

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112393.D
 Acq On : 5 Feb 2019 13:42
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/6/2019 9:15:36 AM

Quant Time: Feb 06 03:43:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	183368	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	706747	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	352005	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	708531	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	577210	20.00	ng	0.00
87) Perylene-d12	15.47	264	493326	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	800957	92.78	ng	-0.02
7) Phenol-d6	6.49	99	989724	82.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	936569	76.36	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	333913	81.50	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1849142	74.30	ng	-0.01
79) Terphenyl-d14	12.94	244	2157935	70.41	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.59	88	170846	49.679	ng	96
3) Pyridine	3.34	79	416185	47.575	ng	99
4) n-Nitrosodimethylamine	3.30	42	181110	49.278	ng	93
6) Aniline	6.50	93	591774	41.470	ng	# 65
8) 2-Chlorophenol	6.63	128	462984	39.866	ng	99
9) Benzaldehyde	6.39	77	247211	39.428	ng	94
10) Phenol	6.50	94	541257	41.127	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	403718	38.964	ng	99
12) 1,3-Dichlorobenzene	6.77	146	524751	38.799	ng	98
13) 1,4-Dichlorobenzene	6.85	146	536678	38.556	ng	99
14) 1,2-Dichlorobenzene	7.00	146	494328	37.931	ng	96
15) Benzyl Alcohol	6.98	79	383973	37.971	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	505722	38.014	ng	76
17) 2-Methylphenol	7.10	107	352343	38.272	ng	94
18) Hexachloroethane	7.35	117	184894	37.827	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	310262	37.509	ng	97
20) 3+4-Methylphenols	7.25	107	457328	38.847	ng	# 88
22) Acetophenone	7.25	105	653085	37.949	ng	96
24) Nitrobenzene	7.42	77	470255	38.388	ng	96
25) Isophorone	7.66	82	740069	38.461	ng	98
26) 2-Nitrophenol	7.73	139	261822	39.994	ng	92
27) 2,4-Dimethylphenol	7.77	122	349830	38.786	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	497241	37.951	ng	99
29) 2,4-Dichlorophenol	7.99	162	398805	39.511	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	445143	38.367	ng	99
31) Naphthalene	8.14	128	1254693	37.963	ng	99
32) Benzoic acid	7.92	122	235539m	45.781	ng	
33) 4-Chloroaniline	8.19	127	566966	39.397	ng	97
34) Hexachlorobutadiene	8.26	225	254040	37.313	ng	99
35) Caprolactam	8.57	113	141225m	39.662	ng	
36) 4-Chloro-3-methylphenol	8.69	107	407912	38.175	ng	98
37) 2-Methylnaphthalene	8.83	142	854621	37.772	ng	97
38) 1-Methylnaphthalene	8.93	142	819635	37.795	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	437524	37.856	ng	99

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 BNA_F
 ClientSampleID :
 SSTDC040

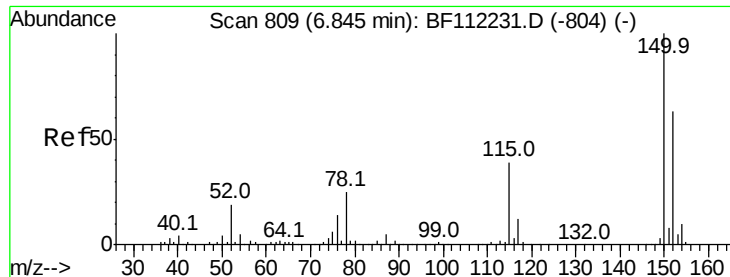
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	132326	36.125	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	279901	39.289	nq	100
44) 2,4,5-Trichlorophenol	9.16	196	294118	39.502	nq	96
46) 1,1'-Biphenyl	9.29	154	1169978	38.019	nq	100
47) 2-Chloronaphthalene	9.32	162	908097	38.053	nq	97
48) 2-Nitroaniline	9.42	65	260446	40.042	nq	97
49) Acenaphthylene	9.73	152	1337294	38.233	nq	98
50) Dimethylphthalate	9.59	163	1043942	38.171	nq	99
51) 2,6-Dinitrotoluene	9.66	165	243345	39.729	nq	98
52) Acenaphthene	9.90	154	805553	38.553	nq	99
53) 3-Nitroaniline	9.83	138	266875	40.217	nq	93
54) 2,4-Dinitrophenol	9.95	184	70663	35.948	nq	96
55) Dibenzofuran	10.08	168	1210057	37.897	nq	96
56) 4-Nitrophenol	10.02	139	134554	38.353	nq	94
57) 2,4-Dinitrotoluene	10.07	165	310781	39.855	nq	# 83
58) Fluorene	10.42	166	935615	39.156	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	236116	41.963	nq	97
60) Diethylphthalate	10.29	149	1029799	37.943	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	492985	37.928	nq	95
62) 4-Nitroaniline	10.45	138	273261	41.983	nq	95
63) Azobenzene	10.57	77	930091	38.965	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	147273	37.073	nq	98
66) n-Nitrosodiphenylamine	10.53	169	885811	37.095	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	309283	37.114	nq	98
68) Hexachlorobenzene	10.97	284	337581	37.758	nq	96
69) Atrazine	11.06	200	268397	34.833	nq	97
70) Pentachlorophenol	11.17	266	129933	37.349	nq	98
71) Phenanthrene	11.39	178	1377156	37.387	nq	98
72) Anthracene	11.44	178	1391483	37.922	nq	99
73) Carbazole	11.59	167	1402950	38.761	nq	98
74) Di-n-butylphthalate	11.91	149	1612099	35.883	nq	99
75) Fluoranthene	12.57	202	1444166	36.554	nq	99
77) Benzdine	12.69	184	588335	37.033	nq	97
78) Pyrene	12.80	202	1479242	37.016	nq	100
80) Butylbenzylphthalate	13.41	149	687511	35.558	nq	96
81) Benzo(a)anthracene	13.99	228	1285192	37.876	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	495793	39.043	nq	99
83) Chrysene	14.03	228	1244763	38.431	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	952222	34.695	nq	98
85) Di-n-octyl phthalate	14.57	149	1495245	35.411	nq	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	954419	37.188	nq	97
88) Benzo(b)fluoranthene	15.04	252	1135394	38.484	nq	99
89) Benzo(k)fluoranthene	15.07	252	1079761	38.208	nq	98
90) Benzo(a)pyrene	15.41	252	1005462	37.875	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	804161	37.586	nq	98
92) Benzo(g,h,i)perylene	17.39	276	772518	38.271	nq	98

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



#1

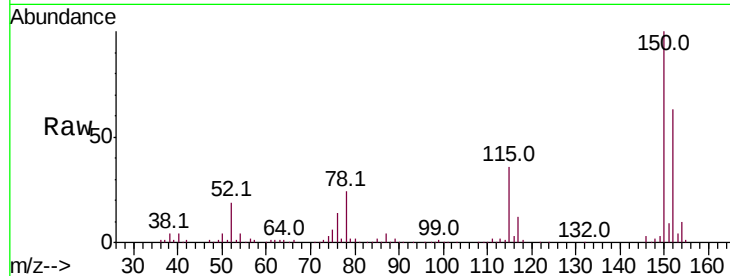
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

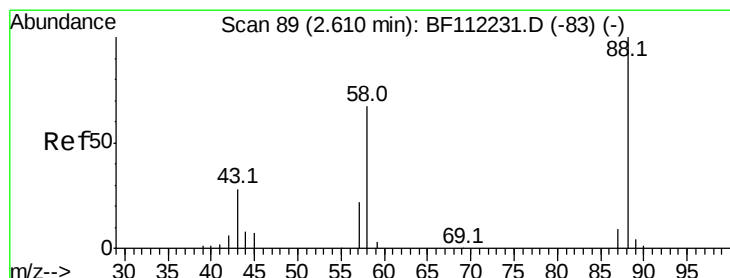
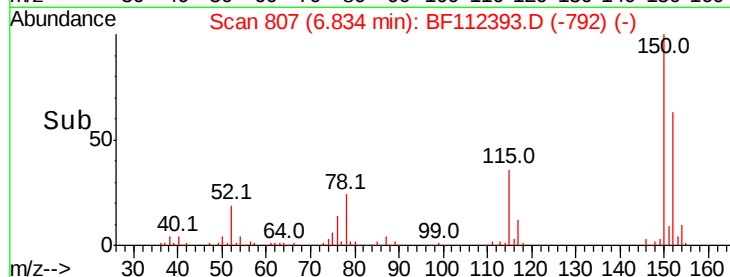
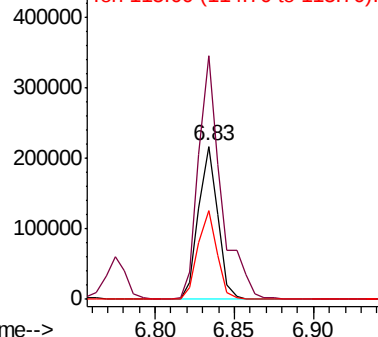
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.4	191.0
115	58.0	45.5	68.3

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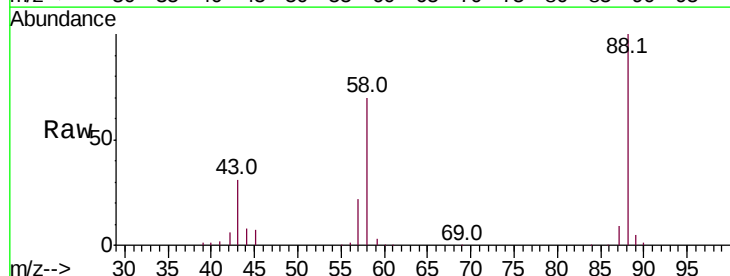
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



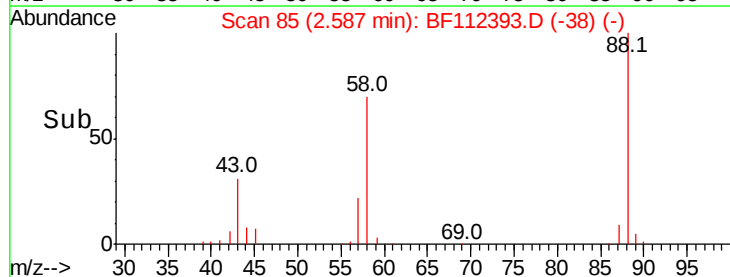
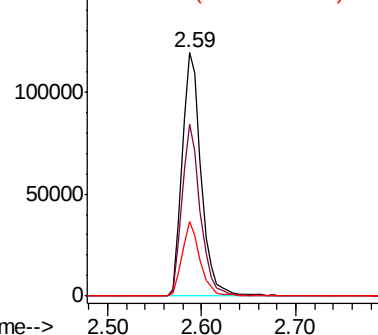
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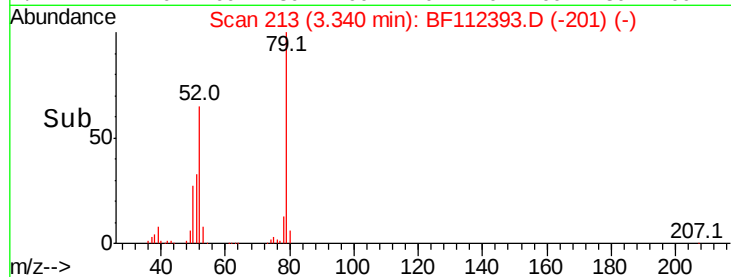
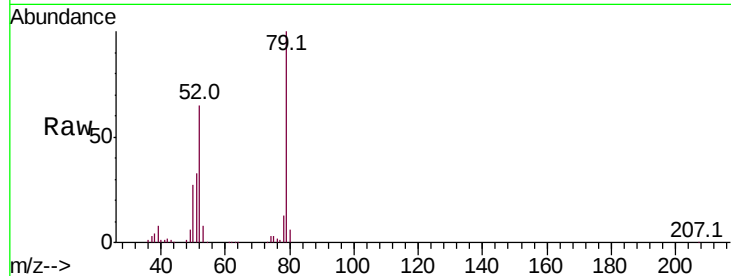
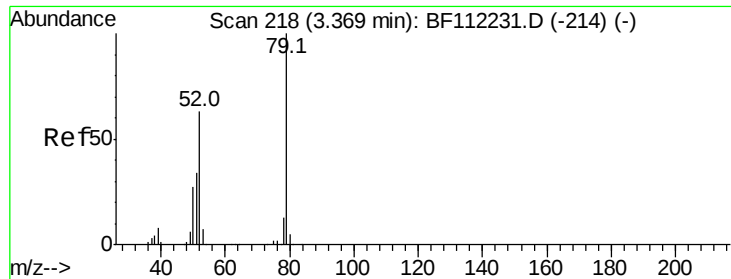
1,4-Dioxane
Concen: 49.679 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	57.4	86.2
43	29.0	22.2	33.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





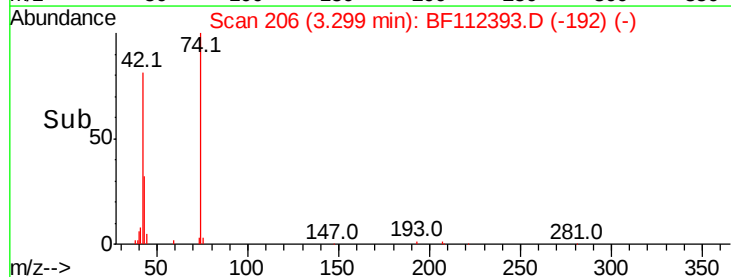
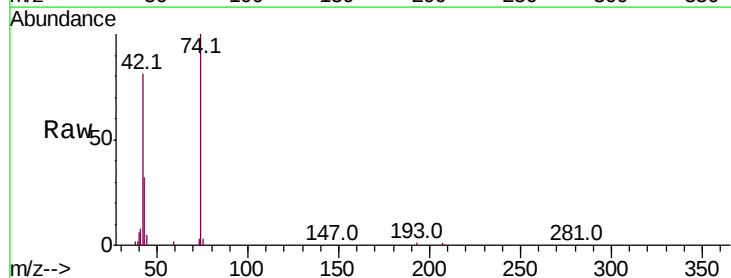
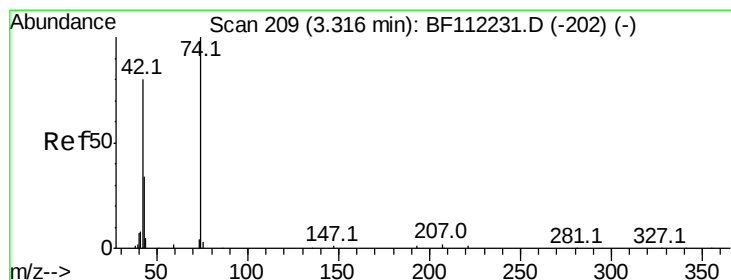
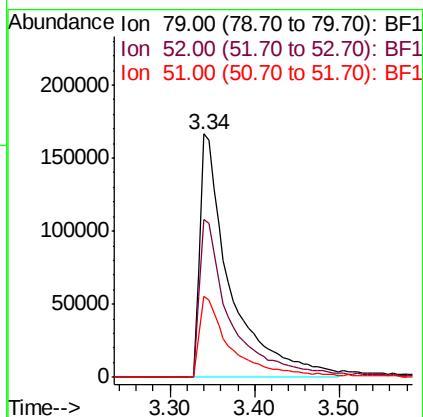
#3
Pvridine
Concen: 47.575 ng
RT: 3.34 min Scan# 213
Delta R.T. -0.03 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tot Ion: 79 Resp: 416185
Ion Ratio Lower Upper
79 100
52 65.0 52.4 78.6
51 33.4 26.1 39.1

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BNA_F
ClientSampleId :
SSTDCCC040

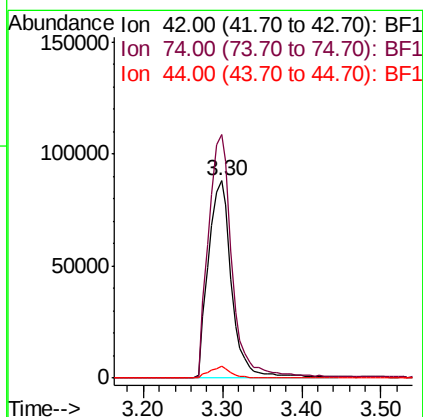
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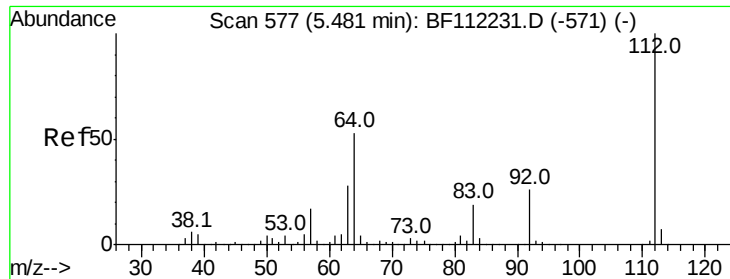
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#4
n-Nitrosodimethylamine
Concen: 49.278 ng
RT: 3.30 min Scan# 206
Delta R.T. -0.02 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion: 42 Resp: 181110
Ion Ratio Lower Upper
42 100
74 123.5 105.6 158.4
44 5.8 5.4 8.2





#5

2-Fluorophenol

Concen: 92.780 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

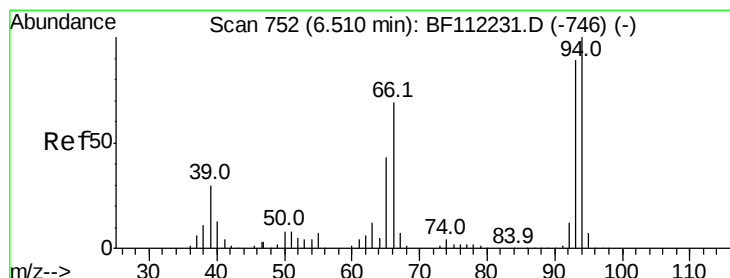
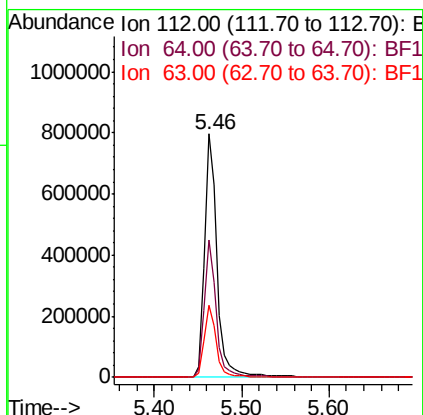
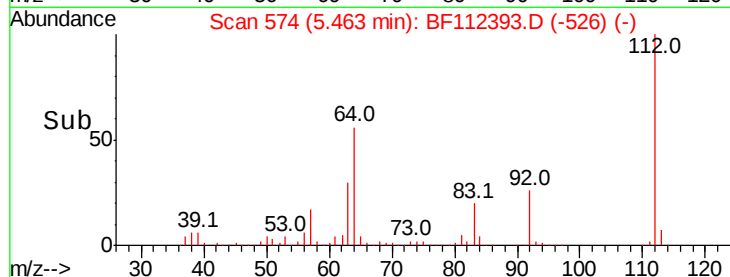
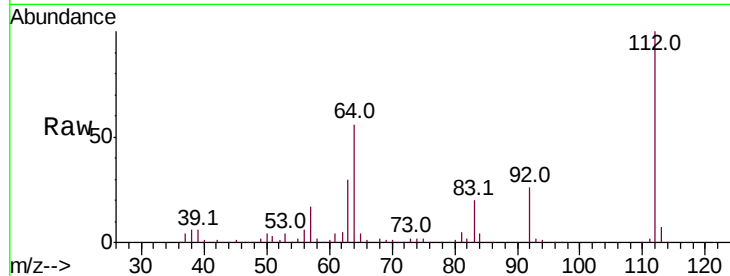
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	800957
Ion Ratio	Lower	Upper	
112	100		
64	56.4	45.7	68.5
63	29.7	23.6	35.4

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#6

Aniline

Concen: 41.470 ng

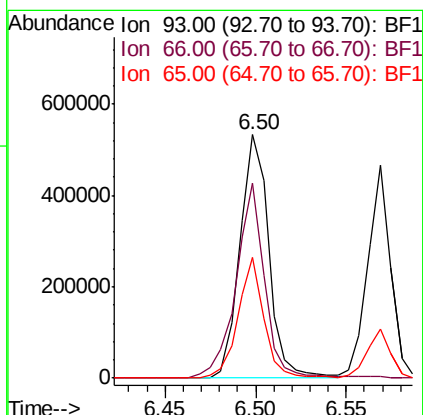
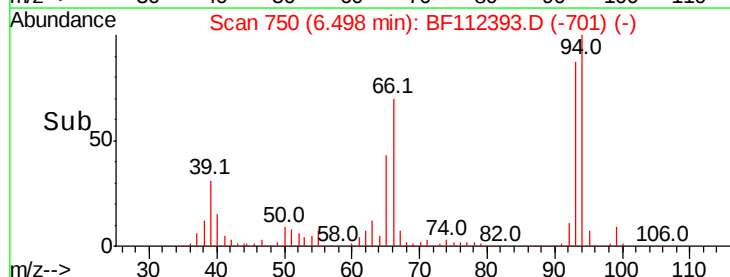
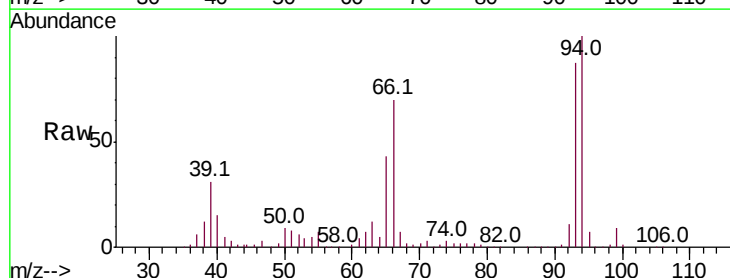
RT: 6.50 min Scan# 750

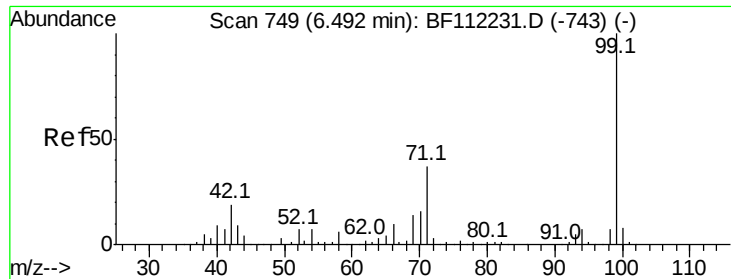
Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion:	93	Resp:	591774
Ion Ratio	Lower	Upper	
93	100		
66	80.1	43.4	65.2#
65	49.6	25.3	37.9#





#7

Phenol-d6

Concen: 82.506 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

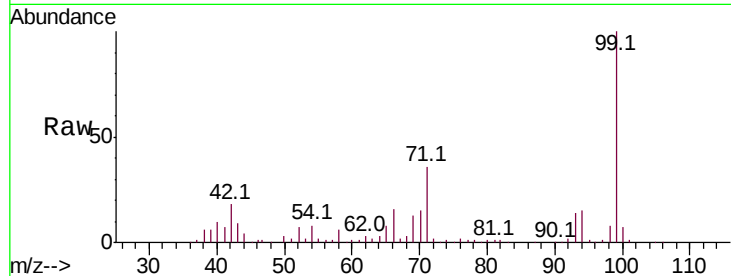
ClientSampleId :

SSTDCCC040

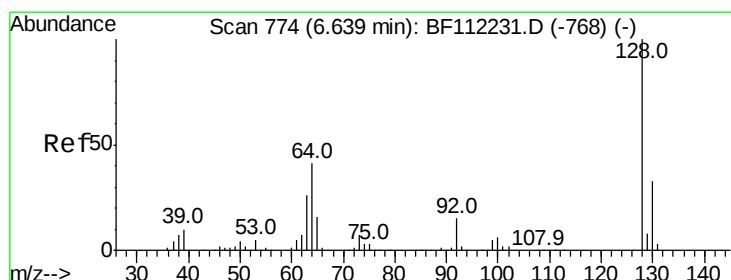
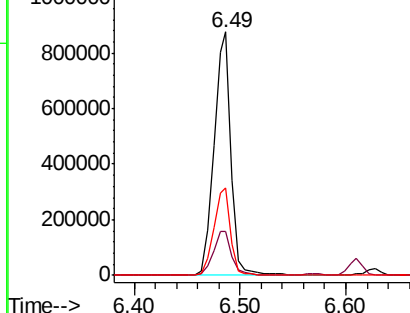
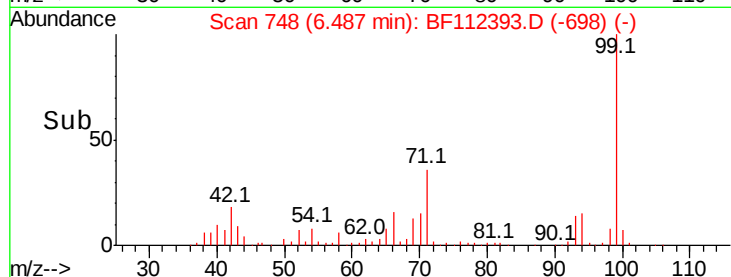
Tot Ion:	99	Resp:	989724
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	35.9	26.9	40.3

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



#8

2-Chlorophenol

Concen: 39.866 ng

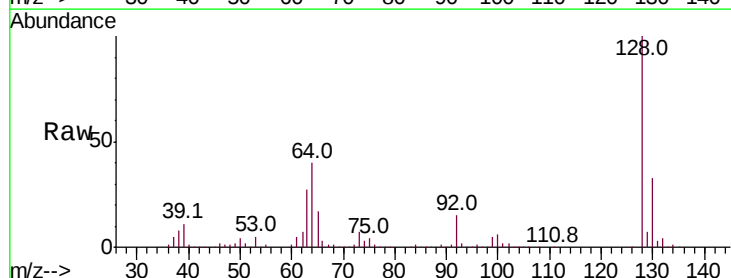
RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

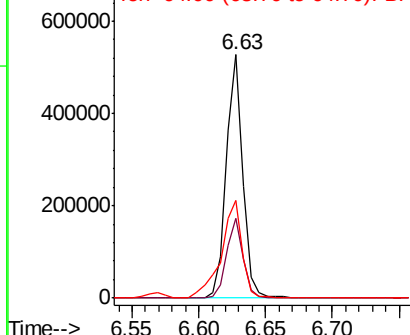
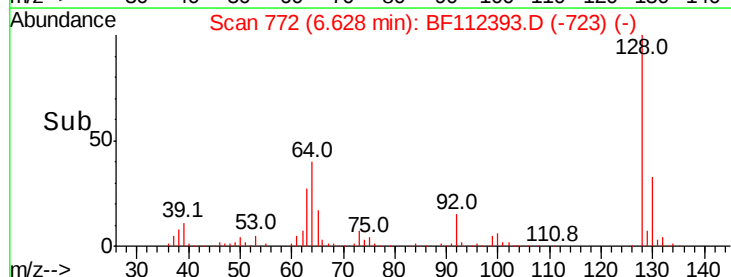
Lab File: BF112393.D

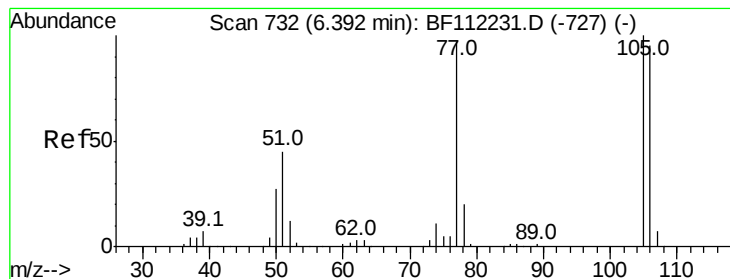
Acq: 5 Feb 2019 13:42

Tgt Ion:	128	Resp:	462984
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.4	53.4
64	40.1	20.5	60.5



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





#9

Benzaldehyde

Concen: 39.428 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

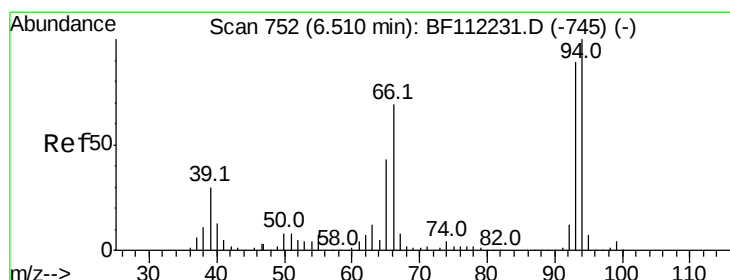
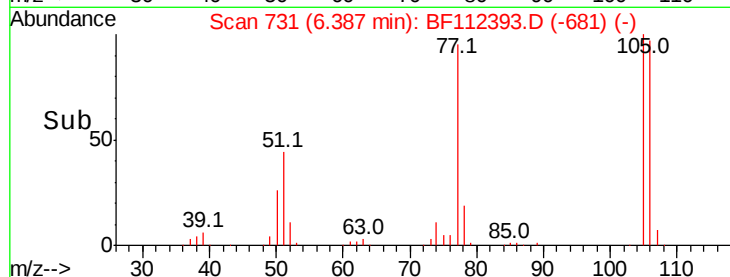
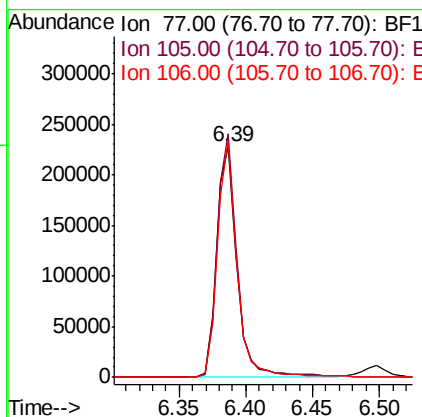
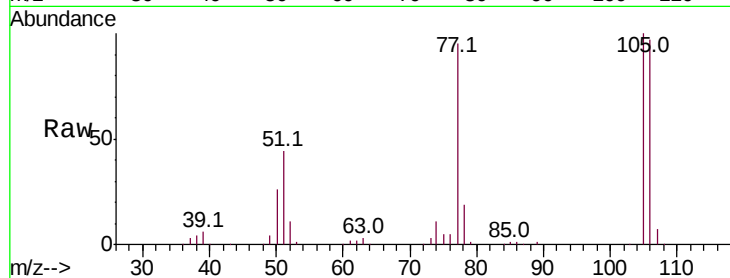
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	247211
Ion Ratio	Lower	Upper	
77	100		
105	105.6	80.8	120.8
106	102.9	75.7	115.7

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#10

Phenol

Concen: 41.127 ng

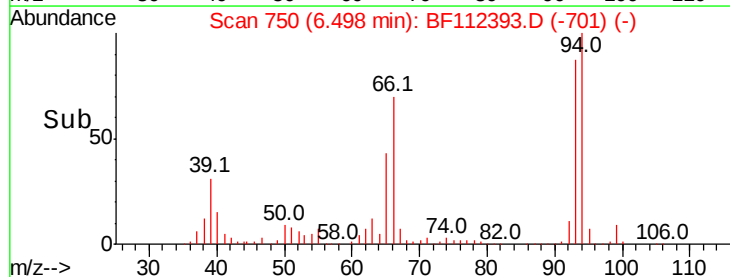
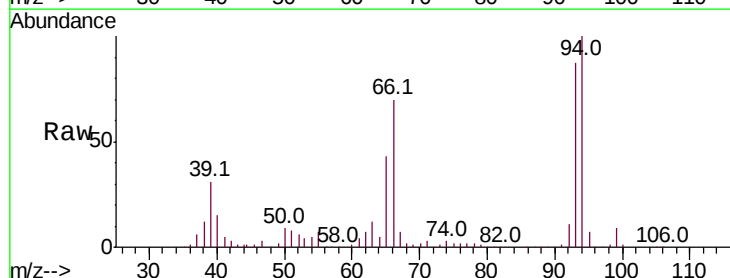
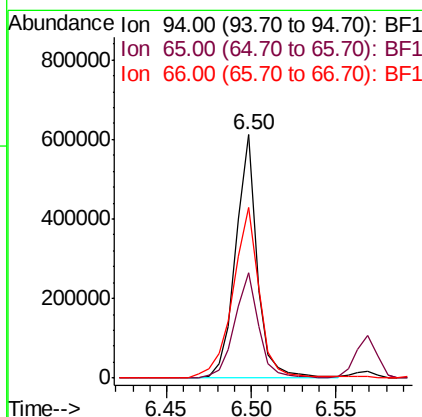
RT: 6.50 min Scan# 750

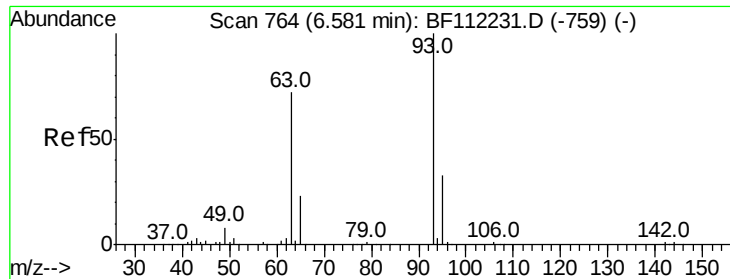
Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion:	94	Resp:	541257
Ion Ratio	Lower	Upper	
94	100		
65	43.3	20.3	60.3
66	69.9	42.4	82.4





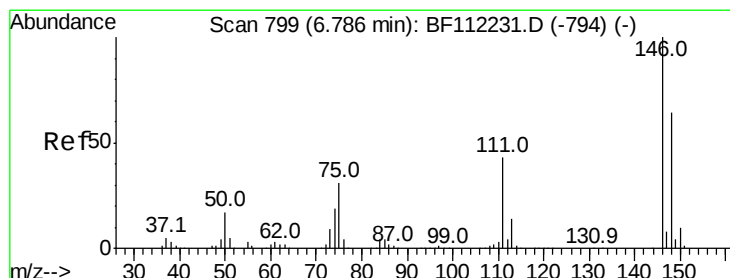
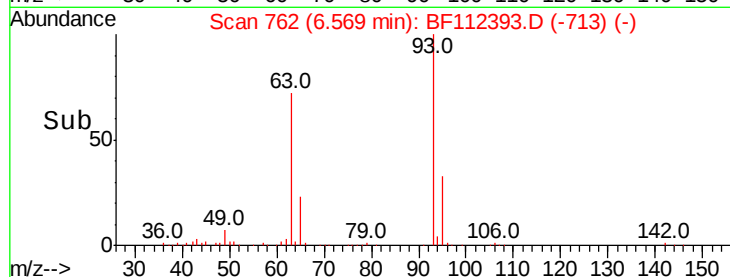
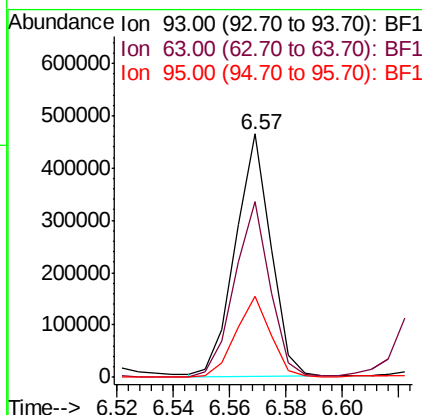
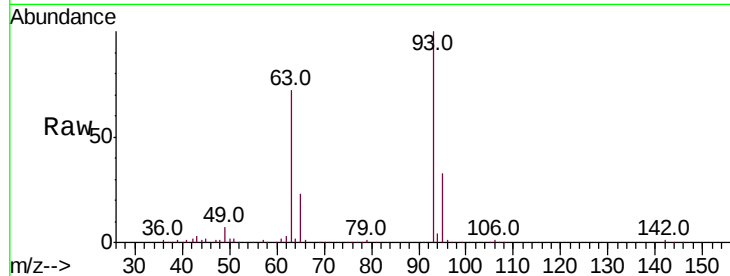
#11
bis(2-Chloroethyl)ether
Concen: 38.964 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.2	53.3	93.3
95	33.2	13.4	53.4

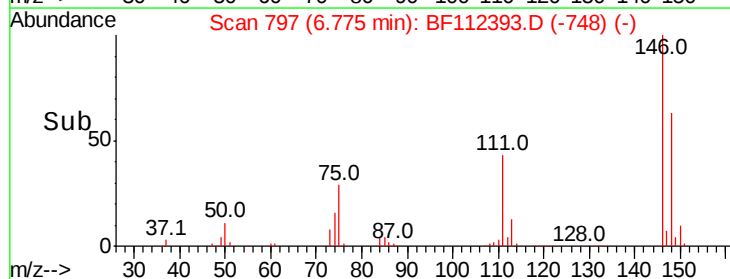
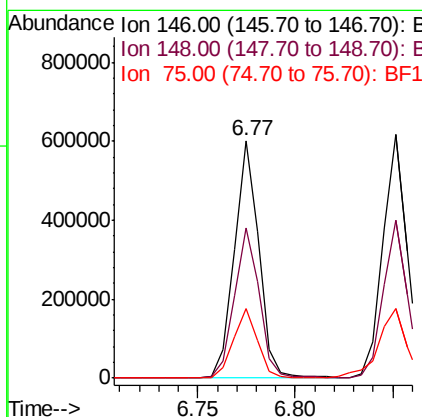
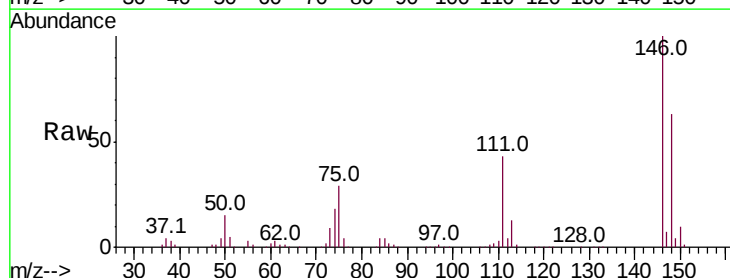
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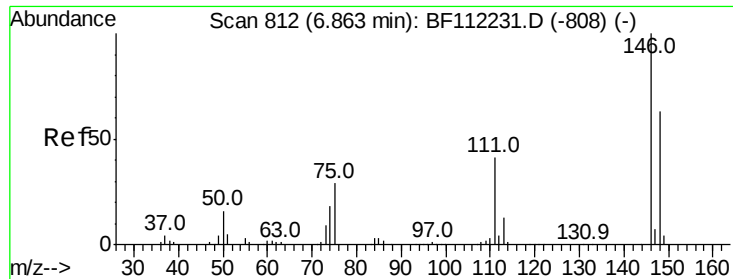
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.799 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	29.3	23.1	34.7





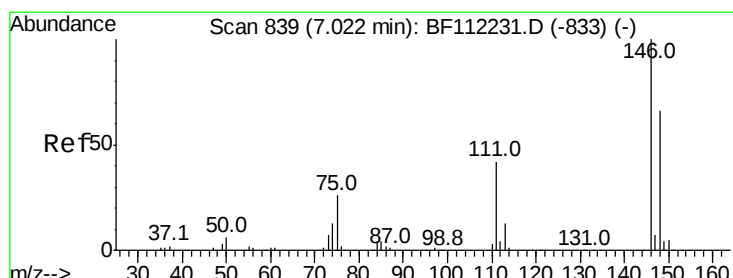
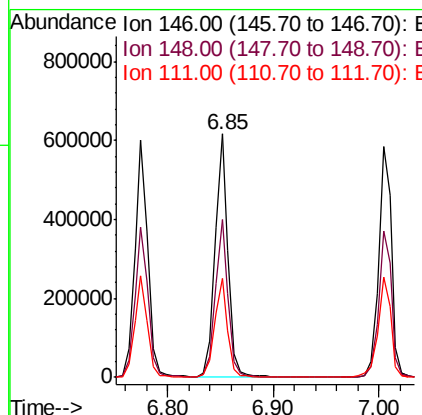
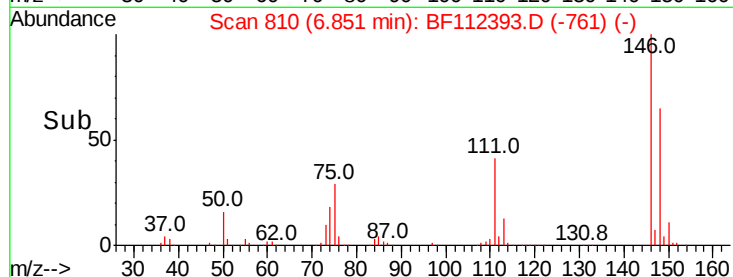
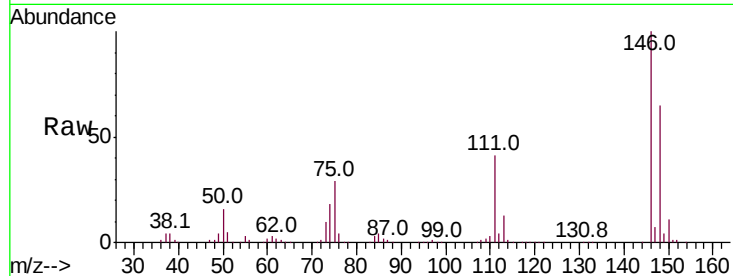
#13
 1,4-Dichlorobenzene
 Concen: 38.556 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.0	78.0
111	40.9	31.2	46.8

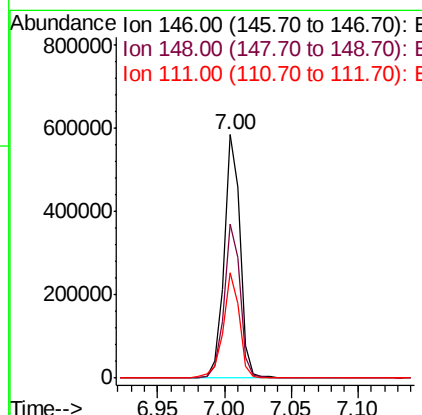
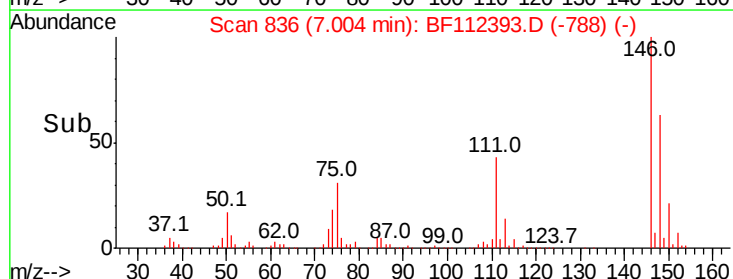
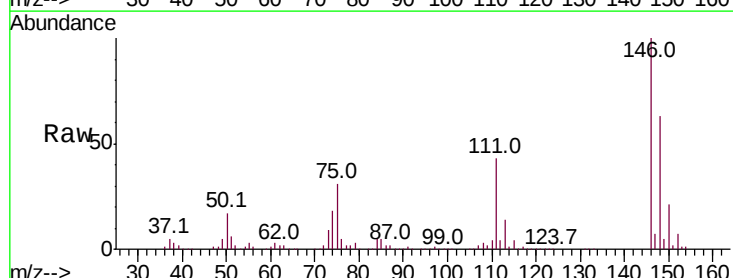
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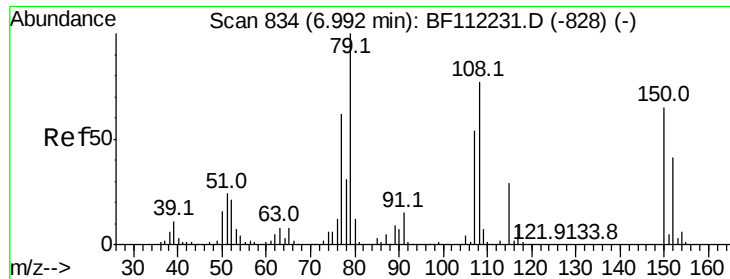
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#14
 1,2-Dichlorobenzene
 Concen: 37.931 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.4
111	43.4	31.2	46.8





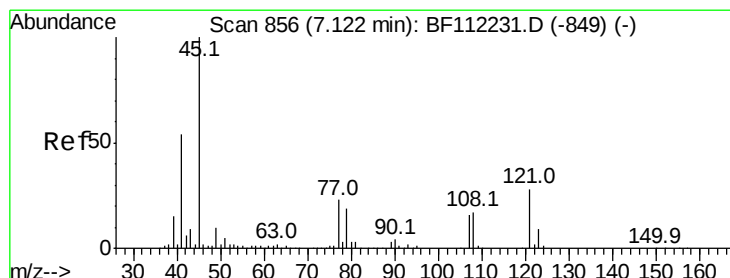
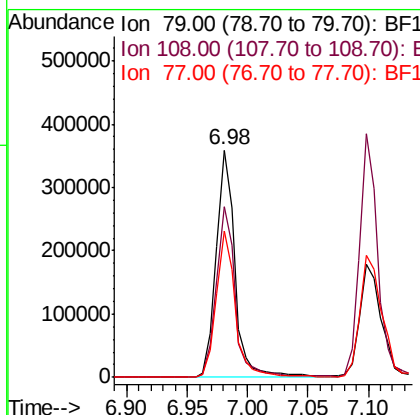
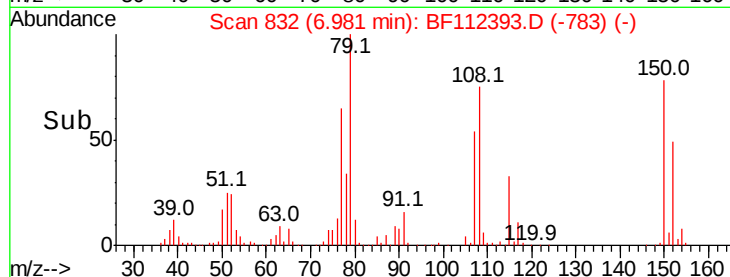
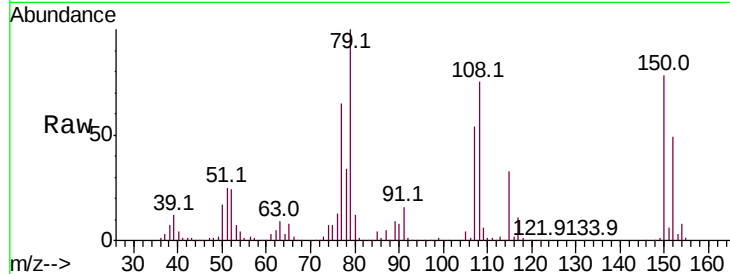
#15
Benzvl Alcohol
Concen: 37.971 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.3	64.2	96.2
77	64.5	50.3	75.5

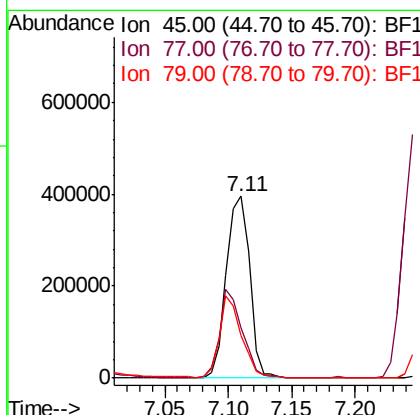
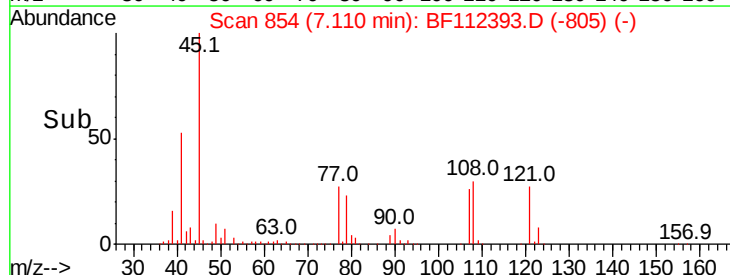
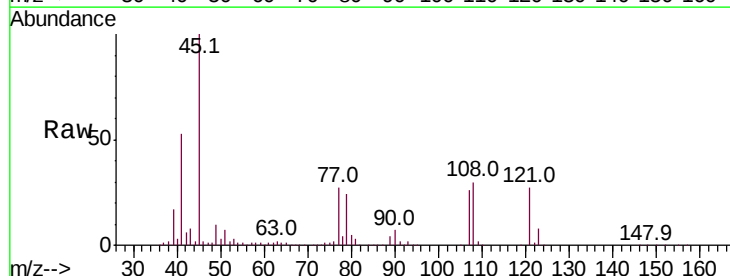
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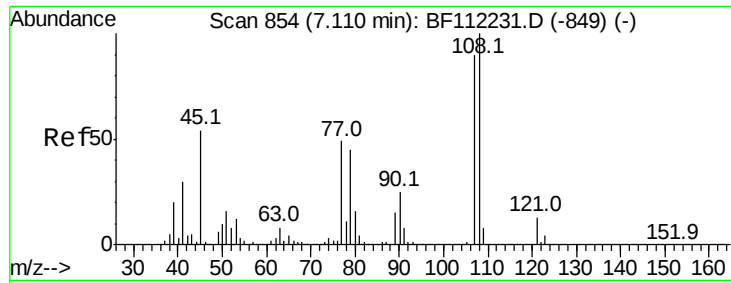
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.014 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.5	0.0	36.9
79	23.7	0.0	34.0





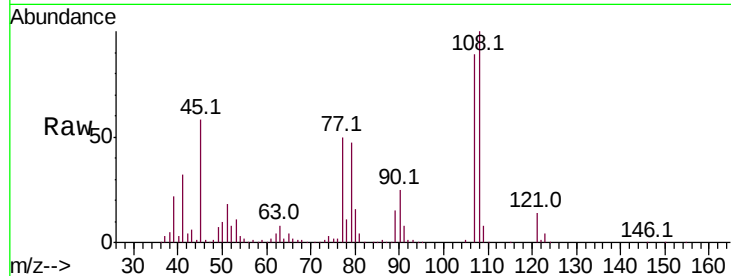
#17
2-Methylphenol
Concen: 38.272 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

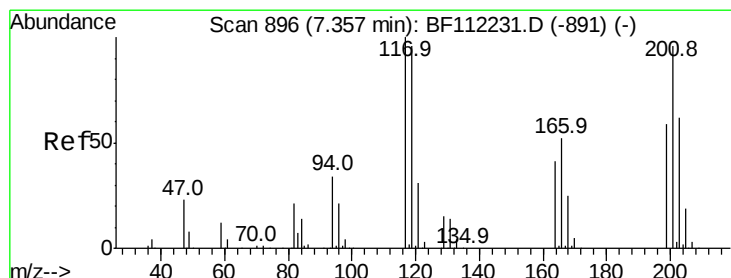
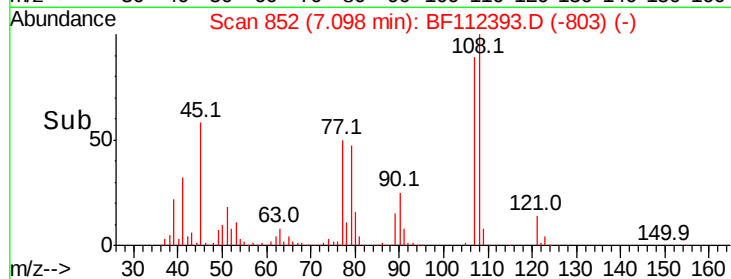
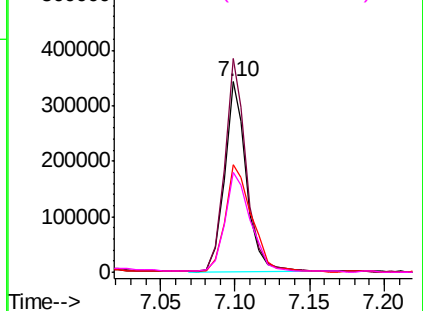
Tot Ion	107	Resp	352343
Ion Ratio	Lower	Upper	
107	100		
108	112.1	91.3	136.9
77	56.3	39.0	58.6
79	52.3	37.0	55.4

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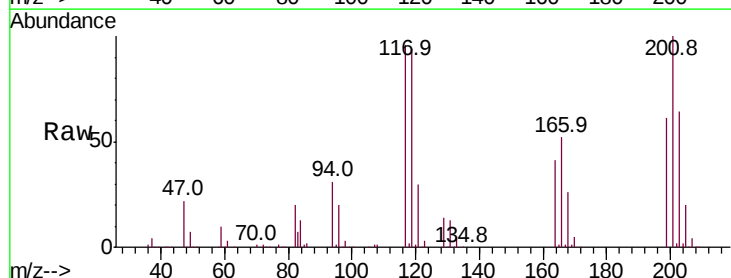


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

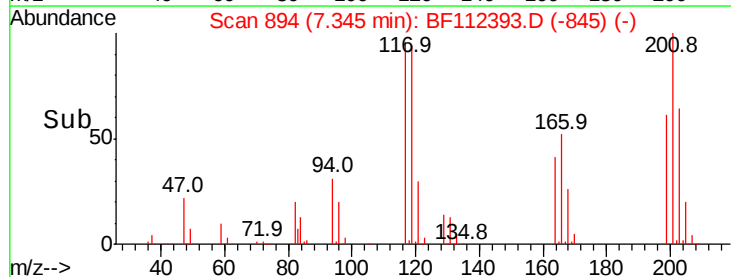
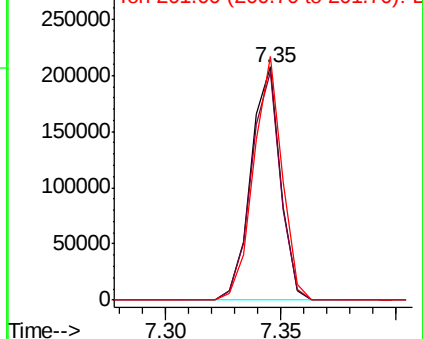


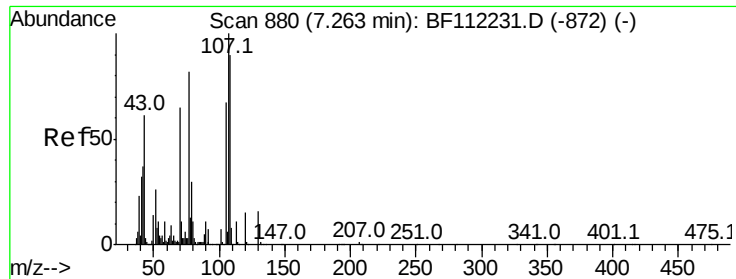
#18
Hexachloroethane
Concen: 37.827 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	117	Resp	184894
Ion Ratio	Lower	Upper	
117	100		
119	97.9	77.0	115.4
201	104.4	74.1	111.1



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
250000 Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 37.509 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112393.D

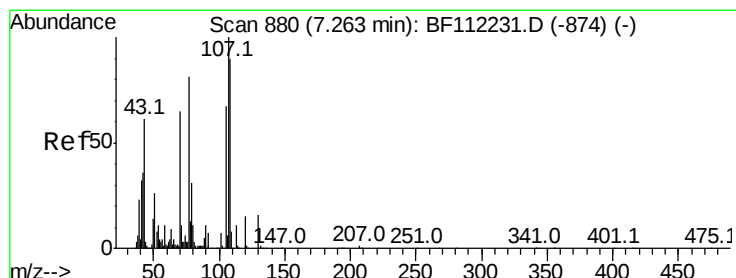
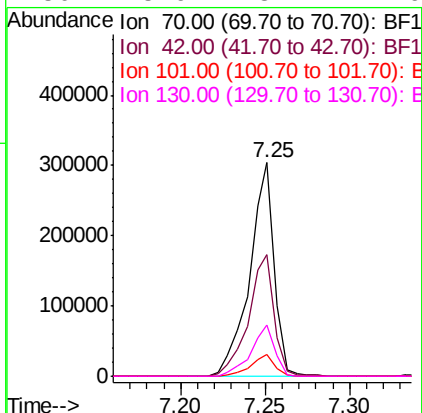
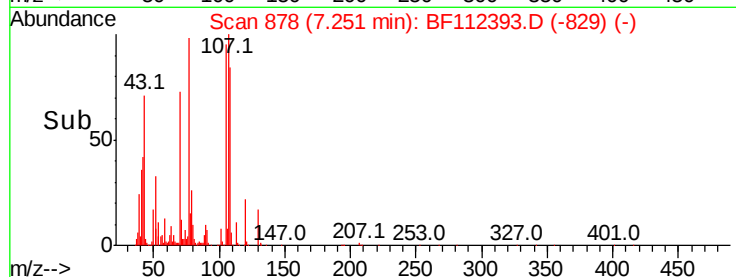
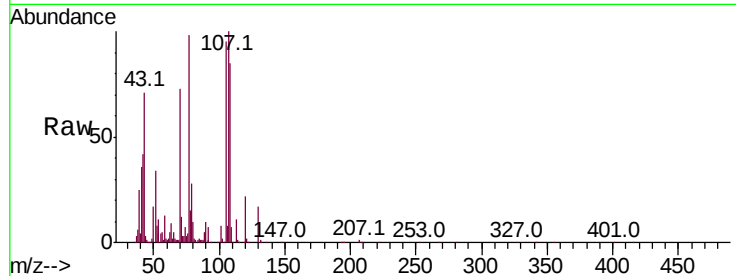
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	47.6	71.4	
101	10.5	7.9	11.9	
130	23.9	18.4	27.6	

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#20

3+4-Methylphenols

Concen: 38.847 ng

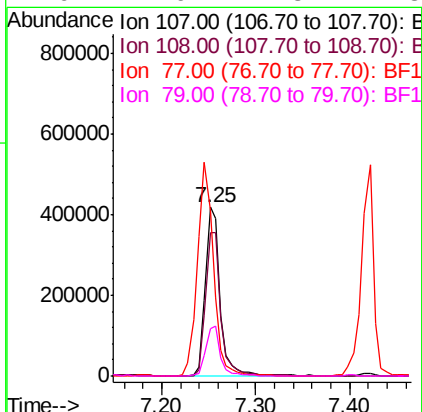
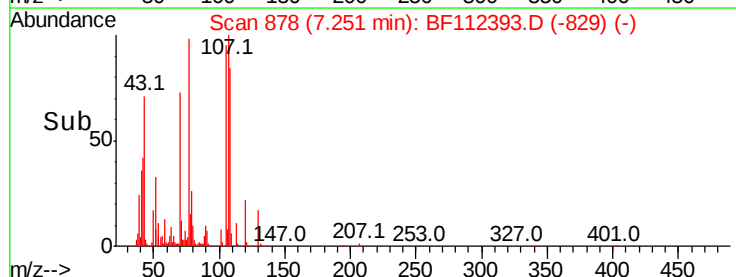
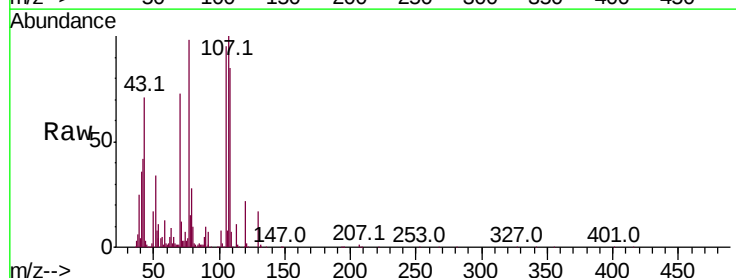
RT: 7.25 min Scan# 878

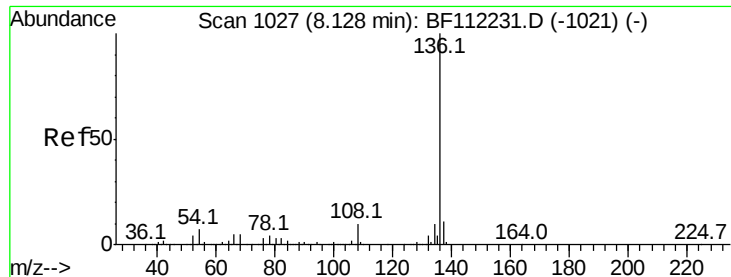
Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.7	68.2	108.2	
77	97.9	100.7	140.7#	
79	27.9	7.3	47.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

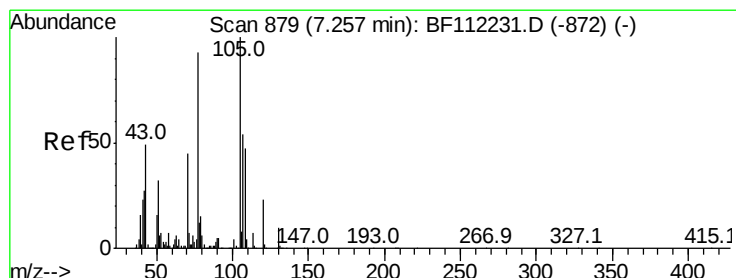
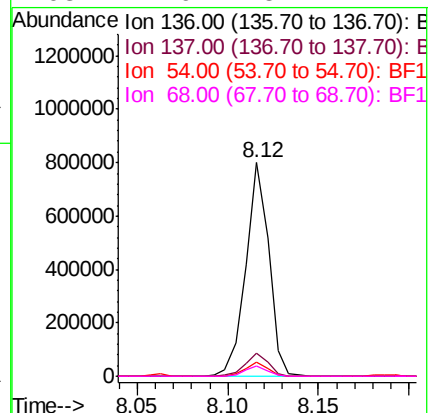
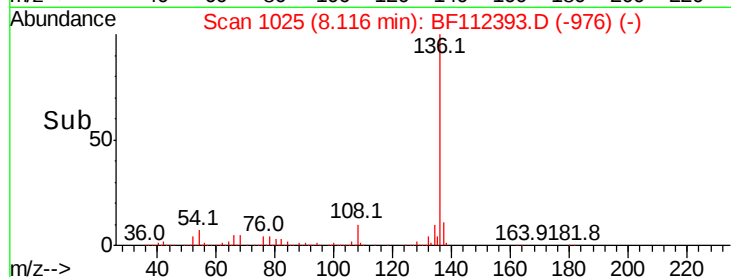
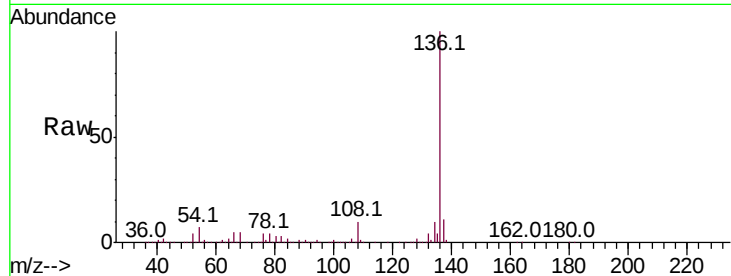
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	706747		
137	11.0		9.1	13.7
54	6.5		5.9	8.9
68	4.9		5.1	7.7#

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#22

Acetophenone

Concen: 37.949 ng

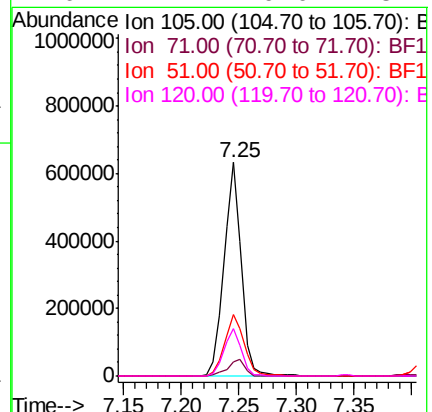
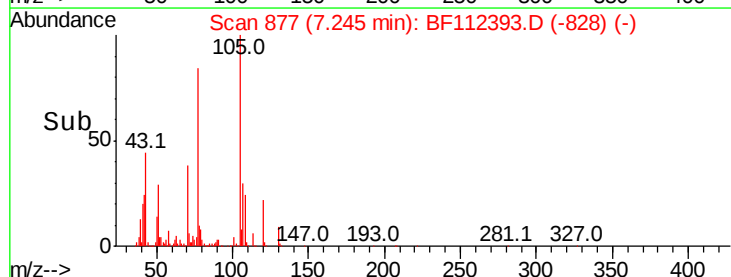
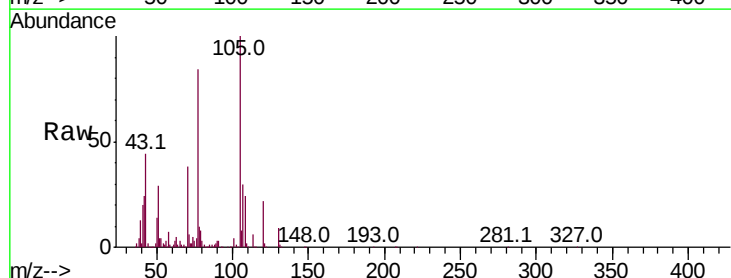
RT: 7.25 min Scan# 877

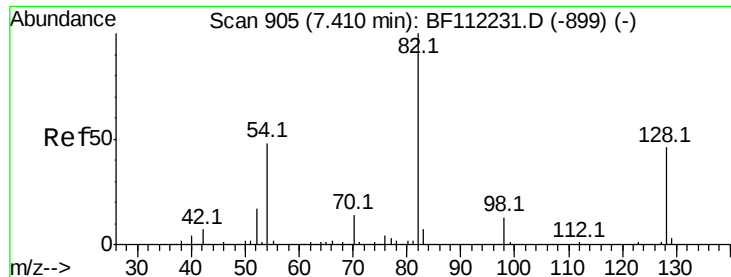
Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	653085		
71	6.5		4.6	6.8
51	28.7		25.0	37.6
120	22.4		19.0	28.4





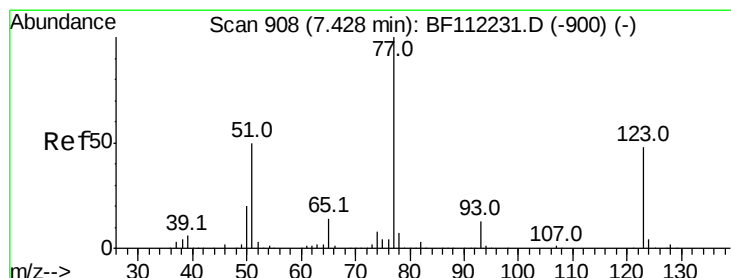
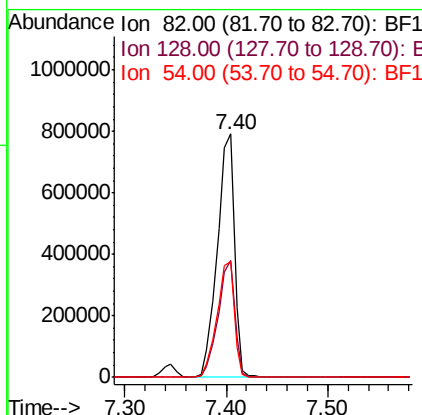
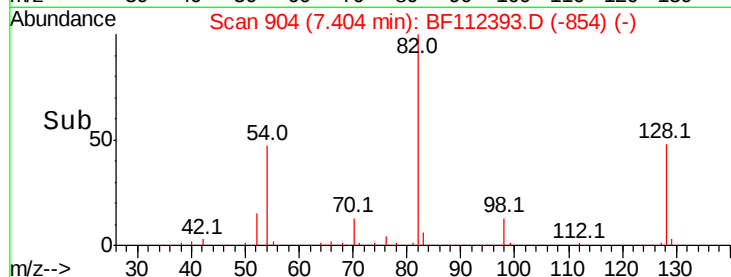
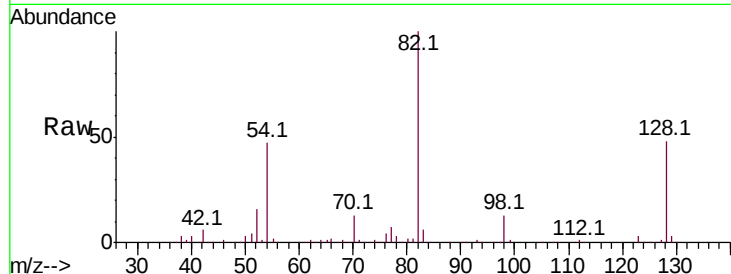
#23
Nitrobenzene-d5
Concen: 76.357 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.8	56.8
54	47.3	39.7	59.5

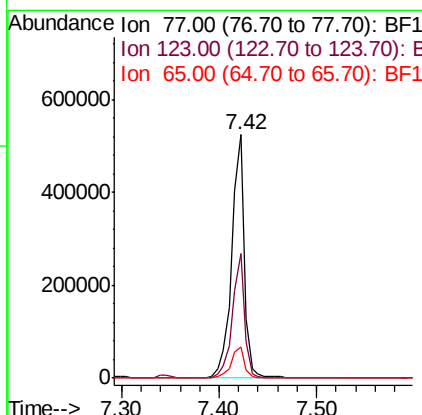
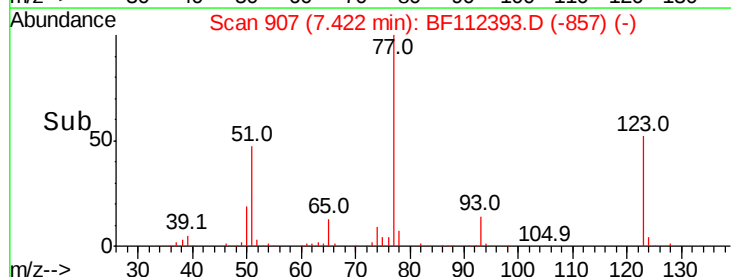
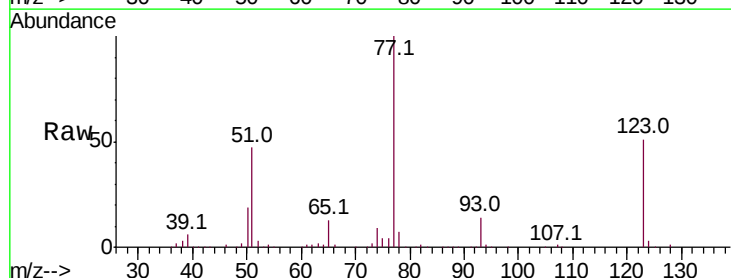
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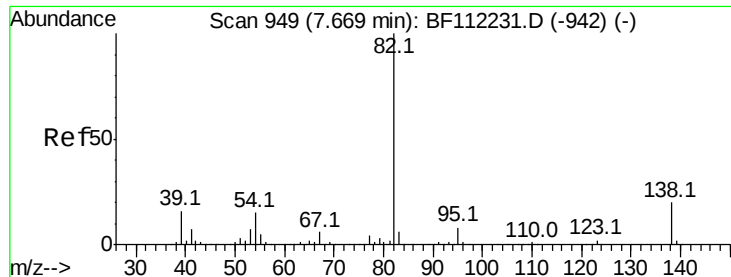
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#24
Nitrobenzene
Concen: 38.388 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.1	38.4	57.6
65	13.1	10.6	15.8





#25

Isophorone

Concen: 38.461 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

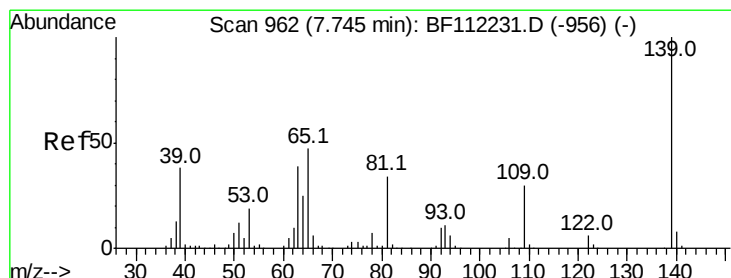
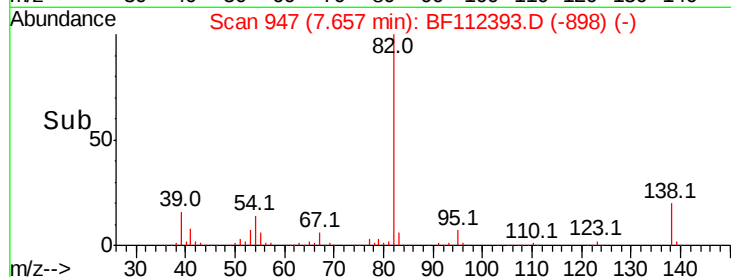
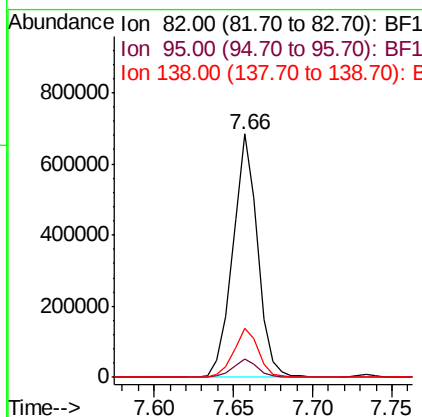
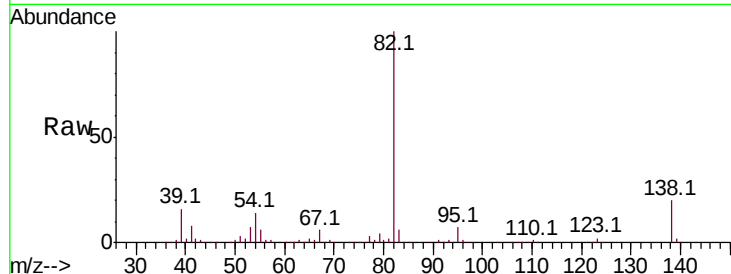
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	740069
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	20.3	15.4	23.0

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#26

2-Nitrophenol

Concen: 39.994 ng

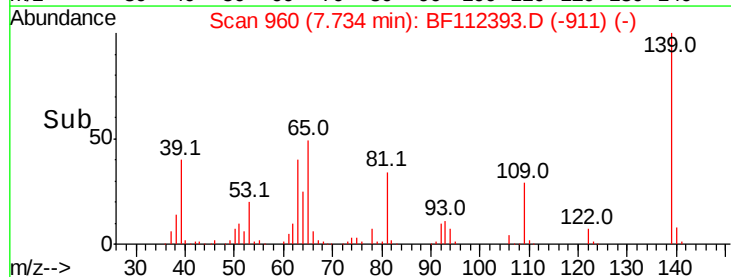
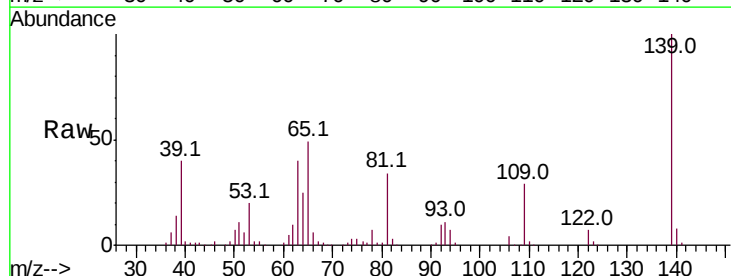
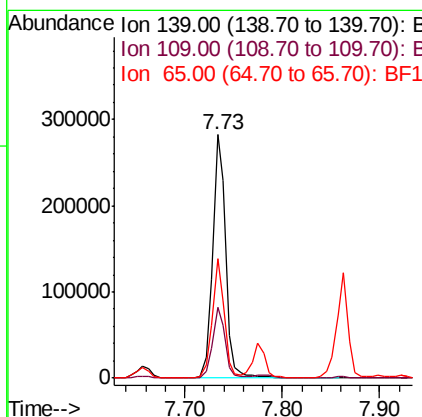
RT: 7.73 min Scan# 960

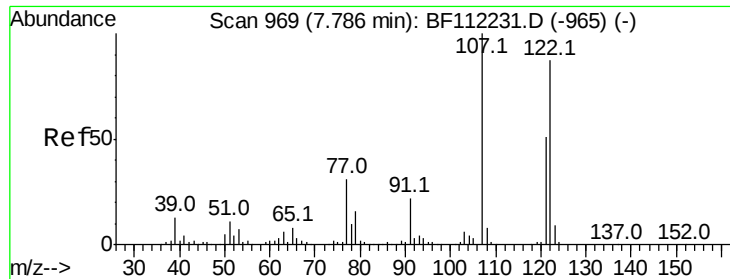
Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion:	139	Resp:	261822
Ion Ratio	Lower	Upper	
139	100		
109	28.8	20.8	31.2
65	49.2	34.4	51.6





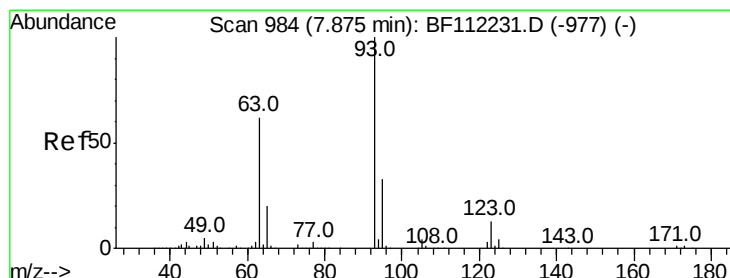
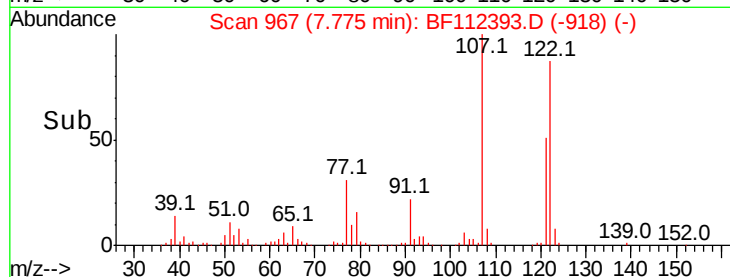
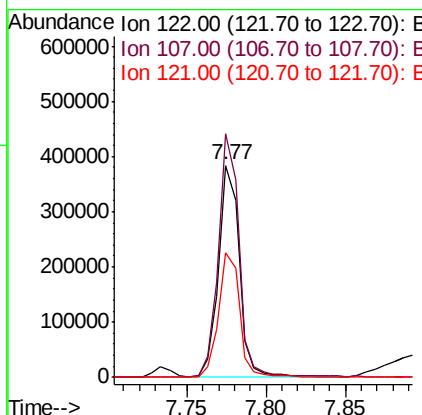
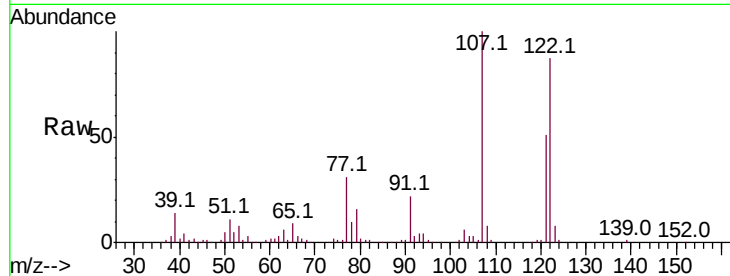
#27
2,4-Dimethylphenol
Concen: 38.786 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	349830		
107	114.8	85.4	128.0	
121	58.7	47.0	70.4	

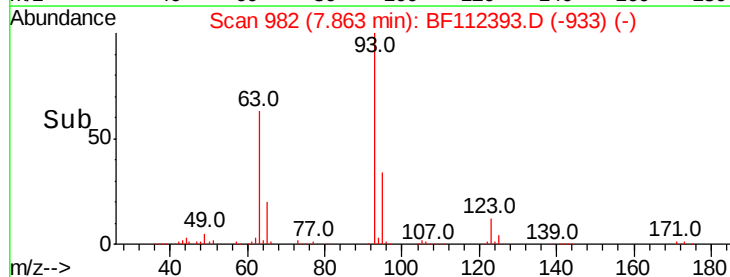
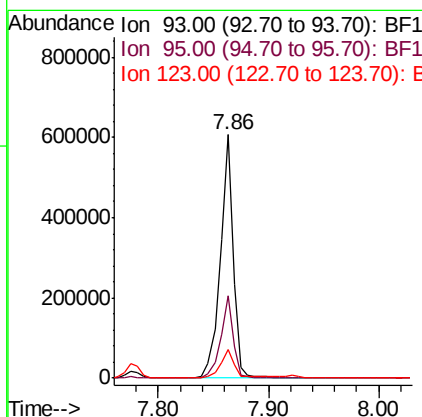
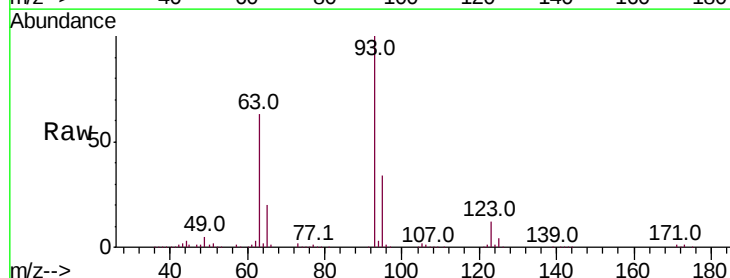
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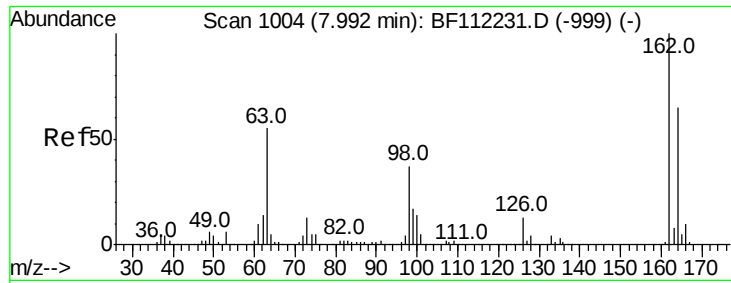
mohammad
2/6/2019 9:15:36 AM



#28
bis(2-Chloroethoxy)methane
Concen: 37.951 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	497241		
95	33.8	26.8	40.2	
123	12.0	10.2	15.2	





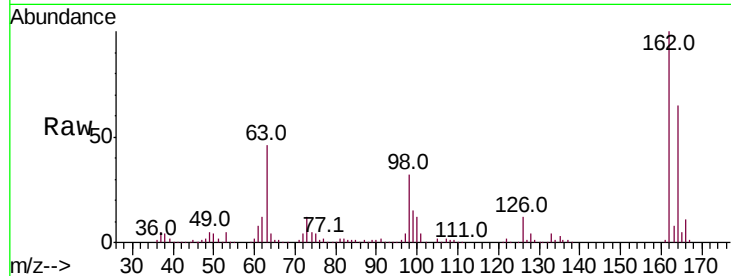
#29
2,4-Dichlorophenol
Concen: 39.511 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	44.6	84.6
98	32.2	14.6	54.6

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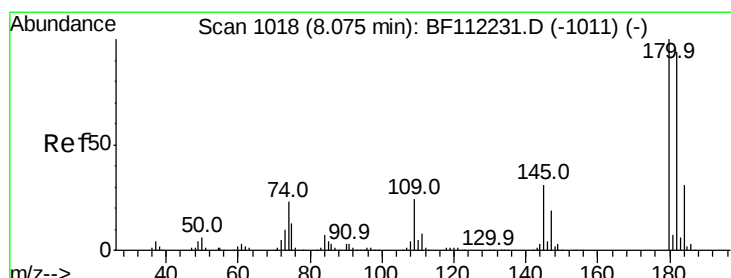
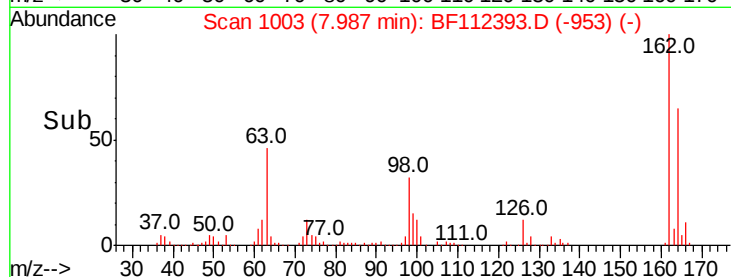
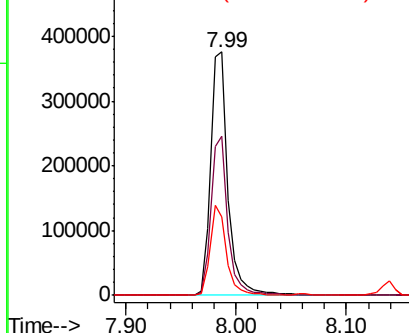


Abundance

Ion 162.00 (161.70 to 162.70): E

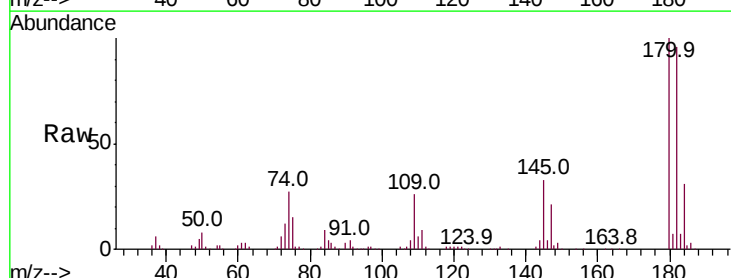
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.367 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	76.4	114.6
145	33.2	25.0	37.4

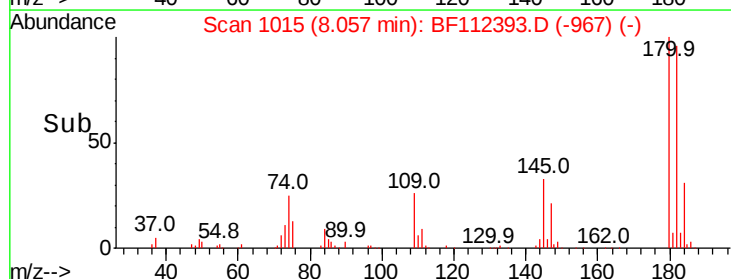
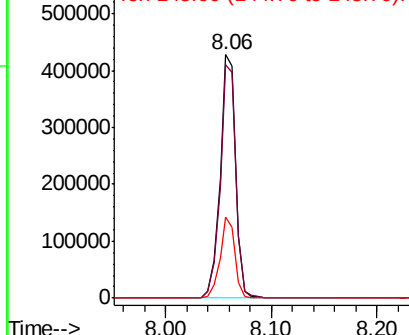


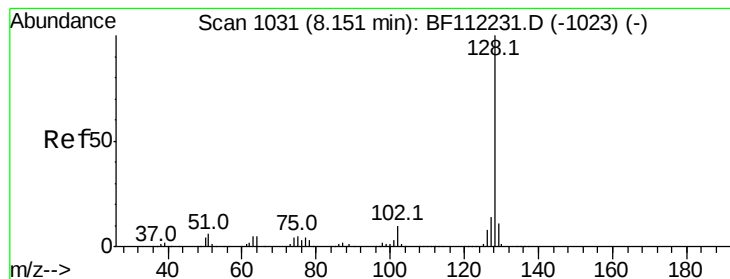
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.963 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

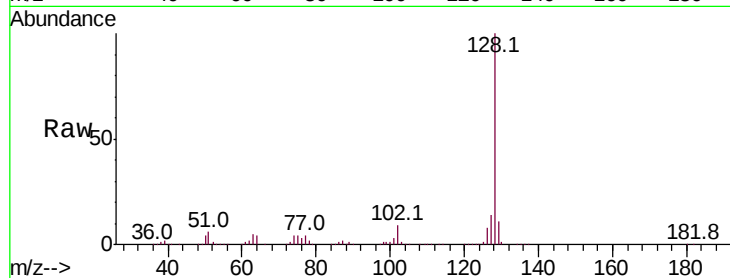
ClientSampleId :

SSTDCCC040

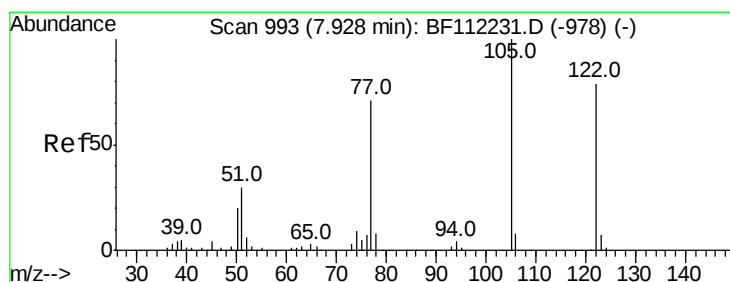
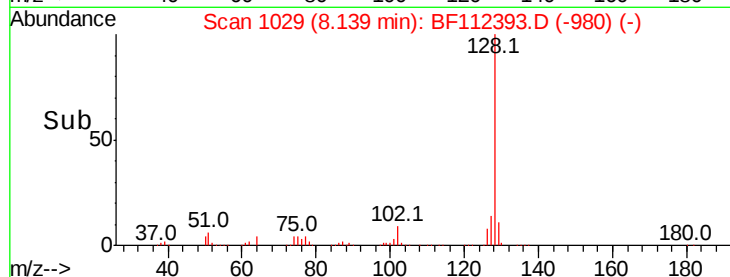
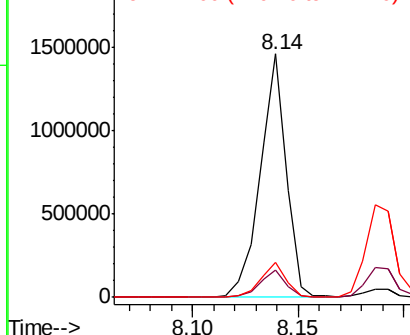
Tot Ion:	128	Resp:	1254693
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.6	14.4
127	14.3	11.1	16.7

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Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.781 ng m

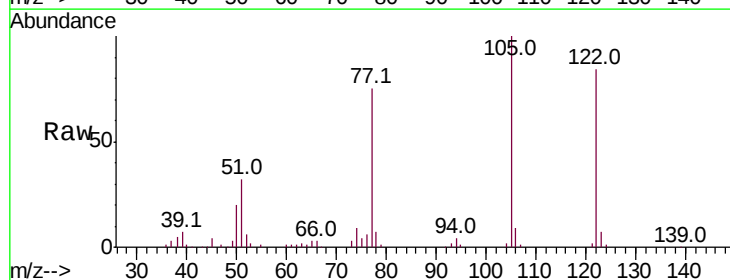
RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

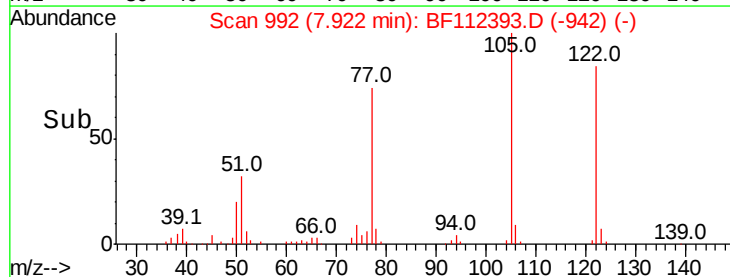
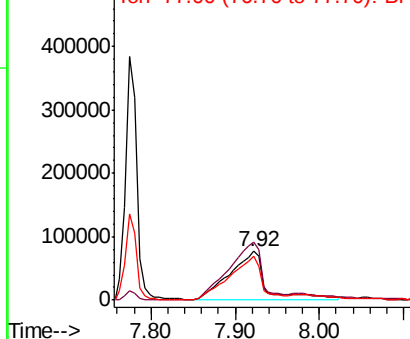
Lab File: BF112393.D

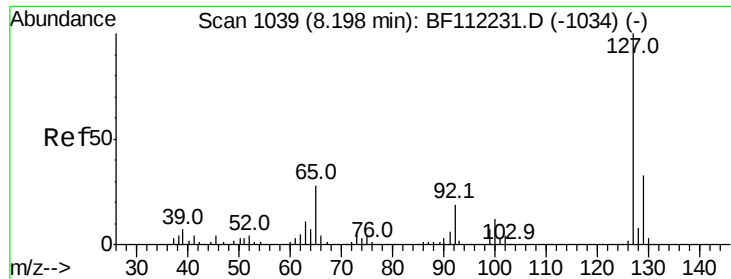
Acq: 5 Feb 2019 13:42

Tgt Ion:	122	Resp:	235539
Ion	Ratio	Lower	Upper
122	100		
105	119.6	101.2	141.2
77	89.4	70.4	110.4



Abundance Ion 122.00 (121.70 to 122.70): E
500000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





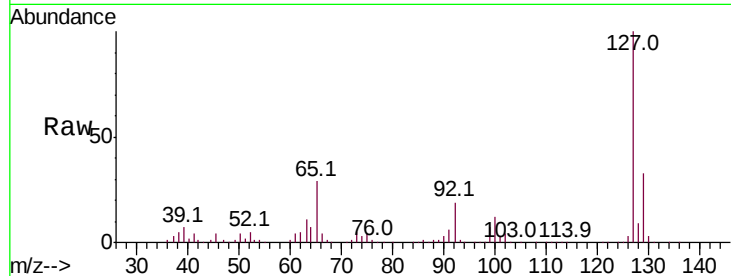
#33
4-Chloroaniline
Concen: 39.397 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	39.8
65	29.5	21.4	32.2
92	19.3	14.2	21.2

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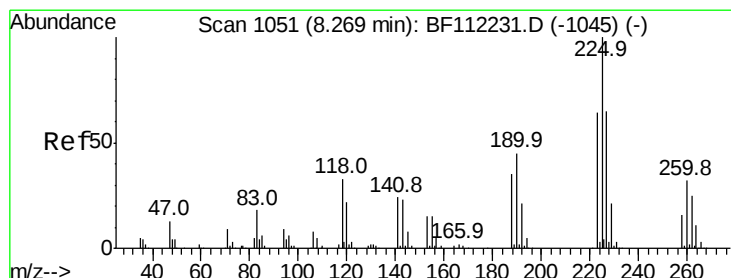
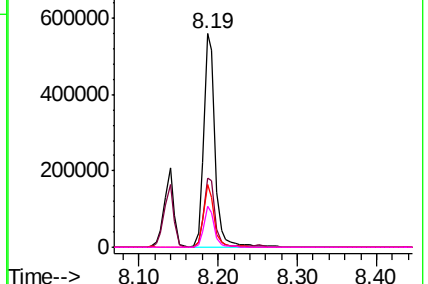
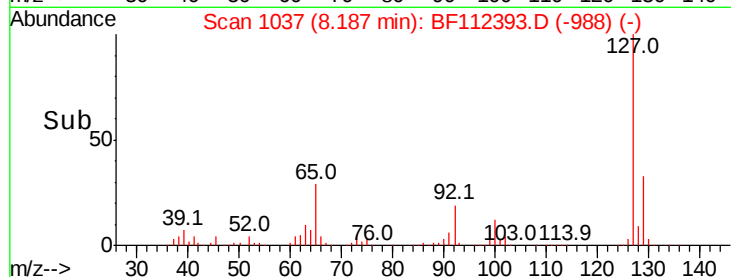
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

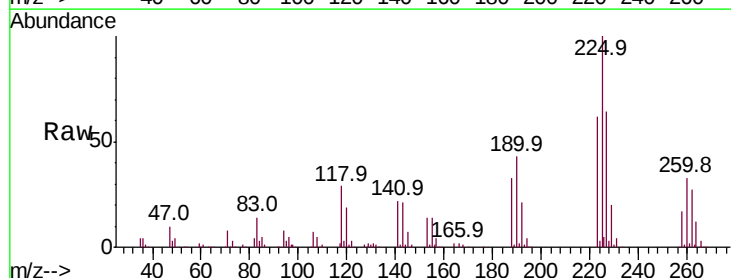
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.313 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.3	75.5
227	63.9	51.8	77.8

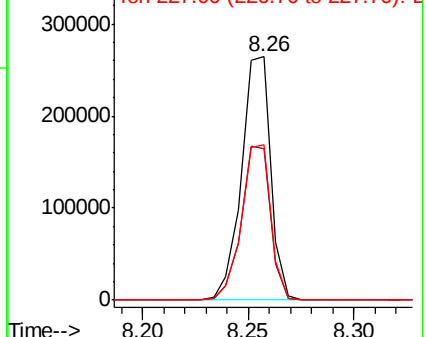
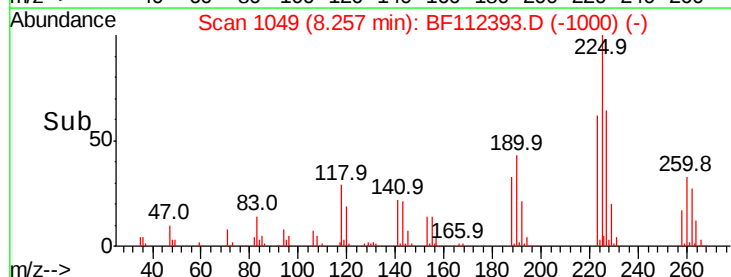


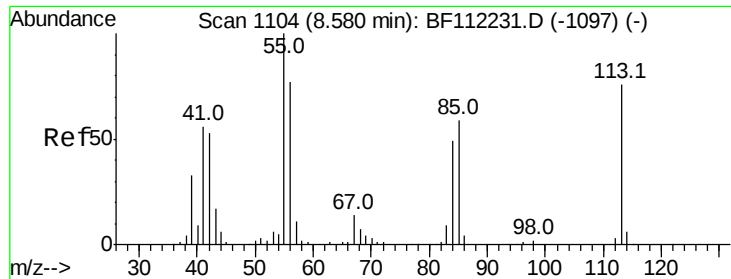
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





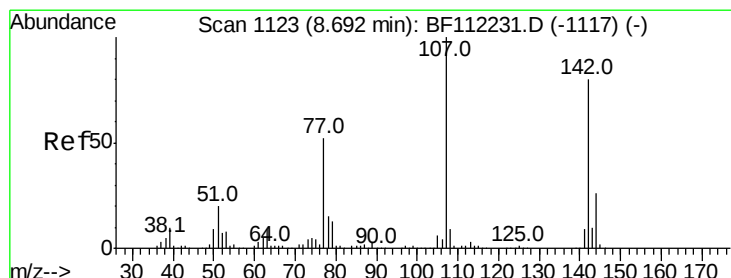
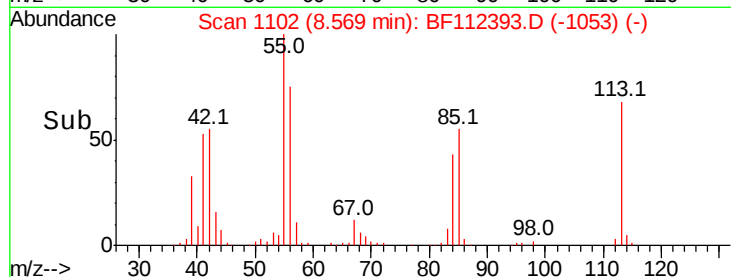
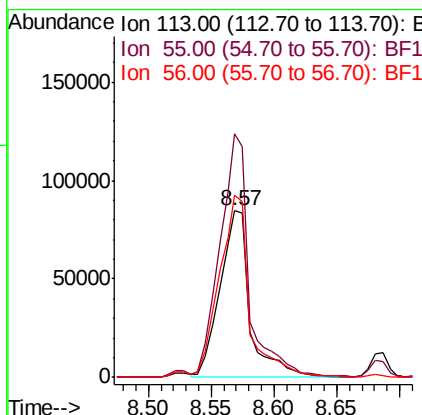
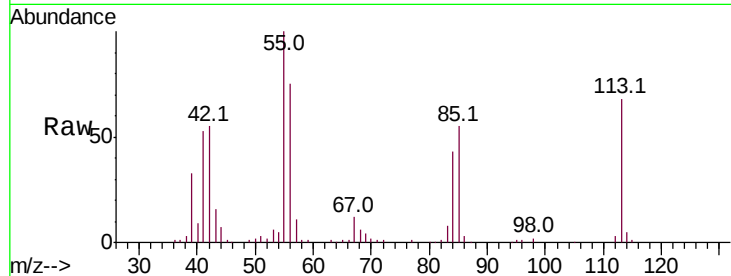
#35
 Caprolactam
 Concen: 39.662 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.3	121.6	161.6
56	109.6	86.7	126.7

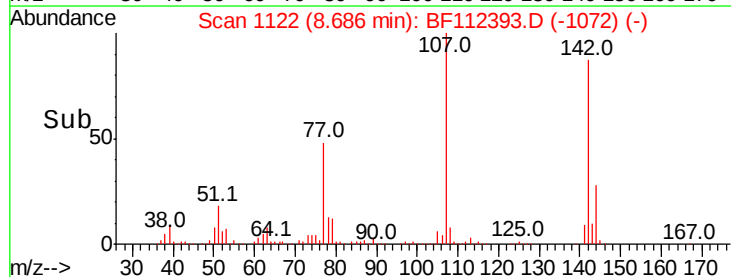
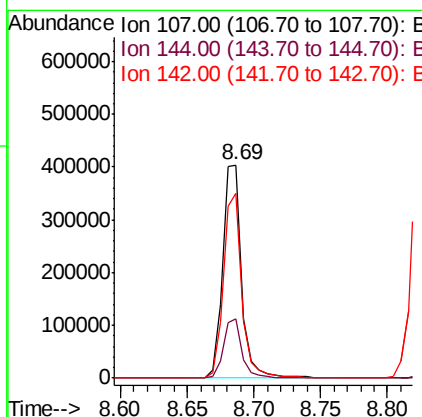
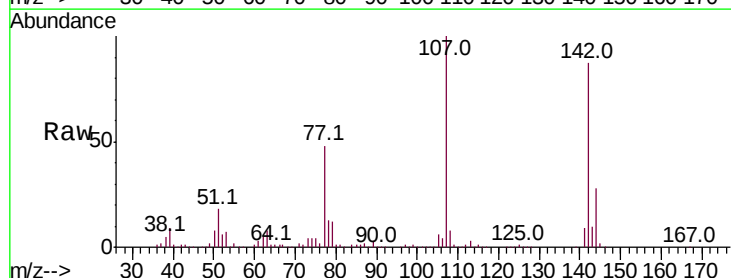
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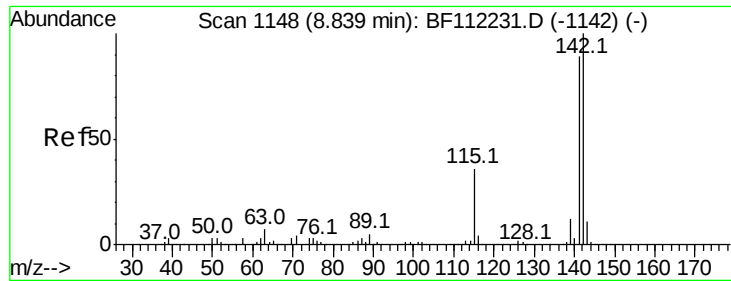
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#36
 4-Chloro-3-methylphenol
 Concen: 38.175 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	22.2	33.2
142	86.8	67.7	101.5





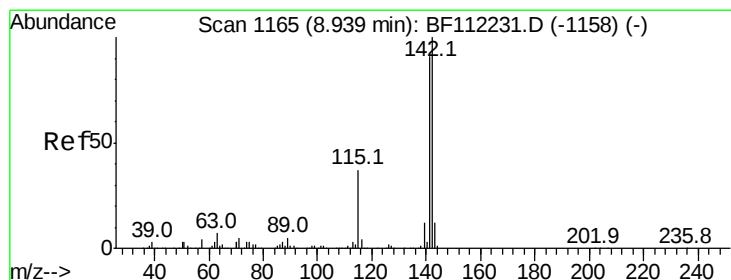
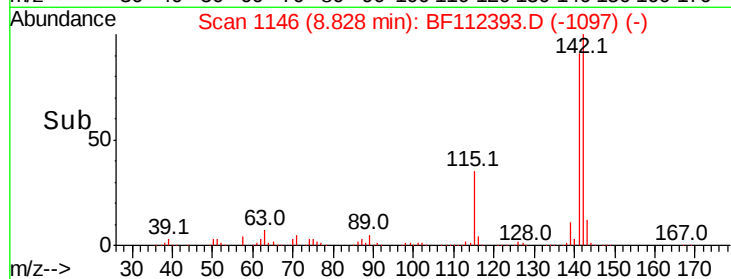
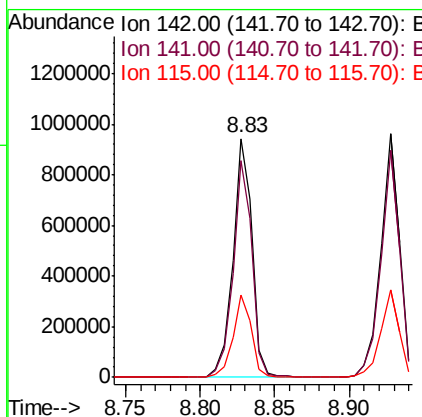
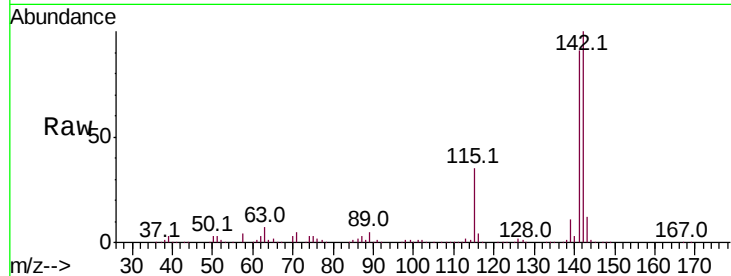
#37
2-Methylnaphthalene
Concen: 37.772 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	854621		
141	90.8	70.9	106.3	
115	34.6	24.9	37.3	

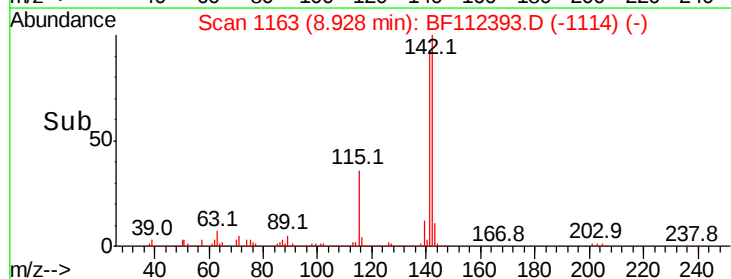
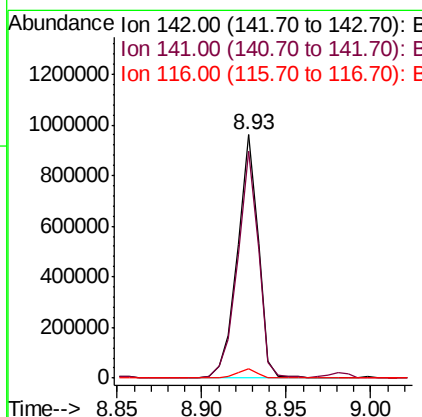
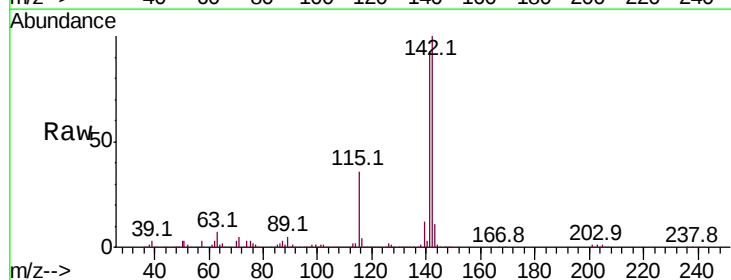
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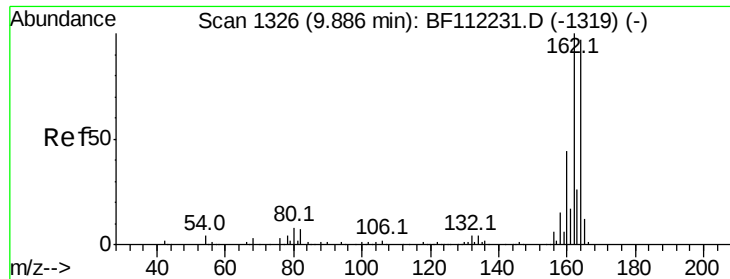
mohammad
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#38
1-Methylnaphthalene
Concen: 37.795 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	819635		
141	93.0	72.6	108.8	
116	3.7	2.8	4.2	





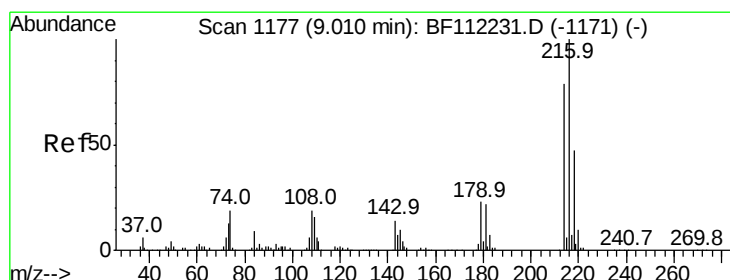
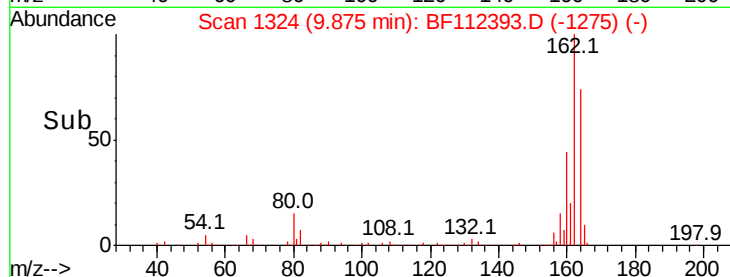
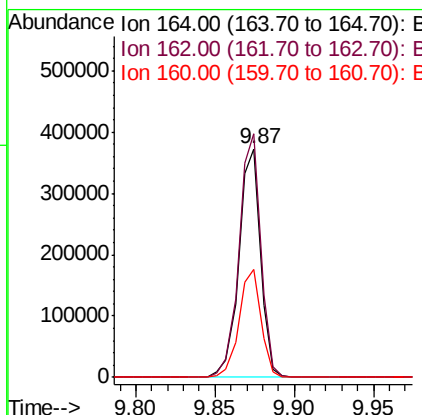
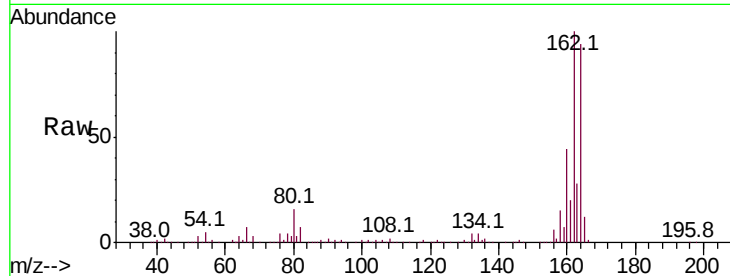
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.2	123.4
160	47.3	36.2	54.4

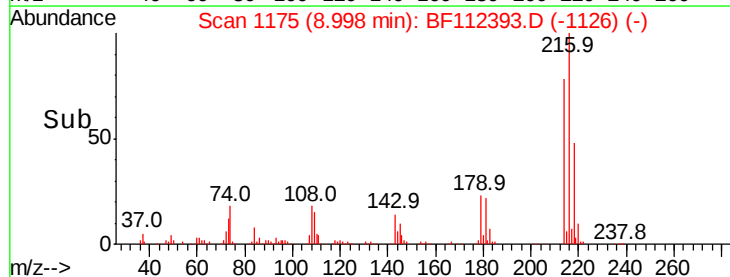
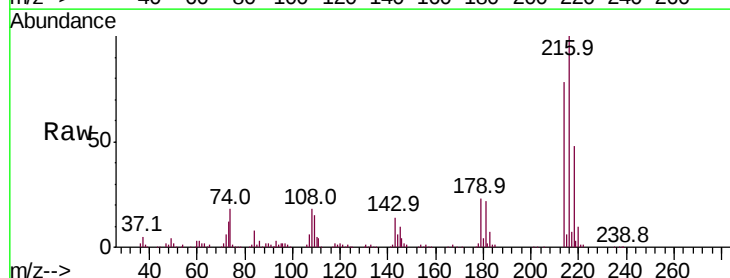
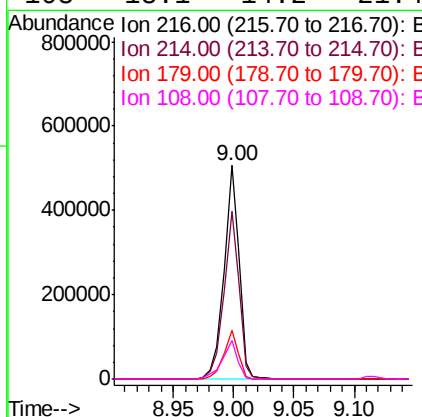
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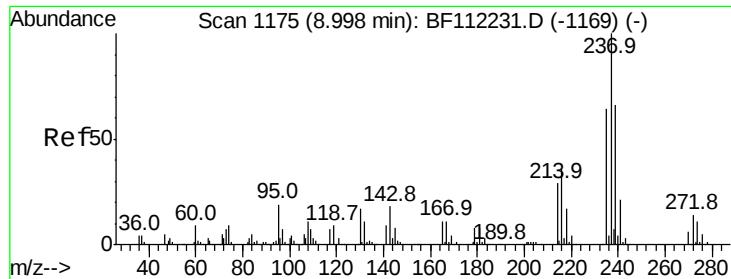
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.856 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.6
179	22.1	16.9	25.3
108	18.1	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 36.125 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

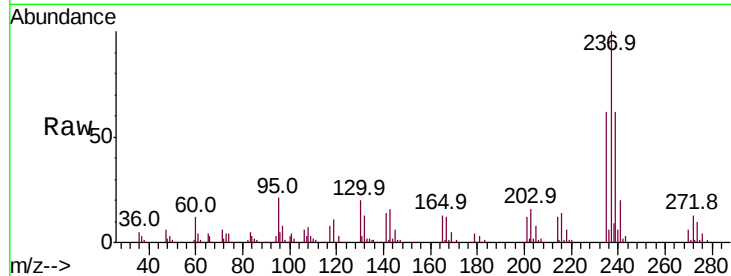
ClientSampleId :

SSTDCCC040

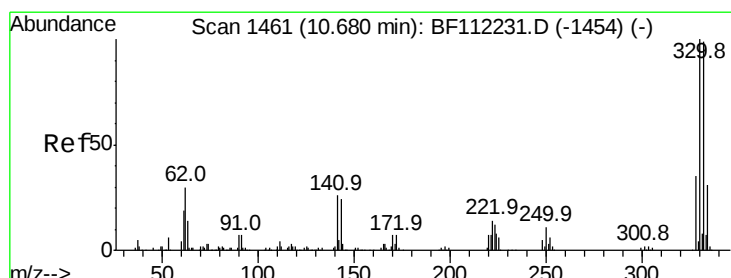
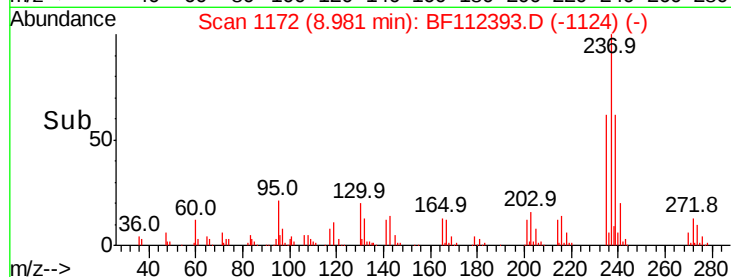
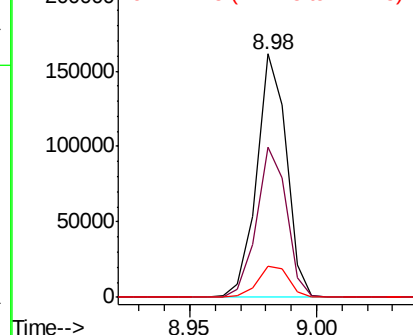
Tot Ion:	237	Resp:	132326
Ion Ratio	Lower	Upper	
237	100		
235	61.9	44.0	84.0
272	12.5	0.0	33.3

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: 81.497 ng

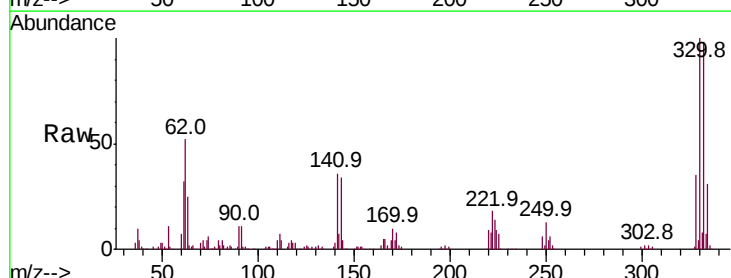
RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

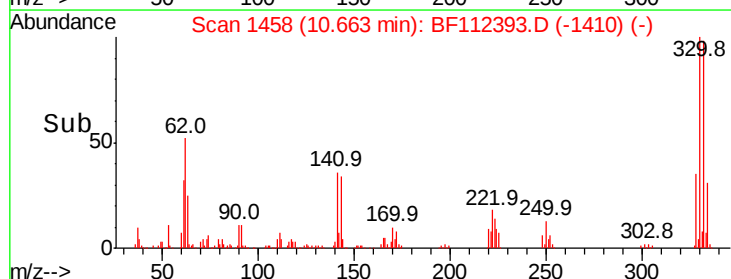
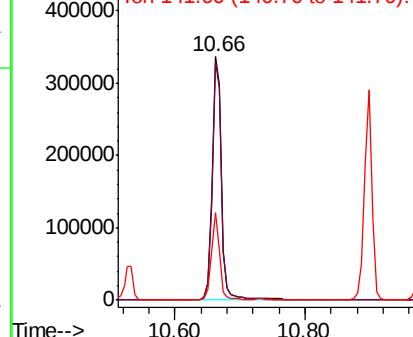
Lab File: BF112393.D

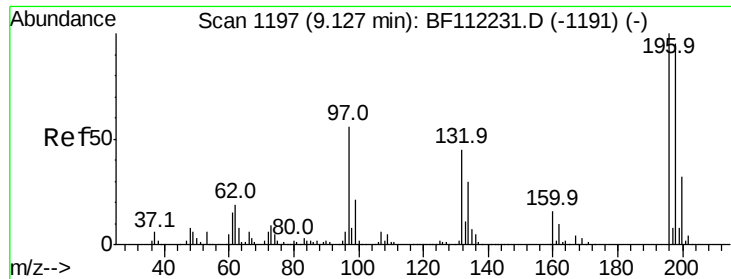
Acq: 5 Feb 2019 13:42

Tgt Ion:	330	Resp:	333913
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.6	114.8
141	32.0	24.3	36.5



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





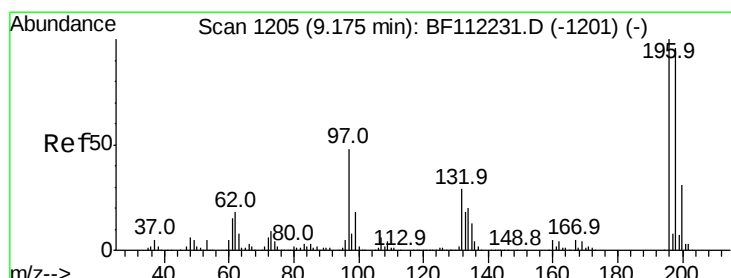
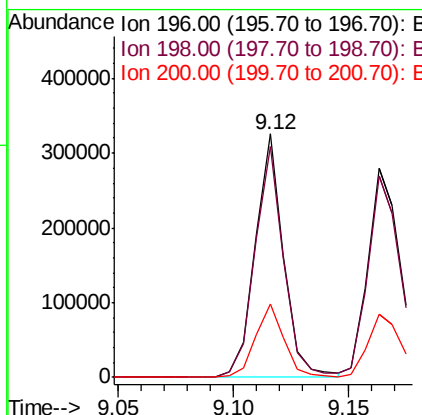
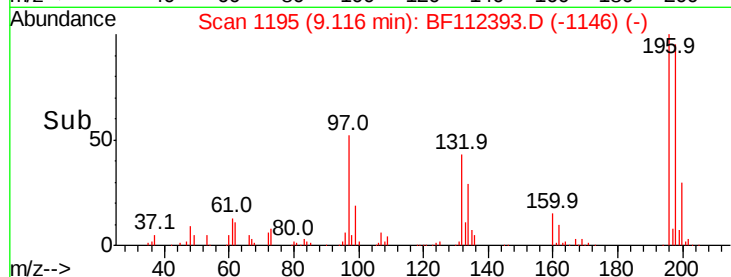
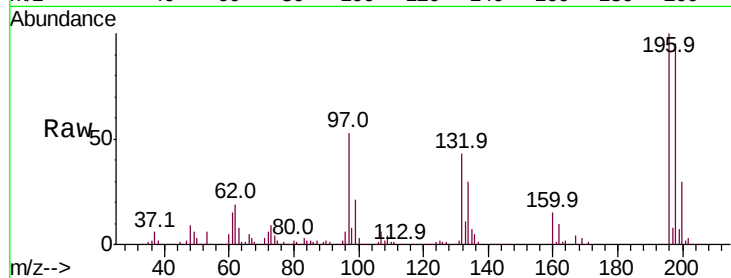
#43
 2,4,6-Trichlorophenol
 Concen: 39.289 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	279901
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.2	114.4
200	30.2	24.3	36.5

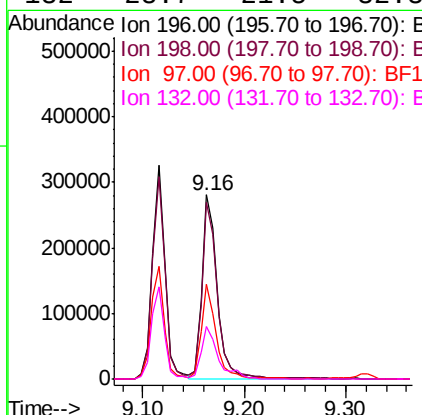
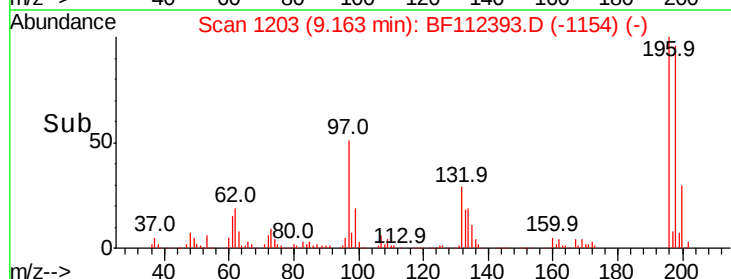
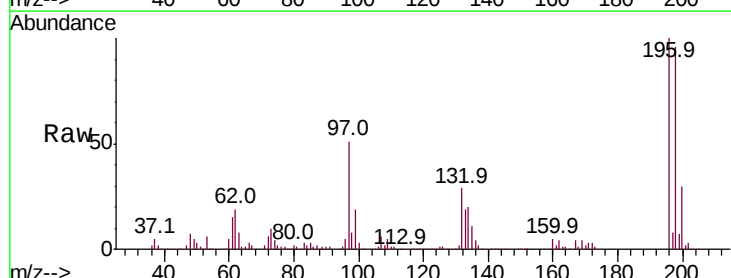
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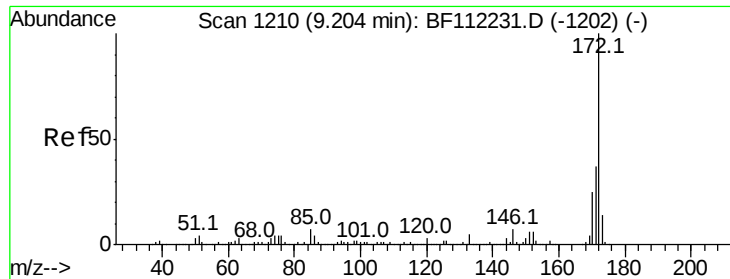
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#44
 2,4,5-Trichlorophenol
 Concen: 39.502 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:	196	Resp:	294118
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.0	114.0
97	51.3	36.4	54.6
132	28.7	21.5	32.3





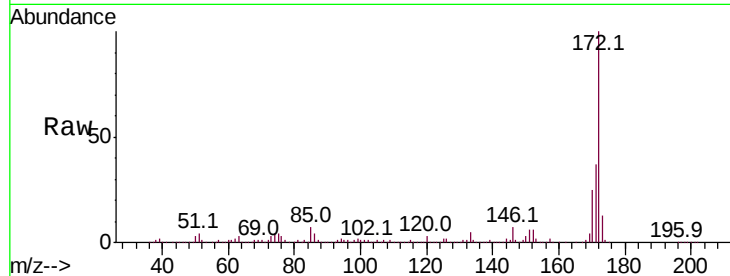
#45
2-Fluorobiphenyl
Concen: 74.298 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

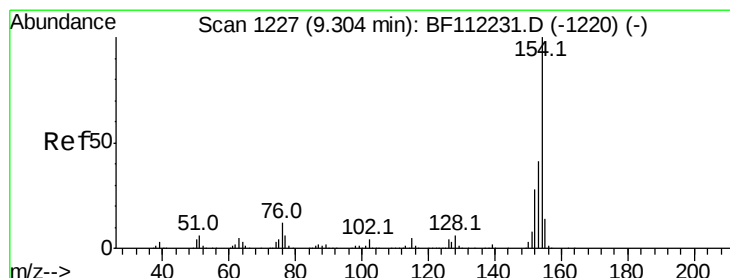
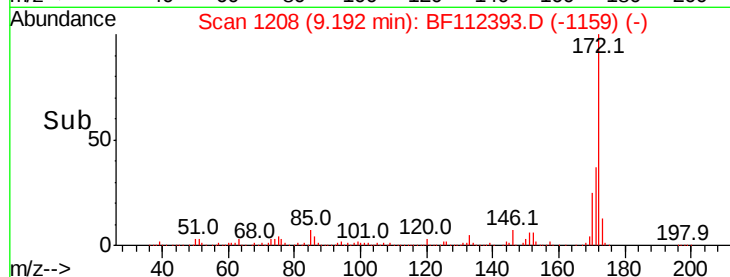
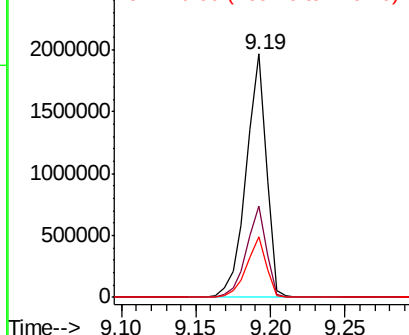
Tot Ion:172 Resp: 1849142
Ion Ratio Lower Upper
172 100
171 37.3 30.5 45.7
170 24.7 20.2 30.4

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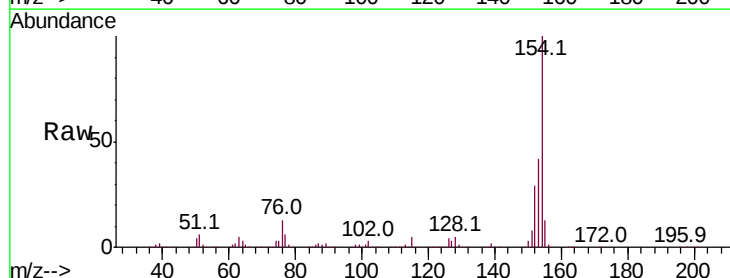


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

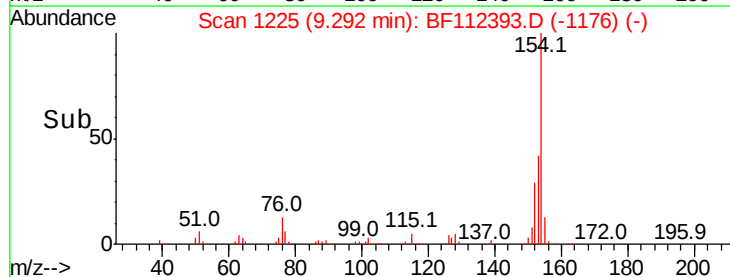
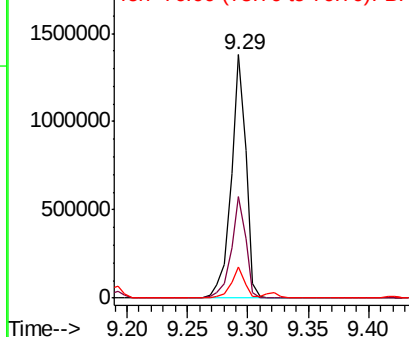


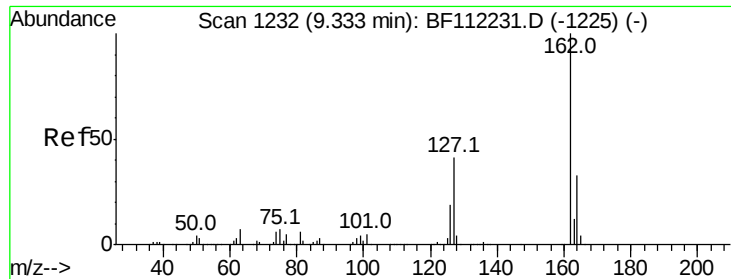
#46
1,1'-Biphenyl
Concen: 38.019 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:154 Resp: 1169978
Ion Ratio Lower Upper
154 100
153 41.5 21.5 61.5
76 12.6 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





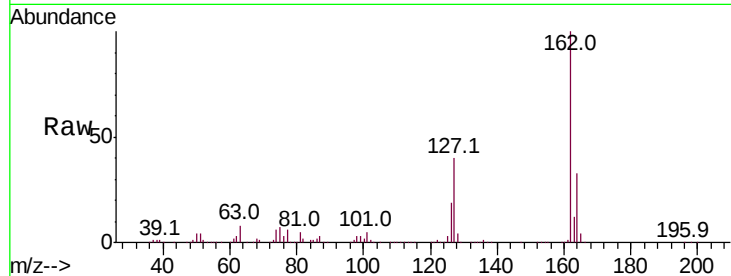
#47
2-Chloronaphthalene
Concen: 38.053 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

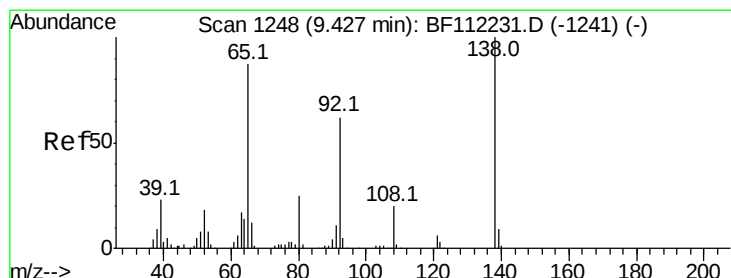
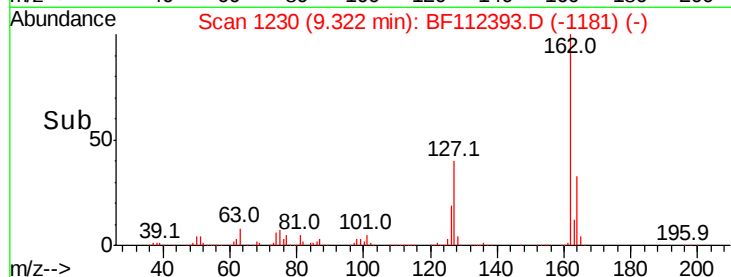
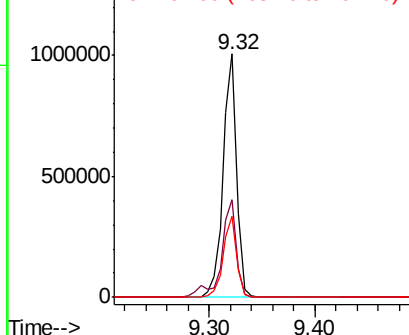
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.0	30.4	45.6
164	33.2	27.4	41.2

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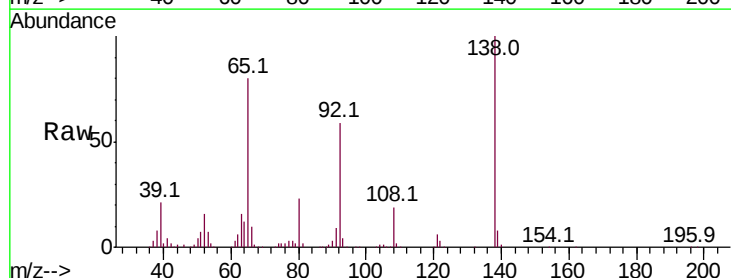


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

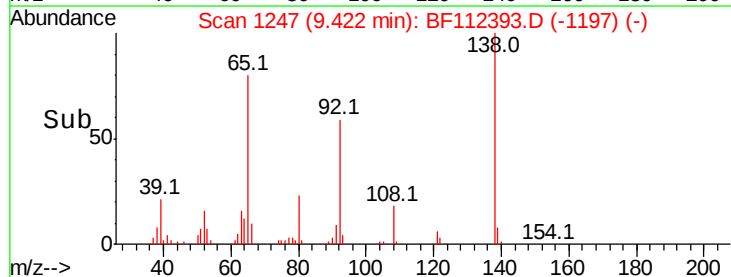
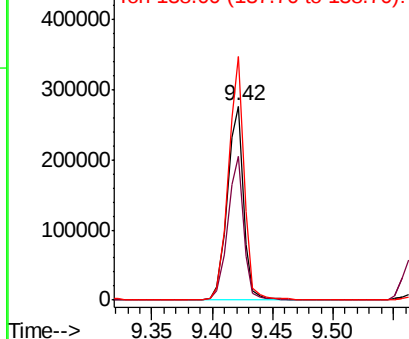


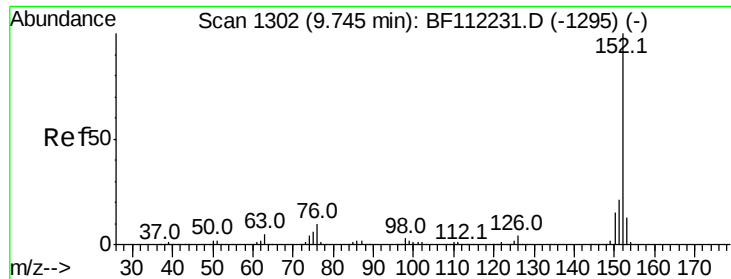
#48
2-Nitroaniline
Concen: 40.042 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.1	60.4	90.6
138	125.4	104.4	156.6



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: 38.233 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1337294

Ion Ratio Lower Upper

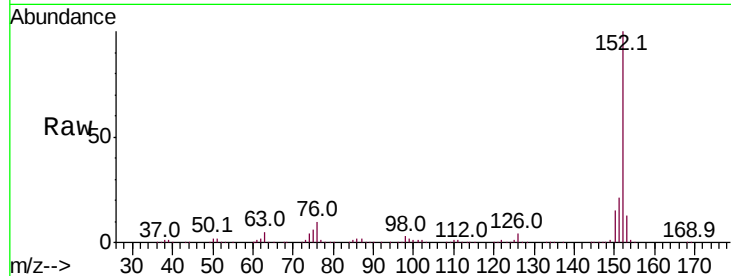
152 100

151 20.6 17.0 25.6

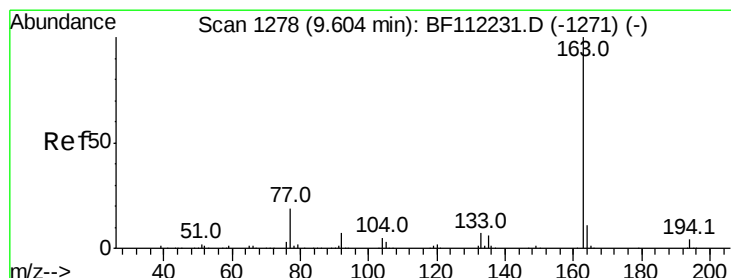
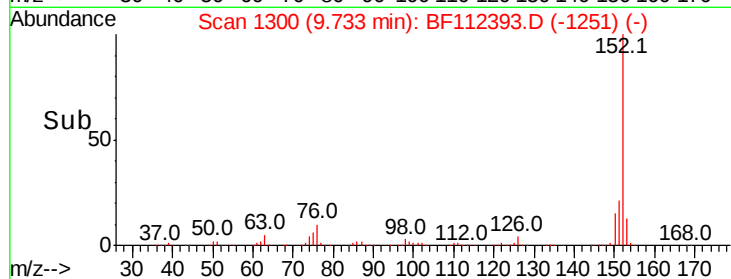
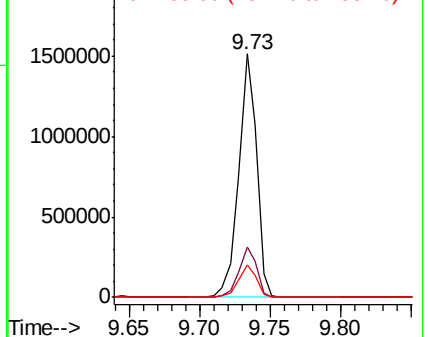
153 13.4 11.2 16.8

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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: 38.171 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

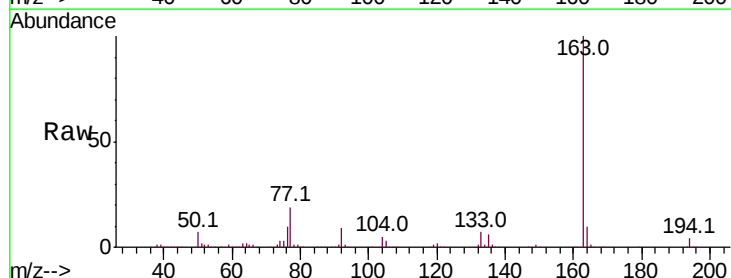
Tgt Ion:163 Resp: 1043942

Ion Ratio Lower Upper

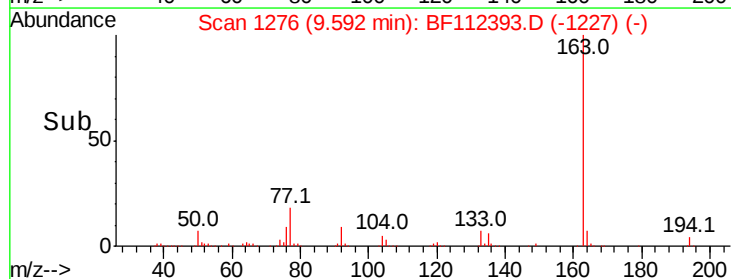
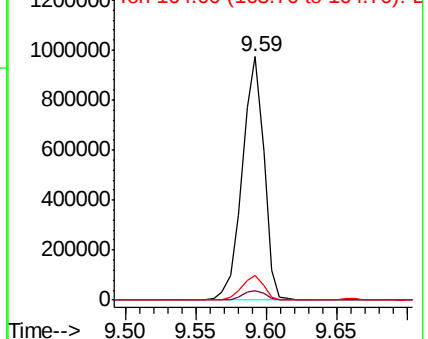
163 100

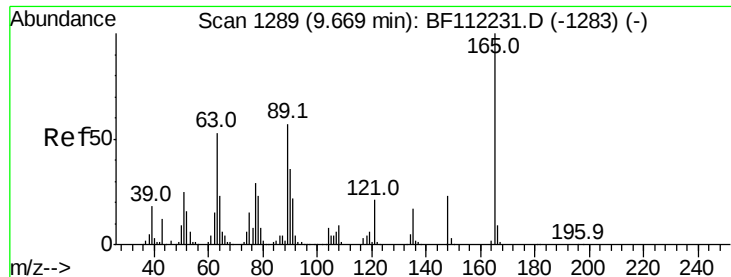
194 4.0 3.3 4.9

164 10.0 8.5 12.7



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





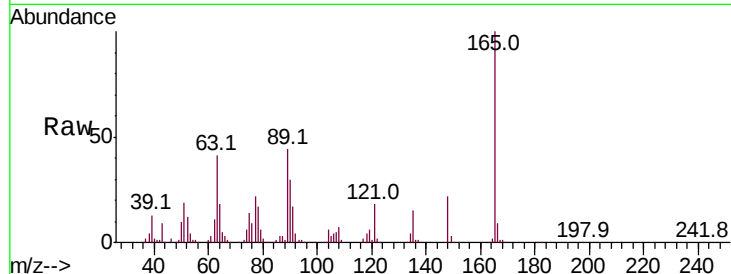
#51
 2,6-Dinitrotoluene
 Concen: 39.729 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

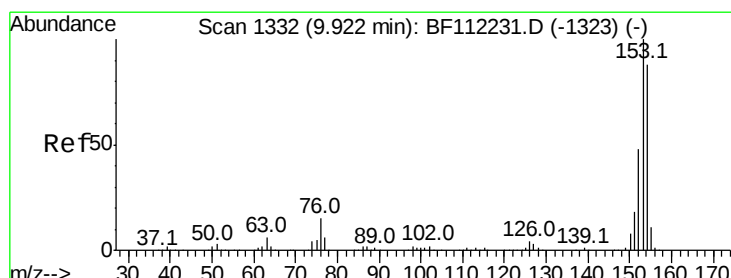
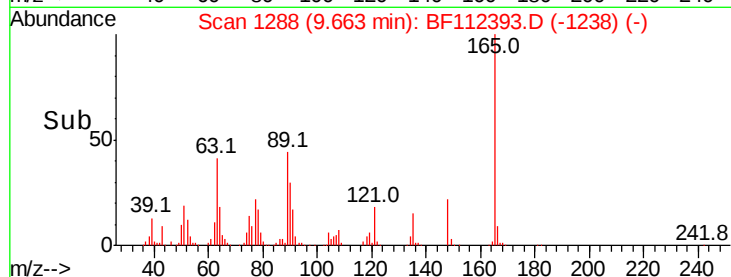
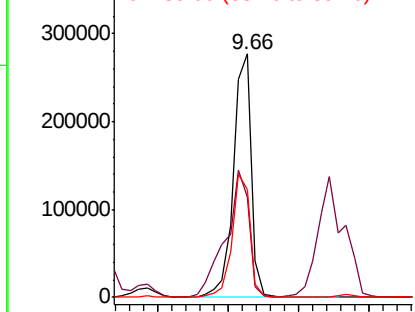
Tot Ion	Ratio	Resp	Lower	Upper
165	100	243345		
63	41.0		33.8	50.8
89	44.1		36.9	55.3

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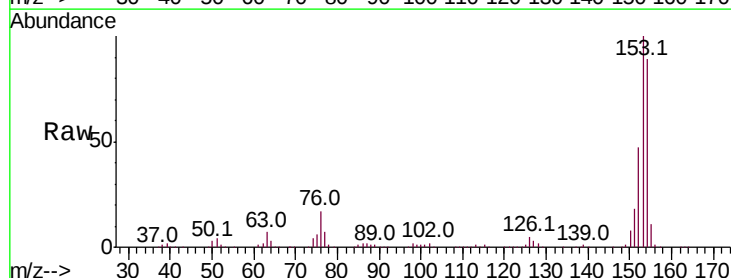


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

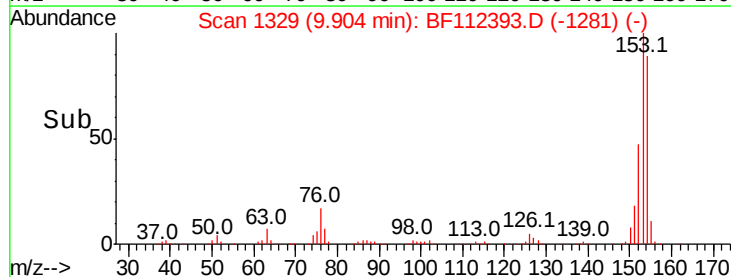
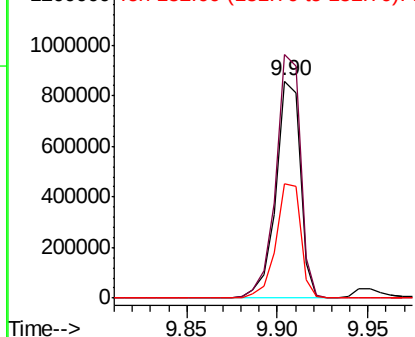


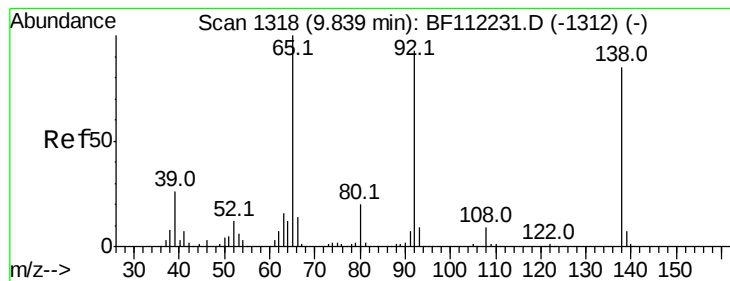
#52
 Acenaphthene
 Concen: 38.553 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	805553		
153	112.3		89.8	134.6
152	52.6		43.5	65.3



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: 40.217 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 266875

Ion Ratio Lower Upper

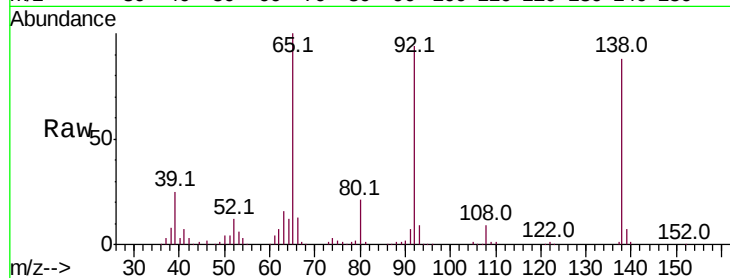
138 100

108 10.0 9.8 14.6

92 106.7 79.4 119.2

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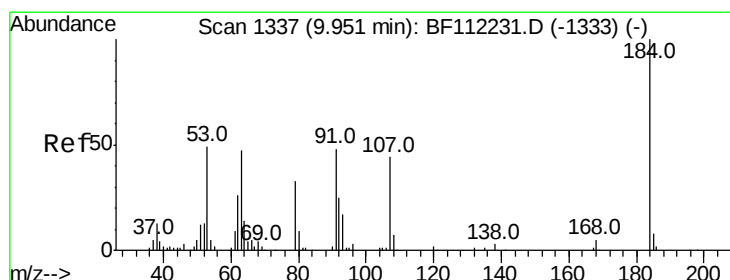
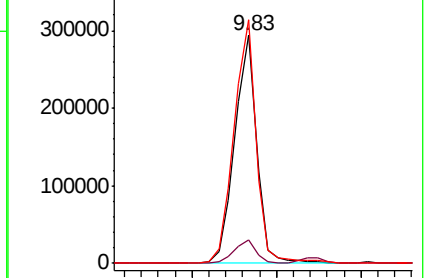
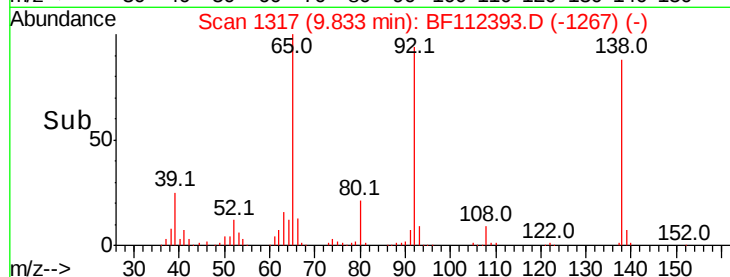
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 35.948 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

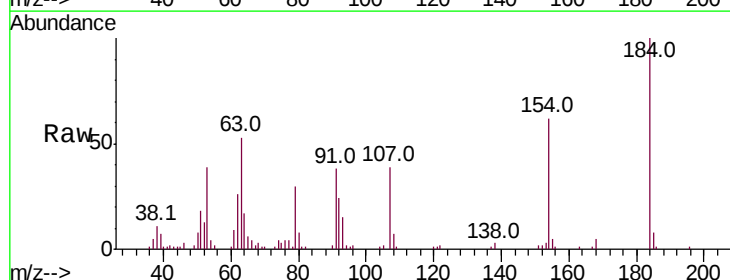
Tgt Ion:184 Resp: 70663

Ion Ratio Lower Upper

184 100

63 53.3 47.1 70.7

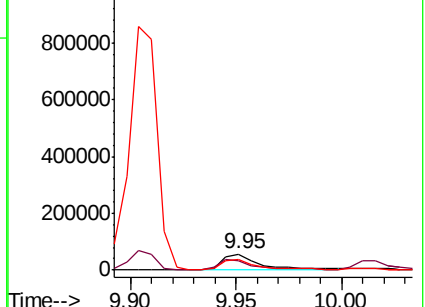
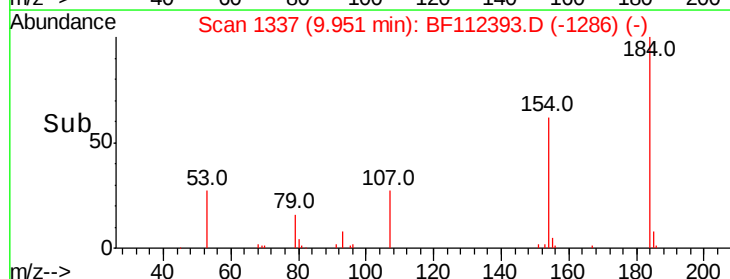
154 62.0 48.9 73.3

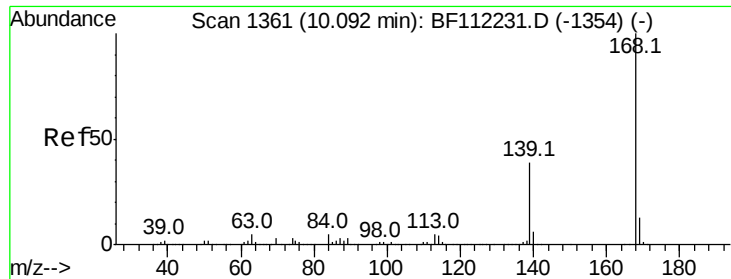


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 37.897 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1210057

Ion Ratio Lower Upper

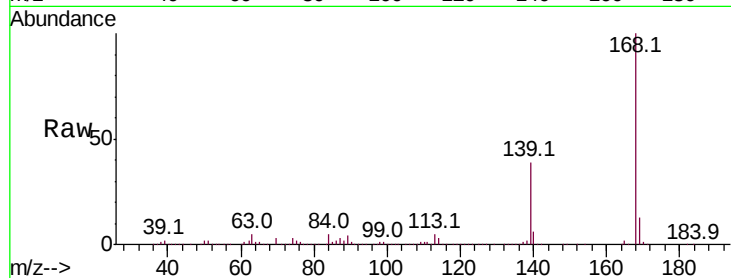
168 100

139 39.1 29.2 43.8

169 13.3 11.4 17.0

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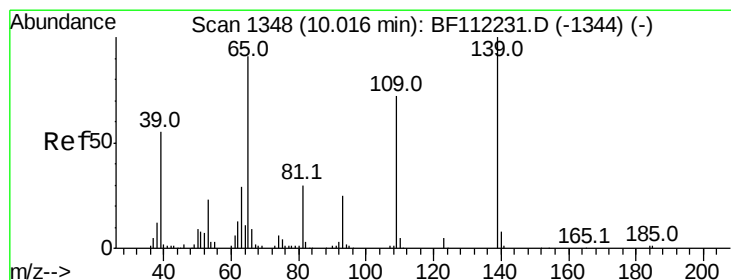
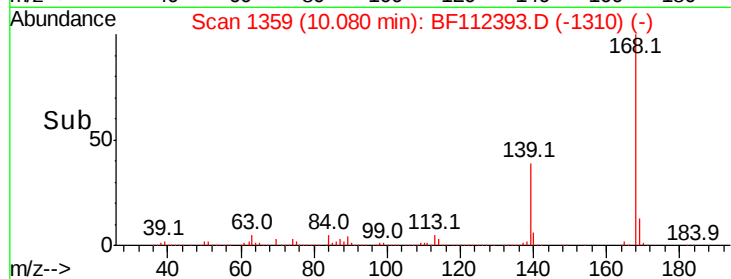
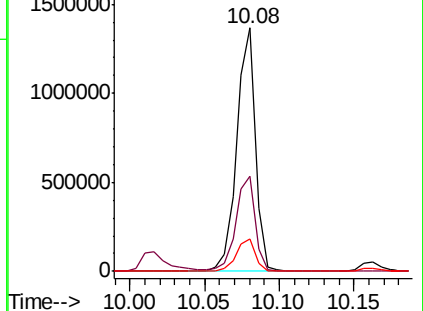
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 38.353 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

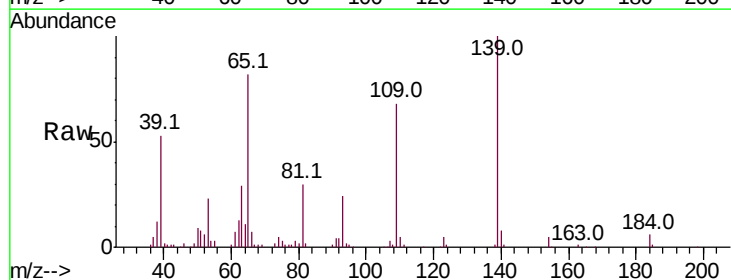
Tgt Ion:139 Resp: 134554

Ion Ratio Lower Upper

139 100

109 68.3 42.8 82.8

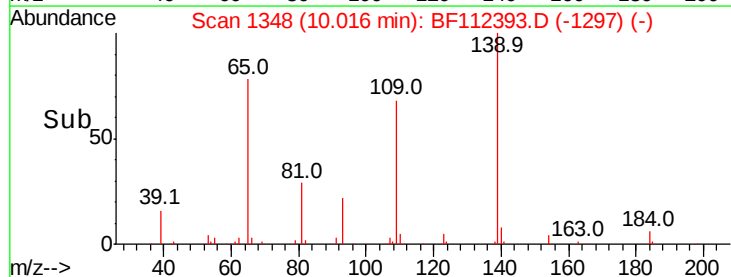
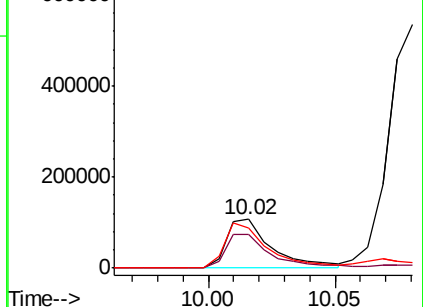
65 81.7 66.1 106.1

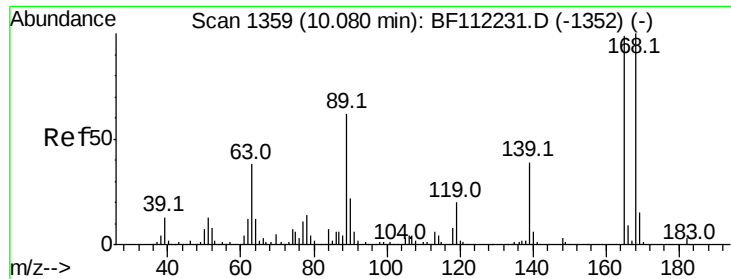


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





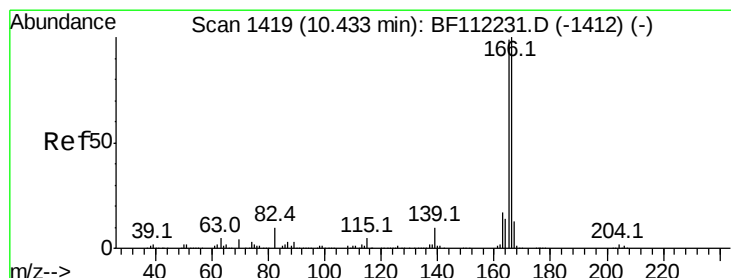
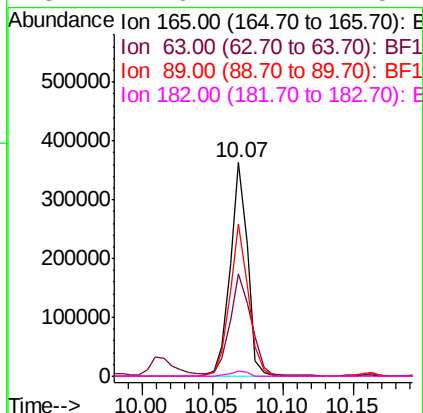
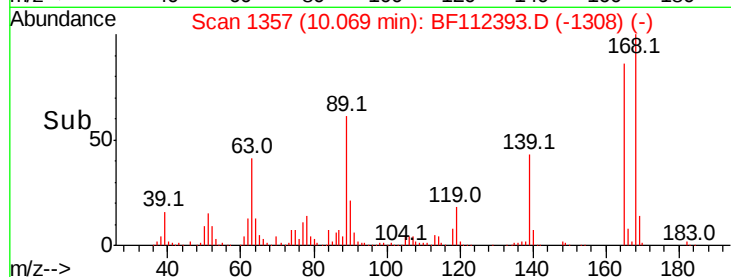
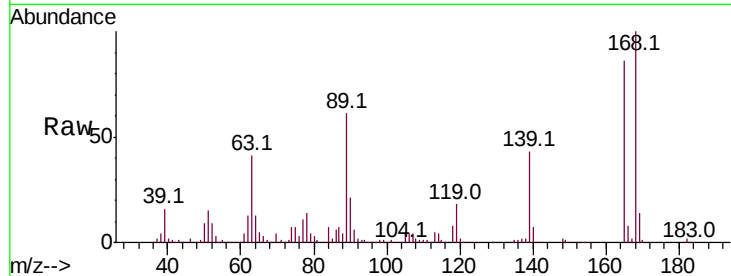
#57
2,4-Dinitrotoluene
Concen: 39.855 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.7	27.9	41.9#	
89	71.3	47.9	71.9	
182	2.6	2.2	3.4	

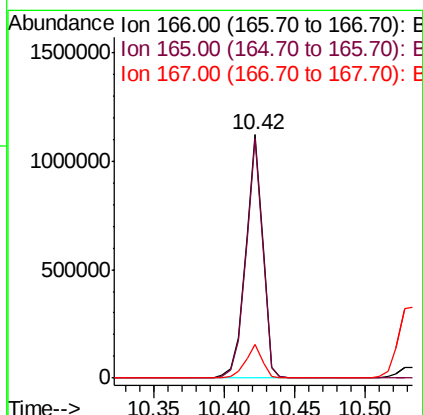
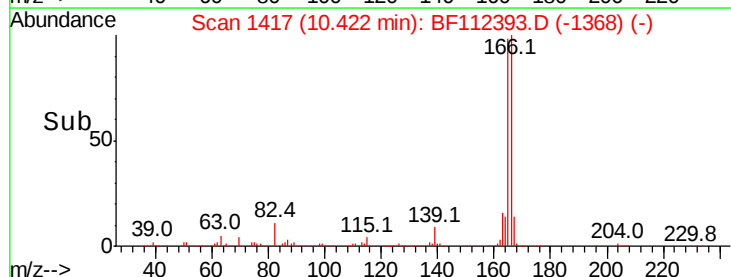
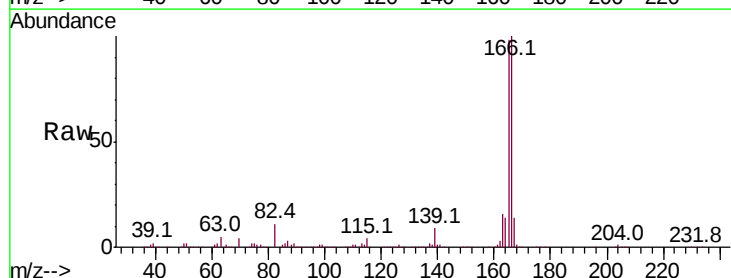
Manual Integrations
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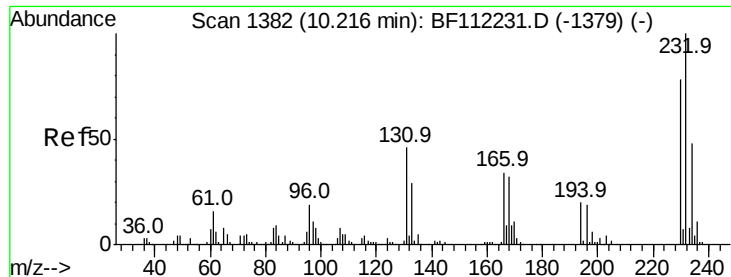
mohammad
2/6/2019 9:15:36 AM



#58
Fluorene
Concen: 39.156 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	77.1	115.7	
167	13.6	11.3	16.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.963 ng

RT: 10.20 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 236116

Ion Ratio Lower Upper

232 100

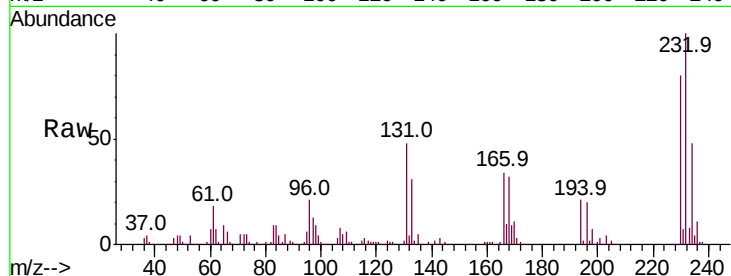
131 44.7 33.9 50.9

130 2.6 1.8 2.6

166 30.5 23.6 35.4

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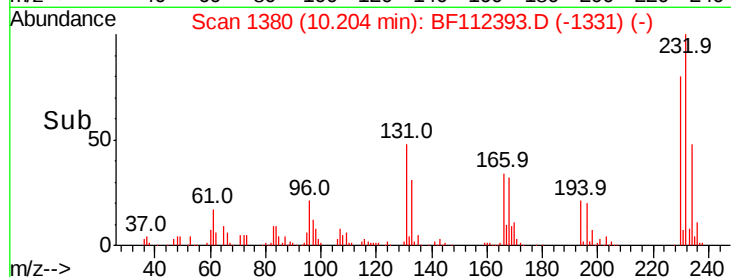


Abundance Ion 232.00 (231.70 to 232.70): E

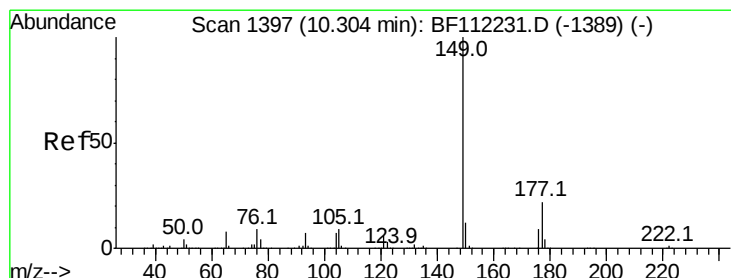
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 37.943 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

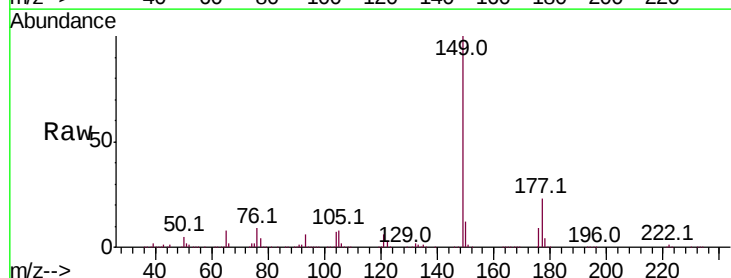
Tgt Ion:149 Resp: 1029799

Ion Ratio Lower Upper

149 100

177 22.6 18.2 27.2

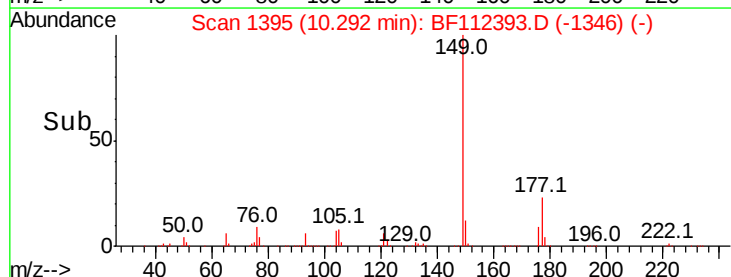
150 12.4 10.4 15.6



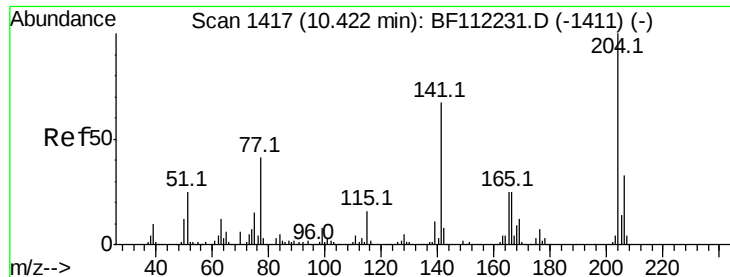
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->



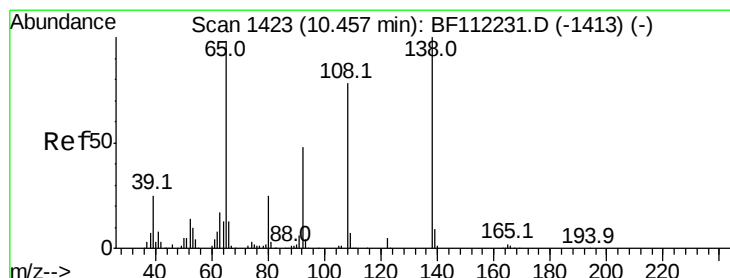
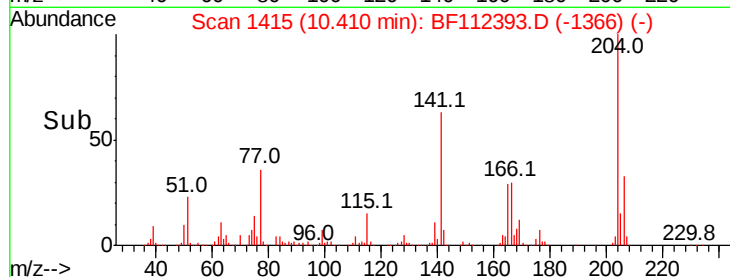
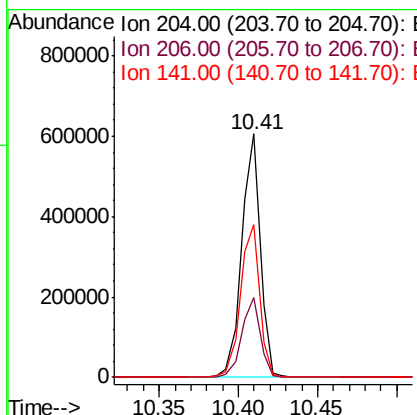
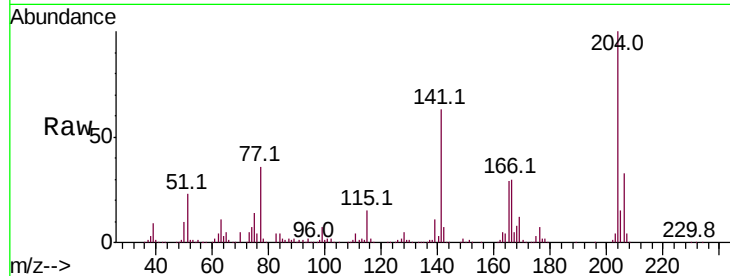
#61
 4-Chlorophenyl-phenylether
 Concen: 37.928 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	492985
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.5	39.7
141	62.7	45.9	68.9

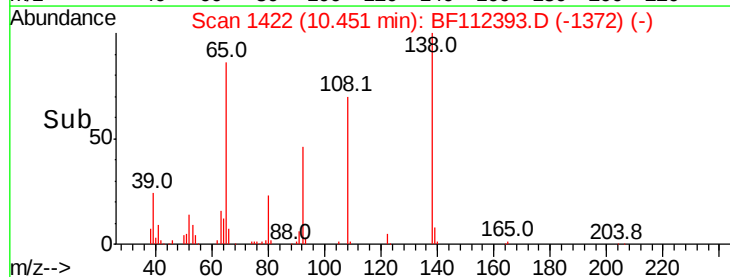
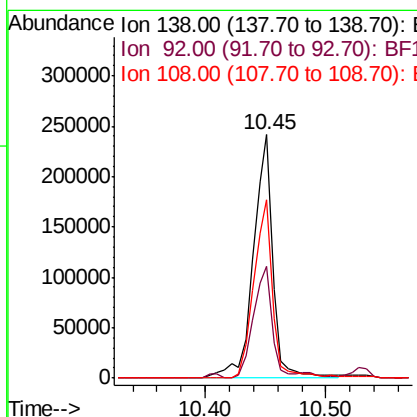
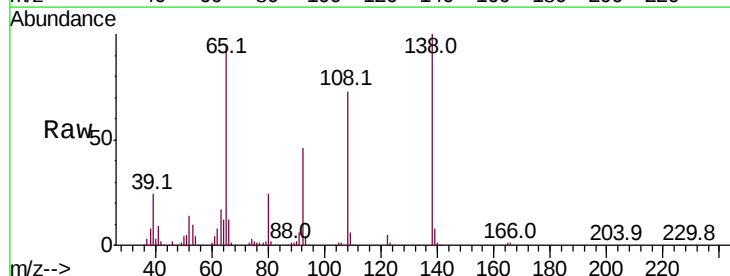
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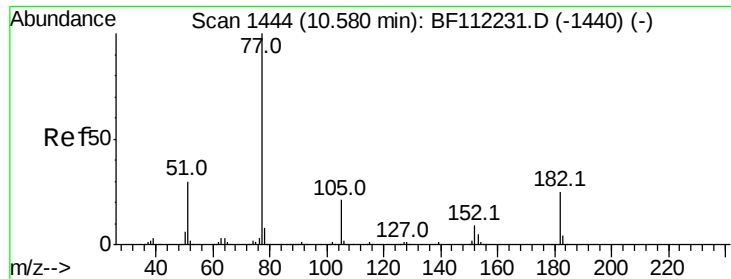
mohammad
 2/6/2019 9:15:36 AM



#62
 4-Nitroaniline
 Concen: 41.983 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:	138	Resp:	273261
Ion Ratio	Lower	Upper	
138	100		
92	45.9	30.6	70.6
108	73.4	50.0	90.0





#63

Azobenzene

Concen: 38.965 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

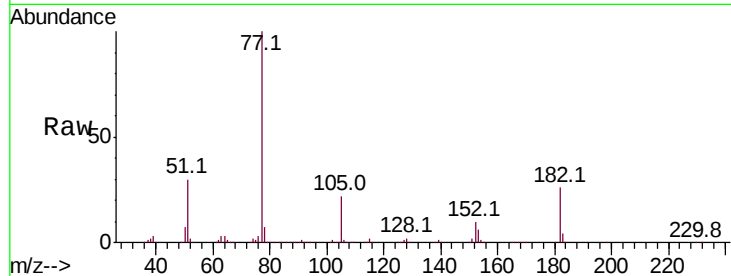
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.7	45.7
105	21.9	1.4	41.4
51	30.1	9.5	49.5

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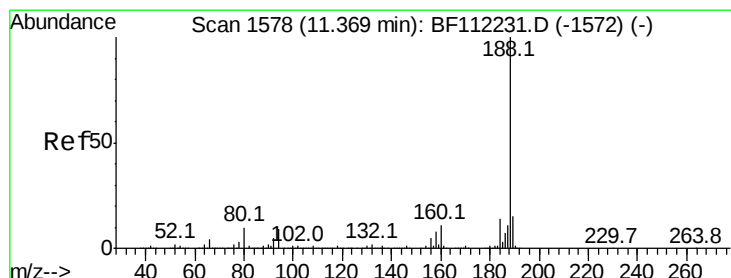
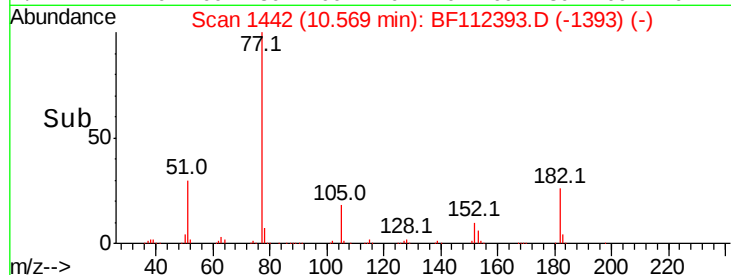
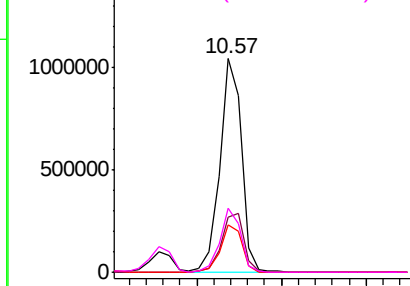


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

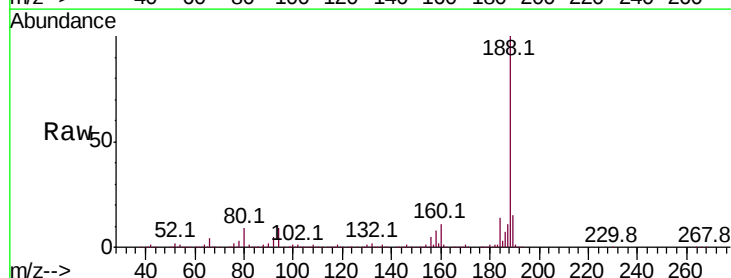
RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

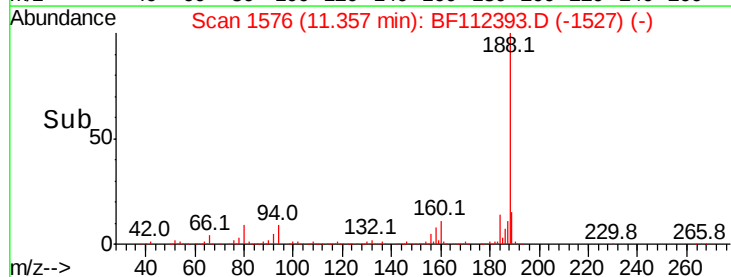
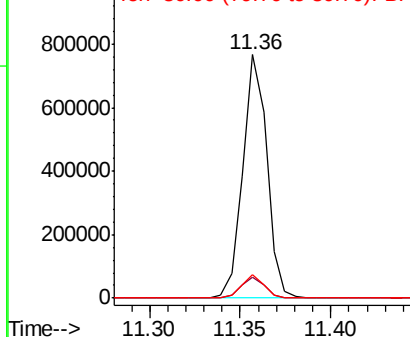
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.5	8.9	13.3

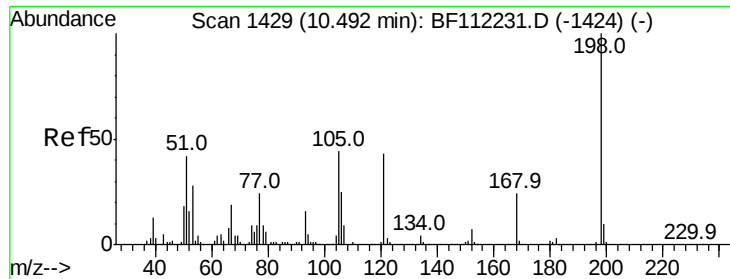


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 37.073 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 147273

Ion Ratio Lower Upper

198 100

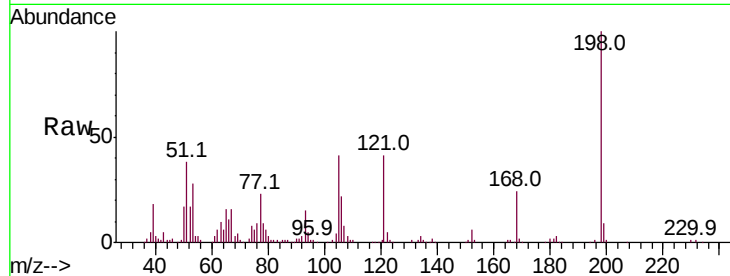
51 38.3 17.2 57.2

105 40.6 21.9 61.9

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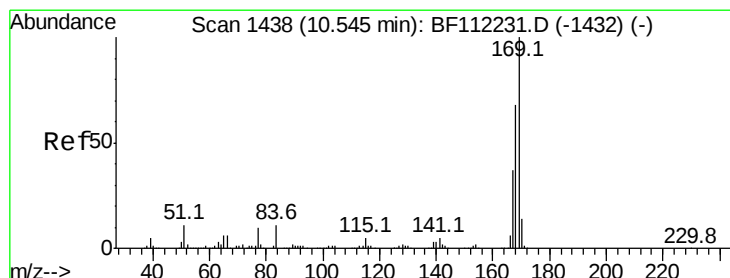
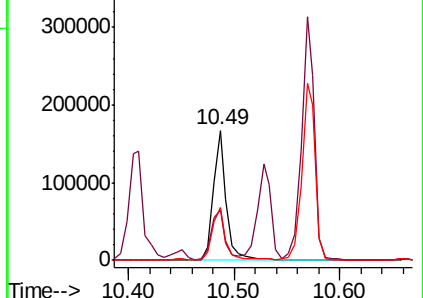
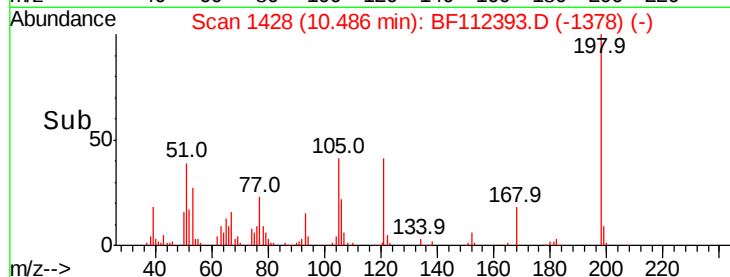
2/6/2019 9:15:36 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.095 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

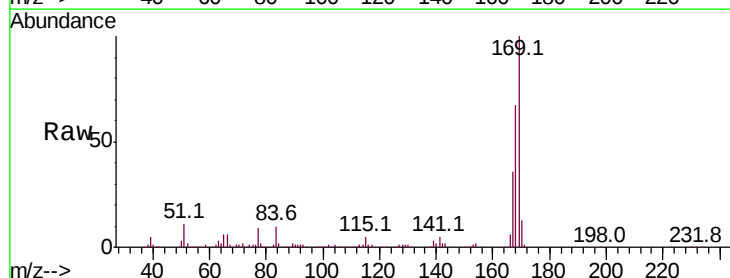
Tgt Ion:169 Resp: 885811

Ion Ratio Lower Upper

169 100

168 67.1 53.9 80.9

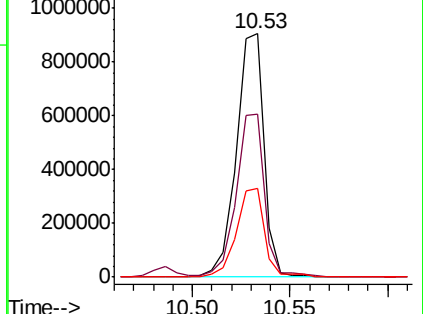
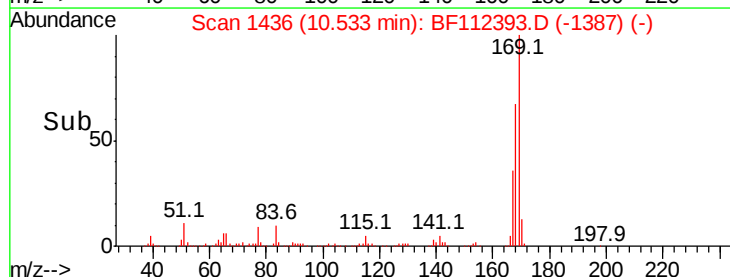
167 36.2 28.9 43.3

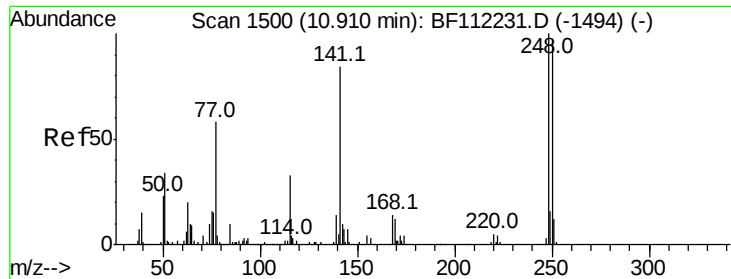


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.114 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF112393.D

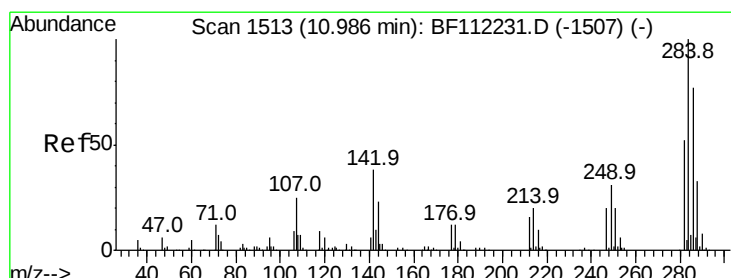
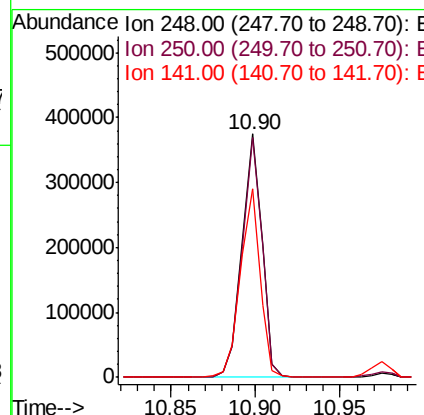
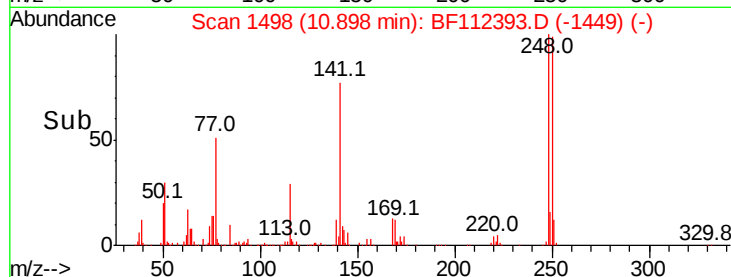
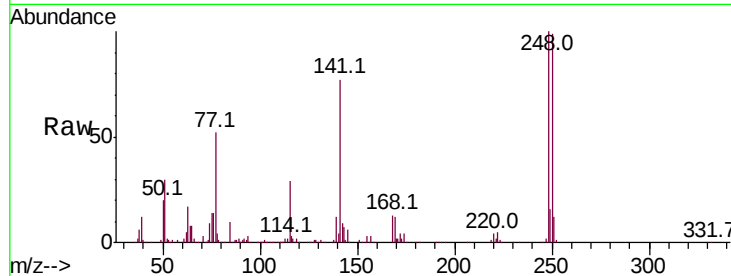
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.7	119.5
141	77.4	60.3	90.5

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#68

Hexachlorobenzene

Concen: 37.758 ng

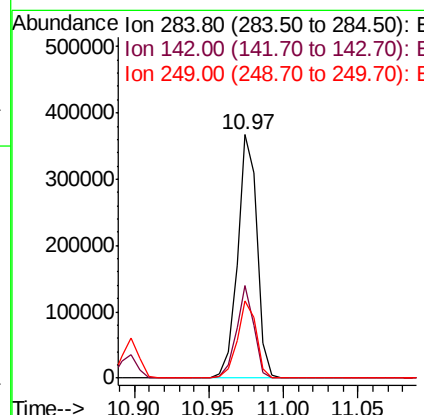
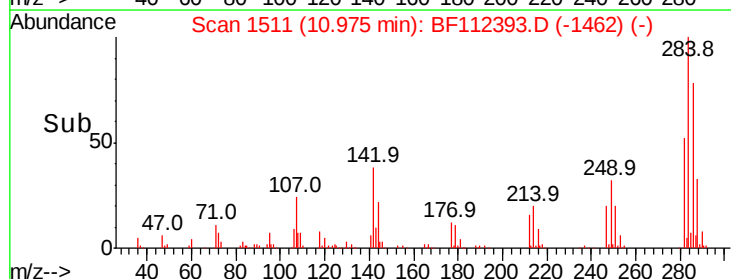
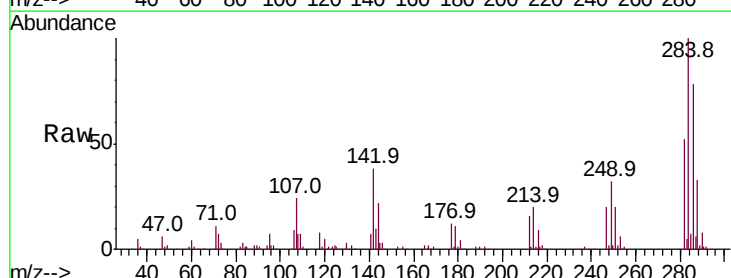
RT: 10.97 min Scan# 1511

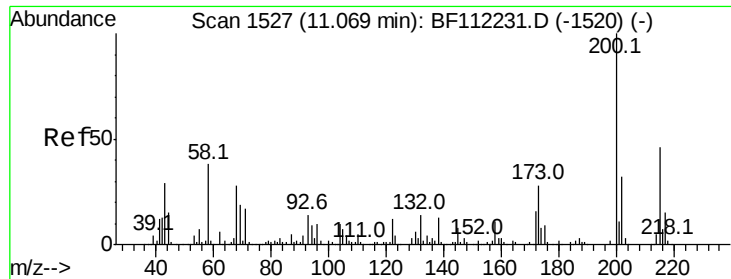
Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	27.6	41.4
249	31.5	24.1	36.1





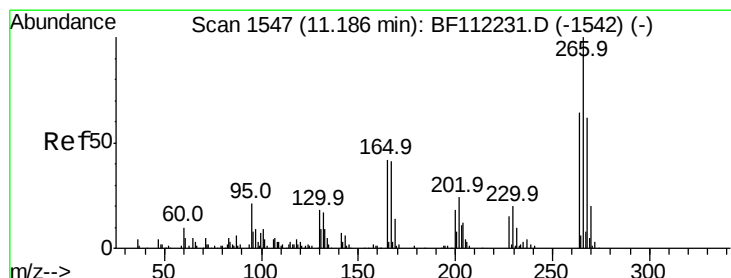
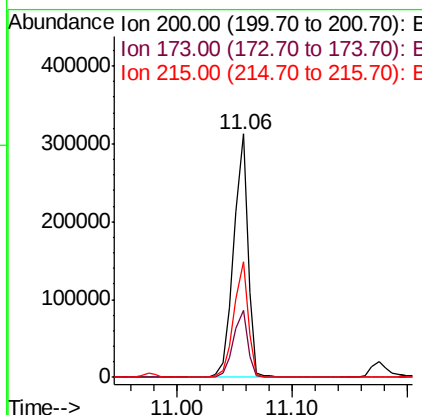
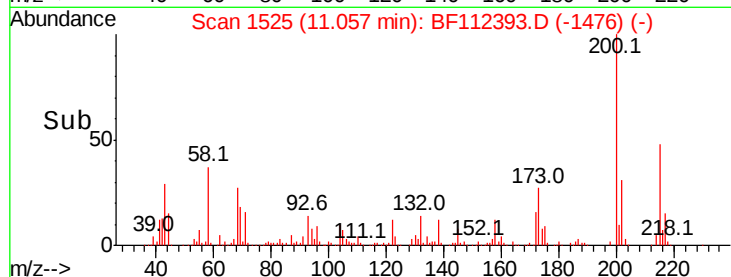
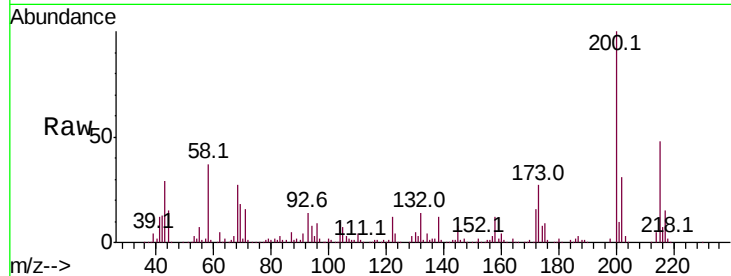
#69
Atrazine
Concen: 34.833 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.1	47.1
215	47.6	30.4	70.4

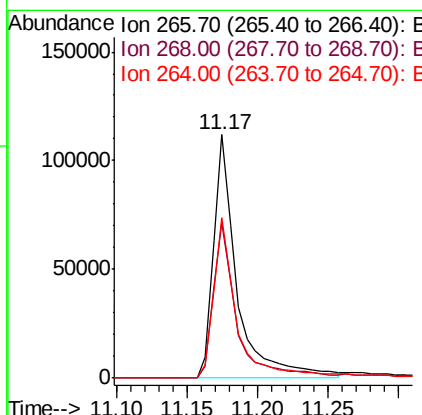
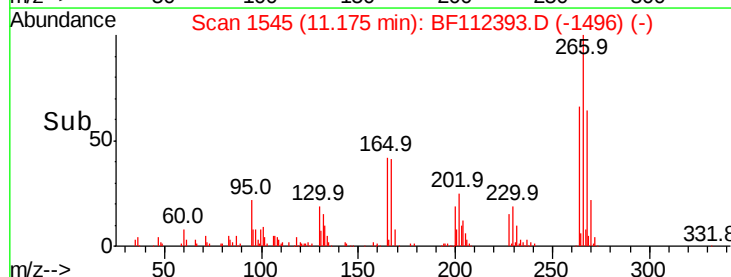
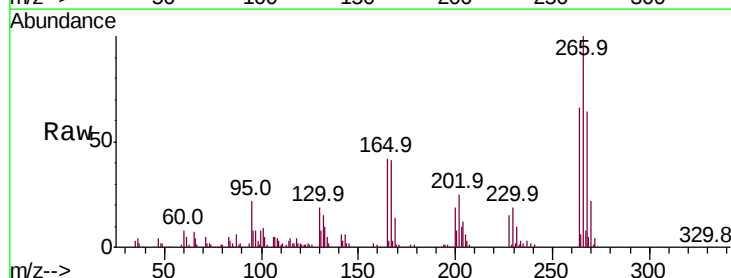
Manual Integrations
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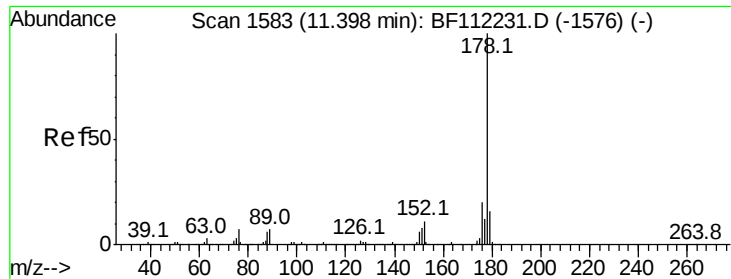
mohammad
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#70
Pentachlorophenol
Concen: 37.349 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.2	76.8
264	65.9	50.9	76.3





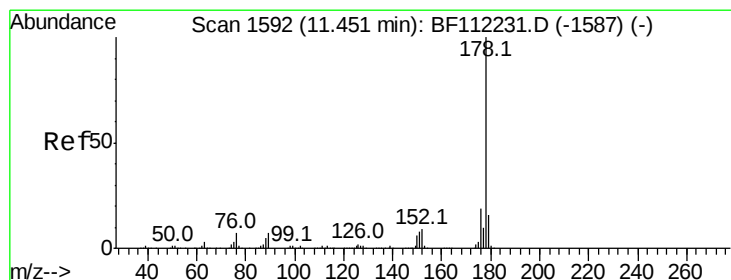
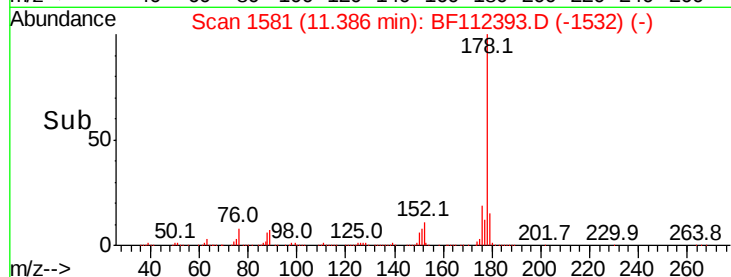
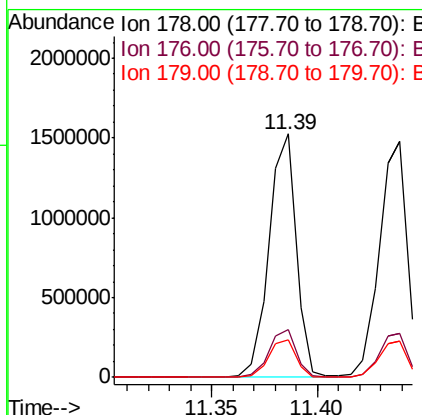
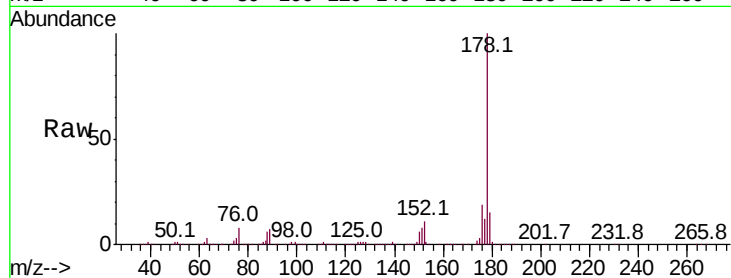
#71
Phenanthrene
Concen: 37.387 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.3	24.5
179	15.3	13.0	19.4

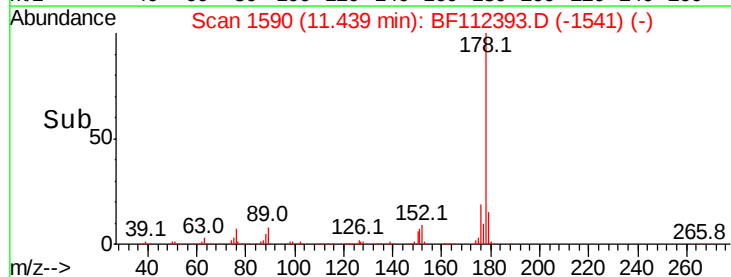
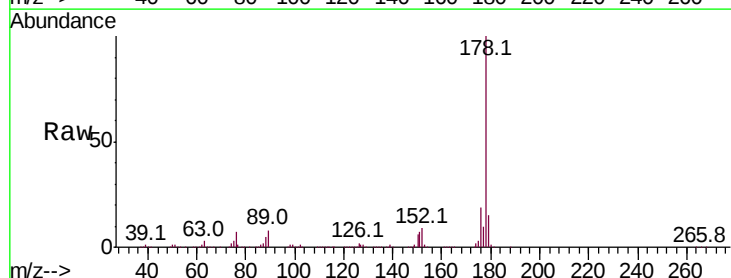
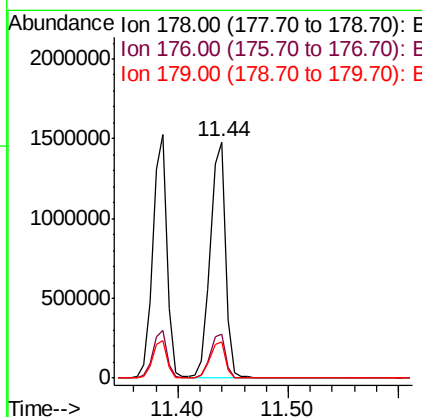
Manual Integrations
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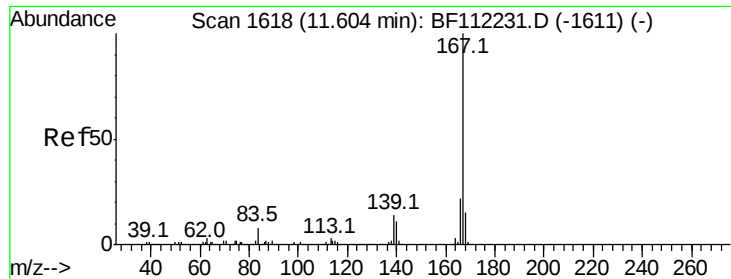
mohammad
2/6/2019 9:15:36 AM



#72
Anthracene
Concen: 37.922 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.5	12.8	19.2





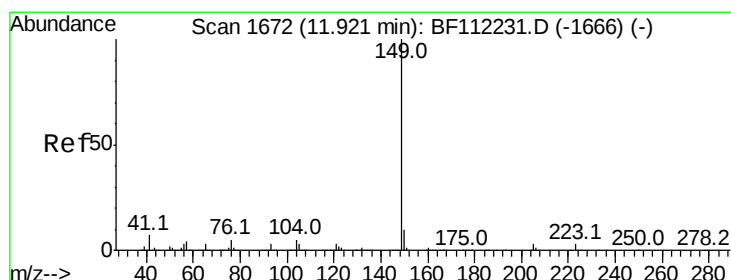
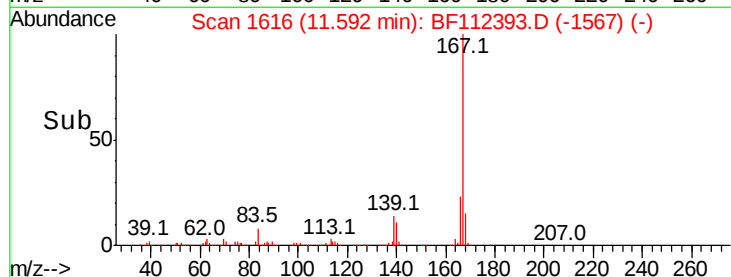
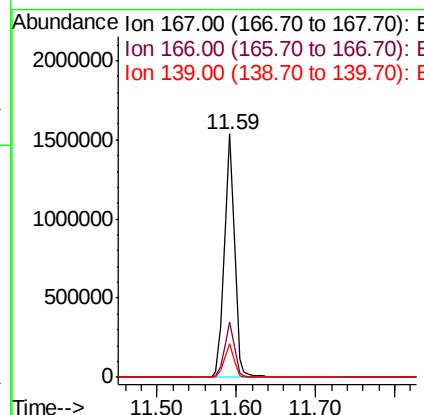
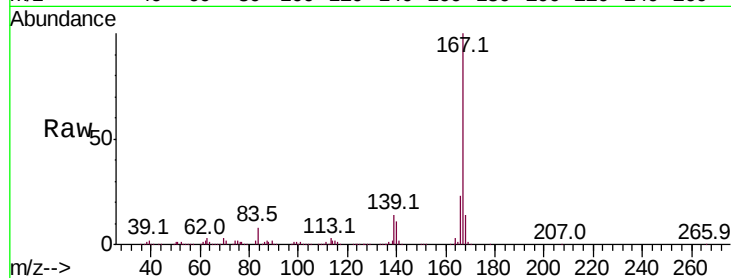
#73
 Carbazole
 Concen: 38.761 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.9	26.9
139	13.9	10.2	15.2

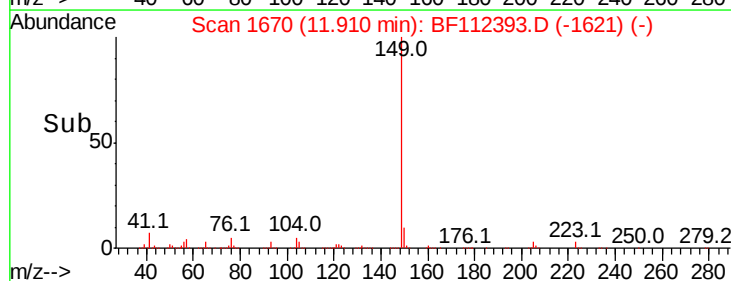
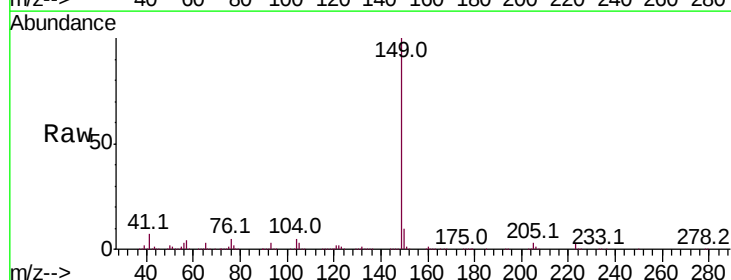
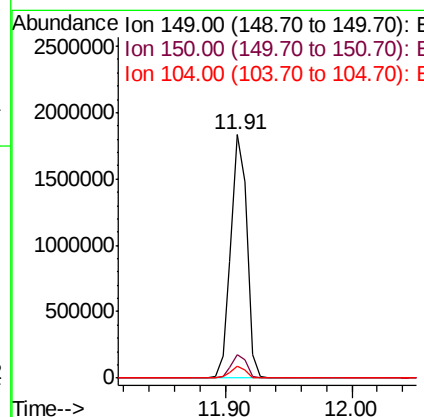
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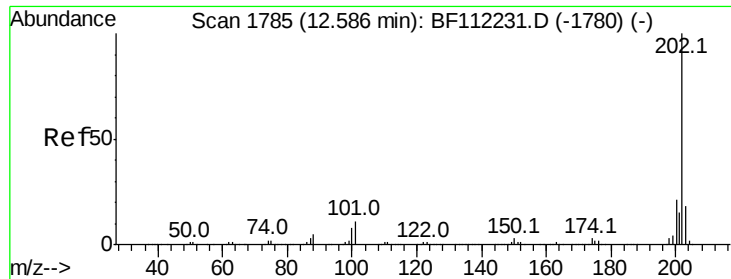
mohammad
 2/6/2019 9:15:36 AM



#74
 Di-n-butylphthalate
 Concen: 35.883 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	5.2	3.9	5.9





#75

Fluoranthene

Concen: 36.554 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

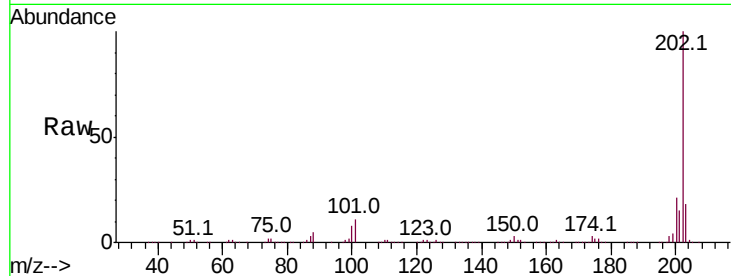
ClientSampleId :

SSTDCCC040

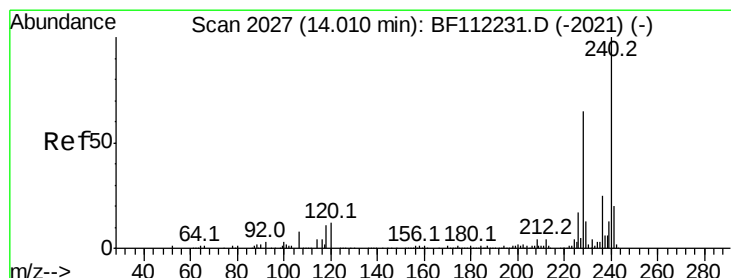
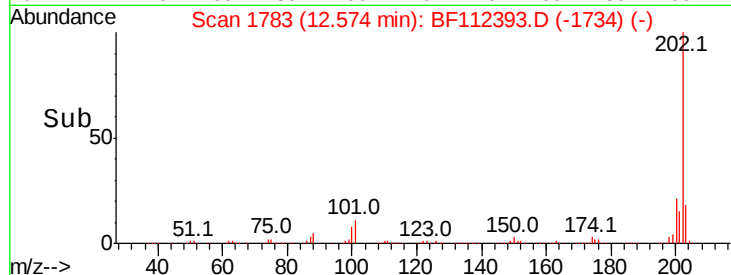
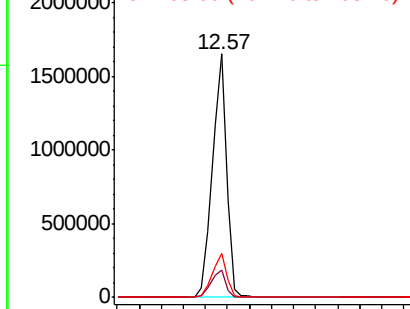
Tot Ion:	202	Resp:	1444166
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.8
203	17.8	0.0	38.4

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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: 14.00 min Scan# 2026

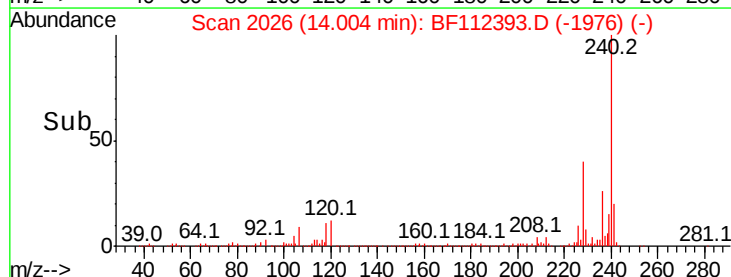
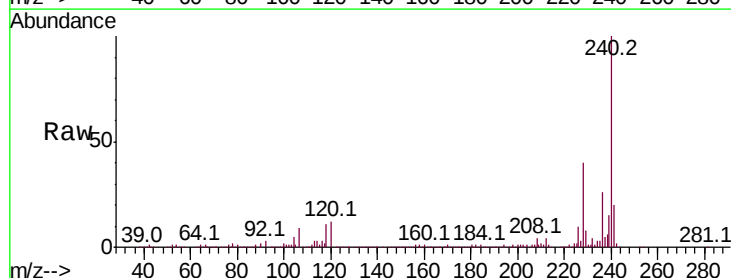
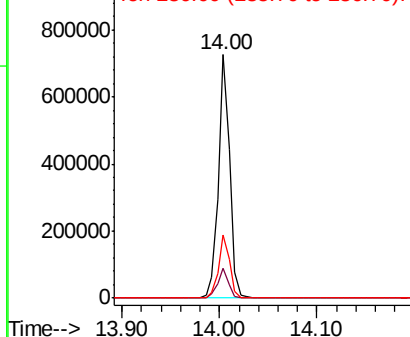
Delta R.T. -0.01 min

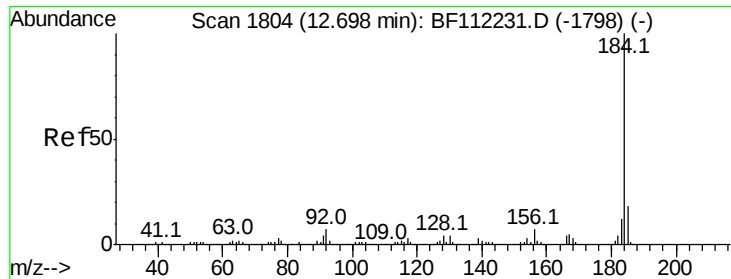
Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion:	240	Resp:	577210
Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.0	13.6
236	26.2	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: 37.033 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

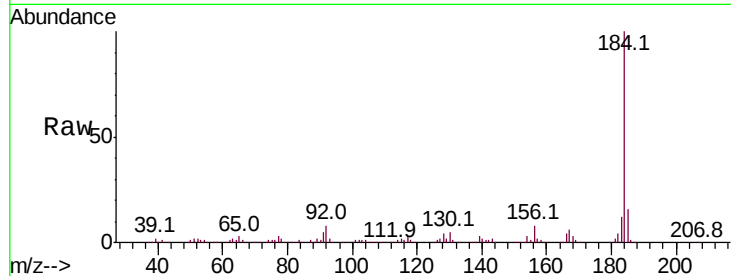
ClientSampleId :

SSTDCCC040

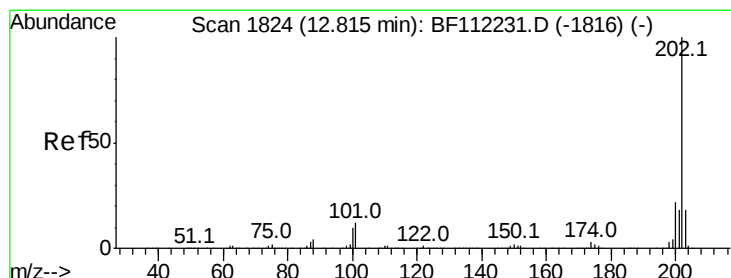
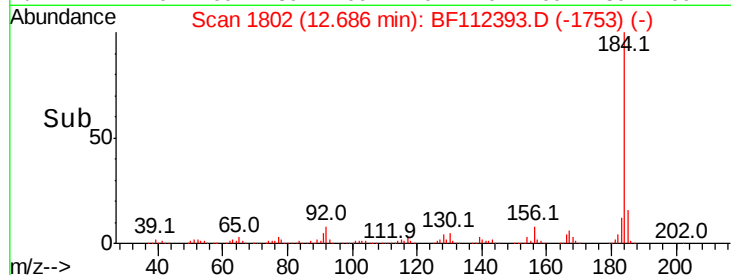
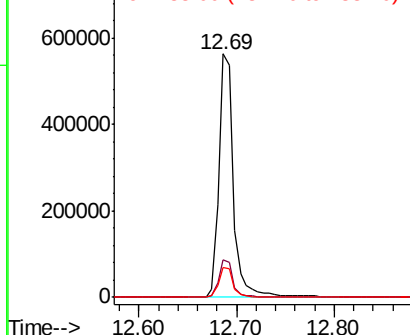
Tot Ion:	184	Resp:	588335
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.9	20.9
183	12.4	10.0	15.0

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



#78

Pyrene

Concen: 37.016 ng

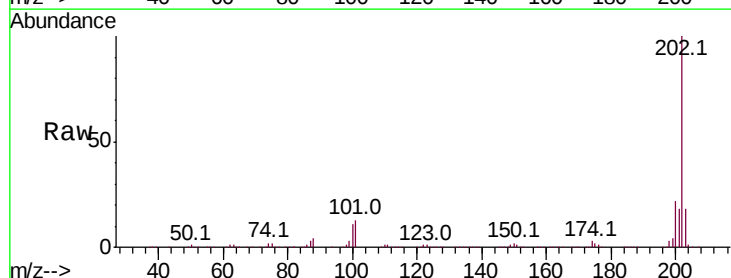
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

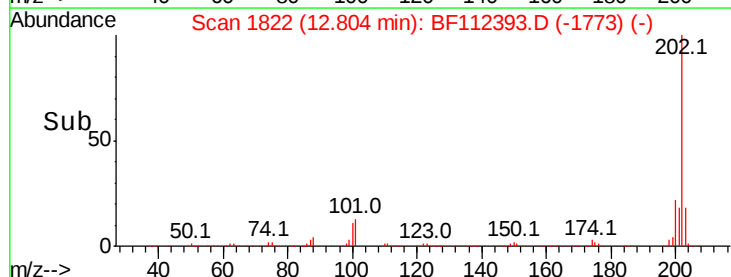
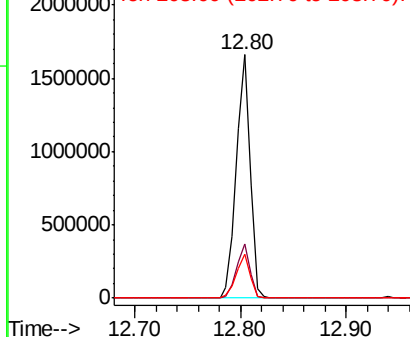
Lab File: BF112393.D

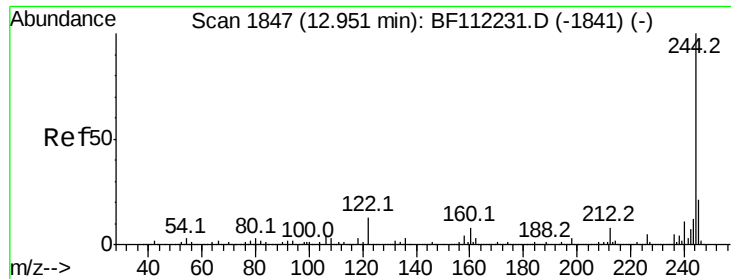
Acq: 5 Feb 2019 13:42

Tgt Ion:	202	Resp:	1479242
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.7	26.5
203	18.3	14.6	22.0



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





#79
 Terphenyl-d14
 Concen: 70.414 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

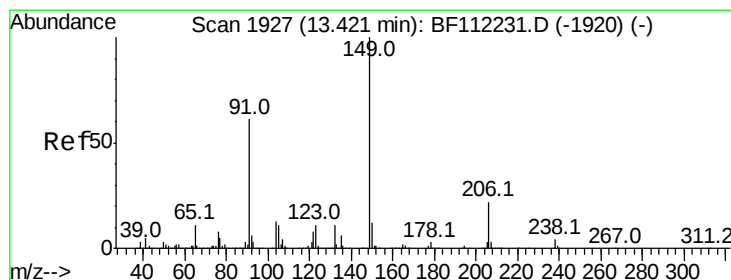
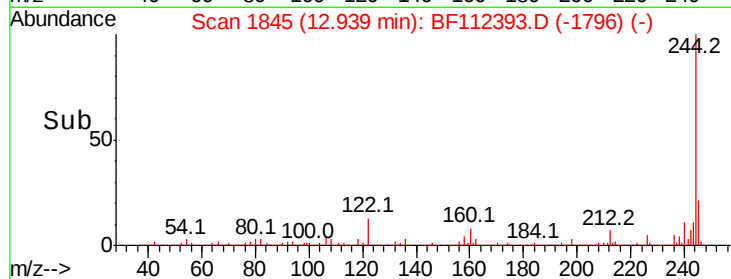
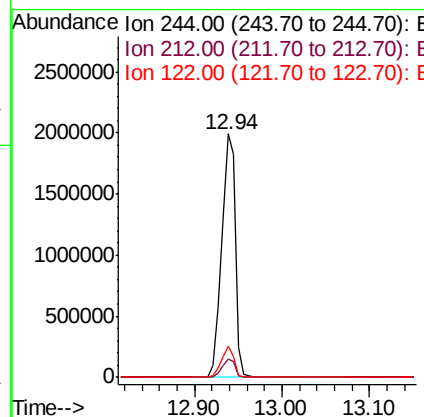
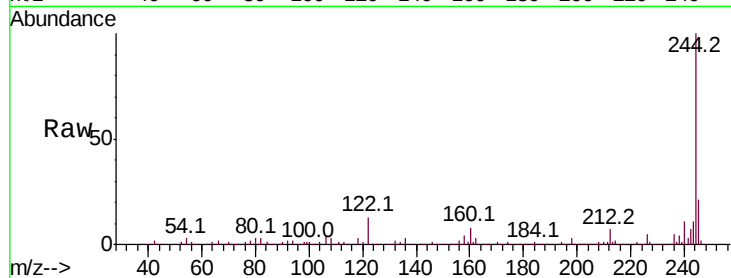
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 2157935

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.6	9.8	14.6

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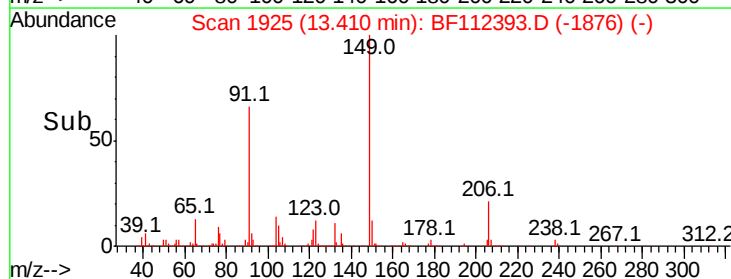
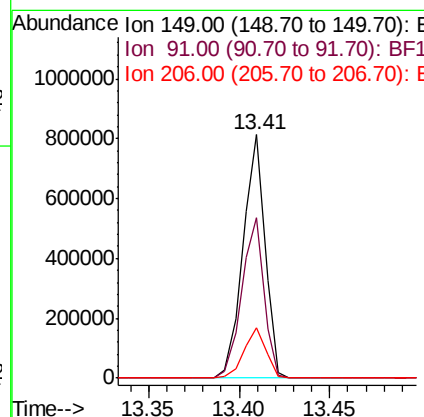
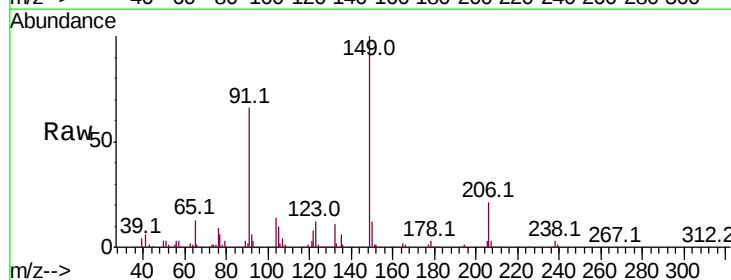
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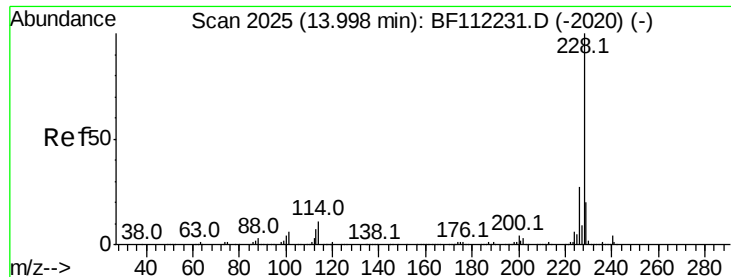


#80
 Butylbenzylphthalate
 Concen: 35.558 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112393.D
 Acq: 5 Feb 2019 13:42

Tgt Ion:149 Resp: 687511

Ion	Ratio	Lower	Upper
149	100		
91	66.0	50.3	75.5
206	20.6	18.2	27.4





#81

Benzo(a)anthracene

Concen: 37.876 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

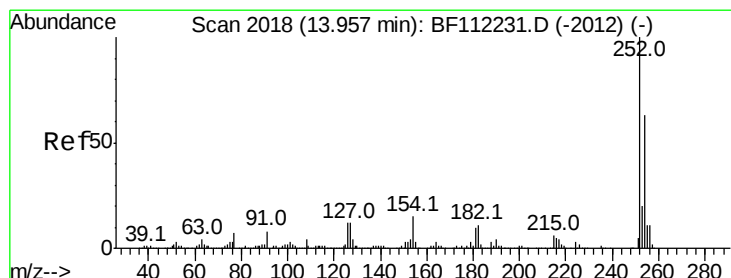
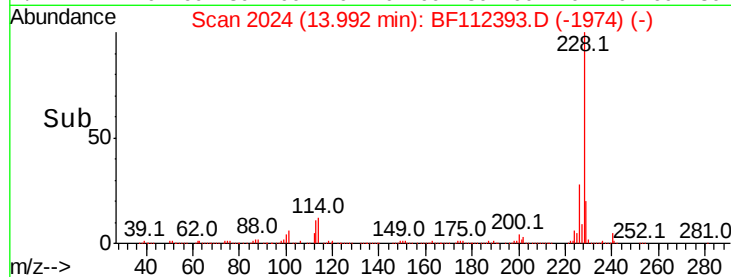
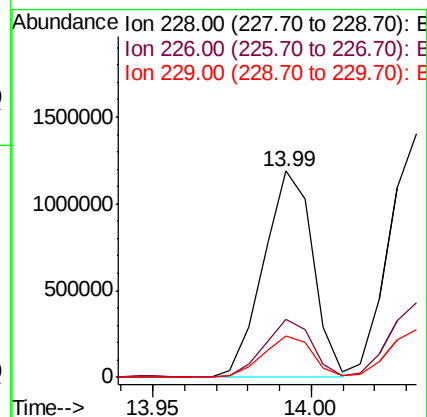
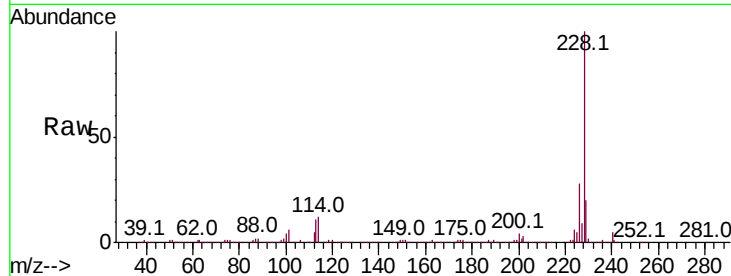
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1285192
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.1	16.5	24.7

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#82

3,3'-Dichlorobenzidine

Concen: 39.043 ng

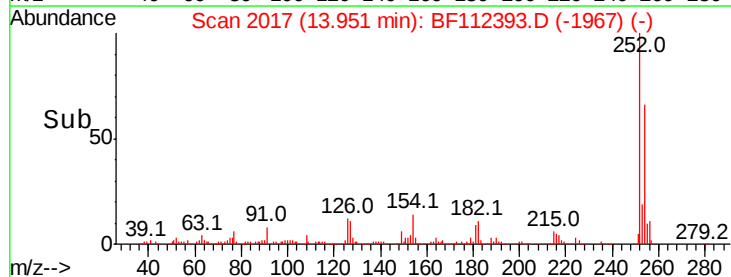
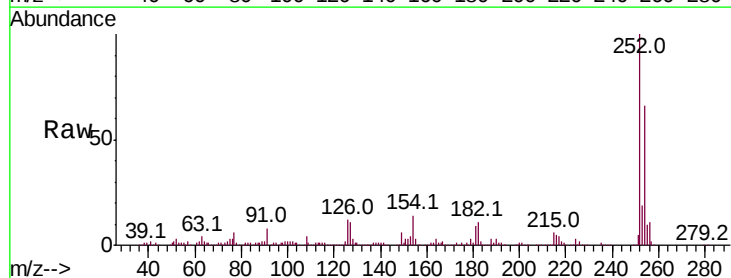
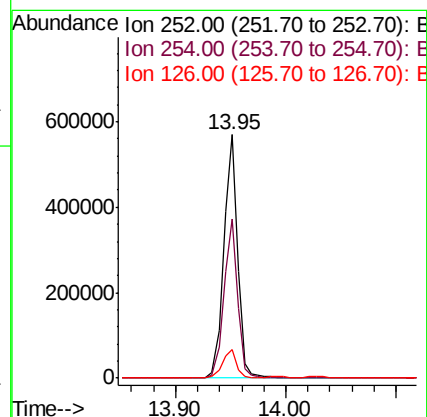
RT: 13.95 min Scan# 2017

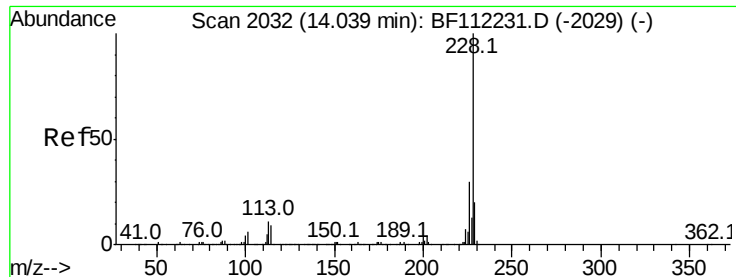
Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion:	252	Resp:	495793
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.6	77.4
126	11.5	8.6	12.8





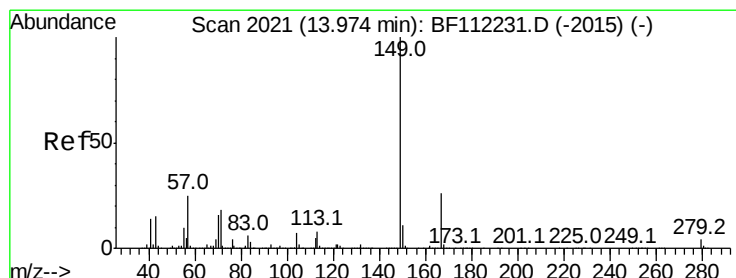
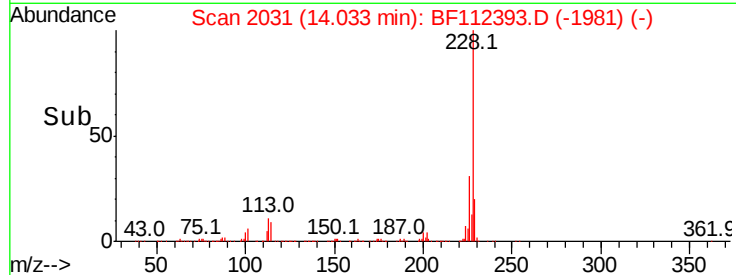
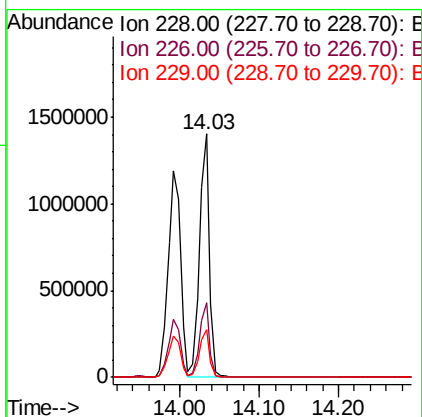
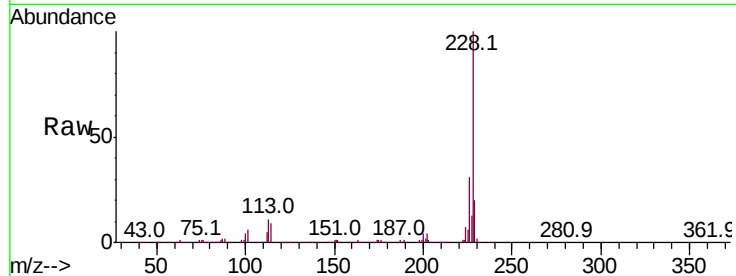
#83
Chrysene
Concen: 38.431 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1244763
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 19.7 16.6 24.8

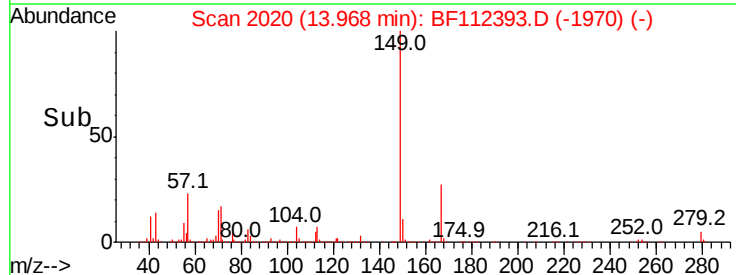
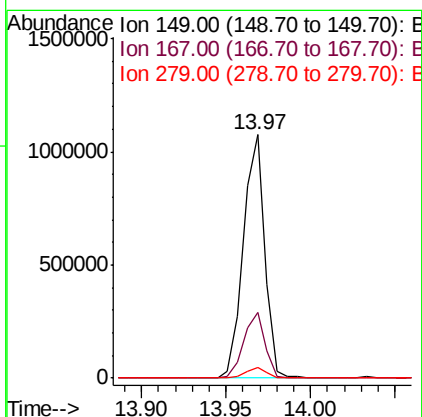
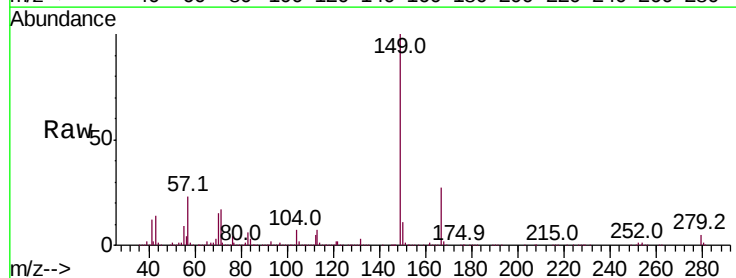
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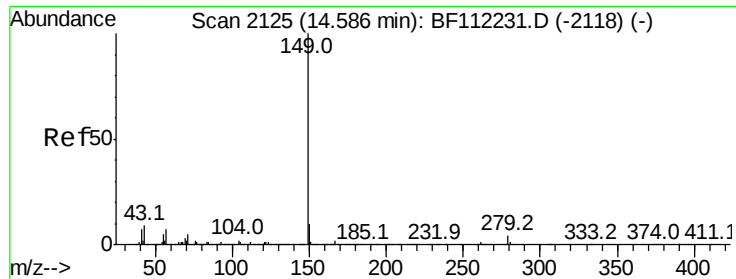
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#84
Bis(2-ethylhexyl)phthalate
Concen: 34.695 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion:149 Resp: 952222
Ion Ratio Lower Upper
149 100
167 27.1 22.5 33.7
279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 35.411 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1495245

Ion Ratio Lower Upper

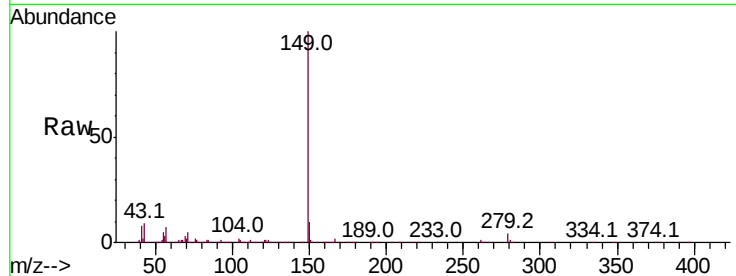
149 100

167 1.6 1.3 1.9

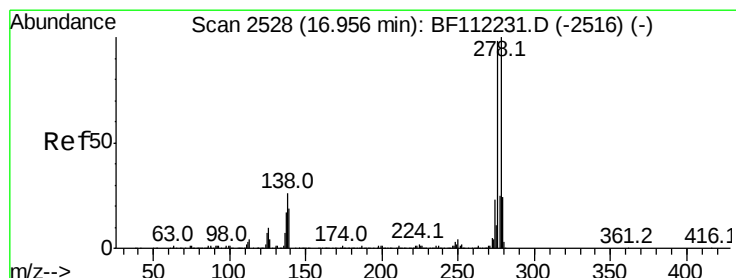
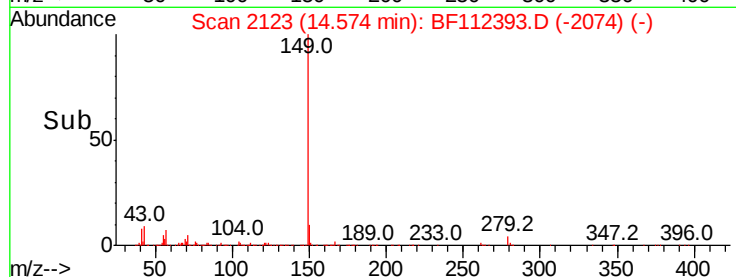
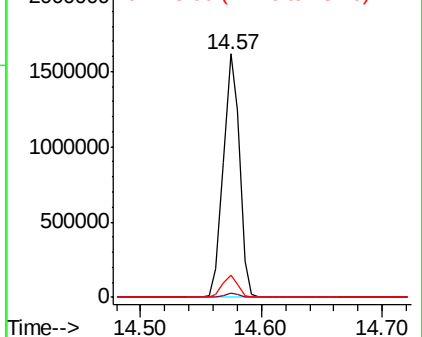
43 8.9 7.8 11.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.188 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

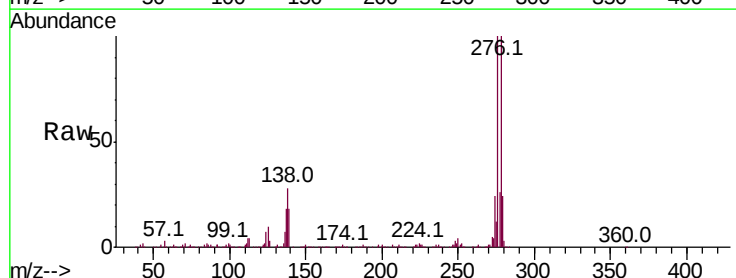
Tgt Ion:276 Resp: 954419

Ion Ratio Lower Upper

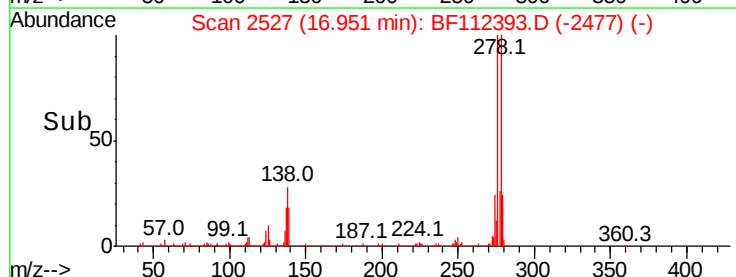
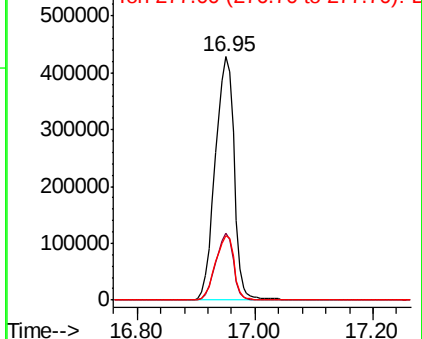
276 100

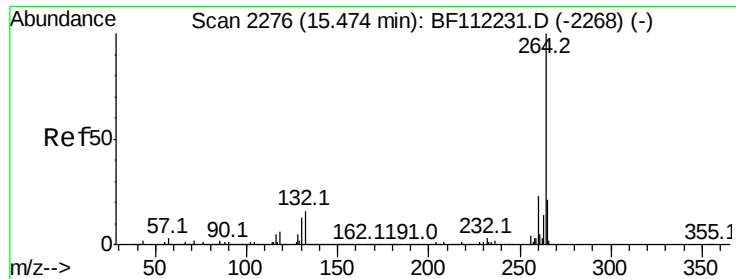
138 25.9 22.6 34.0

277 26.0 20.3 30.5



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

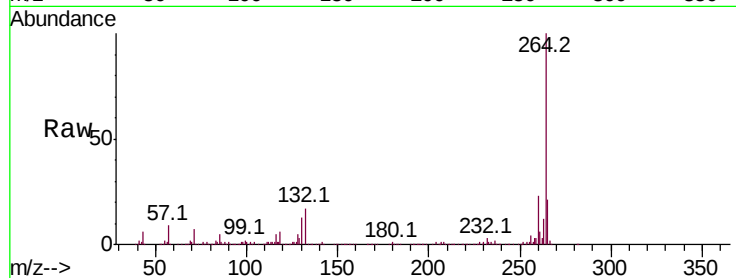
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	493326
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.2	27.2
265	21.2	17.0	25.4

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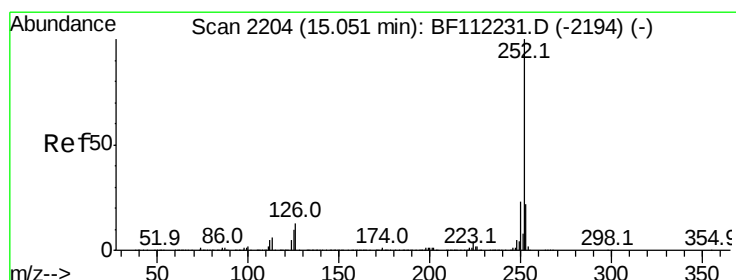
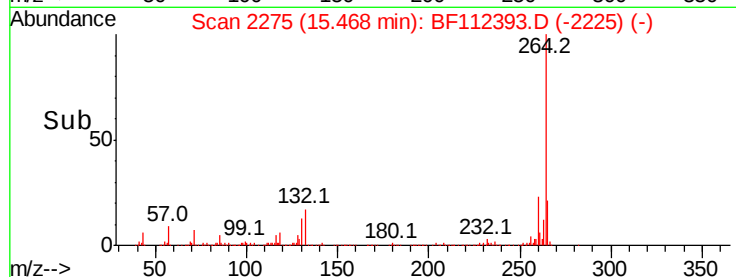
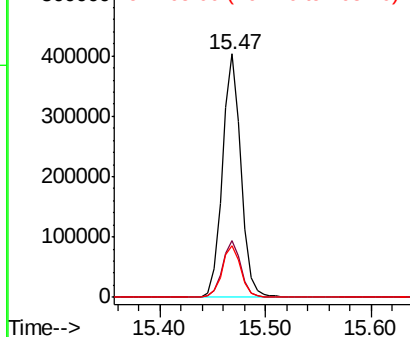


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 38.484 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

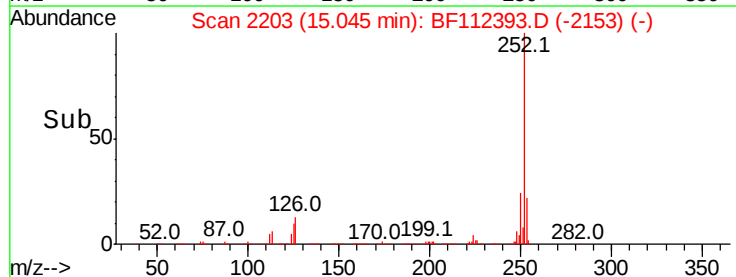
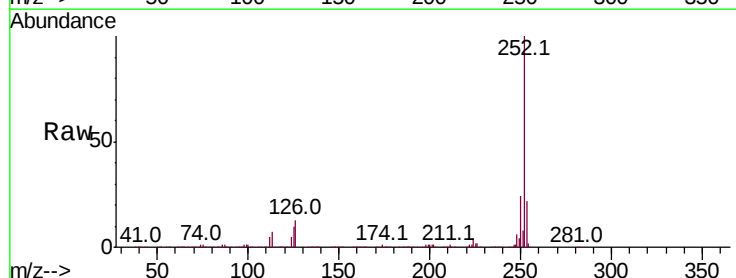
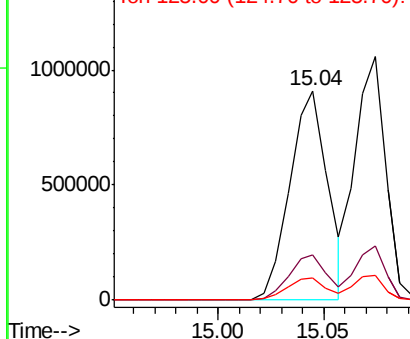
Tgt Ion:	252	Resp:	1135394
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	10.4	8.7	13.1

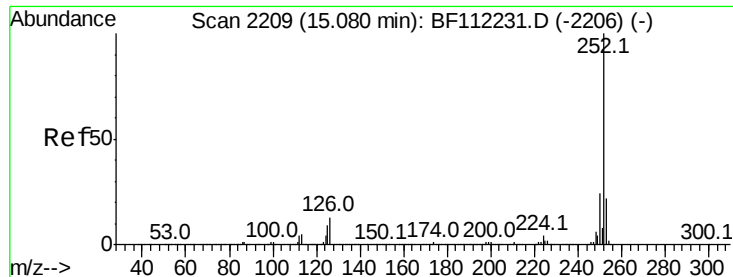
Abundance

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





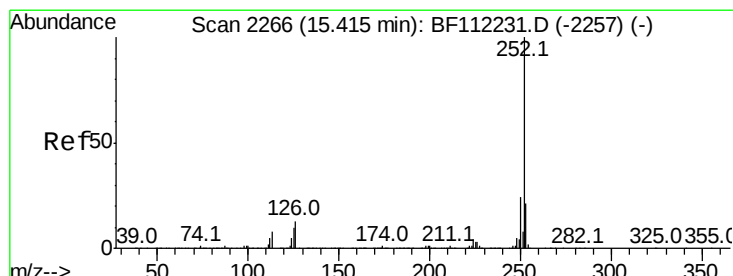
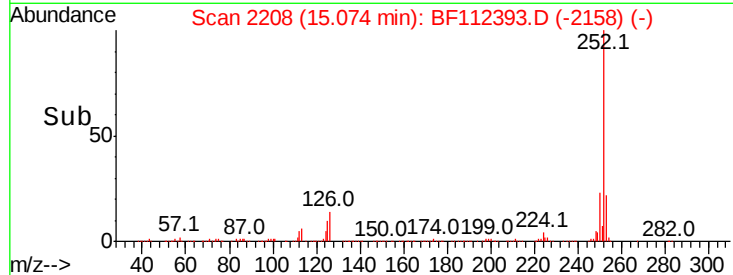
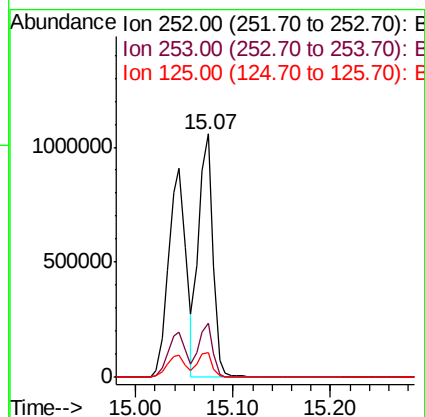
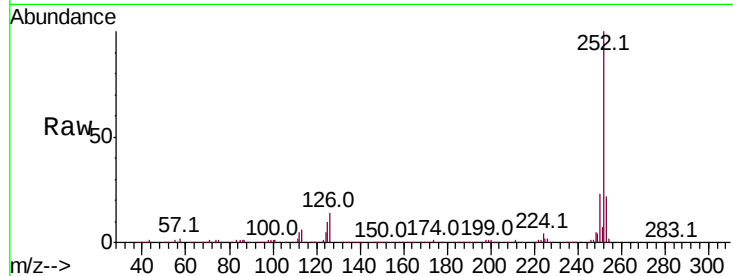
#89
Benzo(k)fluoranthene
Concen: 38.208 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.0	9.1	13.7

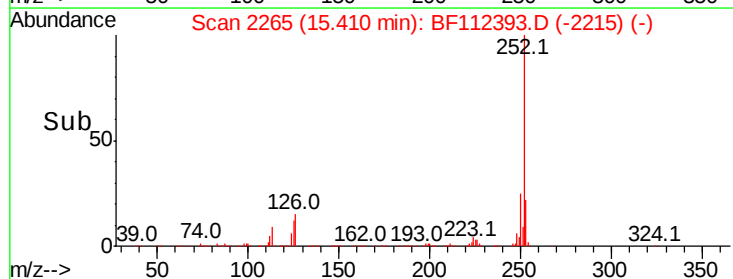
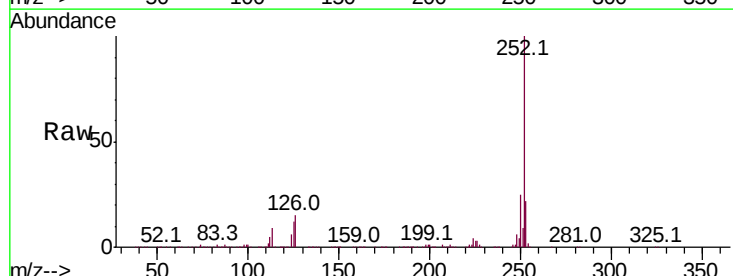
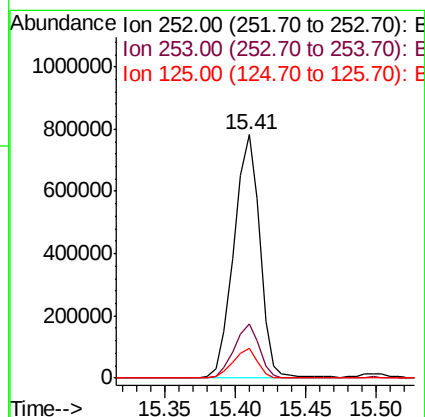
Manual Integrations
APPROVED

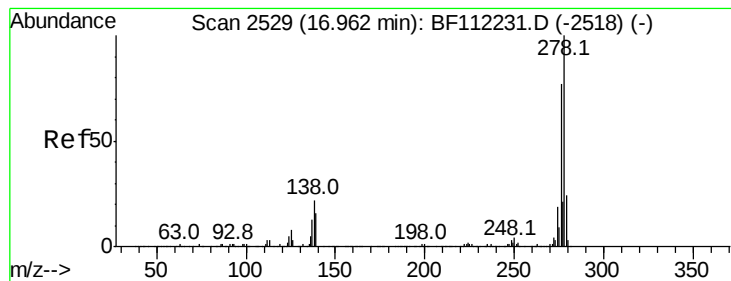
mohammad
2/6/2019 9:15:36 AM



#90
Benzo(a)pyrene
Concen: 37.875 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112393.D
Acq: 5 Feb 2019 13:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.1	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 37.586 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Instrument :

BNA_F

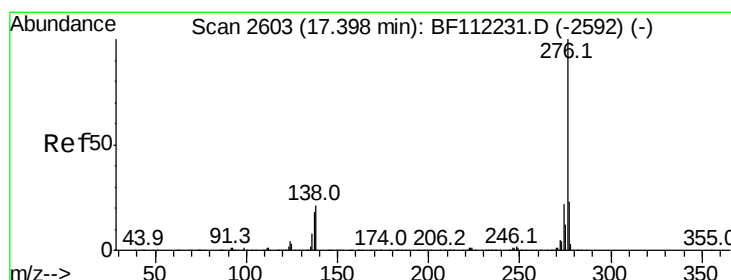
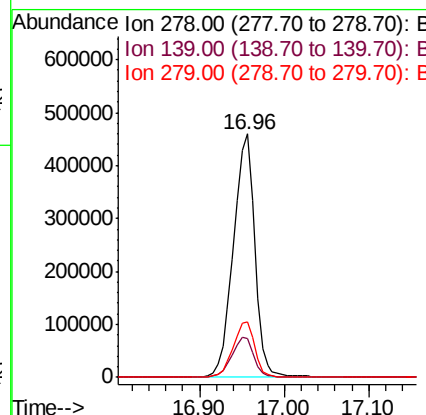
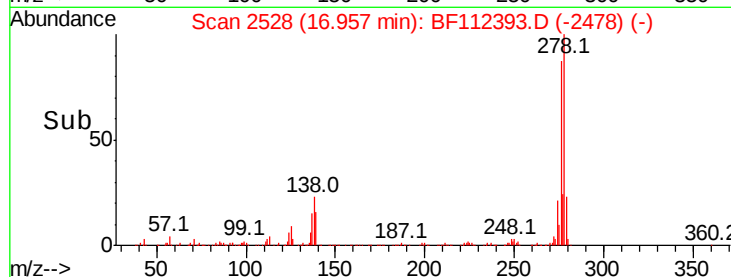
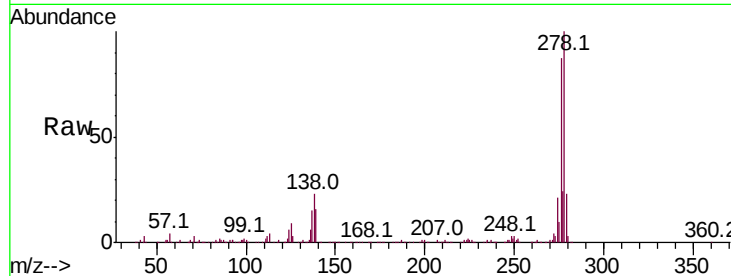
ClientSampleId :

SSTDCCC040

Tot Ion:	278	Resp:	804161
Ion Ratio	Lower	Upper	
278	100		
139	16.1	13.7	20.5
279	22.6	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/6/2019 9:15:36 AM



#92

Benzo(g,h,i)perylene

Concen: 38.271 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BF112393.D

Acq: 5 Feb 2019 13:42

Tgt Ion:	276	Resp:	772518
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.4	29.0
138	22.5	19.1	28.7

