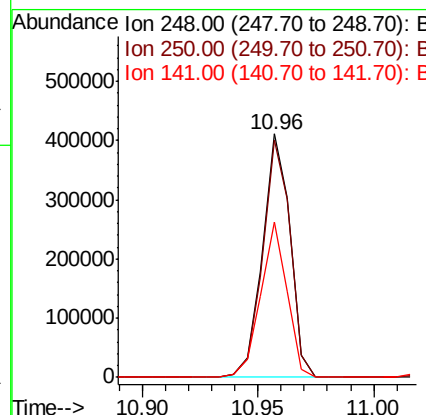
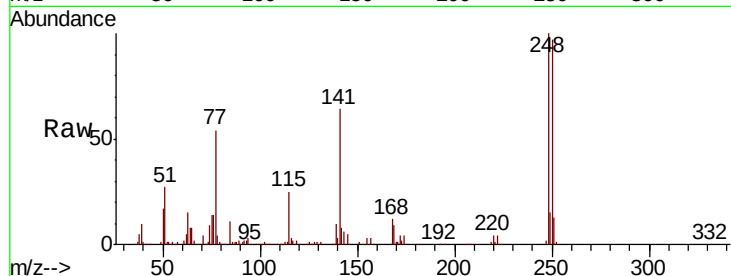
#67
4-Bromophenyl-phenylether
Concen: 40.506 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampled :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.8	113.6
141	63.7	50.2	75.4

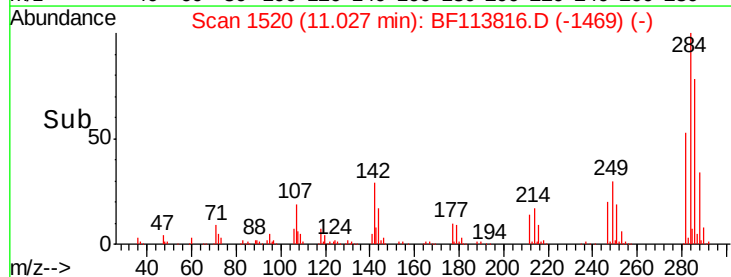
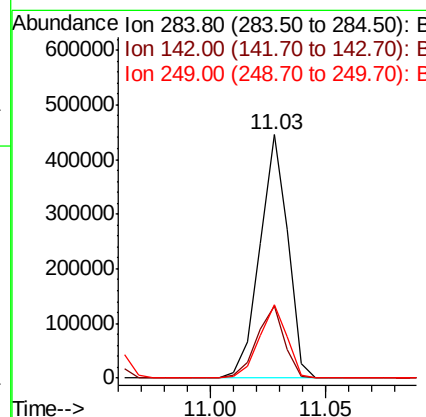
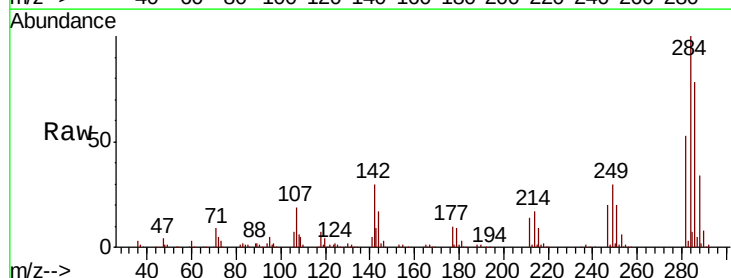
Manual Integrations
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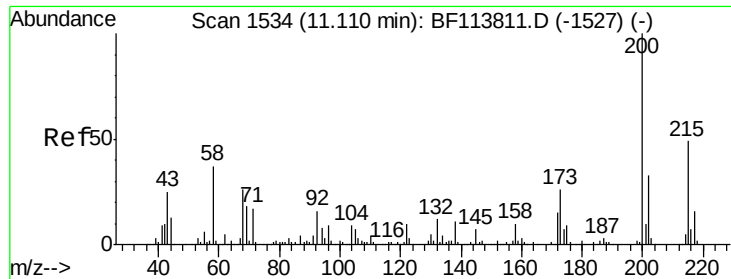
Sohil
4/23/2019 8:16:37 AM



#68
Hexachlorobenzene
Concen: 40.608 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	23.0	34.4
249	30.2	24.4	36.6





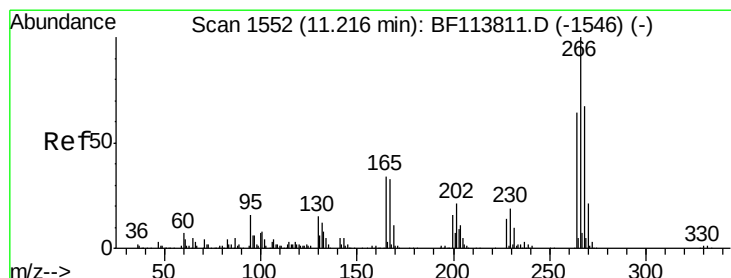
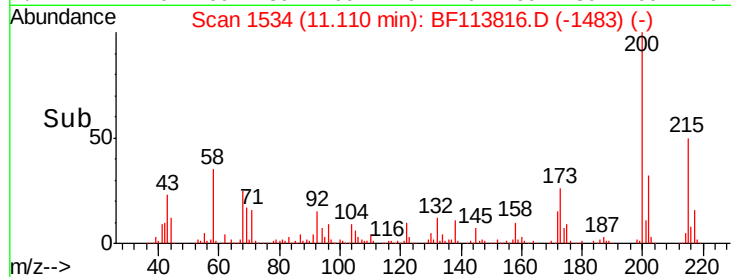
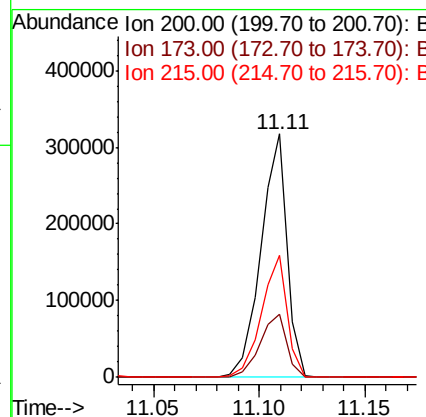
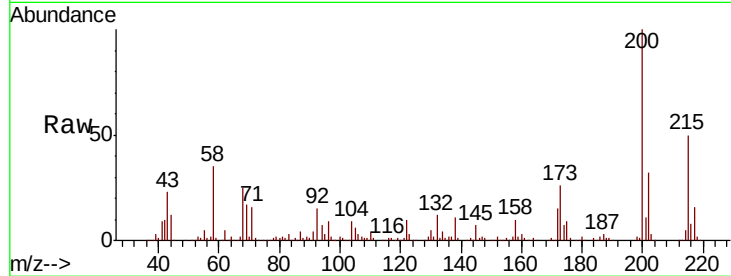
#69
Atrazine
Concen: 40.414 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.0	5.9	45.9
215	50.2	29.3	69.3

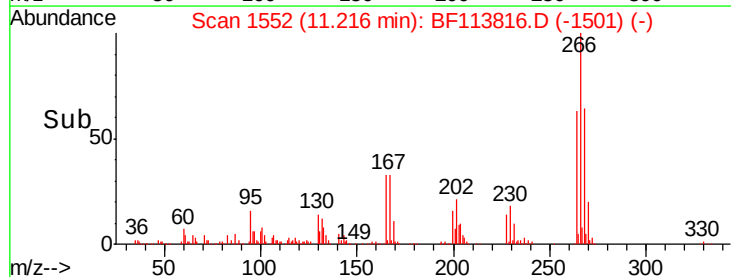
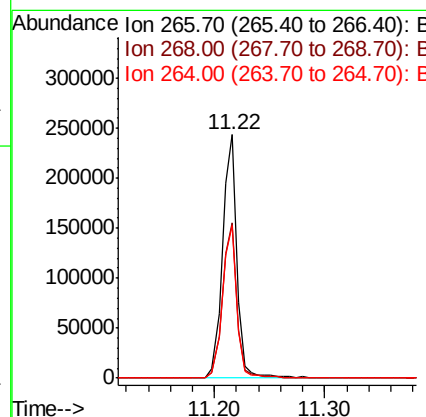
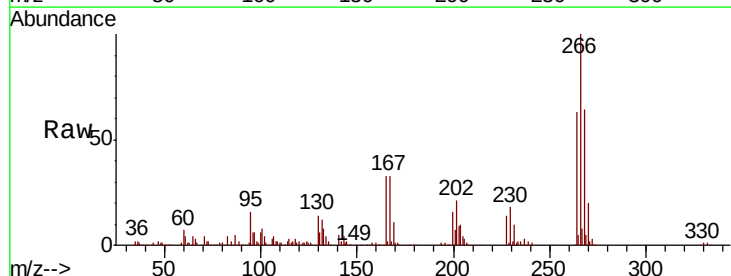
Manual Integrations
APPROVED

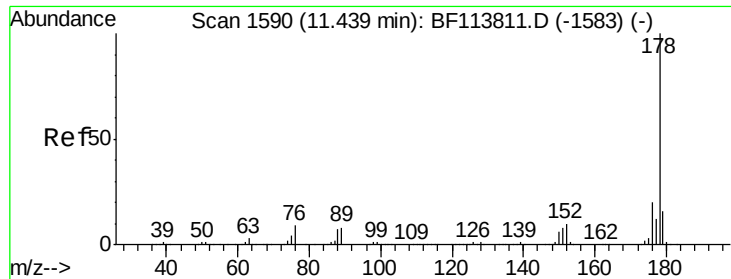
Sohil
4/23/2019 8:16:37 AM



#70
Pentachlorophenol
Concen: 42.028 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	53.5	80.3
264	62.8	51.0	76.6





#71

Phenanthrene

Concen: 40.576 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion:178 Resp: 1489329

Ion Ratio Lower Upper

178 100

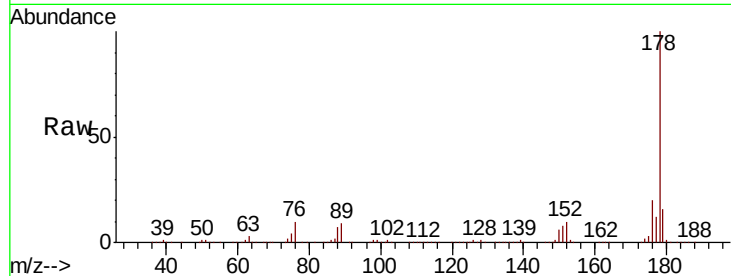
176 20.5 16.1 24.1

179 16.2 12.8 19.2

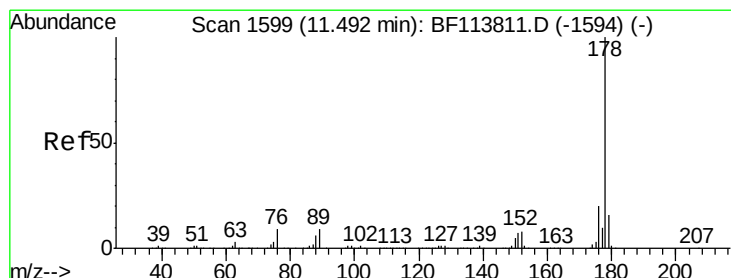
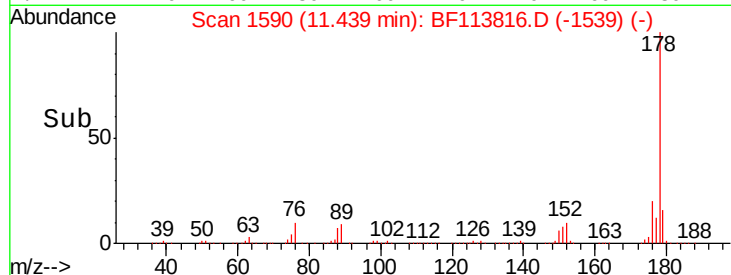
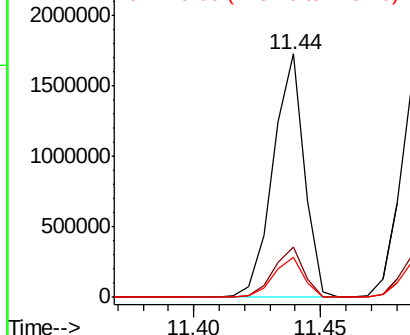
Manual Integrations
APPROVED

Sohil

4/23/2019 8:16:37 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.910 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion:178 Resp: 1513154

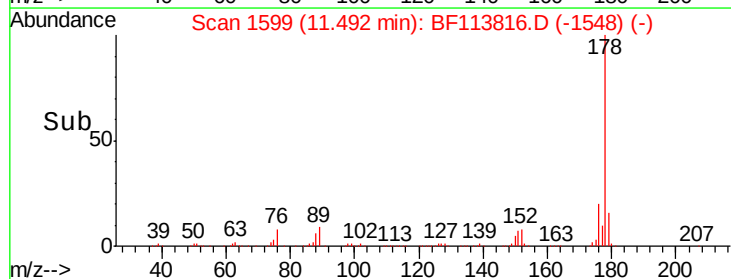
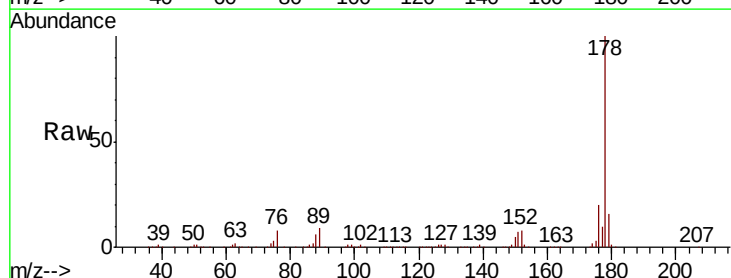
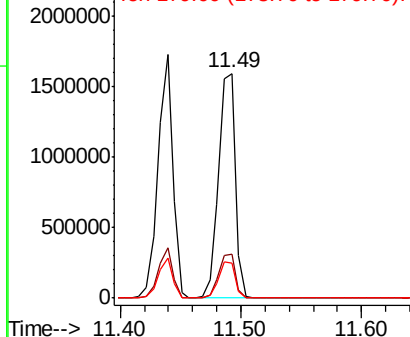
Ion Ratio Lower Upper

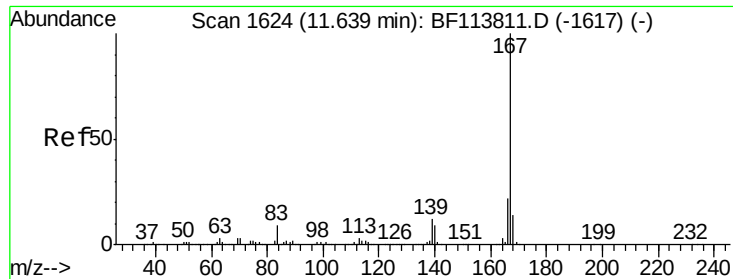
178 100

176 19.8 15.7 23.5

179 15.8 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





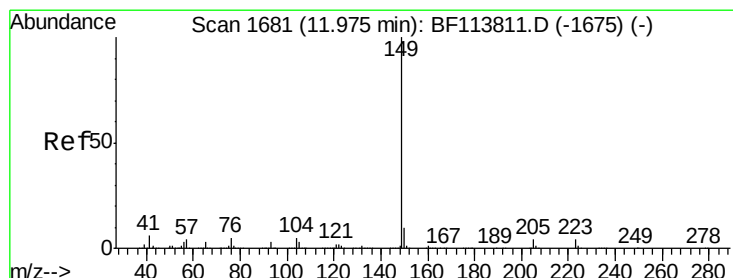
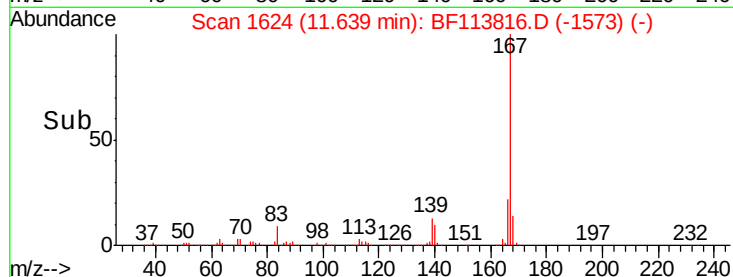
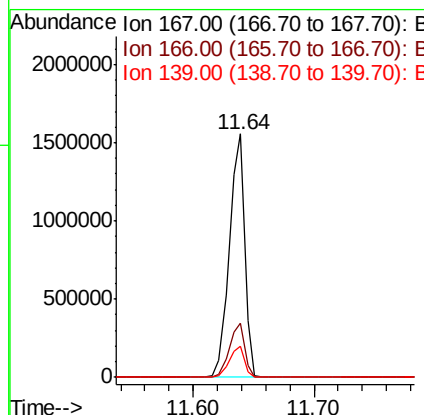
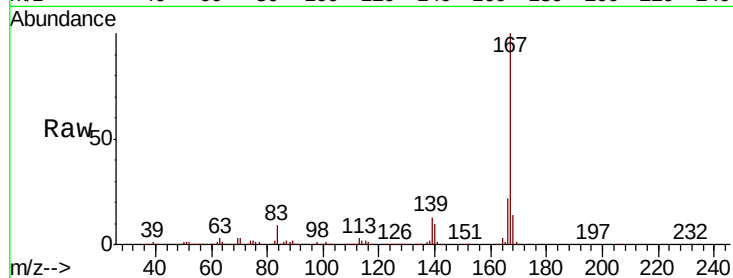
#73
 Carbazole
 Concen: 40.823 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041819

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.7	26.5
139	12.8	10.0	15.0

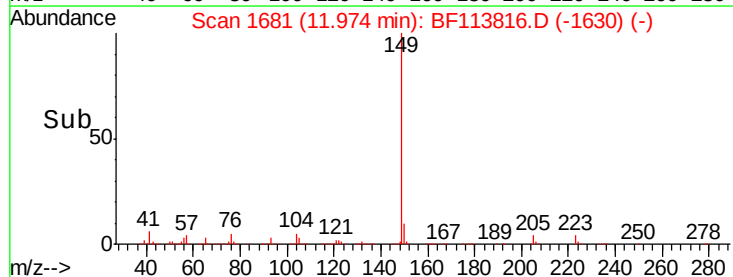
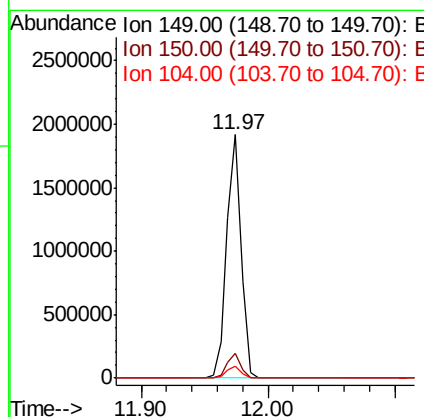
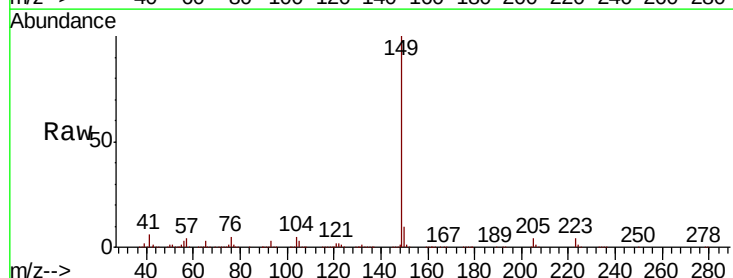
Manual Integrations
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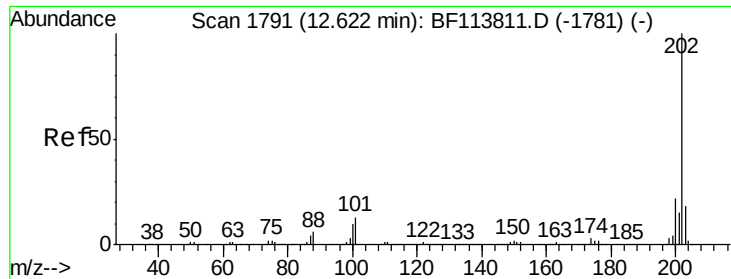
Sohil
 4/23/2019 8:16:37 AM



#74
 Di-n-butylphthalate
 Concen: 40.649 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.8
104	4.8	3.8	5.8





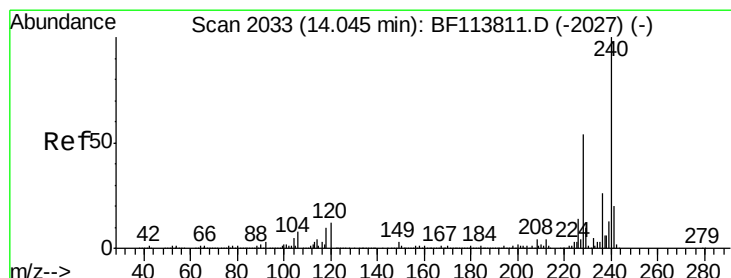
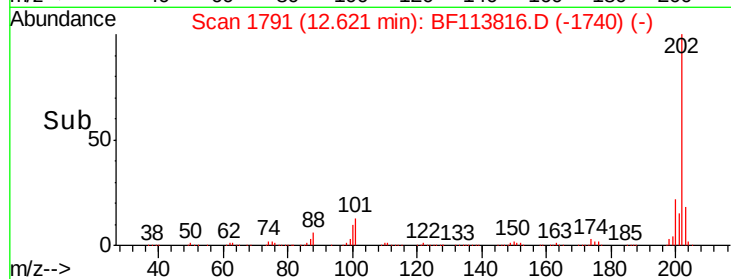
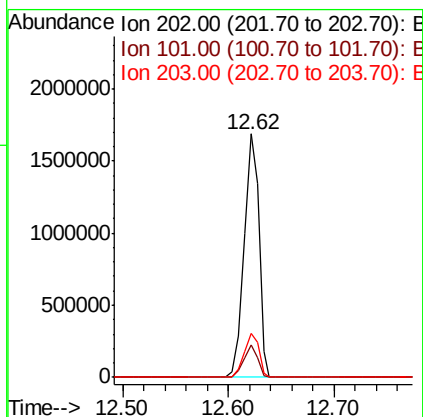
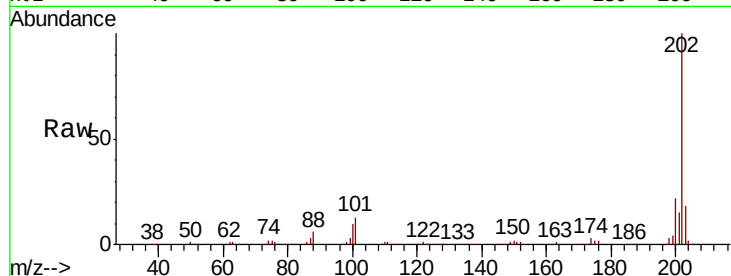
#75
Fluoranthene
Concen: 41.411 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.9
203	18.2	0.0	38.2

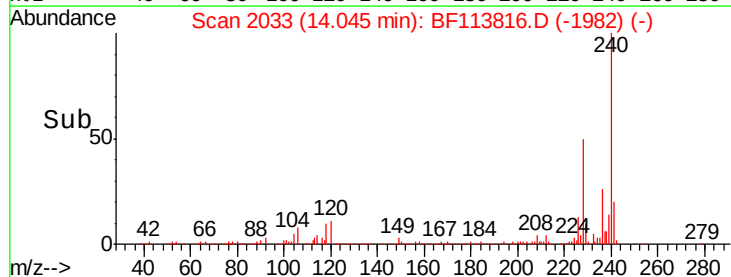
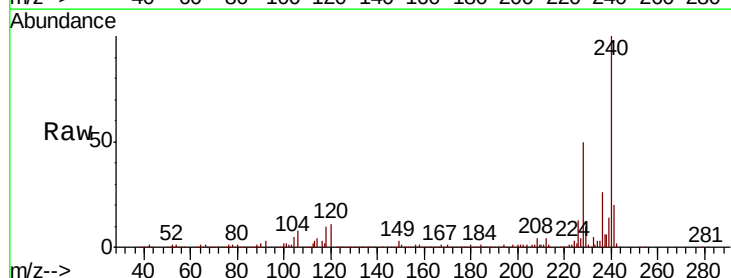
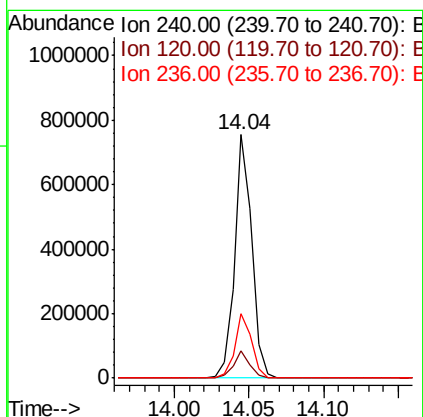
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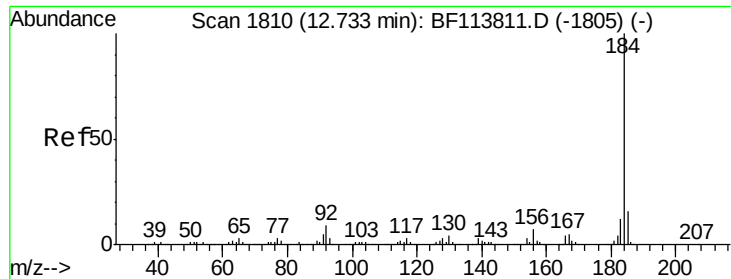
Sohil
4/23/2019 8:16:37 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.3	13.9
236	26.4	21.2	31.8





#77

Benzidine

Concen: 46.034 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

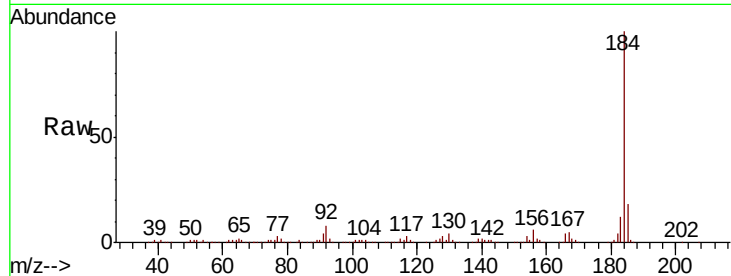
ClientSampleId :

ICVBF041819

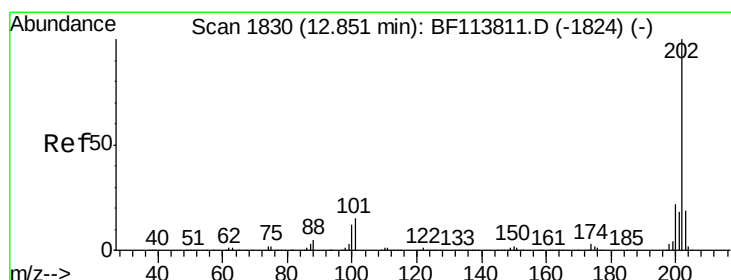
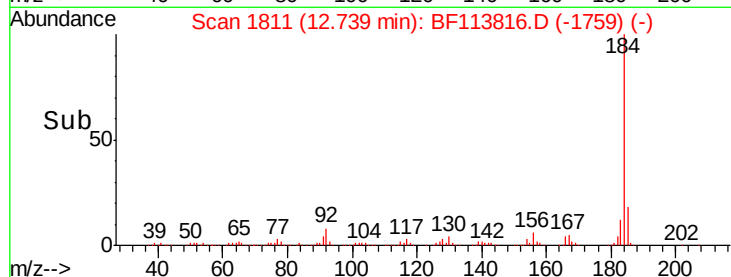
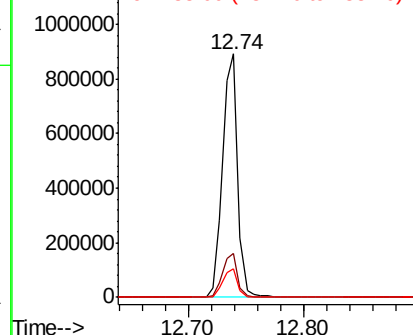
Tot Ion:	184	Resp:	807127
Ion Ratio	Lower	Upper	
184	100		
185	17.8	13.0	19.6
183	11.9	9.4	14.0

Manual Integrations
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4/23/2019 8:16:37 AM



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



#78

Pyrene

Concen: 37.740 ng

RT: 12.85 min Scan# 1830

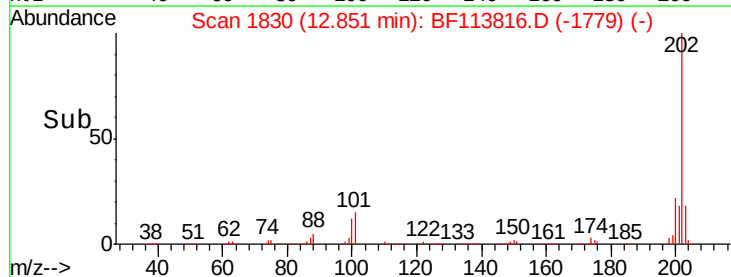
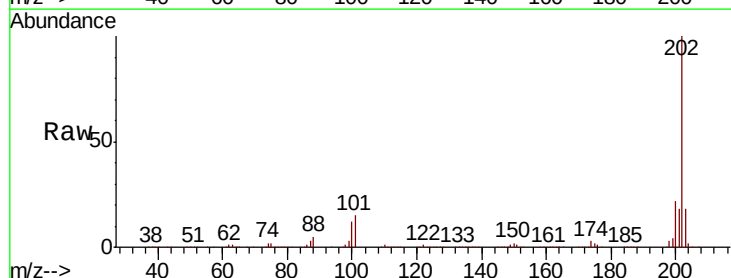
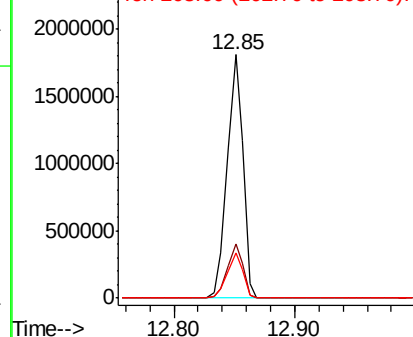
Delta R.T. -0.00 min

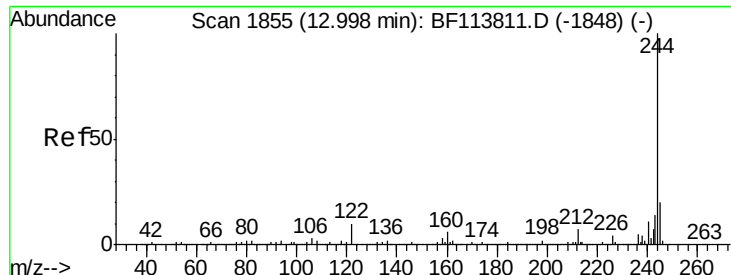
Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Tgt Ion:	202	Resp:	1629182
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.7	26.5
203	18.3	15.0	22.6

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





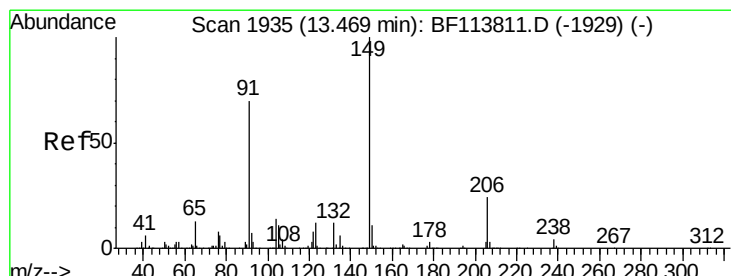
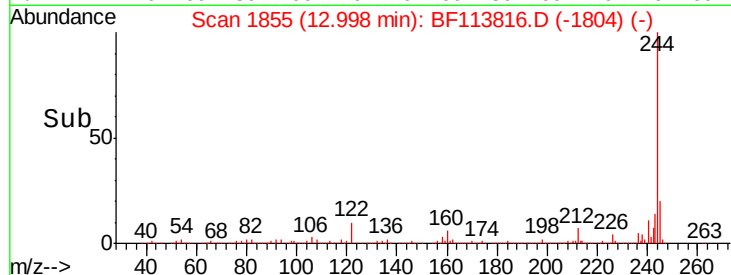
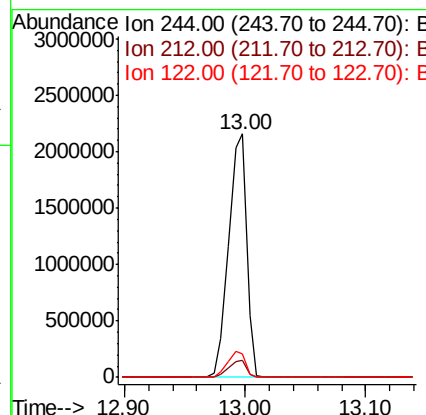
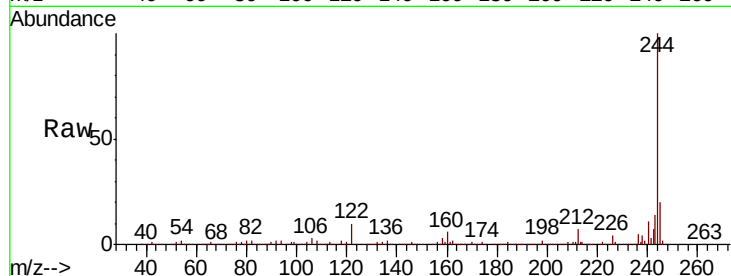
#79
 Terphenyl-d14
 Concen: 76.399 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041819

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	9.6	7.6	11.4

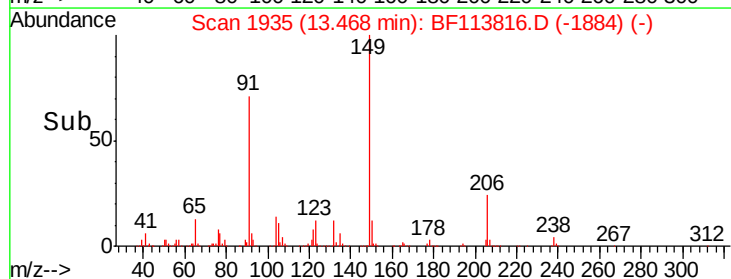
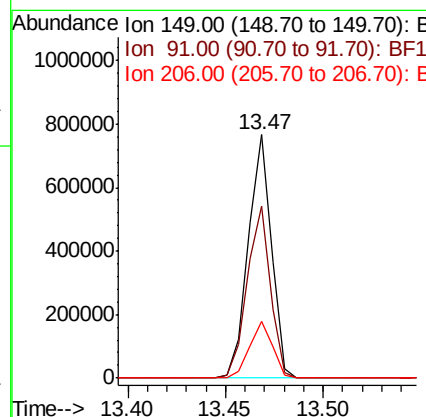
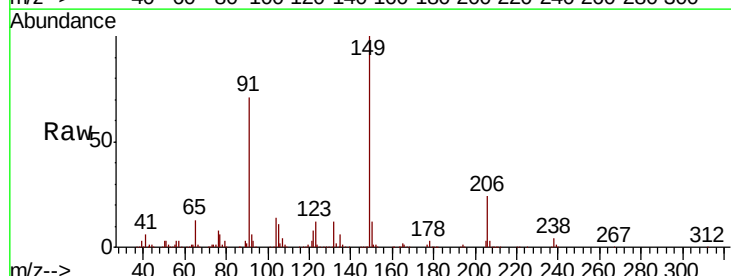
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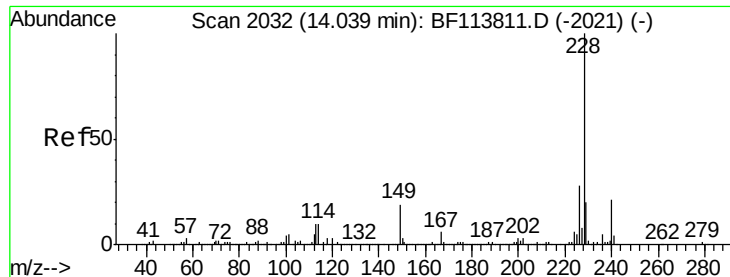
Sohil
 4/23/2019 8:16:37 AM



#80
 Butylbenzylphthalate
 Concen: 39.427 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BF113816.D
 Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.3	84.5
206	23.5	19.0	28.6





#81

Benzo(a)anthracene

Concen: 39.825 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion:228 Resp: 1425977

Ion Ratio Lower Upper

228 100

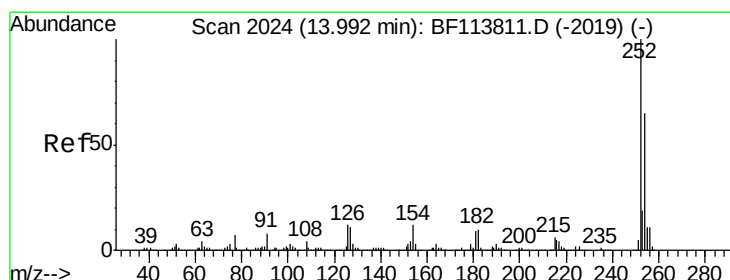
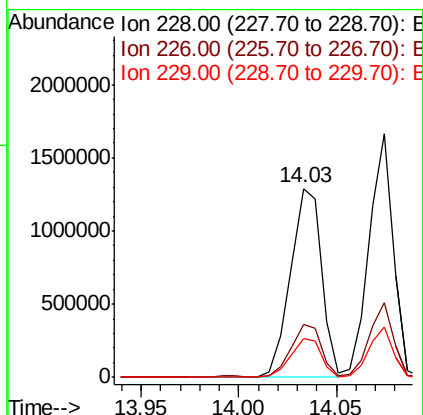
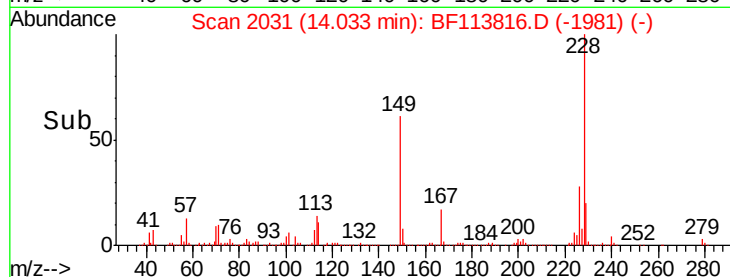
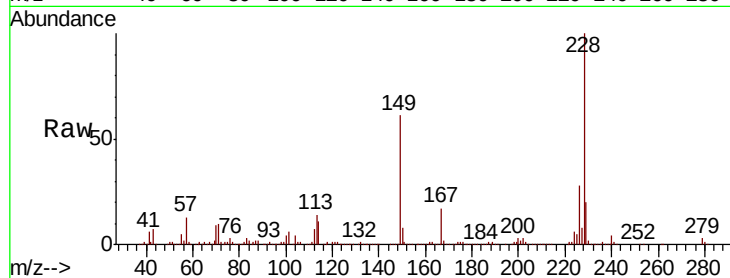
226 27.7 22.2 33.2

229 20.3 16.0 24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.484 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

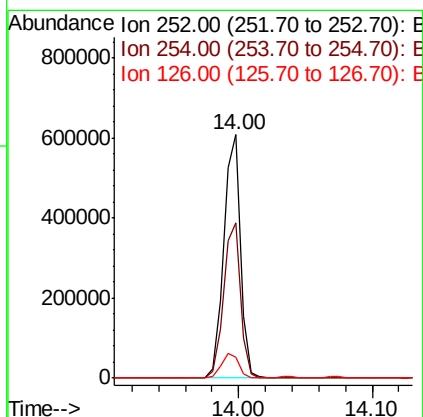
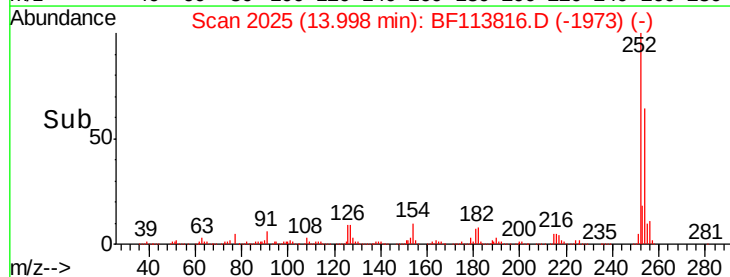
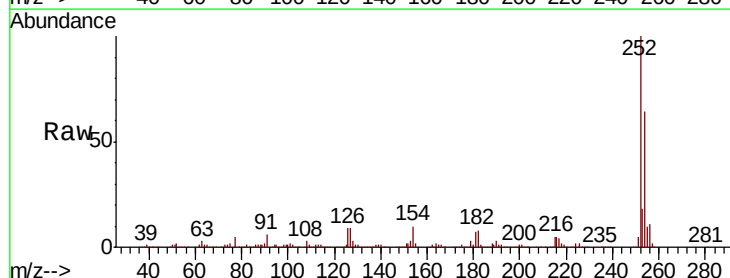
Tgt Ion:252 Resp: 540661

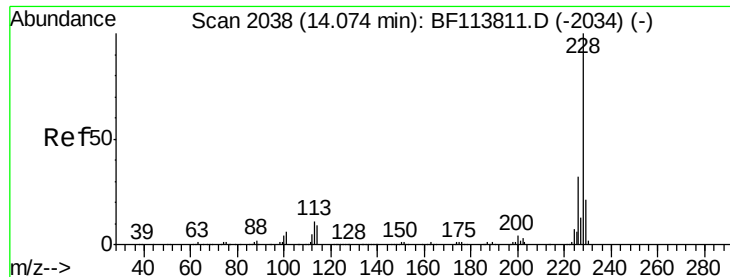
Ion Ratio Lower Upper

252 100

254 63.7 52.1 78.1

126 8.6 9.3 13.9#





#83

Chrysene

Concen: 40.336 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion:228 Resp: 1433495

Ion Ratio Lower Upper

228 100

226 30.8 25.2 37.8

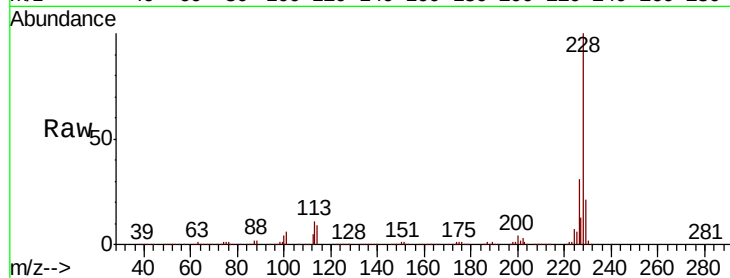
229 20.7 16.7 25.1

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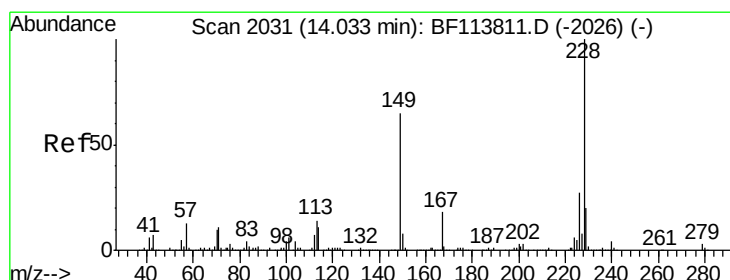
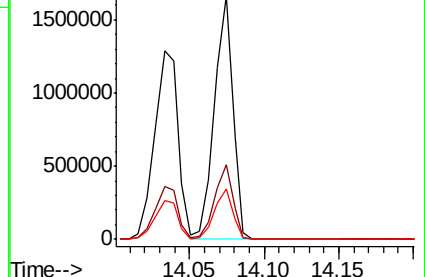
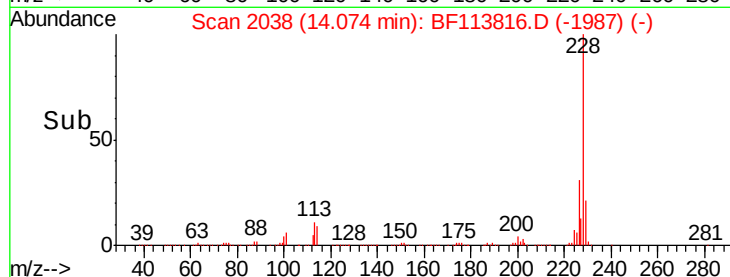
4/23/2019 8:16:37 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.153 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

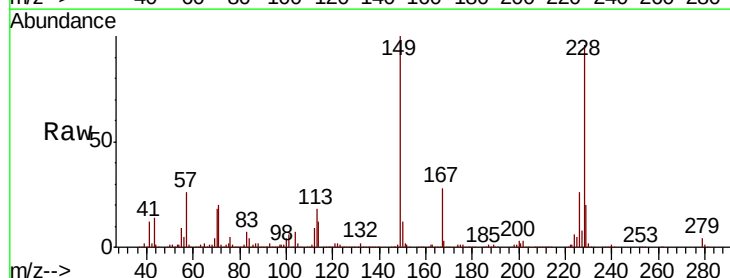
Tgt Ion:149 Resp: 768173

Ion Ratio Lower Upper

149 100

167 27.7 22.9 34.3

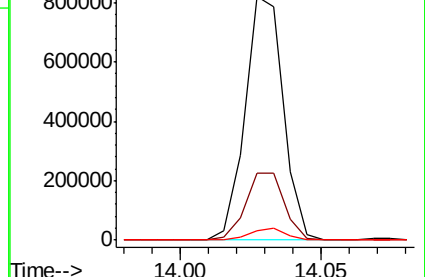
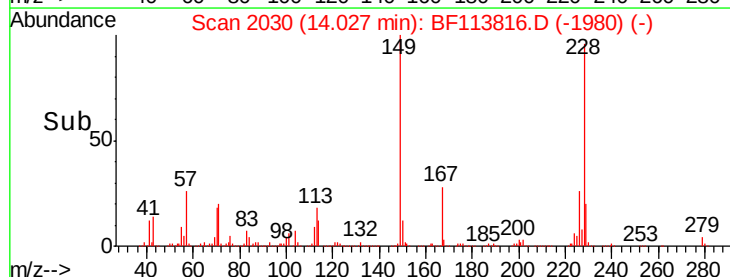
279 3.9 4.2 6.2#

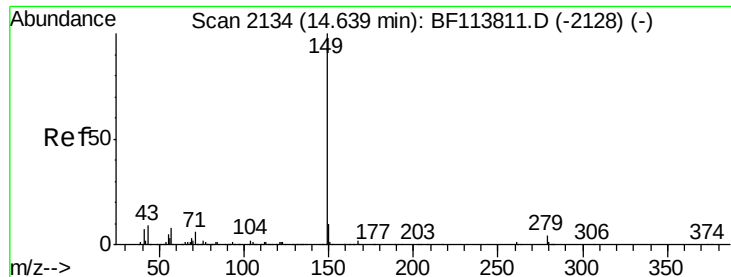


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.216 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

Instrument :

BNA_F

ClientSampleId :

ICVBF041819

Tot Ion:149 Resp: 1282768

Ion Ratio Lower Upper

149 100

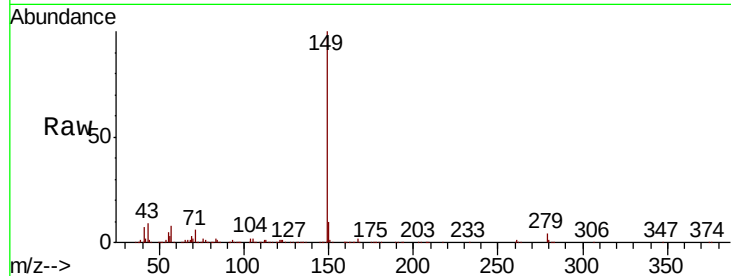
167 1.6 1.3 1.9

43 8.4 6.6 10.0

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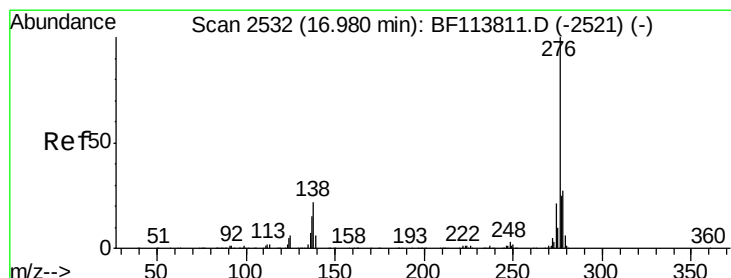
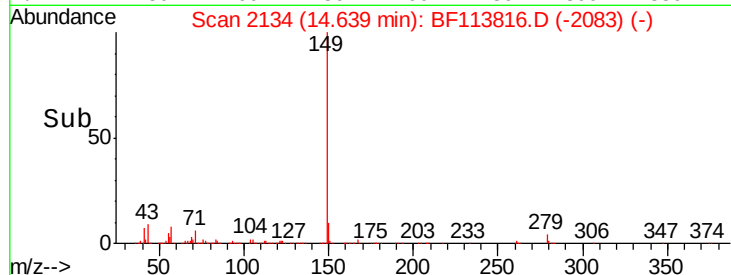
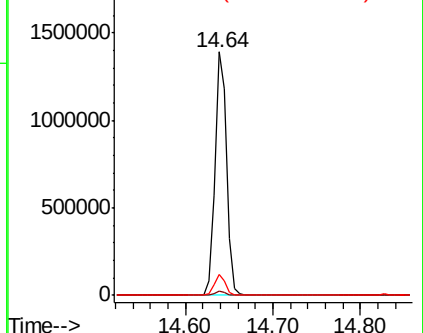
4/23/2019 8:16:37 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.109 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF113816.D

Acq: 18 Apr 2019 14:35

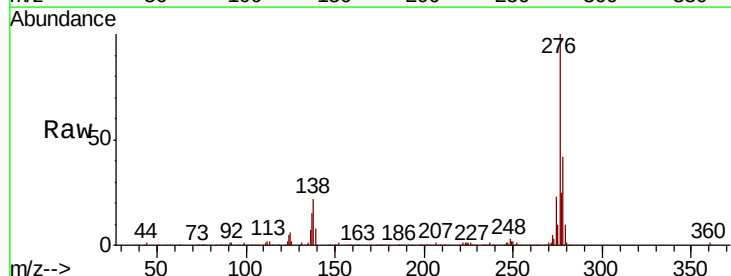
Tgt Ion:276 Resp: 1076624

Ion Ratio Lower Upper

276 100

138 24.1 19.6 29.4

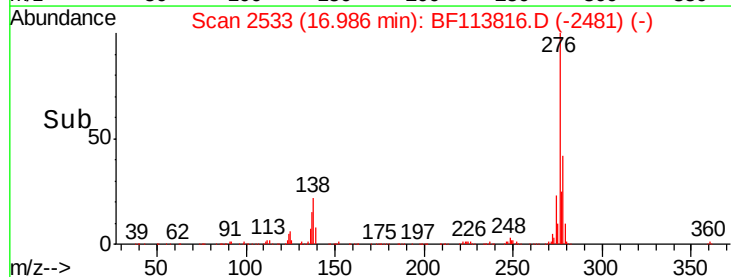
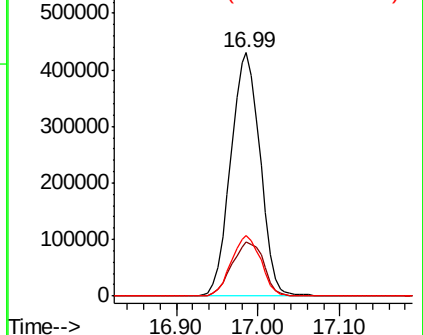
277 25.1 20.2 30.4

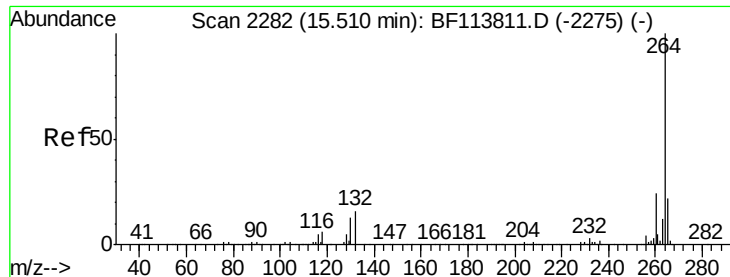


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





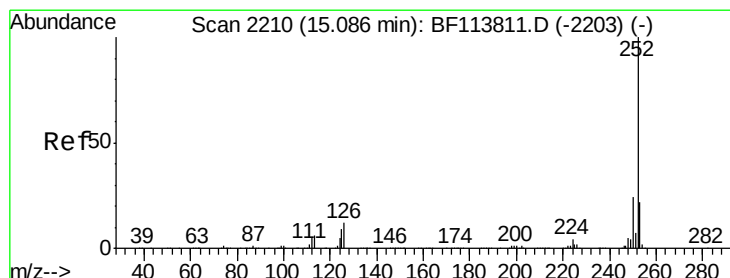
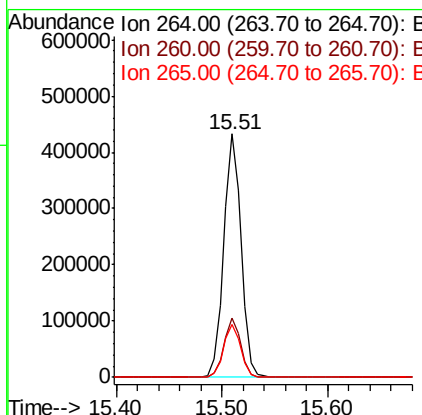
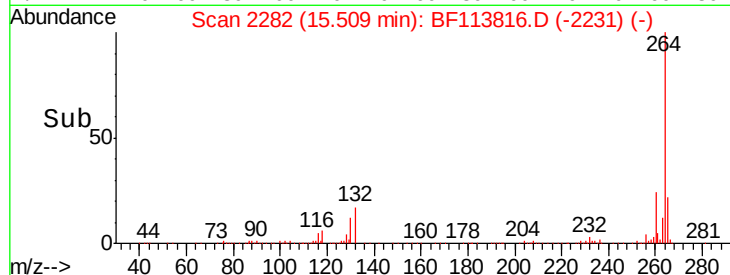
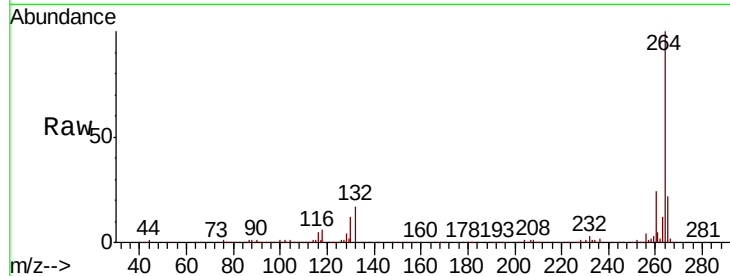
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.8	17.3	25.9

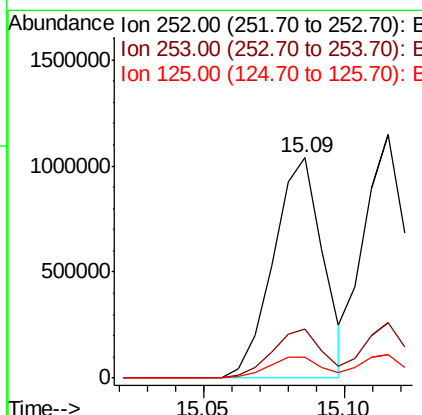
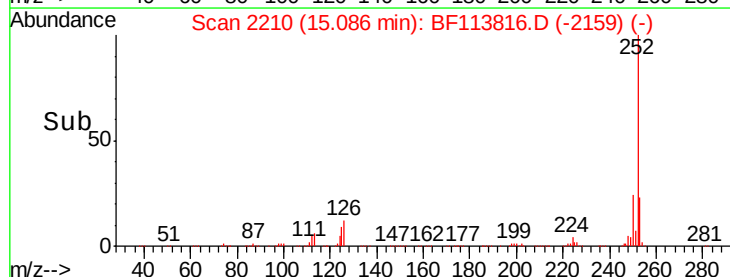
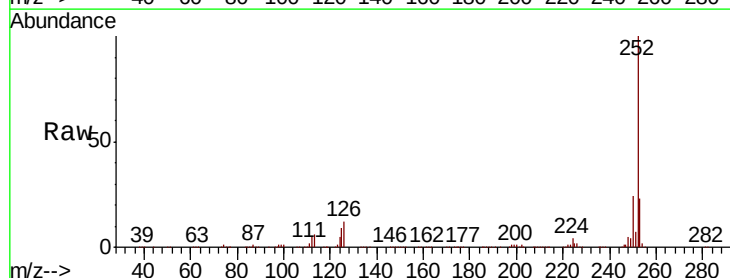
Manual Integrations
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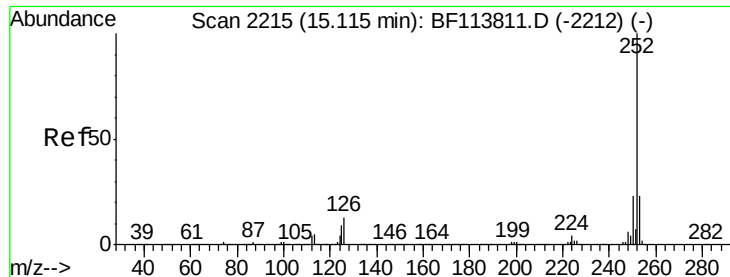
Sohil
4/23/2019 8:16:37 AM



#88
Benzo(b)fluoranthene
Concen: 41.299 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.2	7.0	10.6





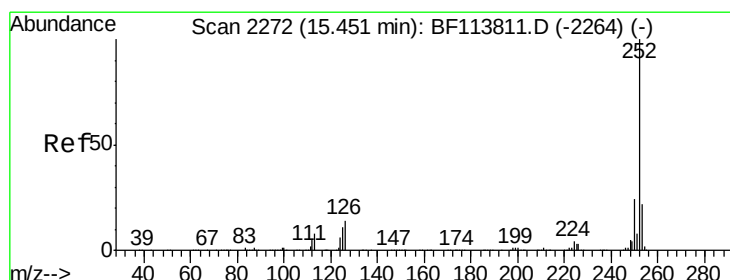
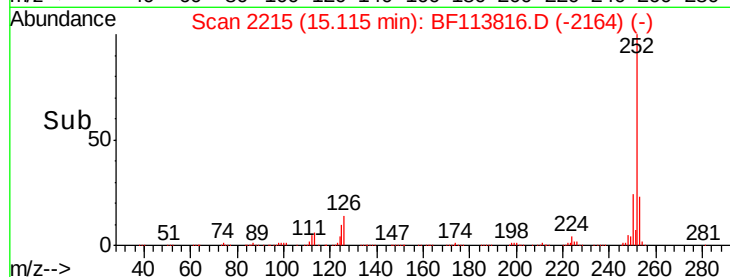
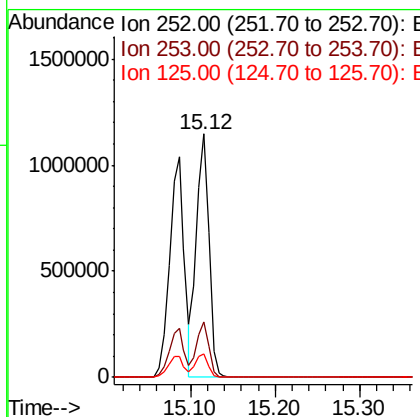
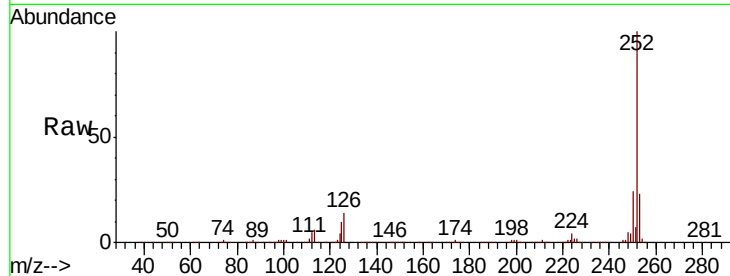
#89
Benzo(k)fluoranthene
Concen: 41.929 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	9.6	7.4	11.2

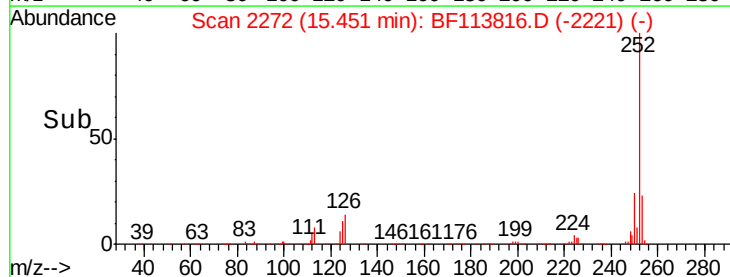
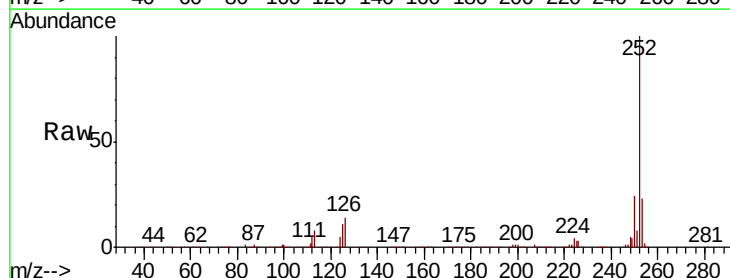
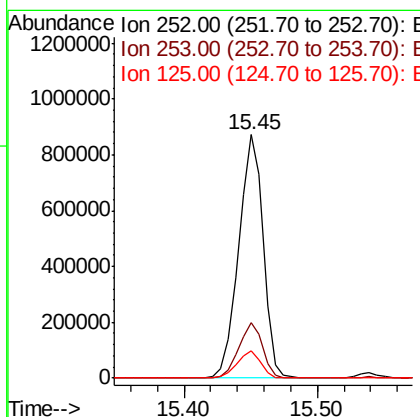
Manual Integrations
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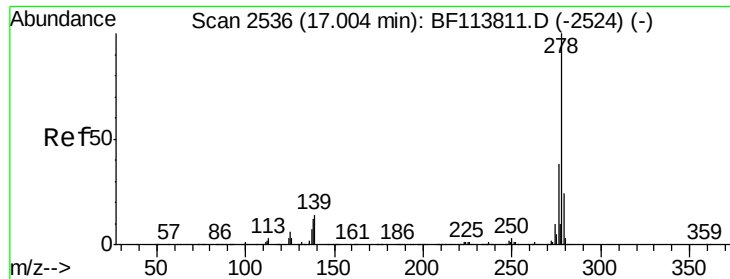
Sohil
4/23/2019 8:16:37 AM



#90
Benzo(a)pyrene
Concen: 40.664 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.2	8.5	12.7





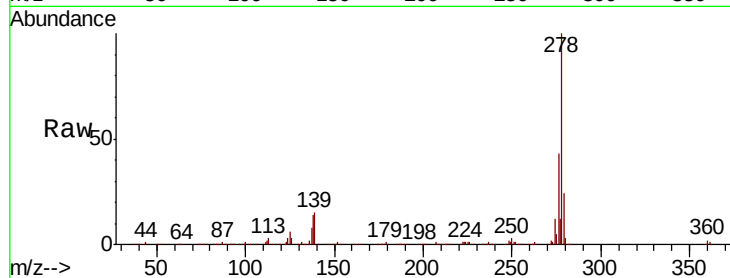
#91
Dibenzo(a,h)anthracene
Concen: 36.852 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :
ICVBF041819

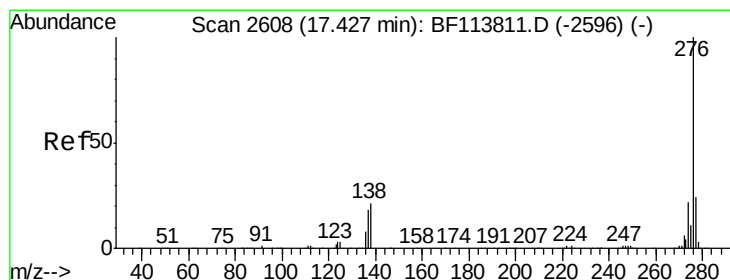
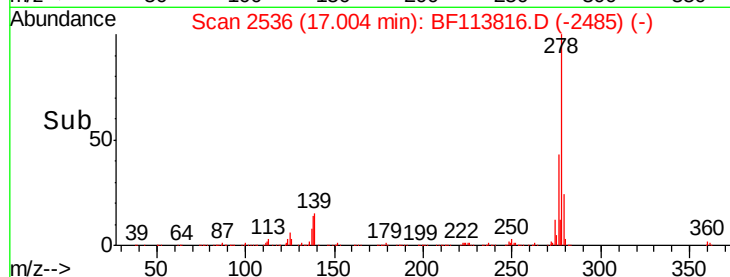
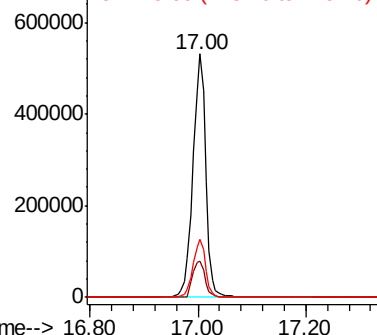
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	11.6	17.4
279	23.8	19.0	28.6

Manual Integrations
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4/23/2019 8:16:37 AM



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: 35.483 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BF113816.D
Acq: 18 Apr 2019 14:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	21.6	16.6	25.0

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

