

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113145.D
 Acq On : 20 Mar 2019 00:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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Sohil
 3/20/2019 6:51:28 PM

Quant Time: Mar 20 03:05:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163431	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	619612	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	269519	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	459522	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	314448	20.00	ng	0.00
87) Perylene-d12	15.27	264	275976	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	693423	66.00	ng	-0.01
7) Phenol-d6	6.37	99	846843	64.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	868713	83.89	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	220592	77.10	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1488703	94.20	ng	0.00
79) Terphenyl-d14	12.82	244	1267883	78.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	188579	35.807	ng	97
3) Pyridine	3.08	79	453613	32.194	ng	99
4) n-Nitrosodimethylamine	3.02	42	189365	30.724	ng	98
6) Aniline	6.39	93	521033	28.681	ng	# 32
8) 2-Chlorophenol	6.52	128	412666	35.284	ng	92
9) Benzaldehyde	6.27	77	268868	28.274	ng	99
10) Phenol	6.39	94	480267	31.184	ng	# 70
11) bis(2-Chloroethyl)ether	6.46	93	403645	34.147	ng	95
12) 1,3-Dichlorobenzene	6.66	146	477057	39.486	ng	99
13) 1,4-Dichlorobenzene	6.74	146	478955	39.530	ng	99
14) 1,2-Dichlorobenzene	6.90	146	441137	39.717	ng	99
15) Benzyl Alcohol	6.87	79	355324	35.307	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	662677	33.592	ng	83
17) 2-Methylphenol	6.99	107	338833	35.712	ng	98
18) Hexachloroethane	7.24	117	148810	32.063	ng	# 90
19) n-Nitroso-di-n-propylamine	7.15	70	291811	34.911	ng	99
20) 3+4-Methylphenols	7.15	107	416910	38.921	ng	# 71
22) Acetophenone	7.13	105	610195	42.117	ng	# 90
24) Nitrobenzene	7.31	77	454288	39.418	ng	97
25) Isophorone	7.55	82	811008	36.355	ng	97
26) 2-Nitrophenol	7.62	139	160881	33.534	ng	96
27) 2,4-Dimethylphenol	7.67	122	340772	38.180	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	526772	37.769	ng	99
29) 2,4-Dichlorophenol	7.87	162	351913	40.658	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	392265	42.178	ng	98
31) Naphthalene	8.03	128	1200357	39.020	ng	100
32) Benzoic acid	7.77	122	148728m	23.775	ng	
33) 4-Chloroaniline	8.08	127	495292	38.013	ng	99
34) Hexachlorobutadiene	8.15	225	241343	46.014	ng	99
35) Caprolactam	8.45	113	105611m	34.644	ng	
36) 4-Chloro-3-methylphenol	8.57	107	347898	36.319	ng	97
37) 2-Methylnaphthalene	8.72	142	769628	38.741	ng	99
38) 1-Methylnaphthalene	8.82	142	739093	38.407	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	377574	48.041	ng	# 97

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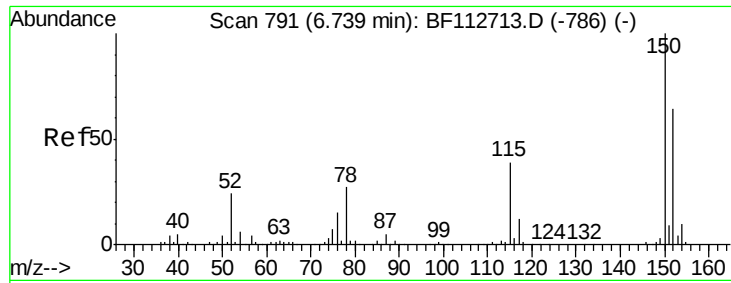
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	23772	5.523	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	217301	40.173	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	224997	38.484	ng	98
46) 1,1'-Biphenyl	9.19	154	945399	43.005	ng	97
47) 2-Chloronaphthalene	9.21	162	701316	40.856	ng	97
48) 2-Nitroaniline	9.30	65	232282	44.519	ng	94
49) Acenaphthylene	9.62	152	1130401	38.791	ng	99
50) Dimethylphthalate	9.48	163	856709	43.109	ng	100
51) 2,6-Dinitrotoluene	9.55	165	168113	40.623	ng #	79
52) Acenaphthene	9.79	154	622888	36.551	ng	99
53) 3-Nitroaniline	9.71	138	215663	42.768	ng	94
54) 2,4-Dinitrophenol	9.83	184	1812	7.437	ng #	91
55) Dibenzofuran	9.96	168	959945	38.757	ng	96
56) 4-Nitrophenol	9.89	139	110369	26.931	ng	89
57) 2,4-Dinitrotoluene	9.95	165	203094	39.481	ng	90
58) Fluorene	10.30	166	686946	39.077	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	164047	33.678	ng #	95
60) Diethylphthalate	10.18	149	803568	38.285	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	358428	43.823	ng	92
62) 4-Nitroaniline	10.32	138	197783	42.446	ng	95
63) Azobenzene	10.46	77	706812	32.878	ng	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	5419	7.207	ng	88
66) n-Nitrosodiphenylamine	10.42	169	625771	42.462	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	222283	45.925	ng #	89
68) Hexachlorobenzene	10.86	284	247253	45.317	ng #	91
69) Atrazine	10.94	200	170884	37.860	ng	99
70) Pentachlorophenol	11.05	266	99540	30.997	ng	98
71) Phenanthrene	11.26	178	913158	39.940	ng	99
72) Anthracene	11.31	178	932211	38.951	ng	99
73) Carbazole	11.47	167	852242	36.504	ng	98
74) Di-n-butylphthalate	11.80	149	1126787	40.252	ng	99
75) Fluoranthene	12.45	202	931268	38.019	ng	96
77) Benzidine	12.56	184	407039	24.950	ng	100
78) Pyrene	12.67	202	931316	35.132	ng	99
80) Butylbenzylphthalate	13.29	149	414876	35.456	ng	92
81) Benzo(a)anthracene	13.86	228	729266	33.463	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	308002	37.368	ng #	98
83) Chrysene	13.89	228	739344	34.634	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	510035	37.162	ng	99
85) Di-n-octyl phthalate	14.46	149	890797	37.798	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	691886	38.017	ng	94
88) Benzo(b)fluoranthene	14.87	252	654372	36.658	ng	97
89) Benzo(k)fluoranthene	14.90	252	640901m	39.637	ng	
90) Benzo(a)pyrene	15.22	252	603596	38.228	ng	97
91) Dibenzo(a,h)anthracene	16.65	278	580154	43.059	ng	97
92) Benzo(g,h,i)perylene	17.04	276	550359	40.680	ng	95

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



#1

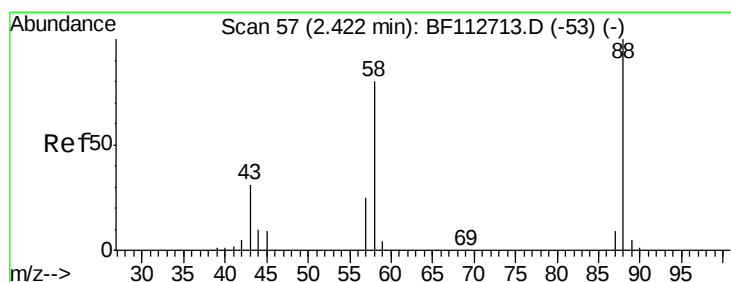
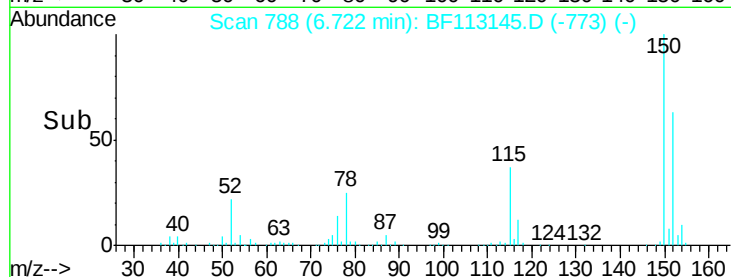
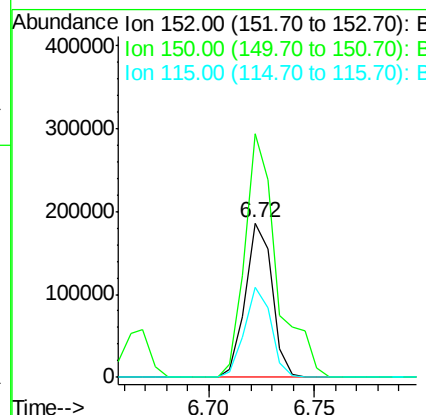
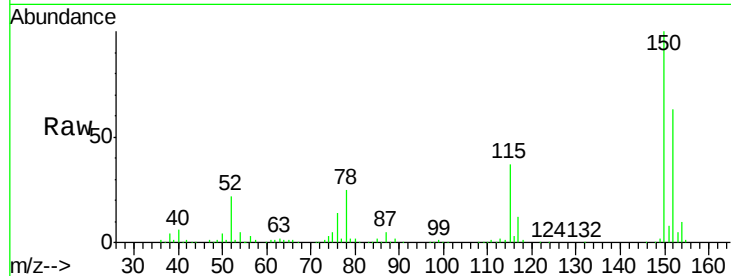
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.2	186.2
115	58.3	48.2	72.4

Manual Integrations
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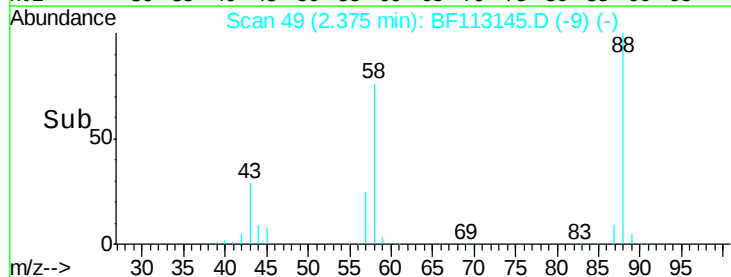
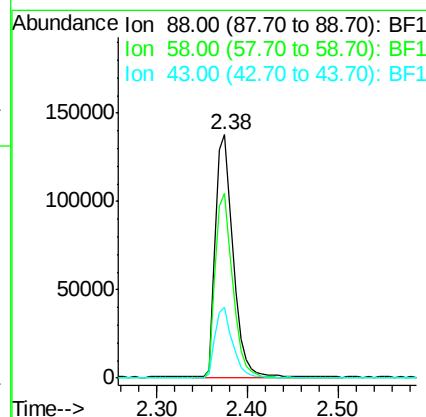
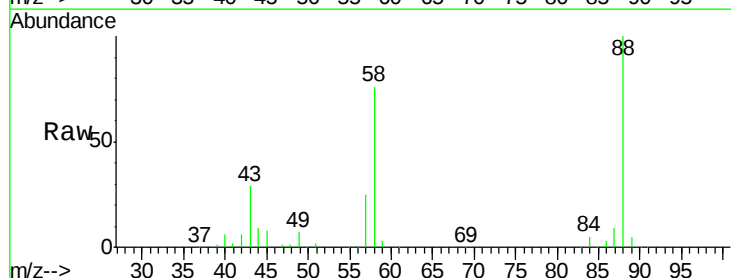
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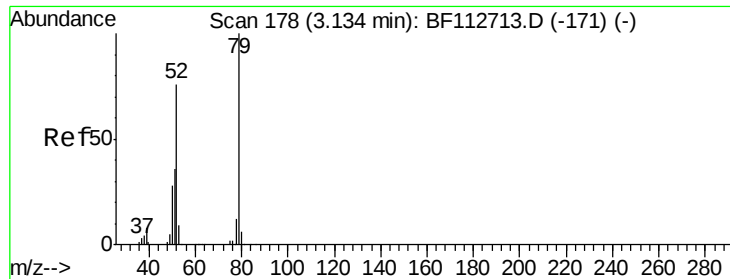


#2

1,4-Dioxane
Concen: 35.807 ng
RT: 2.38 min Scan# 49
Delta R.T. -0.06 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.4	63.1	94.7
43	29.2	24.3	36.5





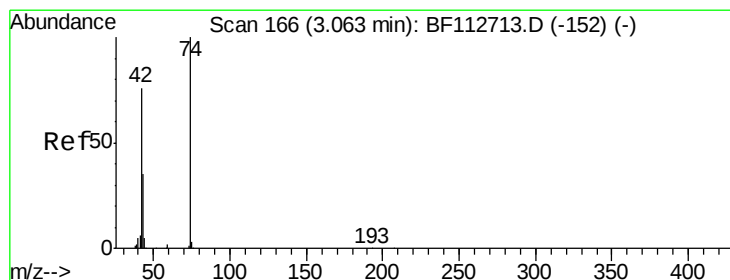
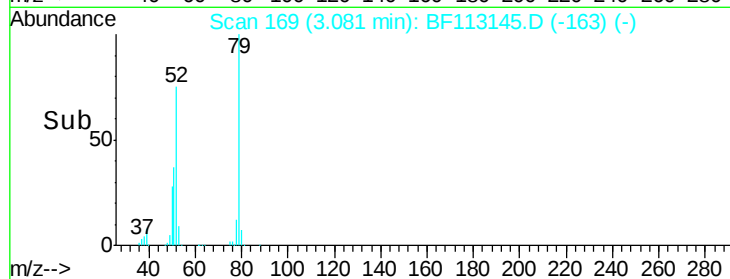
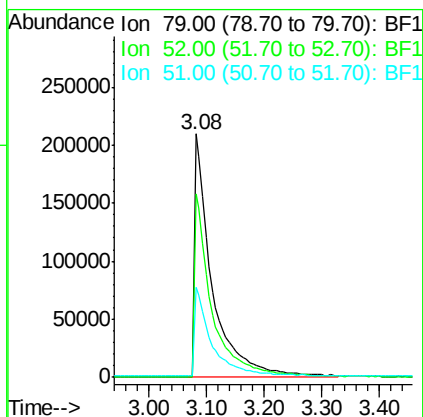
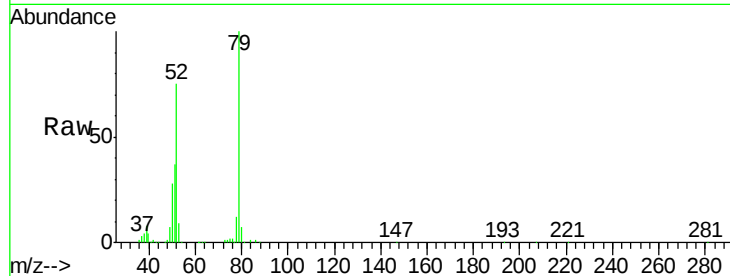
#3
 Pyridine
 Concen: 32.194 ng
 RT: 3.08 min Scan# 169
 Delta R.T. -0.06 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	75.3	60.5	90.7
51	37.2	28.8	43.2

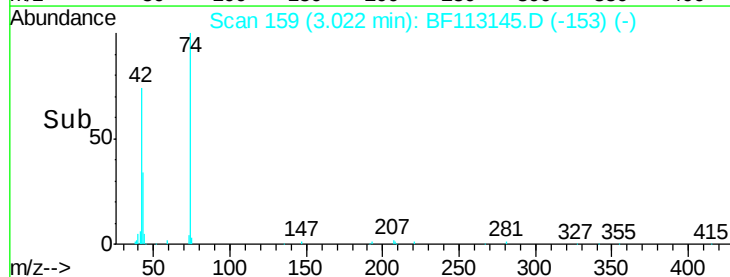
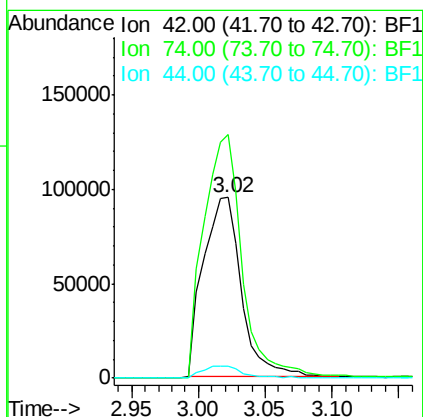
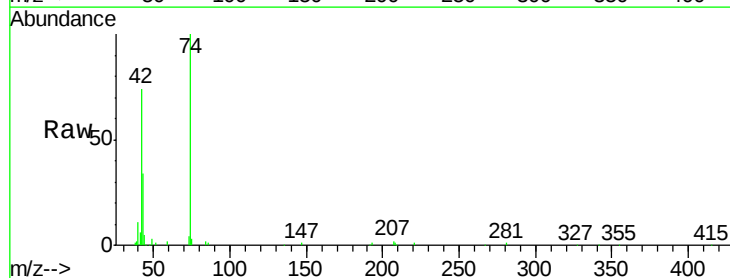
Manual Integrations
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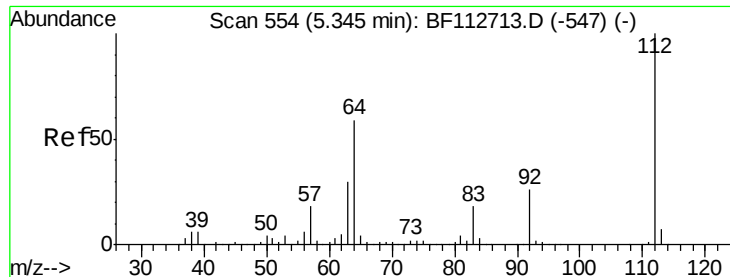
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#4
 n-Nitrosodimethylamine
 Concen: 30.724 ng
 RT: 3.02 min Scan# 159
 Delta R.T. -0.06 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.8	105.8	158.8
44	6.9	6.2	9.2





#5

2-Fluorophenol

Concen: 66.000 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

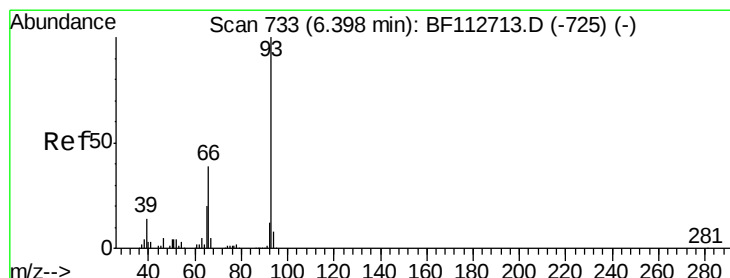
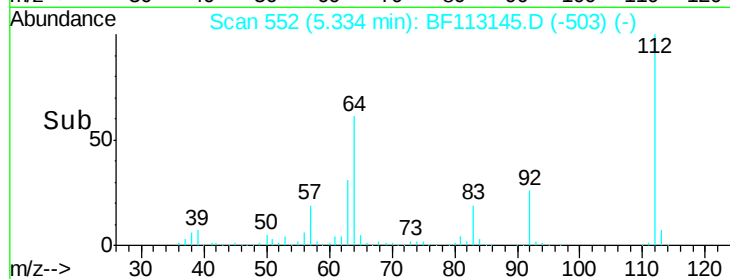
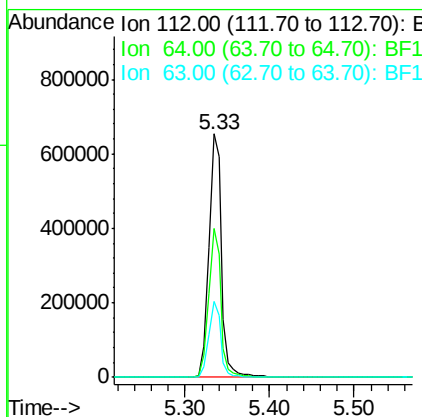
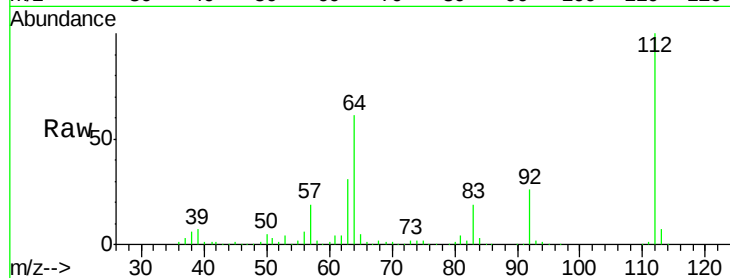
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	693423
Ion Ratio	Lower	Upper	
112	100		
64	61.2	47.6	71.4
63	31.2	24.4	36.6

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#6

Aniline

Concen: 28.681 ng

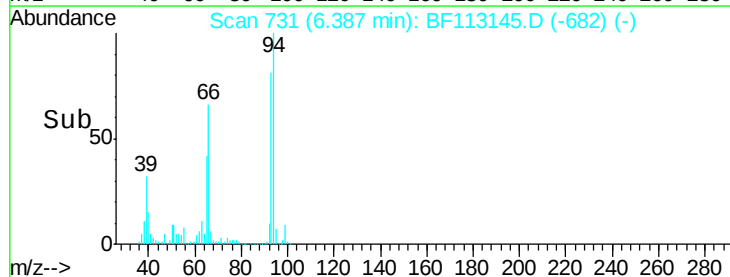
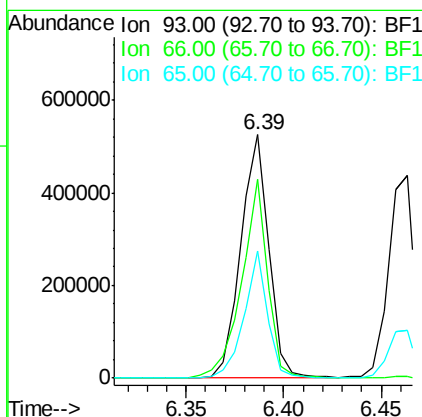
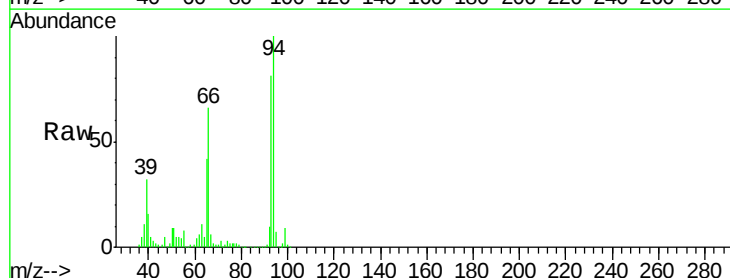
RT: 6.39 min Scan# 731

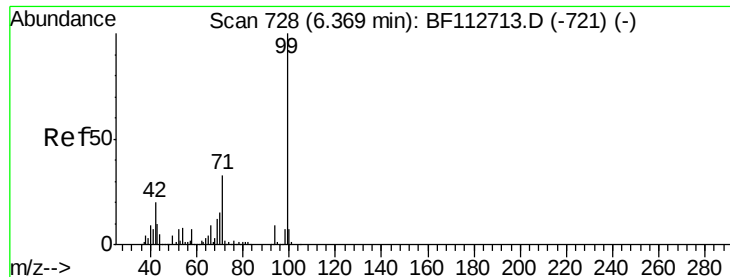
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	93	Resp:	521033
Ion Ratio	Lower	Upper	
93	100		
66	81.6	32.2	48.2#
65	52.3	16.2	24.4#





#7

Phenol-d6

Concen: 64.166 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

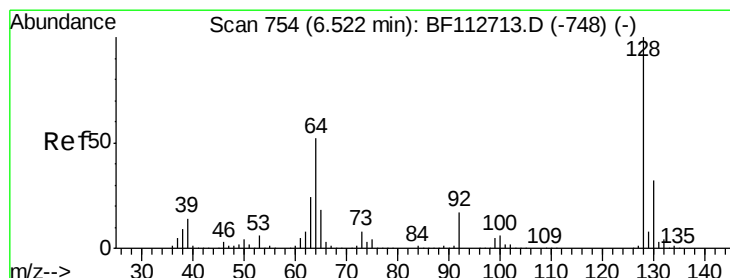
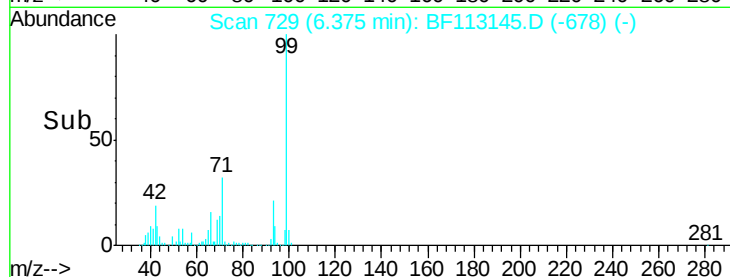
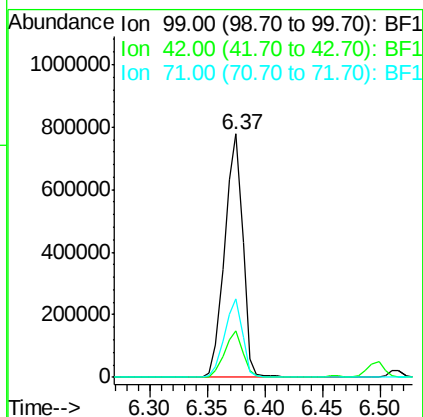
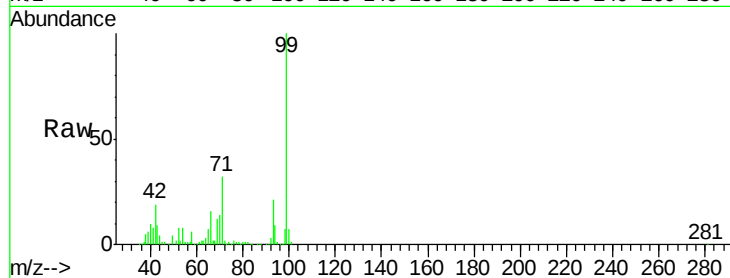
ClientSampled :

SSTDCCC040

Tgt Ion:	99	Resp:	846843
Ion Ratio	Lower	Upper	
99	100		
42	18.9	16.3	24.5
71	32.1	26.2	39.4

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#8

2-Chlorophenol

Concen: 35.284 ng

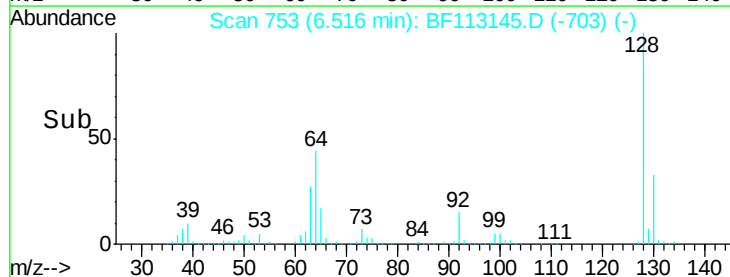
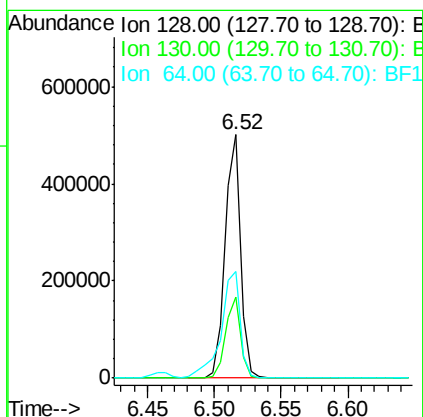
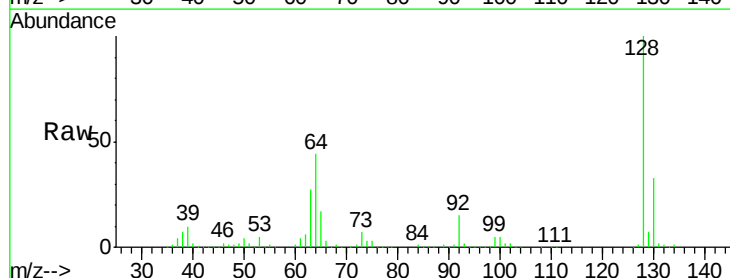
RT: 6.52 min Scan# 753

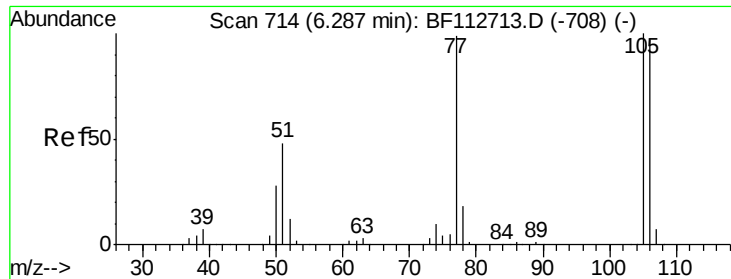
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	128	Resp:	412666
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.4	52.4
64	44.0	32.2	72.2





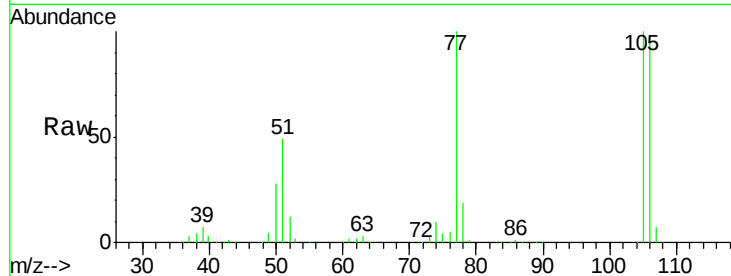
#9
Benzaldehyde
Concen: 28.274 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

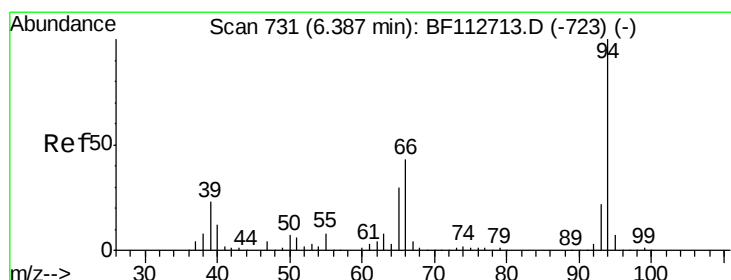
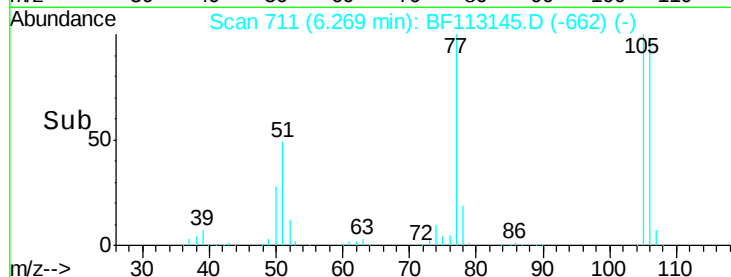
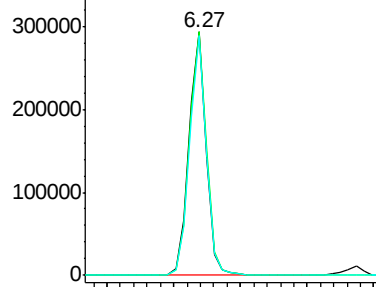
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	268868		
105	100.2	81.4	121.4	
106	98.6	78.3	118.3	

Manual Integrations
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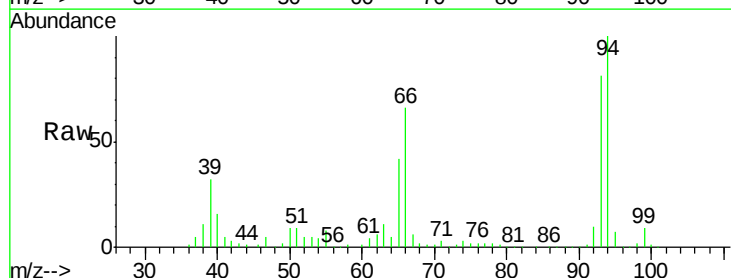


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

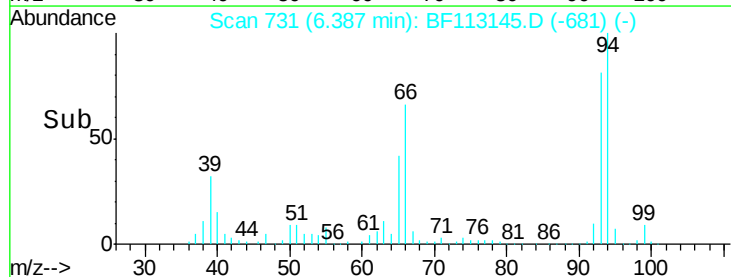
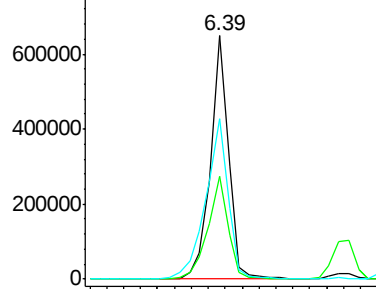


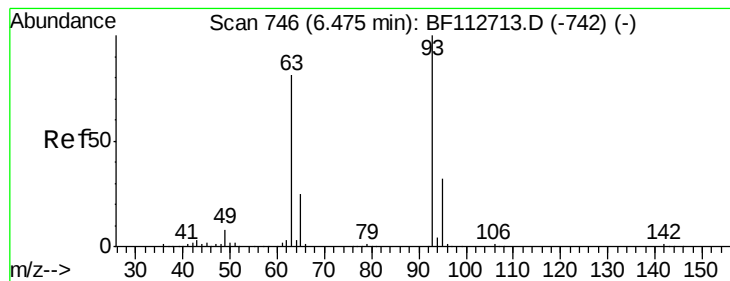
#10
Phenol
Concen: 31.184 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	480267		
65	42.3	10.5	50.5	
66	66.0	22.6	62.6	



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





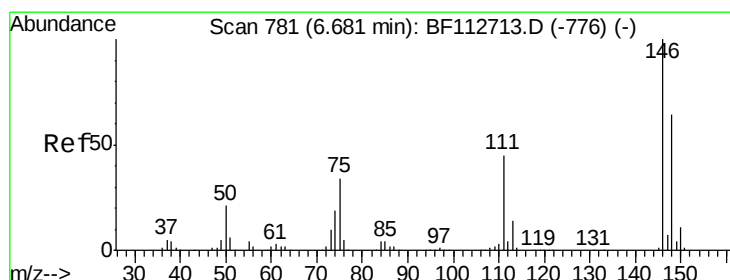
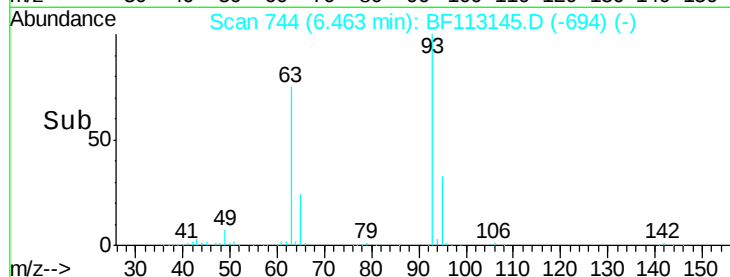
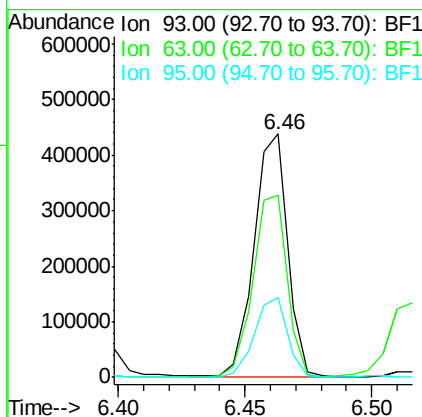
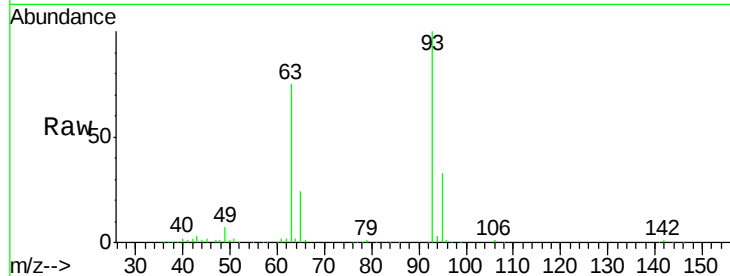
#11
bis(2-Chloroethyl)ether
Concen: 34.147 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.7	60.5	100.5
95	32.9	12.1	52.1

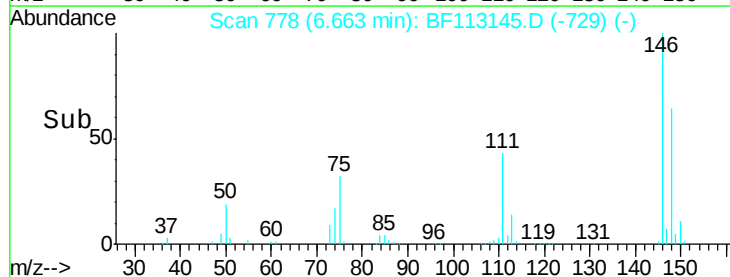
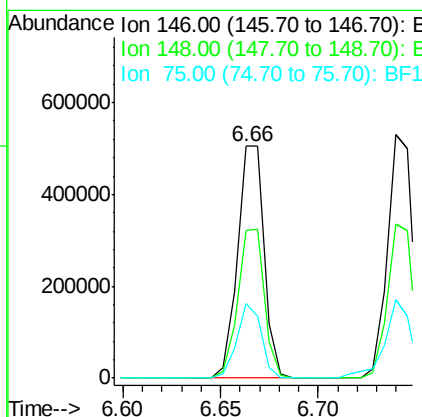
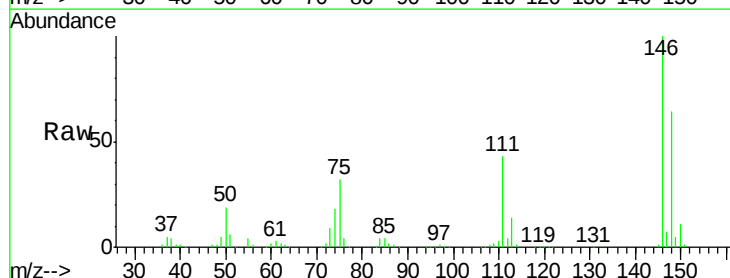
Manual Integrations
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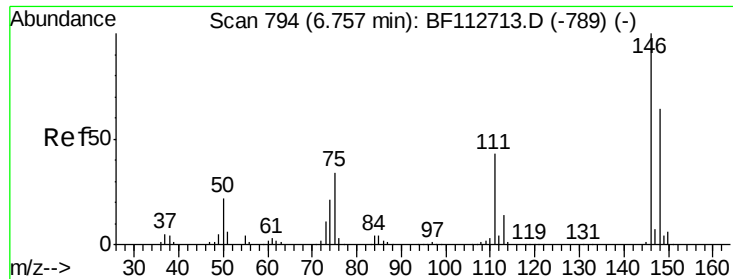
Sohil
3/20/2019 6:51:28 PM



#12
1,3-Dichlorobenzene
Concen: 39.486 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.9	76.3
75	32.3	26.9	40.3





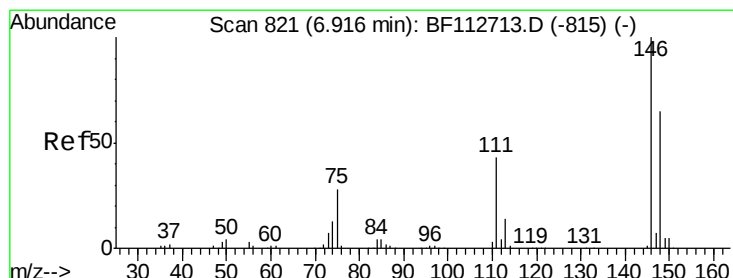
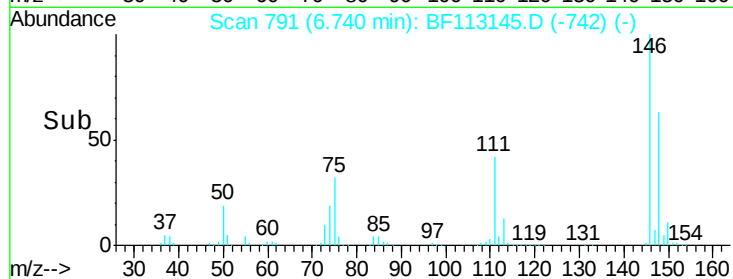
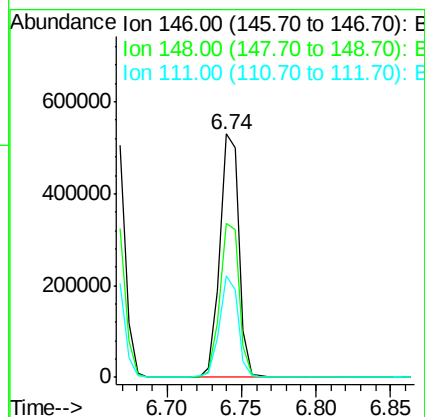
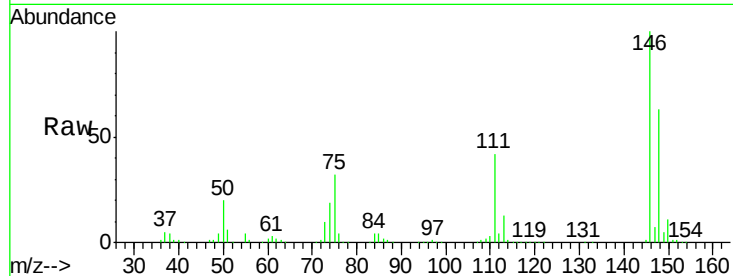
#13
1,4-Dichlorobenzene
Concen: 39.530 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
111	41.9	34.5	51.7

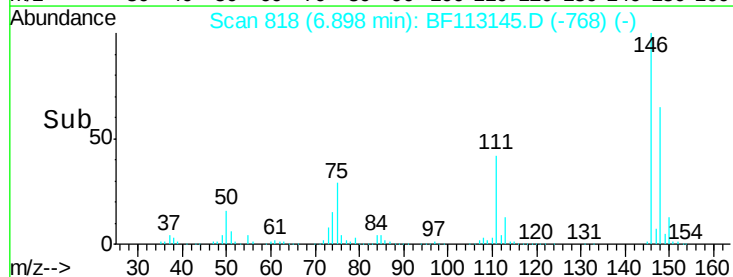
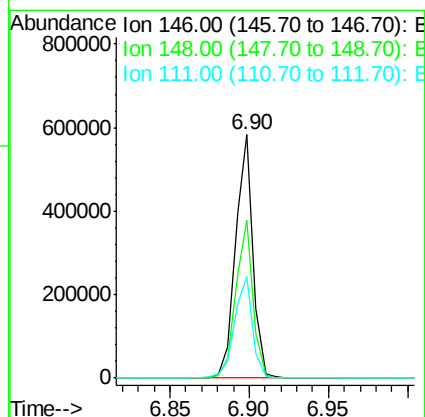
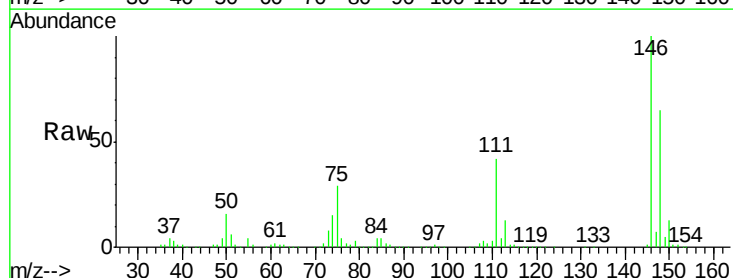
Manual Integrations
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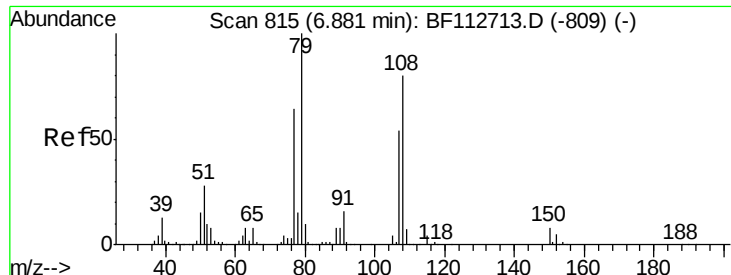
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.717 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.0	78.0
111	41.7	34.8	52.2





#15

Benzyl Alcohol

Concen: 35.307 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

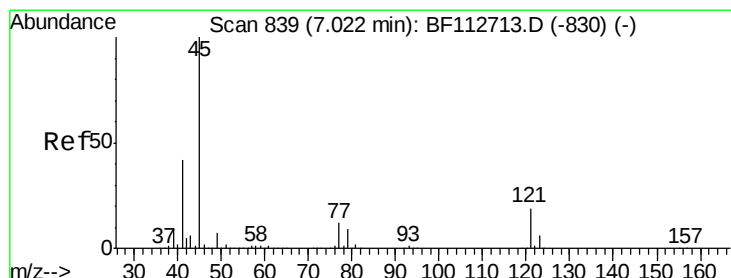
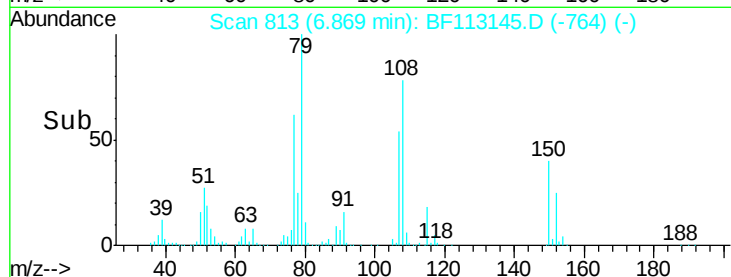
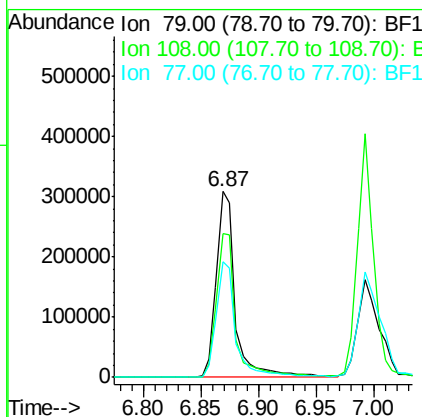
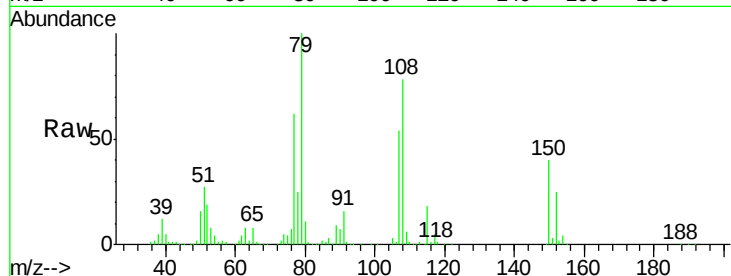
ClientSampled :

SSTDCCC040

Tgt Ion:	79	Resp:	355324
Ion Ratio	Lower	Upper	
79	100		
108	77.5	64.2	96.4
77	62.0	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.592 ng

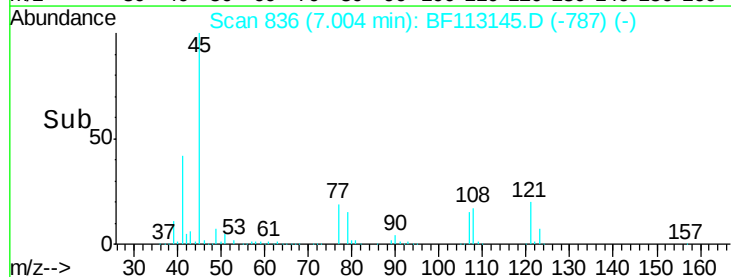
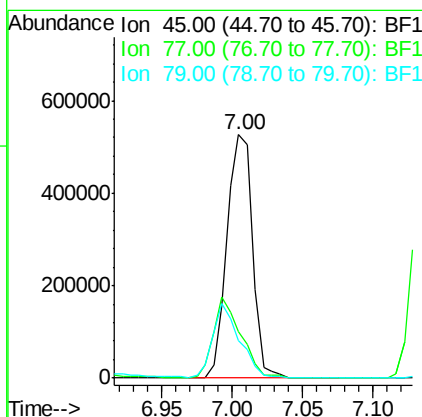
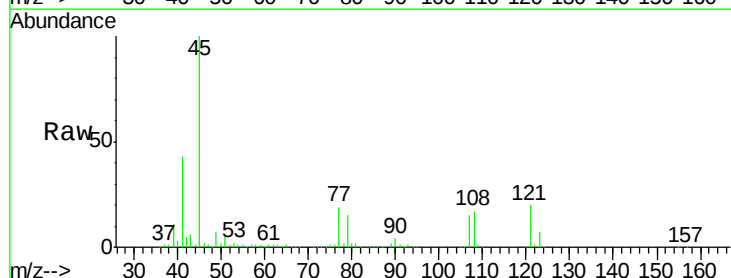
RT: 7.00 min Scan# 836

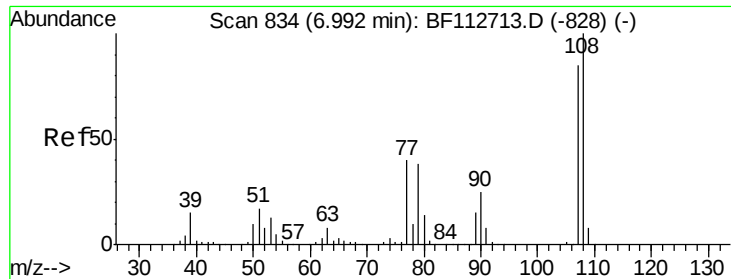
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	45	Resp:	662677
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	32.1
79	15.2	0.0	29.4





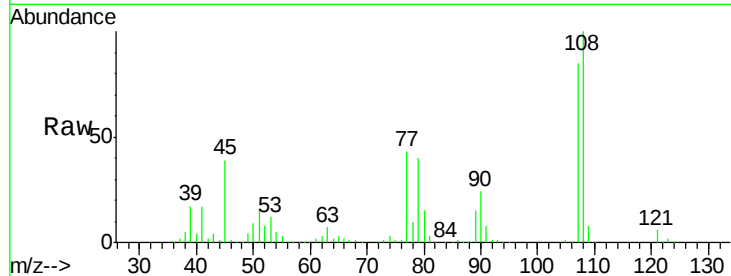
#17
2-Methylphenol
Concen: 35.712 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	338833		
108	117.2	94.6	142.0	
77	50.7	37.8	56.8	
79	46.9	36.2	54.2	

Manual Integrations
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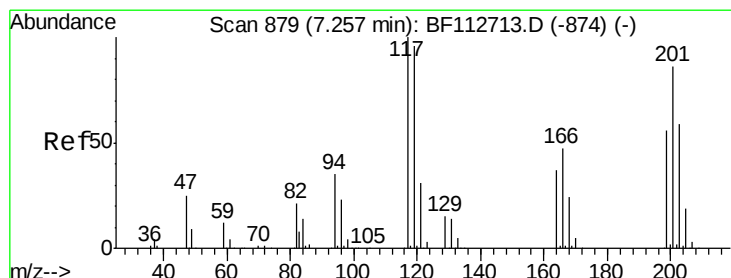
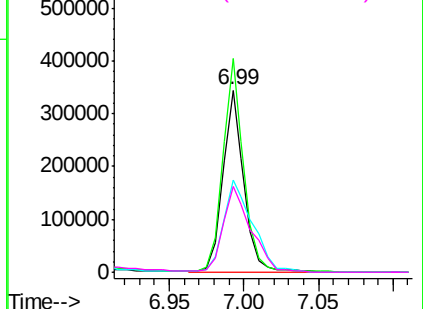
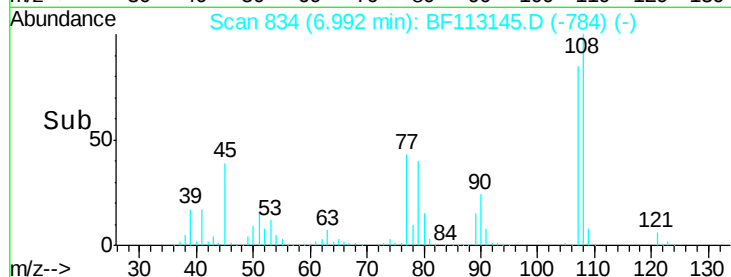
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

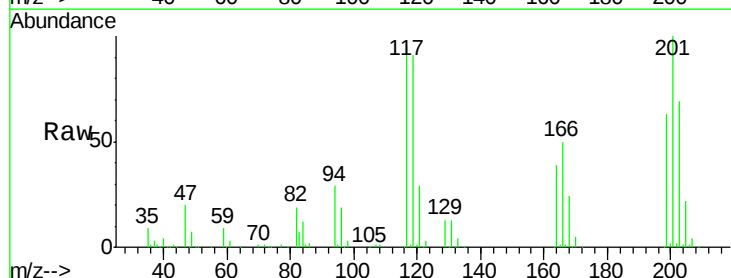
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 32.063 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	148810		
119	96.1	76.6	115.0	
201	105.5	68.9	103.3#	

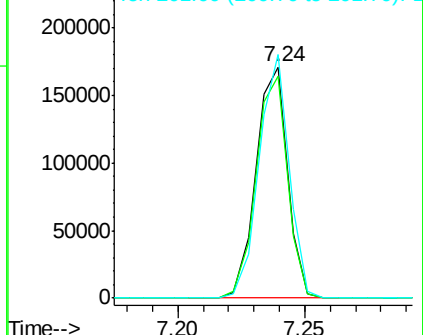
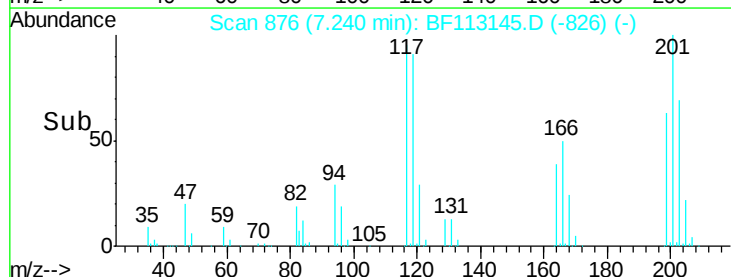


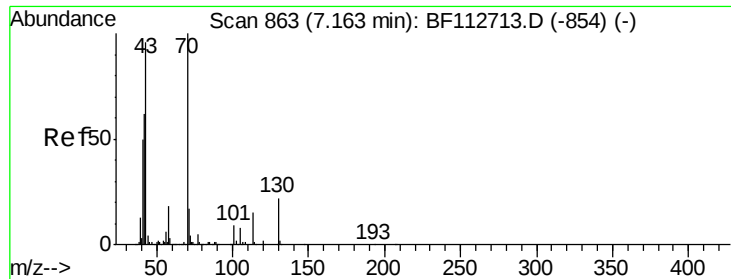
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





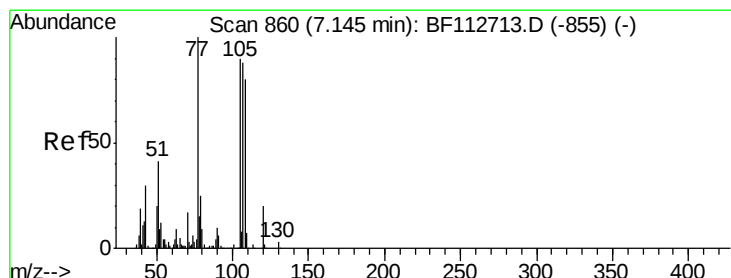
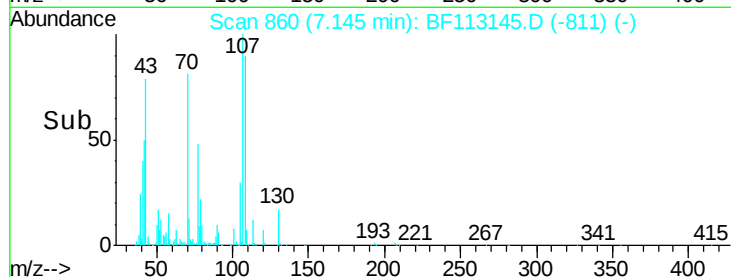
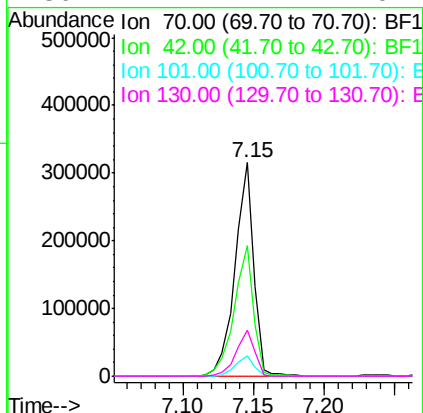
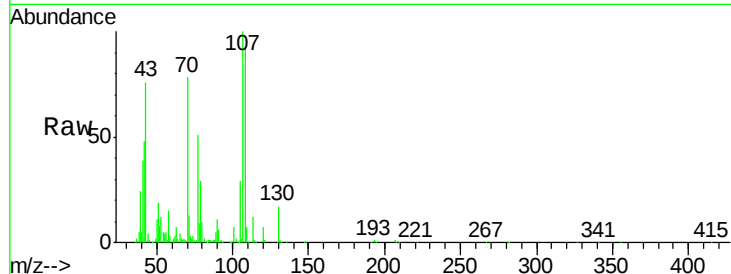
#19
n-Nitroso-di-n-propylamine
Concen: 34.911 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.3	49.9	74.9
101	9.5	7.4	11.2
130	21.4	17.4	26.2

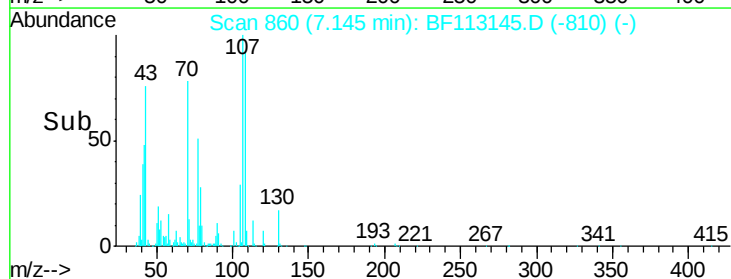
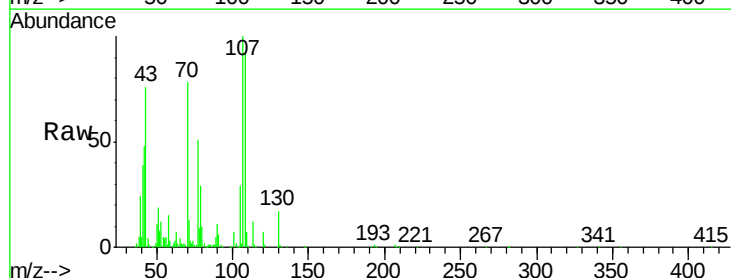
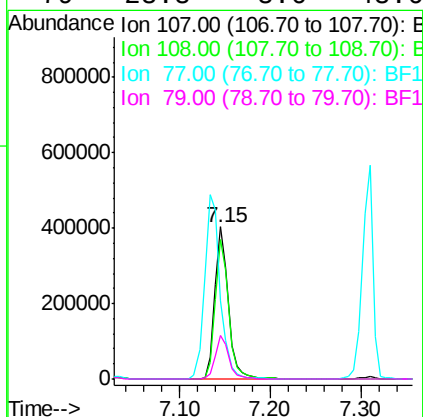
Manual Integrations
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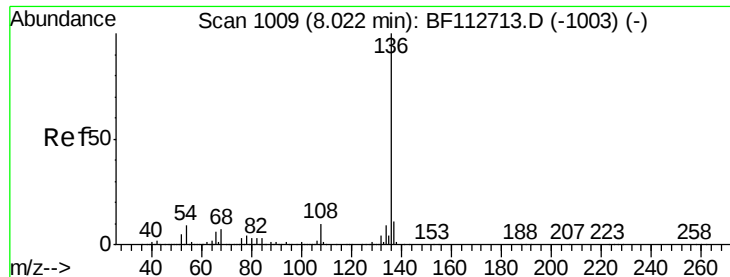
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#20
3+4-Methylphenols
Concen: 38.921 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.4	111.4
77	51.4	94.1	134.1#
79	28.8	8.6	48.6





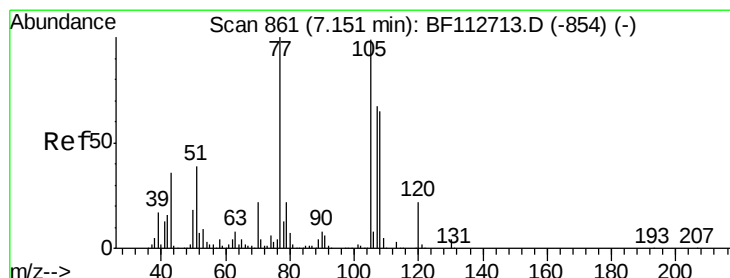
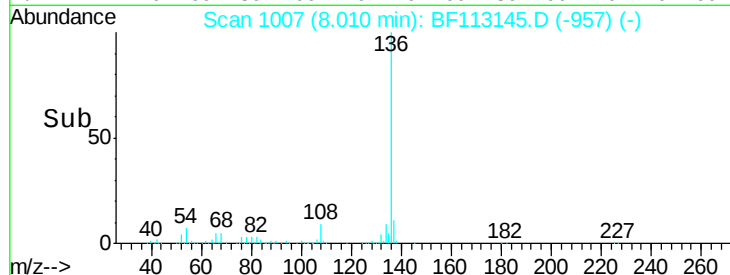
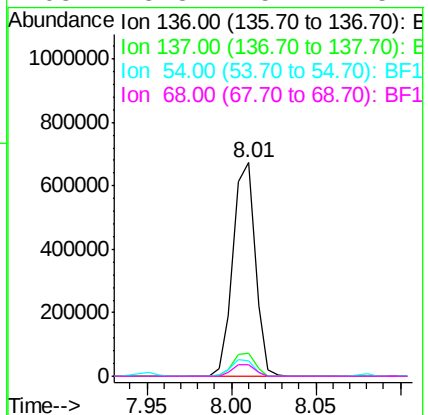
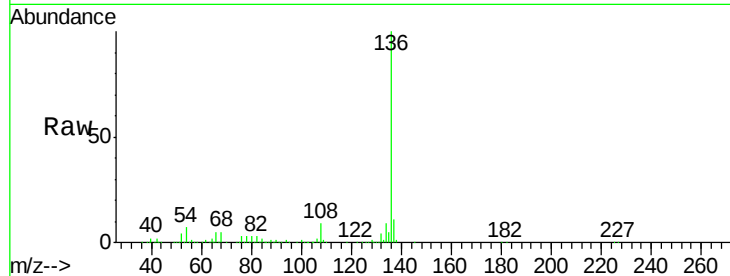
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	619612		
137	10.7	8.9	13.3	
54	7.1	7.3	10.9	
68	5.3	5.4	8.2	

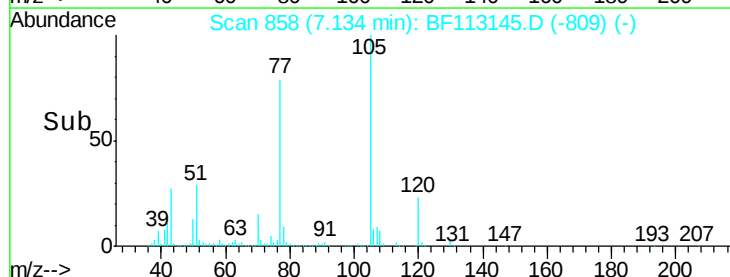
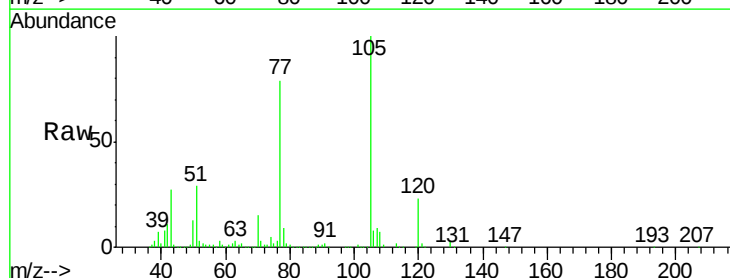
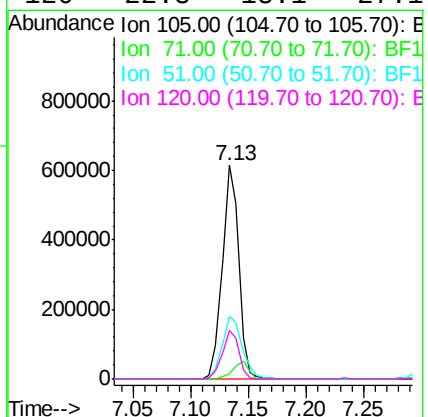
Manual Integrations
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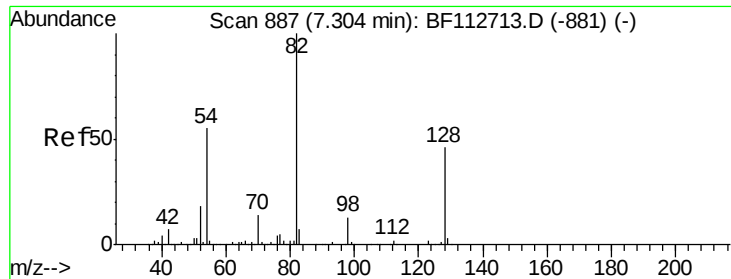
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#22
Acetophenone
Concen: 42.117 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	610195		
71	2.6	3.0	4.4	
51	29.2	31.5	47.3	
120	22.8	18.1	27.1	





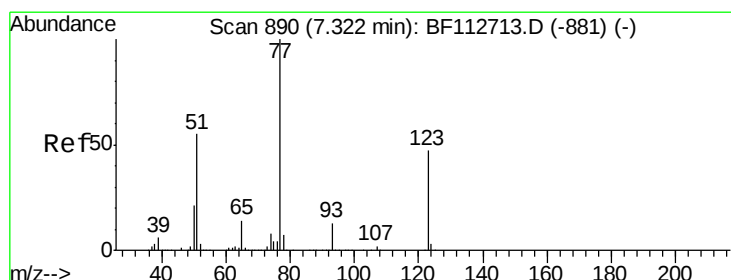
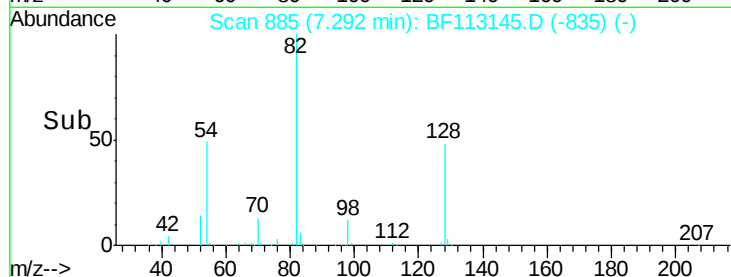
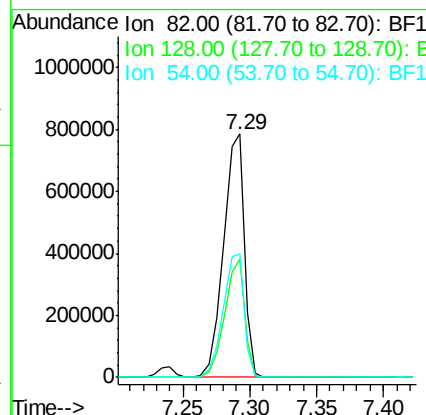
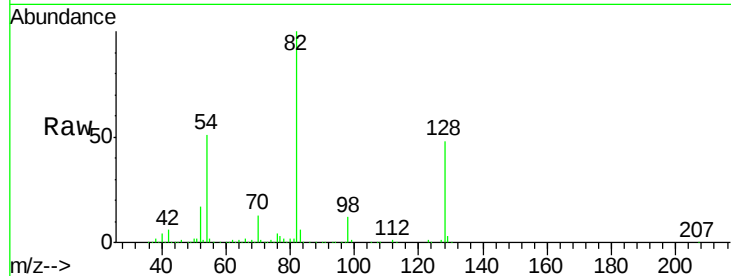
#23
 Nitrobenzene-d5
 Concen: 83.894 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.3	54.5
54	50.5	43.7	65.5

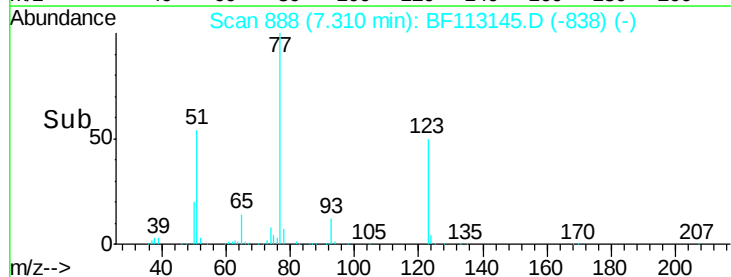
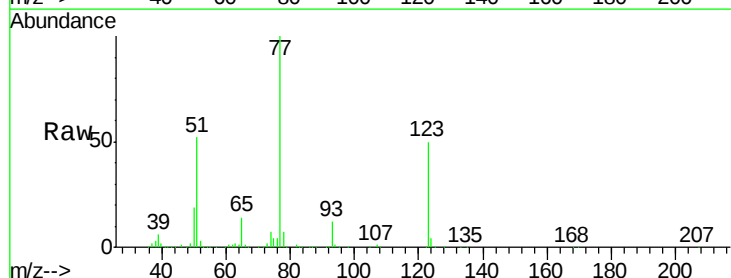
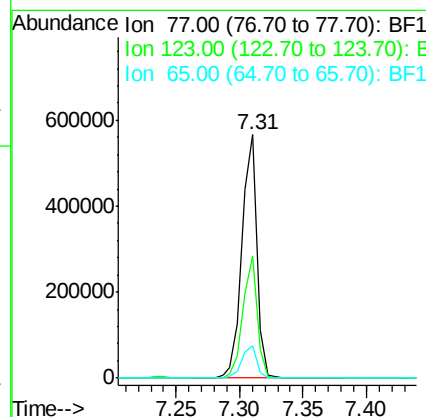
Manual Integrations
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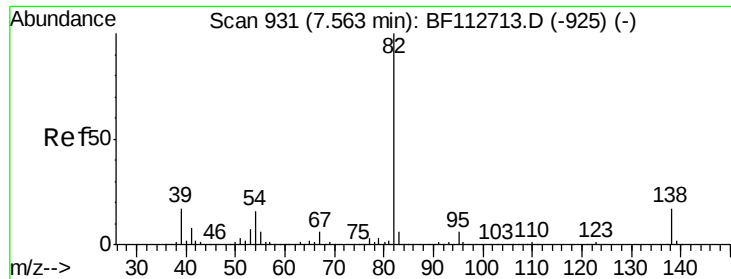
Sohil
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#24
 Nitrobenzene
 Concen: 39.418 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.8	56.6
65	13.6	11.1	16.7





#25

Isophorone

Concen: 36.355 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

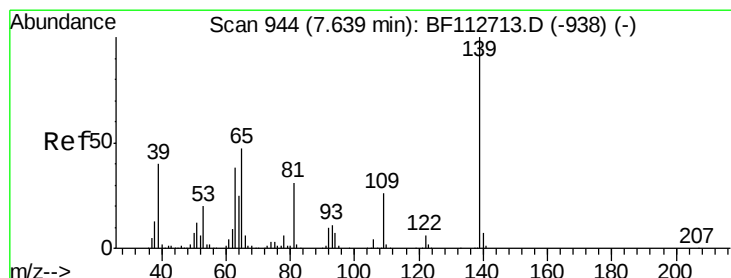
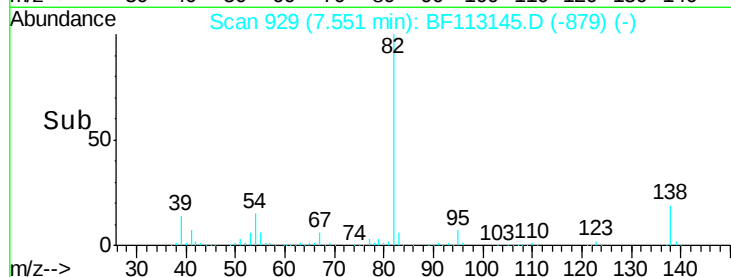
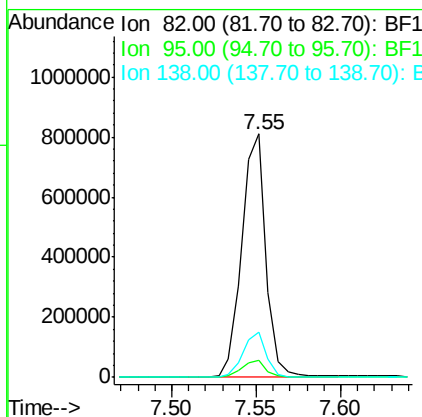
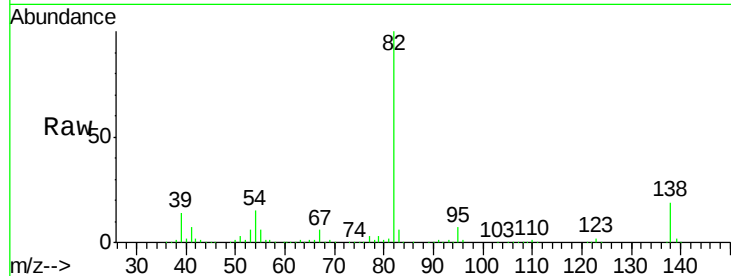
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	811008
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.8	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.534 ng

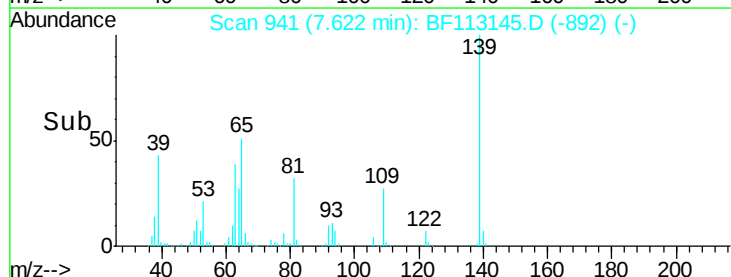
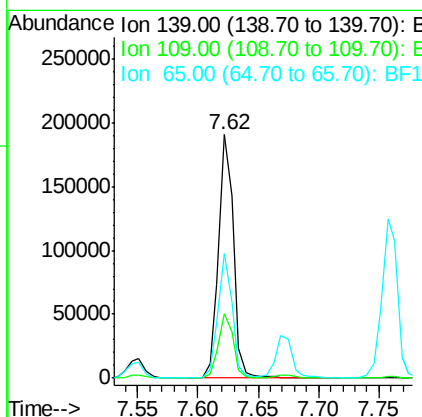
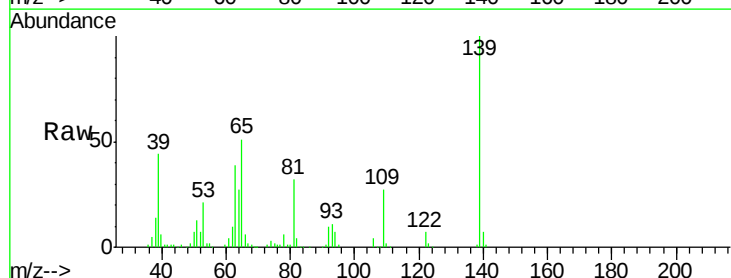
RT: 7.62 min Scan# 941

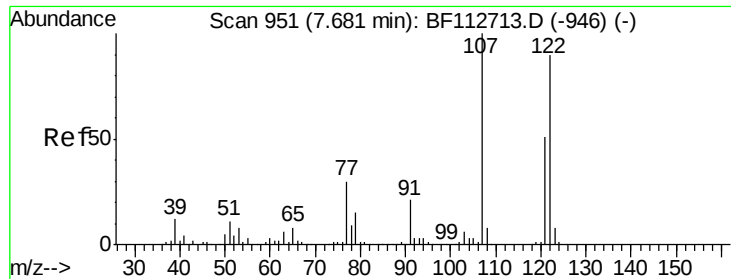
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	139	Resp:	160881
Ion Ratio	Lower	Upper	
139	100		
109	26.7	20.6	31.0
65	51.2	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 38.180 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

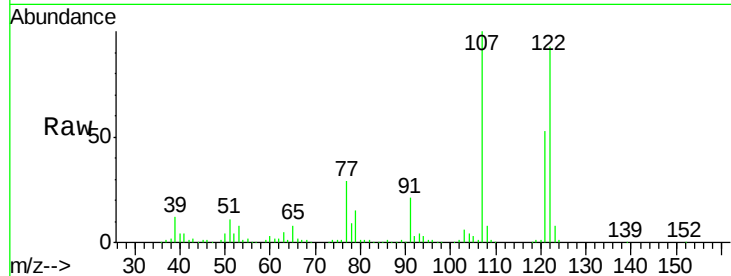
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	340772		
107	107.3	89.4	134.0	
121	56.8	45.5	68.3	

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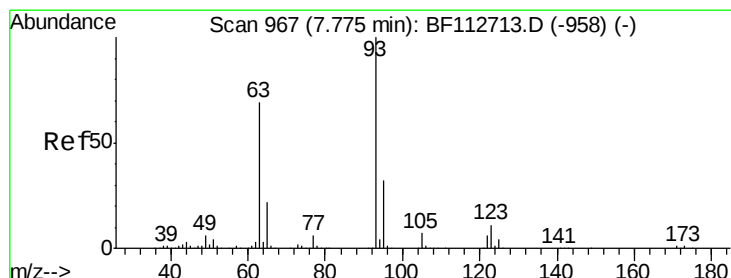
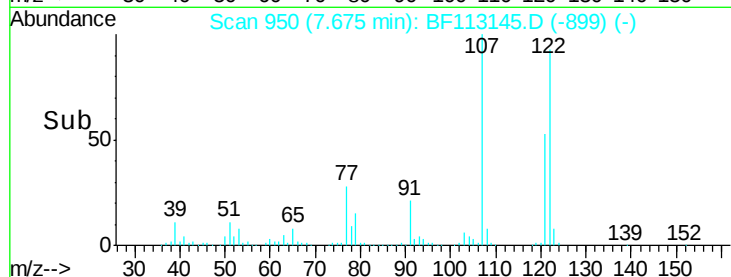
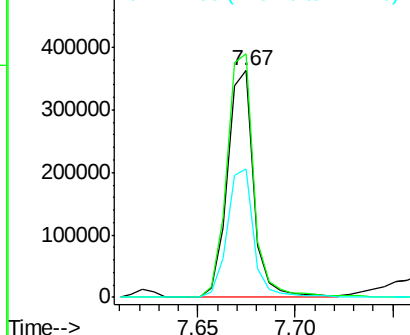


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.769 ng

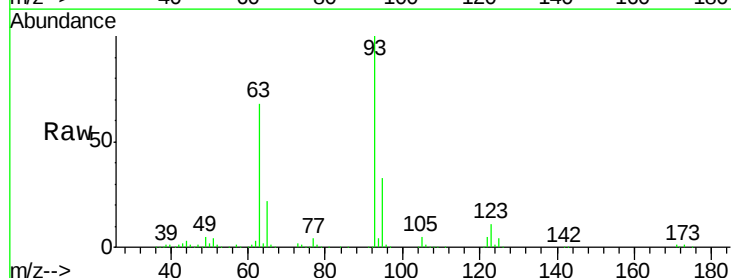
RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	526772		
95	32.7	26.0	39.0	
123	11.1	9.3	13.9	

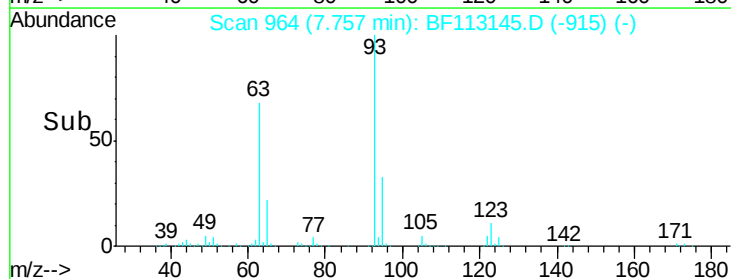
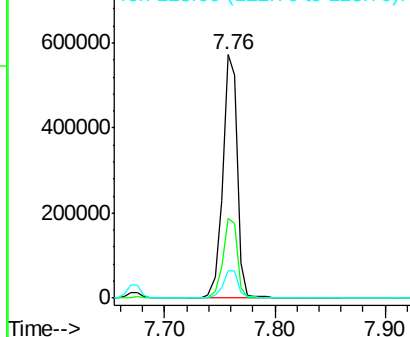


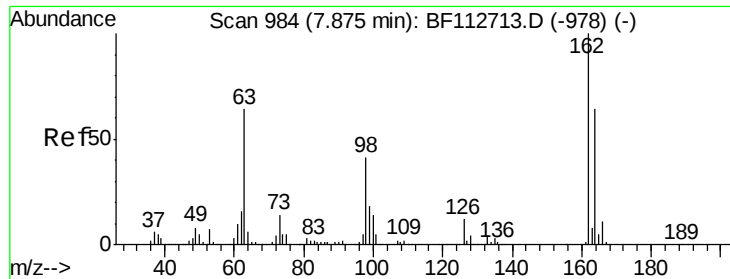
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





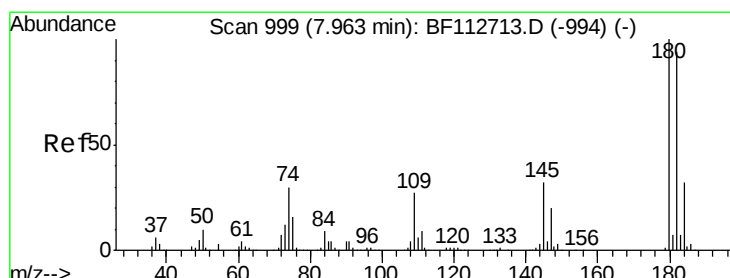
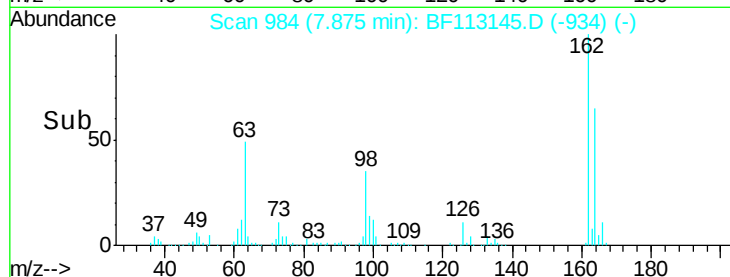
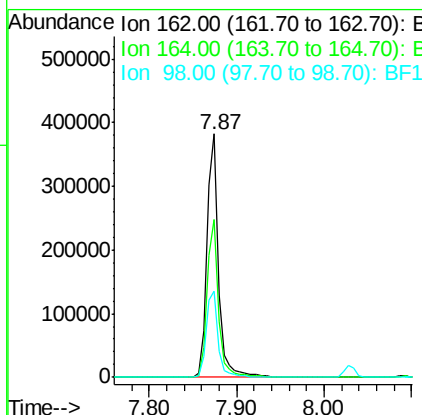
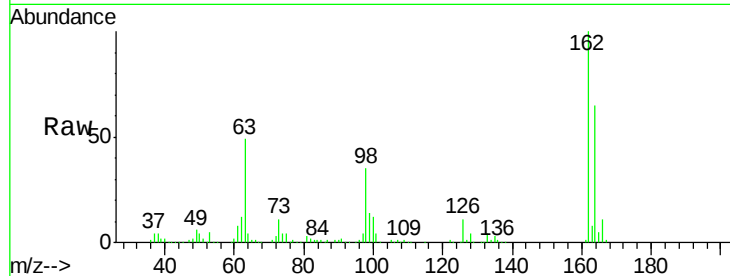
#29
2,4-Dichlorophenol
Concen: 40.658 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	351913		
164	64.7	44.0	84.0	
98	35.2	20.7	60.7	

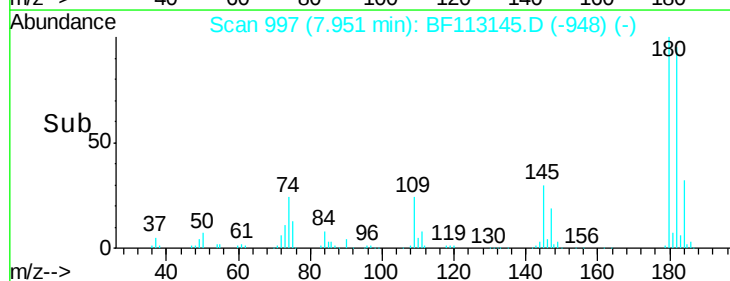
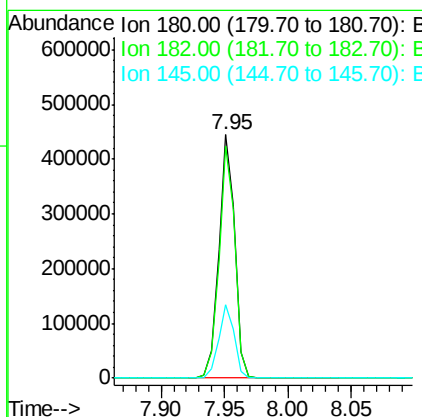
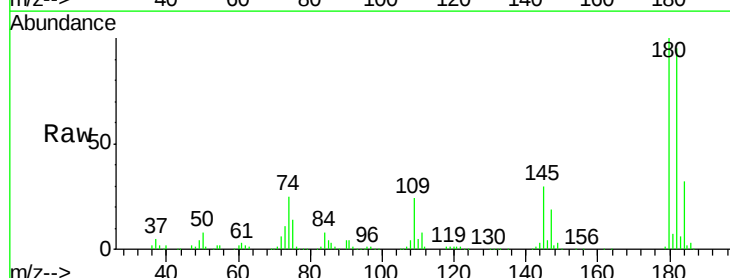
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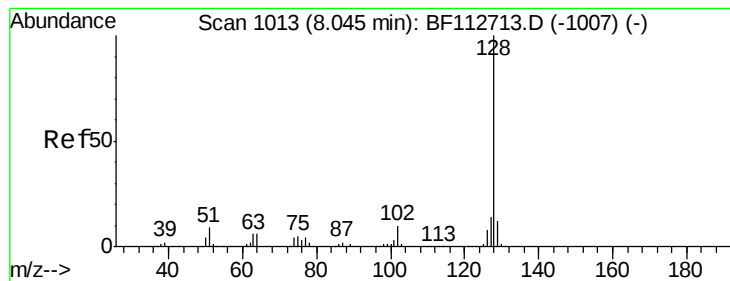
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#30
1,2,4-Trichlorobenzene
Concen: 42.178 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392265		
182	95.2	75.2	112.8	
145	30.4	25.4	38.0	





#31

Naphthalene

Concen: 39.020 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

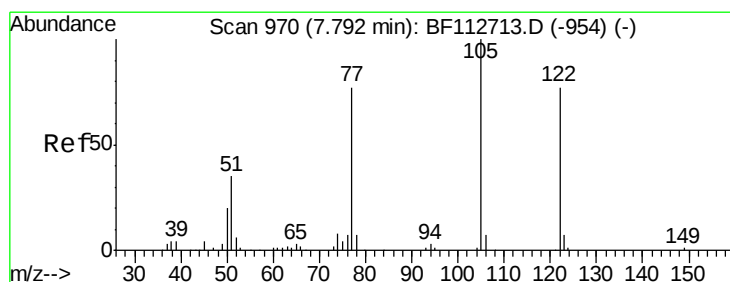
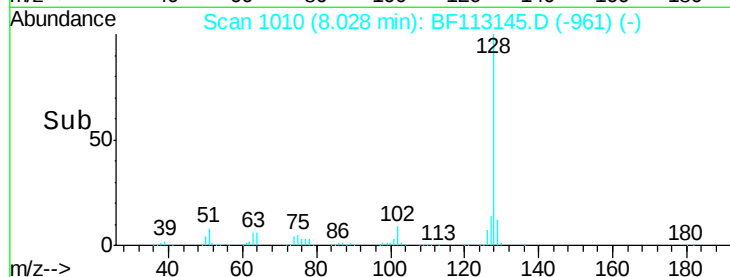
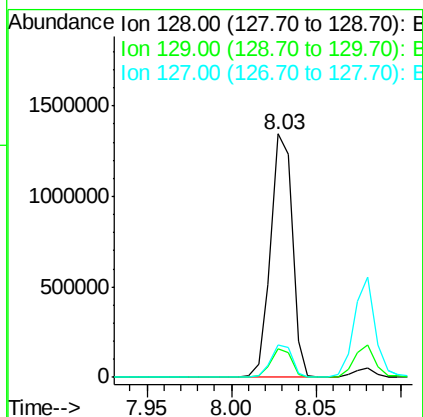
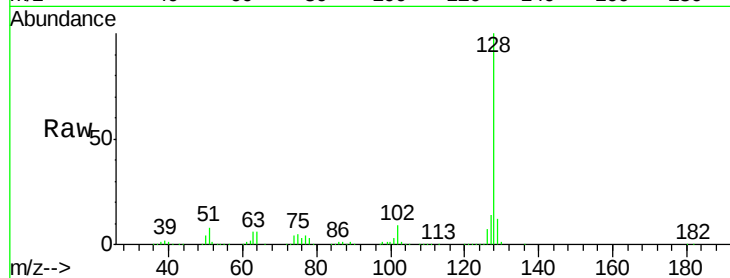
ClientSampleId :

SSTDCCC040

Tgt Ion:	128	Resp:	1200357
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.5	10.9	16.3

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#32

Benzoic acid

Concen: 23.775 ng m

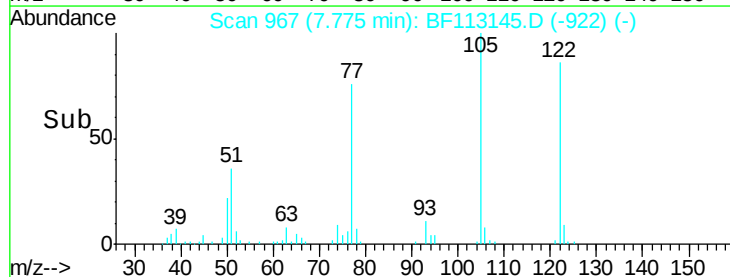
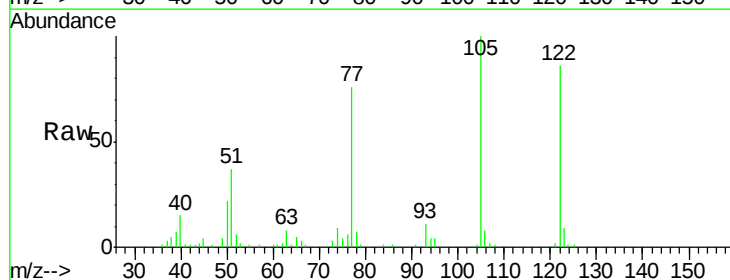
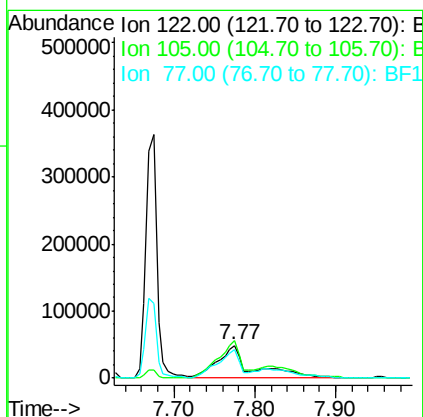
RT: 7.77 min Scan# 967

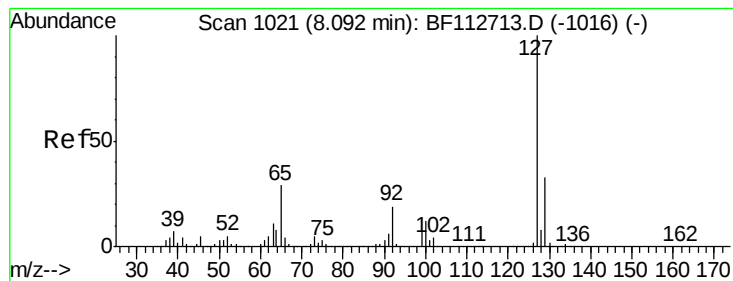
Delta R.T. -0.04 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	122	Resp:	148728
Ion	Ratio	Lower	Upper
122	100		
105	116.5	106.8	146.8
77	88.8	79.4	119.4





#33

4-Chloroaniline

Concen: 38.013 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

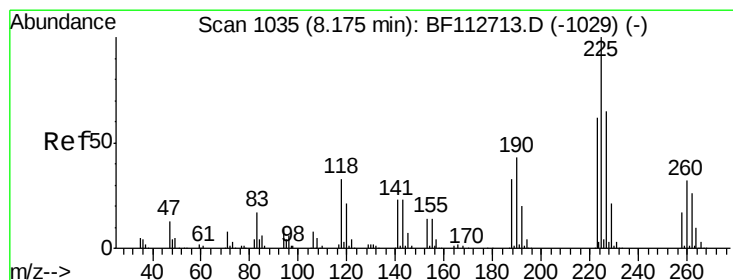
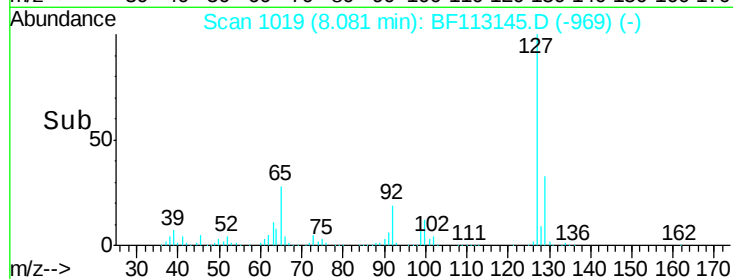
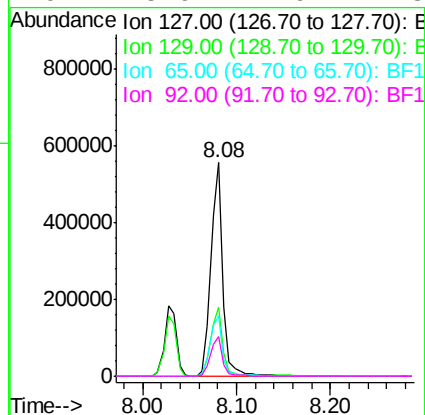
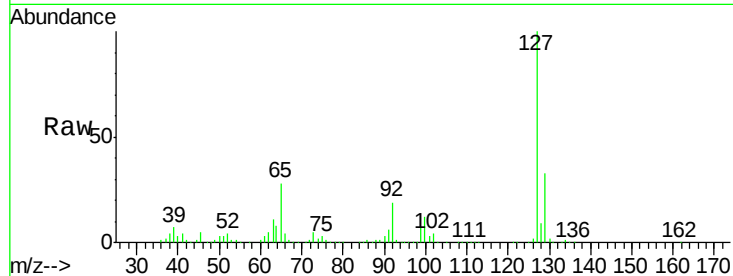
ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	495292
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.4	39.6
65	28.4	23.1	34.7
92	18.6	14.9	22.3

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#34

Hexachlorobutadiene

Concen: 46.014 ng

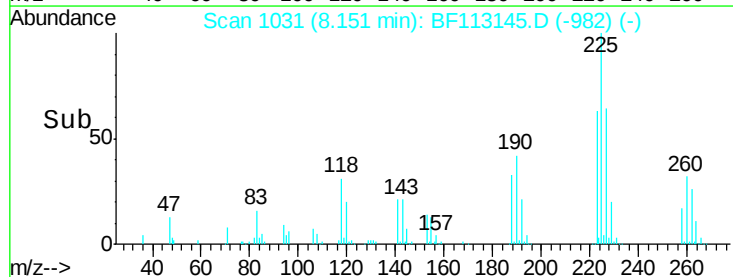
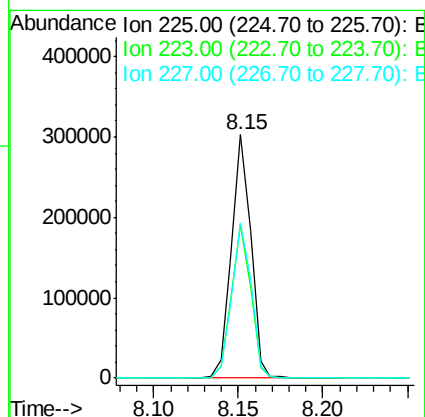
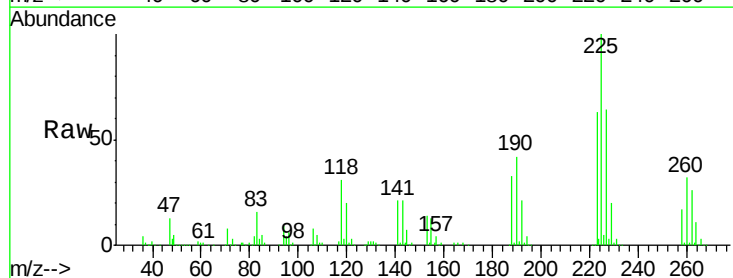
RT: 8.15 min Scan# 1031

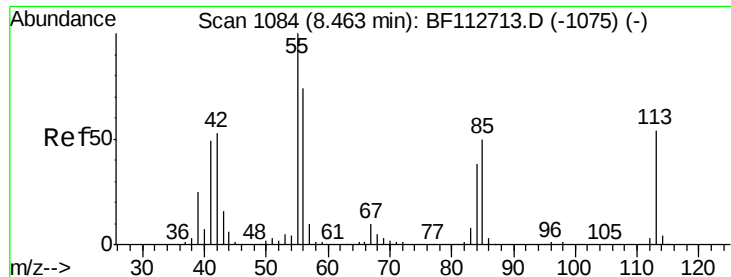
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	225	Resp:	241343
Ion Ratio	Lower	Upper	
225	100		
223	62.6	49.7	74.5
227	63.8	52.1	78.1





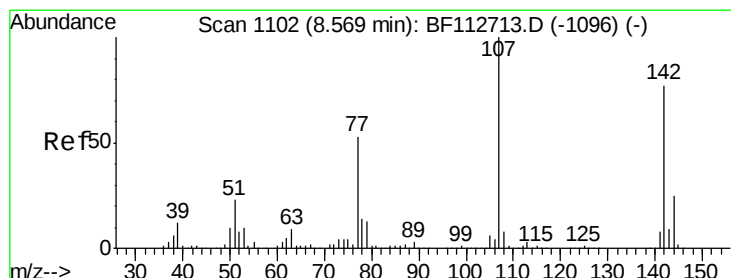
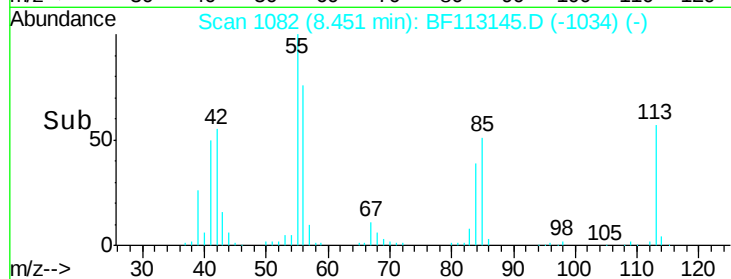
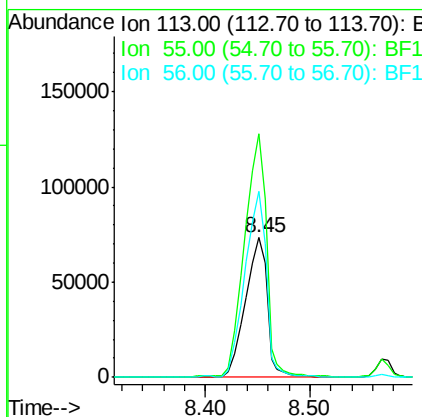
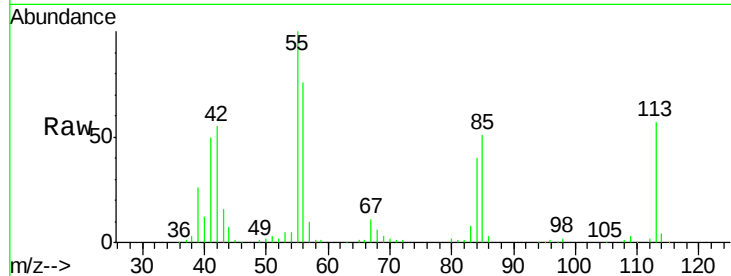
#35
 Caprolactam
 Concen: 34.644 ng m
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:113 Resp: 105611
 Ion Ratio Lower Upper
 113 100
 55 174.2 163.5 203.5
 56 133.3 115.3 155.3

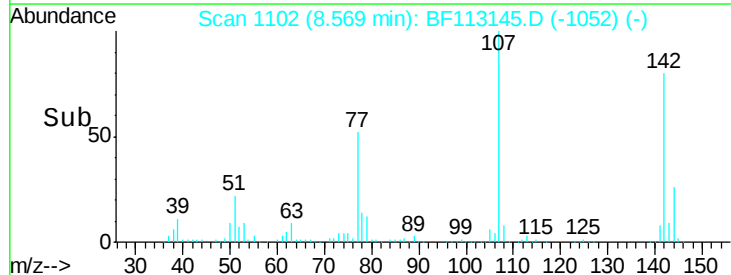
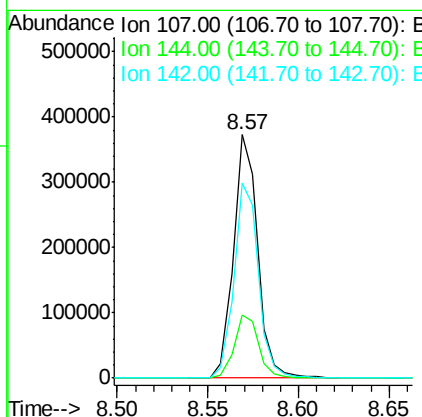
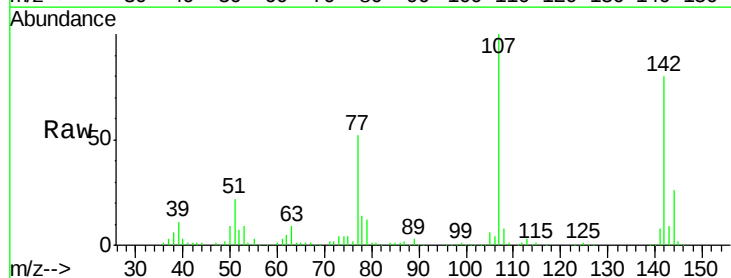
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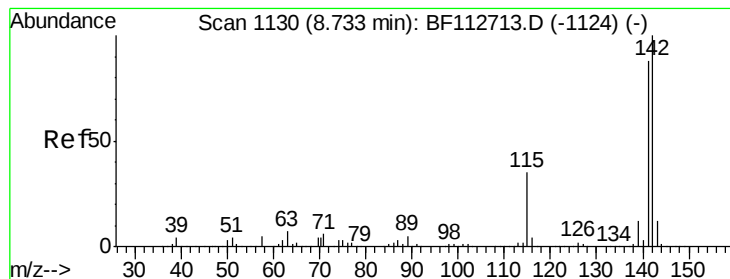
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#36
 4-Chloro-3-methylphenol
 Concen: 36.319 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion:107 Resp: 347898
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 79.9 61.9 92.9





#37

2-Methylnaphthalene

Concen: 38.741 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

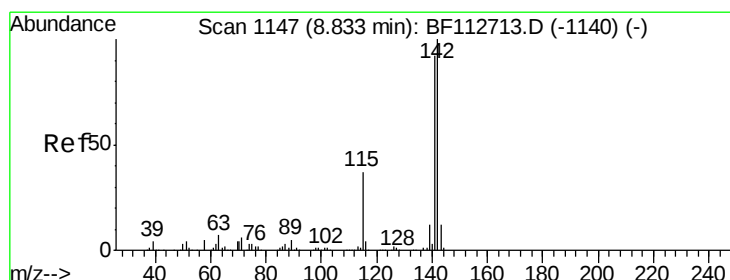
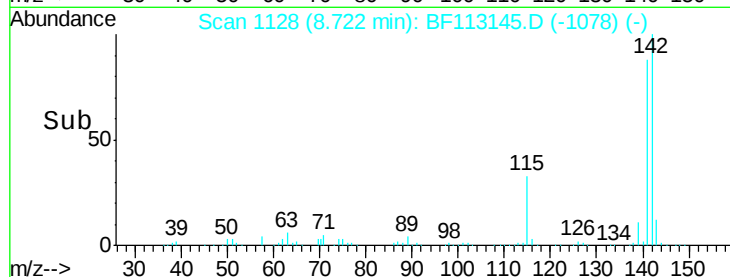
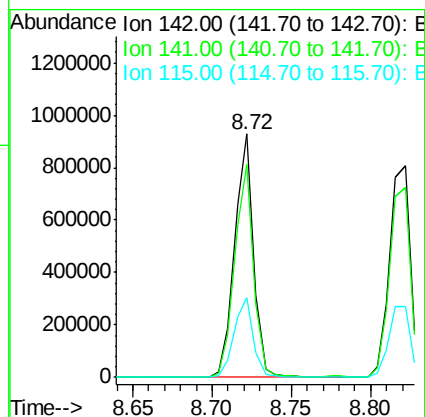
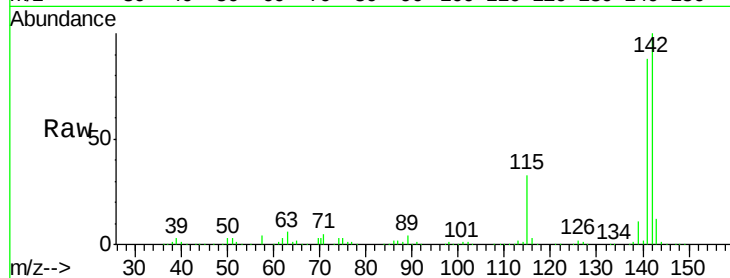
ClientSampleId :

SSTDCCC040

Tgt Ion:	142	Resp:	769628
Ion Ratio	Lower	Upper	
142	100		
141	87.5	70.3	105.5
115	33.0	27.8	41.6

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#38

1-Methylnaphthalene

Concen: 38.407 ng

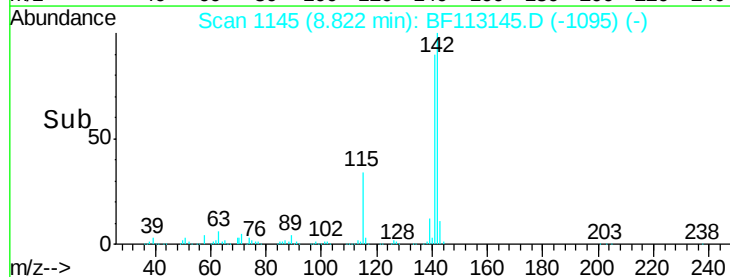
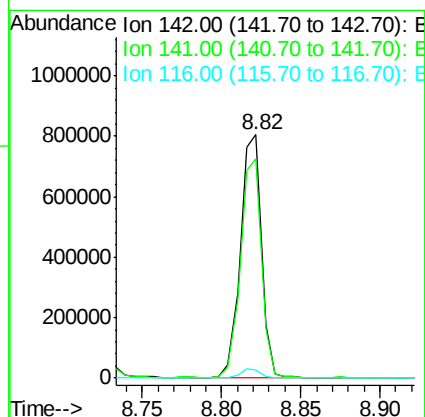
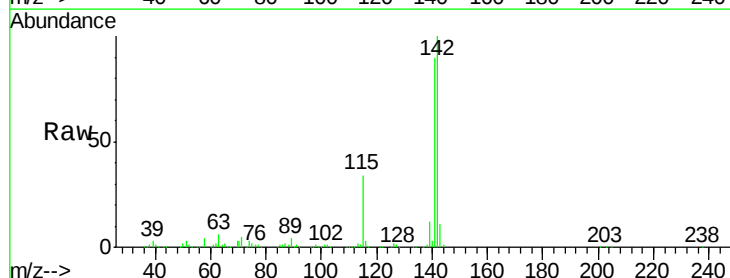
RT: 8.82 min Scan# 1145

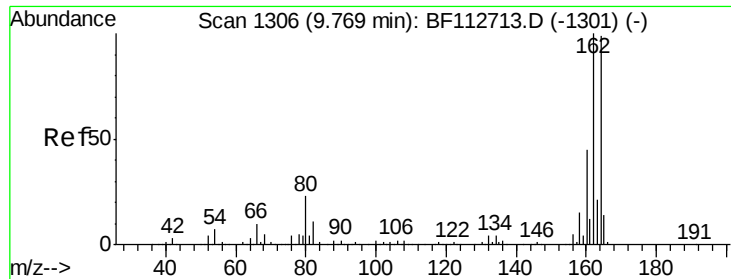
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	142	Resp:	739093
Ion Ratio	Lower	Upper	
142	100		
141	90.2	73.7	110.5
116	3.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

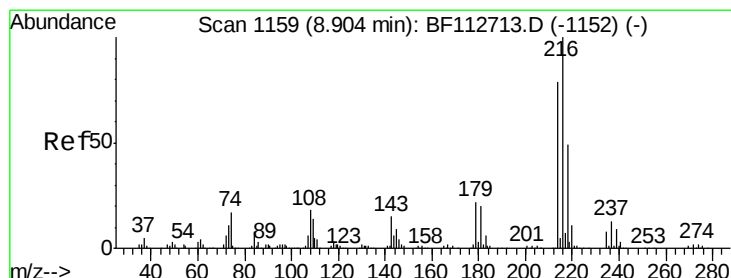
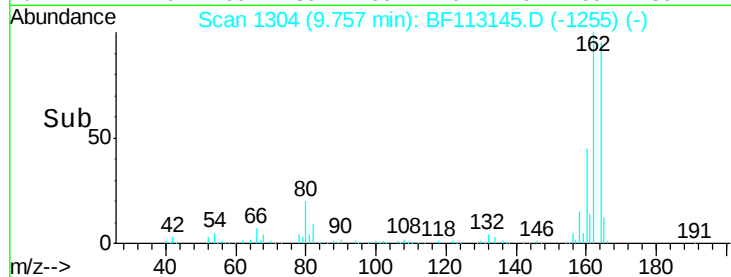
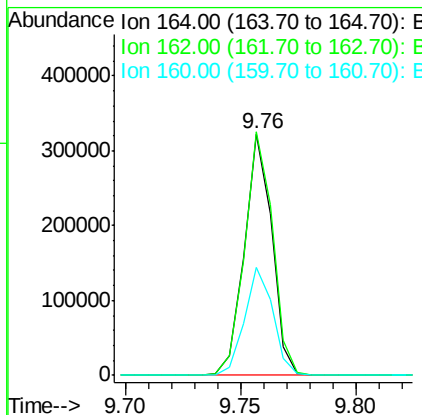
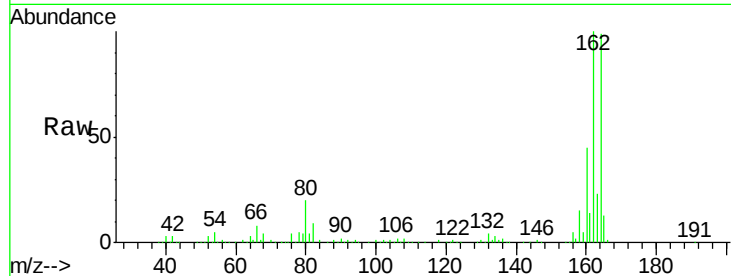
ClientSampleId :

SSTDCCC040

Tgt Ion:	164	Resp:	269519
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.6	120.8
160	44.9	36.0	54.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.041 ng

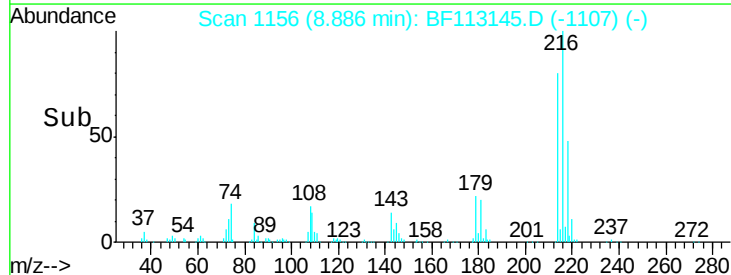
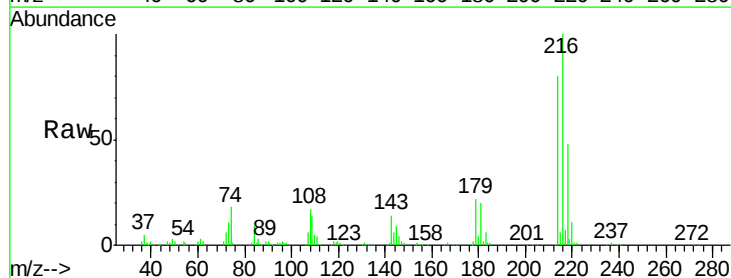
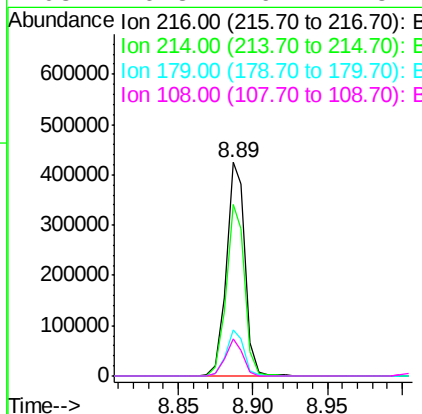
RT: 8.89 min Scan# 1156

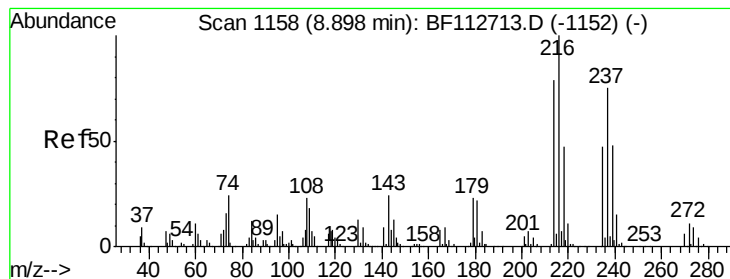
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	216	Resp:	377574
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.2	94.8
179	20.6	17.5	26.3
108	16.3	16.7	25.1#





#41

Hexachlorocyclopentadiene

Concen: 5.523 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

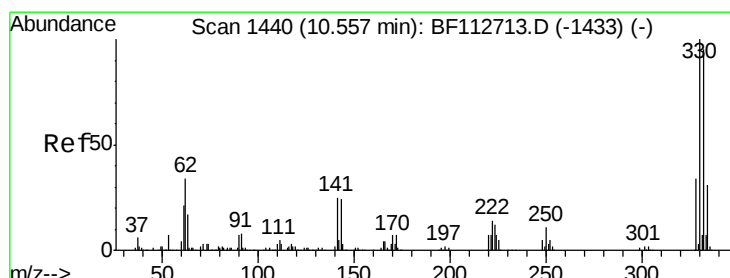
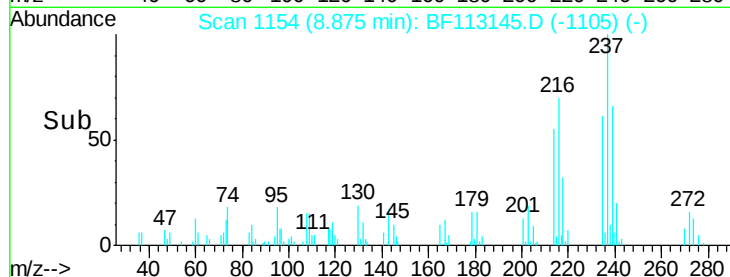
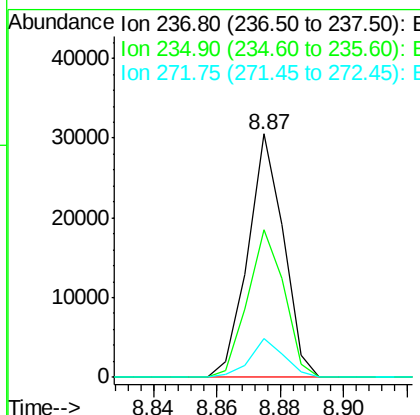
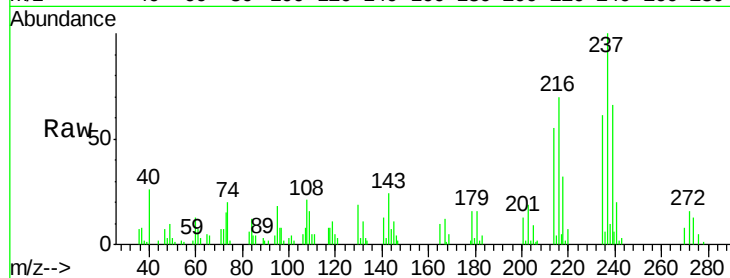
ClientSampleId :

SSTDCCC040

Tgt Ion:	237	Resp:	23772
Ion Ratio	Lower	Upper	
237	100		
235	60.8	42.2	82.2
272	15.7	0.0	34.0

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#42

2,4,6-Tribromophenol

Concen: 77.096 ng

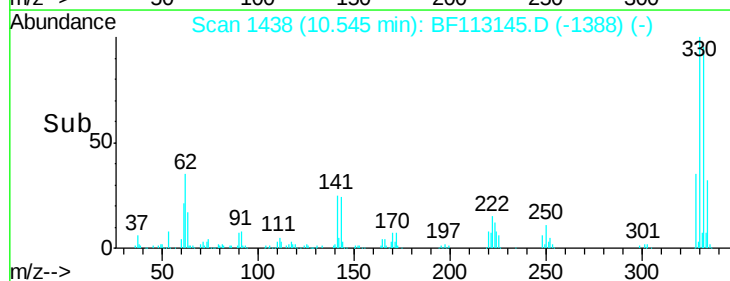
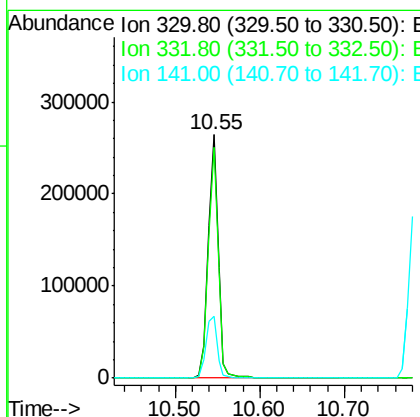
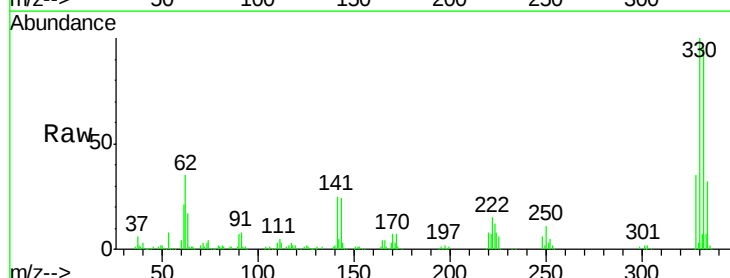
RT: 10.55 min Scan# 1438

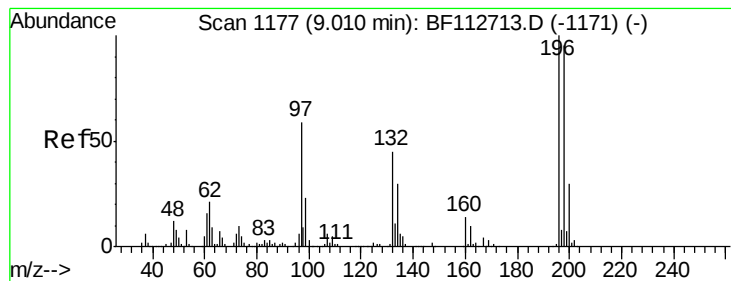
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	330	Resp:	220592
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.2	114.4
141	28.1	27.0	40.6





#43

2,4,6-Trichlorophenol

Concen: 40.173 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

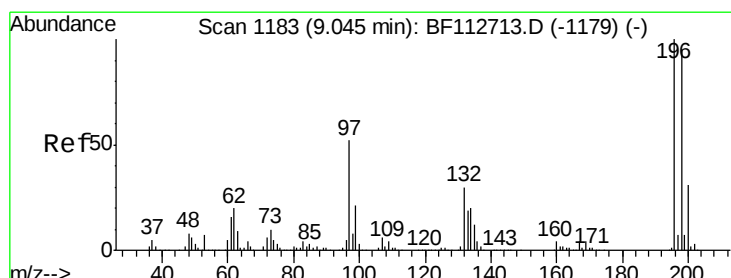
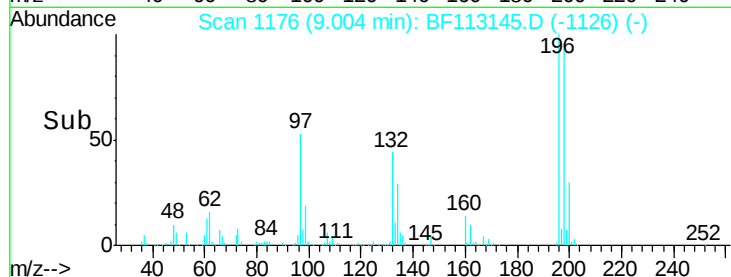
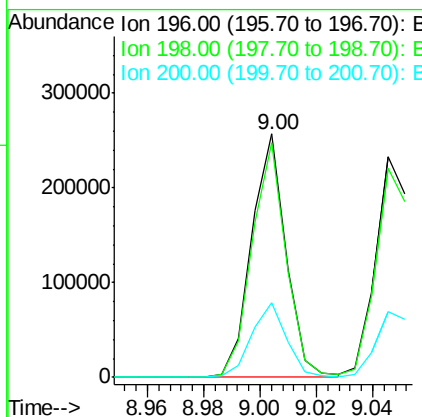
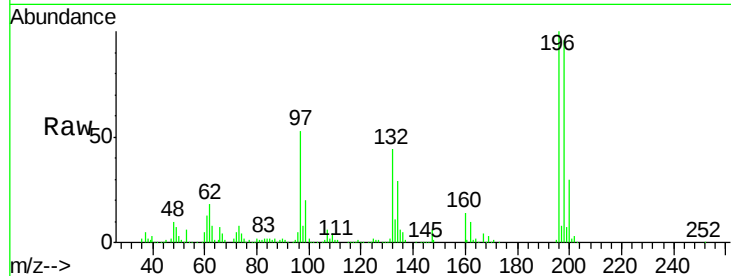
ClientSampleId :

SSTDCCC040

Tgt Ion:	196	Resp:	217301
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.8	113.8
200	30.5	24.3	36.5

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#44

2,4,5-Trichlorophenol

Concen: 38.484 ng

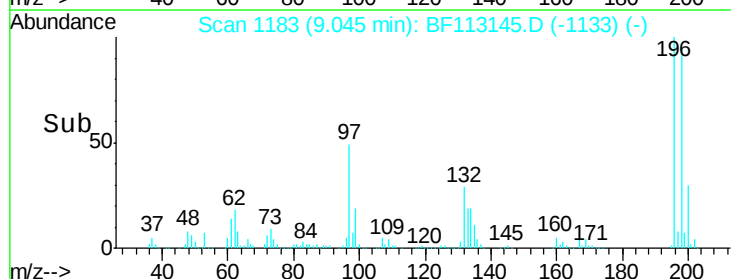
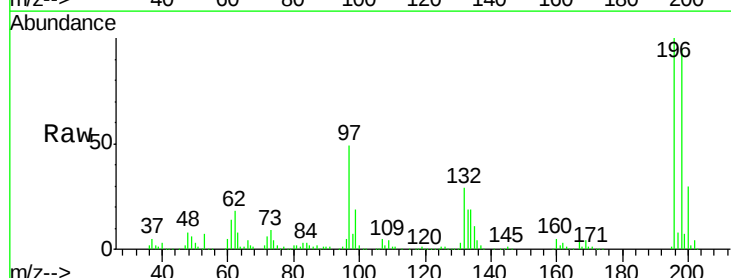
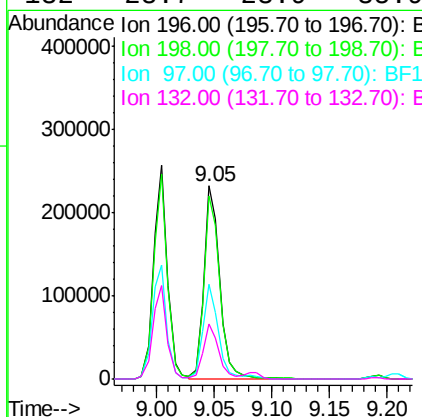
RT: 9.05 min Scan# 1183

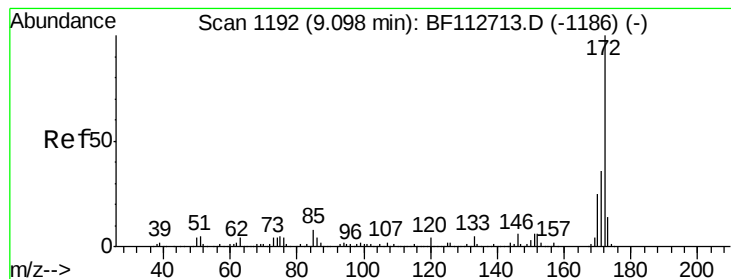
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	196	Resp:	224997
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.2	114.2
97	49.3	41.5	62.3
132	28.7	23.9	35.9





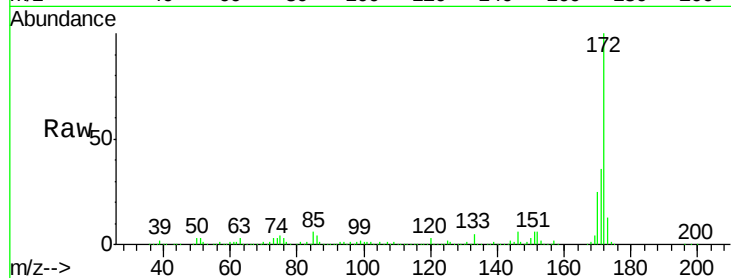
#45
2-Fluorobiphenyl
Concen: 94.199 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

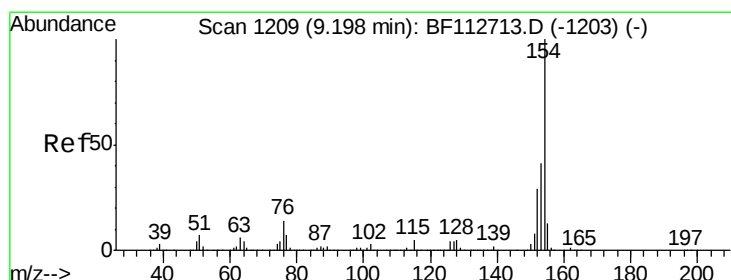
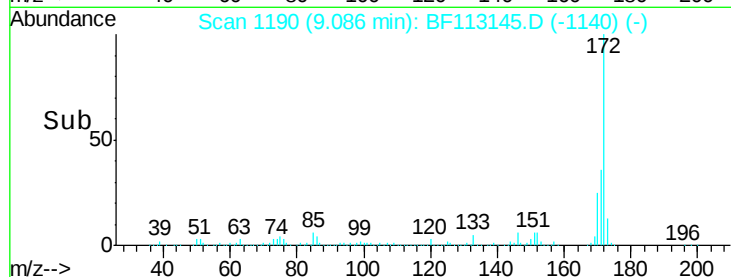
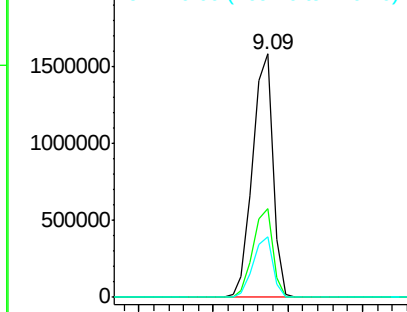
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.8	20.0	30.0

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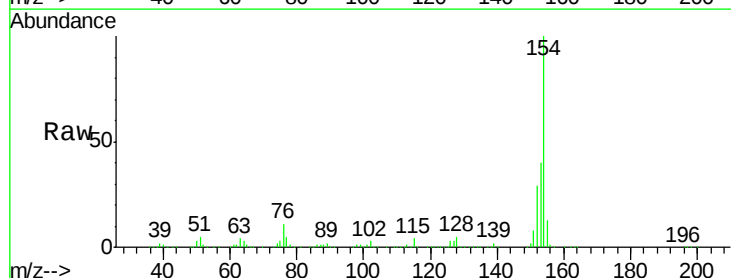


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

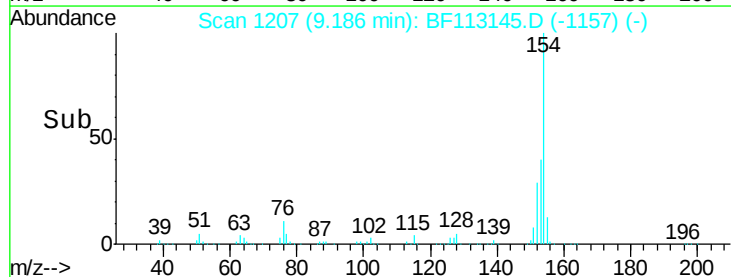
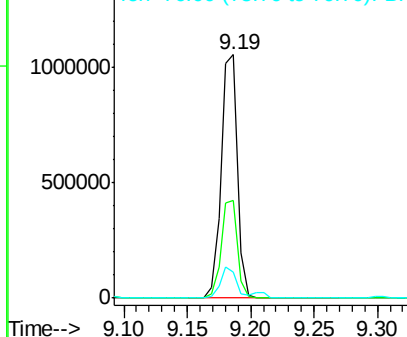


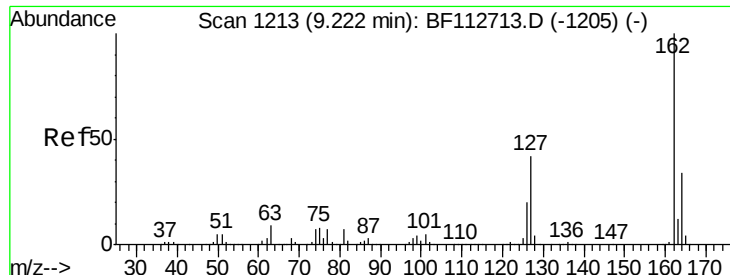
#46
1,1'-Biphenyl
Concen: 43.005 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	10.8	0.0	33.8



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





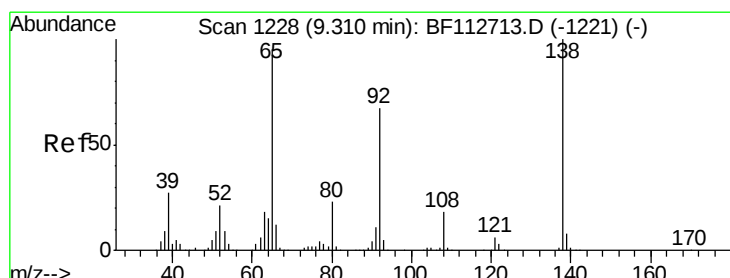
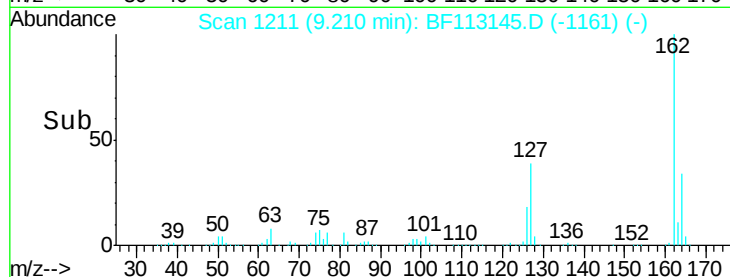
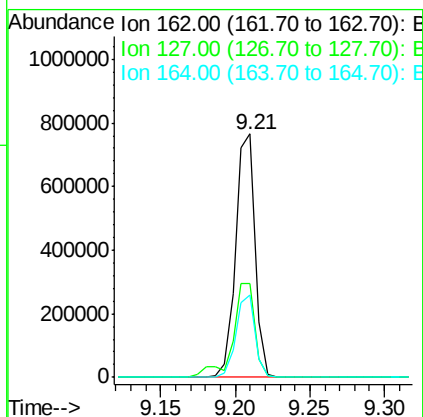
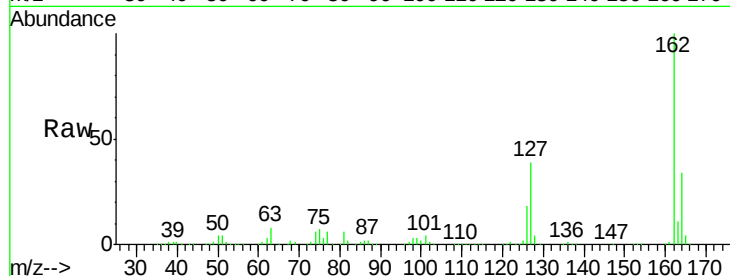
#47
2-Chloronaphthalene
Concen: 40.856 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	701316		
127	38.5	33.4	50.2	
164	34.0	26.9	40.3	

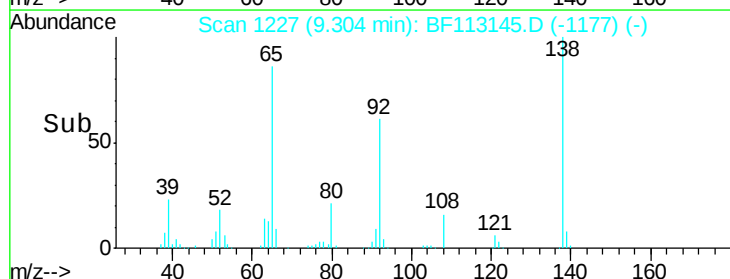
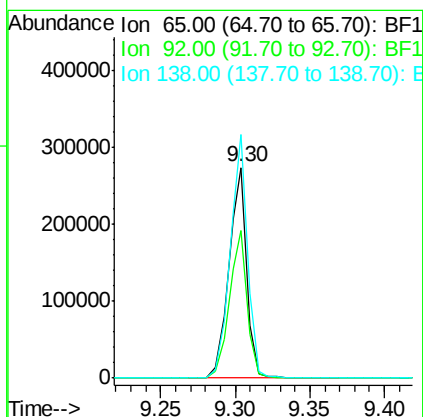
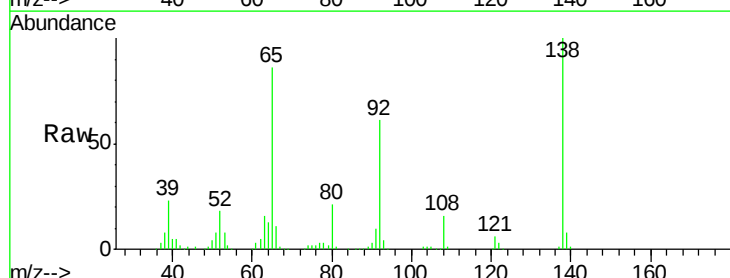
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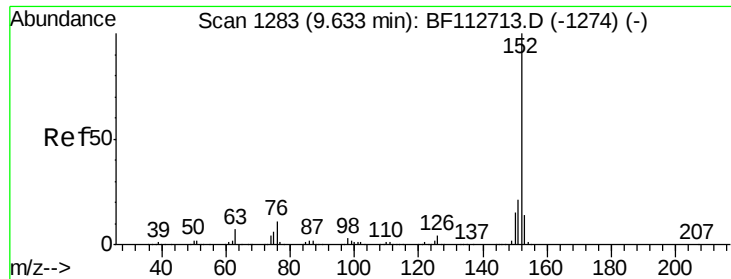
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#48
2-Nitroaniline
Concen: 44.519 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	232282		
92	70.4	56.4	84.6	
138	115.8	84.6	126.8	





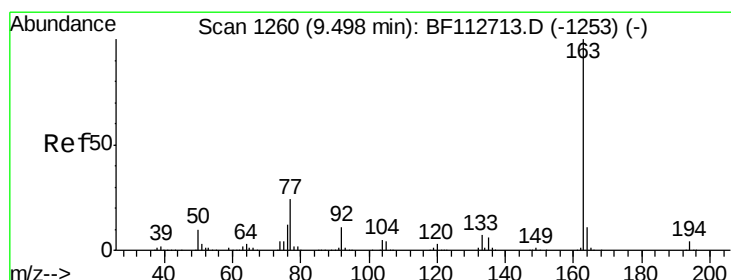
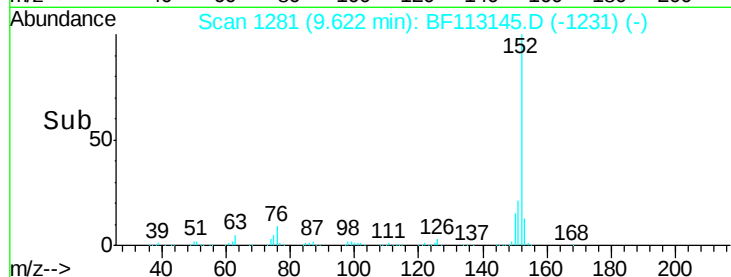
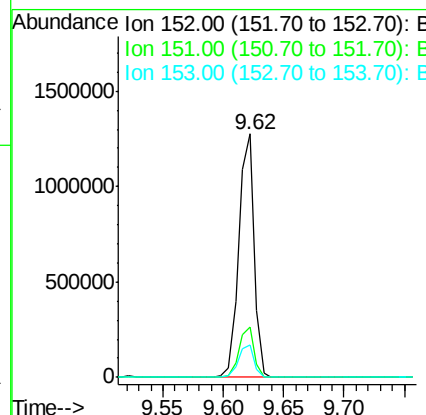
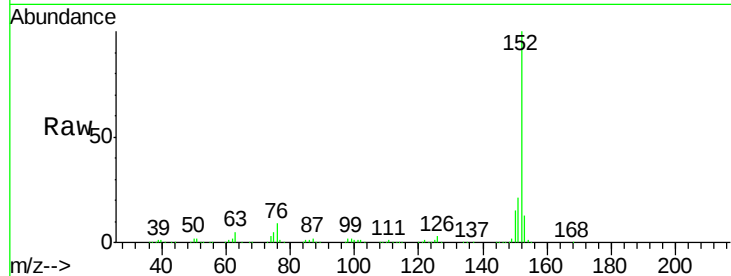
#49
Acenaphthylene
Concen: 38.791 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.4	11.0	16.6

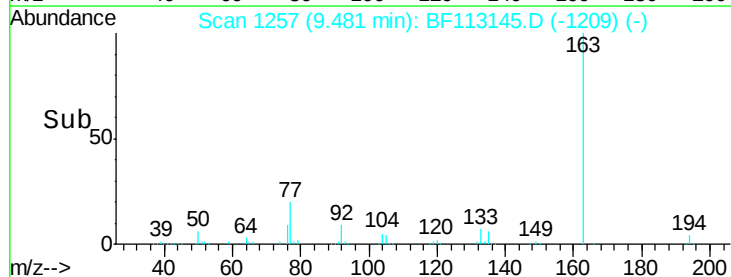
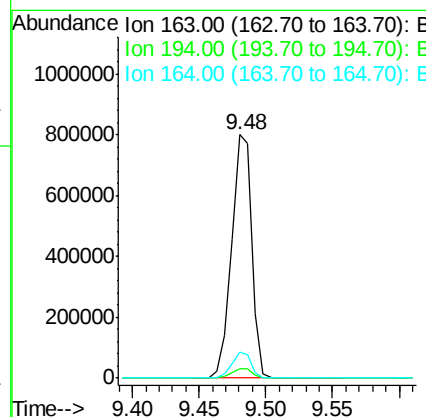
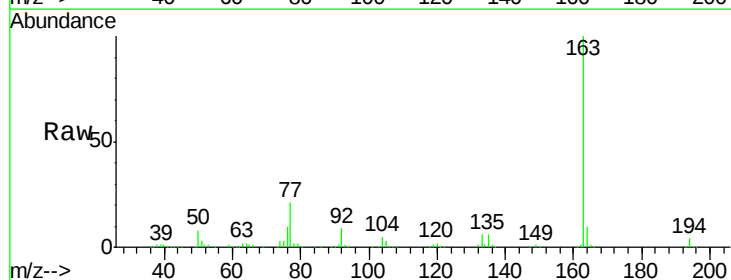
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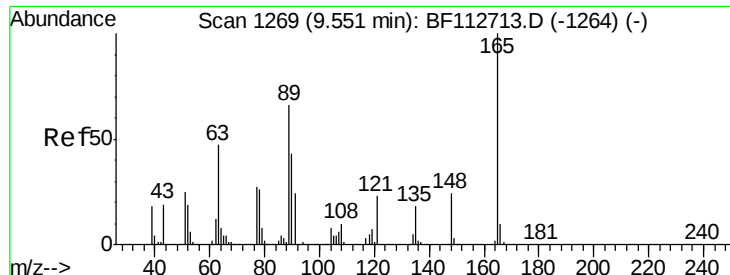
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#50
Dimethylphthalate
Concen: 43.109 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.4	8.4	12.6





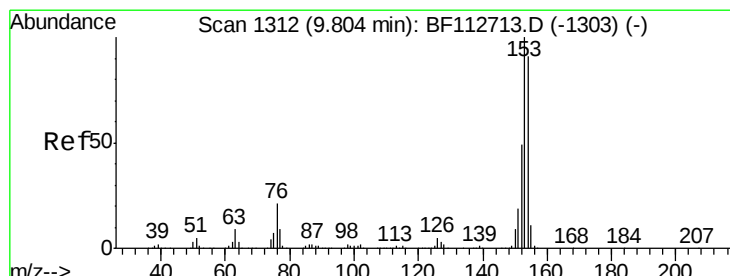
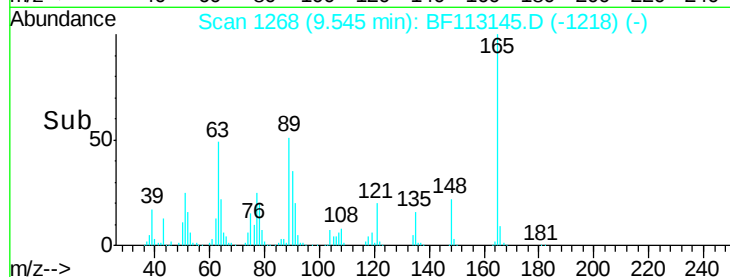
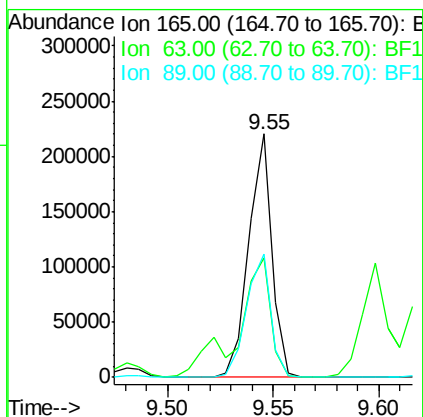
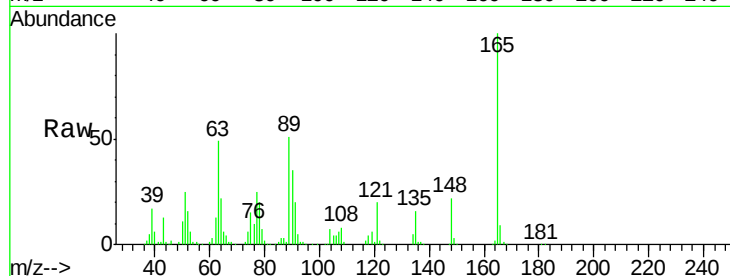
#51
2,6-Dinitrotoluene
Concen: 40.623 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.9	54.1	81.1#
89	50.7	52.8	79.2#

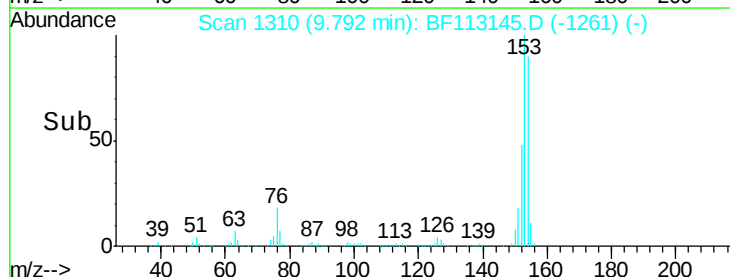
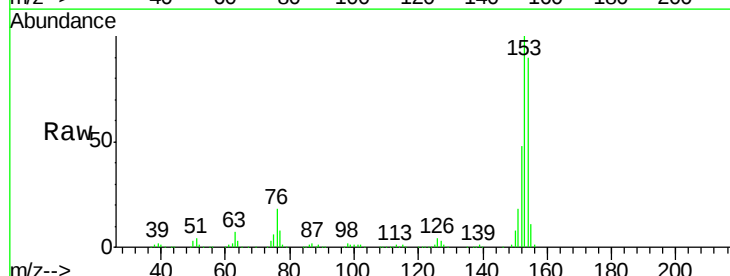
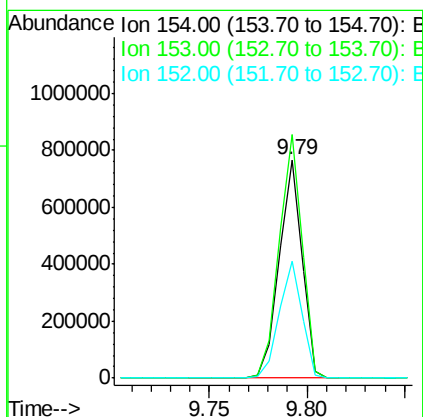
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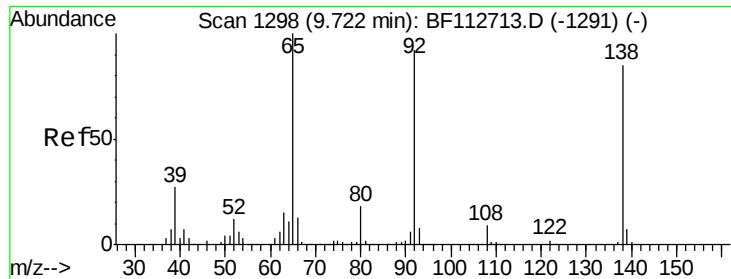
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#52
Acenaphthene
Concen: 36.551 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	111.4	87.8	131.8
152	53.6	43.0	64.6





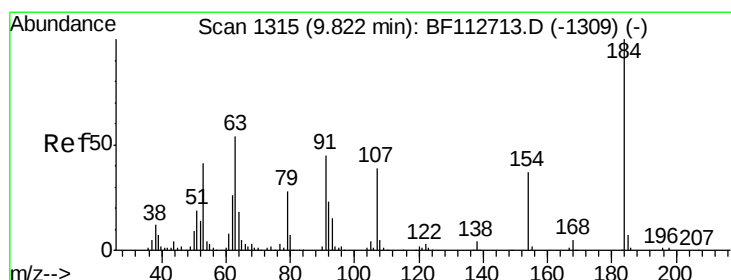
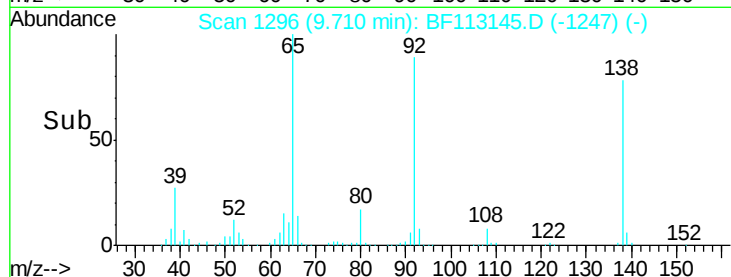
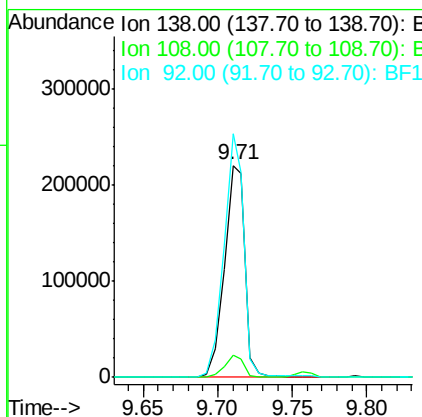
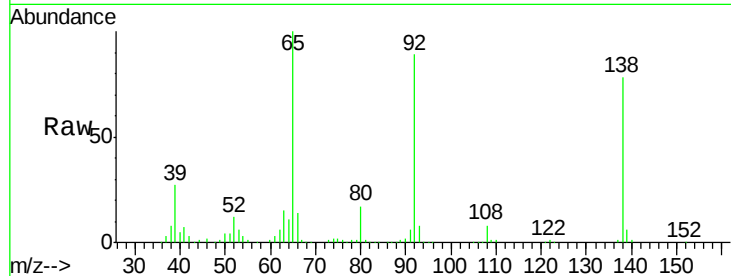
#53
3-Nitroaniline
Concen: 42.768 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	13.0
92	114.7	86.6	129.8

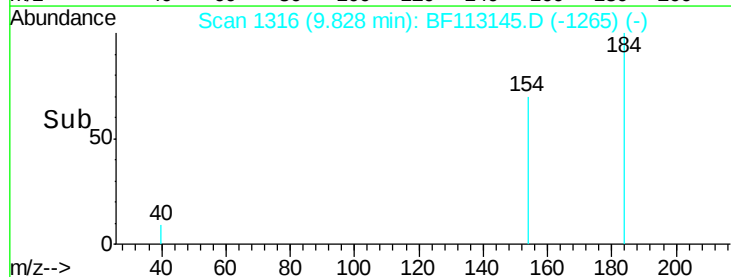
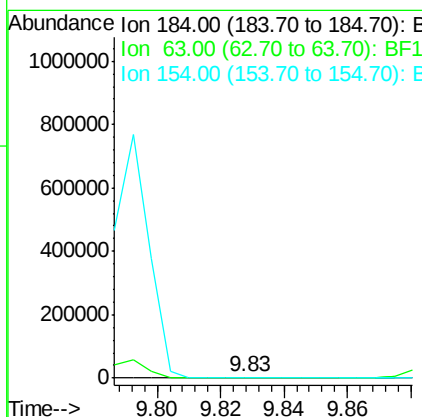
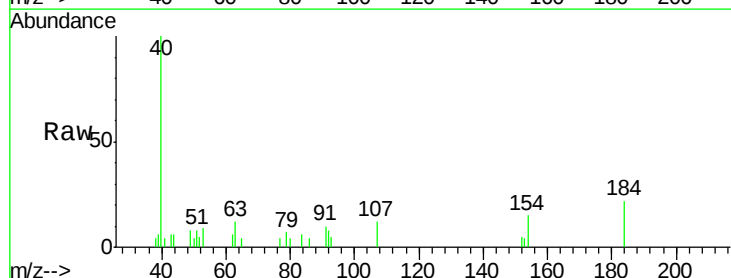
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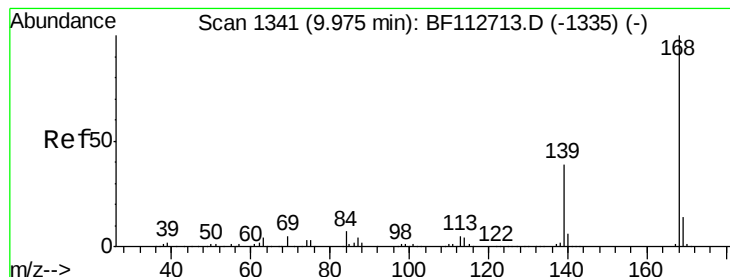
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#54
2,4-Dinitrophenol
Concen: 7.437 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	45.3	67.9
154	69.6	46.0	69.0#





#55

Dibenzofuran

Concen: 38.757 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

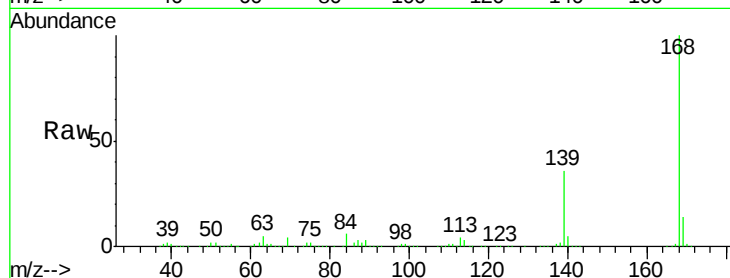
ClientSampleId :

SSTDCCC040

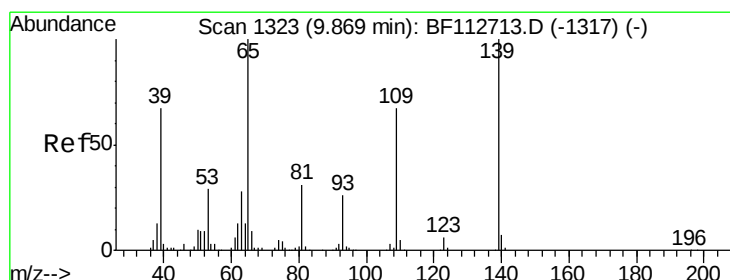
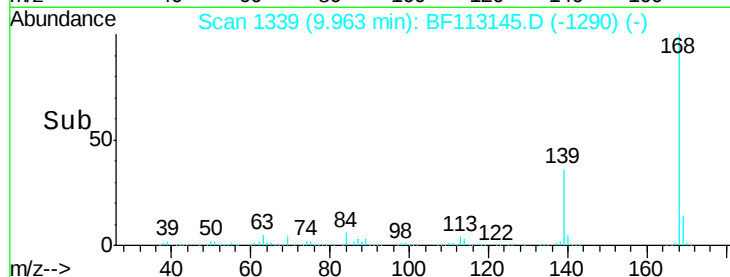
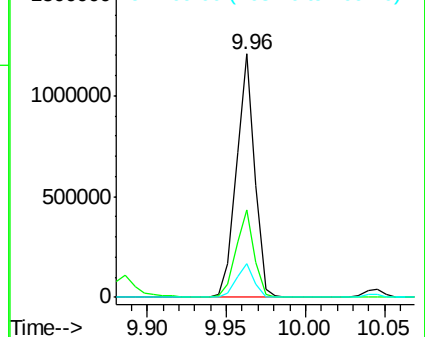
Tgt Ion:	168	Resp:	959945
Ion Ratio	Lower	Upper	
168	100		
139	36.1	31.3	46.9
169	13.6	11.3	16.9

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



#56

4-Nitrophenol

Concen: 26.931 ng

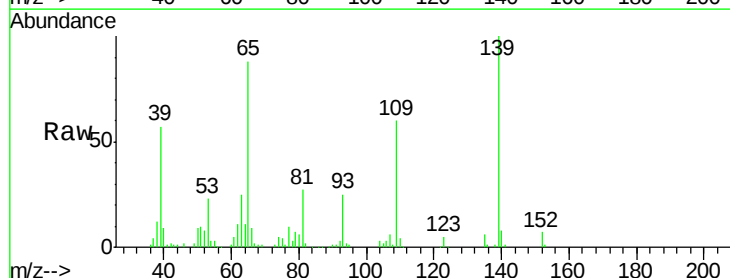
RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

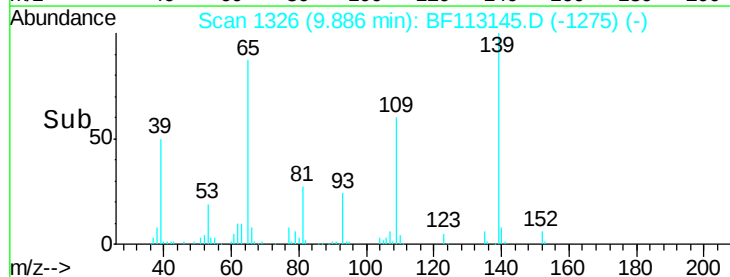
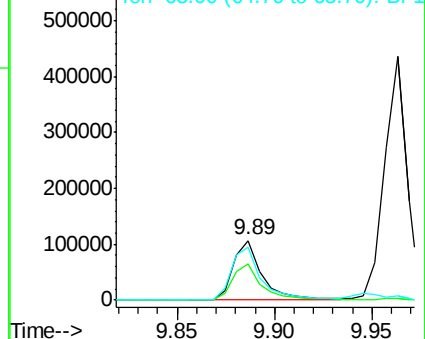
Lab File: BF113145.D

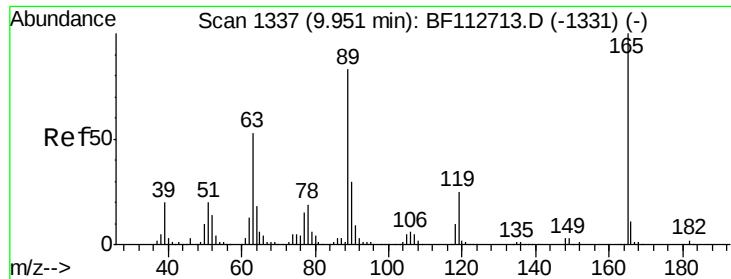
Acq: 20 Mar 2019 00:59

Tgt Ion:	139	Resp:	110369
Ion Ratio	Lower	Upper	
139	100		
109	60.5	46.8	86.8
65	88.4	80.7	120.7



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





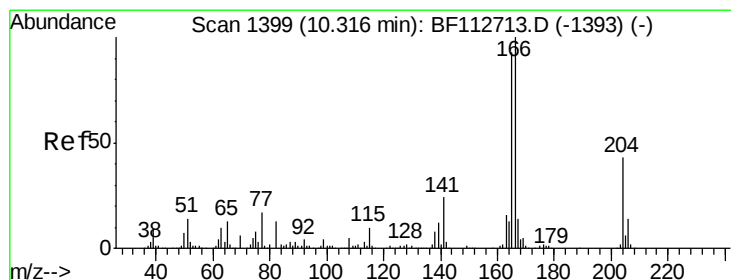
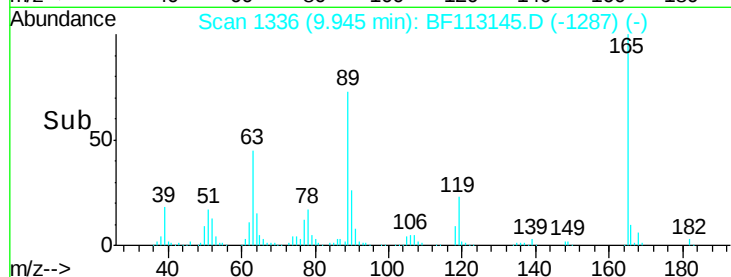
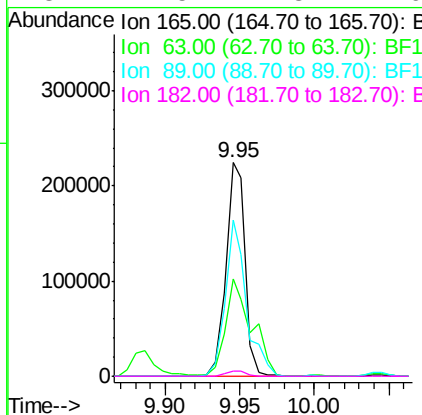
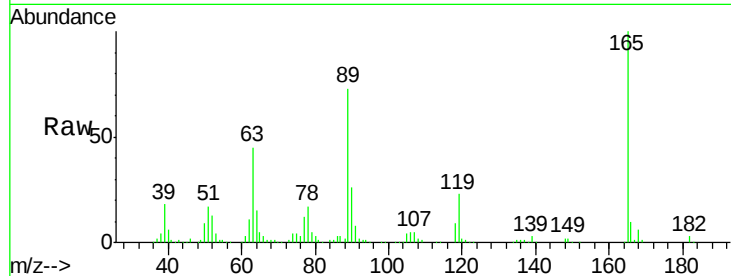
#57
2,4-Dinitrotoluene
Concen: 39.481 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203094		
63	45.4	42.2	63.2	
89	73.1	66.2	99.4	
182	2.5	1.8	2.6	

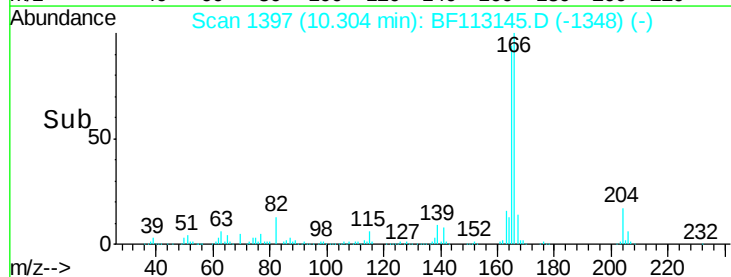
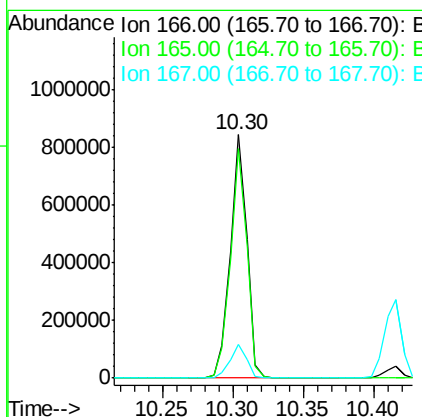
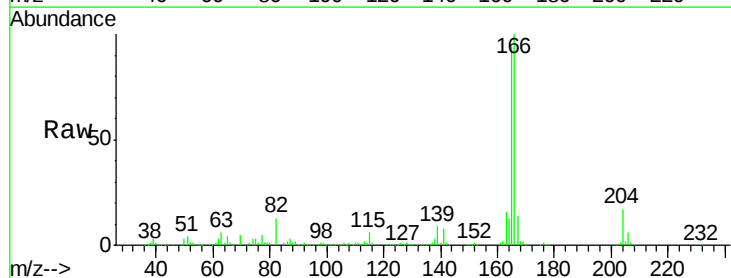
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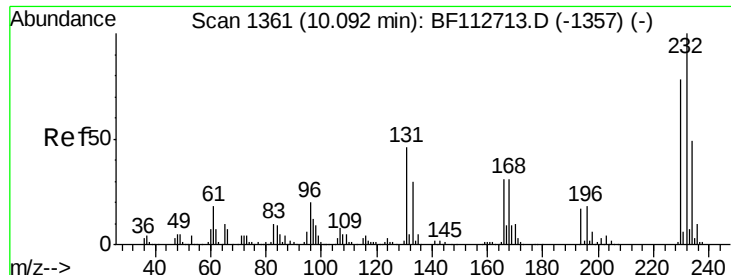
Sohil
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#58
Fluorene
Concen: 39.077 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	686946		
165	94.3	74.7	112.1	
167	13.7	11.0	16.6	





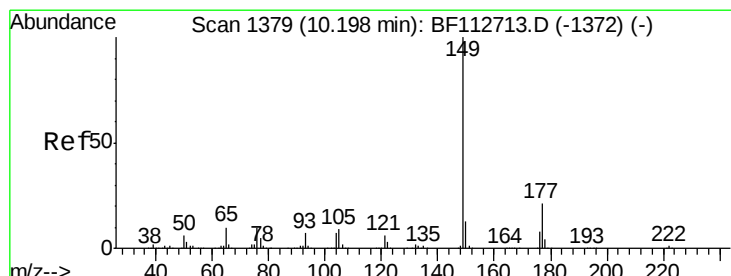
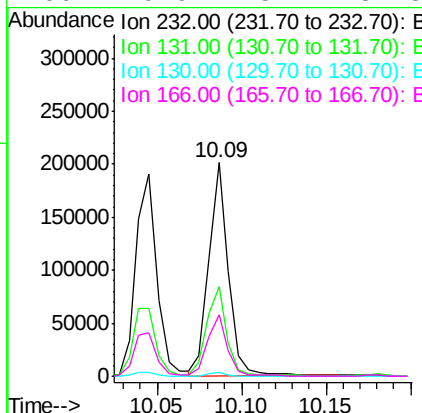
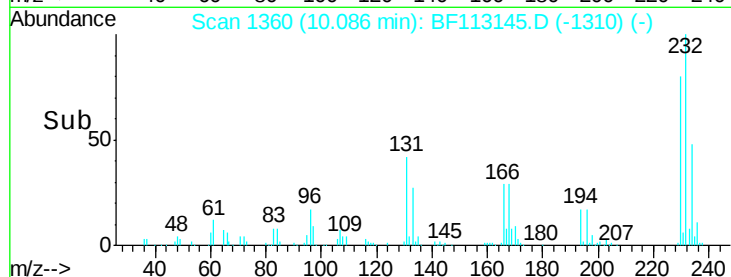
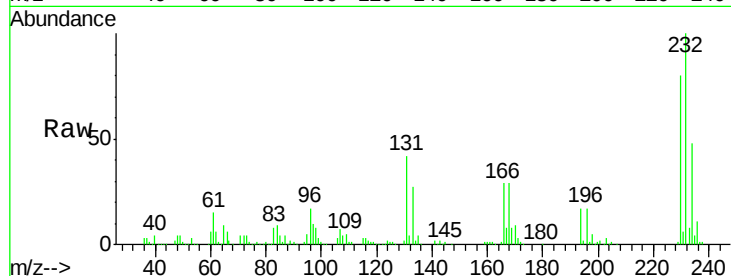
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.678 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.7	38.7	58.1
130	1.9	1.9	2.9
166	29.9	25.2	37.8

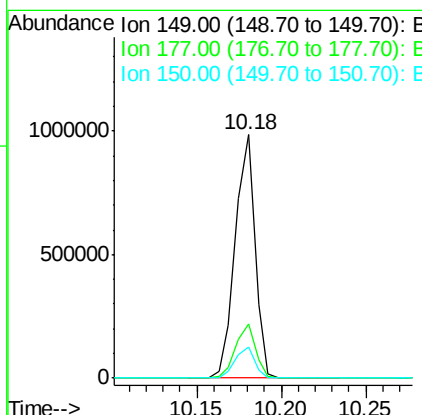
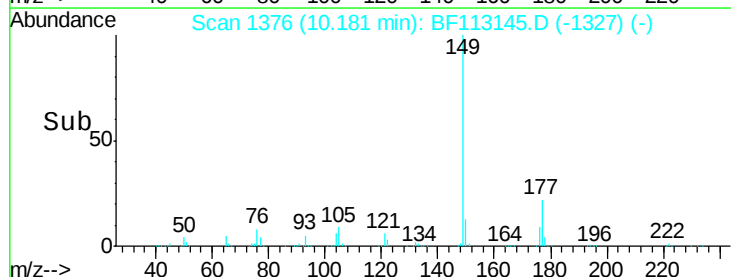
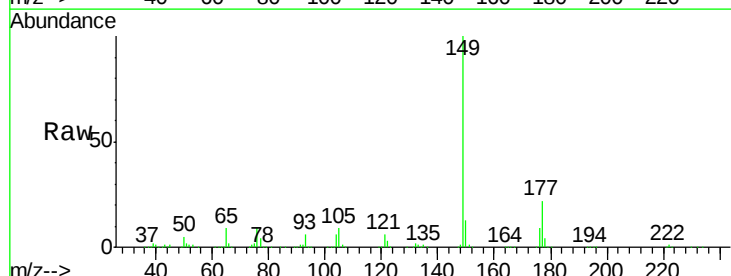
Manual Integrations
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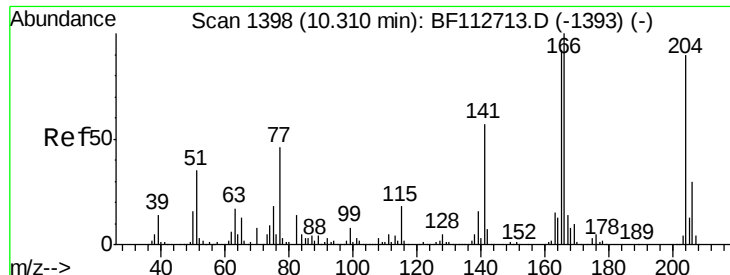
Sohil
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#60
 Diethylphthalate
 Concen: 38.285 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.0	25.6
150	12.6	10.0	15.0





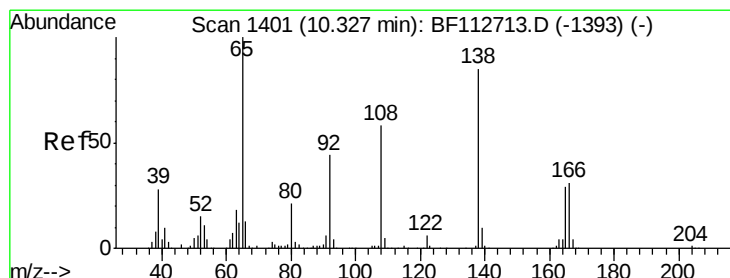
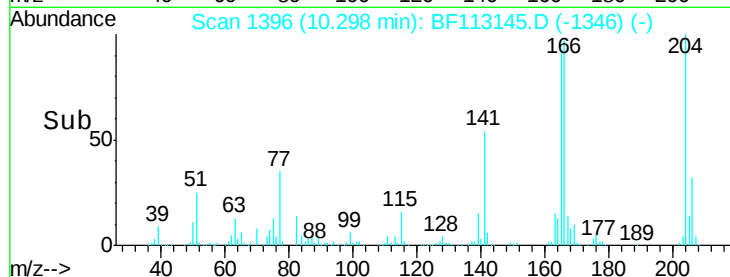
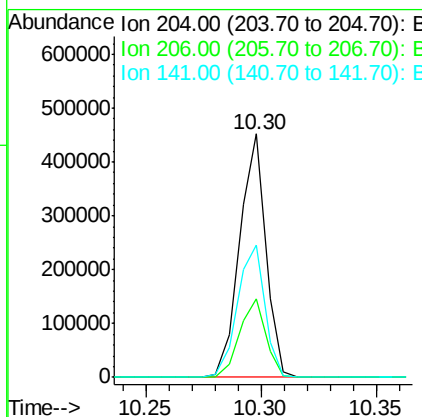
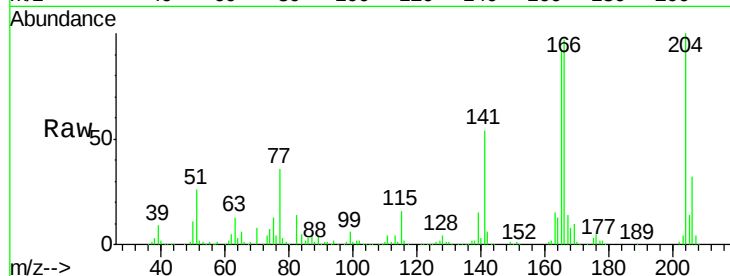
#61
 4-Chlorophenyl-phenylether
 Concen: 43.823 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	40.0
141	54.3	50.8	76.2

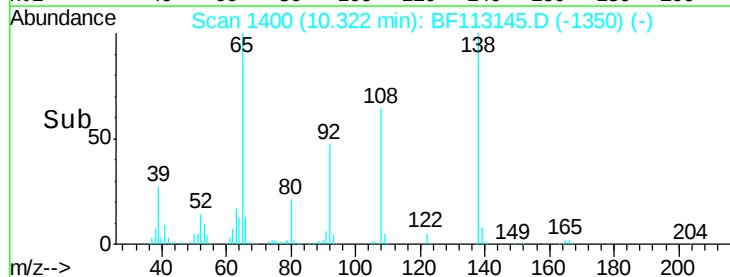
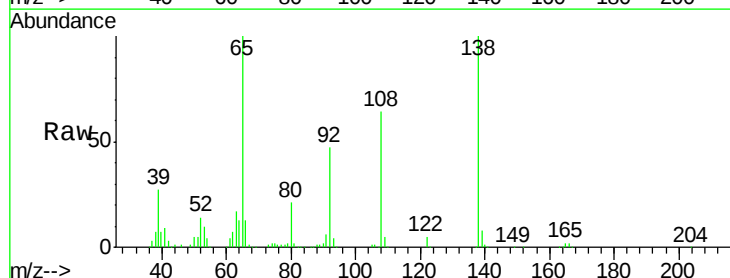
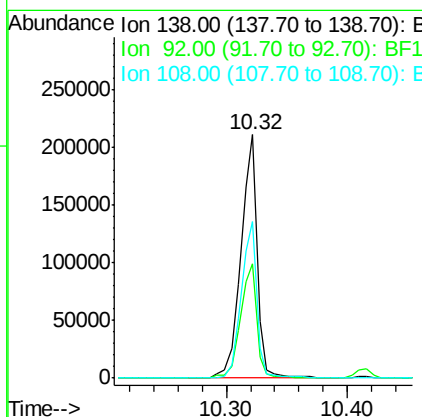
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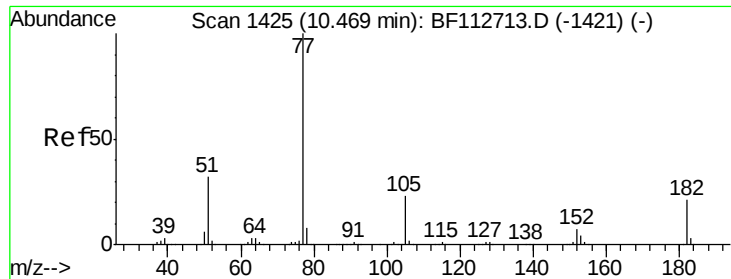
Sohil
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#62
 4-Nitroaniline
 Concen: 42.446 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	31.3	71.3
108	64.3	48.1	88.1





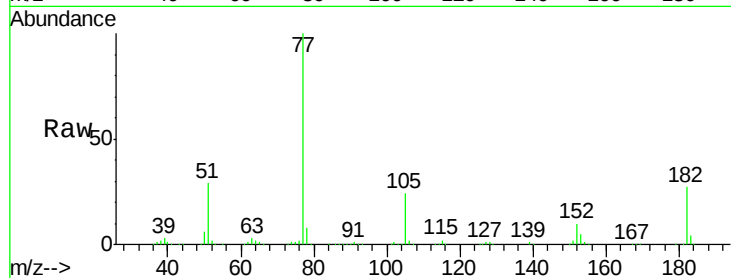
#63
Azobenzene
Concen: 32.878 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

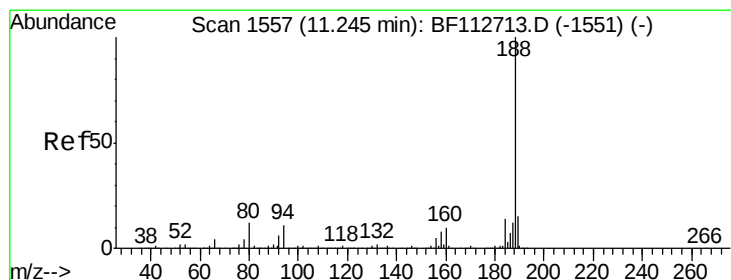
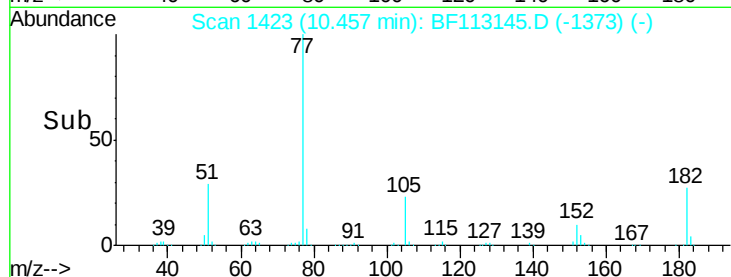
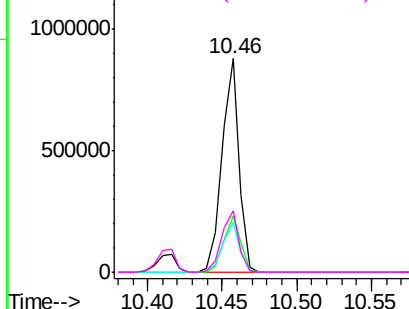
Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	1.4	41.4
105	23.6	2.6	42.6
51	28.6	12.0	52.0

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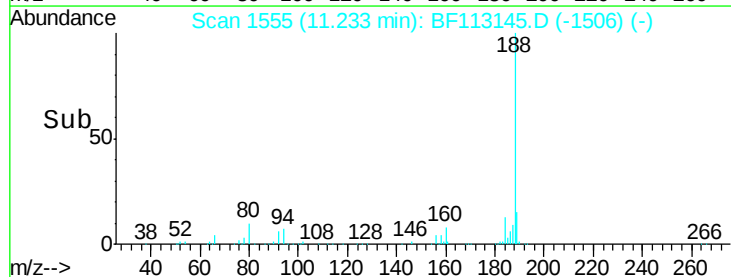
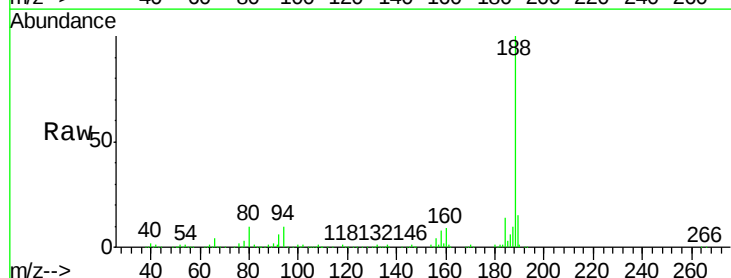
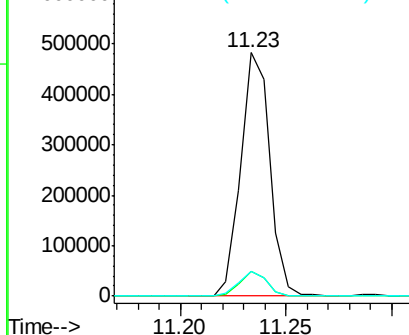
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

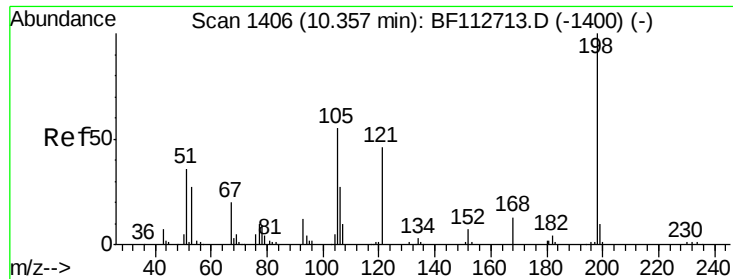


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.2	9.2	13.8

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





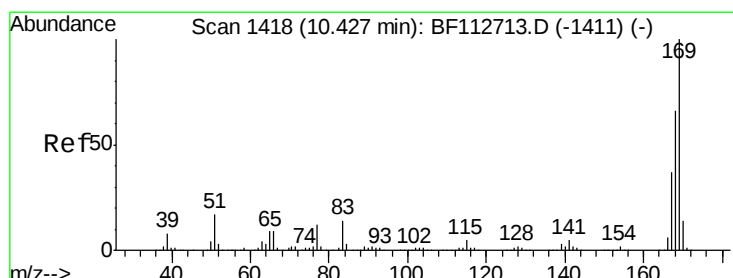
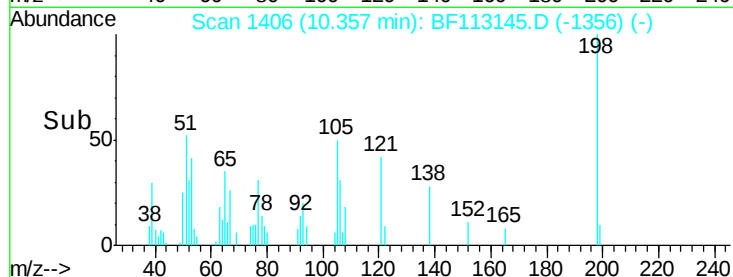
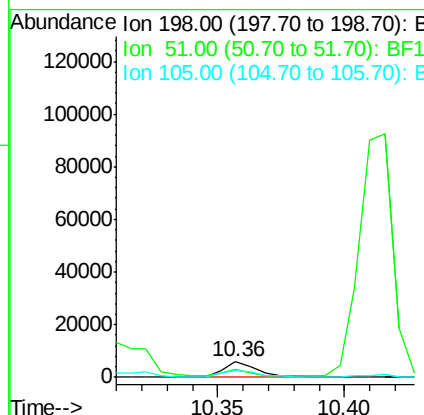
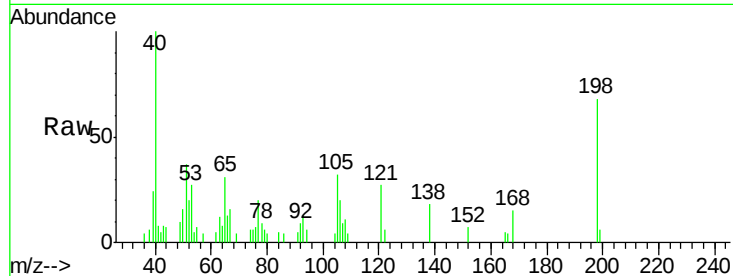
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.207 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.8	43.8	83.8
105	47.4	36.5	76.5

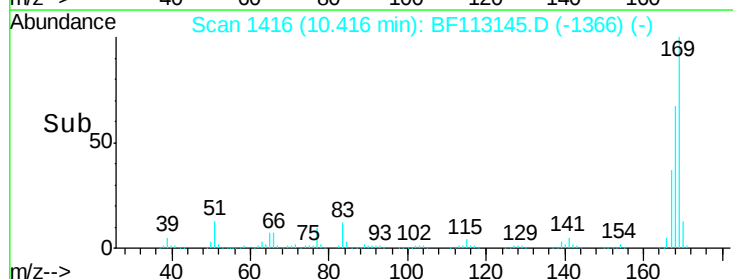
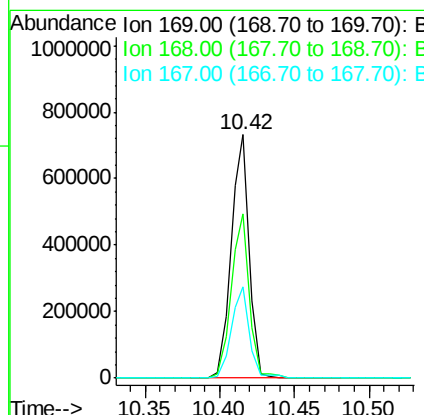
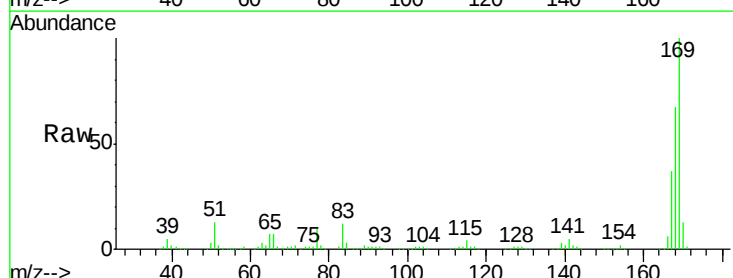
Manual Integrations
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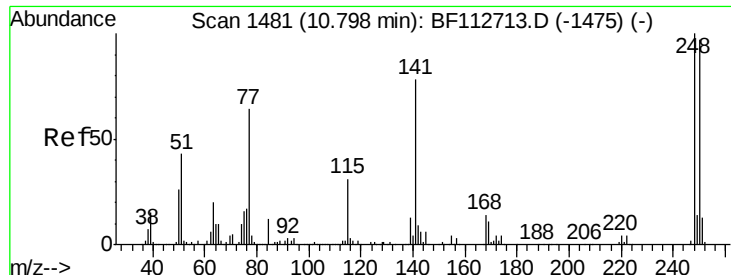
Sohil
 3/20/2019 6:51:28 PM



#66
 n-Nitrosodiphenylamine
 Concen: 42.462 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.0	79.6
167	37.4	29.3	43.9





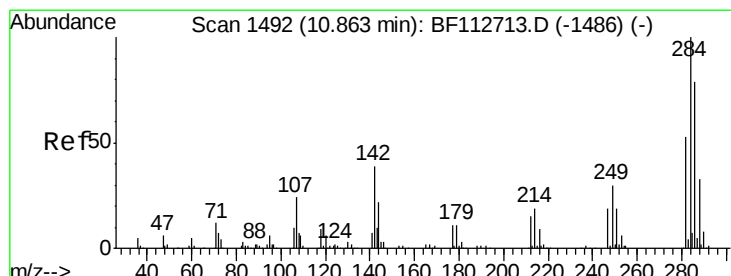
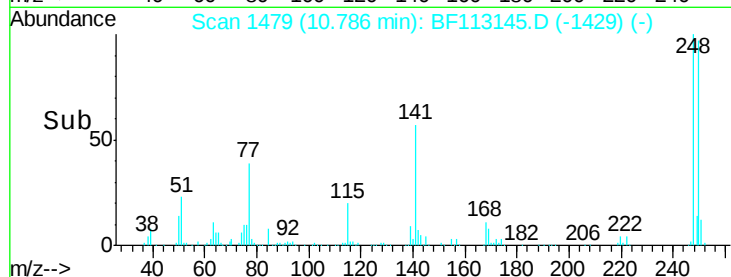
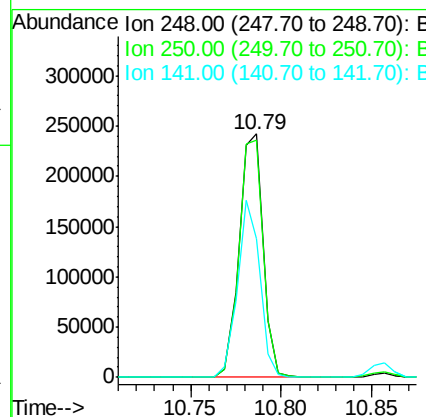
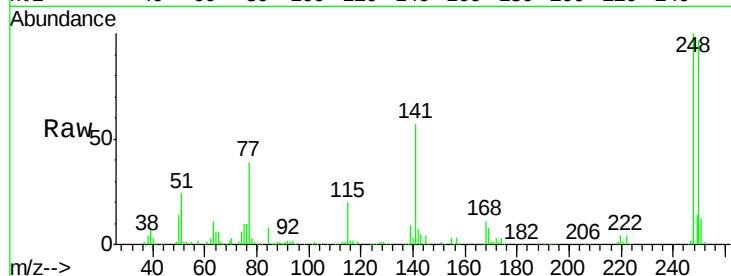
#67
 4-Bromophenyl-phenylether
 Concen: 45.925 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.5	116.3
141	57.1	62.4	93.6

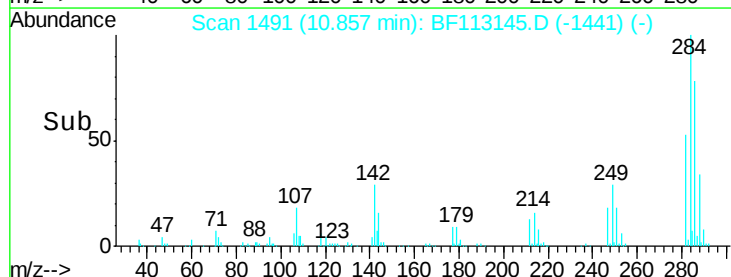
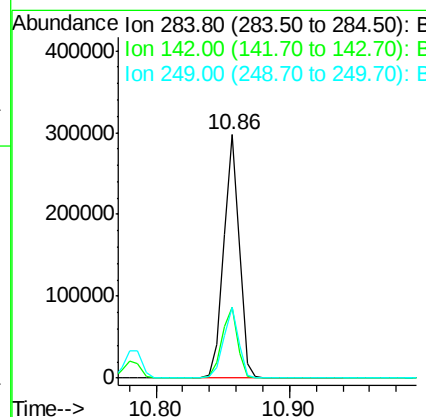
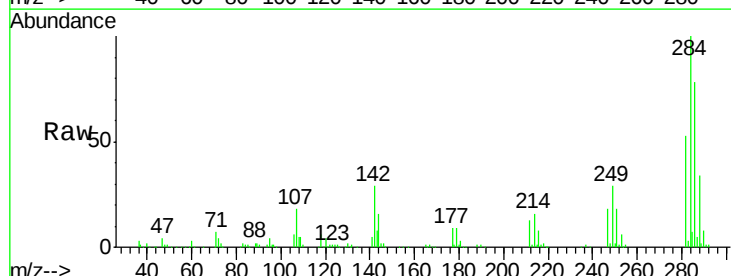
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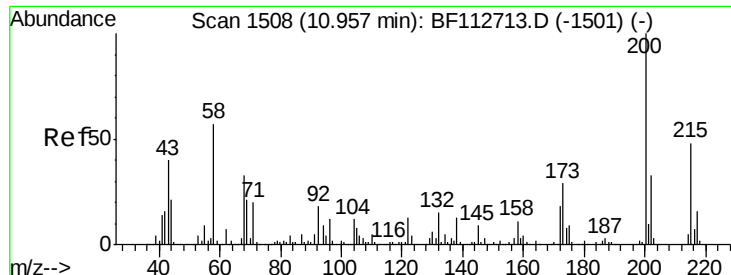
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#68
 Hexachlorobenzene
 Concen: 45.317 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	31.0	46.6
249	29.0	23.6	35.4





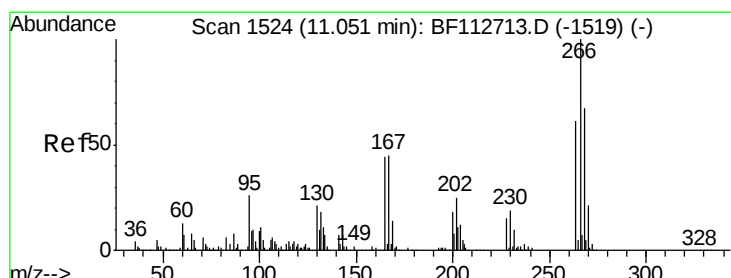
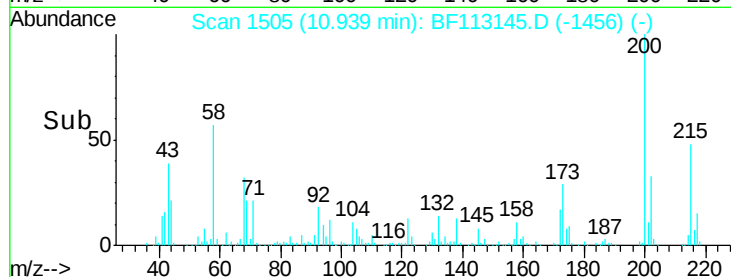
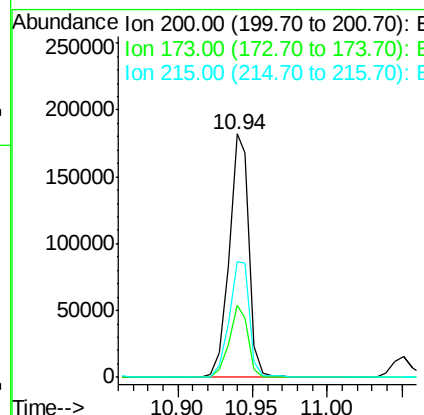
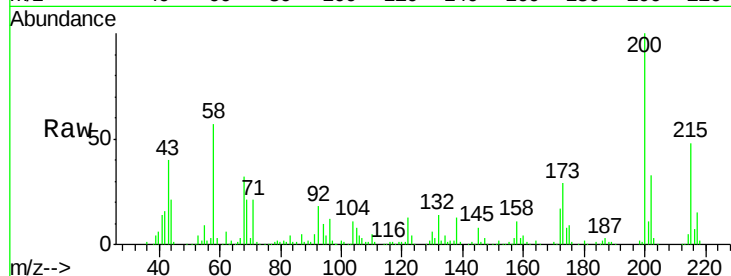
#69
 Atrazine
 Concen: 37.860 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.4	9.1	49.1
215	47.7	28.2	68.2

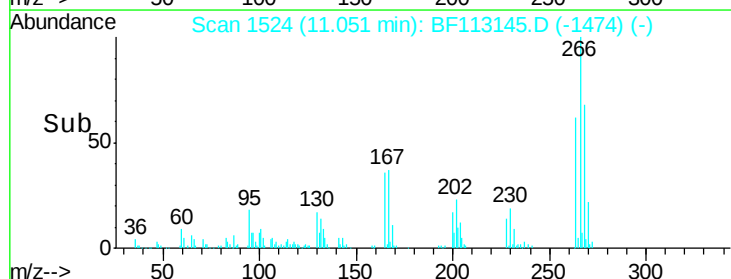
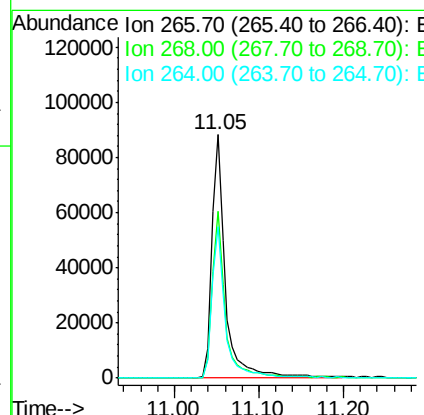
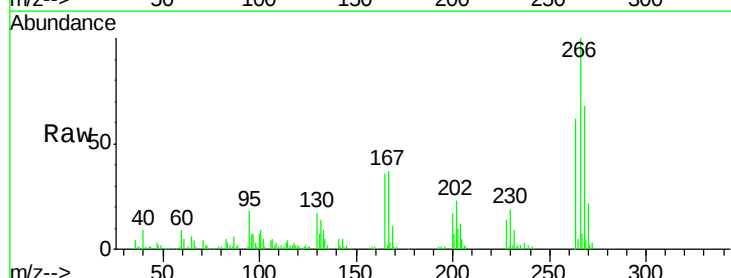
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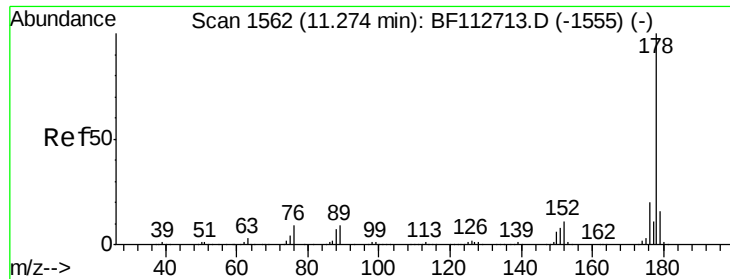
Sohil
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#70
 Pentachlorophenol
 Concen: 30.997 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.4	53.3	79.9
264	62.4	48.9	73.3





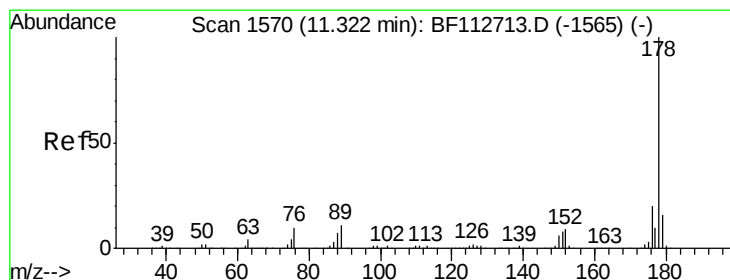
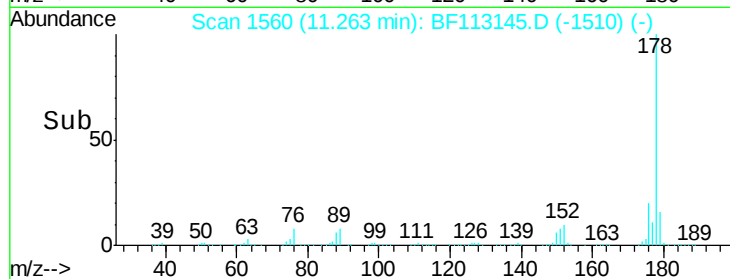
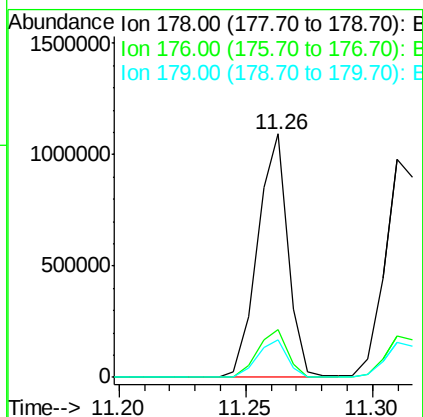
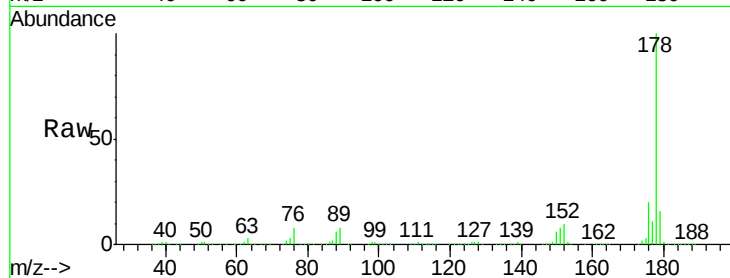
#71
 Phenanthrene
 Concen: 39.940 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.3	24.5
179	15.5	12.7	19.1

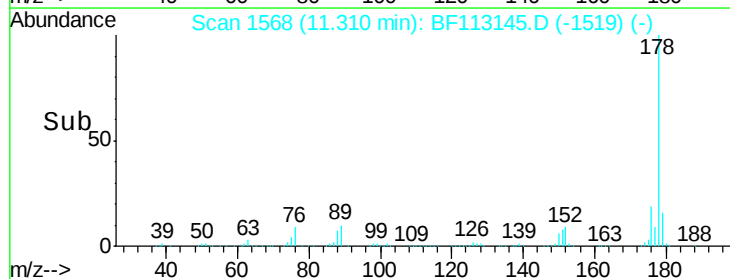
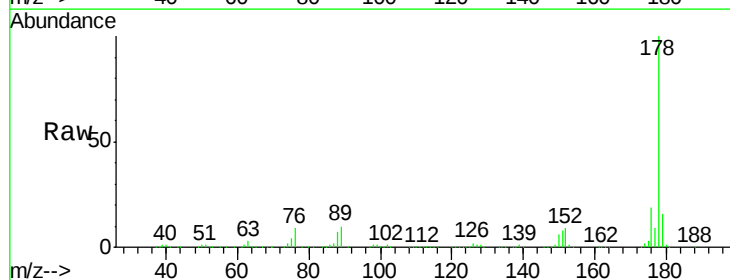
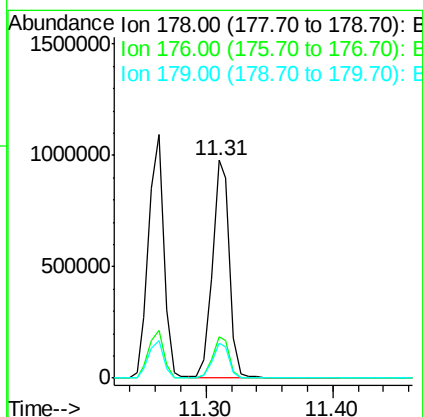
Manual Integrations
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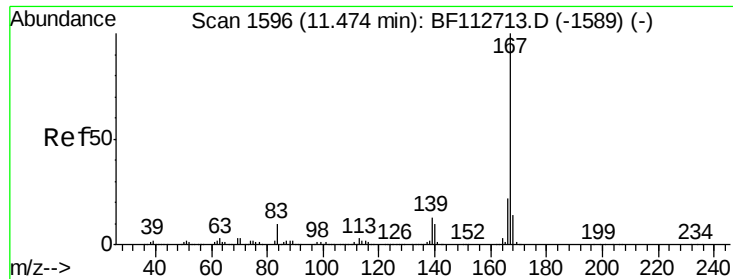
Sohil
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#72
 Anthracene
 Concen: 38.951 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.9	13.0	19.6





#73

Carbazole

Concen: 36.504 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

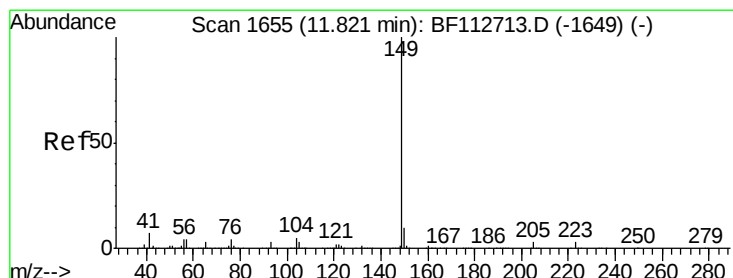
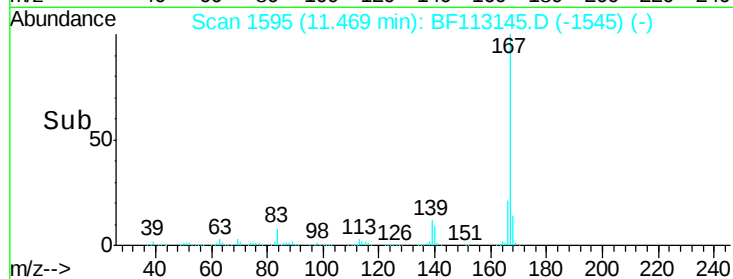
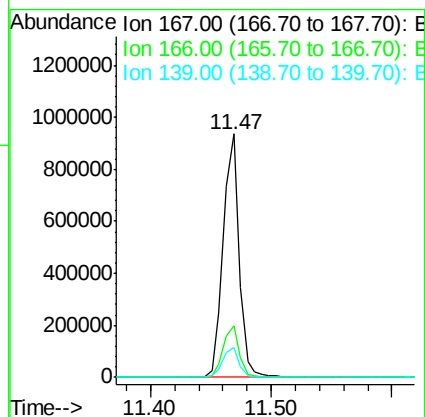
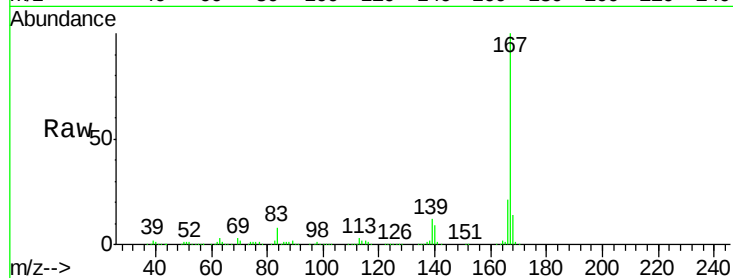
ClientSampleId :

SSTDCCC040

Tgt Ion:	167	Resp:	852242
Ion Ratio	Lower	Upper	
167	100		
166	21.4	17.5	26.3
139	12.3	10.8	16.2

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 40.252 ng

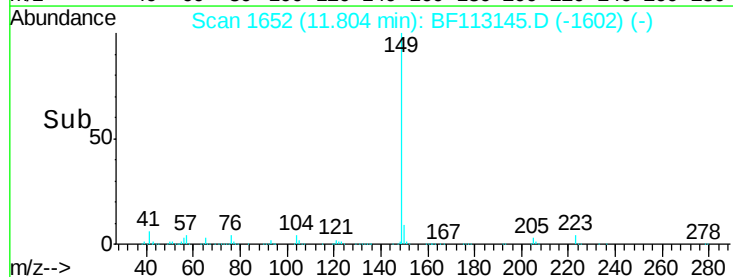
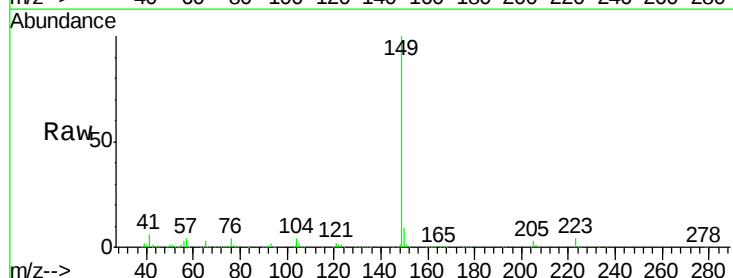
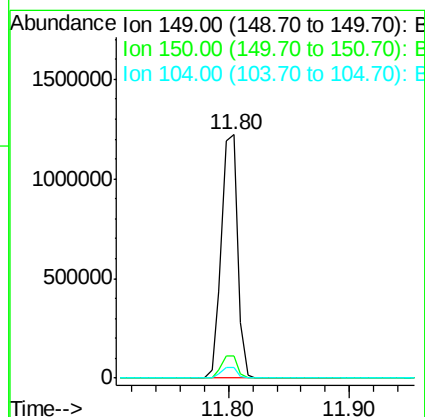
RT: 11.80 min Scan# 1652

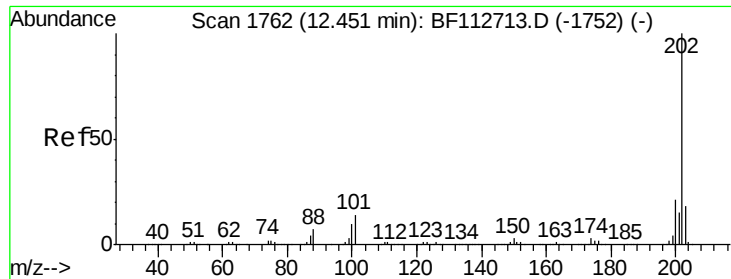
Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	149	Resp:	1126787
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 38.019 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

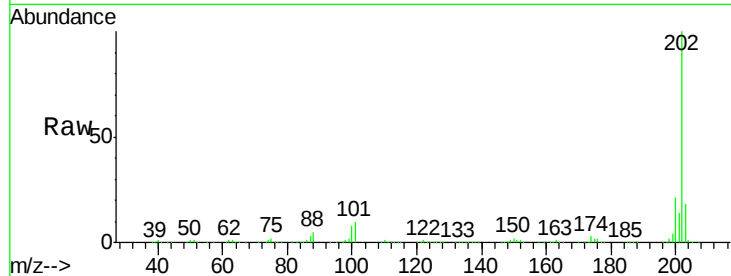
ClientSampled :

SSTDCCC040

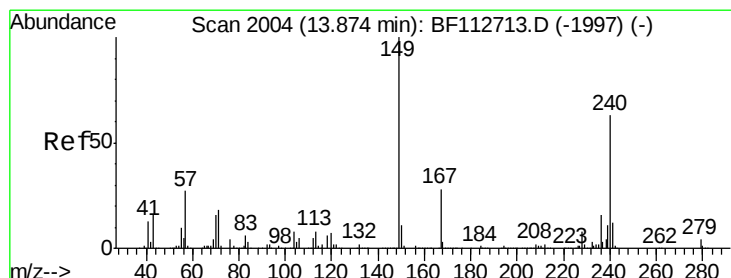
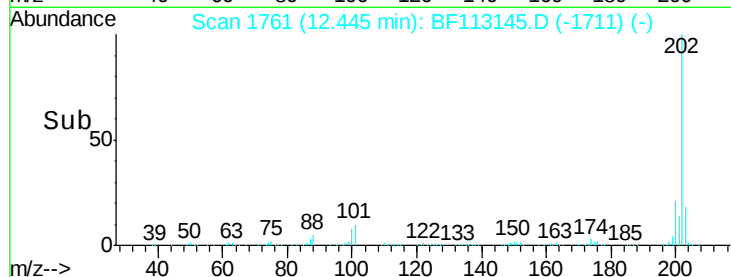
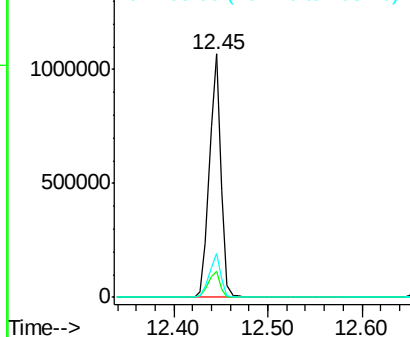
Tgt	Ion	202	Resp:	931268
Ion	Ratio	Lower	Upper	
202	100			
101	10.5	0.0	33.8	
203	17.9	0.0	38.4	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

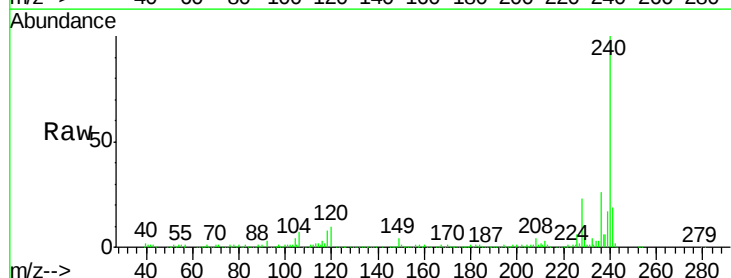
RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

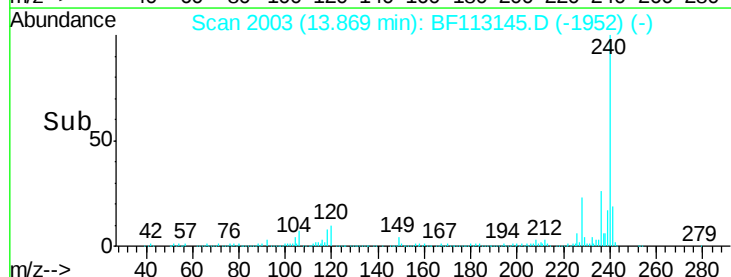
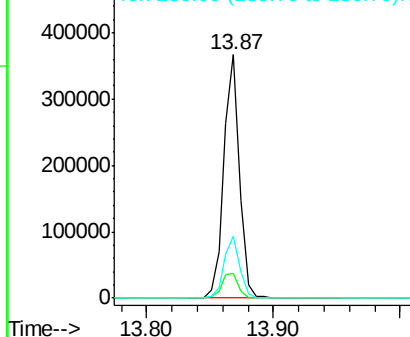
Lab File: BF113145.D

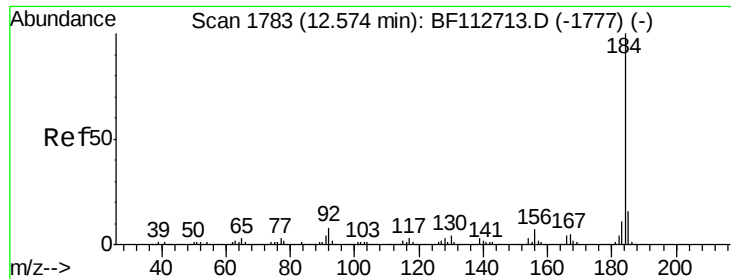
Acq: 20 Mar 2019 00:59

Tgt	Ion	240	Resp:	314448
Ion	Ratio	Lower	Upper	
240	100			
120	10.0	8.9	13.3	
236	25.6	20.7	31.1	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





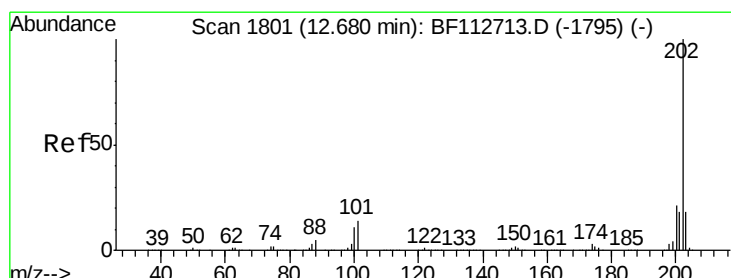
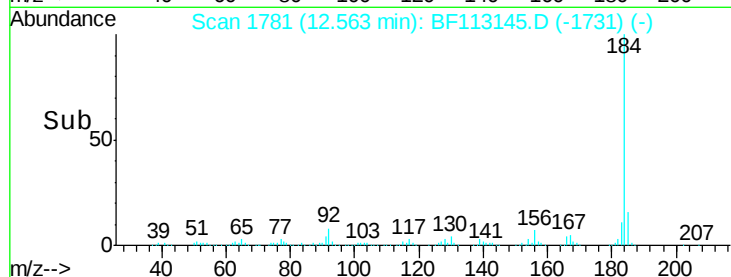
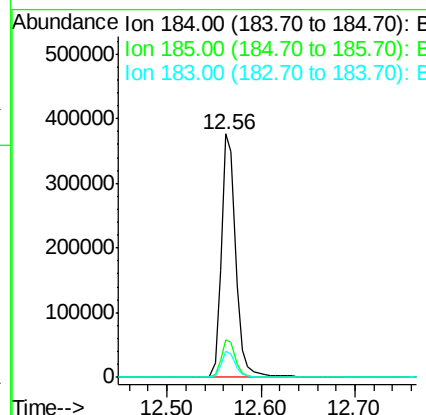
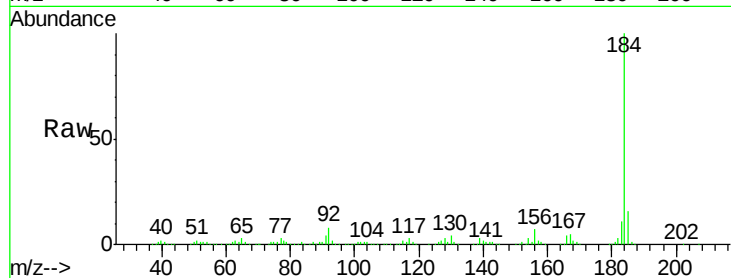
#77
Benzidine
Concen: 24.950 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.6	18.8
183	10.7	8.6	12.8

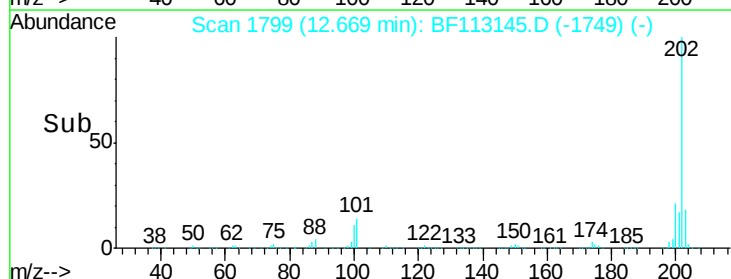
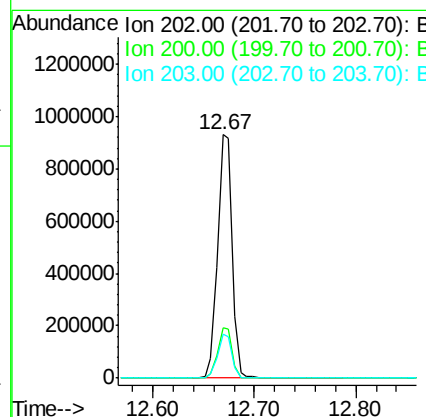
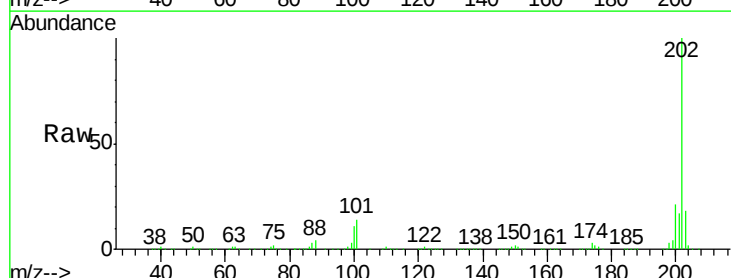
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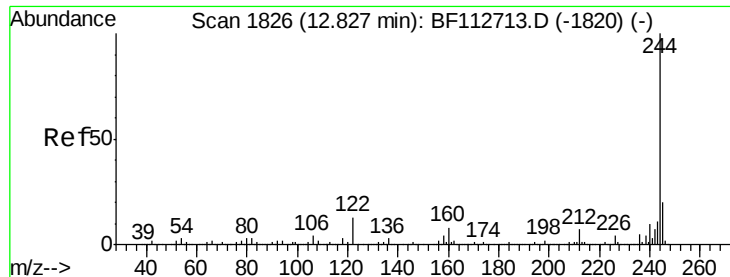
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#78
Pyrene
Concen: 35.132 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.9	14.4	21.6





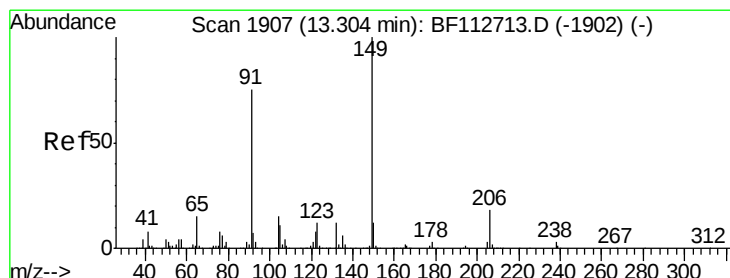
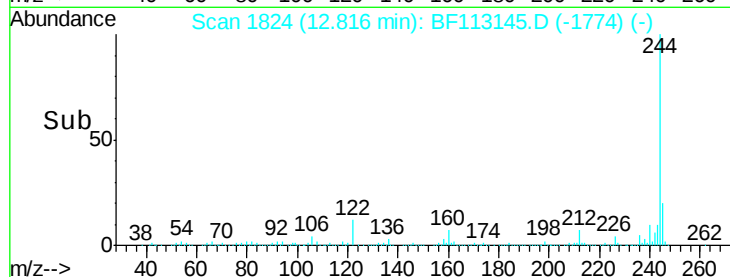
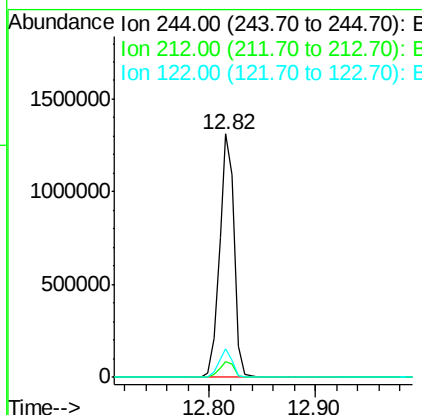
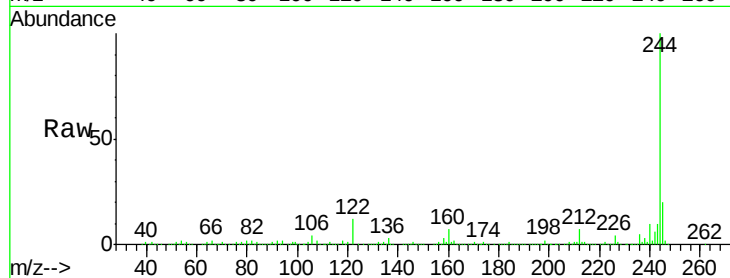
#79
 Terphenyl-d14
 Concen: 78.162 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.6	10.5	15.7

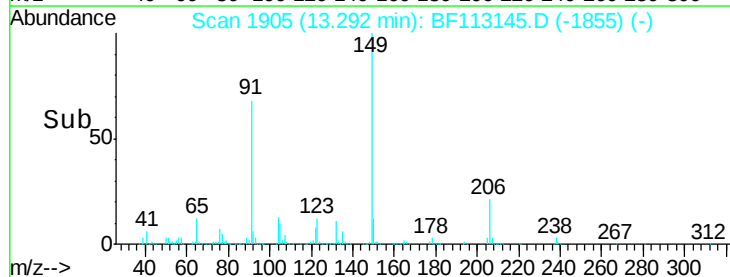
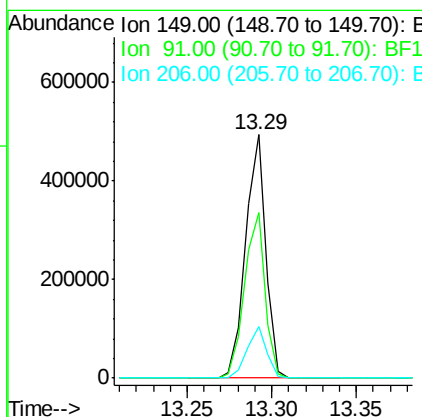
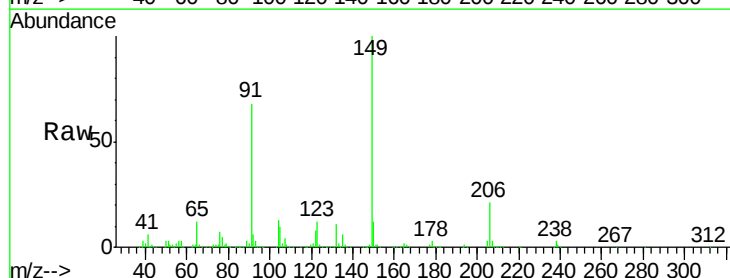
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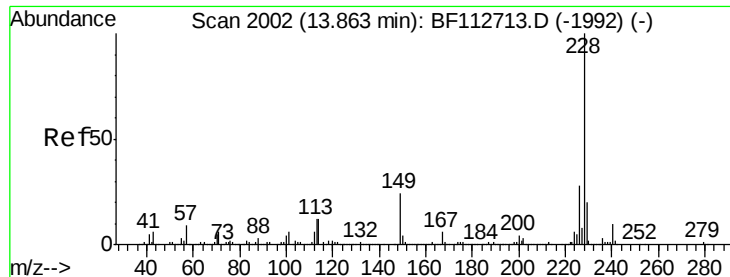
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#80
 Butylbenzylphthalate
 Concen: 35.456 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF113145.D
 Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	59.9	89.9
206	21.1	14.7	22.1





#81

Benzo(a)anthracene

Concen: 33.463 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Instrument :

BNA_F

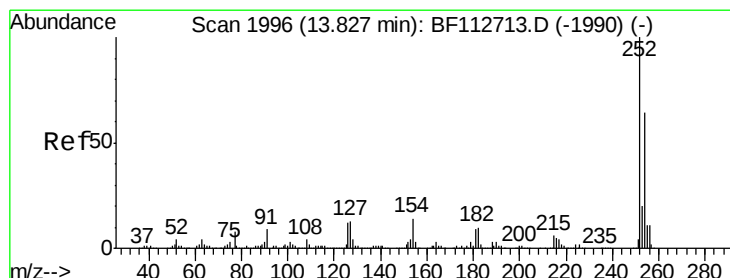
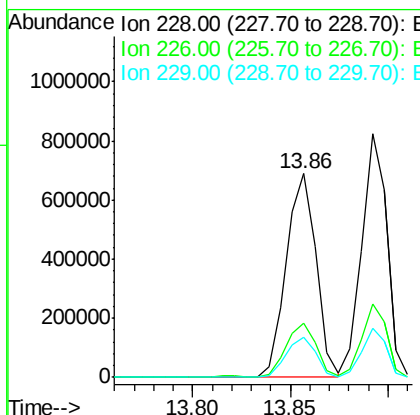
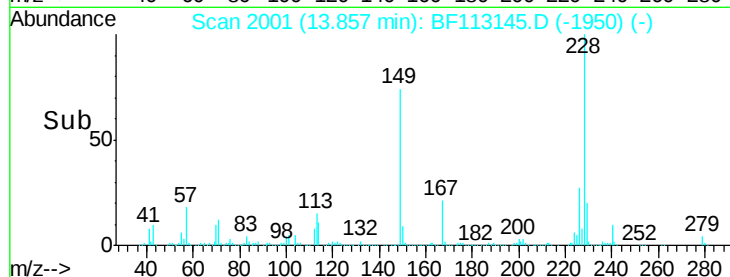
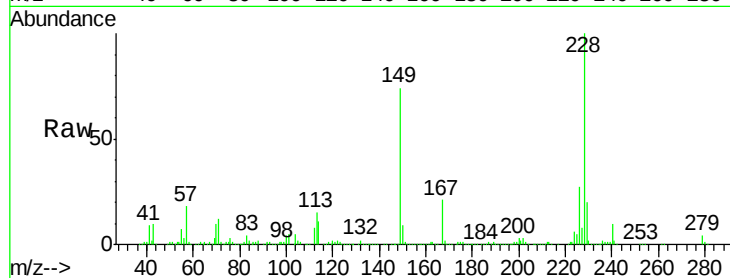
ClientSampleId :

SSTDCCC040

Tgt Ion:	228	Resp:	729266
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.2	33.4
229	20.0	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 37.368 ng

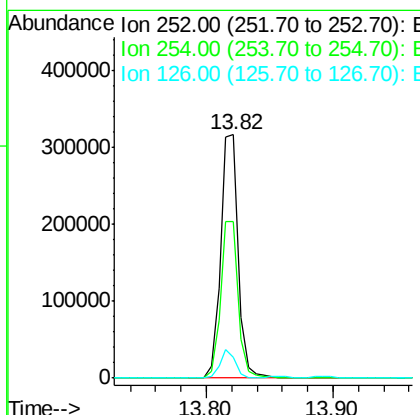
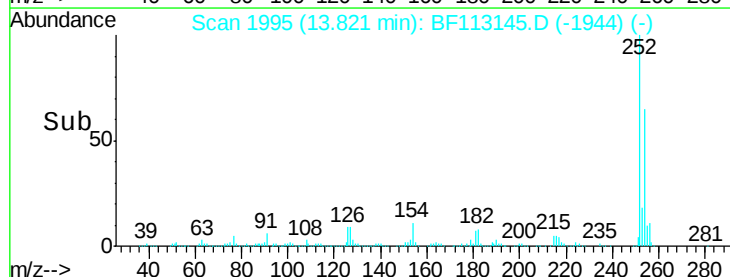
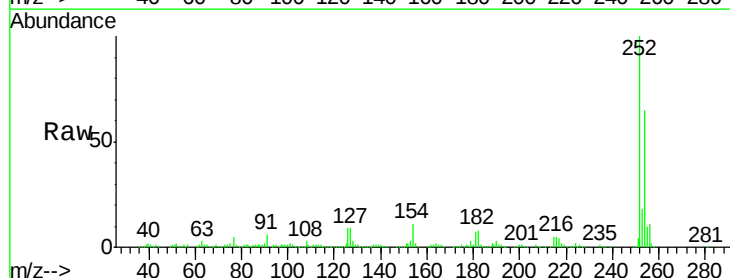
RT: 13.82 min Scan# 1995

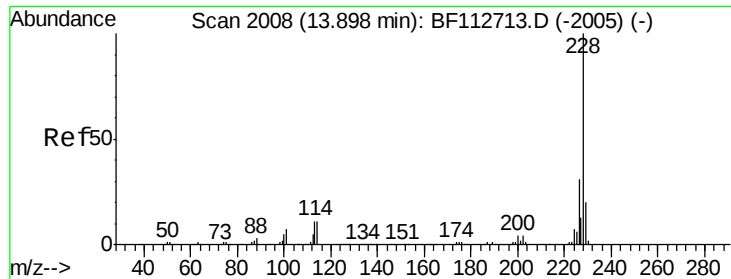
Delta R.T. -0.00 min

Lab File: BF113145.D

Acq: 20 Mar 2019 00:59

Tgt Ion:	252	Resp:	308002
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.1	76.7
126	8.8	9.9	14.9#





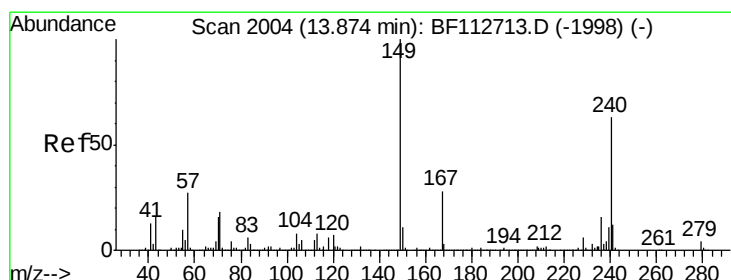
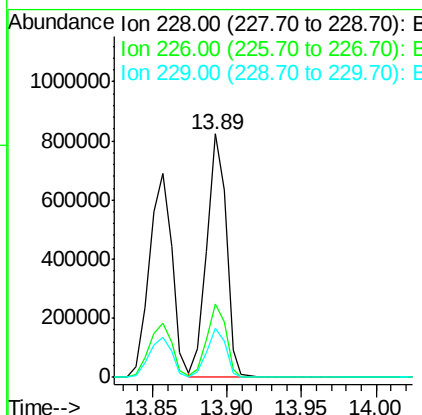
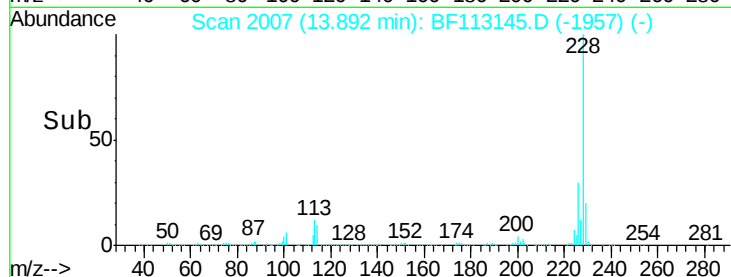
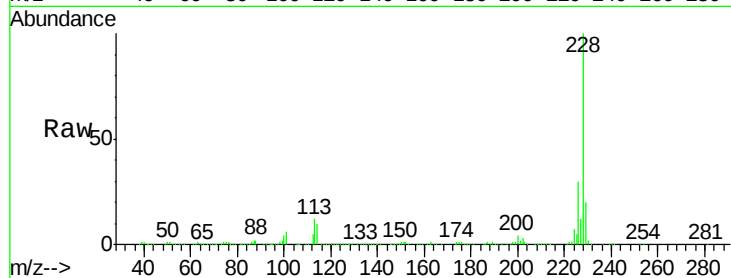
#83
Chrysene
Concen: 34.634 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	20.1	16.3	24.5

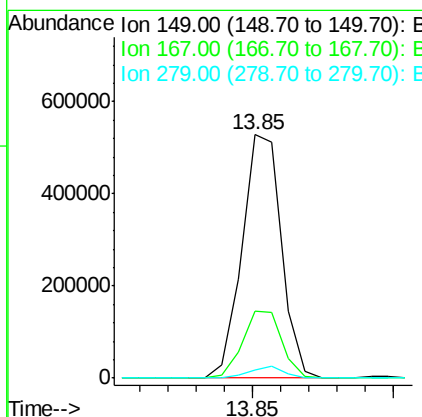
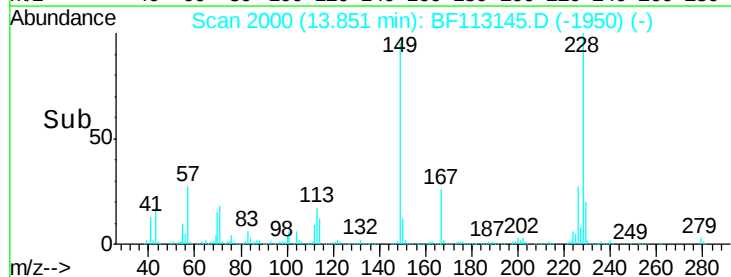
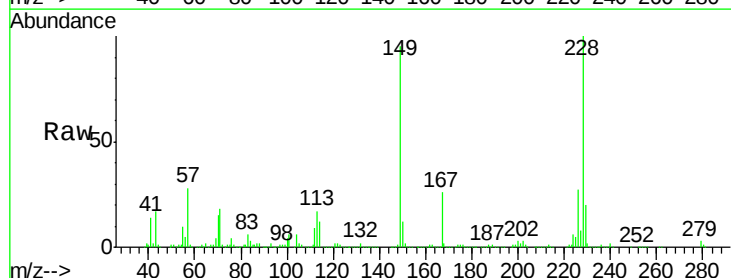
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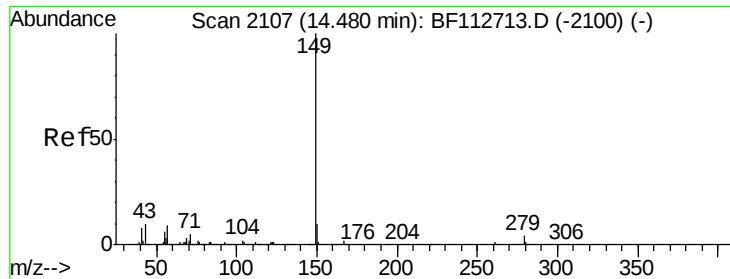
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.162 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	3.6	3.3	4.9





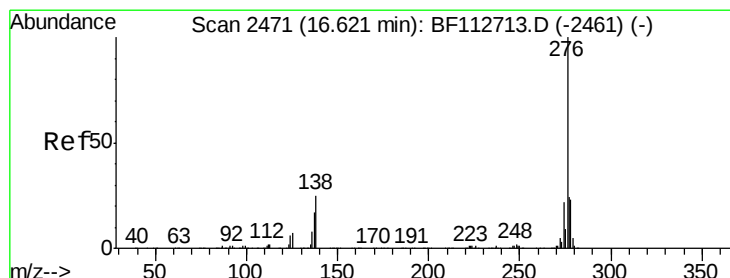
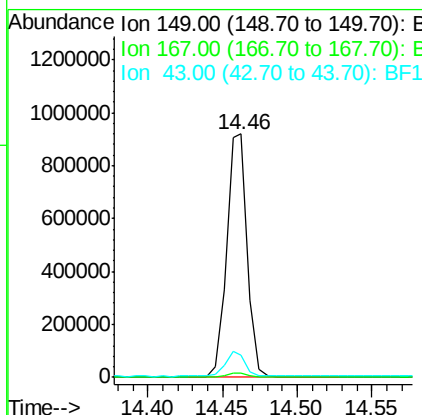
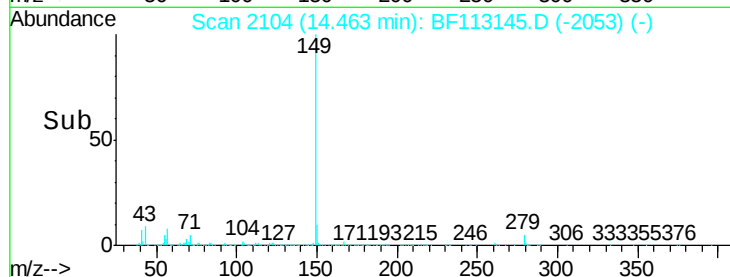
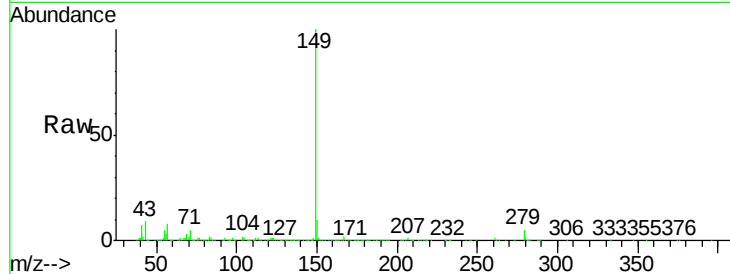
#85
Di-n-octyl phthalate
Concen: 37.798 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	890797		
167	1.8		1.2	1.8
43	9.9		9.0	13.4

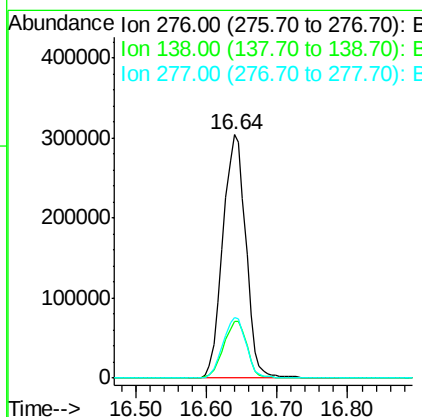
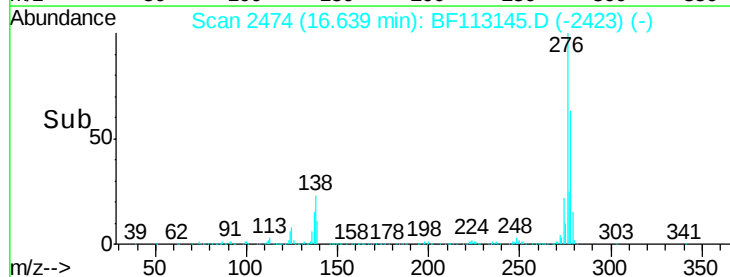
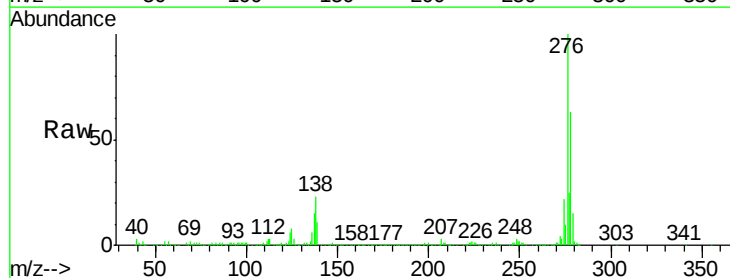
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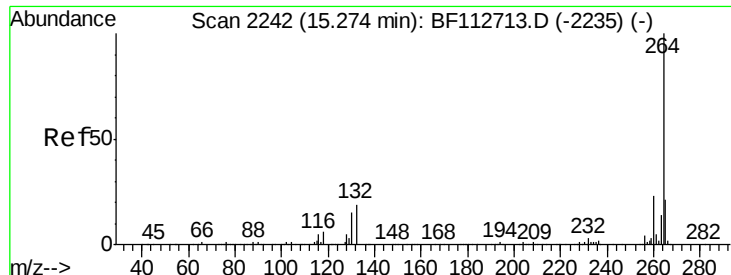
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.017 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	691886		
138	23.5		23.2	34.8
277	25.3		19.9	29.9





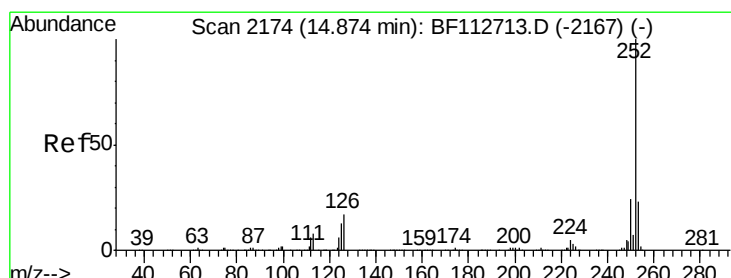
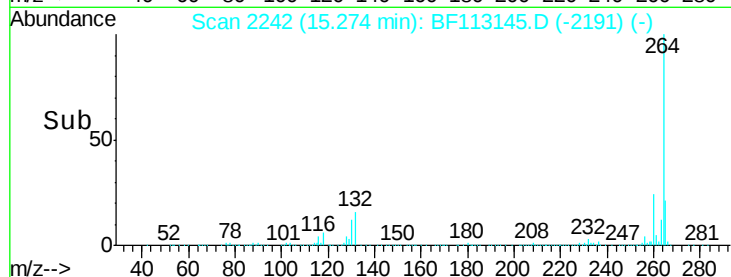
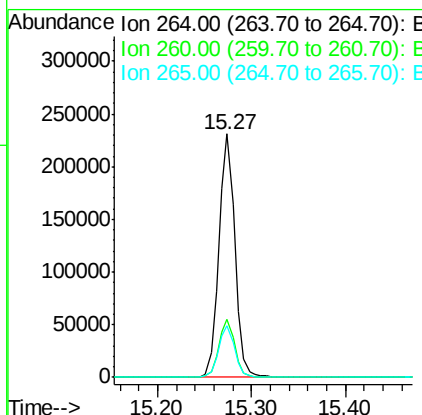
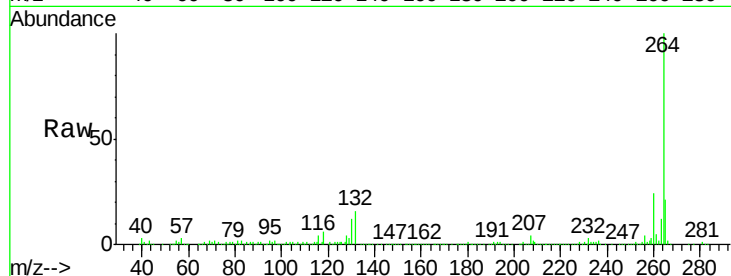
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.1	17.2	25.8

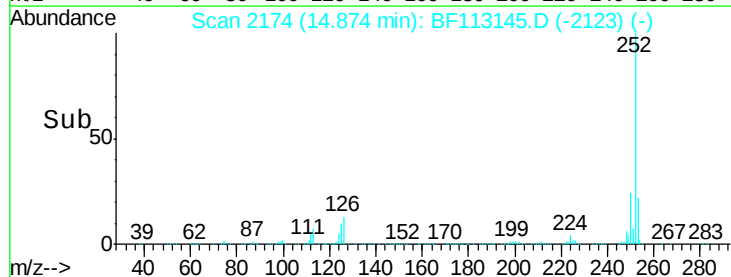
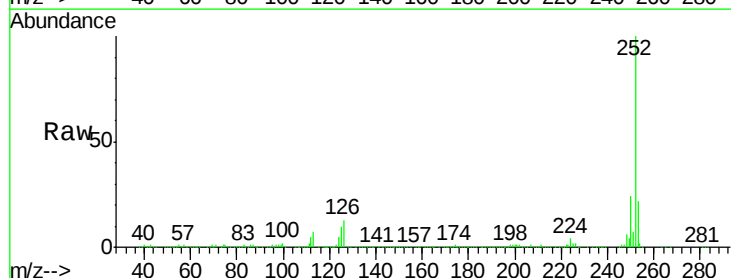
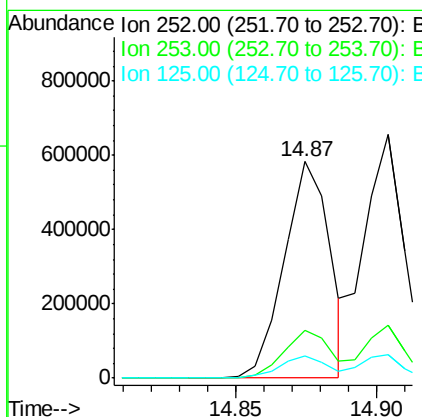
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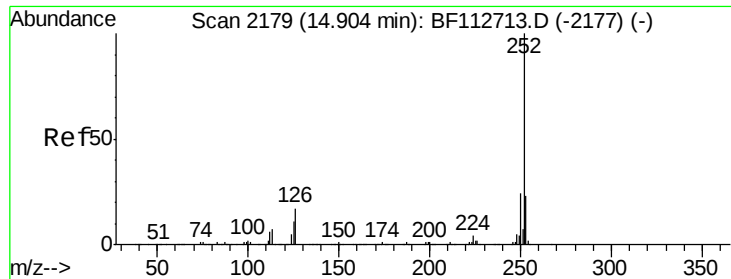
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#88
Benzo(b)fluoranthene
Concen: 36.658 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.2	10.2	15.2





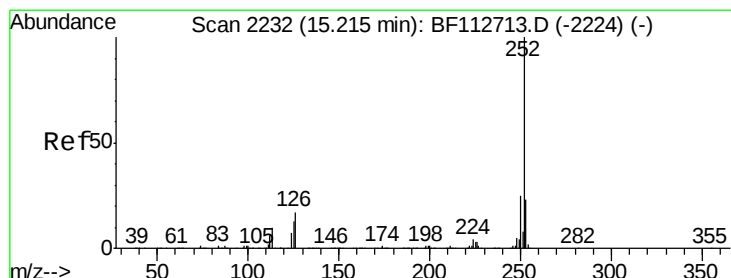
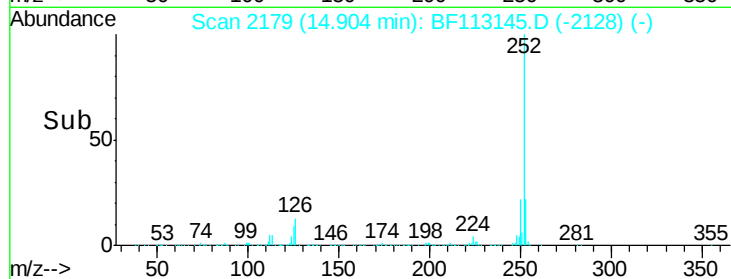
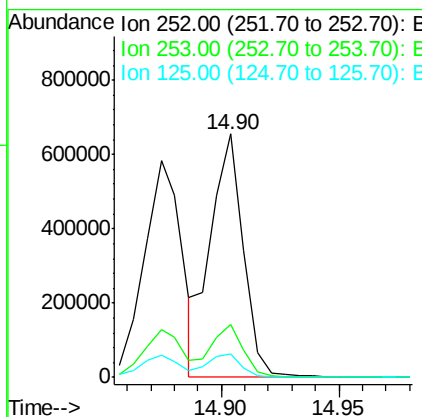
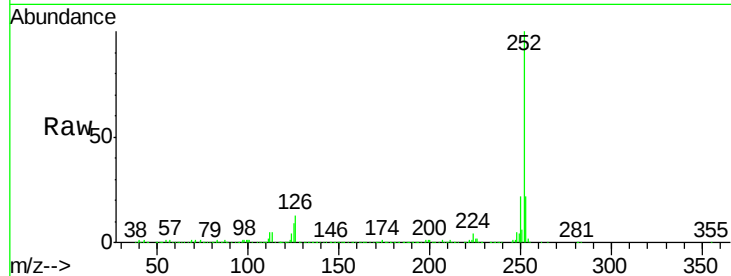
#89
Benzo(k)fluoranthene
Concen: 39.637 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	9.5	9.8	14.6

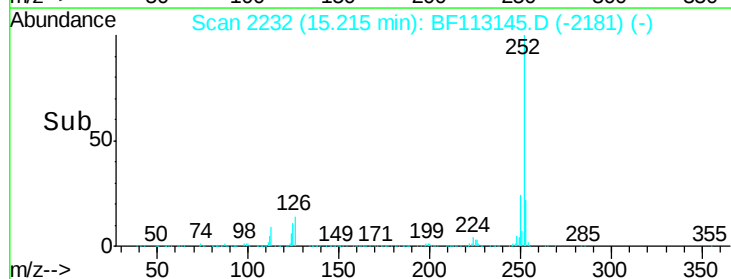
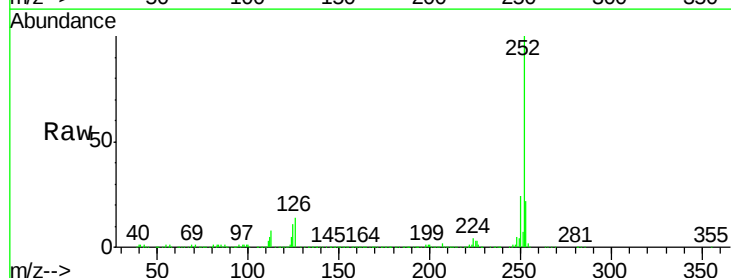
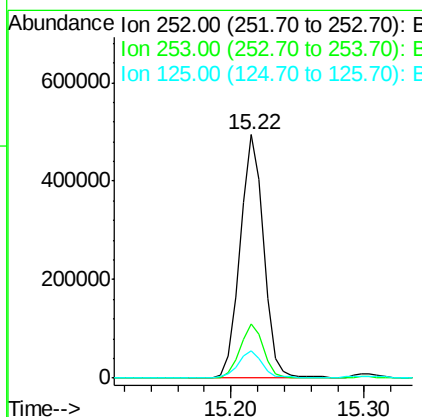
Manual Integrations
APPROVED

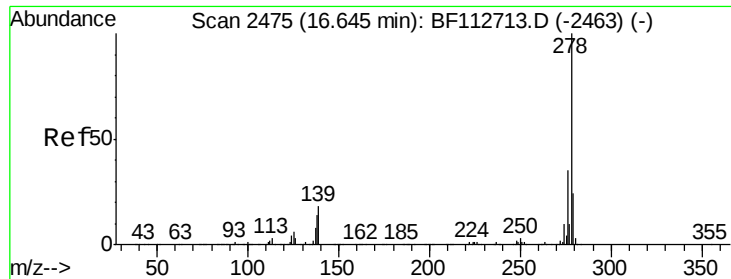
Sohil
3/20/2019 6:51:28 PM



#90
Benzo(a)pyrene
Concen: 38.228 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.1	10.7	16.1





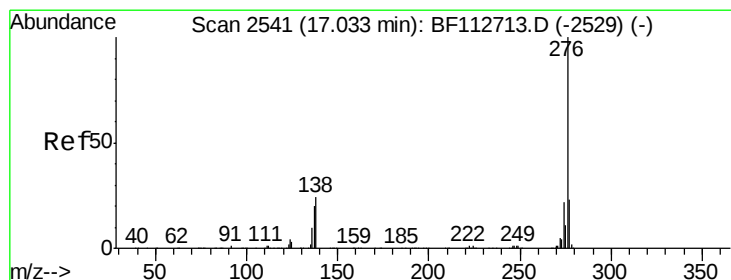
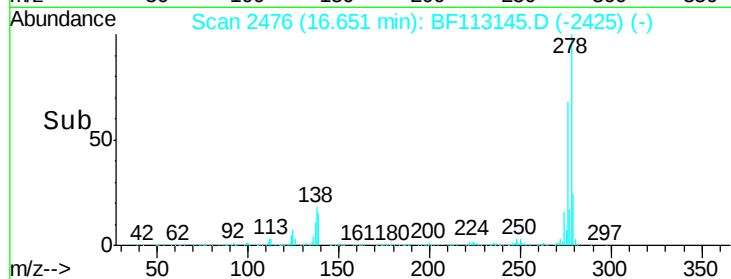
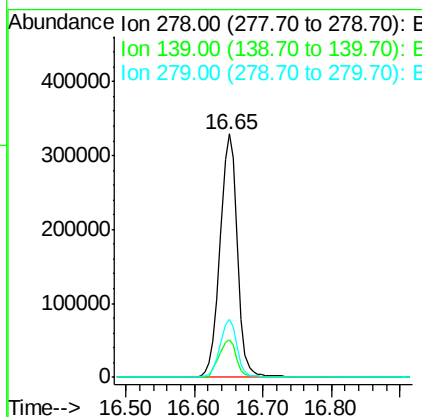
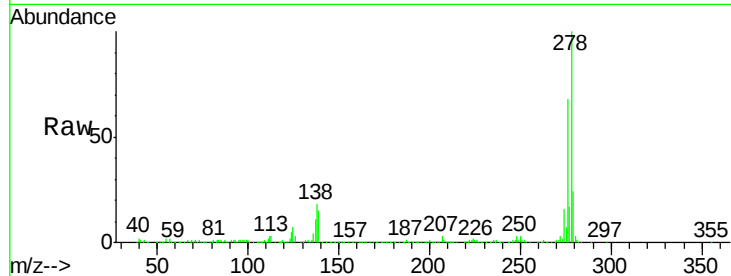
#91
Dibenzo(a,h)anthracene
Concen: 43.059 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	14.3	21.5
279	23.7	19.4	29.0

Manual Integrations
APPROVED

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3/20/2019 6:51:28 PM



#92
Benzo(g,h,i)perylene
Concen: 40.680 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113145.D
Acq: 20 Mar 2019 00:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	20.5	19.4	29.0

