

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030519\
 Data File : BF112848.D
 Acq On : 5 Mar 2019 11:44
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/6/2019 12:24:20 PM

Quant Time: Mar 06 01:57:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	183284	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	746381	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	355504	20.00	ng	0.01
64) Phenanthrene-d10	11.26	188	718847	20.00	ng	0.01
76) Chrysene-d12	13.89	240	457762	20.00	ng	0.01
87) Perylene-d12	15.29	264	390314	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	883872	75.01	ng	0.00
7) Phenol-d6	6.38	99	1116242	75.42	ng	0.01
23) Nitrobenzene-d5	7.31	82	1035926	83.05	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	361878	95.88	ng	0.01
45) 2-Fluorobiphenyl	9.10	172	1822414	84.91	ng	0.00
79) Terphenyl-d14	12.84	244	1940794	82.19	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	204546	34.632	ng	99
3) Pyridine	3.15	79	543637	34.404	ng	98
4) n-Nitrosodimethylamine	3.08	42	243140	35.175	ng	97
6) Aniline	6.41	93	745095	36.572	ng	98
8) 2-Chlorophenol	6.53	128	511972	39.034	ng	95
9) Benzaldehyde	6.29	77	368434	34.547	ng	100
10) Phenol	6.40	94	644176	37.297	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	490934	37.032	ng	95
12) 1,3-Dichlorobenzene	6.69	146	541280	39.949	ng	99
13) 1,4-Dichlorobenzene	6.76	146	545115	40.117	ng	99
14) 1,2-Dichlorobenzene	6.92	146	503090	40.388	ng	98
15) Benzyl Alcohol	6.89	79	442415	39.200	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	815474	36.860	ng	98
17) 2-Methylphenol	7.00	107	410788	38.606	ng	98
18) Hexachloroethane	7.26	117	205657	39.511	ng	93
19) n-Nitroso-di-n-propylamine	7.17	70	349963	37.333	ng	97
20) 3+4-Methylphenols	7.16	107	467809	38.942	ng	# 88
22) Acetophenone	7.16	105	692306	39.668	ng	99
24) Nitrobenzene	7.33	77	547034	39.404	ng	98
25) Isophorone	7.57	82	986502	36.711	ng	99
26) 2-Nitrophenol	7.65	139	280634	48.560	ng	96
27) 2,4-Dimethylphenol	7.69	122	412322	38.350	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	631611	37.594	ng	99
29) 2,4-Dichlorophenol	7.89	162	435865	41.805	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	466411	41.633	ng	98
31) Naphthalene	8.05	128	1443427	38.952	ng	100
32) Benzoic acid	7.82	122	302390	40.128	ng	94
33) 4-Chloroaniline	8.10	127	618431	39.403	ng	99
34) Hexachlorobutadiene	8.17	225	283663	44.897	ng	98
35) Caprolactam	8.47	113	143963m	39.203	ng	
36) 4-Chloro-3-methylphenol	8.58	107	464856	40.287	ng	100
37) 2-Methylnaphthalene	8.75	142	951931	39.779	ng	99
38) 1-Methylnaphthalene	8.84	142	919713	39.675	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	450748	43.480	ng	98

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 BNA_F
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 SSTDC040

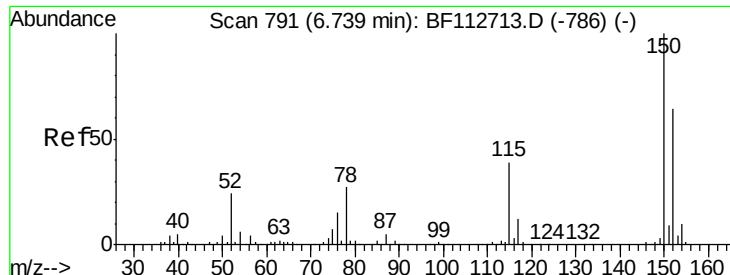
Manual Integrations
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 3/6/2019 12:24:20 PM

Quant Time: Mar 06 01:57:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	247313	43.565	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	306760	42.995	nq	97
44) 2,4,5-Trichlorophenol	9.06	196	334303	43.349	nq	98
46) 1,1'-Biphenyl	9.20	154	1185127	40.871	nq	99
47) 2-Chloronaphthalene	9.23	162	907497	40.081	nq	100
48) 2-Nitroaniline	9.32	65	300012	43.593	nq	94
49) Acenaphthylene	9.64	152	1508048	39.233	nq	99
50) Dimethylphthalate	9.51	163	1078623	41.148	nq	99
51) 2,6-Dinitrotoluene	9.56	165	247785	45.393	nq	90
52) Acenaphthene	9.82	154	905557	40.286	nq	100
53) 3-Nitroaniline	9.73	138	285440	42.914	nq	95
54) 2,4-Dinitrophenol	9.84	184	114089	53.428	nq	98
55) Dibenzofuran	9.99	168	1292490	39.562	nq	97
56) 4-Nitrophenol	9.89	139	225611	41.735	nq	89
57) 2,4-Dinitrotoluene	9.97	165	327672	48.292	nq	# 82
58) Fluorene	10.33	166	941455	40.602	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	282610	43.986	nq	98
60) Diethylphthalate	10.20	149	1080553	39.030	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	464698	43.074	nq	93
62) 4-Nitroaniline	10.34	138	270912	44.078	nq	99
63) Azobenzene	10.48	77	1046482	36.904	nq	94
65) 4,6-Dinitro-2-methylphenol	10.37	198	142079	48.093	nq	85
66) n-Nitrosodiphenylamine	10.44	169	880305	38.184	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	320790	42.368	nq	98
68) Hexachlorobenzene	10.88	284	366737	42.968	nq	# 86
69) Atrazine	10.96	200	288870	40.912	nq	99
70) Pentachlorophenol	11.07	266	223141	44.419	nq	99
71) Phenanthrene	11.28	178	1425349	39.853	nq	99
72) Anthracene	11.33	178	1453664	38.828	nq	99
73) Carbazole	11.49	167	1373585	37.610	nq	100
74) Di-n-butylphthalate	11.82	149	1695542	38.719	nq	99
75) Fluoranthene	12.47	202	1519056	39.643	nq	96
77) Benzidine	12.58	184	751559	31.645	nq	99
78) Pyrene	12.69	202	1538283	39.862	nq	100
80) Butylbenzylphthalate	13.32	149	662801	38.910	nq	90
81) Benzo(a)anthracene	13.87	228	1126642	35.512	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	472277	39.360	nq	98
83) Chrysene	13.92	228	1148371	36.953	nq	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	758343	37.955	nq	99
85) Di-n-octyl phthalate	14.49	149	1281680	37.358	nq	97
86) Indeno(1,2,3-cd)pyrene	16.67	276	1047987	39.556	nq	95
88) Benzo(b)fluoranthene	14.90	252	1027913m	40.715	nq	
89) Benzo(k)fluoranthene	14.92	252	860437	37.626	nq	98
90) Benzo(a)pyrene	15.24	252	885743	39.664	nq	98
91) Dibenzo(a,h)anthracene	16.69	278	852593	44.743	nq	97
92) Benzo(g,h,i)perylene	17.08	276	868466	45.388	nq	94

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



#1

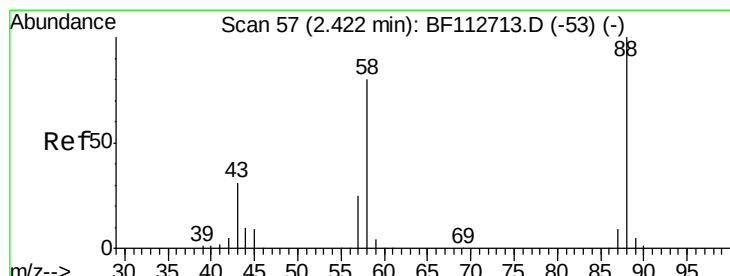
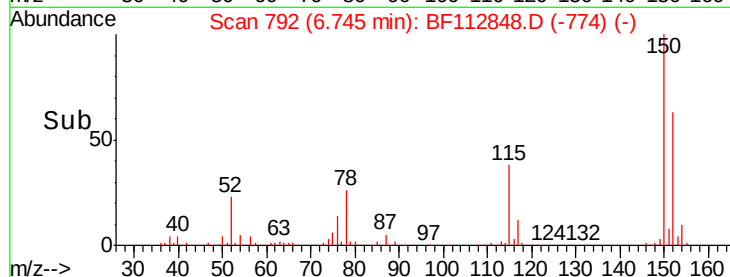
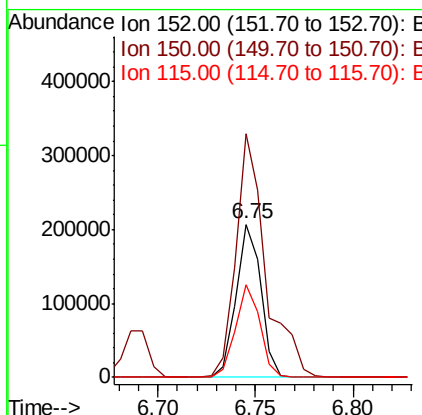
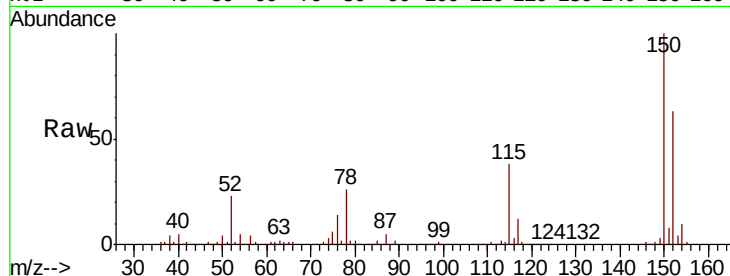
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.2	186.2
115	60.2	48.2	72.4

Manual Integrations
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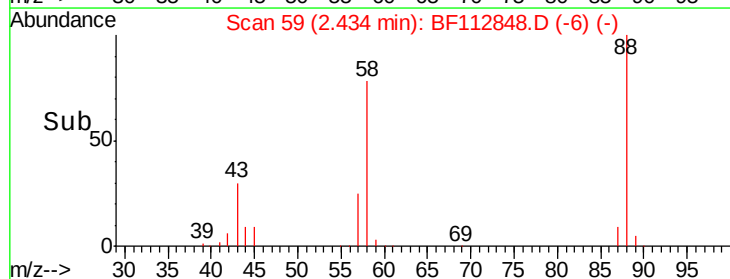
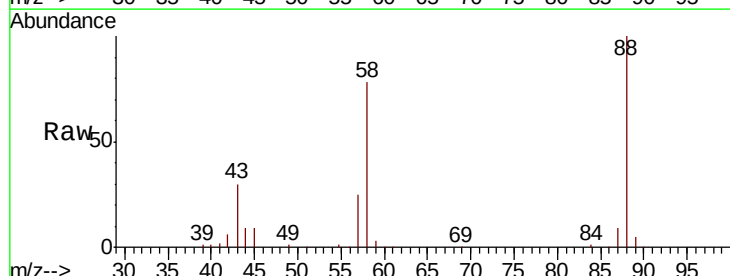
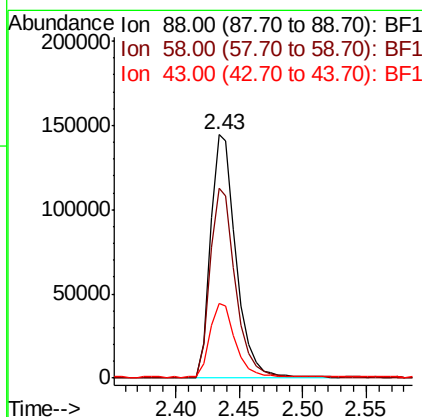
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3/6/2019 12:24:20 PM

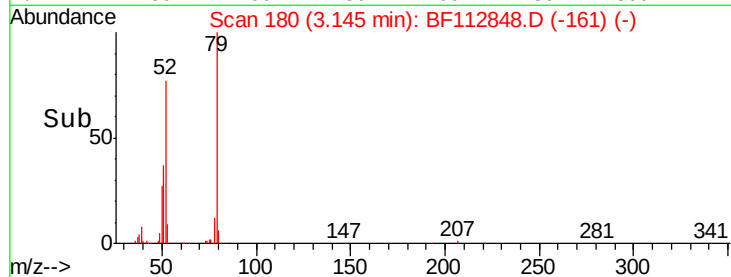
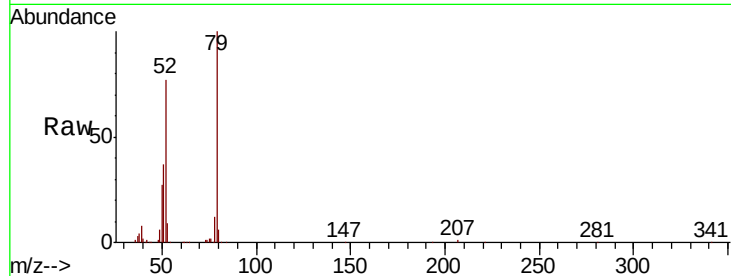
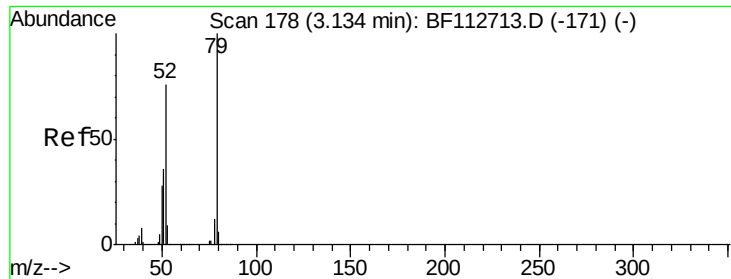


#2

1,4-Dioxane
Concen: 34.632 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.4	63.1	94.7
43	30.3	24.3	36.5





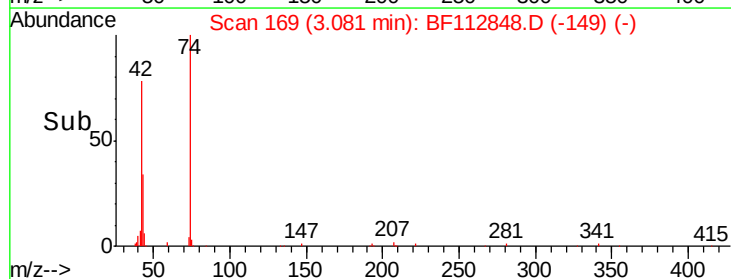
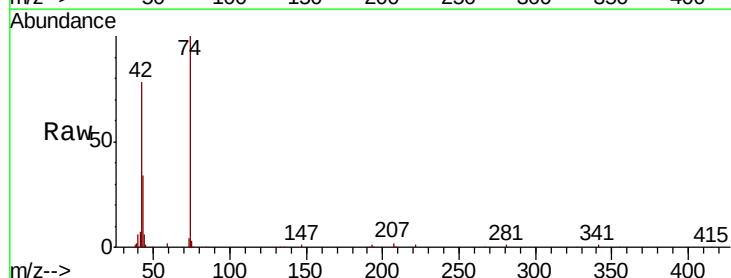
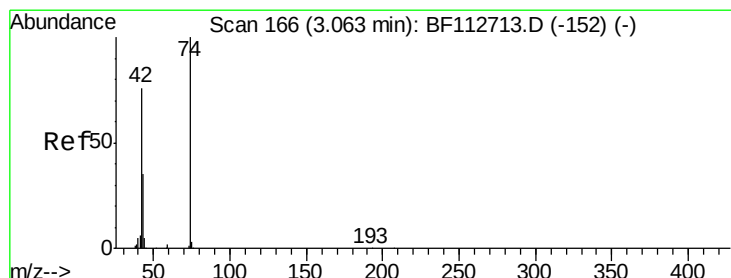
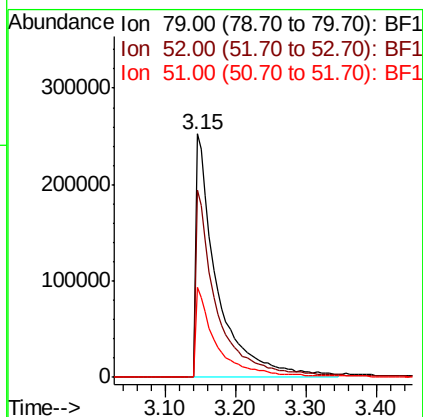
#3
 Pvrindine
 Concen: 34.404 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.01 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.7	60.5	90.7
51	37.2	28.8	43.2

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

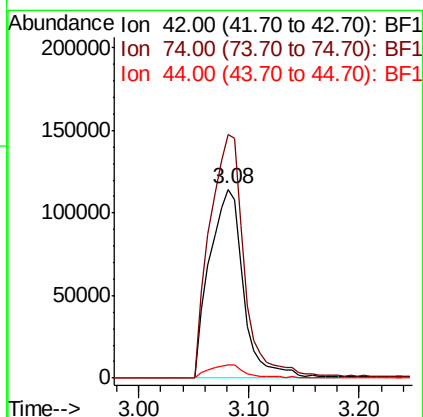
Manual Integrations
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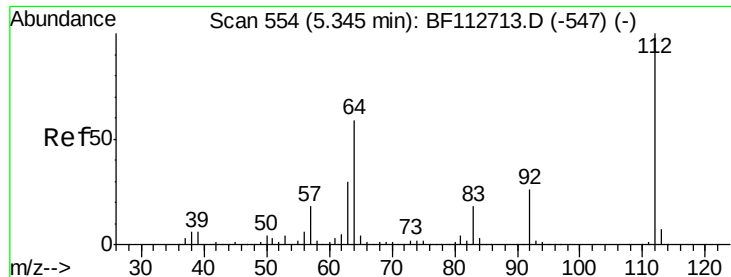
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#4
 n-Nitrosodimethylamine
 Concen: 35.175 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.02 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.0	105.8	158.8
44	7.2	6.2	9.2





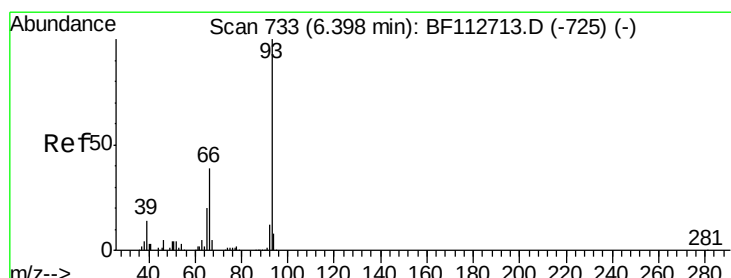
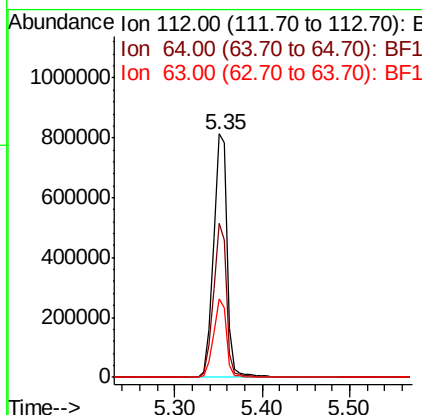
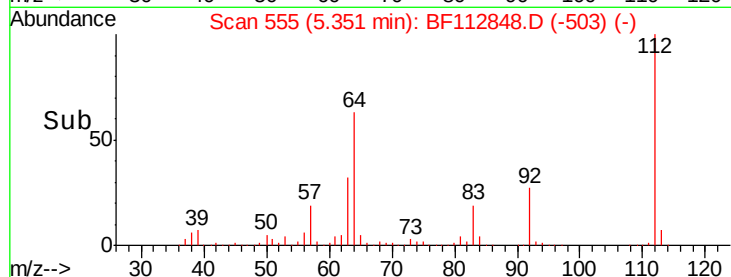
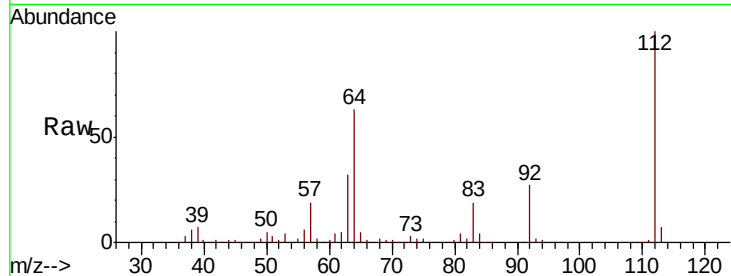
#5
2-Fluorophenol
Concen: 75.015 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	63.3	47.6	71.4
63	32.3	24.4	36.6

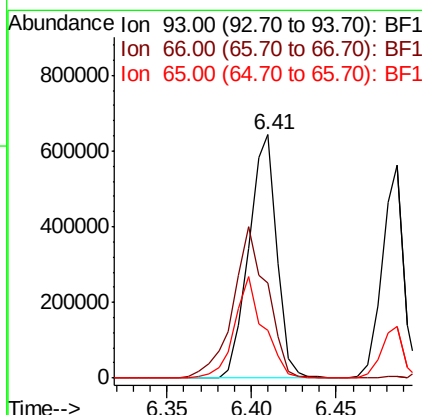
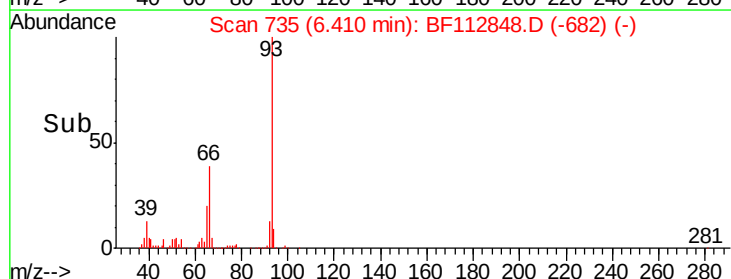
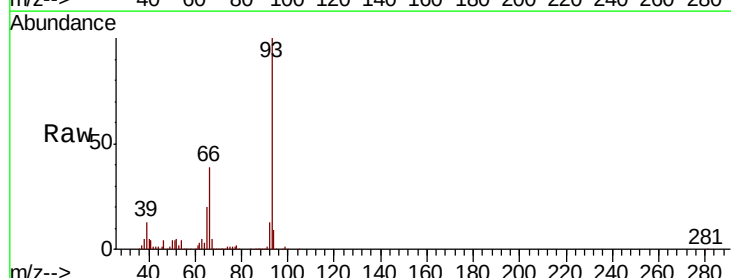
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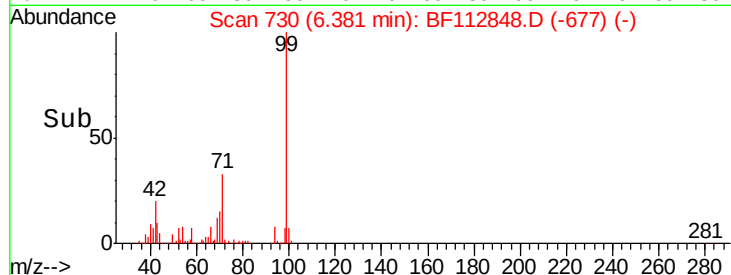
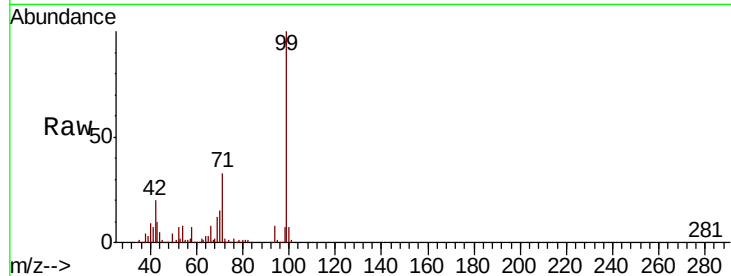
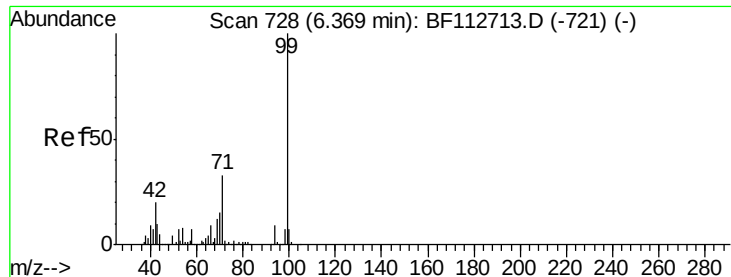
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#6
Aniline
Concen: 36.572 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.1	32.2	48.2
65	19.9	16.2	24.4





#7

Phenol-d6

Concen: 75.417 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Tot Ion:	99	Resp:	1116242
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.3	24.5
71	32.9	26.2	39.4

Instrument :

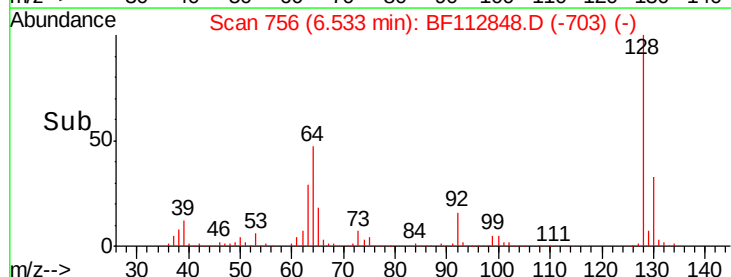
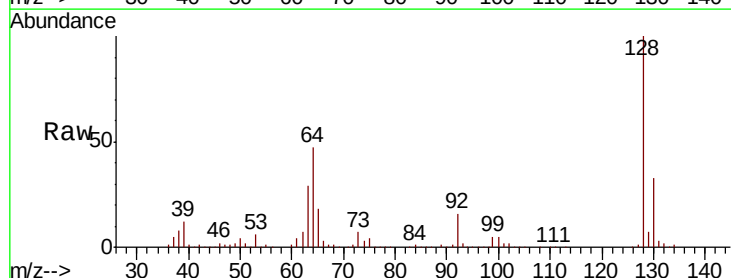
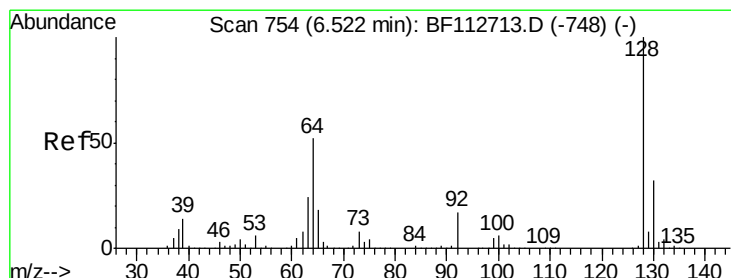
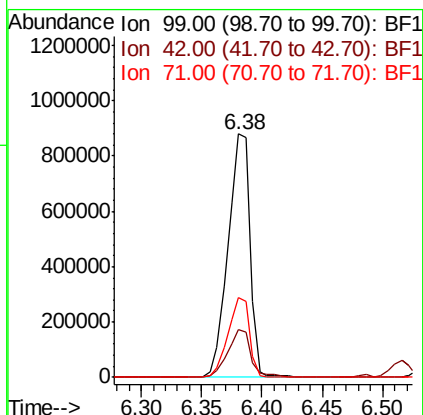
BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.034 ng

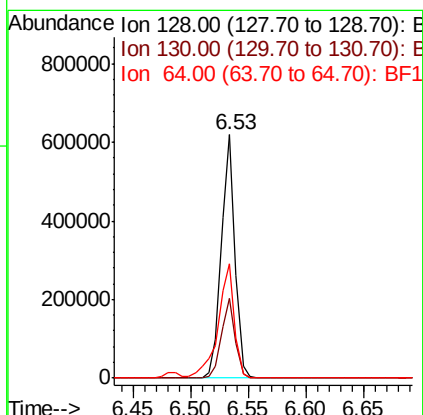
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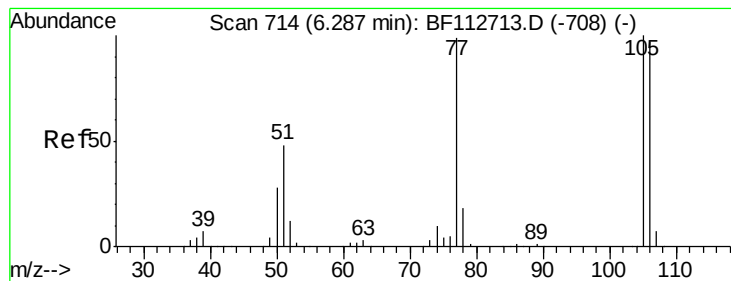
Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Tgt Ion:	128	Resp:	511972
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.4	52.4
64	47.2	32.2	72.2





#9

Benzaldehyde

Concen: 34.547 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

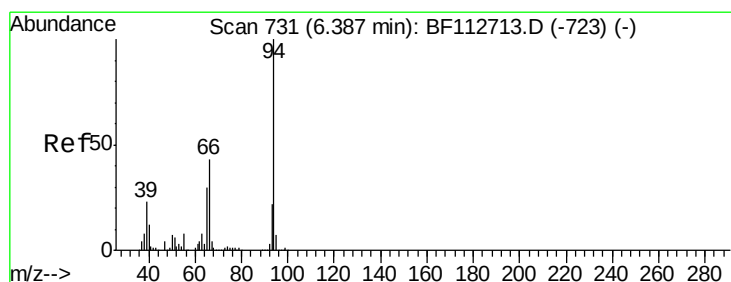
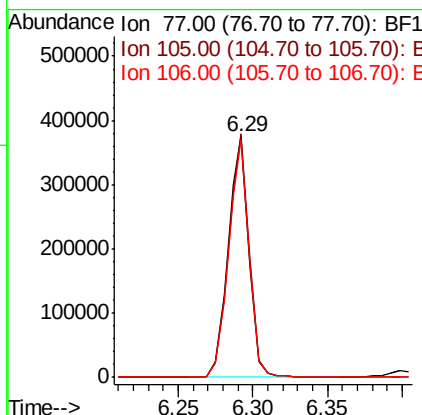
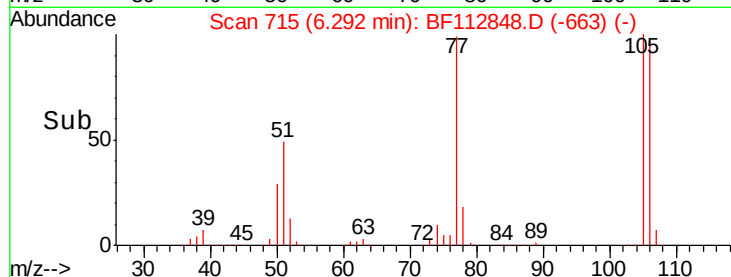
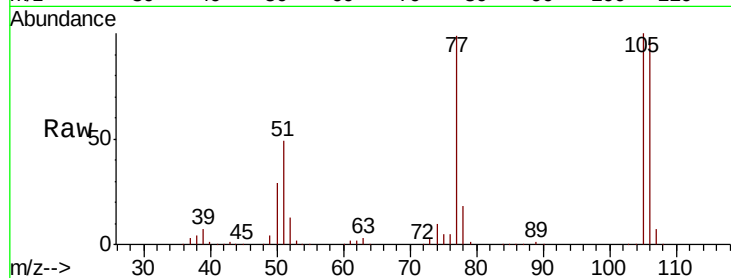
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	368434
Ion Ratio	Lower	Upper	
77	100		
105	101.0	81.4	121.4
106	98.5	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 37.297 ng

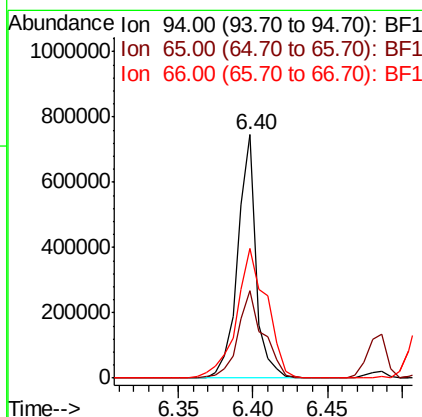
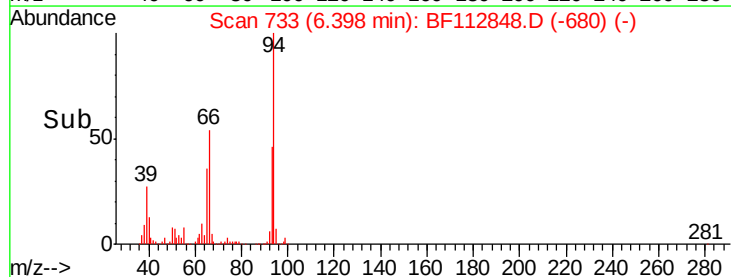
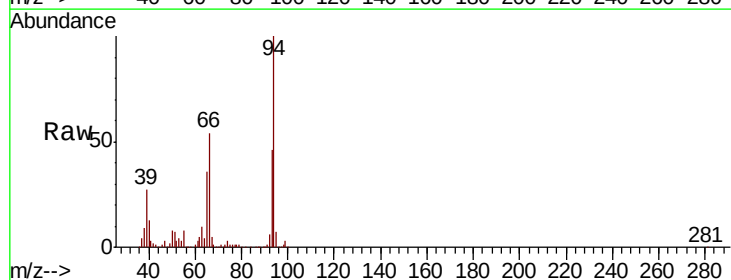
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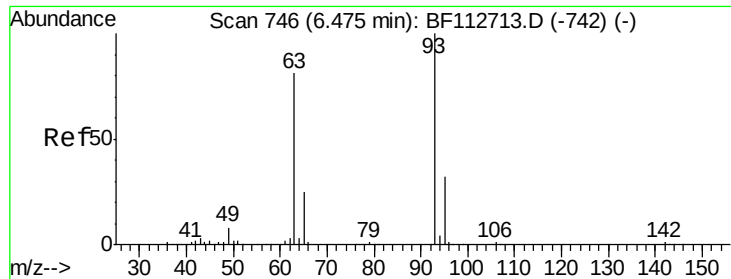
Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Tgt Ion:	94	Resp:	644176
Ion Ratio	Lower	Upper	
94	100		
65	36.0	10.5	50.5
66	53.5	22.6	62.6





#11

bis(2-Chloroethyl)ether

Concen: 37.032 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

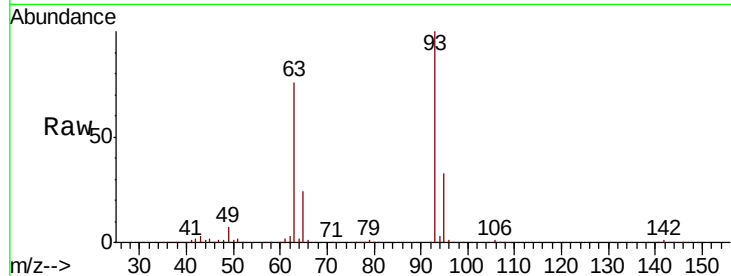
ClientSampleId :

SSTDCCC040

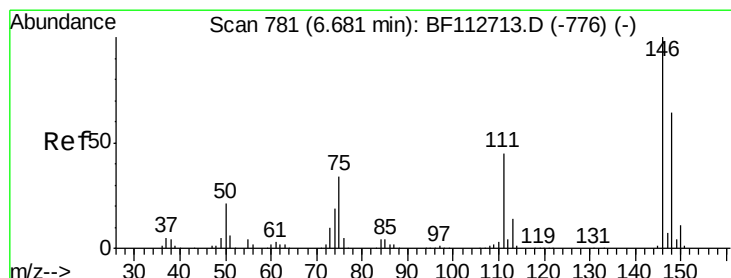
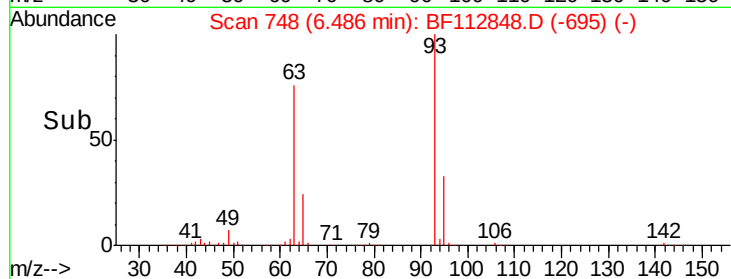
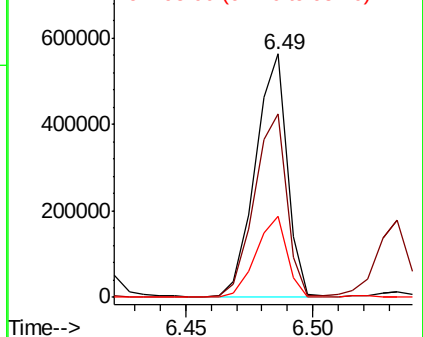
Tot Ion:	93	Resp:	490934
Ion	Ratio	Lower	Upper
93	100		
63	75.6	60.5	100.5
95	33.2	12.1	52.1

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



#12

1,3-Dichlorobenzene

Concen: 39.949 ng

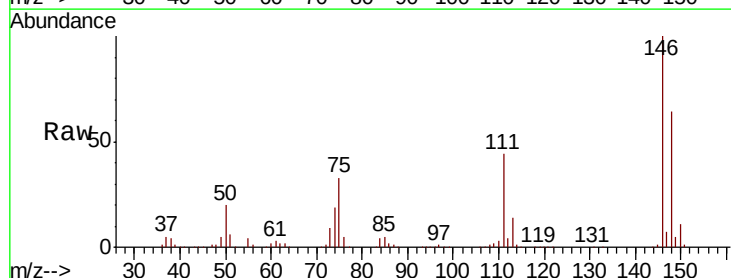
RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

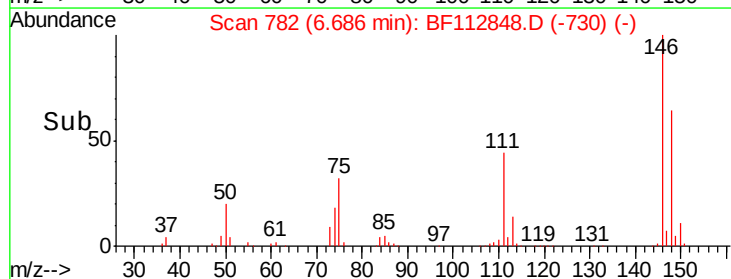
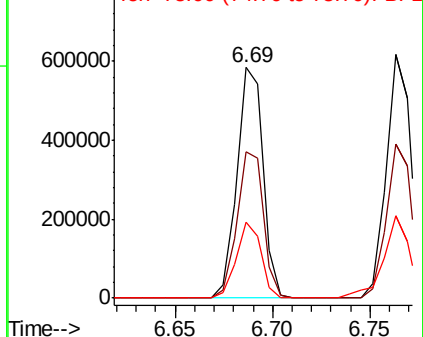
Lab File: BF112848.D

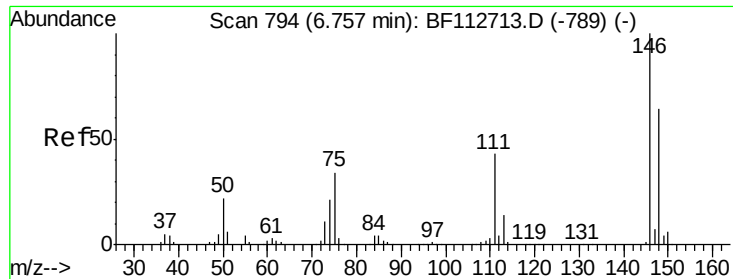
Acq: 5 Mar 2019 11:44

Tgt Ion:	146	Resp:	541280
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
75	32.7	26.9	40.3



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





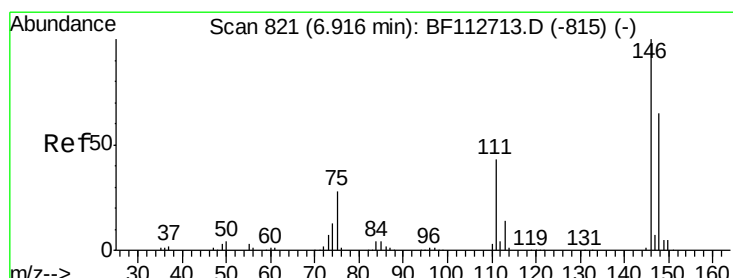
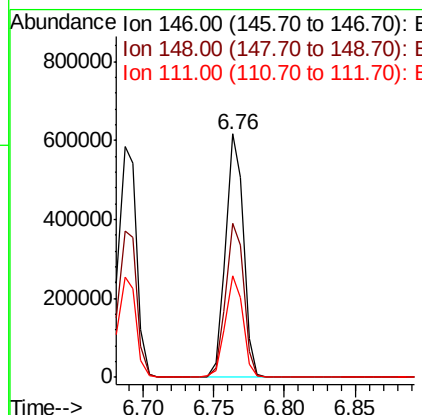
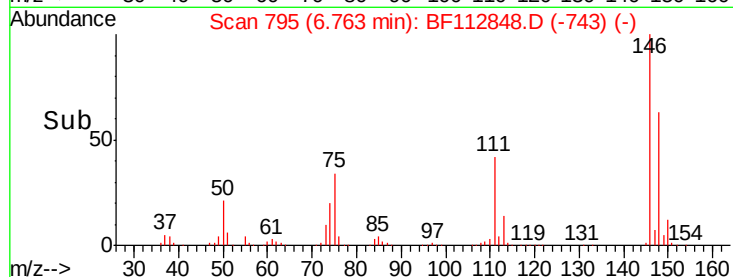
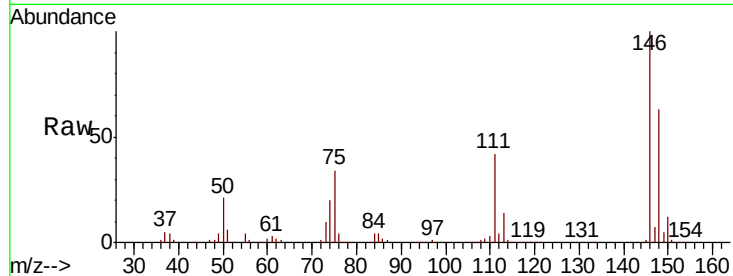
#13
 1,4-Dichlorobenzene
 Concen: 40.117 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
111	41.8	34.5	51.7

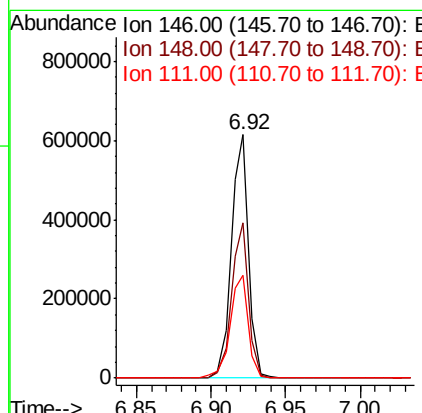
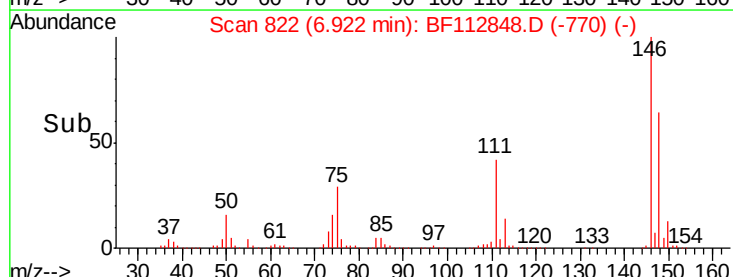
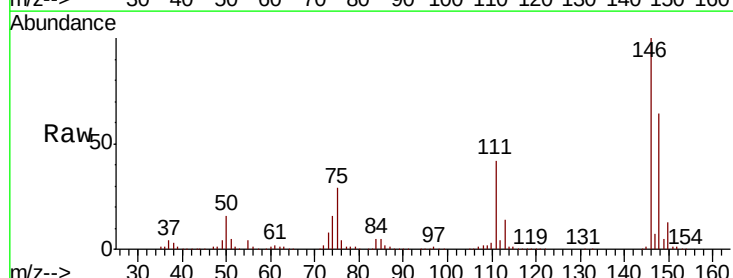
Manual Integrations
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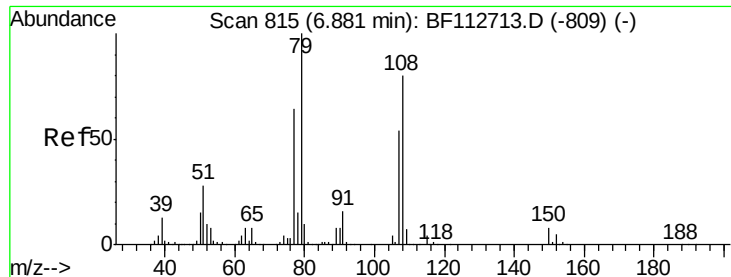
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.388 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
111	42.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 39.200 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

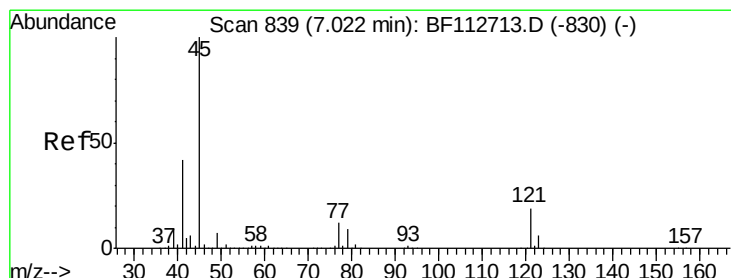
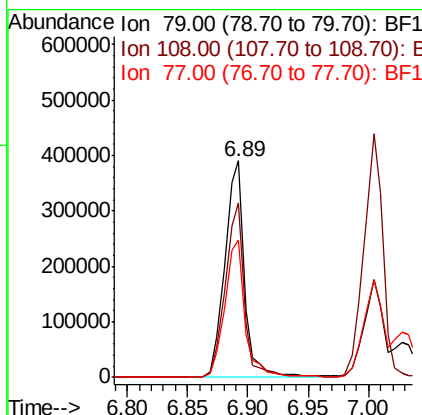
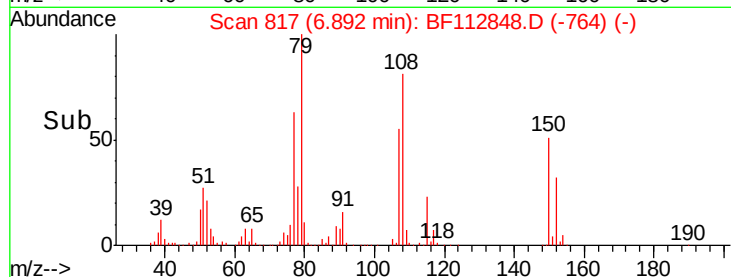
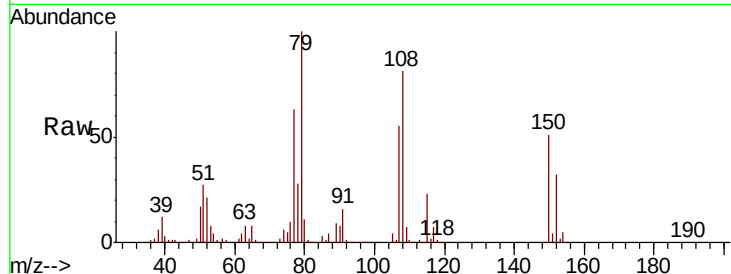
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	442415
Ion Ratio	Lower	Upper	
79	100		
108	80.6	64.2	96.4
77	63.4	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.860 ng

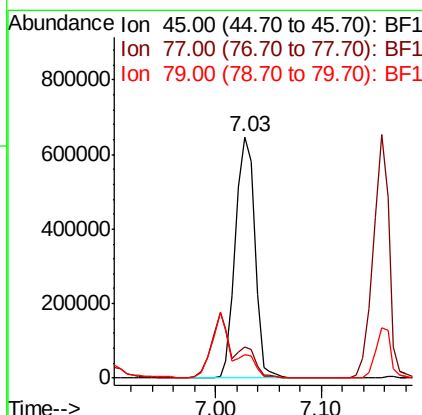
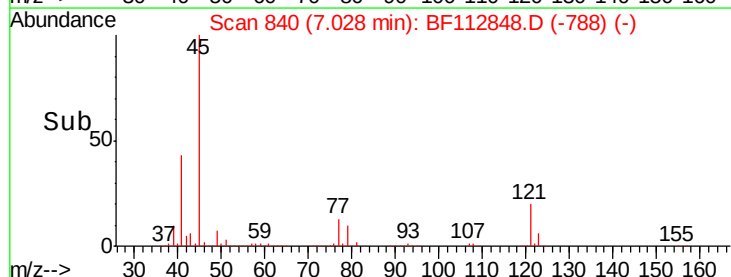
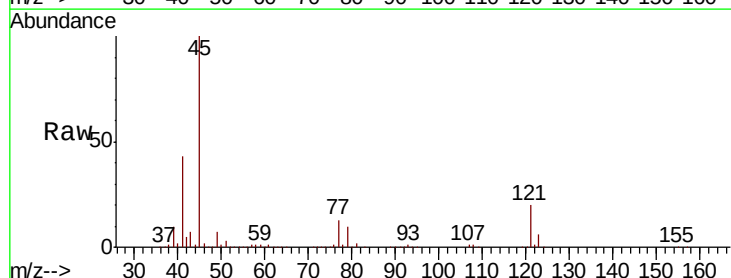
RT: 7.03 min Scan# 840

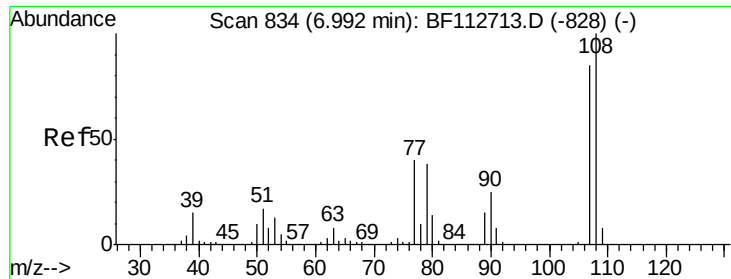
Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Tgt Ion:	45	Resp:	815474
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	32.1
79	9.9	0.0	29.4





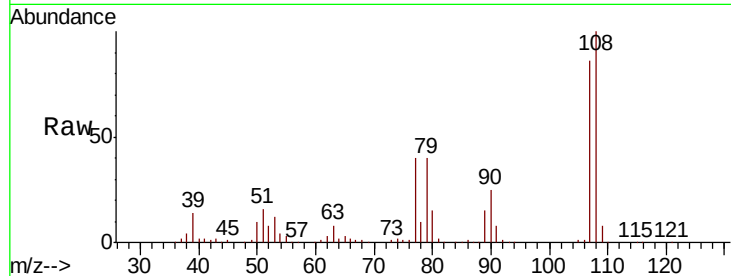
#17
2-Methylphenol
Concen: 38.606 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	410788
Ion Ratio	Lower	Upper	
107	100		
108	116.0	94.6	142.0
77	46.5	37.8	56.8
79	46.3	36.2	54.2

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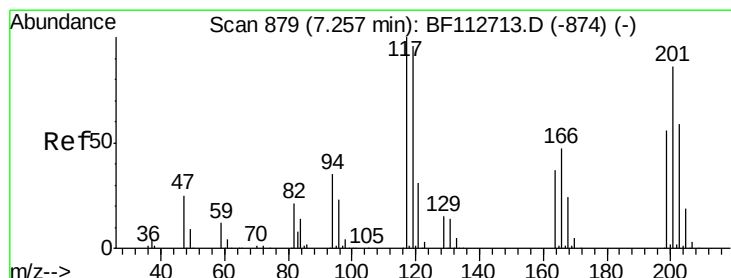
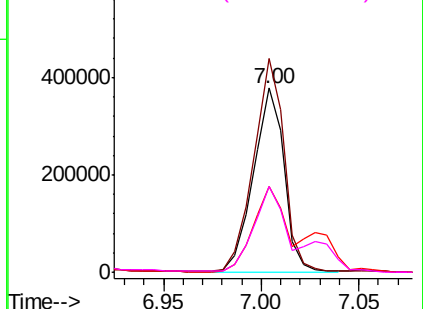
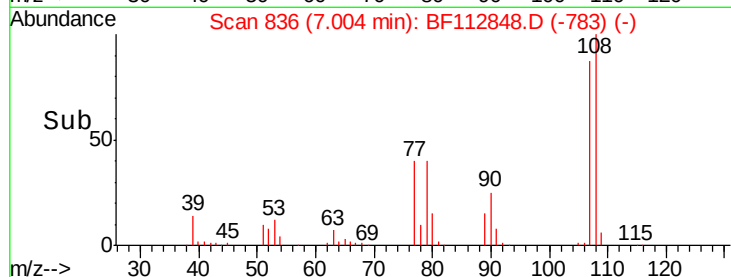
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

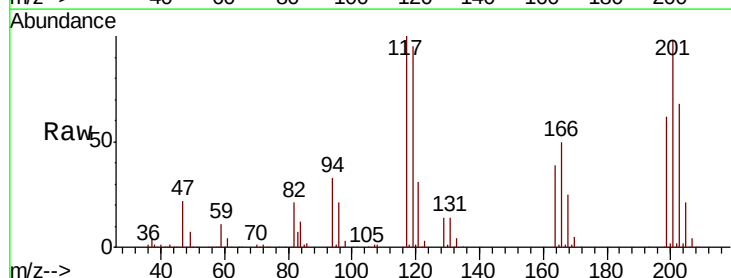
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.511 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	117	Resp	205657
Ion Ratio	Lower	Upper	
117	100		
119	95.0	76.6	115.0
201	98.1	68.9	103.3

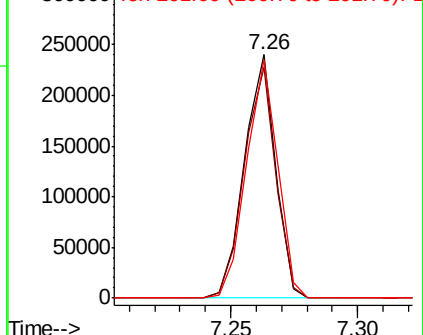
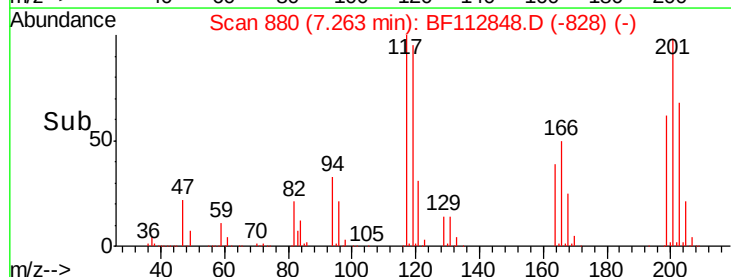


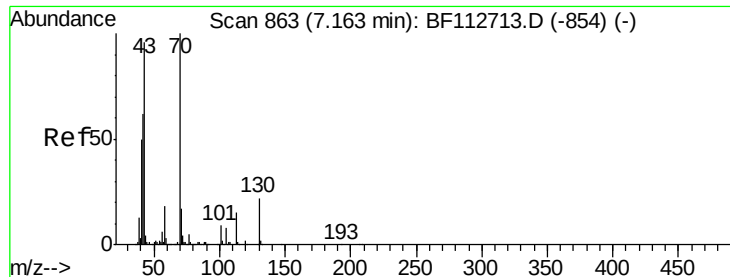
Abundance

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: 37.333 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

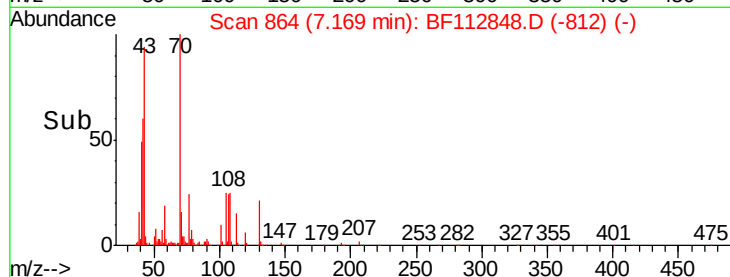
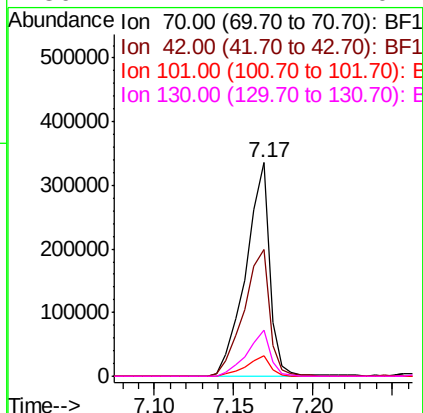
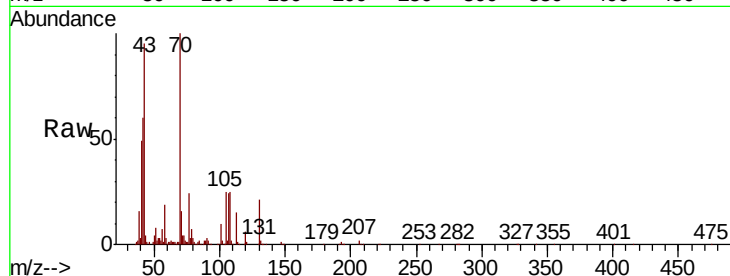
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.5	49.9	74.9	
101	9.7	7.4	11.2	
130	21.4	17.4	26.2	

Manual Integrations
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#20

3+4-Methylphenols

Concen: 38.942 ng

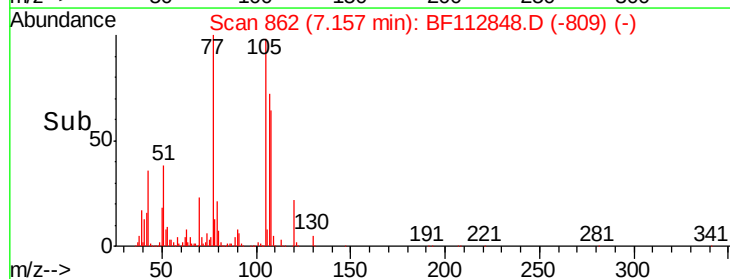
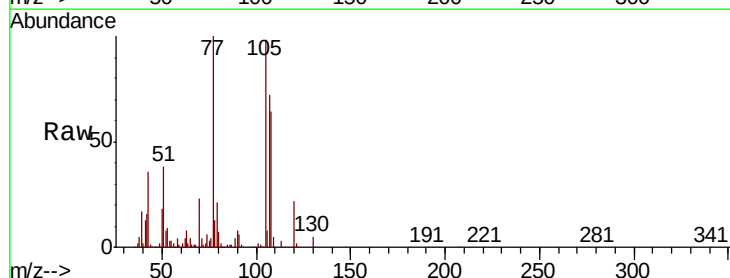
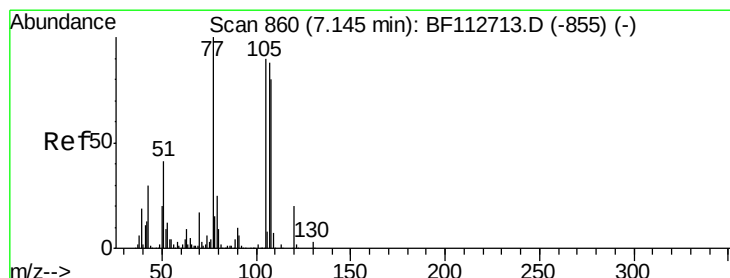
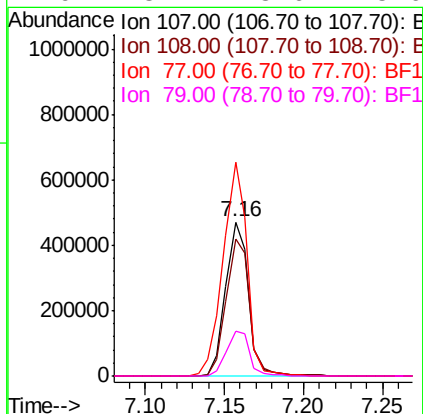
RT: 7.16 min Scan# 862

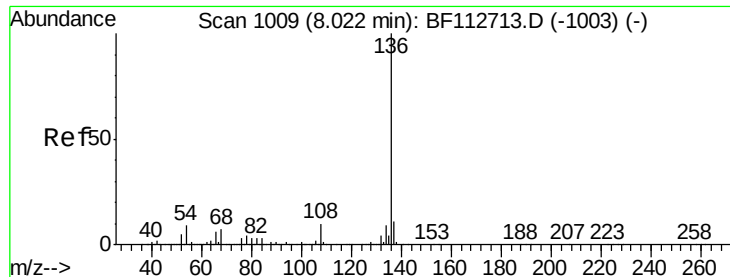
Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	71.4	111.4	
77	138.5	94.1	134.1#	
79	28.7	8.6	48.6	





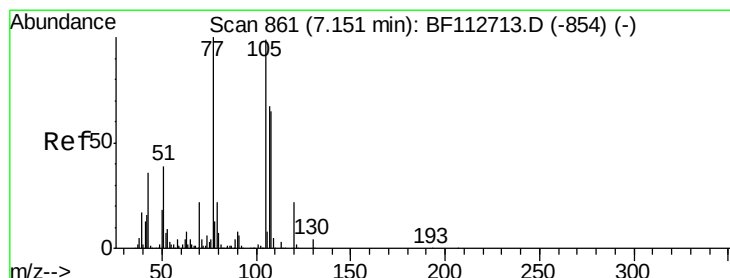
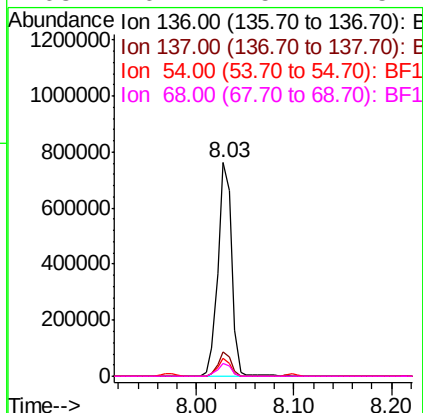
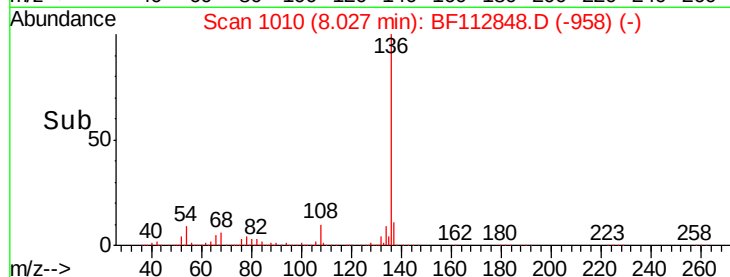
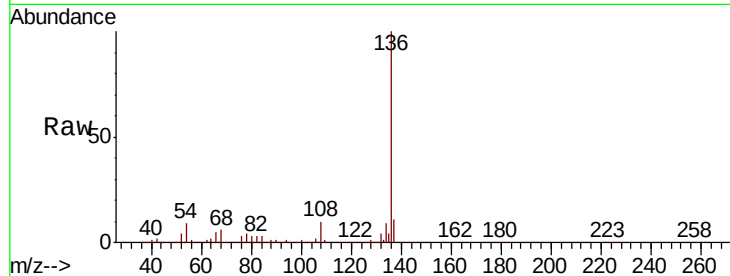
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	746381		
137	11.1	8.9	13.3	
54	8.6	7.3	10.9	
68	6.2	5.4	8.2	

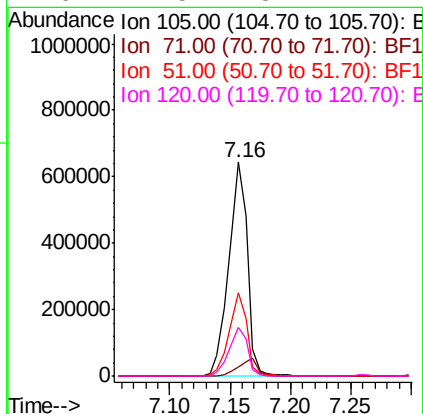
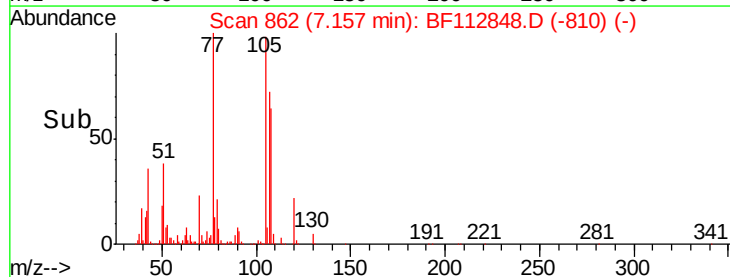
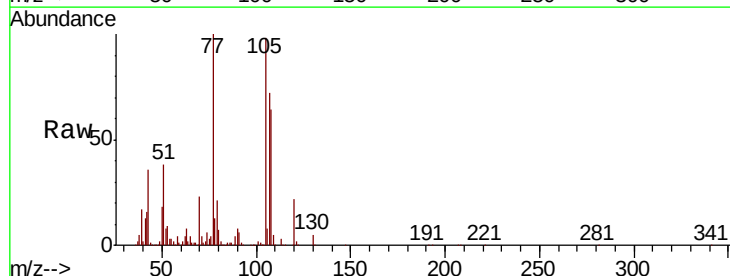
Manual Integrations
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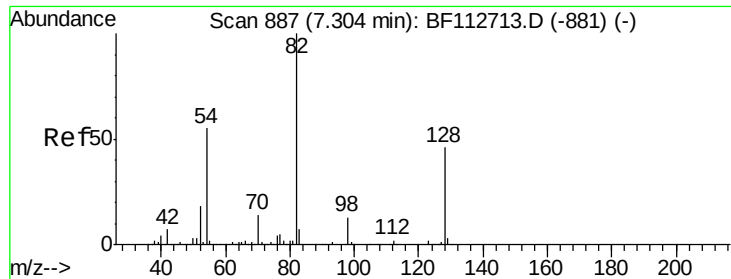
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#22
Acetophenone
Concen: 39.668 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	692306		
71	3.9	3.0	4.4	
51	38.9	31.5	47.3	
120	22.5	18.1	27.1	





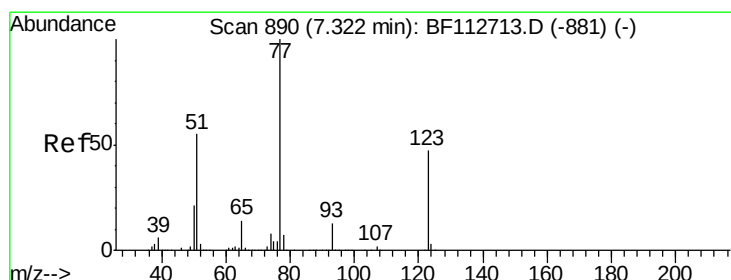
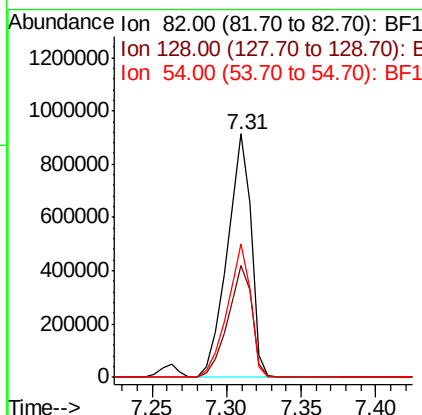
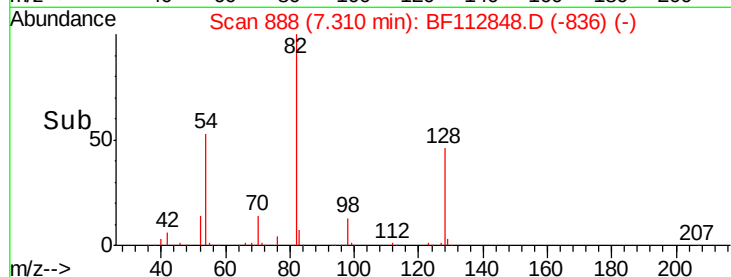
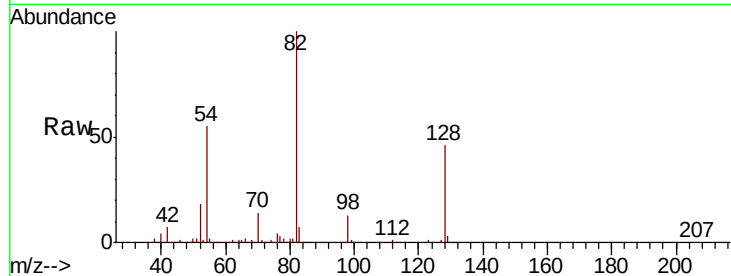
#23
Nitrobenzene-d5
Concen: 83.051 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1035926
Ion Ratio Lower Upper
82 100
128 46.0 36.3 54.5
54 54.6 43.7 65.5

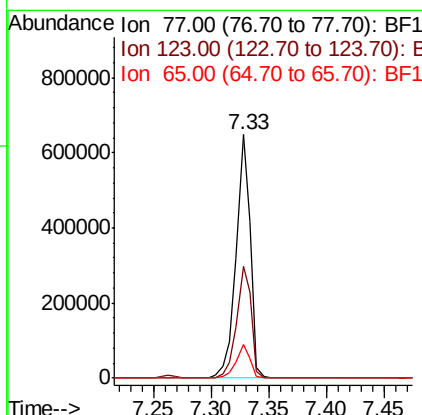
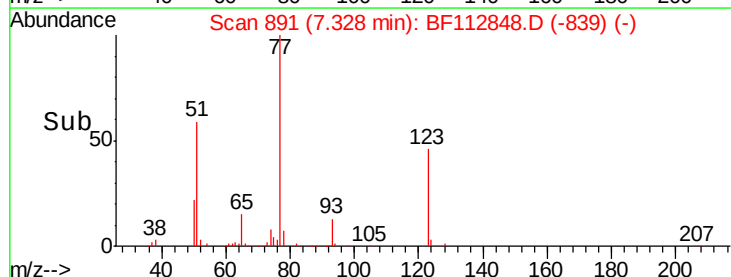
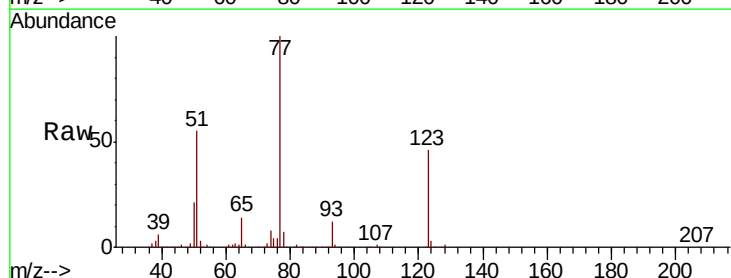
Manual Integrations
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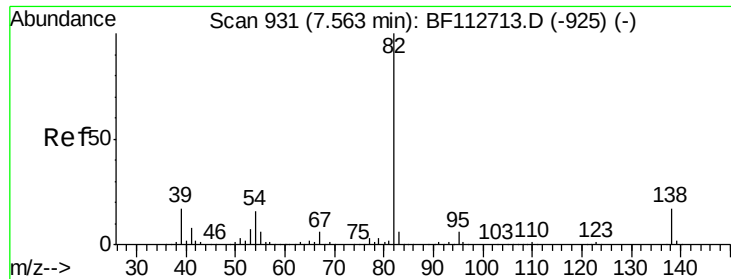
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#24
Nitrobenzene
Concen: 39.404 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion: 77 Resp: 547034
Ion Ratio Lower Upper
77 100
123 45.8 37.8 56.6
65 13.9 11.1 16.7





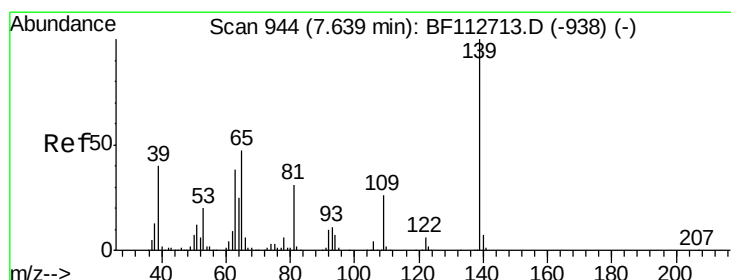
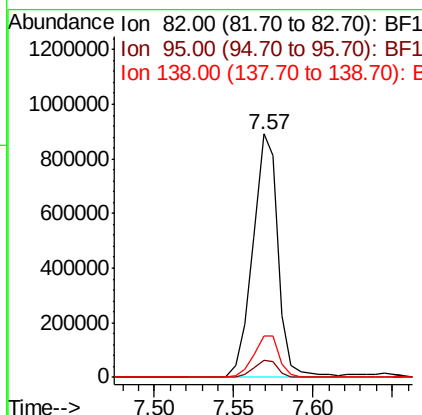
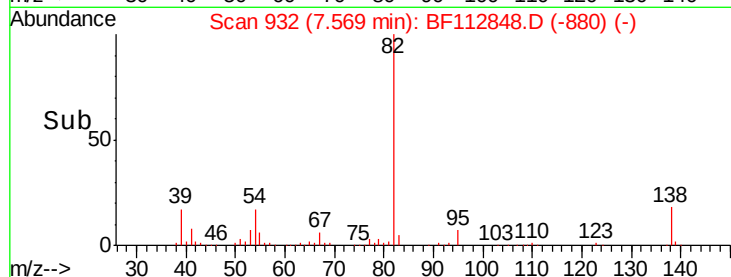
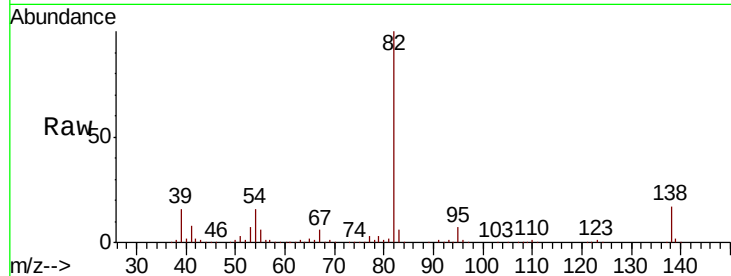
#25
Isophorone
Concen: 36.711 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.9	5.2	7.8	
138	16.9	13.8	20.8	

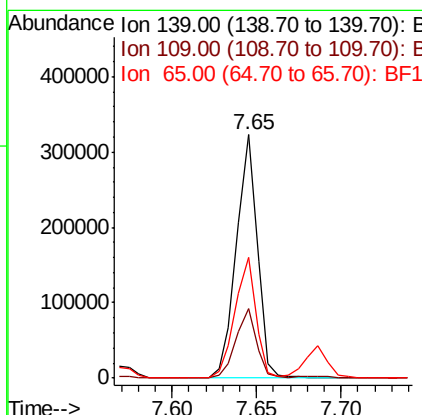
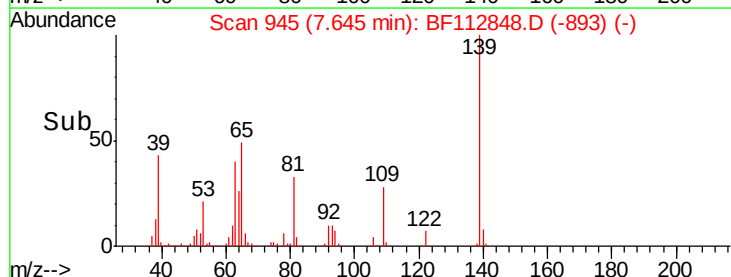
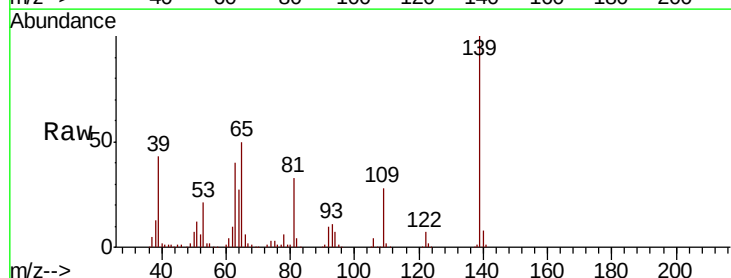
Manual Integrations
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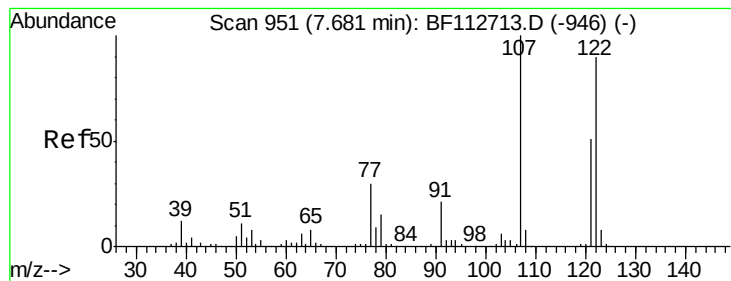
Sohil
3/6/2019 12:24:20 PM



#26
2-Nitrophenol
Concen: 48.560 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.5	20.6	31.0	
65	49.6	37.9	56.9	





#27

2,4-Dimethylphenol

Concen: 38.350 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

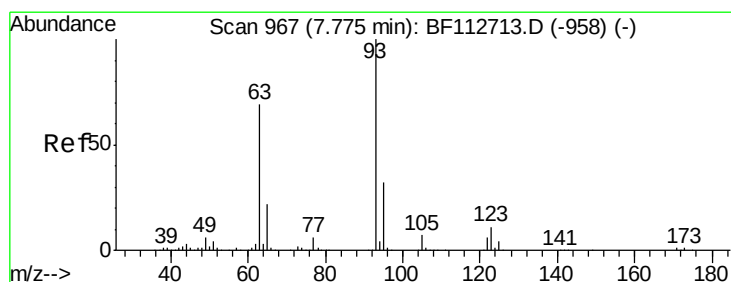
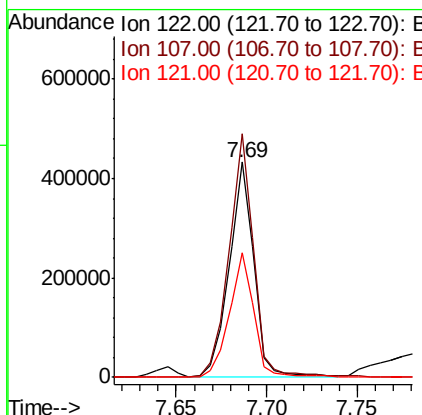
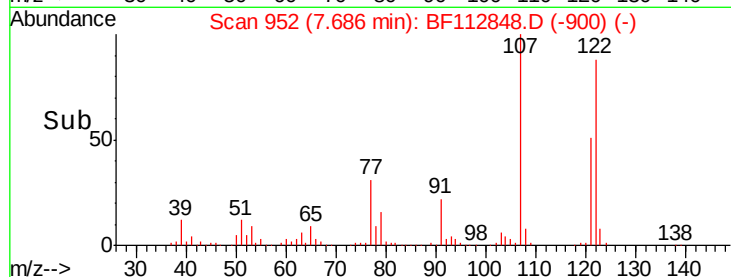
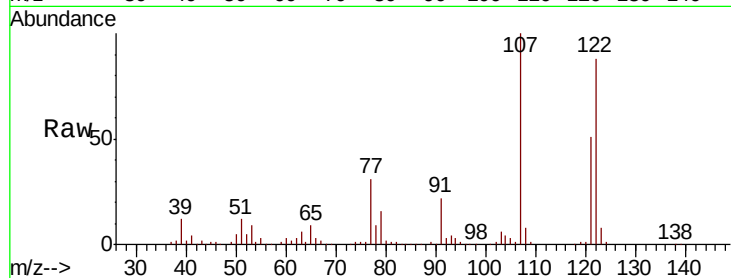
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.4	134.0
121	58.1	45.5	68.3

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3/6/2019 12:24:20 PM



#28

bis(2-Chloroethoxy)methane

Concen: 37.594 ng

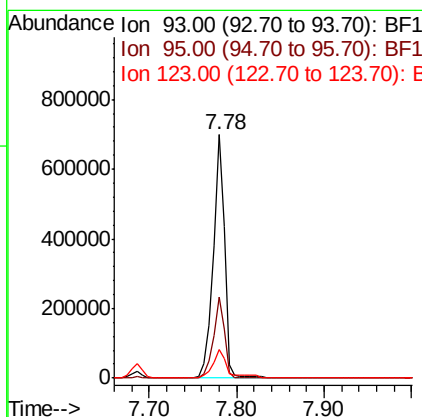
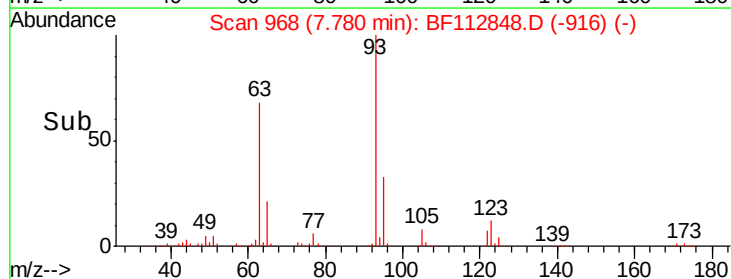
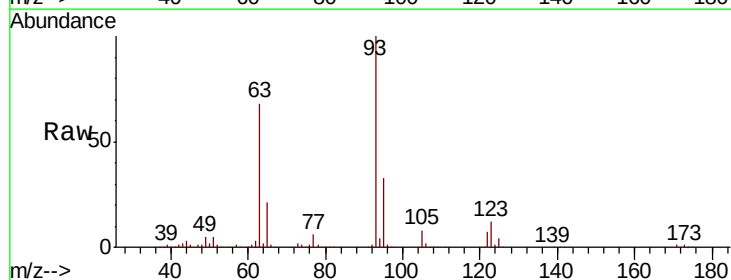
RT: 7.78 min Scan# 968

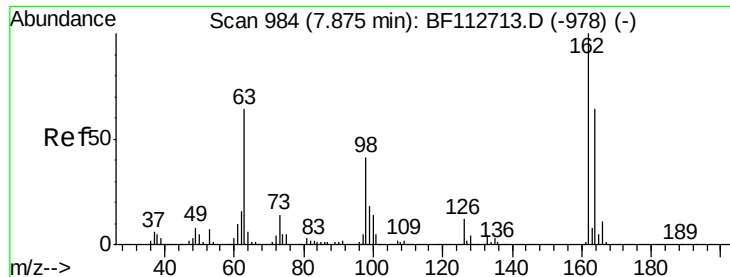
Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	11.6	9.3	13.9





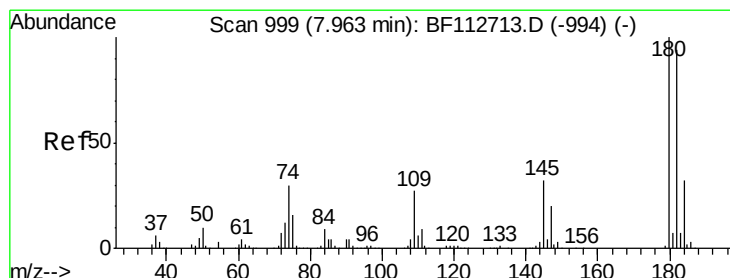
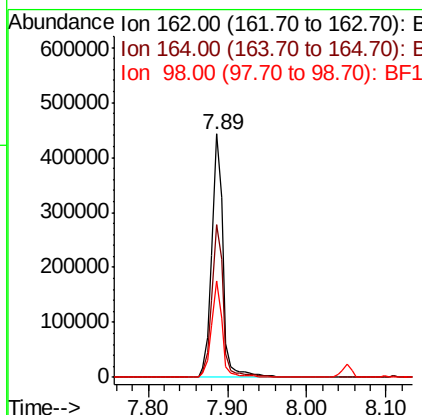
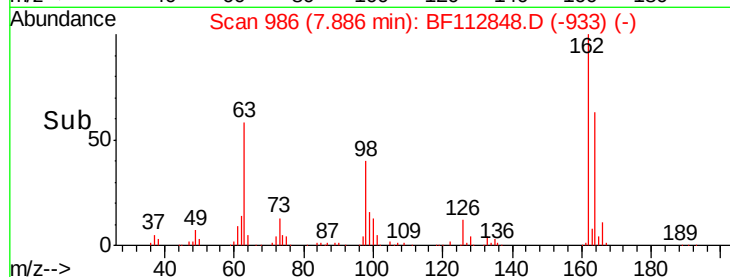
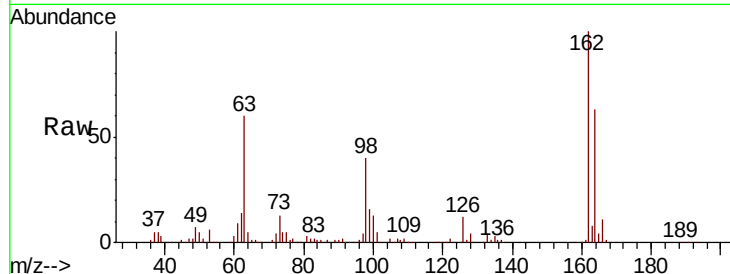
#29
2,4-Dichlorophenol
Concen: 41.805 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.0	84.0
98	39.7	20.7	60.7

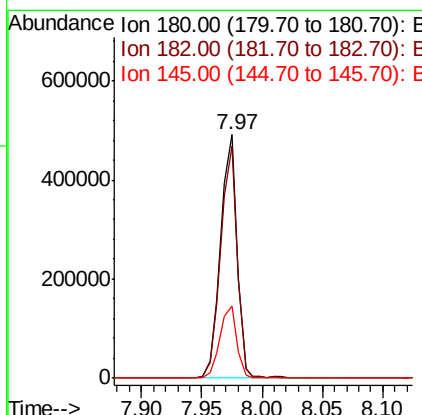
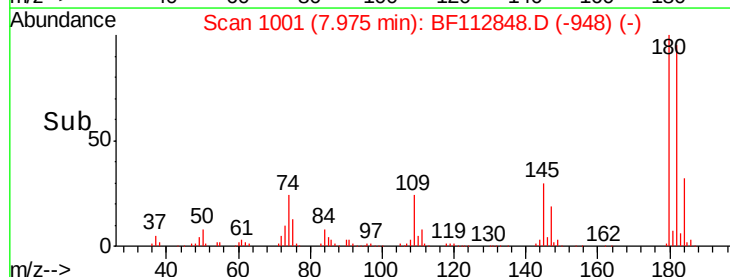
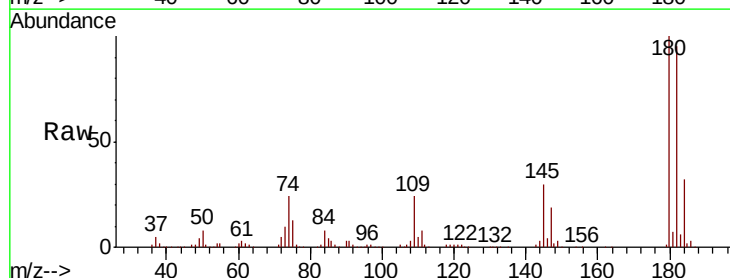
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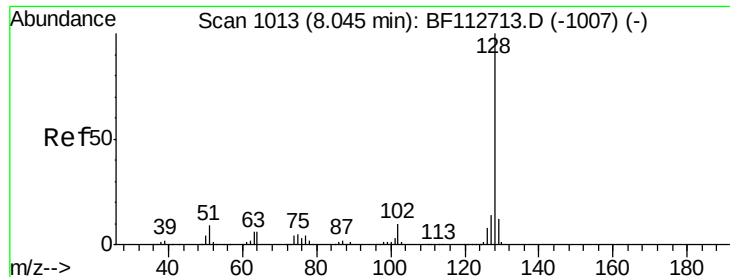
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#30
1,2,4-Trichlorobenzene
Concen: 41.633 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.2	112.8
145	29.7	25.4	38.0





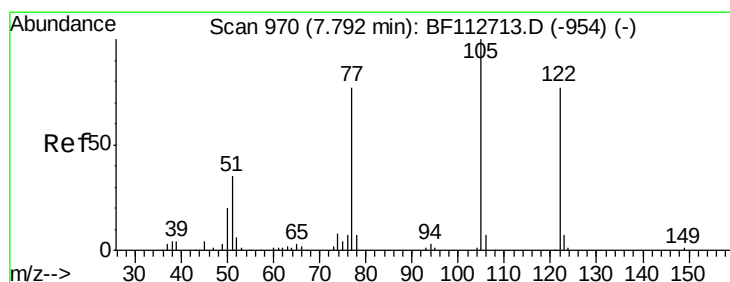
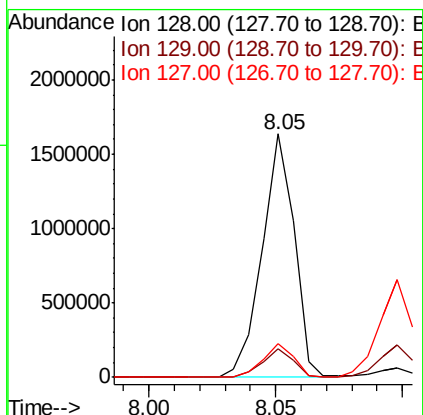
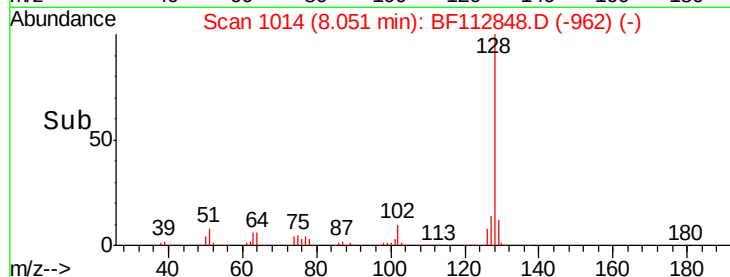
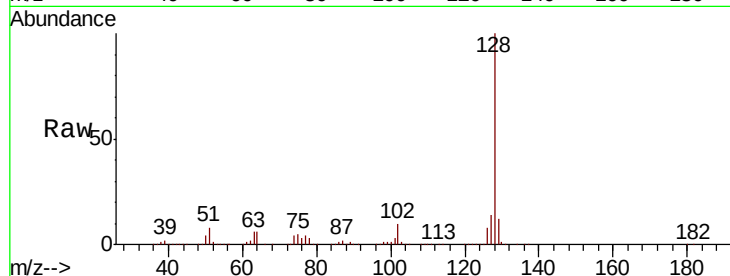
#31
Naphthalene
Concen: 38.952 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.7	10.9	16.3

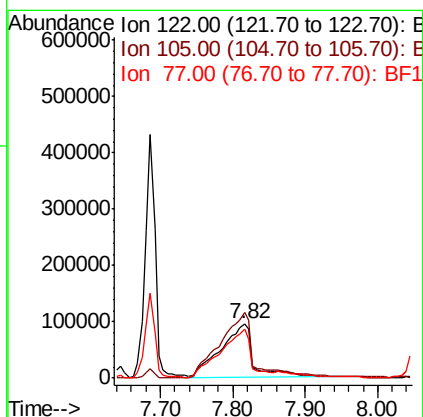
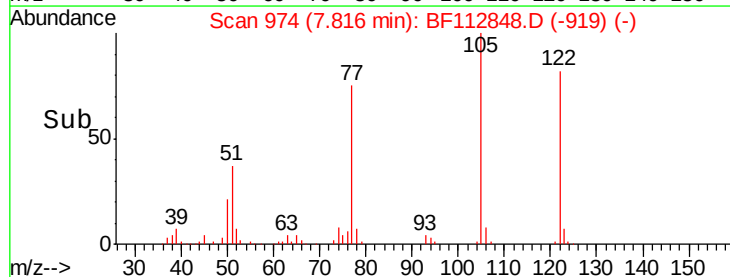
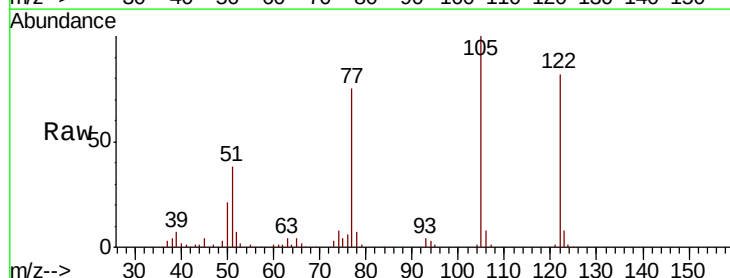
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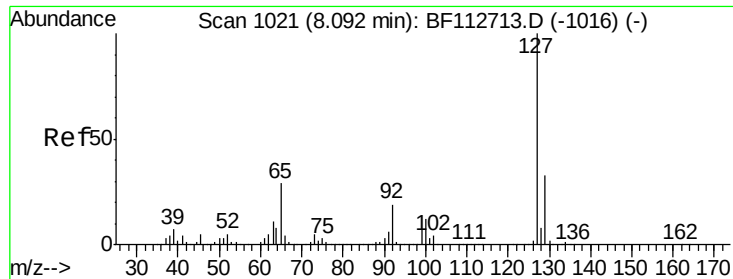
Sohil
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#32
Benzoic acid
Concen: 40.128 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	106.8	146.8
77	91.0	79.4	119.4





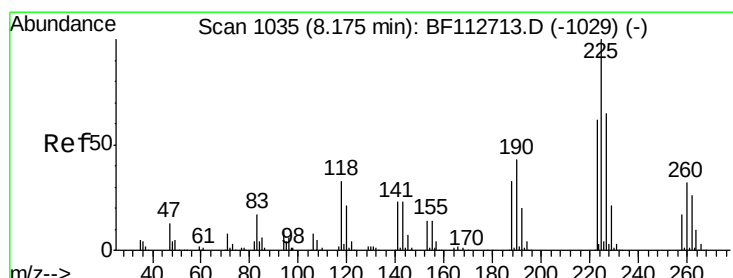
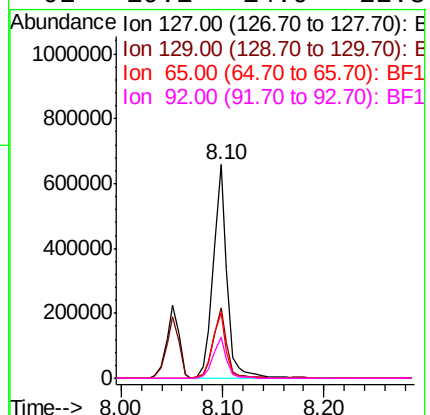
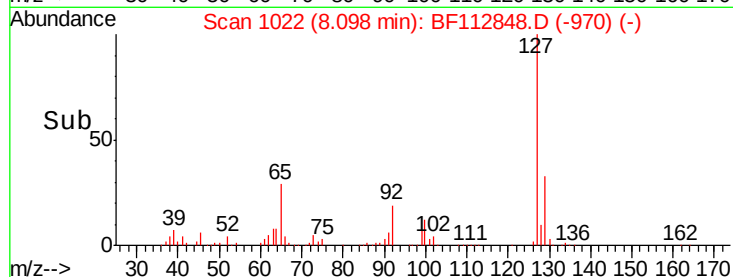
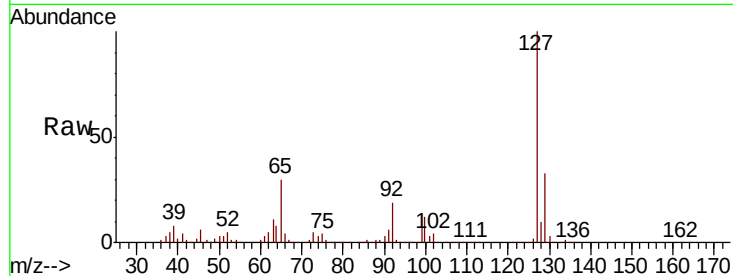
#33
4-Chloroaniline
Concen: 39.403 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		618431		
129	32.9	26.4	39.6		
65	30.5	23.1	34.7		
92	19.1	14.9	22.3		

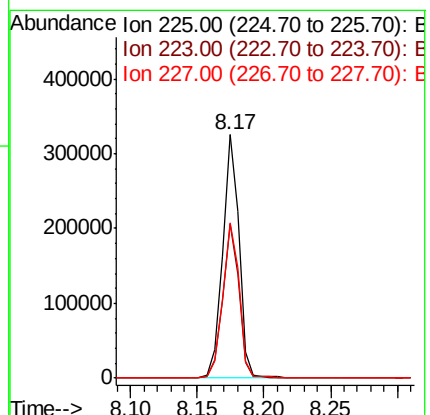
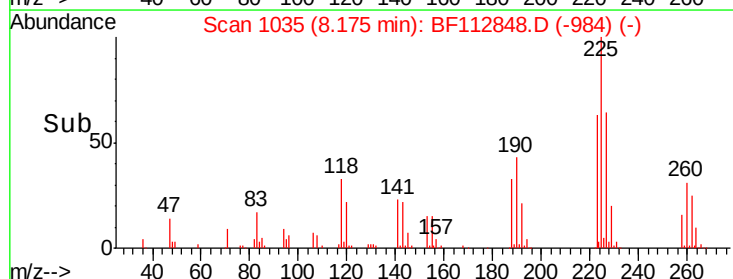
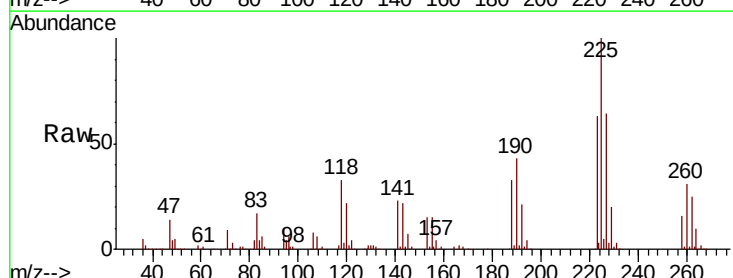
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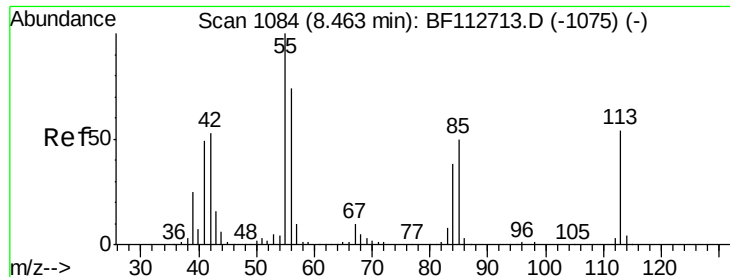
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#34
Hexachlorobutadiene
Concen: 44.897 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		283663		
223	63.0	49.7	74.5		
227	63.6	52.1	78.1		





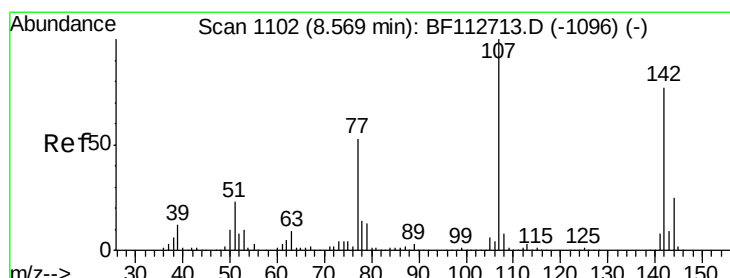
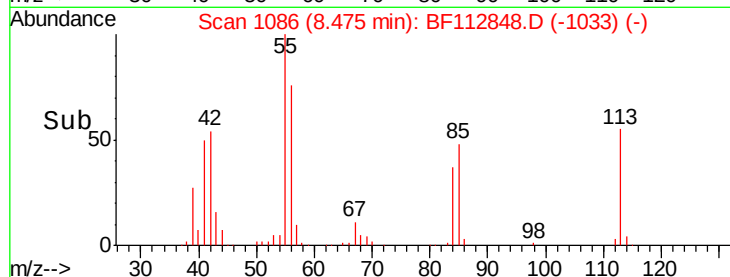
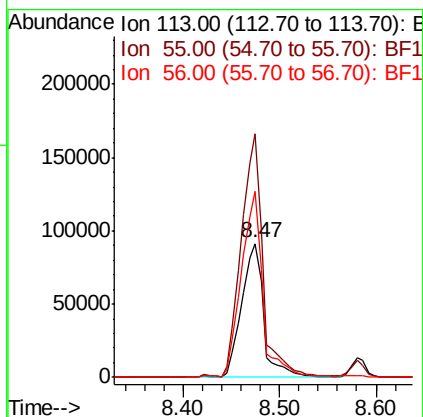
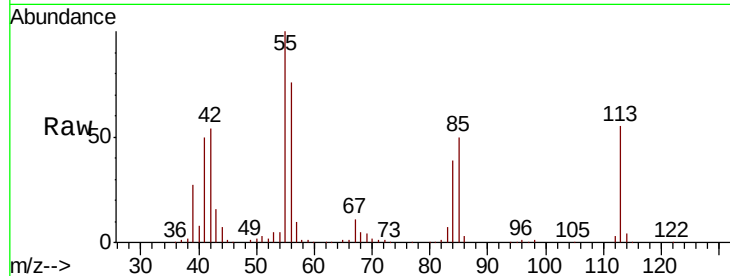
#35
Caprolactam
Concen: 39.203 ng/ml
RT: 8.47 min Scan# 1086
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.2	163.5	203.5
56	138.7	115.3	155.3

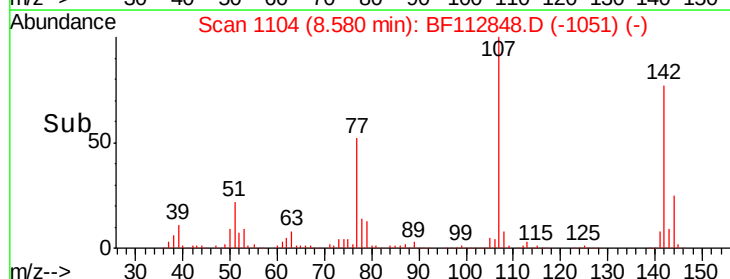
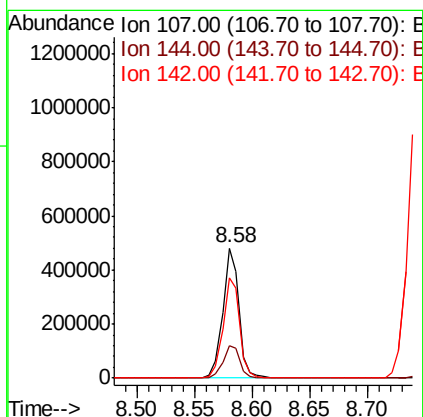
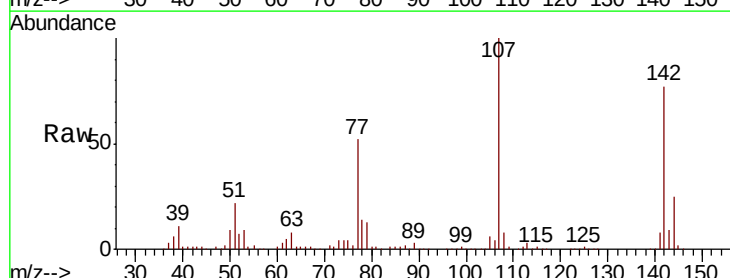
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APPROVED

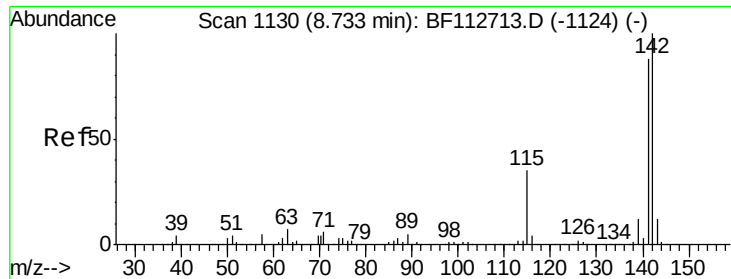
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#36
4-Chloro-3-methylphenol
Concen: 40.287 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	77.4	61.9	92.9





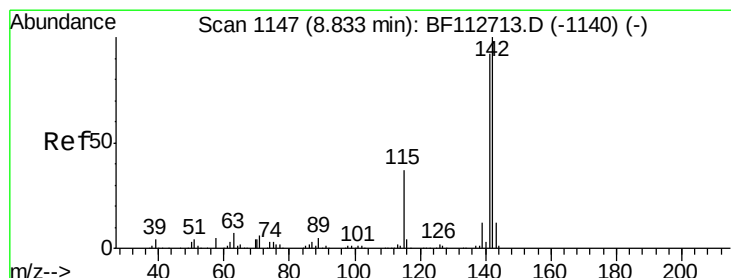
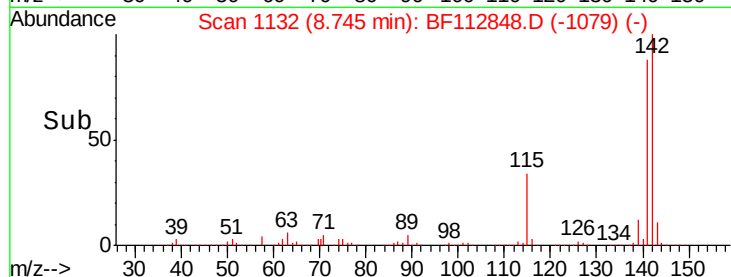
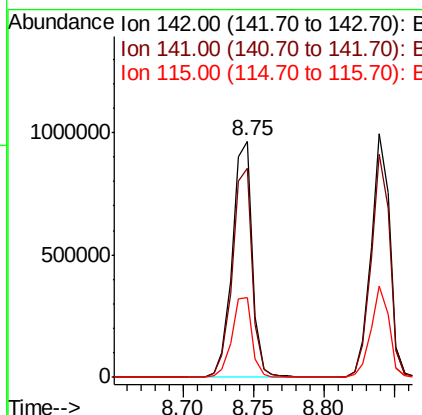
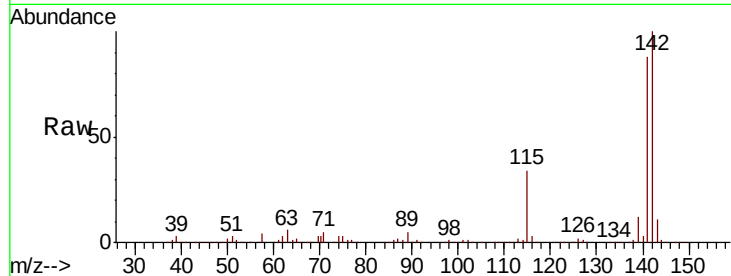
#37
2-Methylnaphthalene
Concen: 39.779 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	33.6	27.8	41.6

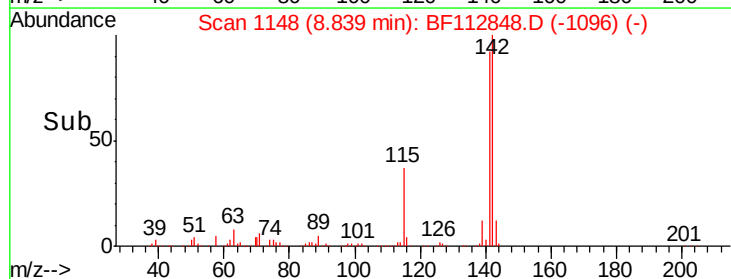
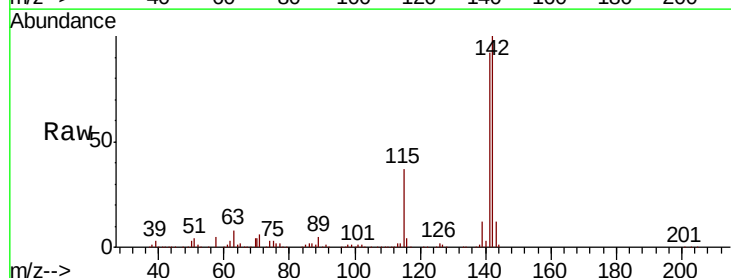
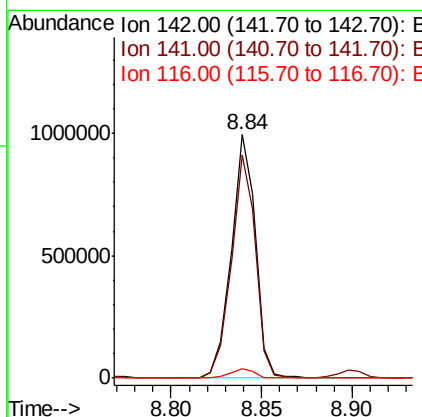
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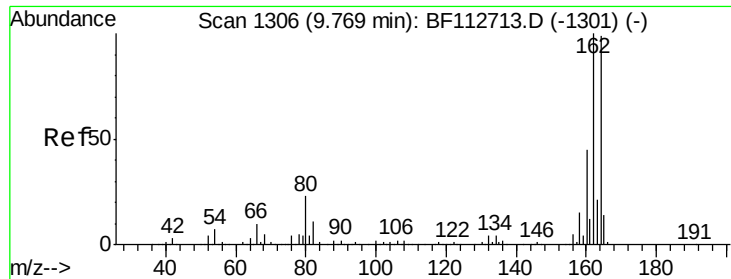
Sohil
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#38
1-Methylnaphthalene
Concen: 39.675 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
116	3.8	3.1	4.7





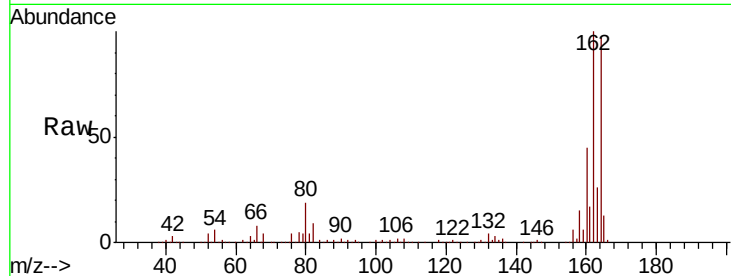
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.6	120.8
160	46.5	36.0	54.0

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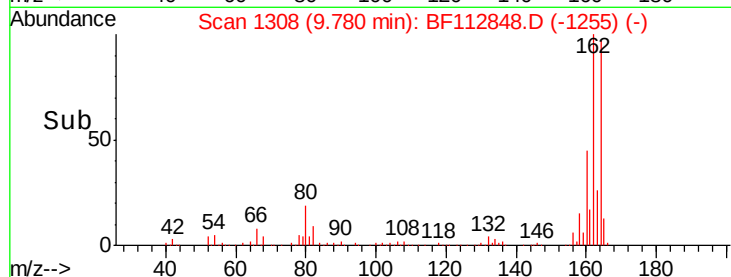
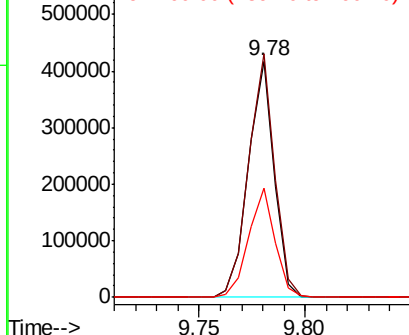


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.480 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.2	94.8
179	20.9	17.5	26.3
108	18.6	16.7	25.1

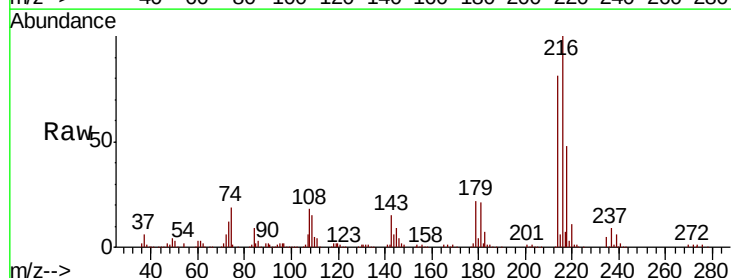
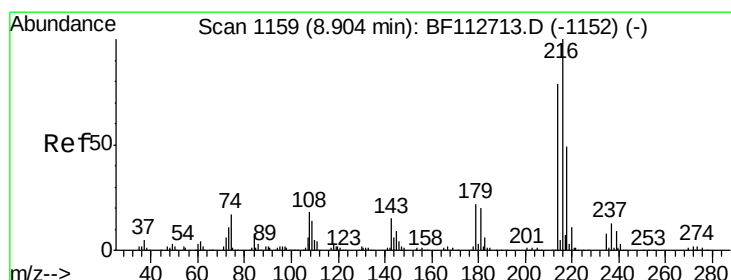
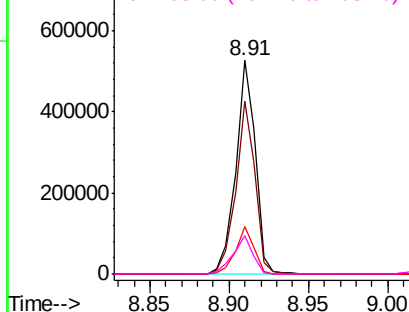
Abundance

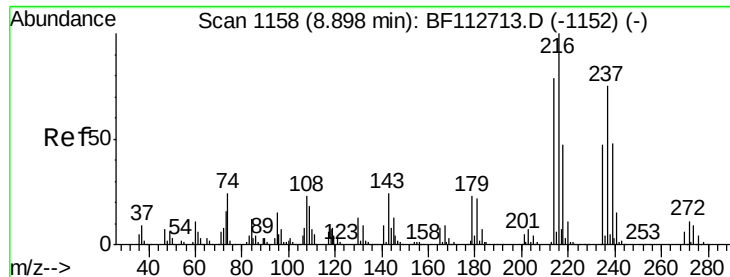
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.565 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

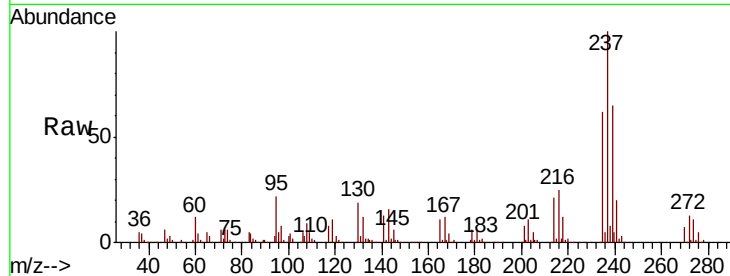
ClientSampleId :

SSTDCCC040

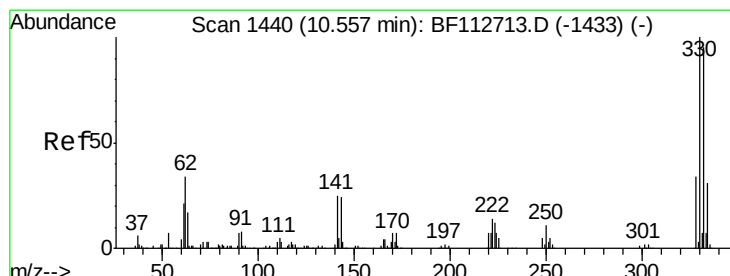
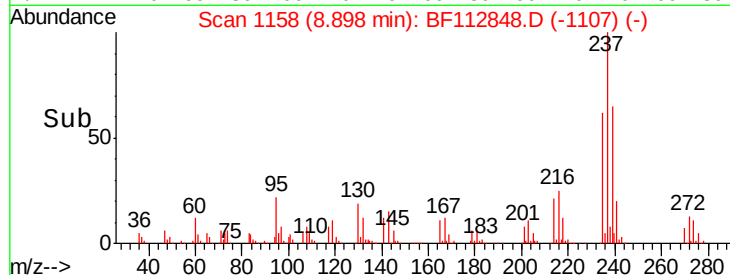
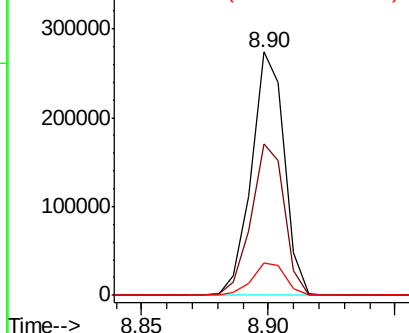
Tot Ion:	237	Resp:	247313
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.2	82.2
272	13.3	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 95.884 ng

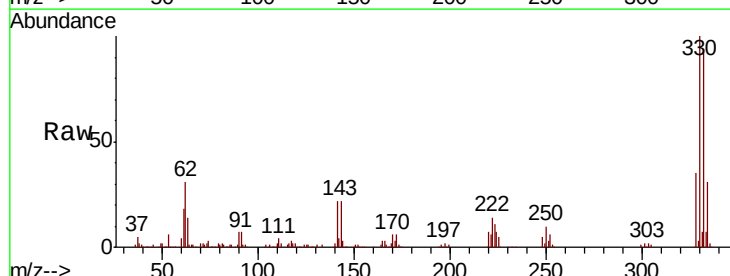
RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

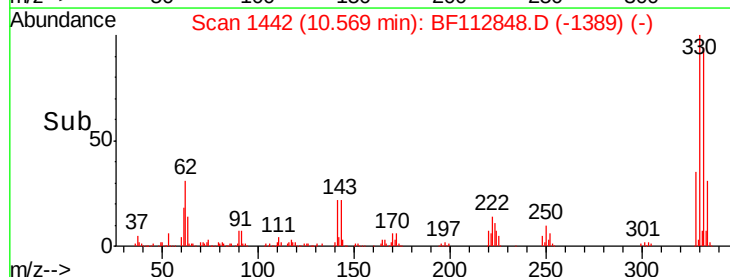
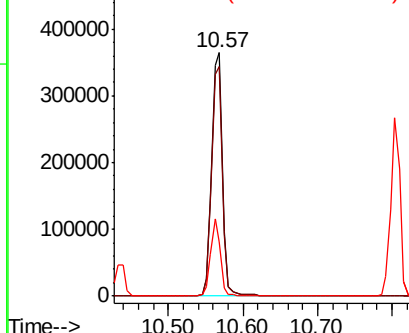
Lab File: BF112848.D

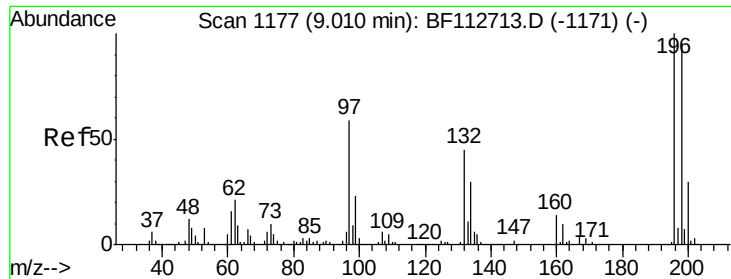
Acq: 5 Mar 2019 11:44

Tgt Ion:	330	Resp:	361878
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.2	114.4
141	29.0	27.0	40.6



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





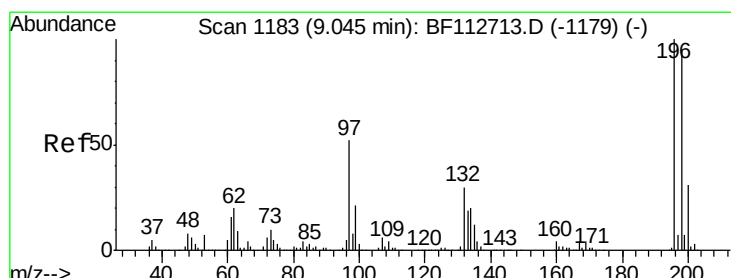
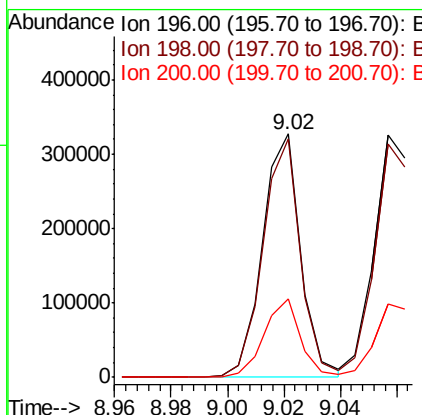
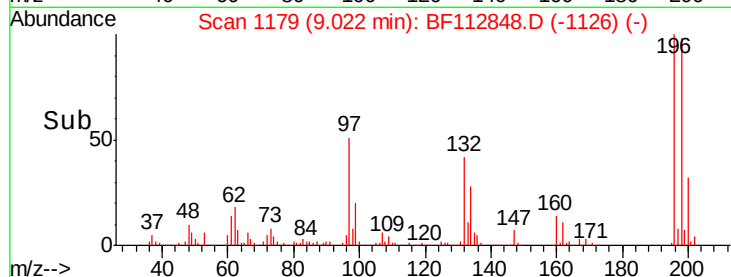
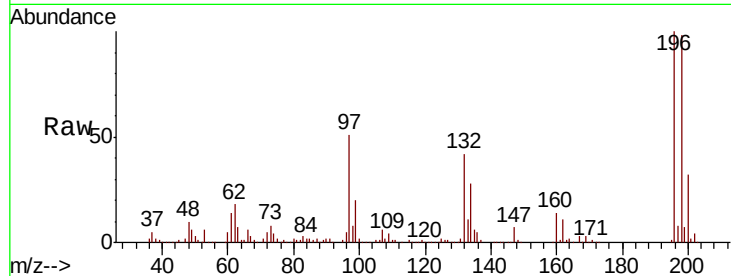
#43
 2,4,6-Trichlorophenol
 Concen: 42.995 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	306760		
198	97.9	75.8	113.8	
200	32.4	24.3	36.5	

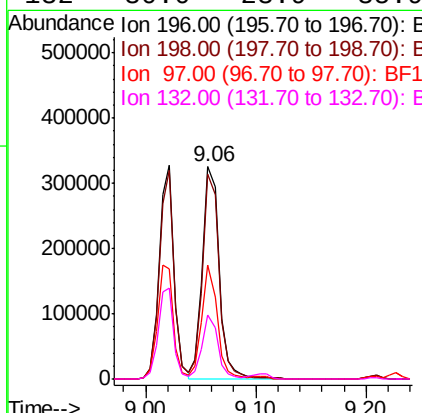
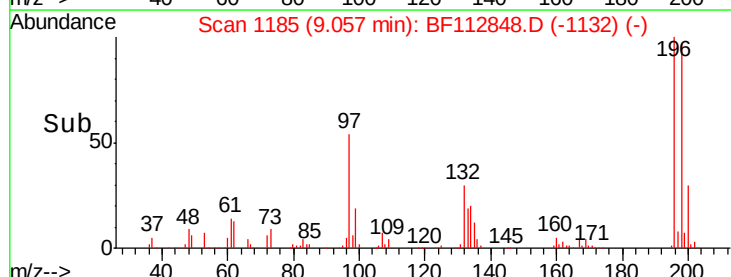
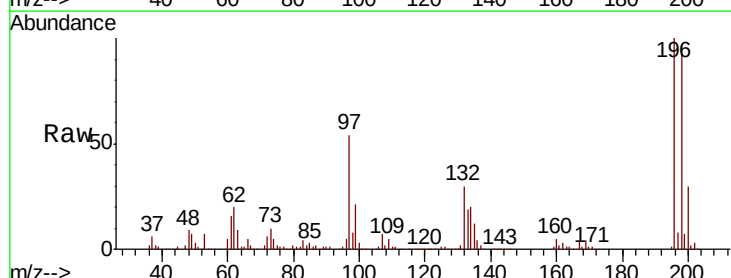
Manual Integrations
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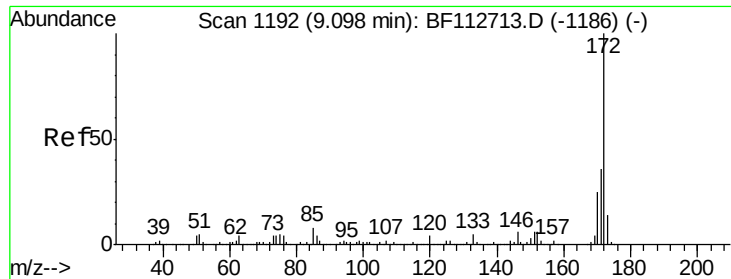
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 43.349 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	334303		
198	96.6	76.2	114.2	
97	54.0	41.5	62.3	
132	30.0	23.9	35.9	





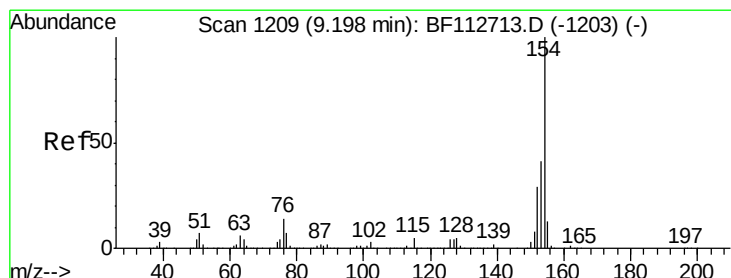
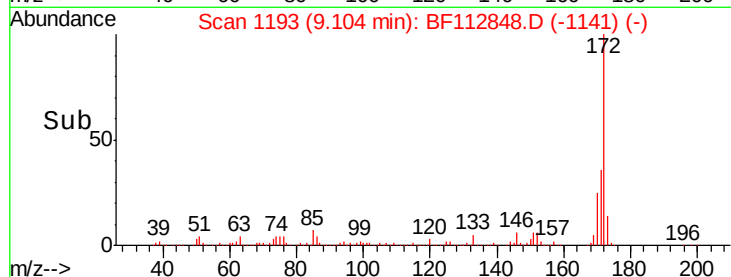
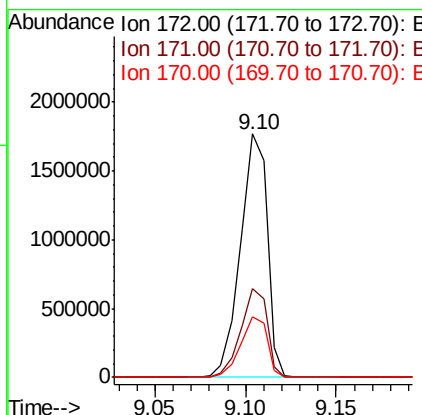
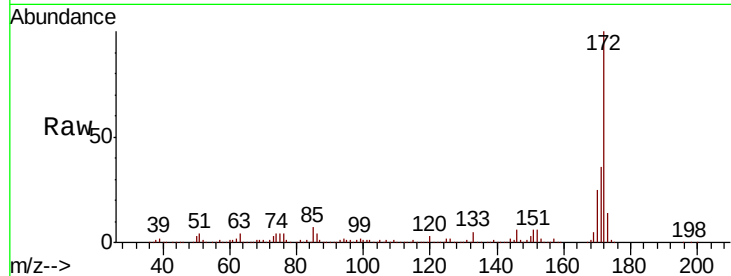
#45
2-Fluorobiphenyl
Concen: 84.911 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
172	172	100		
171	171	36.3	29.0	43.4
170	170	25.0	20.0	30.0

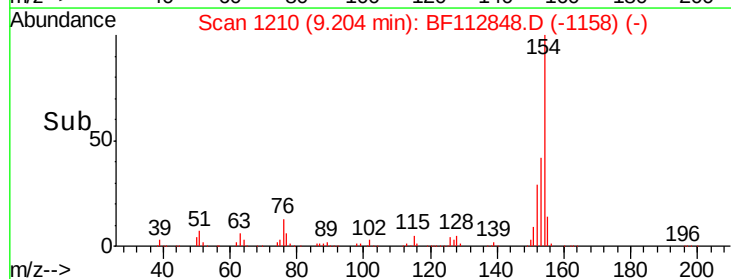
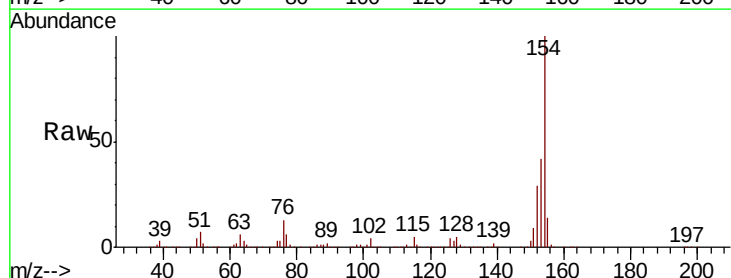
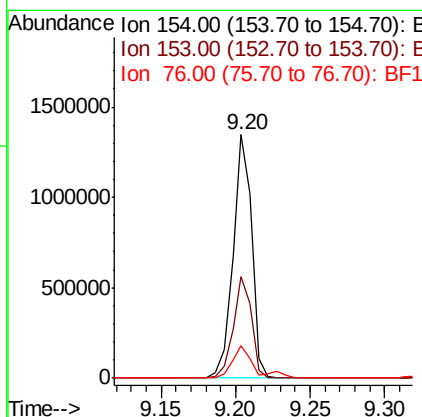
Manual Integrations
APPROVED

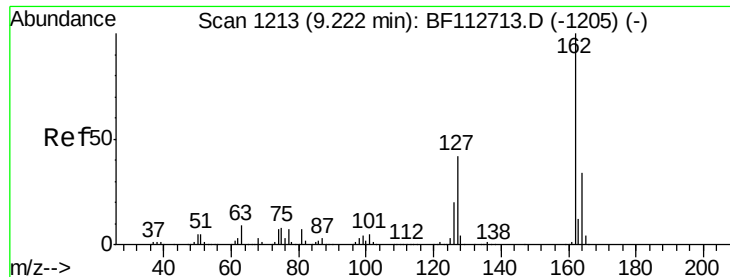
Sohil
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#46
1,1'-Biphenyl
Concen: 40.871 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
154	154	100		
153	153	41.5	20.8	60.8
76	76	13.5	0.0	33.8





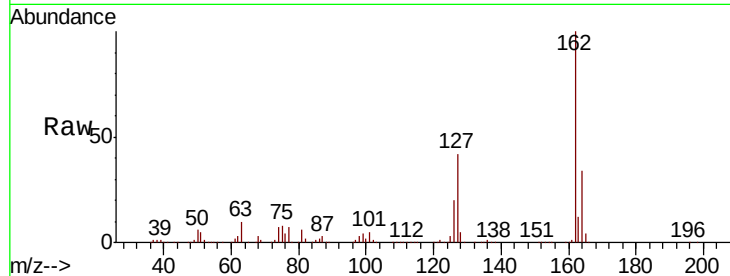
#47
2-Chloronaphthalene
Concen: 40.081 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	33.6	26.9	40.3

Manual Integrations
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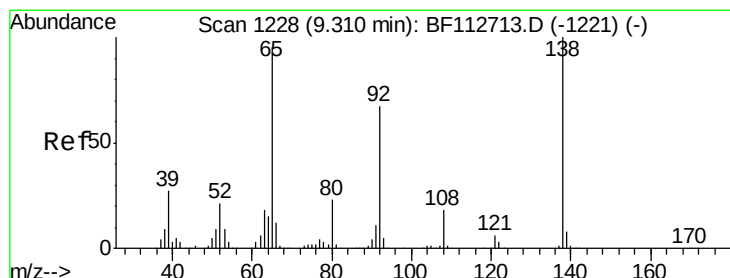
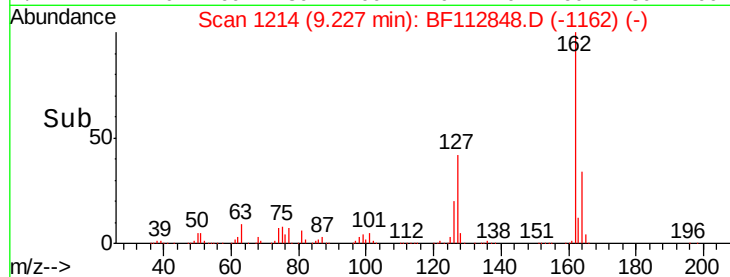
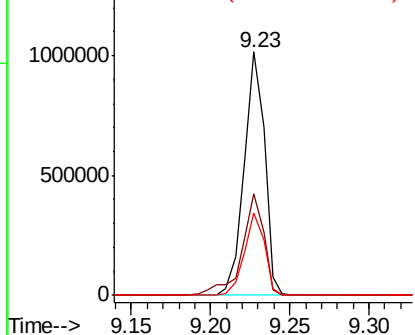


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.593 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

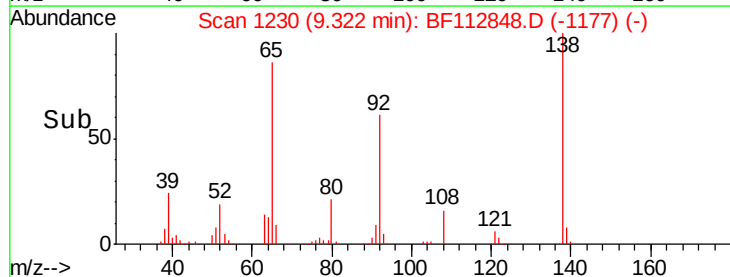
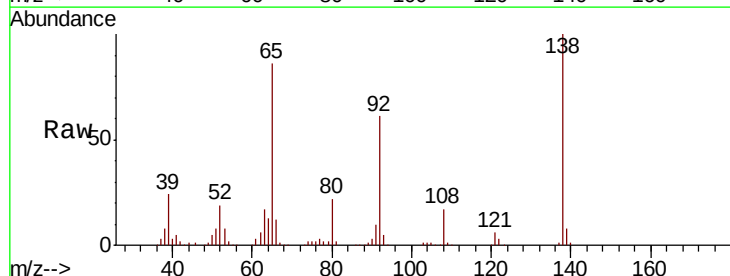
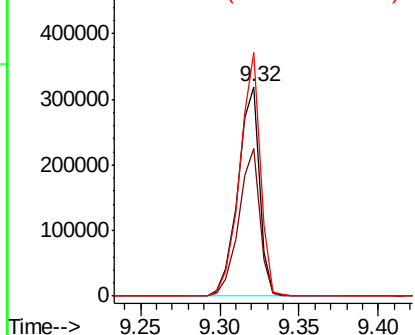
Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.4	84.6
138	116.4	84.6	126.8

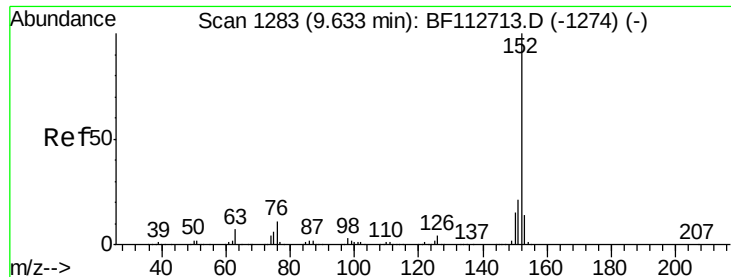
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.233 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1508048

Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

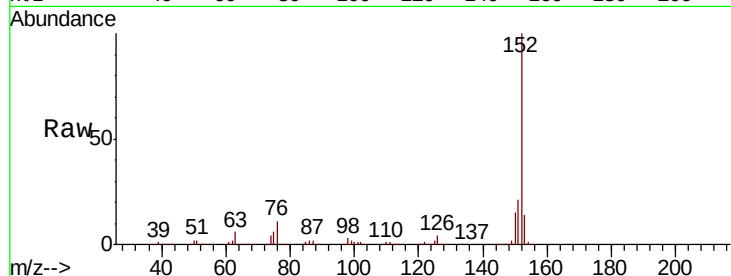
153 14.1 11.0 16.6

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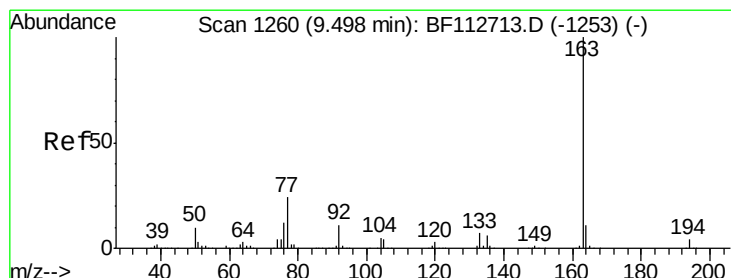
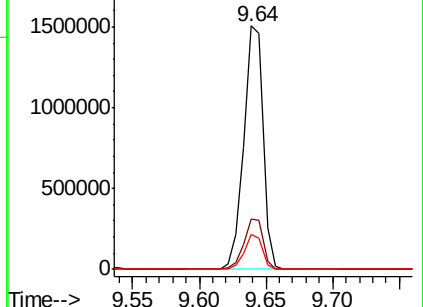
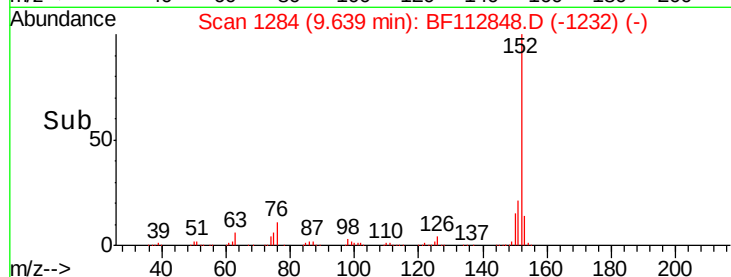
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.148 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

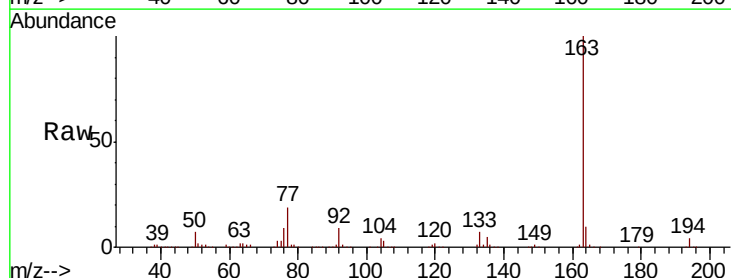
Tgt Ion:163 Resp: 1078623

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.4

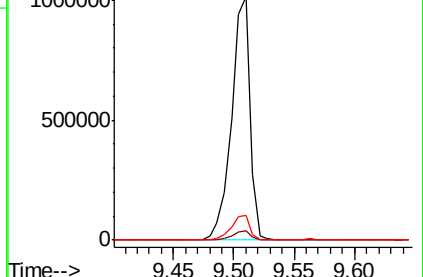
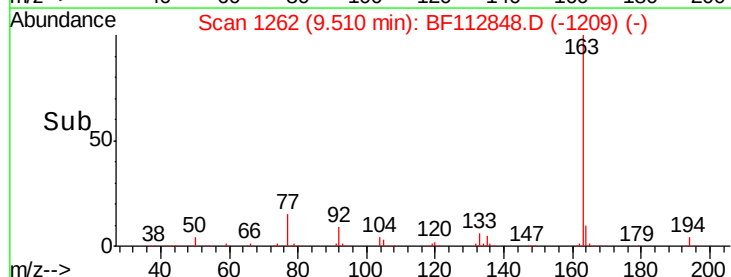
164 10.2 8.4 12.6

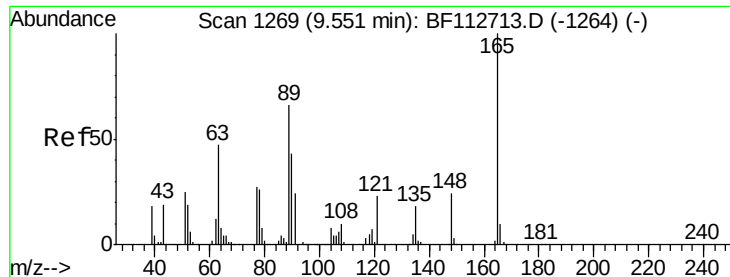


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





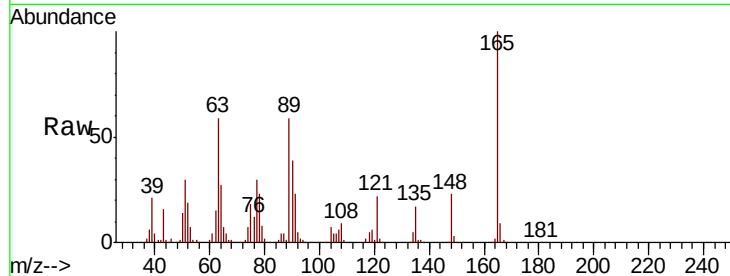
#51
2,6-Dinitrotoluene
Concen: 45.393 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

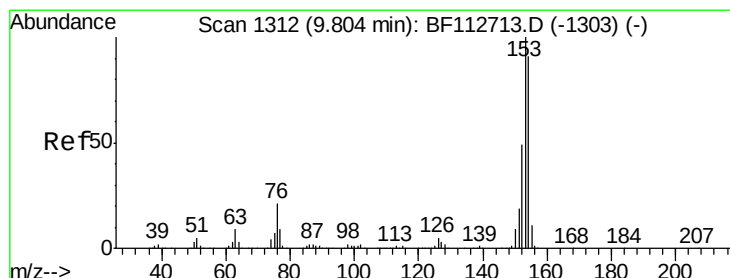
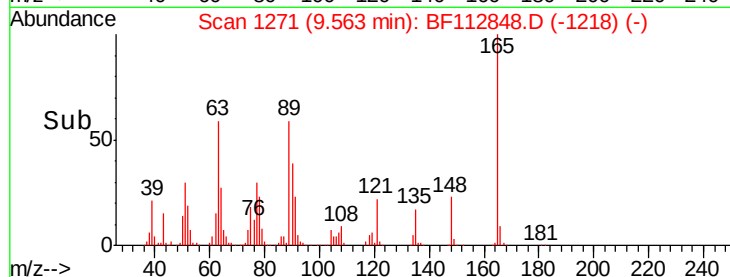
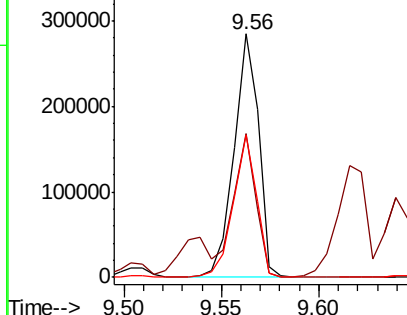
Tot Ion	Ratio	Resp	Lower	Upper
165	100	247785		
63	59.1		54.1	81.1
89	58.6		52.8	79.2

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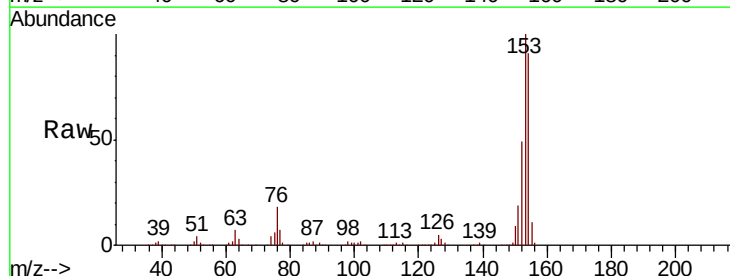


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

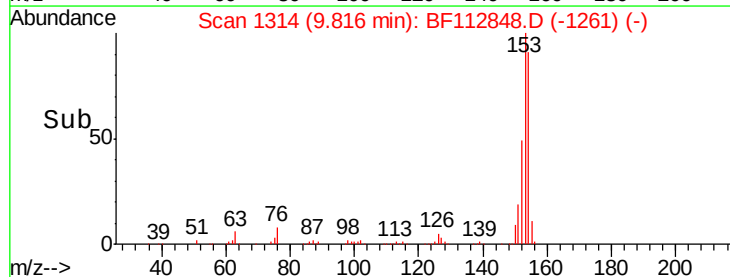
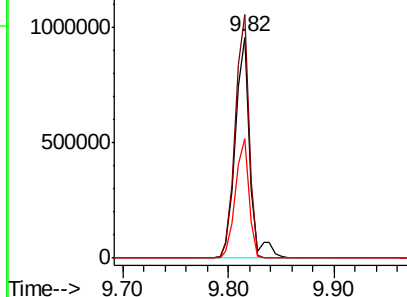


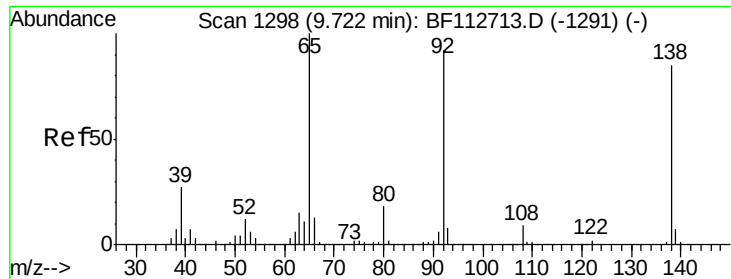
#52
Acenaphthene
Concen: 40.286 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	905557		
153	110.2		87.8	131.8
152	54.2		43.0	64.6



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





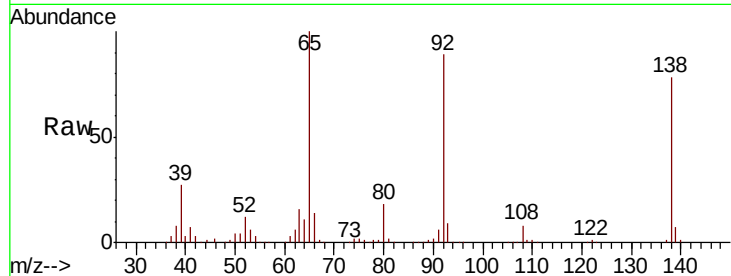
#53
3-Nitroaniline
Concen: 42.914 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.6	13.0
92	114.1	86.6	129.8

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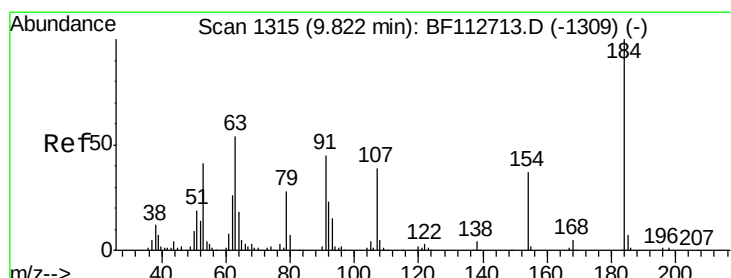
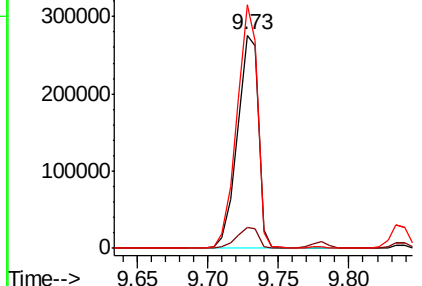
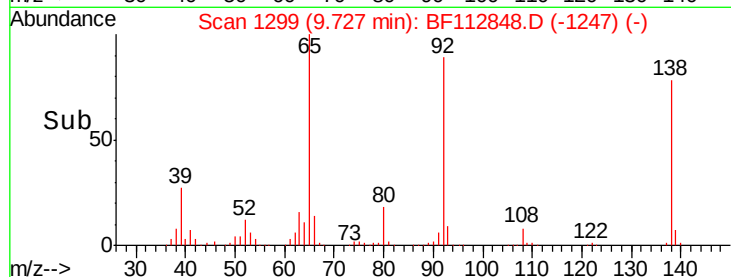


Abundance

Ion 138.00 (137.70 to 138.70): E

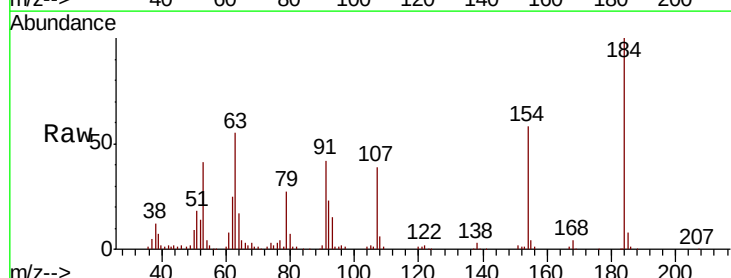
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 53.428 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.9	45.3	67.9
154	58.0	46.0	69.0

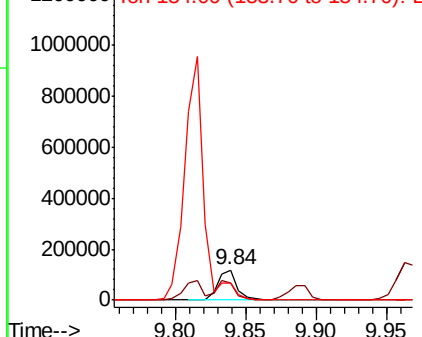
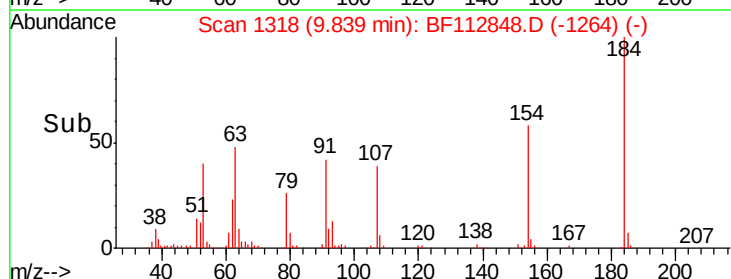


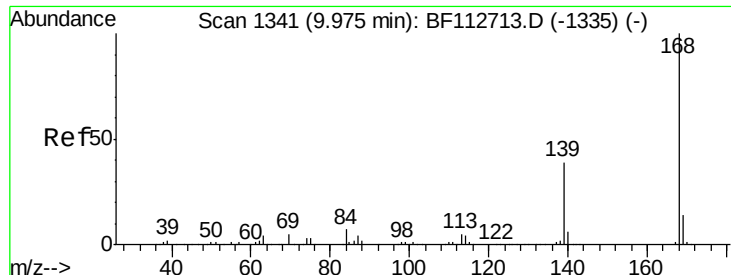
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





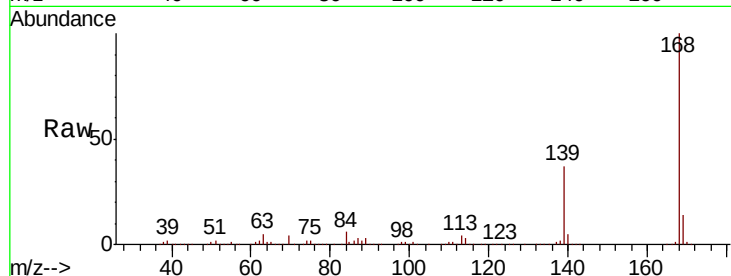
#55
Dibenzenofuran
Concen: 39.562 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

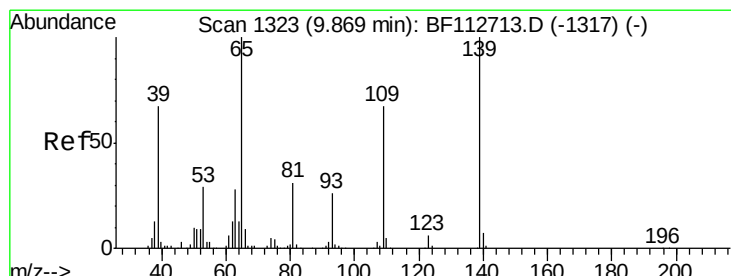
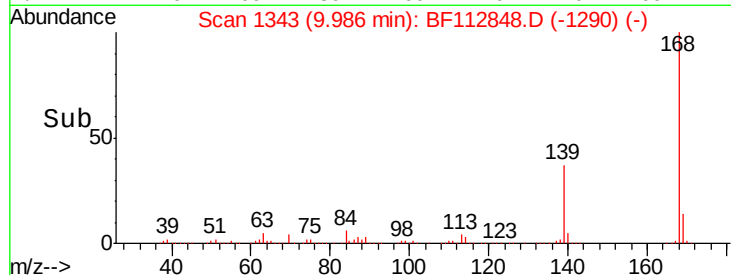
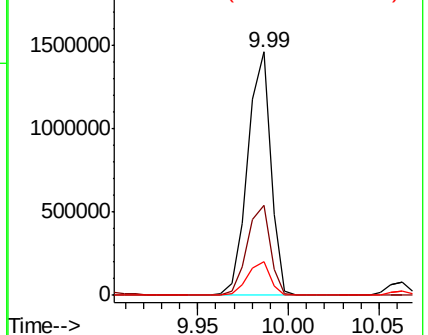
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.3	46.9
169	13.7	11.3	16.9

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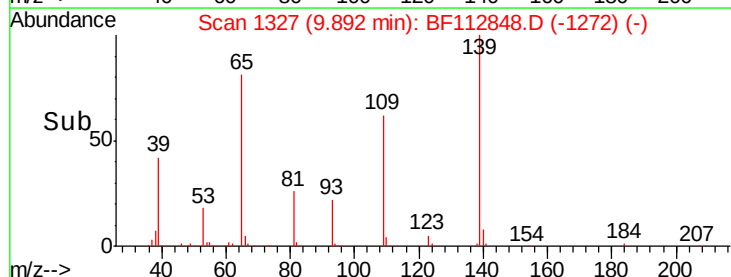
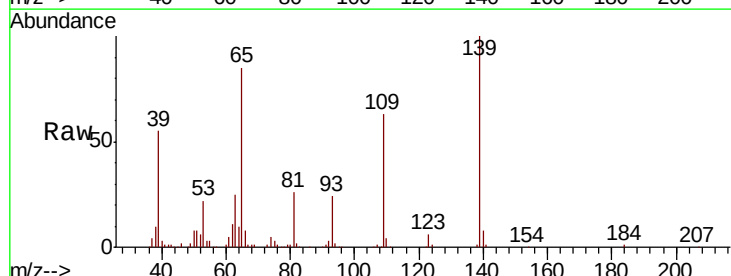
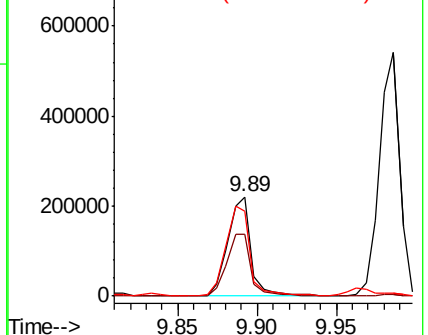
Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

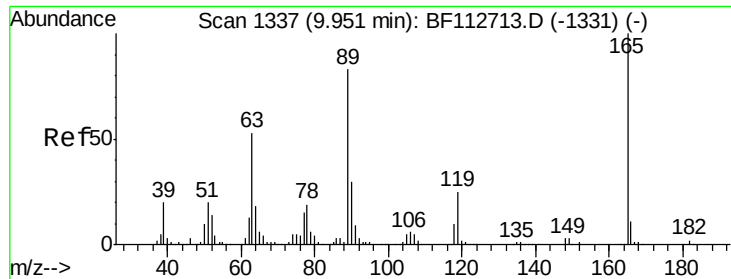


#56
4-Nitrophenol
Concen: 41.735 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	46.8	86.8
65	85.4	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





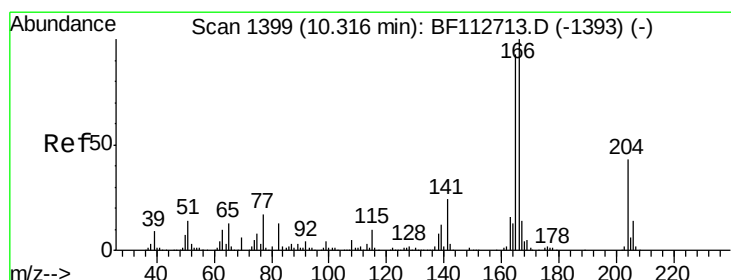
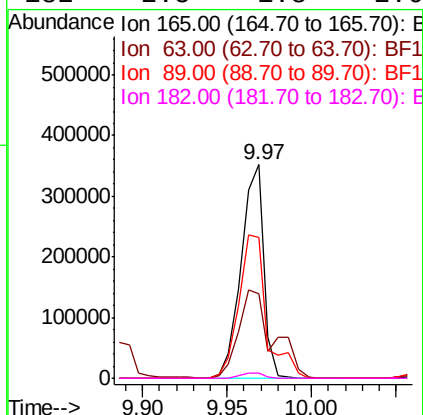
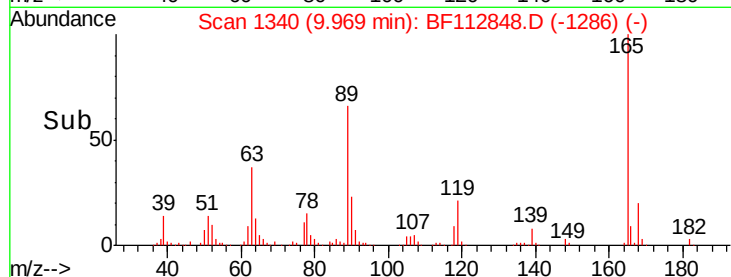
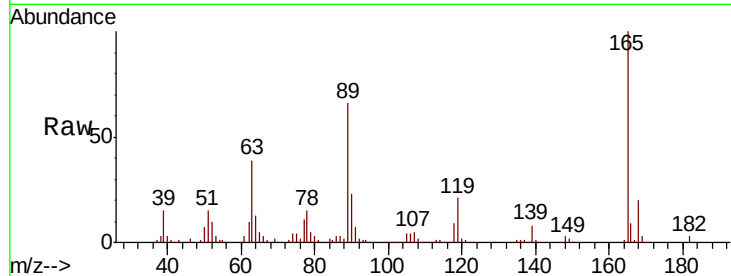
#57
2,4-Dinitrotoluene
Concen: 48.292 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.4	42.2	63.2#
89	66.1	66.2	99.4#
182	2.5	1.8	2.6

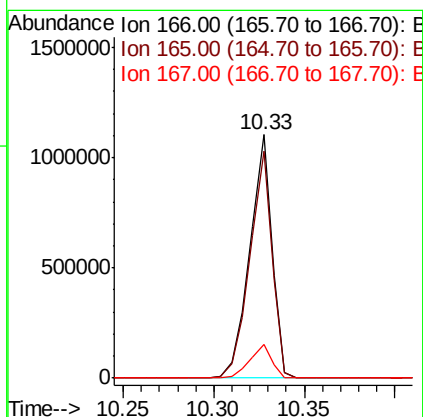
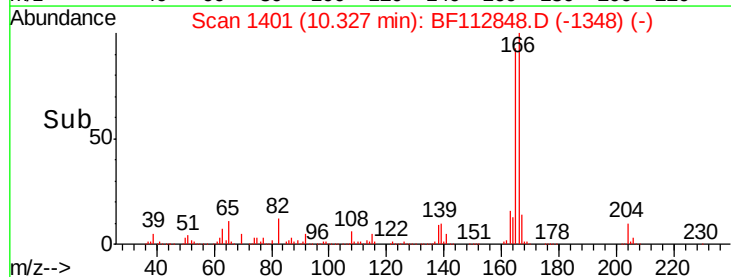
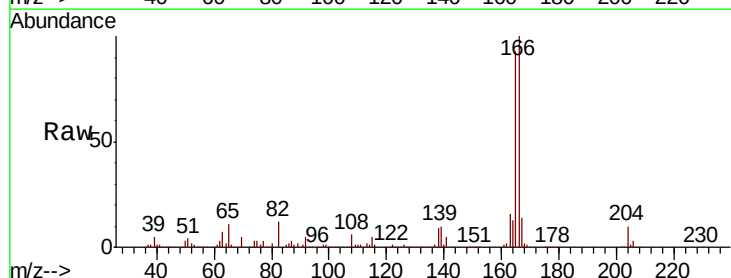
Manual Integrations
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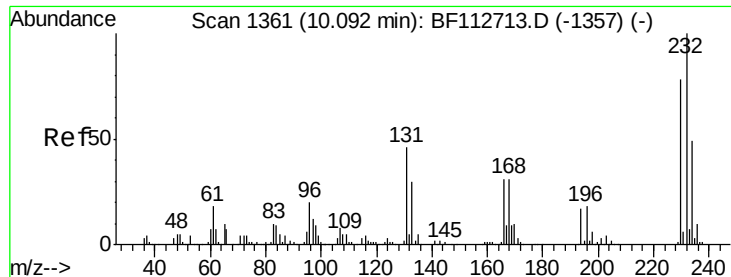
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#58
Fluorene
Concen: 40.602 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	74.7	112.1
167	13.6	11.0	16.6





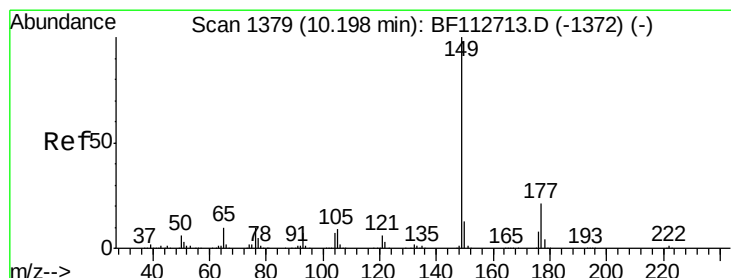
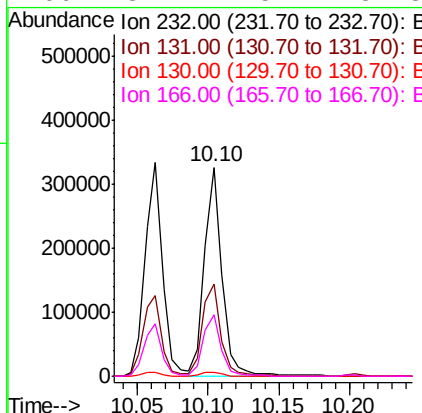
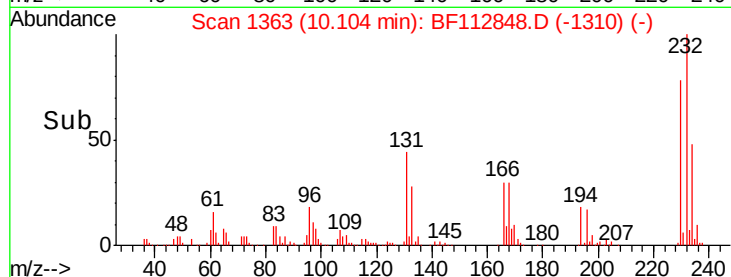
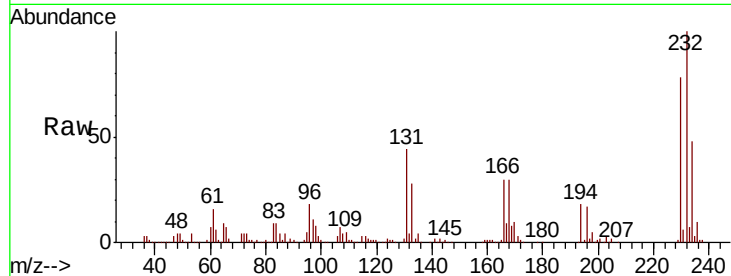
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.986 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	38.7	58.1
130	2.2	1.9	2.9
166	31.2	25.2	37.8

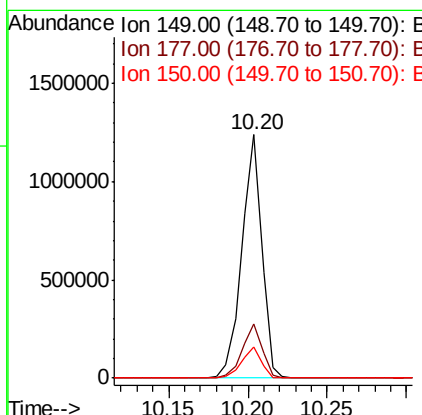
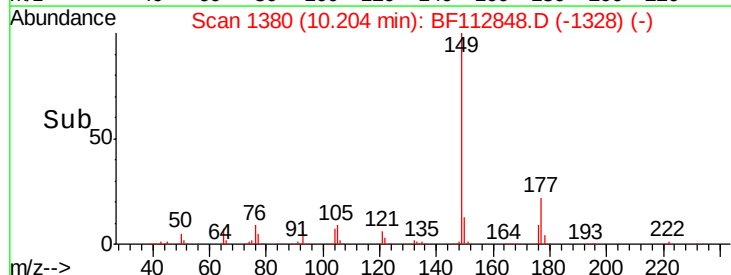
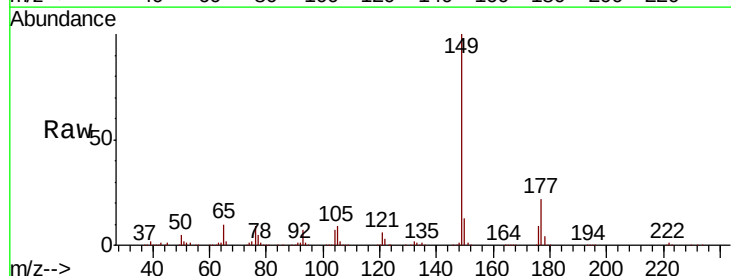
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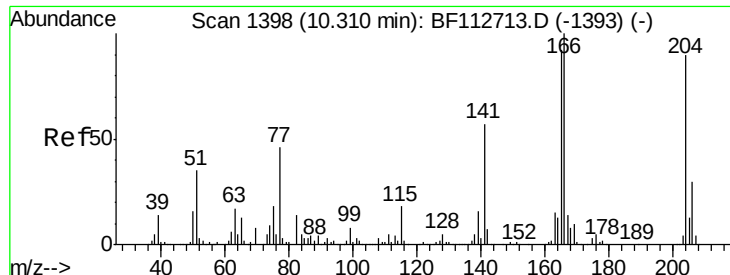
Sohil
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#60
Diethylphthalate
Concen: 39.030 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.0	25.6
150	12.5	10.0	15.0





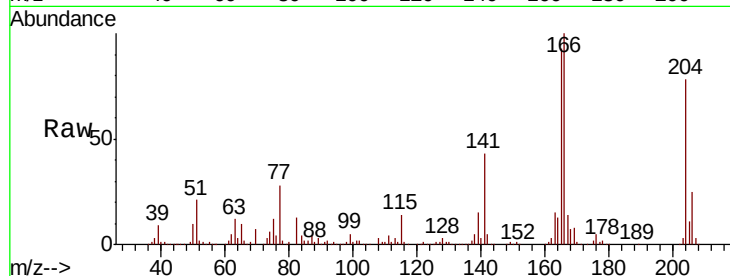
#61
4-Chlorophenyl-phenylether
Concen: 43.074 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	40.0
141	55.2	50.8	76.2

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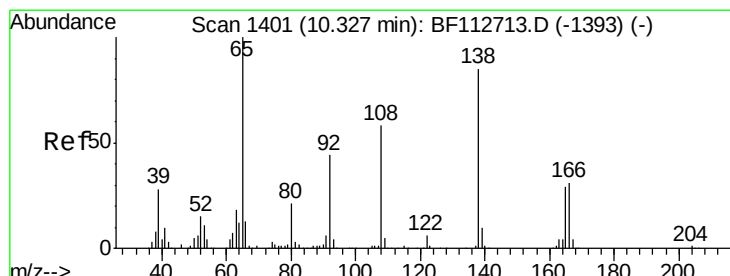
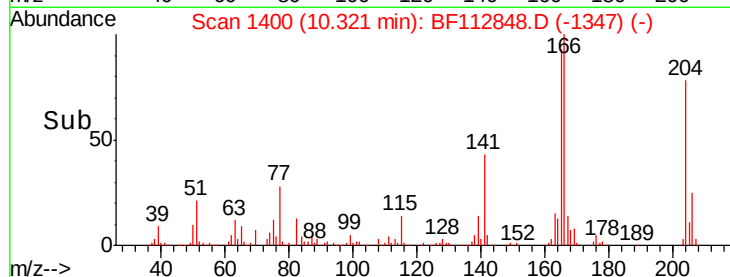
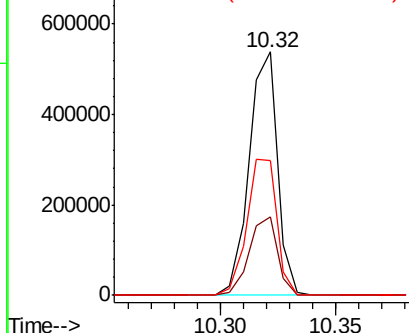


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.078 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

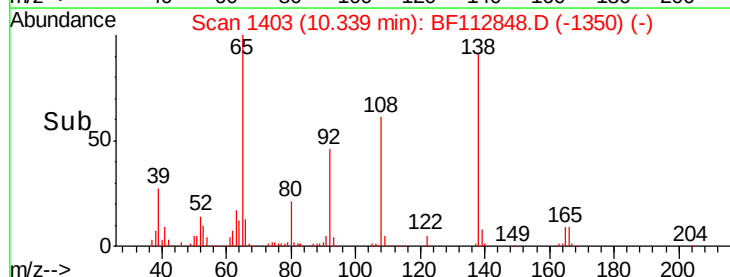
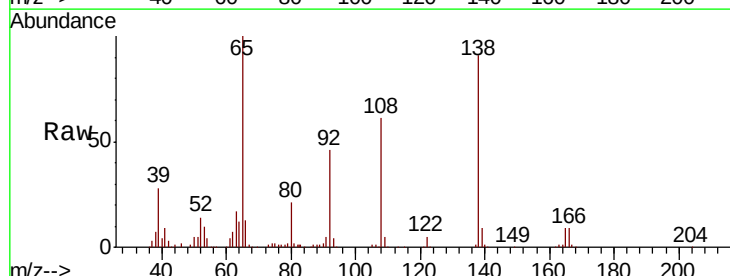
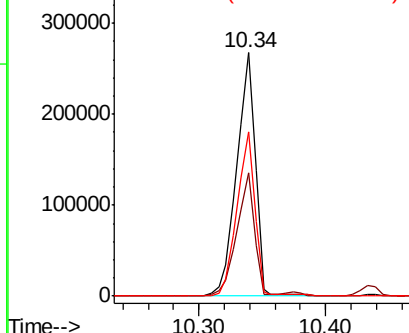
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.3	71.3
108	67.2	48.1	88.1

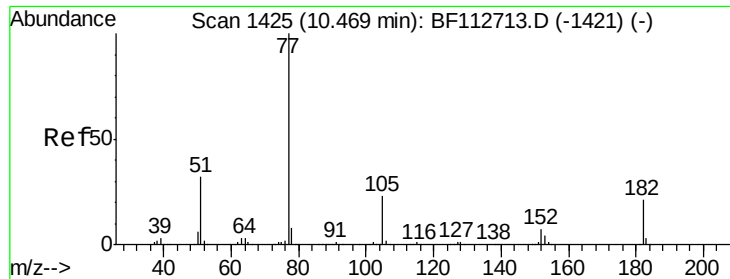
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 36.904 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1046482

Ion Ratio Lower Upper

77 100

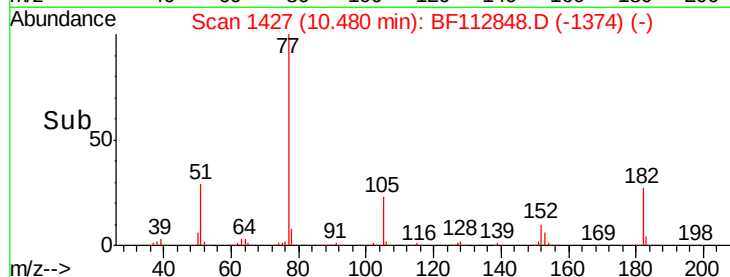
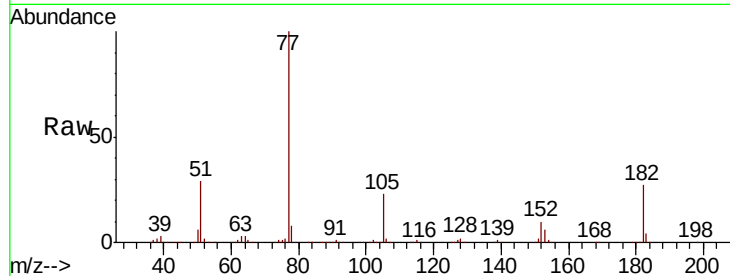
182 27.4 1.4 41.4

105 22.9 2.6 42.6

51 29.4 12.0 52.0

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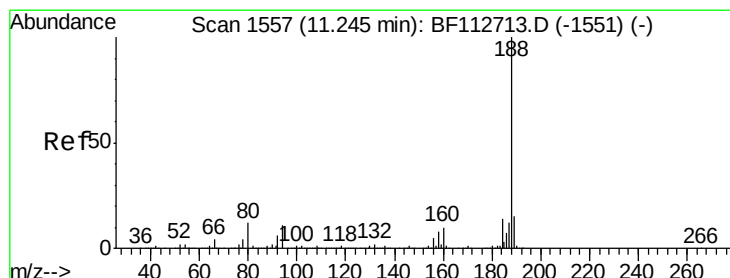
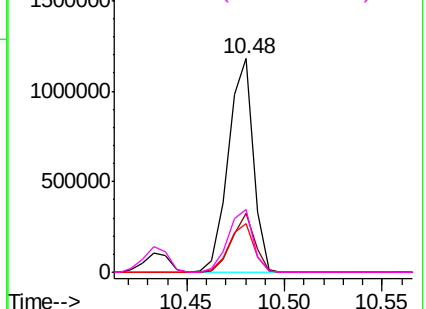


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

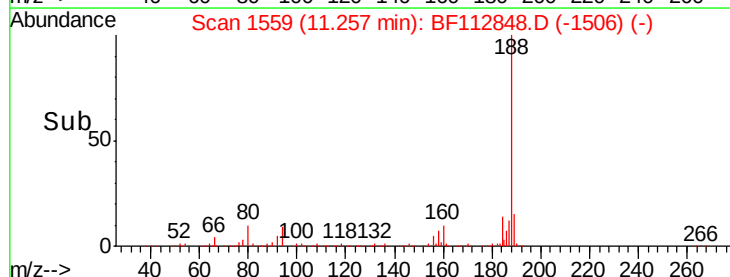
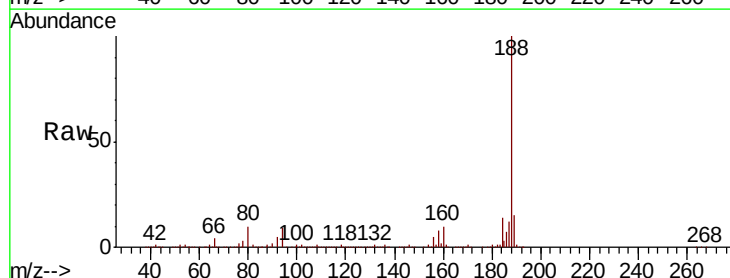
Tgt Ion: 188 Resp: 718847

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

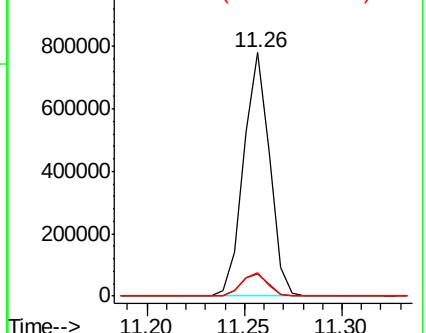
80 9.8 9.2 13.8

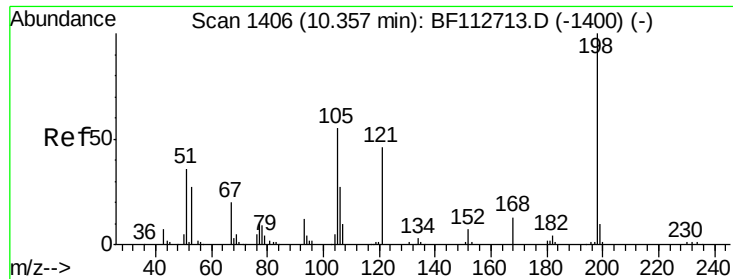


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





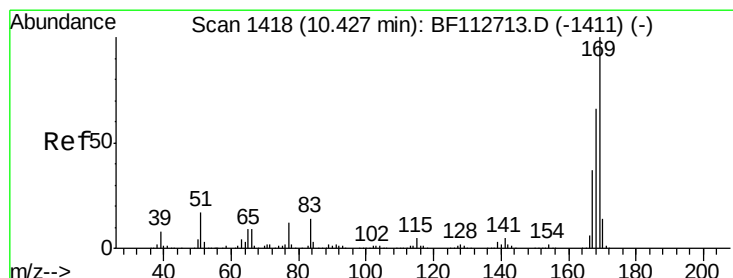
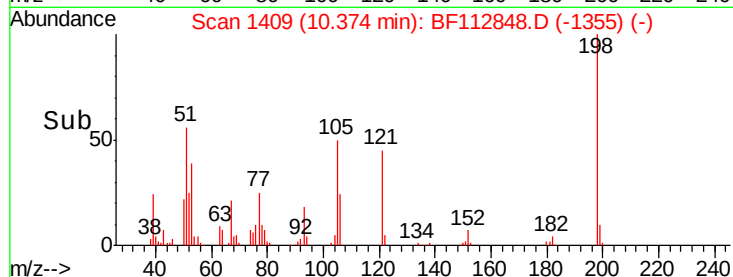
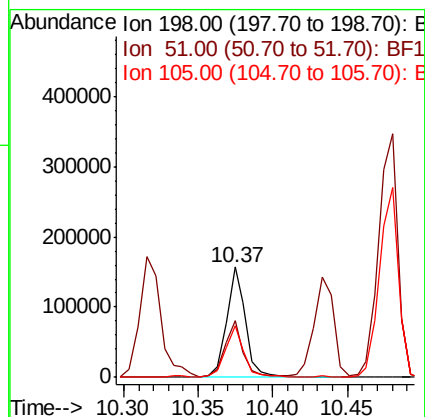
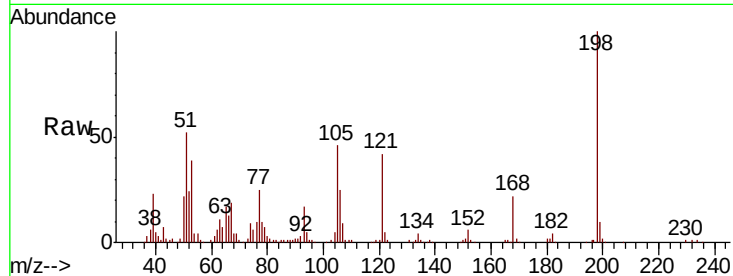
#65
4,6-Dinitro-2-methylphenol
Concen: 48.093 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.8	43.8	83.8
105	46.5	36.5	76.5

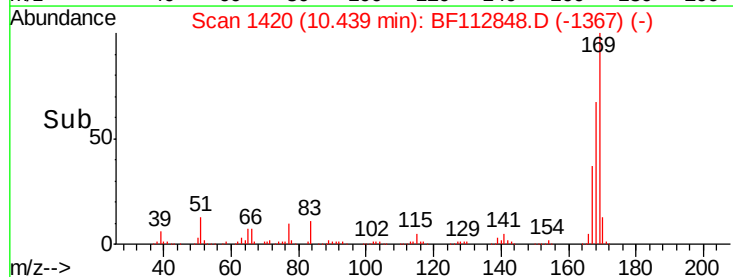
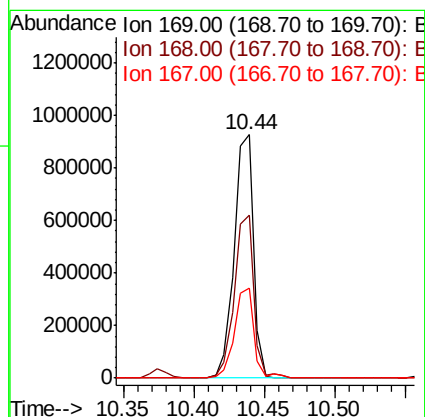
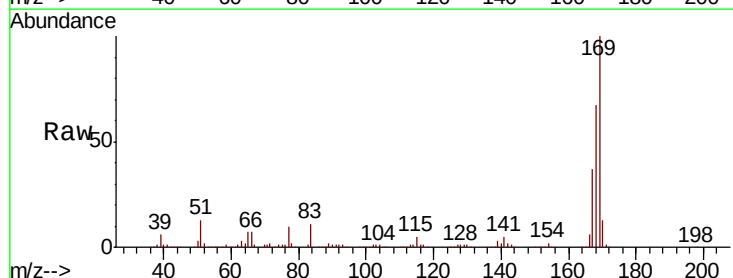
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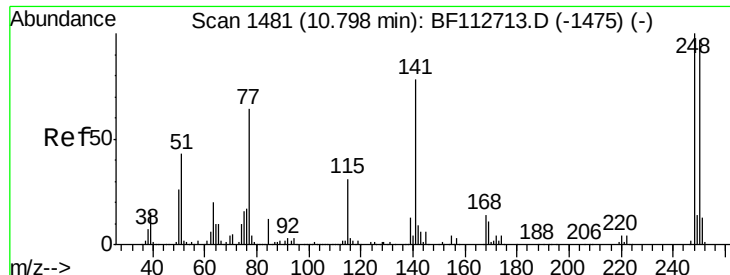
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#66
n-Nitrosodiphenylamine
Concen: 38.184 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.0	79.6
167	37.1	29.3	43.9





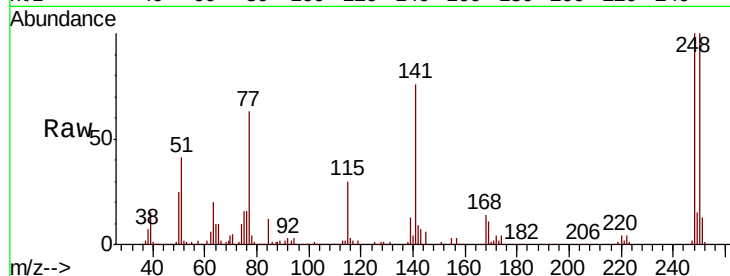
#67
4-Bromophenyl-phenylether
Concen: 42.368 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.5	116.3
141	76.4	62.4	93.6

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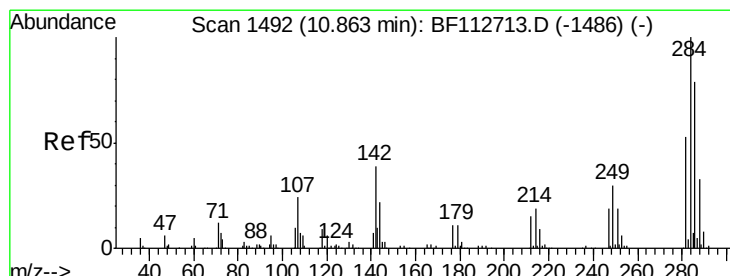
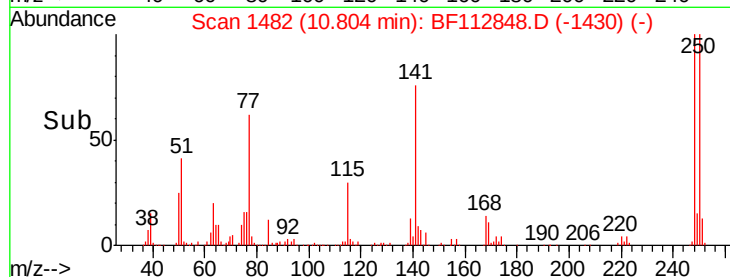
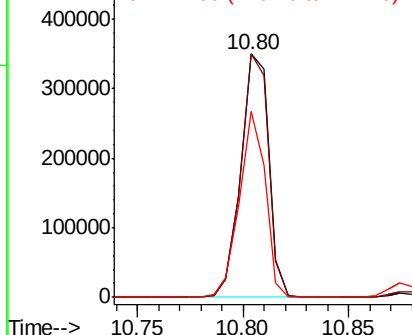


Abundance

Ion 248.00 (247.70 to 248.70): E

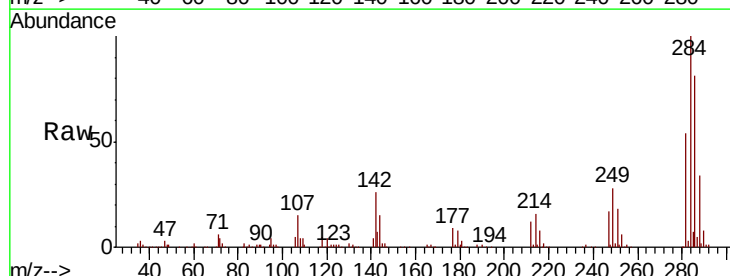
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.968 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.6	31.0	46.6#
249	27.9	23.6	35.4

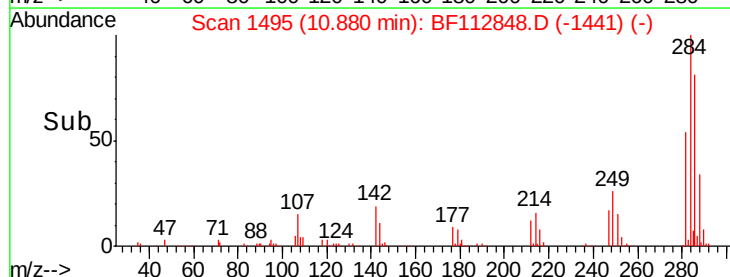
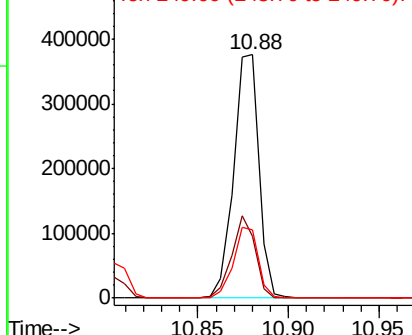


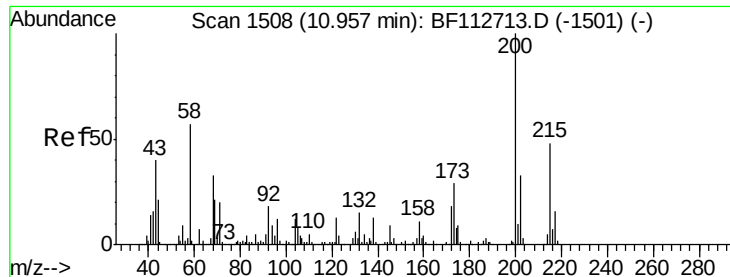
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.912 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

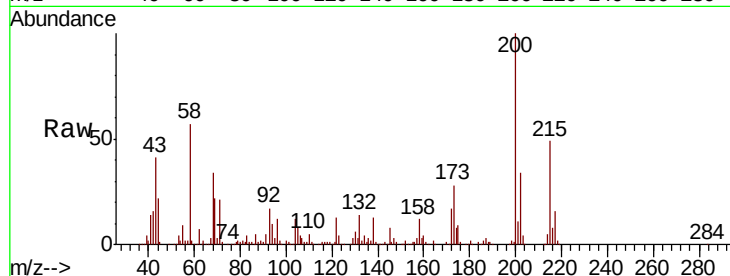
ClientSampleId :

SSTDCCC040

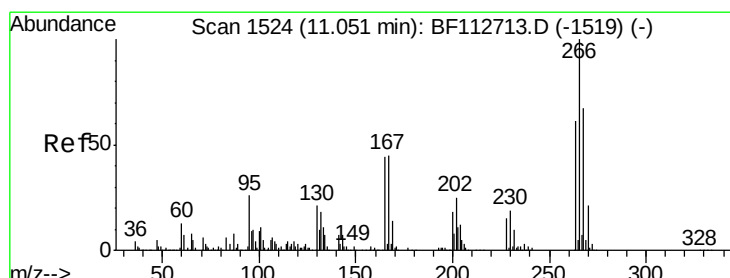
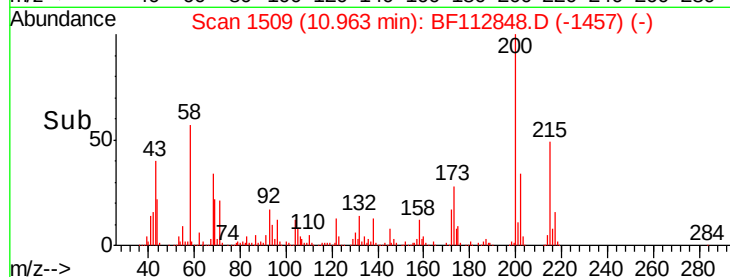
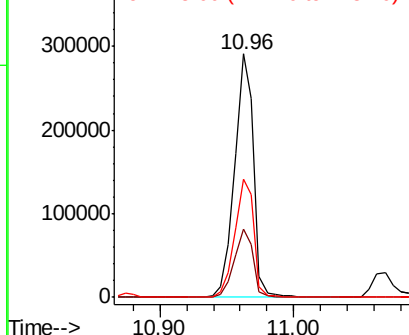
Tot Ion:	200	Resp:	288870
Ion Ratio	Lower	Upper	
200	100		
173	28.1	9.1	49.1
215	48.7	28.2	68.2

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 44.419 ng

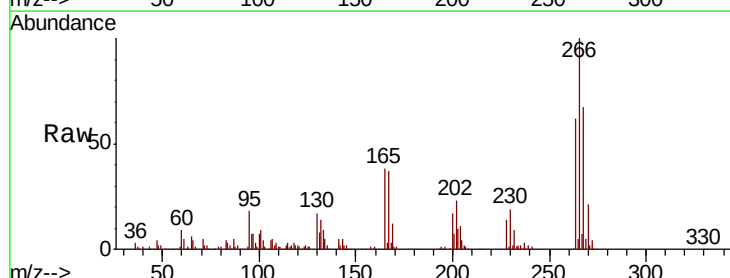
RT: 11.07 min Scan# 1527

Delta R.T. 0.02 min

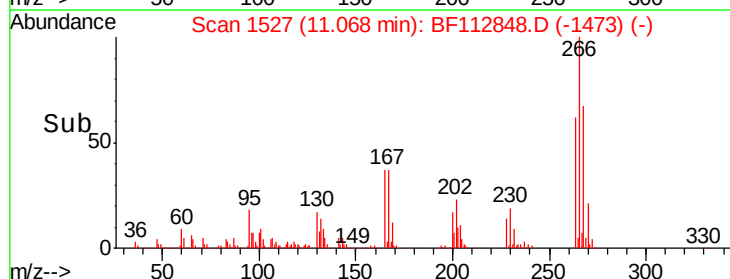
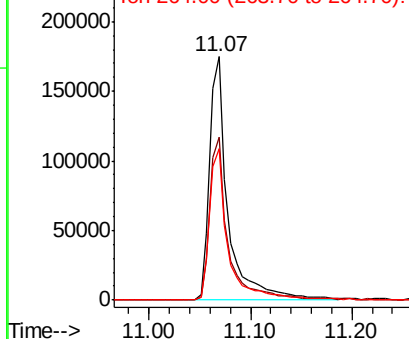
Lab File: BF112848.D

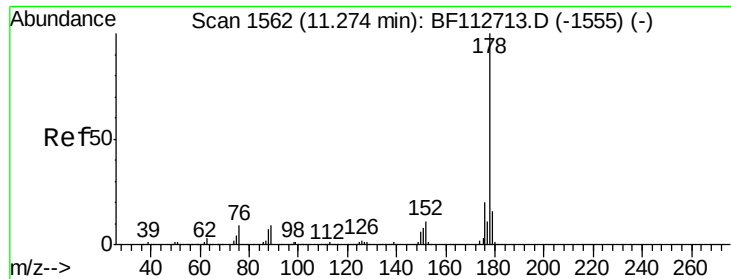
Acq: 5 Mar 2019 11:44

Tgt Ion:	266	Resp:	223141
Ion Ratio	Lower	Upper	
266	100		
268	66.9	53.3	79.9
264	62.4	48.9	73.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.853 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1425349

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

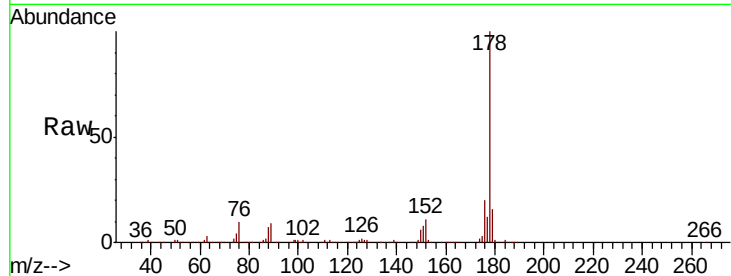
179 16.1 12.7 19.1

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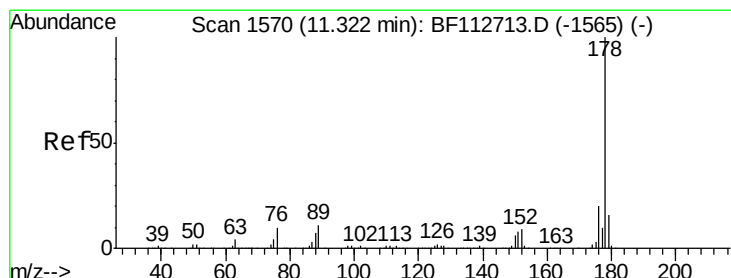
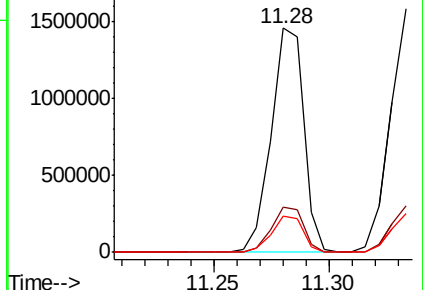
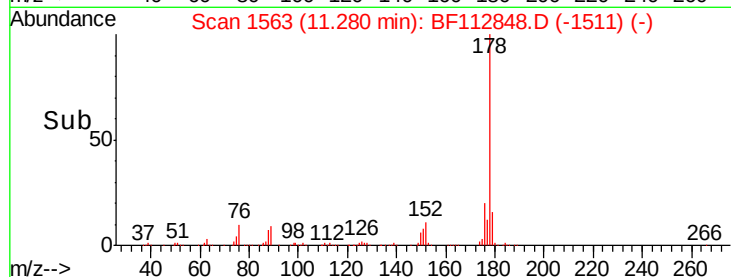
3/6/2019 12:24:20 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.828 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

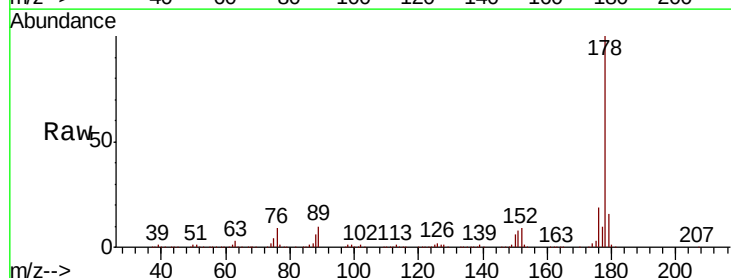
Tgt Ion:178 Resp: 1453664

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

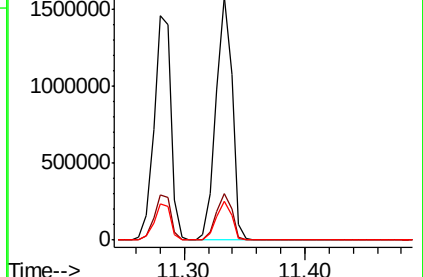
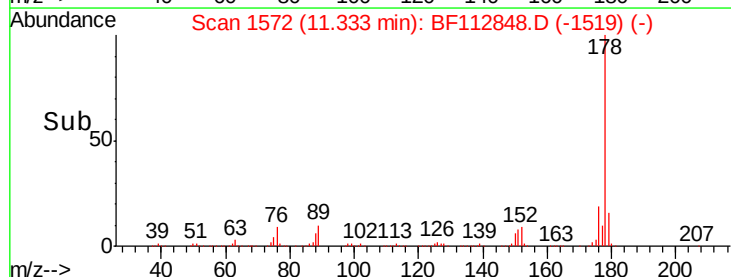
179 16.0 13.0 19.6

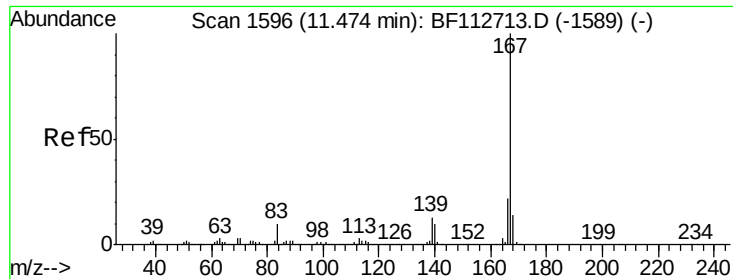


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.610 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1373585

Ion Ratio Lower Upper

167 100

166 22.2 17.5 26.3

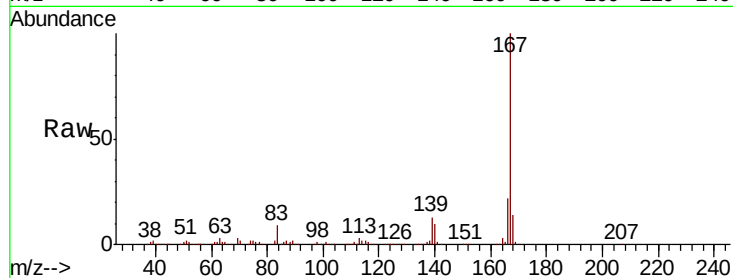
139 13.3 10.8 16.2

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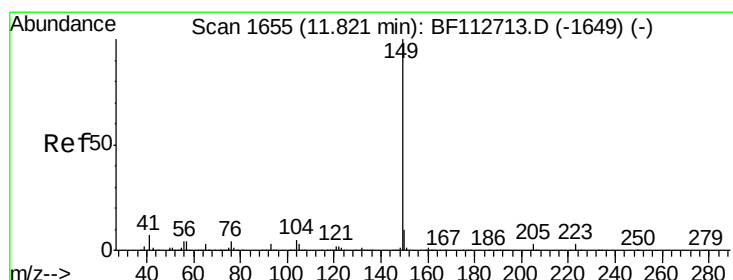
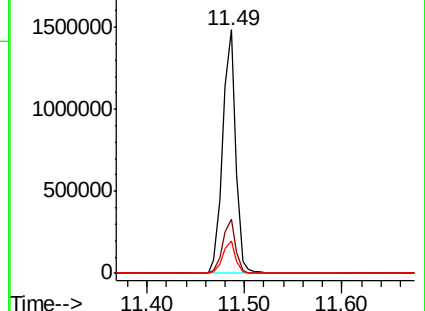
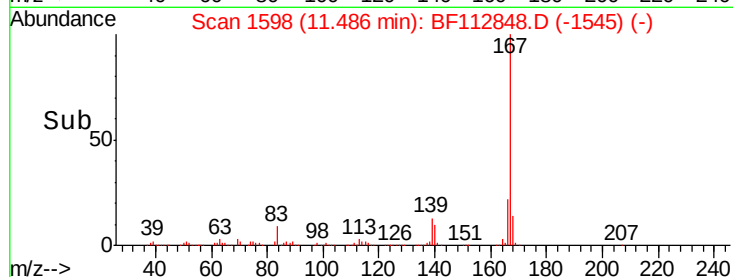
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.719 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

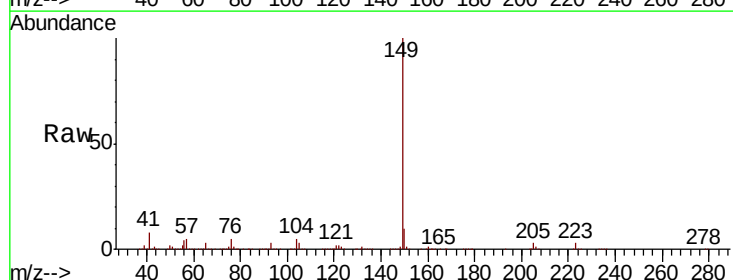
Tgt Ion:149 Resp: 1695542

Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

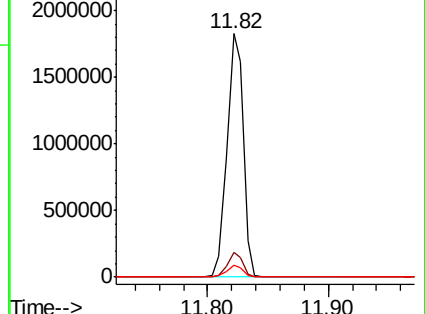
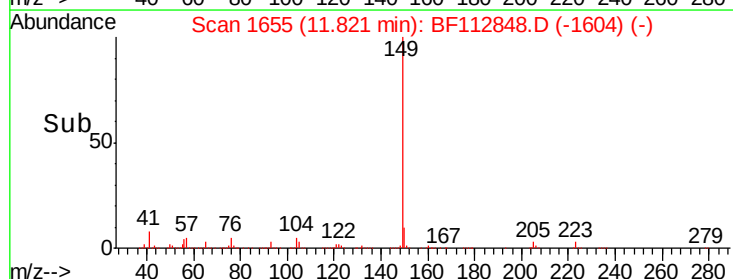
104 4.9 3.7 5.5

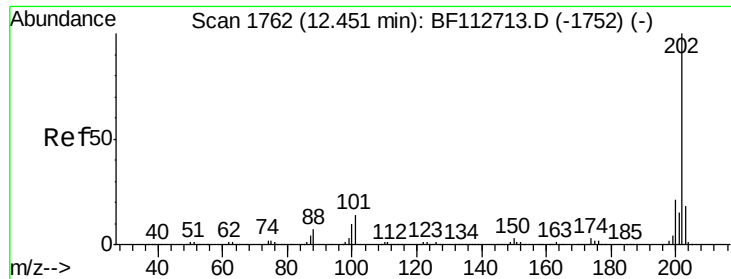


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





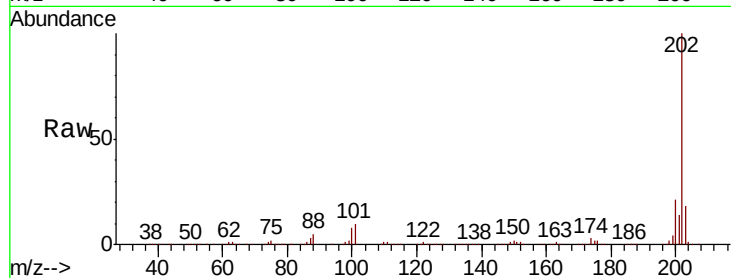
#75
Fluoranthene
Concen: 39.643 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

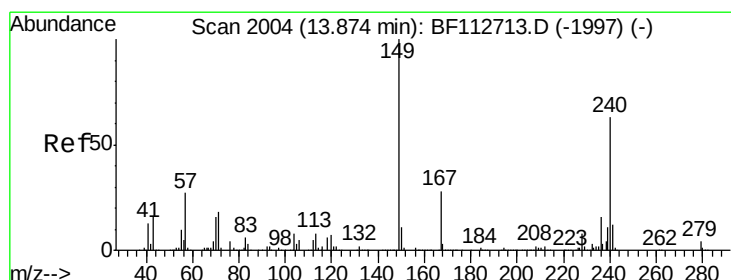
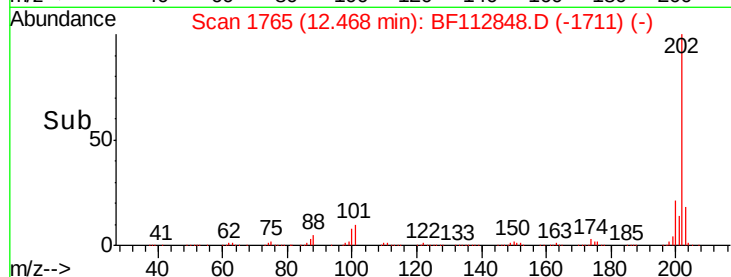
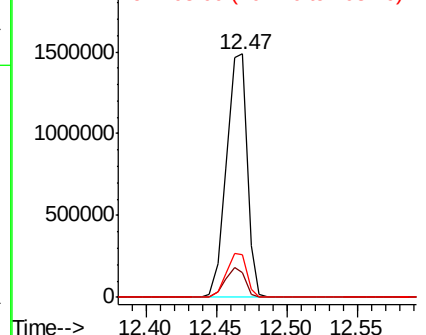
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	33.8
203	17.8	0.0	38.4

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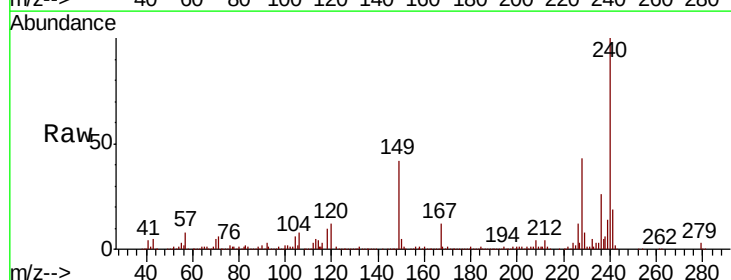


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

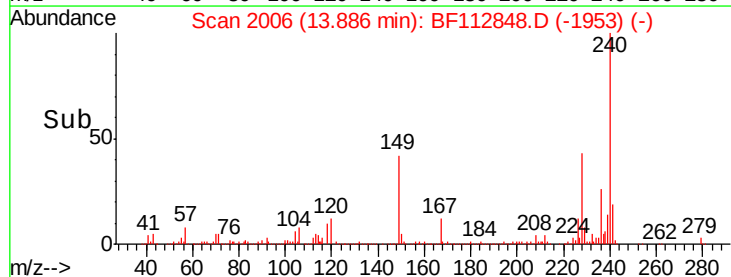
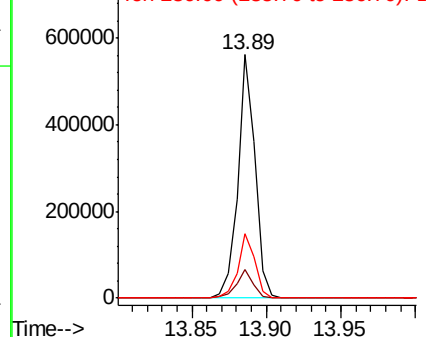


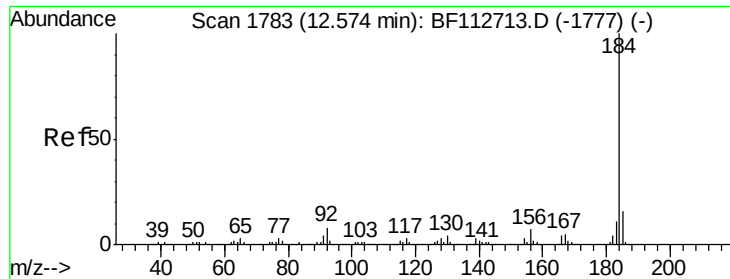
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	26.5	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





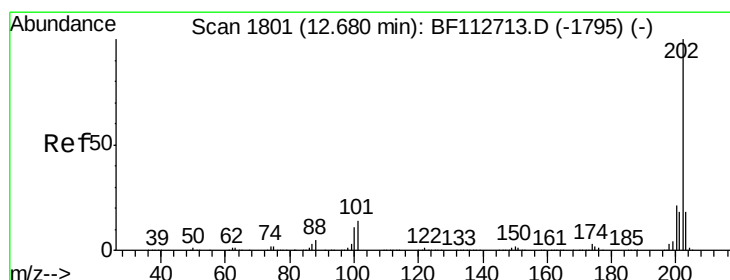
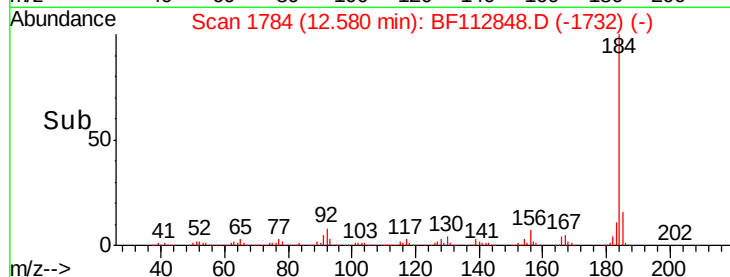
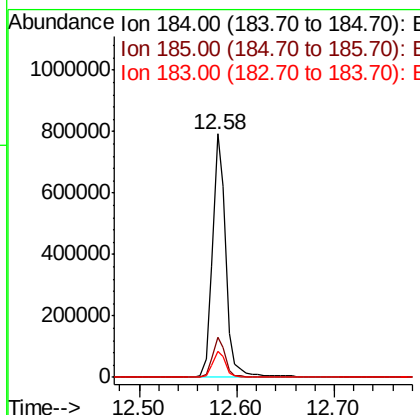
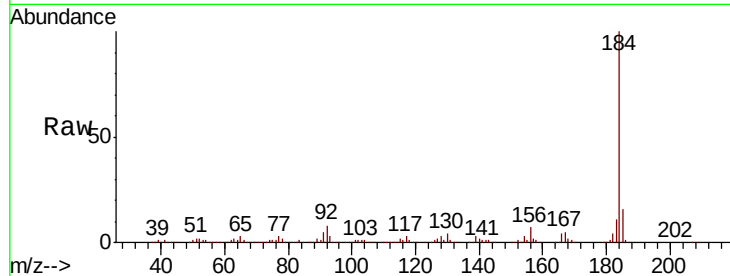
#77
Benzidine
Concen: 31.645 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	10.8	8.6	12.8

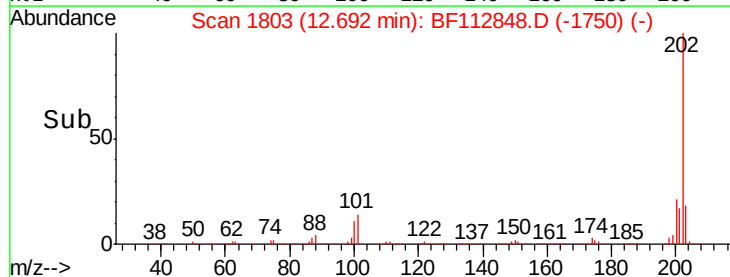
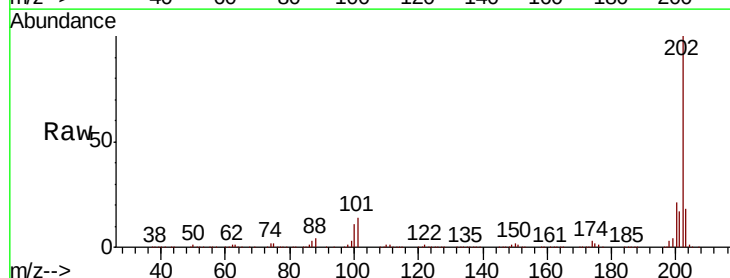
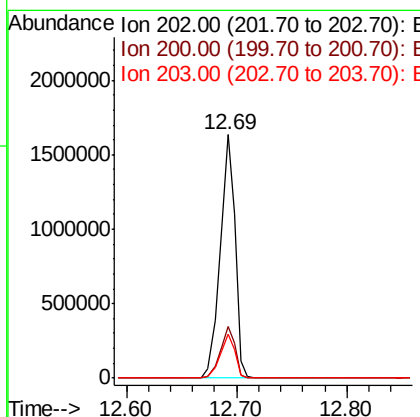
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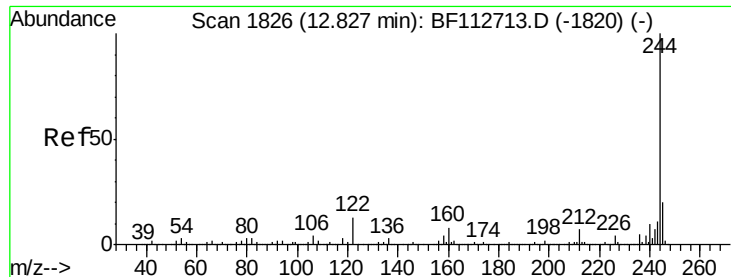
Sohil
3/6/2019 12:24:20 PM



#78
Pyrene
Concen: 39.862 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.0	14.4	21.6





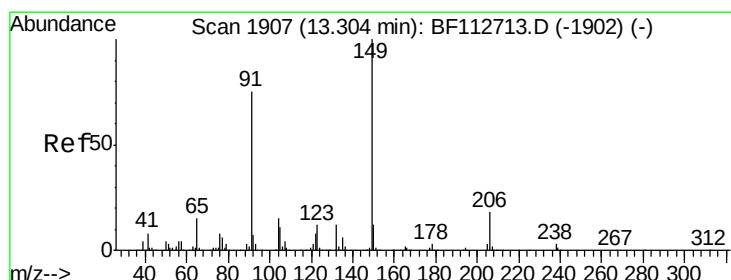
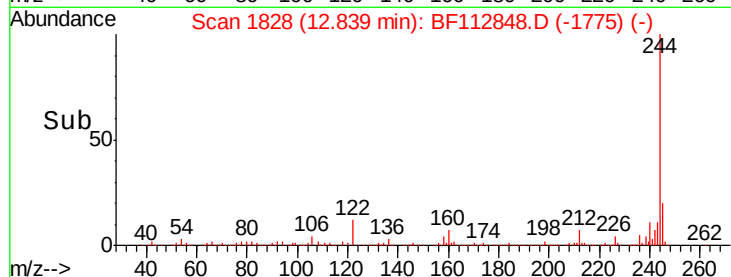
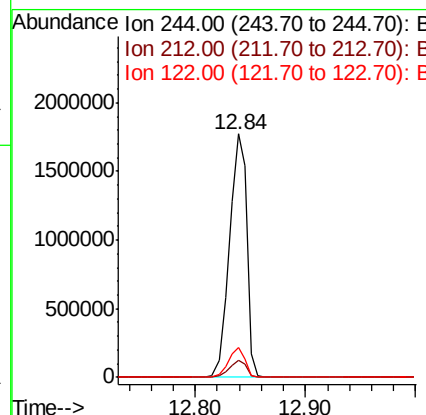
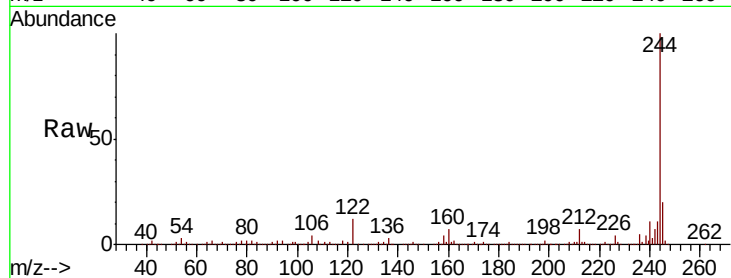
#79
 Terphenyl-d14
 Concen: 82.187 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 1940794
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.5 10.5 15.7

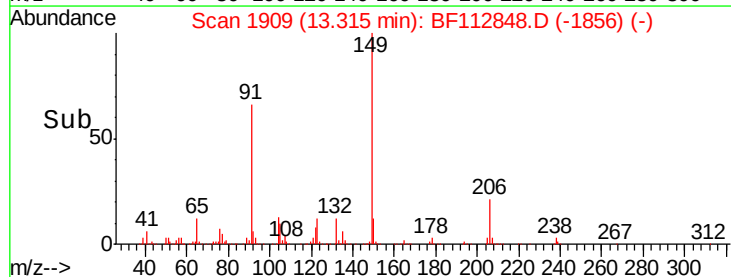
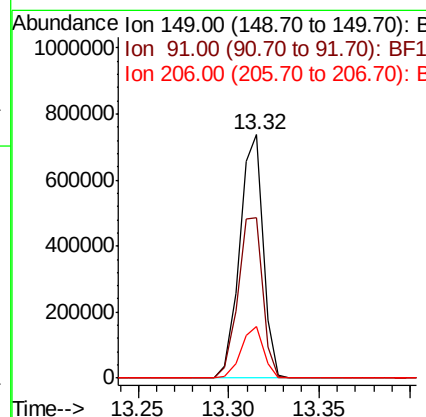
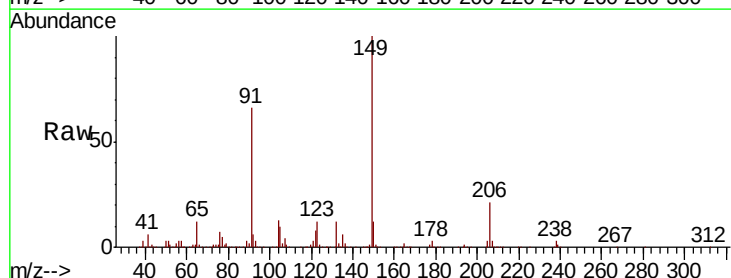
Manual Integrations
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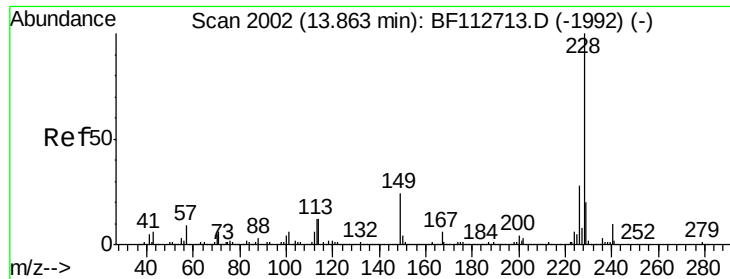
Sohil
 3/6/2019 12:24:20 PM



#80
 Butylbenzylphthalate
 Concen: 38.910 ng
 RT: 13.32 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Tgt Ion:149 Resp: 662801
 Ion Ratio Lower Upper
 149 100
 91 65.9 59.9 89.9
 206 21.2 14.7 22.1





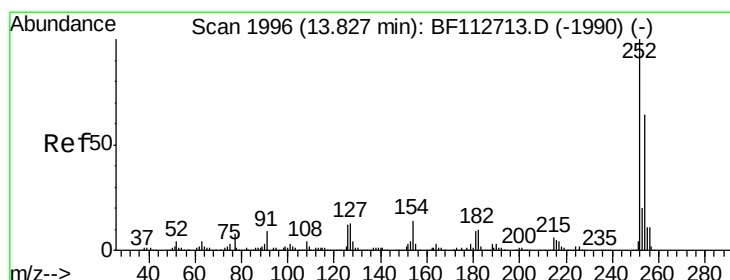
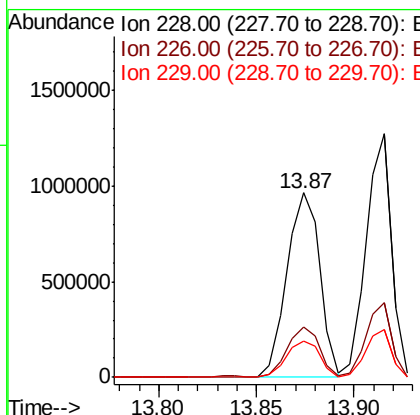
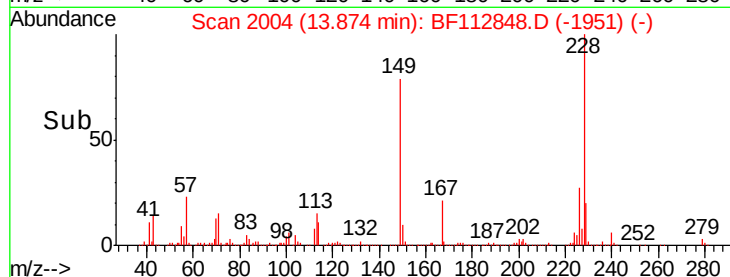
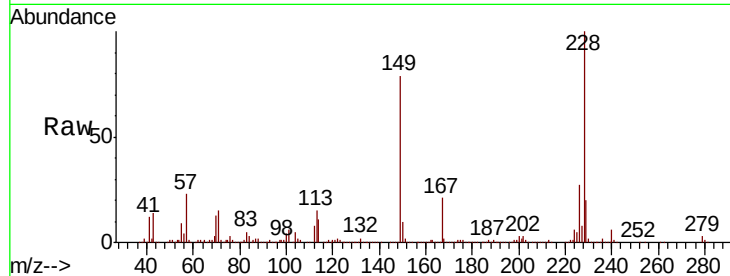
#81
Benzo(a)anthracene
Concen: 35.512 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1126642
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.7 16.0 24.0

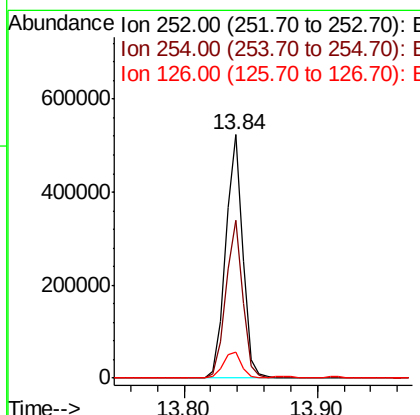
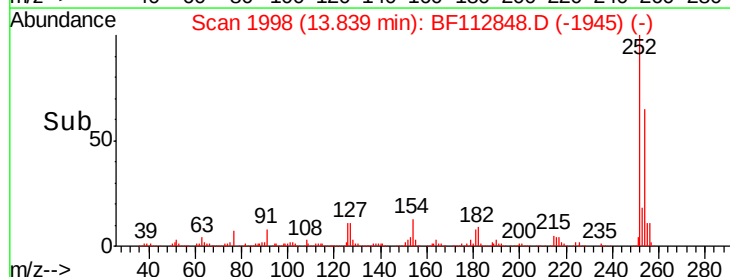
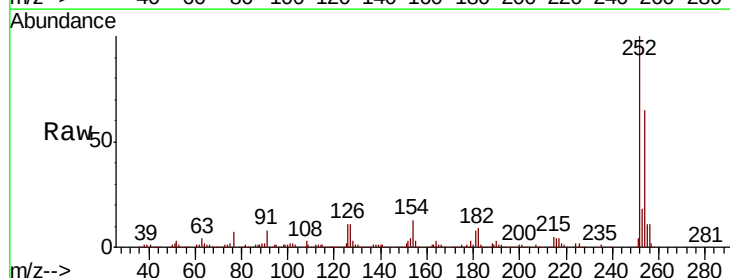
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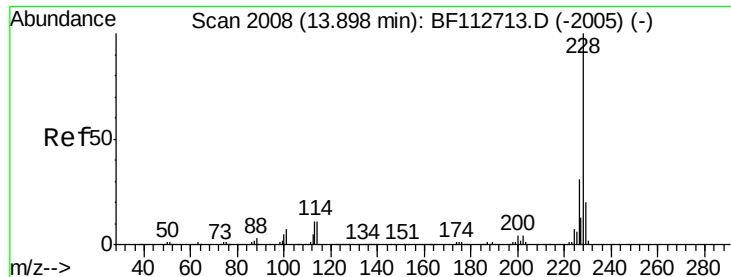
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 39.360 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion:252 Resp: 472277
Ion Ratio Lower Upper
252 100
254 64.9 51.1 76.7
126 10.8 9.9 14.9





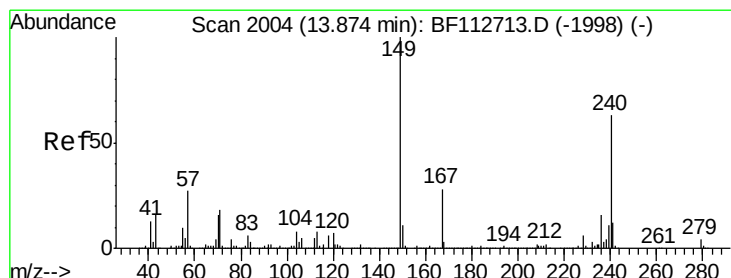
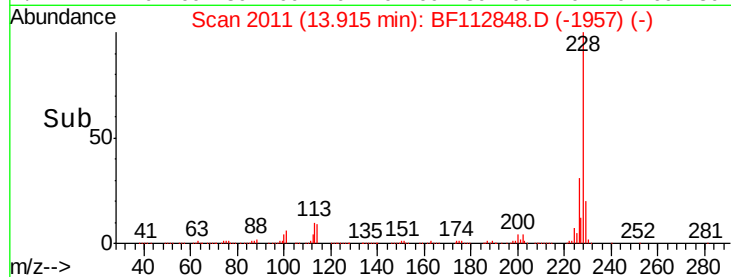
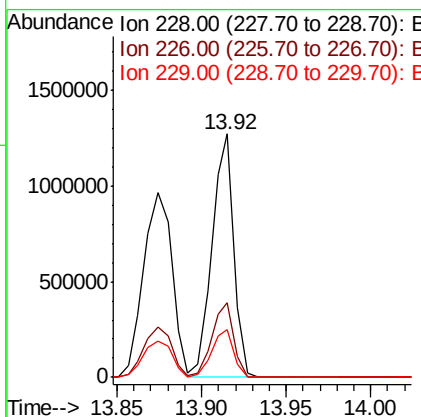
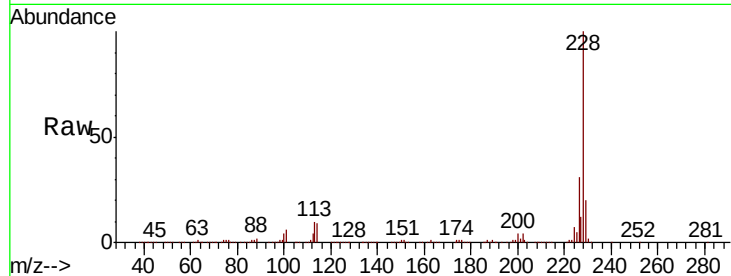
#83
 Chrysene
 Concen: 36.953 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.02 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.9	16.3	24.5

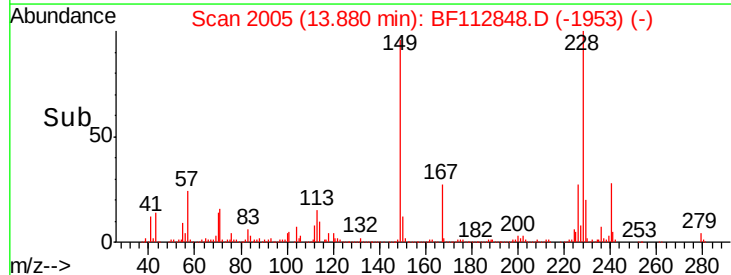
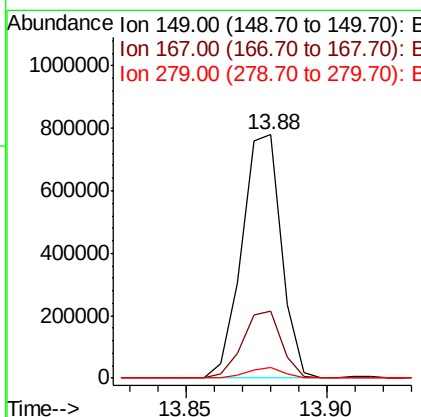
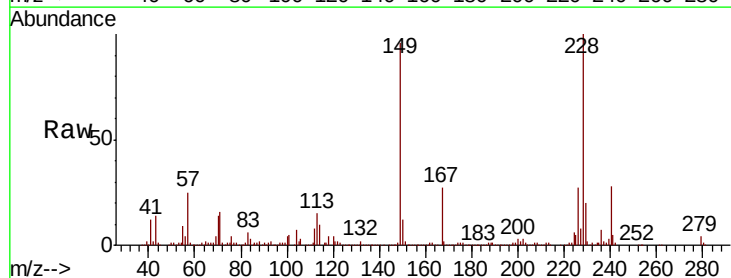
Manual Integrations
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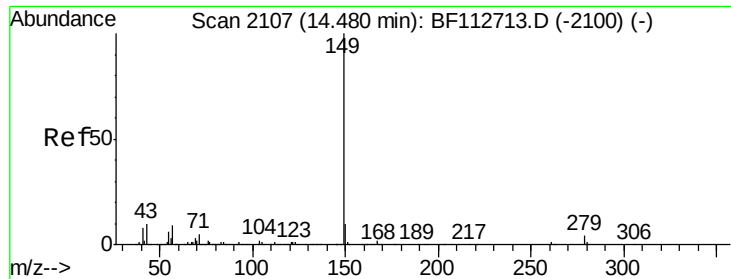
Sohil
 3/6/2019 12:24:20 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.955 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF112848.D
 Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.4	33.6
279	4.5	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 37.358 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1281680

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

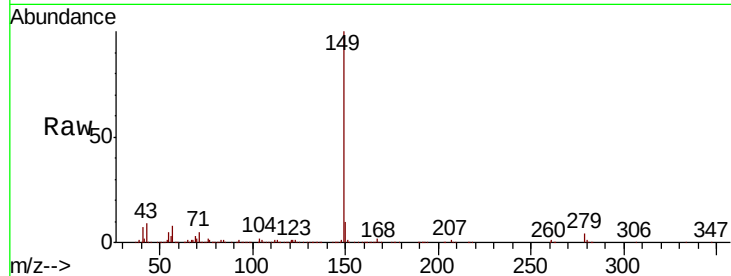
43 9.9 9.0 13.4

Manual Integrations

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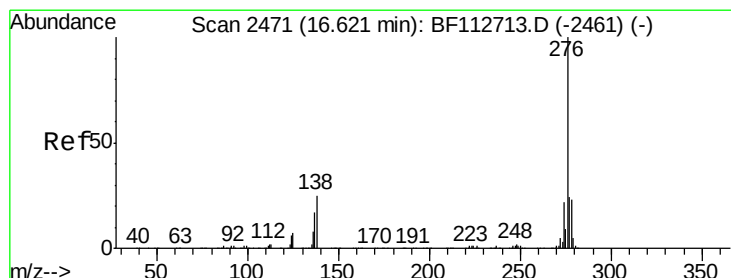
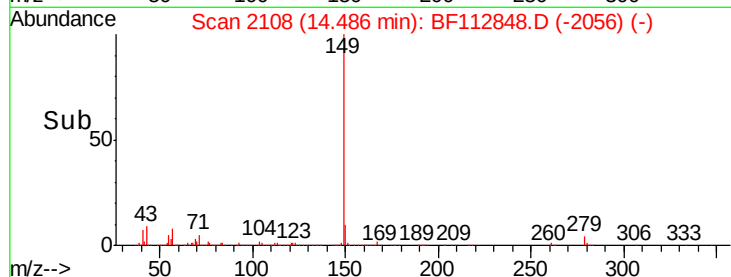
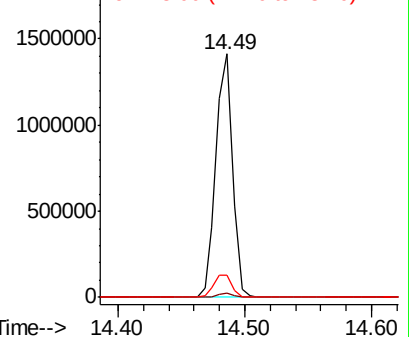
3/6/2019 12:24:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.556 ng

RT: 16.67 min Scan# 2479

Delta R.T. 0.05 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

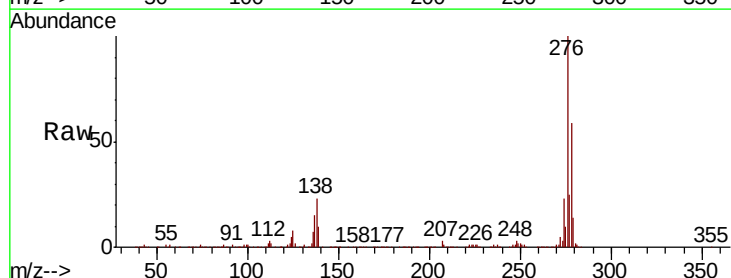
Tgt Ion:276 Resp: 1047987

Ion Ratio Lower Upper

276 100

138 23.7 23.2 34.8

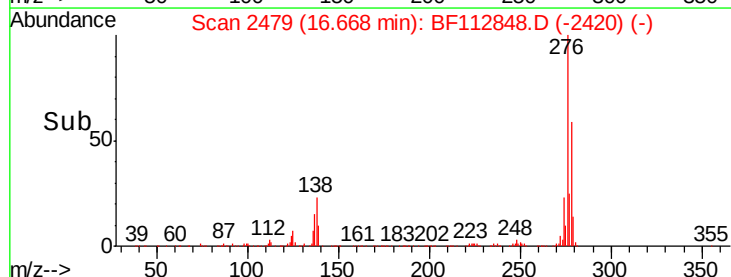
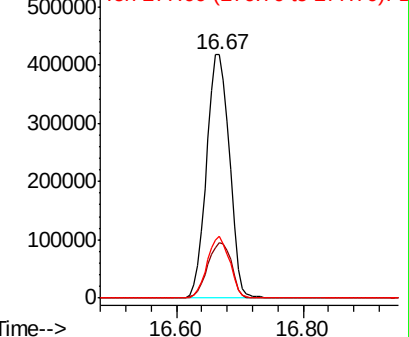
277 24.9 19.9 29.9

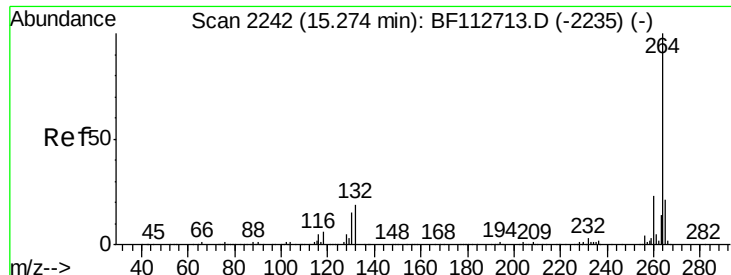


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Instrument :

BNA_F

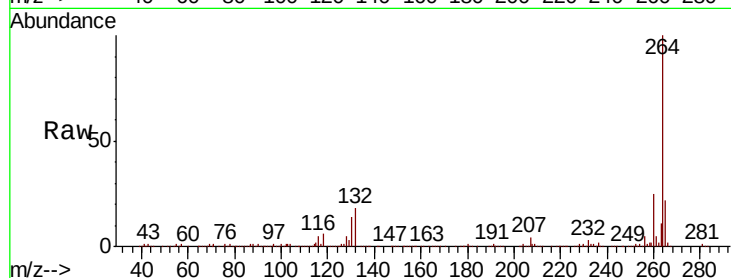
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	390314
Ion Ratio	Lower	Upper	
264	100		
260	24.8	18.7	28.1
265	22.4	17.2	25.8

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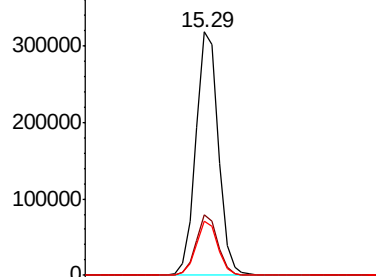


Abundance

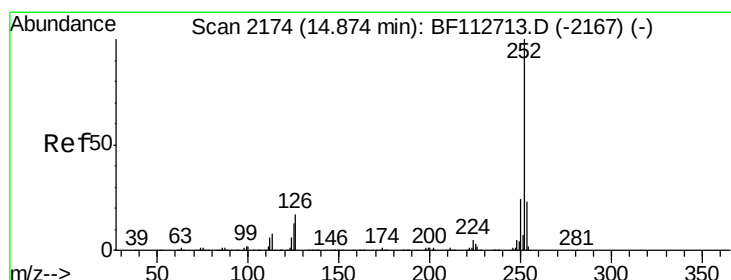
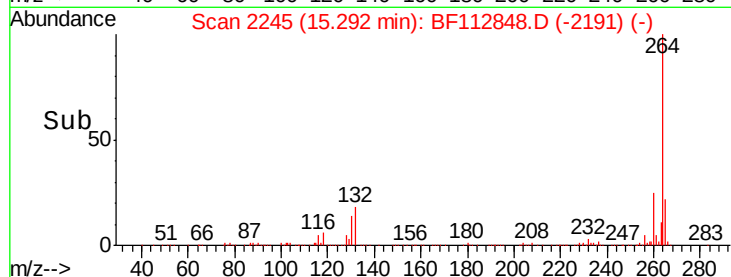
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 15.20 15.30 15.40



#88

Benzo(b)fluoranthene

Concen: 40.715 ng m

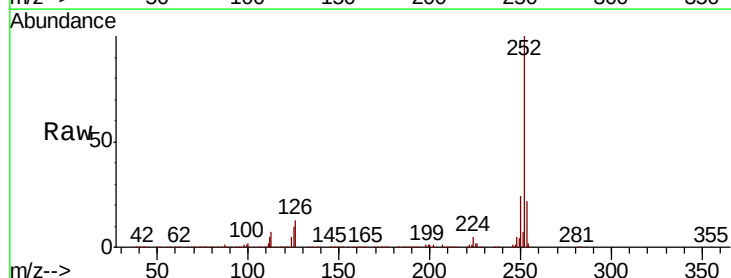
RT: 14.90 min Scan# 2178

Delta R.T. 0.02 min

Lab File: BF112848.D

Acq: 5 Mar 2019 11:44

Tgt Ion:	252	Resp:	1027913
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	9.5	10.2	15.2#

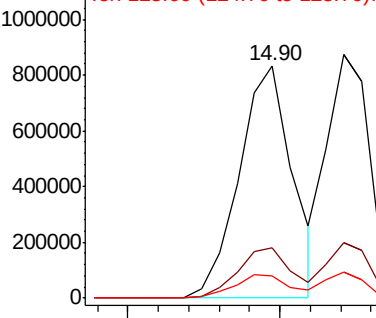


Abundance

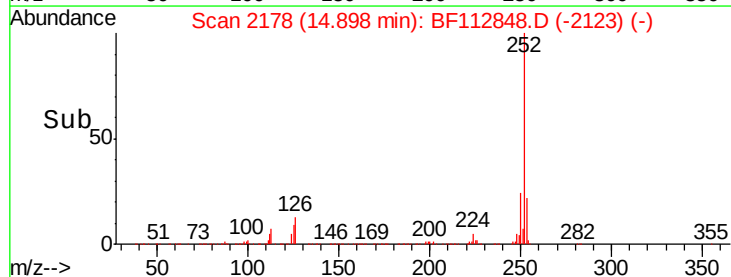
Ion 252.00 (251.70 to 252.70): E

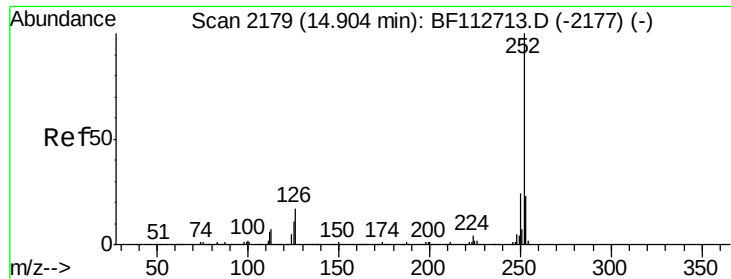
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 14.85 14.90





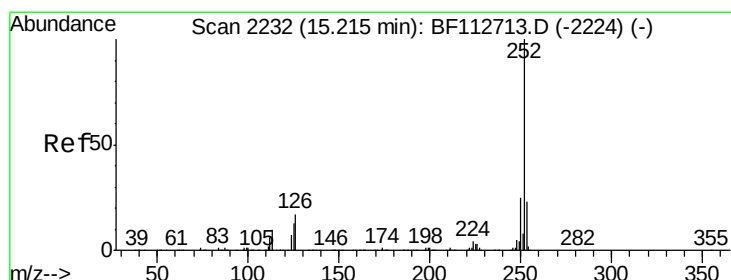
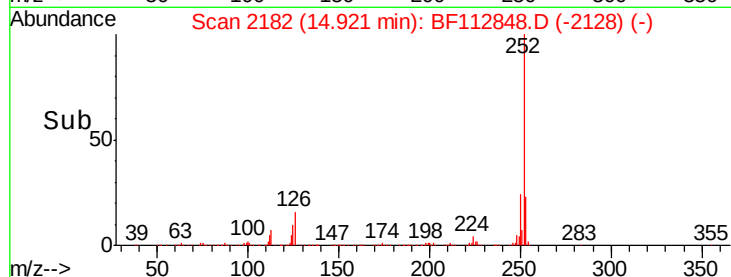
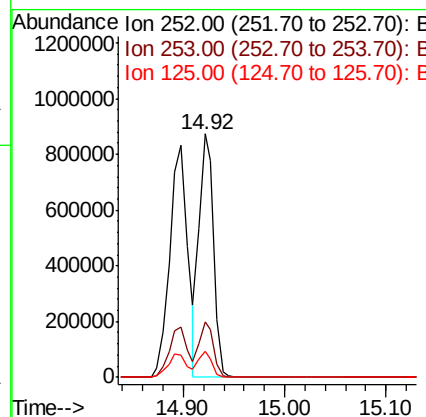
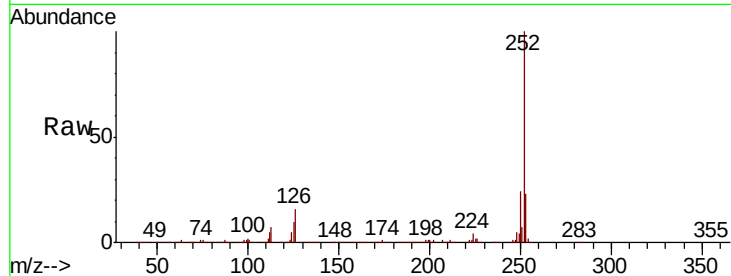
#89
Benzo(k)fluoranthene
Concen: 37.626 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.5	9.8	14.6

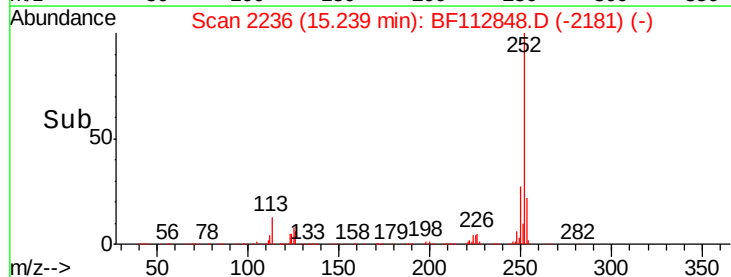
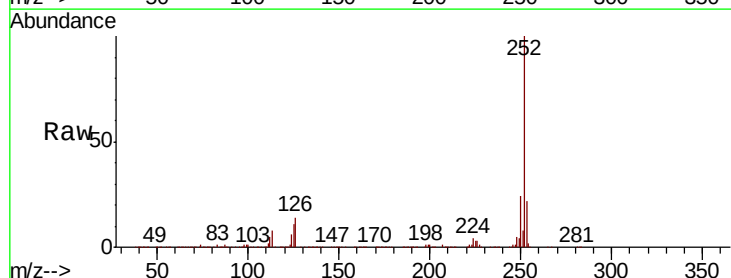
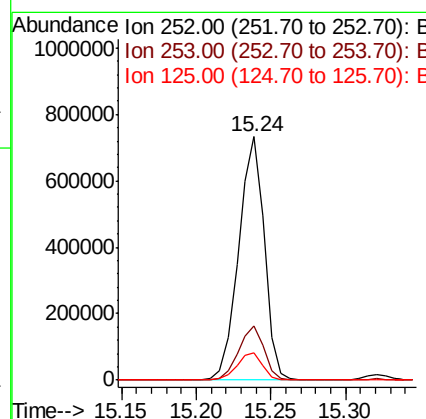
Manual Integrations
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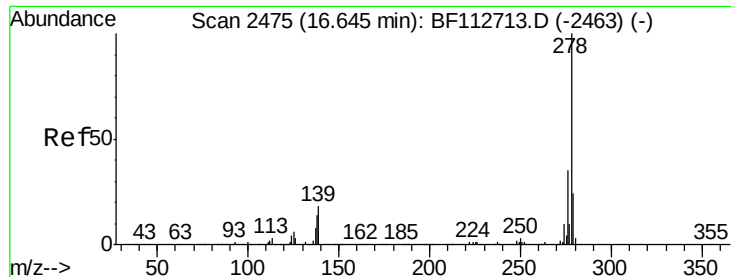
Sohil
3/6/2019 12:24:20 PM



#90
Benzo(a)pyrene
Concen: 39.664 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.02 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.0	10.7	16.1





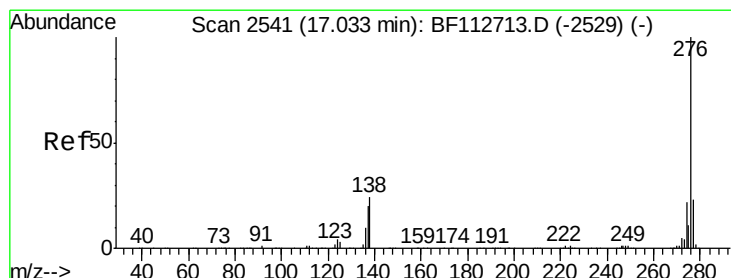
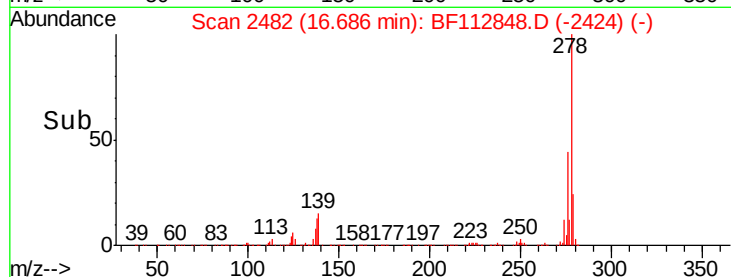
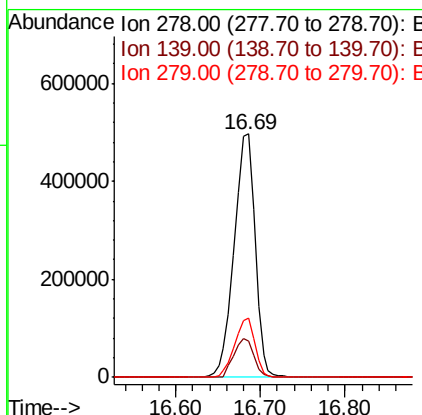
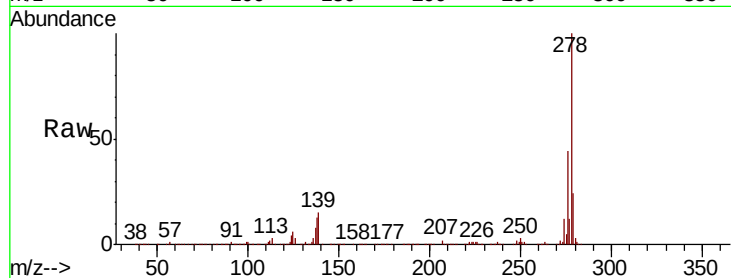
#91
Dibenzo(a,h)anthracene
Concen: 44.743 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.04 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	14.3	21.5
279	24.3	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/6/2019 12:24:20 PM



#92
Benzo(g,h,i)perylene
Concen: 45.388 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.05 min
Lab File: BF112848.D
Acq: 5 Mar 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	20.1	19.4	29.0

