

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112376.D
 Acq On : 4 Feb 2019 13:24
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/5/2019 8:42:41 AM

Quant Time: Feb 05 05:31:18 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	162287	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	627973	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	322750	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	632039	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	546076	20.00	ng	0.00
87) Perylene-d12	15.47	264	503503	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	739982	96.85	ng	-0.02
7) Phenol-d6	6.48	99	905205	85.26	ng	-0.01
23) Nitrobenzene-d5	7.40	82	863916	79.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	312735	83.25	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1720275	75.38	ng	-0.01
79) Terphenyl-d14	12.94	244	2069083	71.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	156130	51.297	ng	96
3) Pyridine	3.34	79	389334	50.287	ng	97
4) n-Nitrosodimethylamine	3.29	42	163114	50.146	ng	92
6) Aniline	6.50	93	544357	43.103	ng	# 73
8) 2-Chlorophenol	6.63	128	425637	41.411	ng	98
9) Benzaldehyde	6.39	77	221627	39.939	ng	98
10) Phenol	6.50	94	498800	42.824	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	373306	40.709	ng	97
12) 1,3-Dichlorobenzene	6.77	146	475401	39.716	ng	99
13) 1,4-Dichlorobenzene	6.85	146	488753	39.674	ng	99
14) 1,2-Dichlorobenzene	7.00	146	455729	39.511	ng	96
15) Benzyl Alcohol	6.98	79	349095	39.007	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	470941	39.998	ng	77
17) 2-Methylphenol	7.10	107	321225	39.425	ng	93
18) Hexachloroethane	7.35	117	170480	39.408	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	290013	39.616	ng	96
20) 3+4-Methylphenols	7.25	107	424642	40.756	ng	# 86
22) Acetophenone	7.25	105	599090	39.179	ng	# 98
24) Nitrobenzene	7.42	77	432425	39.728	ng	94
25) Isophorone	7.66	82	681364	39.852	ng	99
26) 2-Nitrophenol	7.73	139	236859	40.720	ng	92
27) 2,4-Dimethylphenol	7.77	122	323324	40.344	ng	95
28) bis(2-Chloroethoxy)methane	7.86	93	457627	39.309	ng	99
29) 2,4-Dichlorophenol	7.99	162	367515	40.978	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	409337	39.707	ng	99
31) Naphthalene	8.14	128	1163971	39.636	ng	98
32) Benzoic acid	7.92	122	179810	39.333	ng	99
33) 4-Chloroaniline	8.19	127	512974	40.117	ng	97
34) Hexachlorobutadiene	8.26	225	233413	38.584	ng	99
35) Caprolactam	8.57	113	130869m	41.364	ng	
36) 4-Chloro-3-methylphenol	8.69	107	377798	39.792	ng	99
37) 2-Methylnaphthalene	8.83	142	790716	39.332	ng	97
38) 1-Methylnaphthalene	8.93	142	756100	39.239	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	411128	38.797	ng	99

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 ClientSampleID :
 SSTDC040

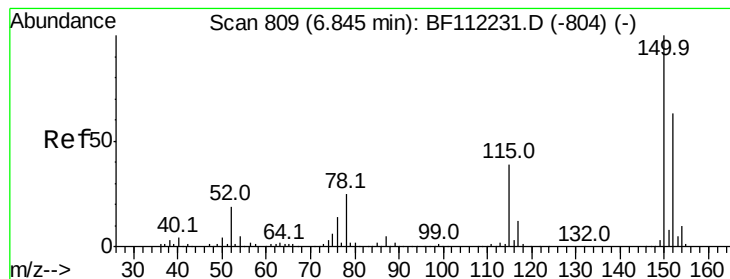
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	130670	38.175	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	259005	39.651	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	268515	39.332	nq	96
46) 1,1'-Biphenyl	9.29	154	1088685	38.584	nq	99
47) 2-Chloronaphthalene	9.32	162	840570	38.416	nq	97
48) 2-Nitroaniline	9.42	65	240862	40.388	nq	95
49) Acenaphthylene	9.73	152	1250793	39.001	nq	98
50) Dimethylphthalate	9.59	163	982355	39.175	nq	99
51) 2,6-Dinitrotoluene	9.66	165	222553	39.628	nq	99
52) Acenaphthene	9.91	154	745870	38.933	nq	98
53) 3-Nitroaniline	9.83	138	250289	41.137	nq	95
54) 2,4-Dinitrophenol	9.95	184	65847	36.534	nq	94
55) Dibenzofuran	10.08	168	1149477	39.263	nq	97
56) 4-Nitrophenol	10.01	139	127313	39.579	nq	92
57) 2,4-Dinitrotoluene	10.07	165	293916	41.109	nq	# 86
58) Fluorene	10.42	166	873364	39.864	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	229030	44.393	nq	98
60) Diethylphthalate	10.29	149	966011	38.819	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	461127	38.693	nq	94
62) 4-Nitroaniline	10.45	138	257808	43.200	nq	97
63) Azobenzene	10.57	77	861343	39.356	nq	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	134878	38.062	nq	98
66) n-Nitrosodiphenylamine	10.53	169	839270	39.400	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	288050	38.749	nq	96
68) Hexachlorobenzene	10.98	284	315180	39.519	nq	95
69) Atrazine	11.06	200	248356	36.133	nq	99
70) Pentachlorophenol	11.17	266	125418	40.414	nq	99
71) Phenanthrene	11.39	178	1293930	39.378	nq	100
72) Anthracene	11.44	178	1330014	40.634	nq	99
73) Carbazole	11.59	167	1317959	40.820	nq	99
74) Di-n-butylphthalate	11.92	149	1507729	37.622	nq	98
75) Fluoranthene	12.57	202	1386912	39.353	nq	99
77) Benzidine	12.69	184	539316	35.883	nq	97
78) Pyrene	12.80	202	1429485	37.810	nq	99
80) Butylbenzylphthalate	13.41	149	656311	35.880	nq	96
81) Benzo(a)anthracene	13.99	228	1263172	39.350	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	487579	40.585	nq	100
83) Chrysene	14.03	228	1207806	39.416	nq	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	910431	35.064	nq	100
85) Di-n-octyl phthalate	14.58	149	1464184	36.652	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1043124	42.962	nq	97
88) Benzo(b)fluoranthene	15.04	252	1173792	38.981	nq	99
89) Benzo(k)fluoranthene	15.07	252	1135028	39.352	nq	99
90) Benzo(a)pyrene	15.41	252	1069436	39.471	nq	98
91) Dibenzo(a,h)anthracene	16.96	278	874030	40.026	nq	99
92) Benzo(g,h,i)perylene	17.40	276	833443	40.455	nq	96

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



#1

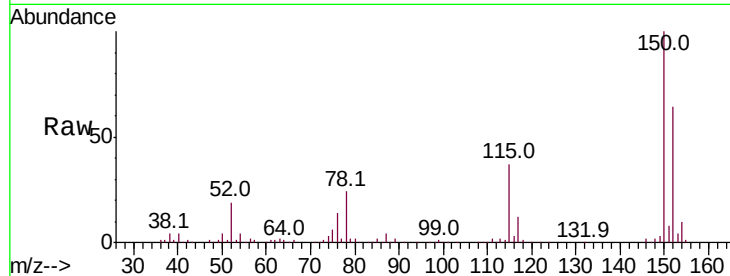
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.4	191.0
115	58.7	45.5	68.3

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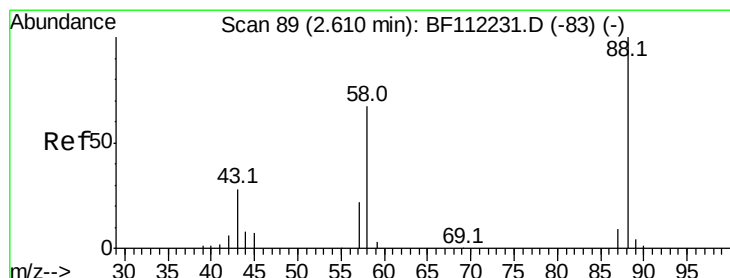
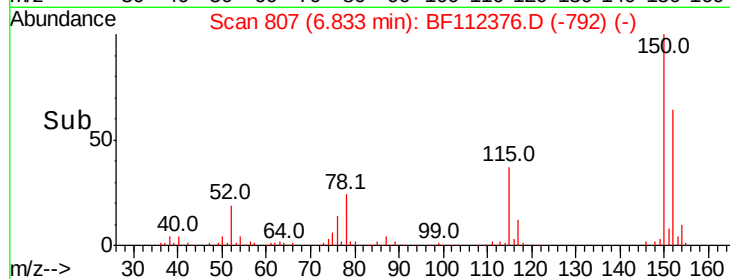
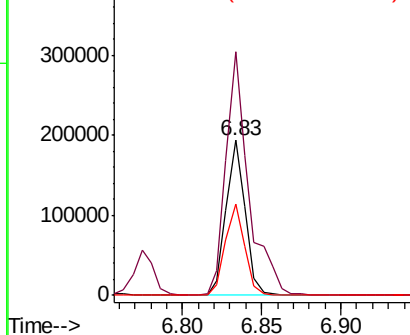


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

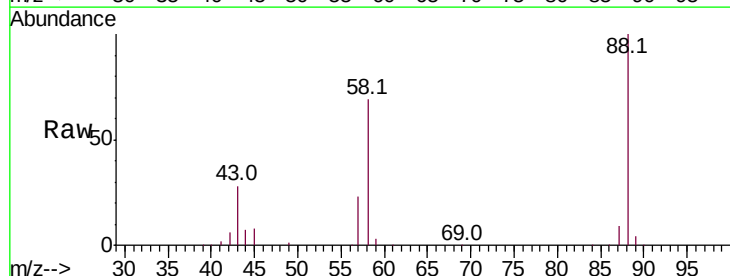
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 51.297 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	57.4	86.2
43	28.3	22.2	33.4

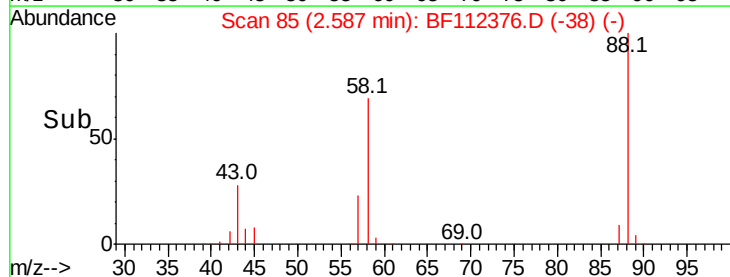
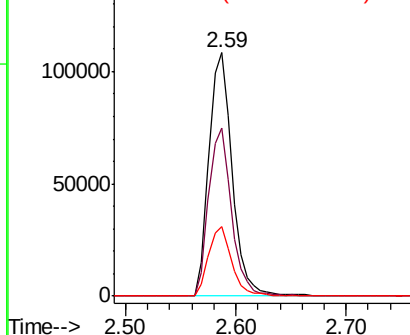


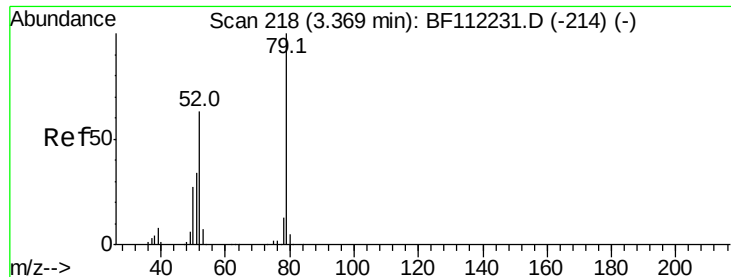
Abundance

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: 50.287 ng

RT: 3.34 min Scan# 213

Delta R.T. -0.03 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

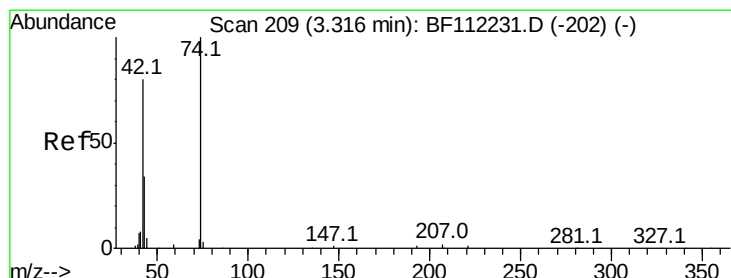
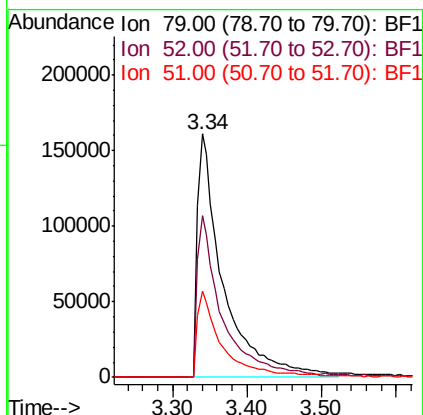
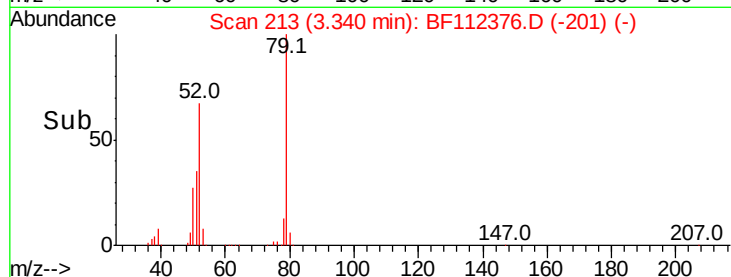
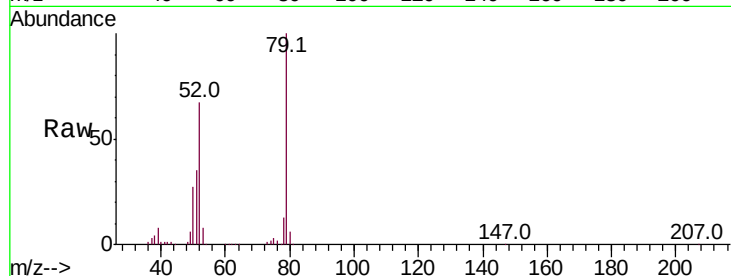
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	389334
Ion	Ratio	Lower	Upper
79	100		
52	66.7	52.4	78.6
51	35.4	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 50.146 ng

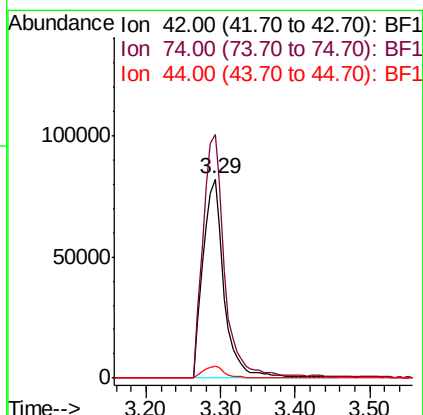
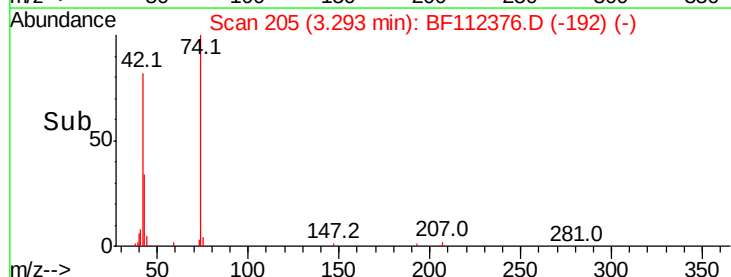
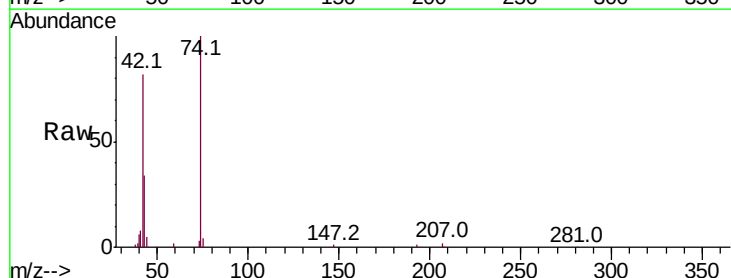
RT: 3.29 min Scan# 205

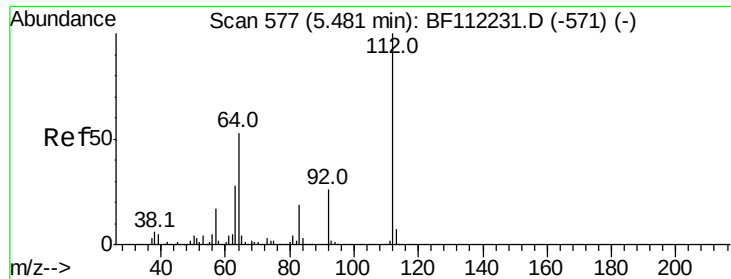
Delta R.T. -0.02 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion:	42	Resp:	163114
Ion	Ratio	Lower	Upper
42	100		
74	122.2	105.6	158.4
44	6.3	5.4	8.2





#5

2-Fluorophenol

Concen: 96.851 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

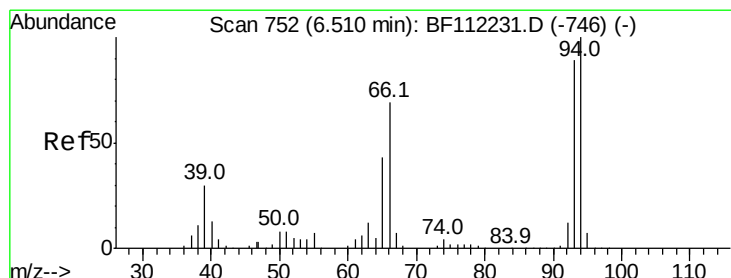
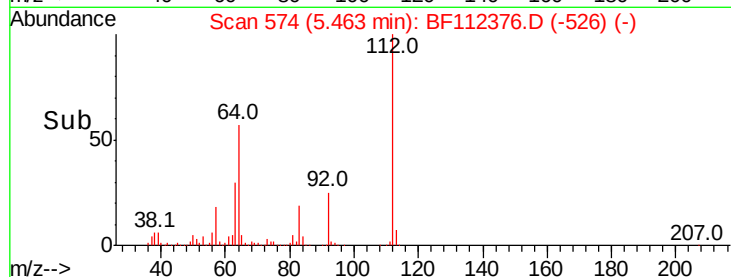
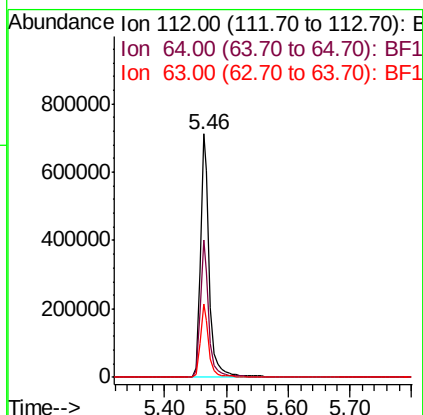
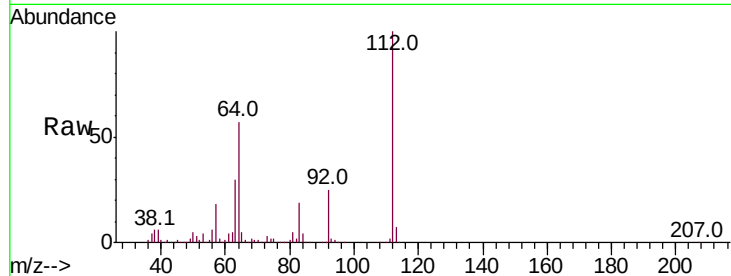
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100	739982		
64	56.6	45.7	68.5	
63	29.9	23.6	35.4	

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#6

Aniline

Concen: 43.103 ng

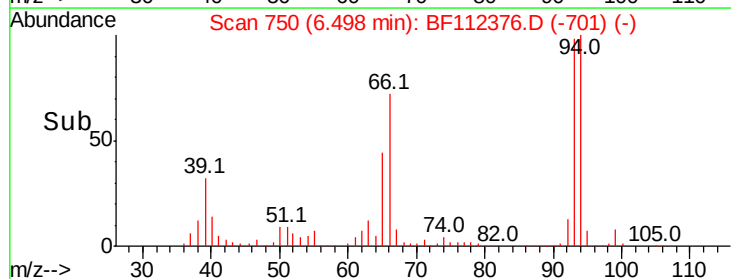
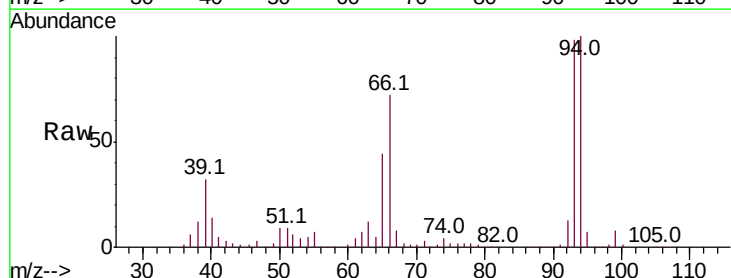
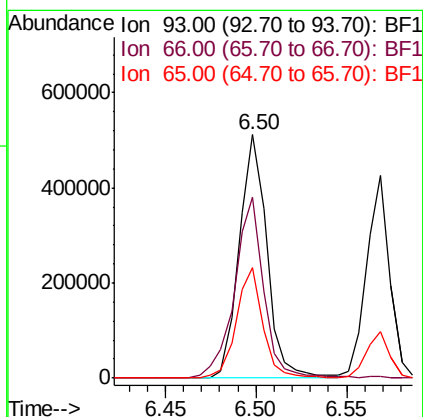
RT: 6.50 min Scan# 750

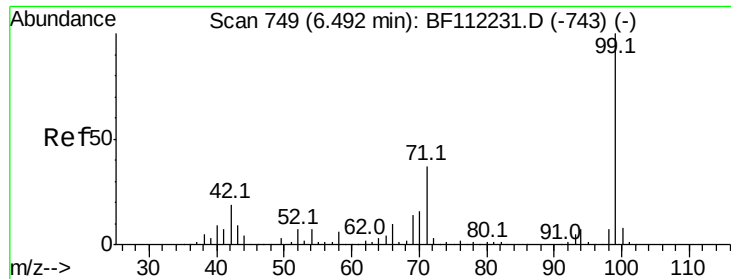
Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	544357		
66	74.1	43.4	65.2#	
65	45.4	25.3	37.9#	





#7

Phenol-d6

Concen: 85.262 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

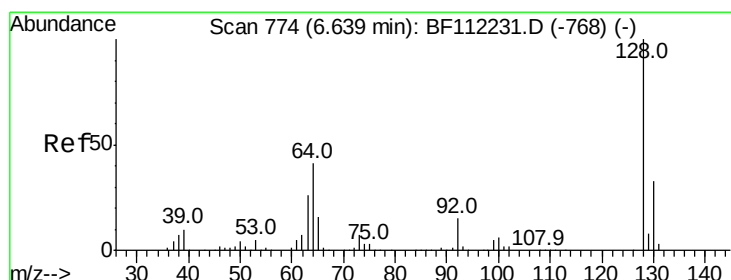
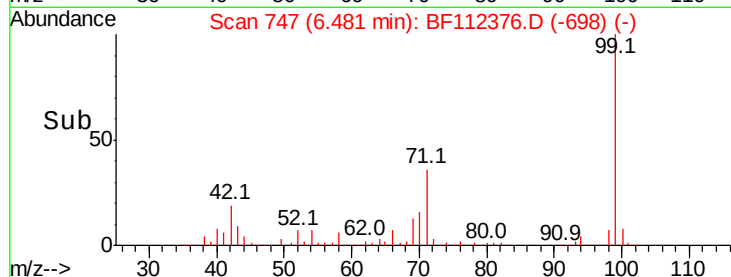
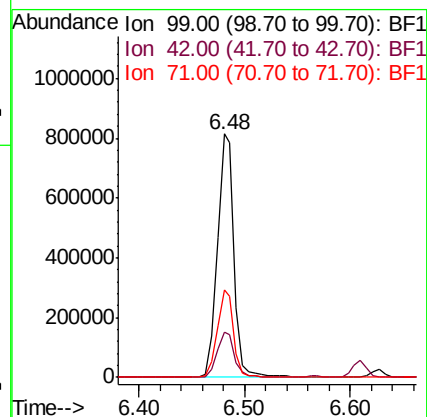
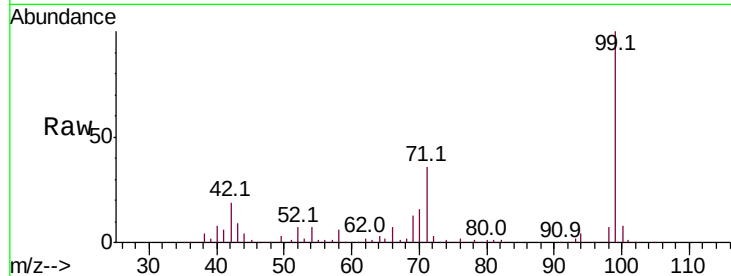
ClientSampleId :

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Tot Ion:	99	Resp:	905205
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.1	22.7
71	35.8	26.9	40.3

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#8

2-Chlorophenol

Concen: 41.411 ng

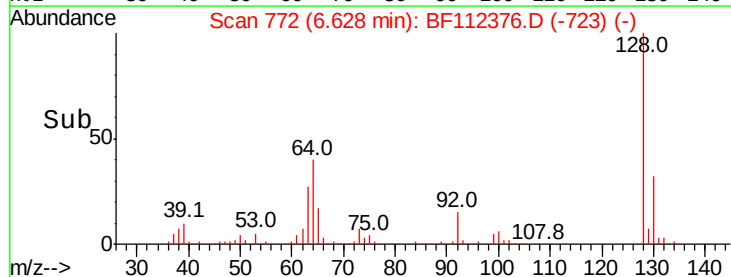
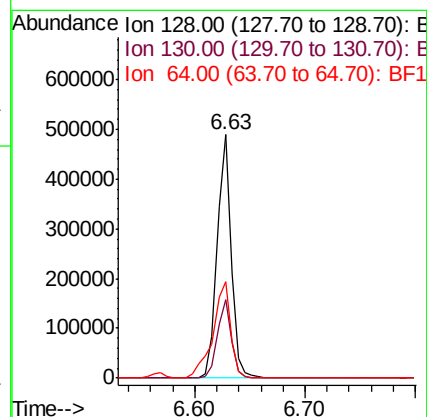
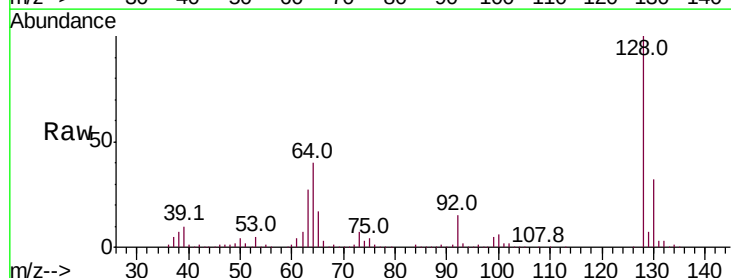
RT: 6.63 min Scan# 772

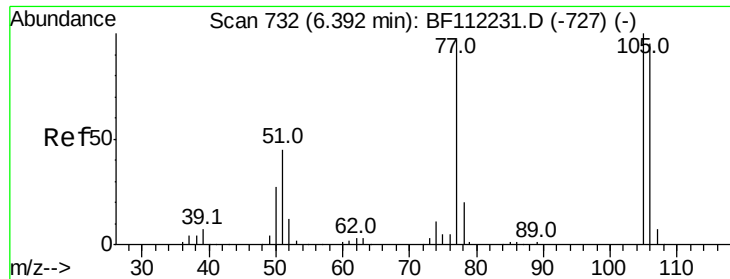
Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion:	128	Resp:	425637
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.4	53.4
64	39.7	20.5	60.5





#9

Benzaldehyde

Concen: 39.939 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

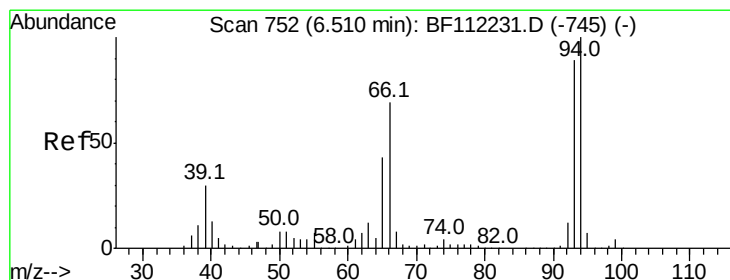
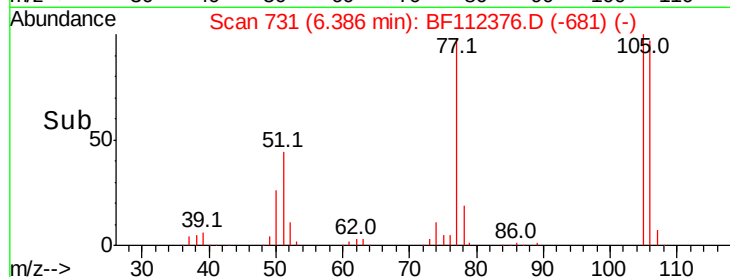
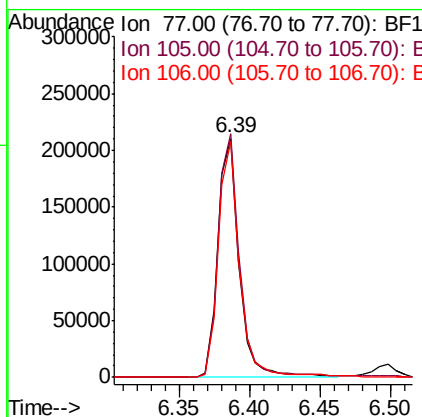
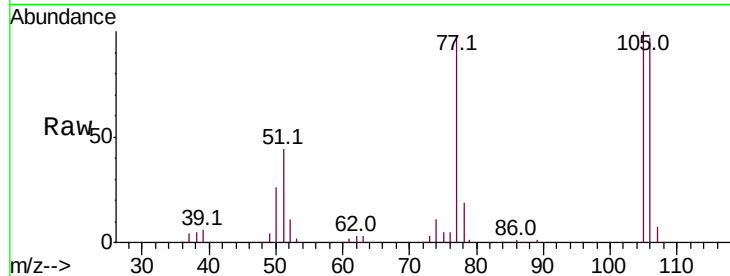
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	221627
Ion	Ratio	Lower	Upper
77	100		
105	101.9	80.8	120.8
106	98.5	75.7	115.7

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#10

Phenol

Concen: 42.824 ng

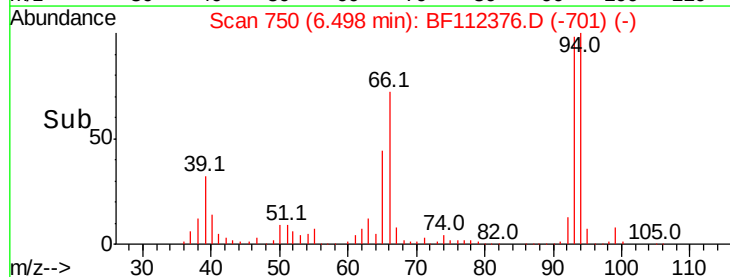
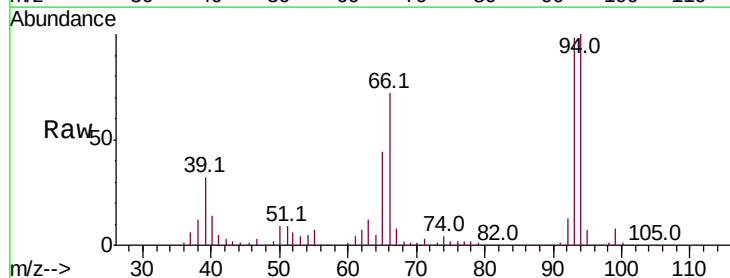
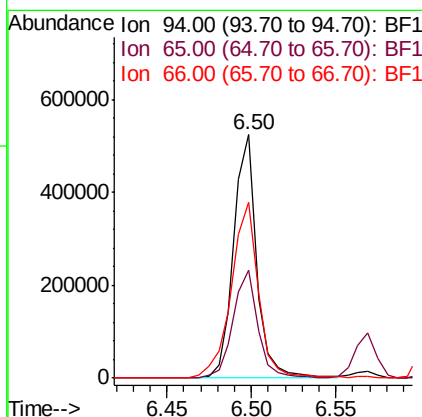
RT: 6.50 min Scan# 750

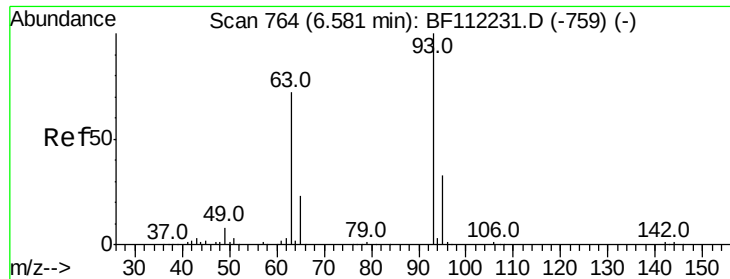
Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion:	94	Resp:	498800
Ion	Ratio	Lower	Upper
94	100		
65	44.3	20.3	60.3
66	72.4	42.4	82.4





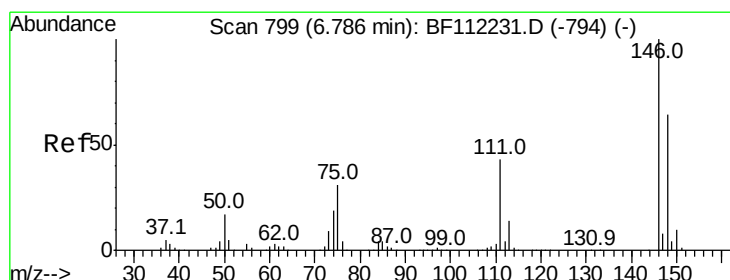
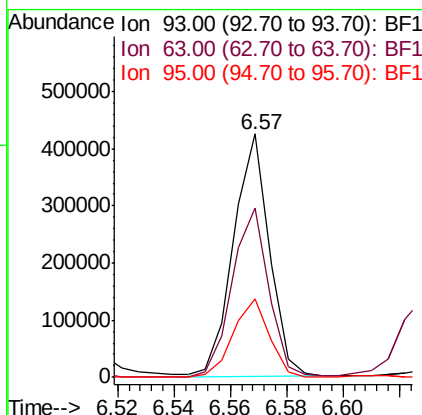
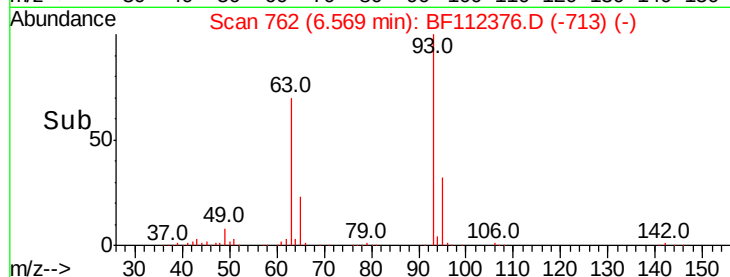
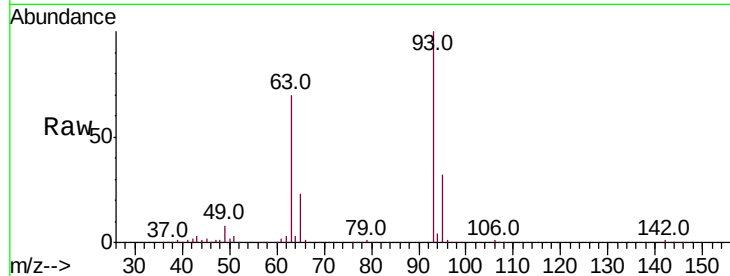
#11
bis(2-Chloroethyl)ether
Concen: 40.709 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	373306
Ion	Ratio	Lower	Upper
93	100		
63	69.7	53.3	93.3
95	32.5	13.4	53.4

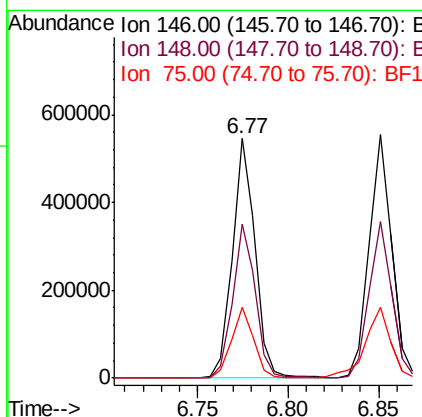
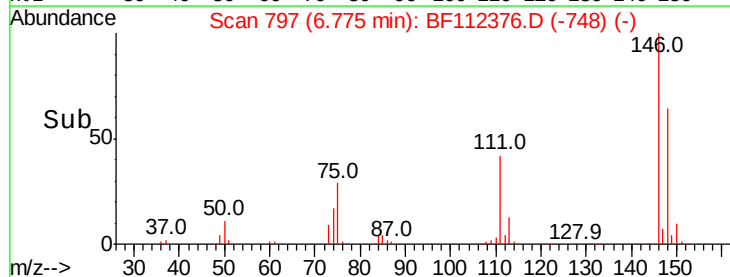
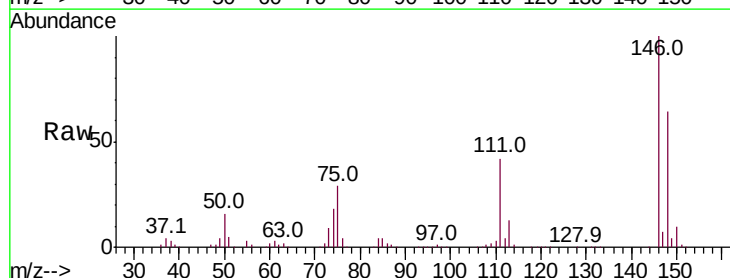
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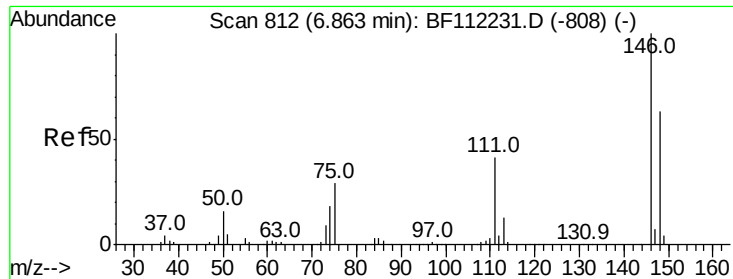
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.716 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:	146	Resp:	475401
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	29.5	23.1	34.7





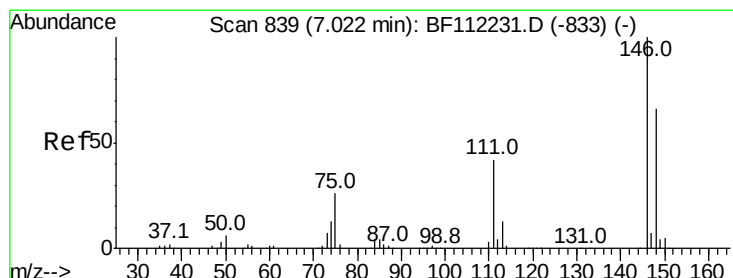
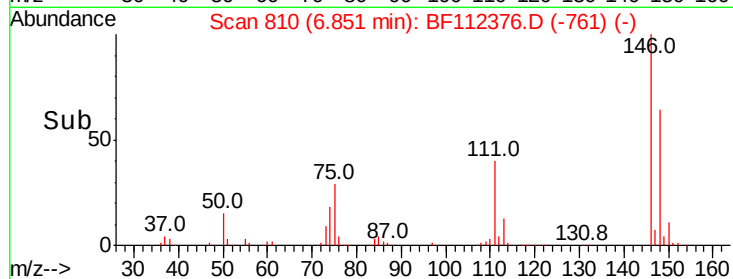
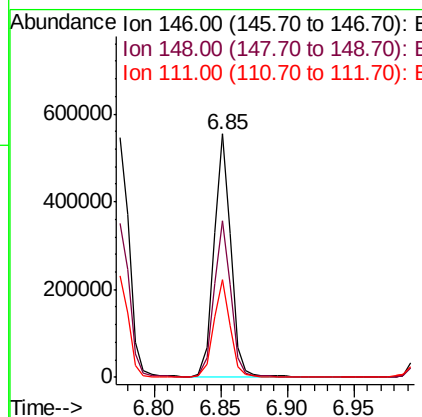
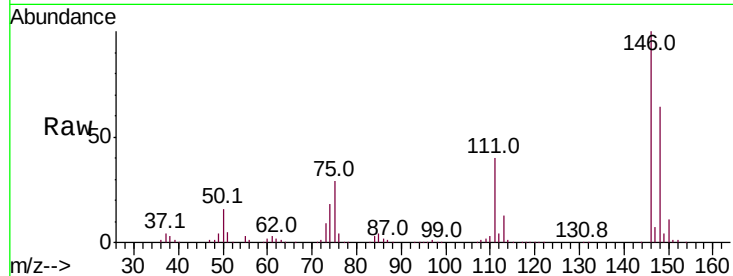
#13
1,4-Dichlorobenzene
Concen: 39.674 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	39.9	31.2	46.8

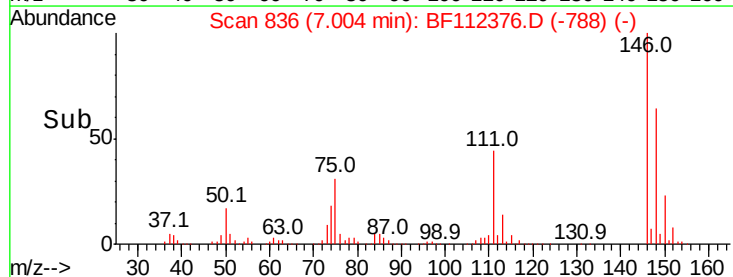
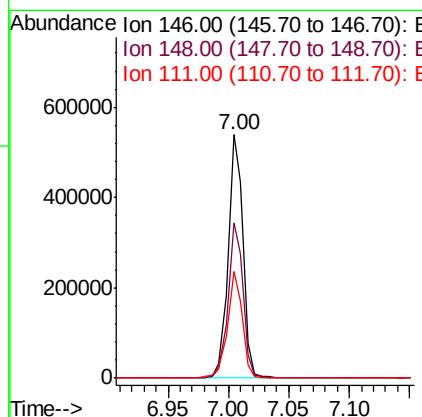
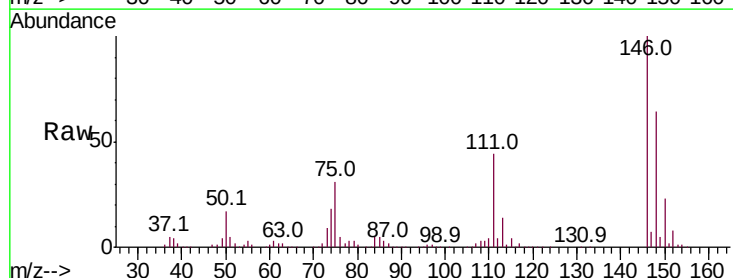
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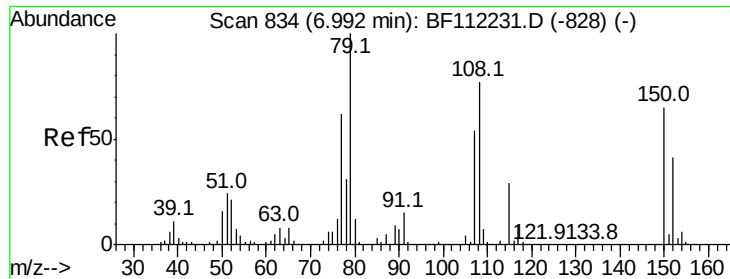
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#14
1,2-Dichlorobenzene
Concen: 39.511 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.4
111	43.9	31.2	46.8





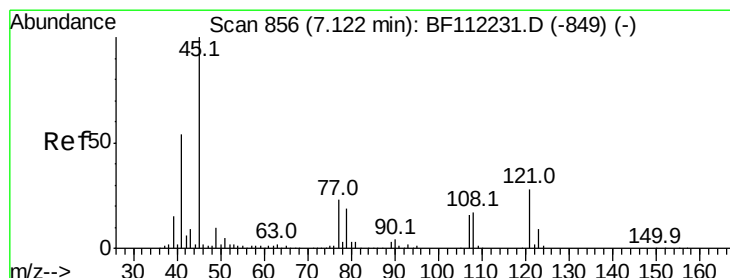
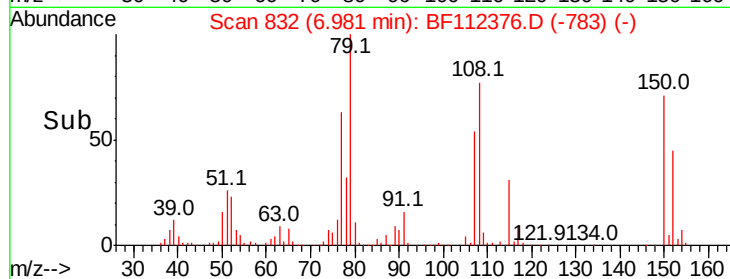
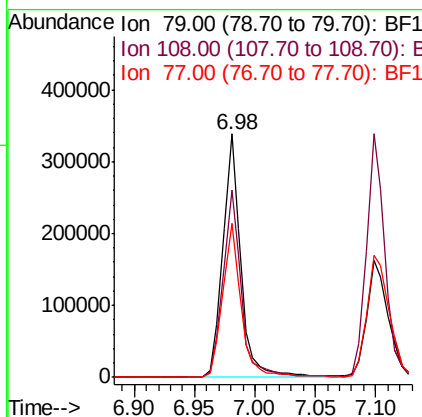
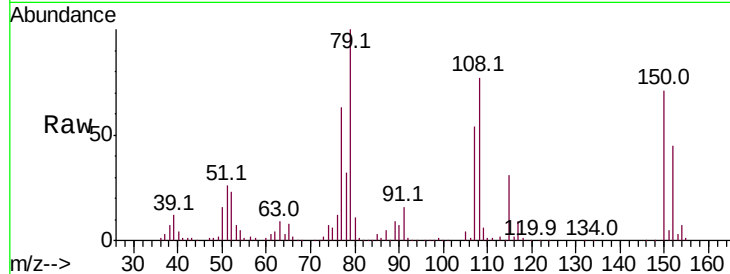
#15
Benzyl Alcohol
Concen: 39.007 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	64.2	96.2
77	63.3	50.3	75.5

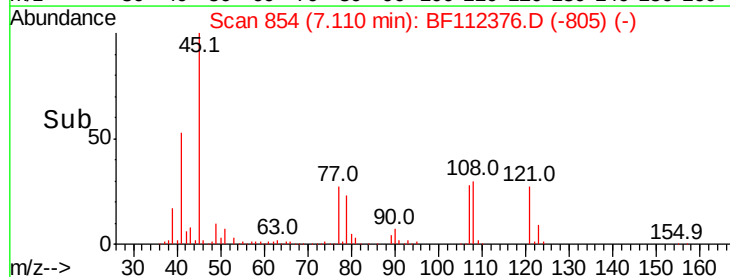
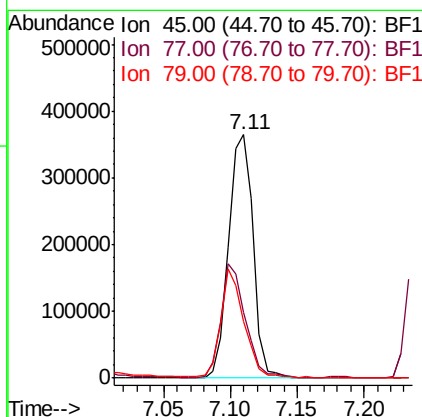
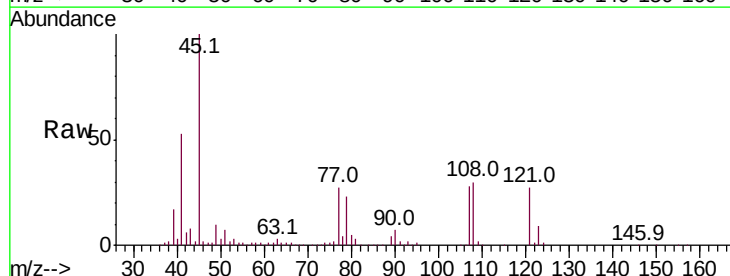
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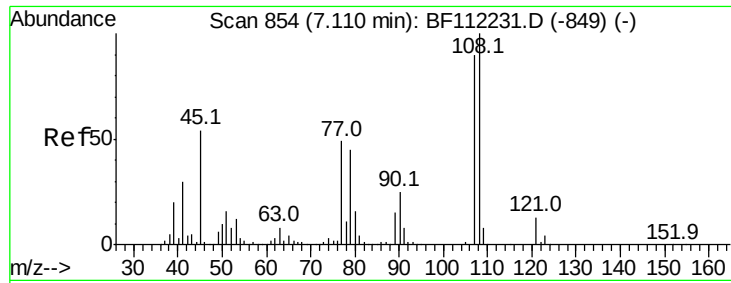
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.998 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.0	0.0	36.9
79	23.3	0.0	34.0





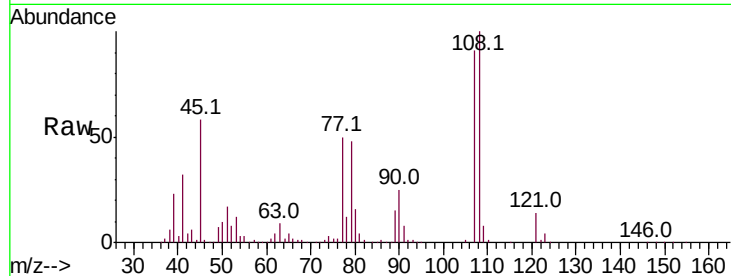
#17
2-Methylphenol
Concen: 39.425 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	91.3	136.9
77	55.6	39.0	58.6
79	53.0	37.0	55.4

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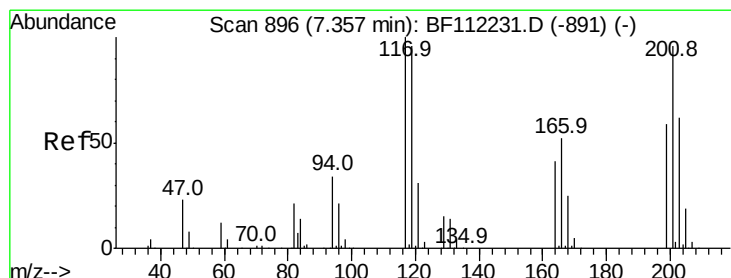
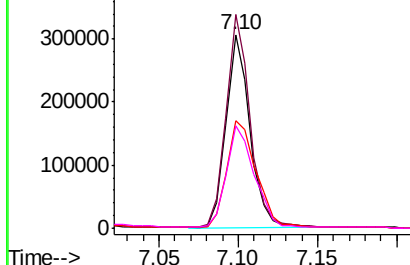
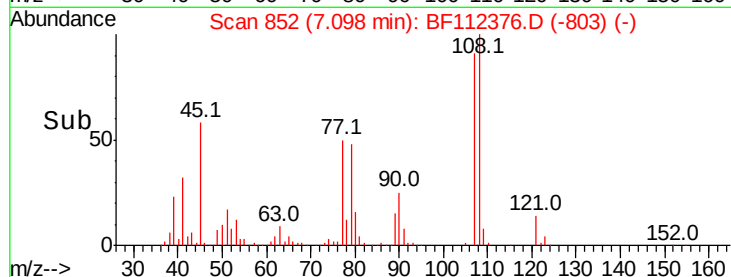
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

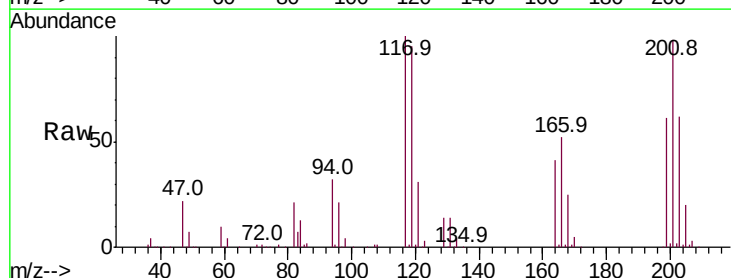
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.408 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.0	115.4
201	98.2	74.1	111.1

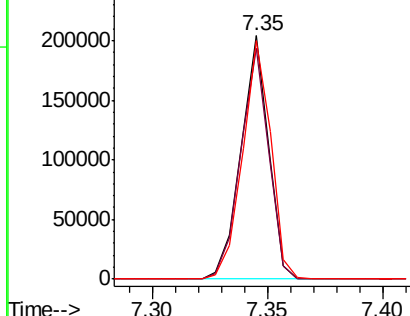
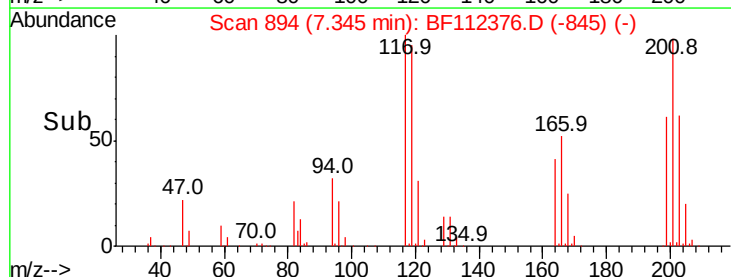


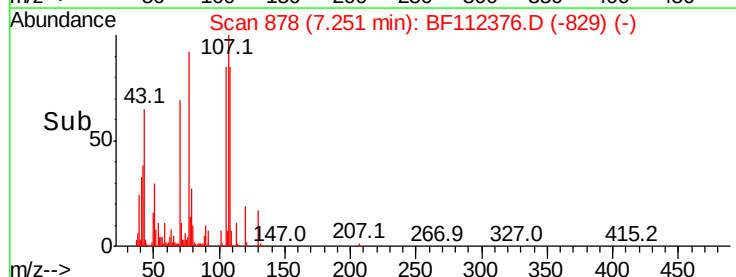
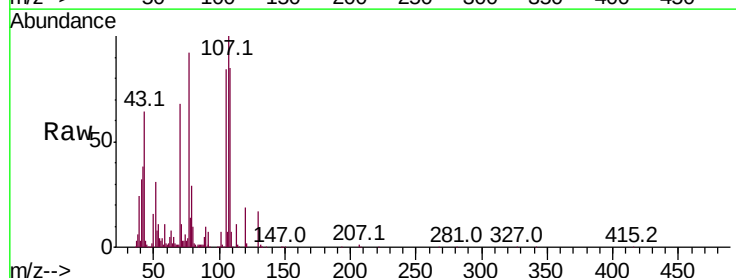
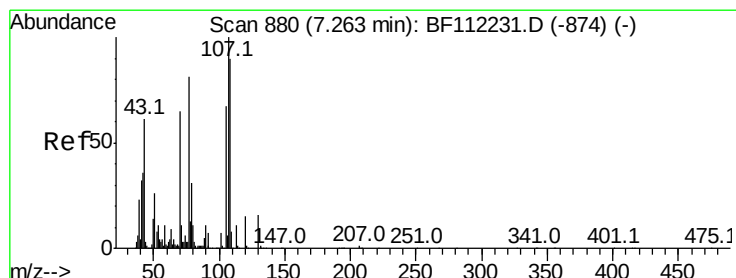
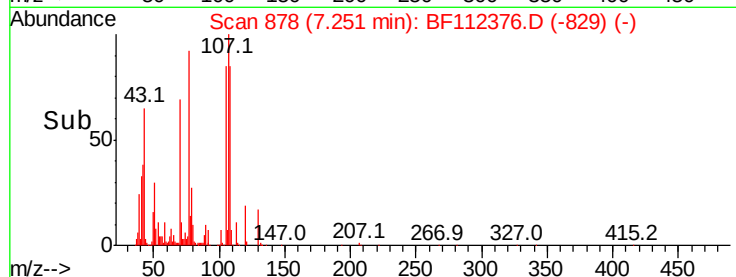
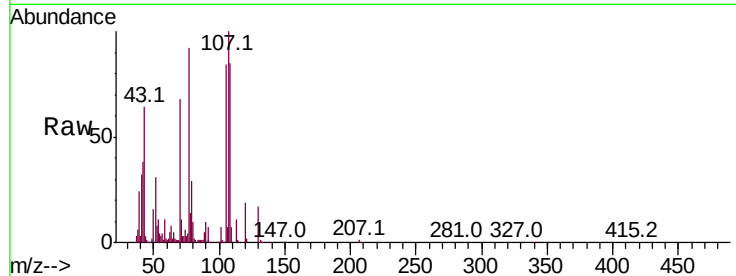
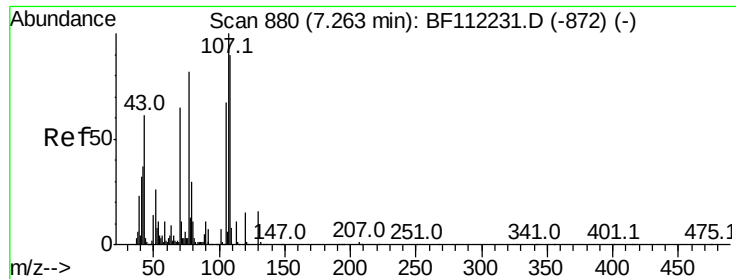
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.616 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112376.D

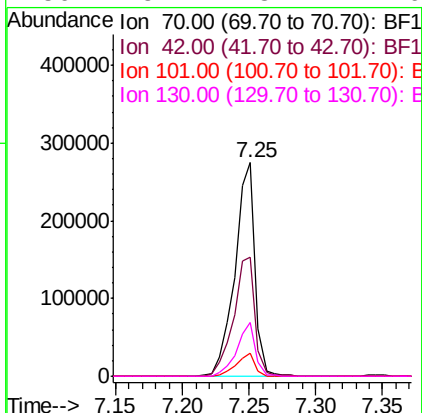
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.6	71.4
101	10.7	7.9	11.9
130	25.1	18.4	27.6

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#20

3+4-Methylphenols

Concen: 40.756 ng

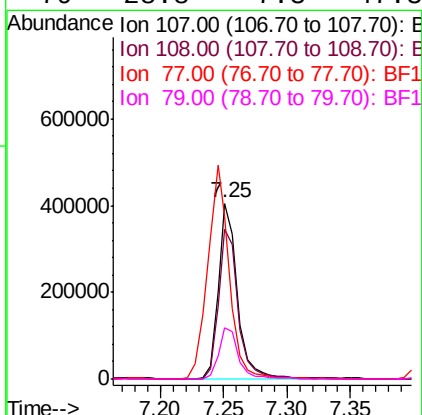
RT: 7.25 min Scan# 878

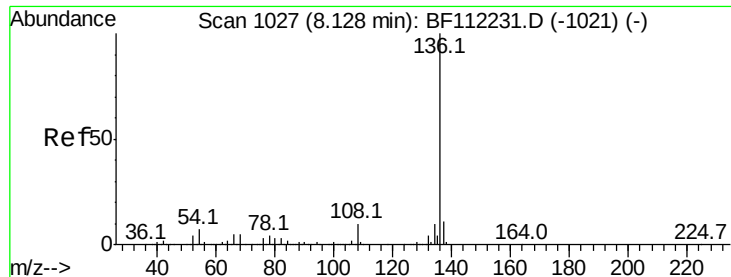
Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	92.2	100.7	140.7#
79	28.8	7.3	47.3





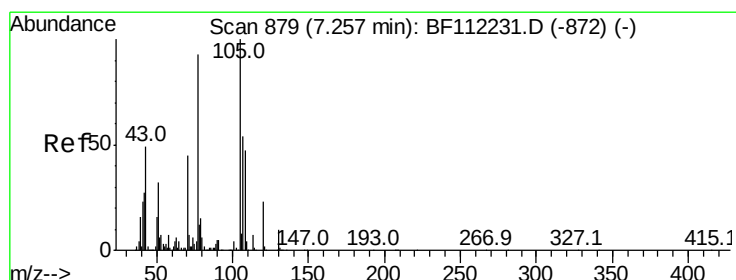
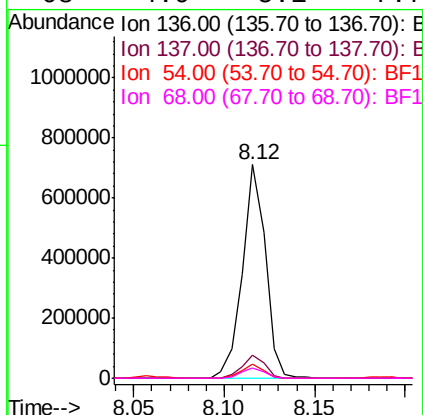
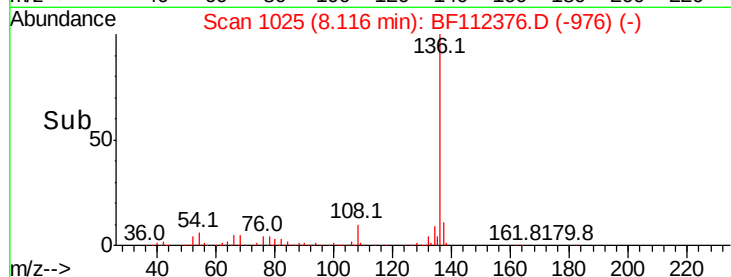
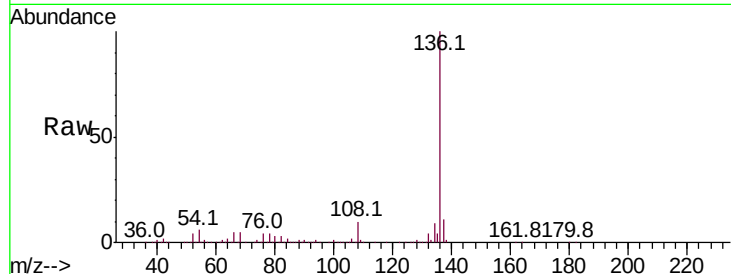
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		627973		
137	10.9	9.1	13.7		
54	6.4	5.9	8.9		
68	4.9	5.1	7.7#		

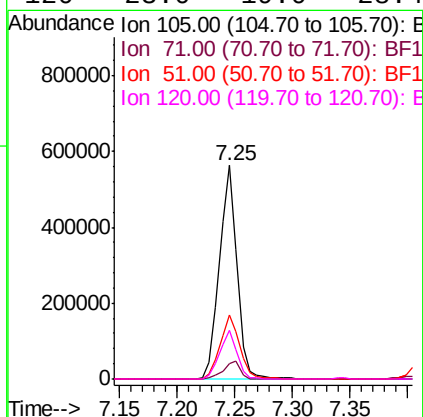
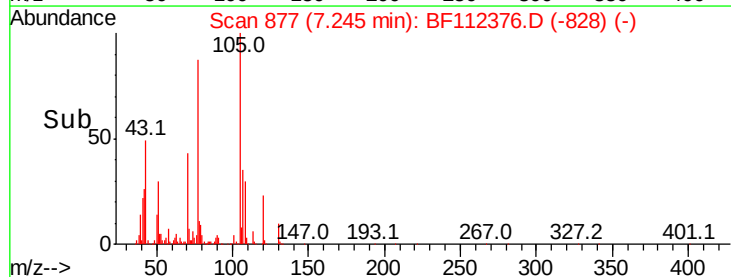
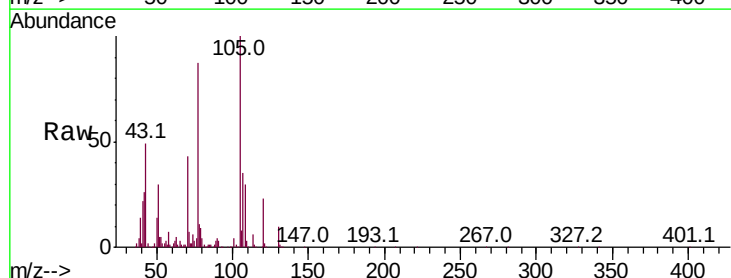
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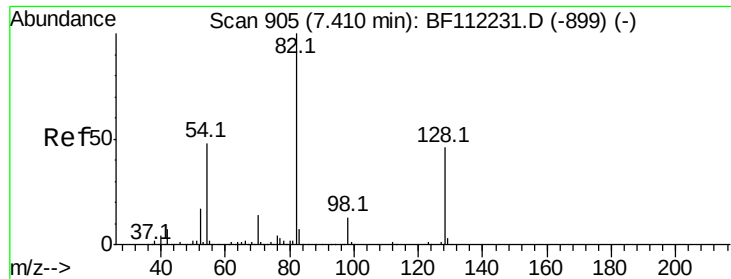
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#22
Acetophenone
Concen: 39.179 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		599090		
71	7.3	4.6	6.8#		
51	30.0	25.0	37.6		
120	23.0	19.0	28.4		





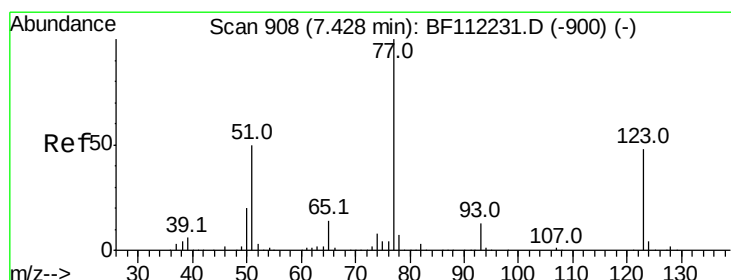
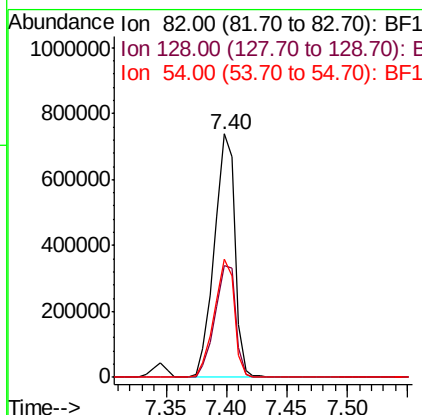
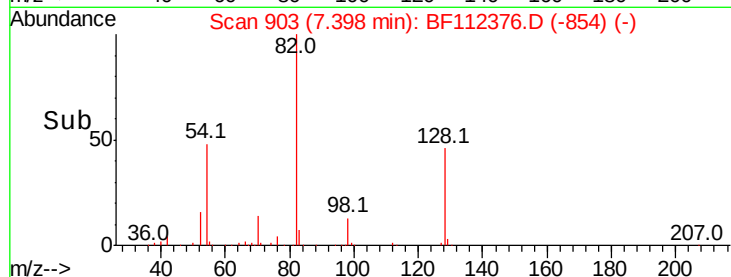
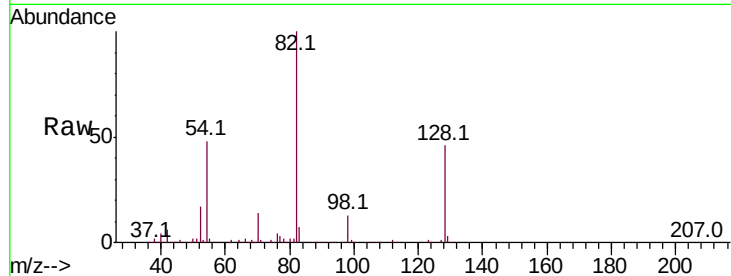
#23
Nitrobenzene-d5
Concen: 79.269 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	48.3	39.7	59.5

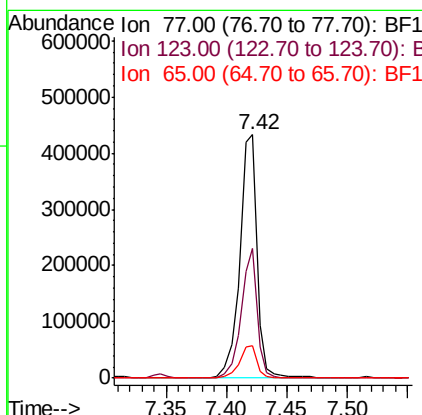
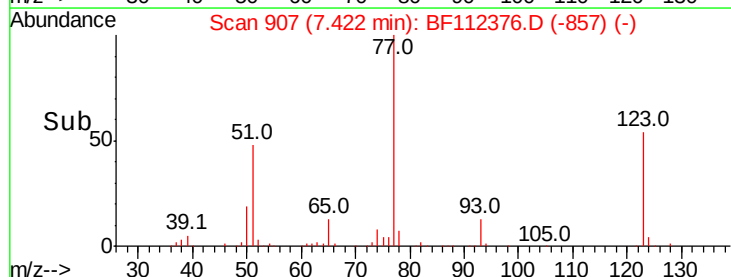
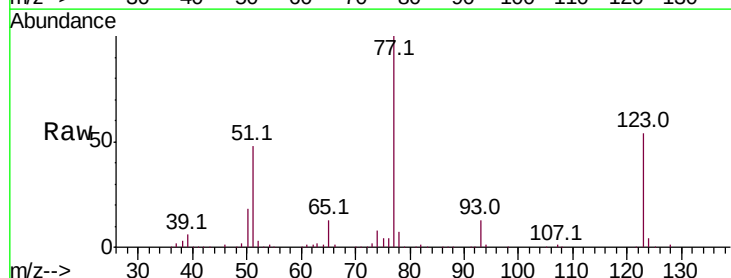
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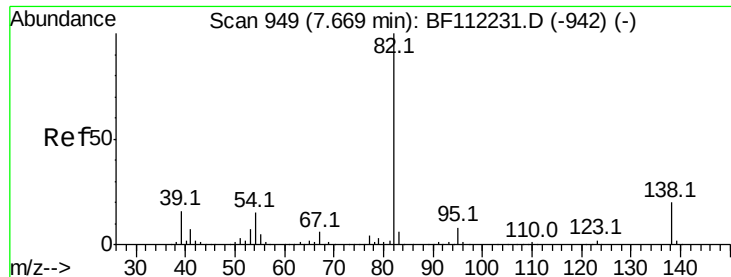
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#24
Nitrobenzene
Concen: 39.728 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	38.4	57.6
65	13.2	10.6	15.8





#25

Isophorone

Concen: 39.852 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

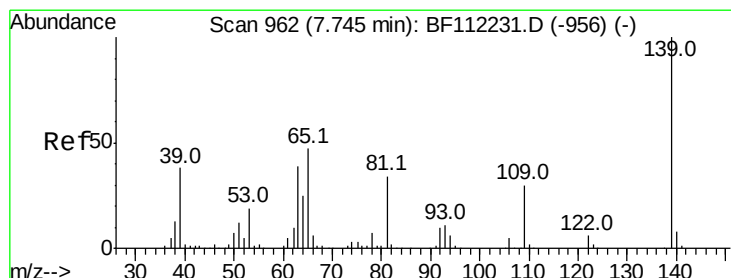
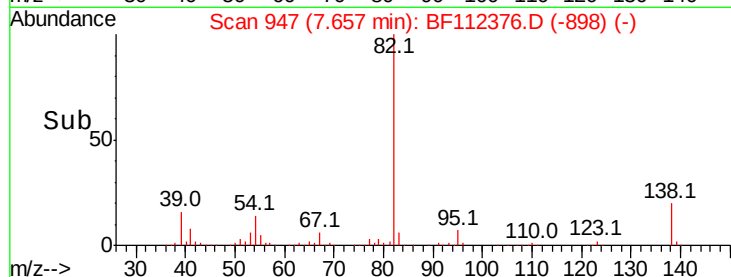
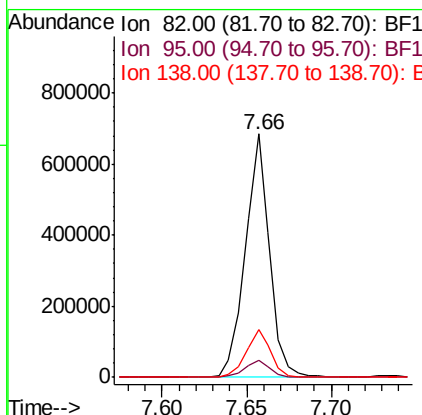
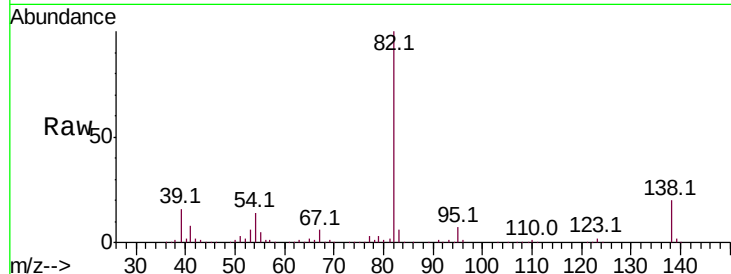
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	681364
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	19.7	15.4	23.0

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#26

2-Nitrophenol

Concen: 40.720 ng

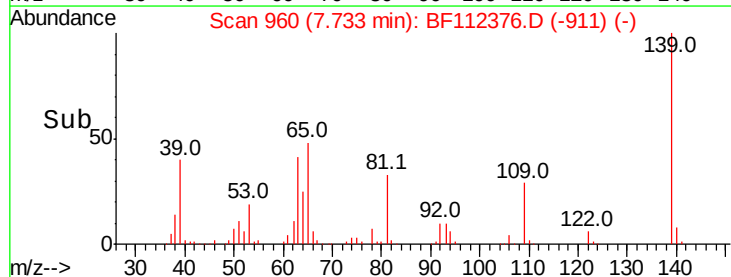
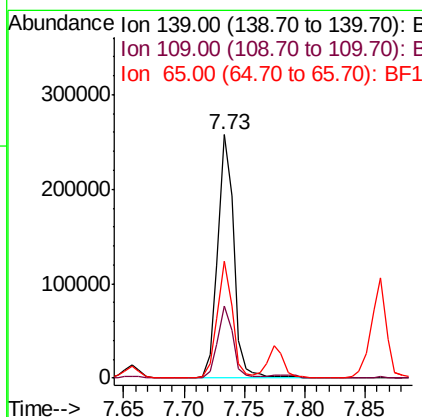
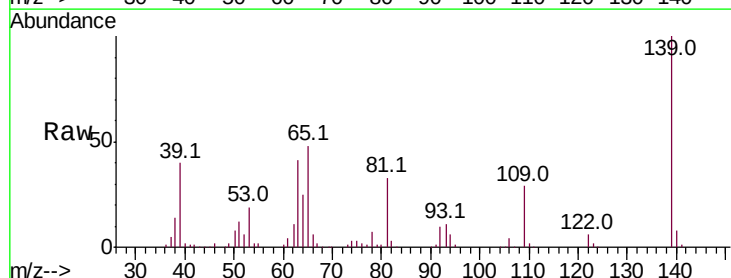
RT: 7.73 min Scan# 960

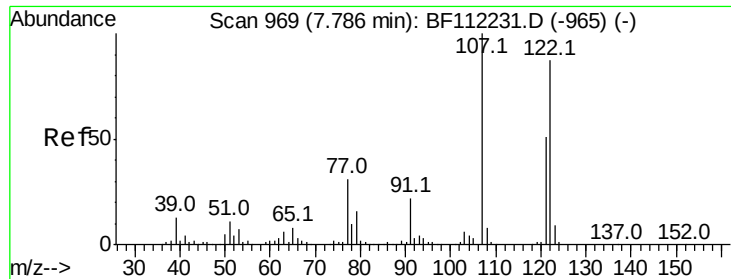
Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion:	139	Resp:	236859
Ion Ratio	Lower	Upper	
139	100		
109	29.4	20.8	31.2
65	48.2	34.4	51.6





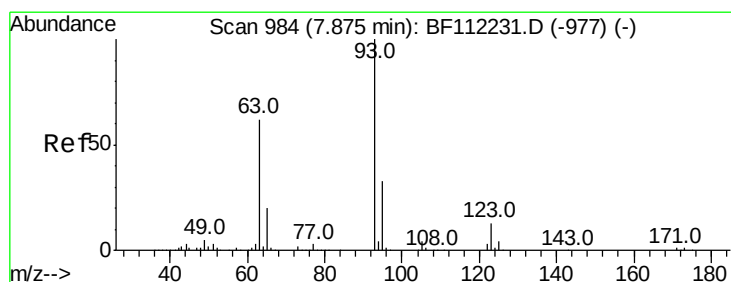
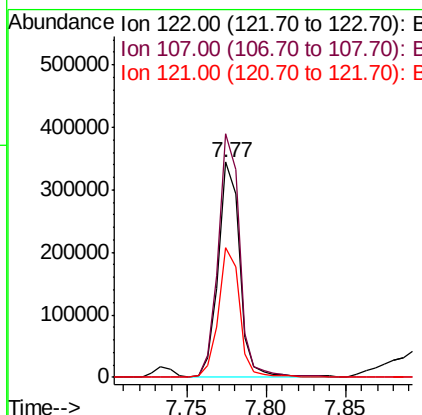
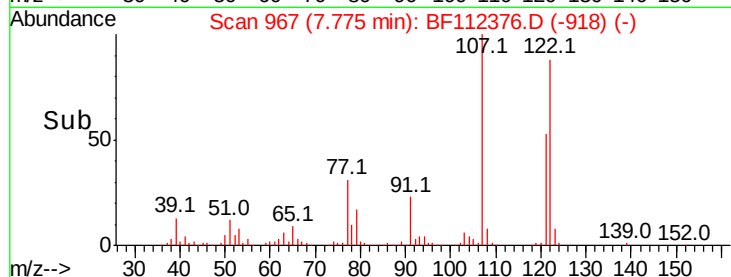
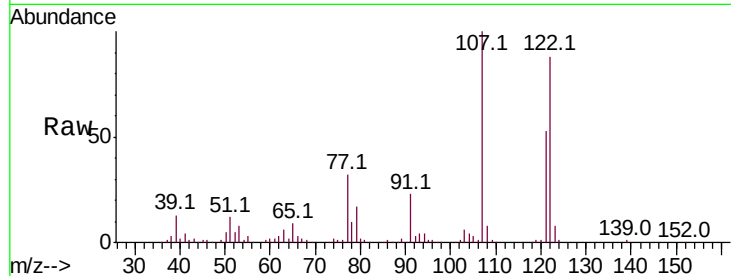
#27
2,4-Dimethylphenol
Concen: 40.344 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	85.4	128.0
121	60.2	47.0	70.4

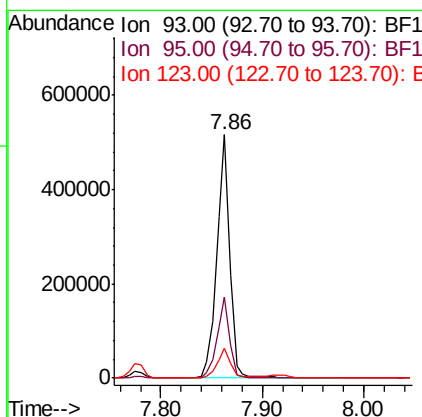
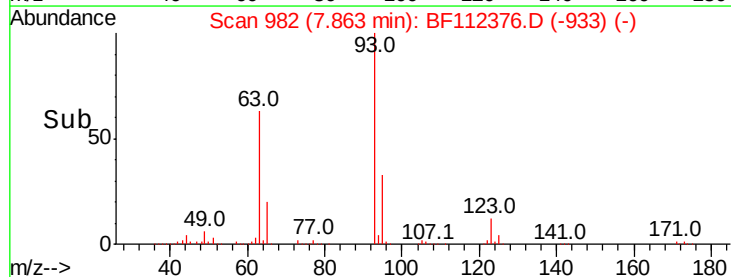
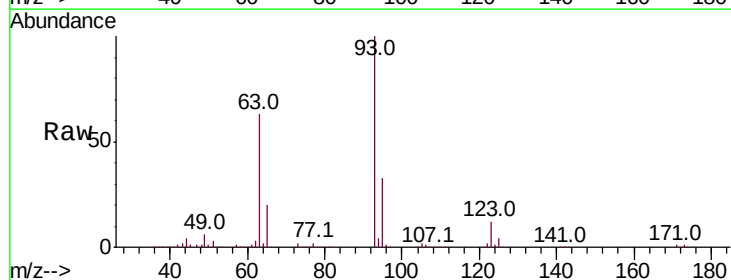
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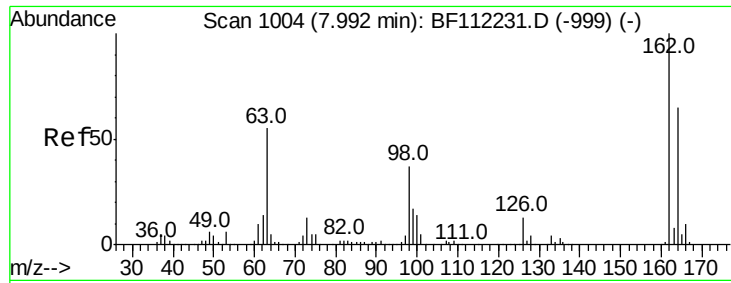
mohammad
2/5/2019 8:42:41 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.309 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	12.4	10.2	15.2





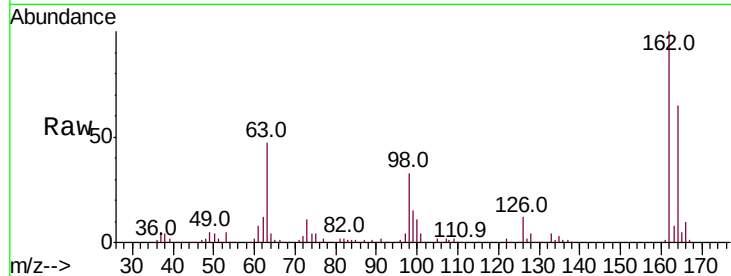
#29
2,4-Dichlorophenol
Concen: 40.978 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

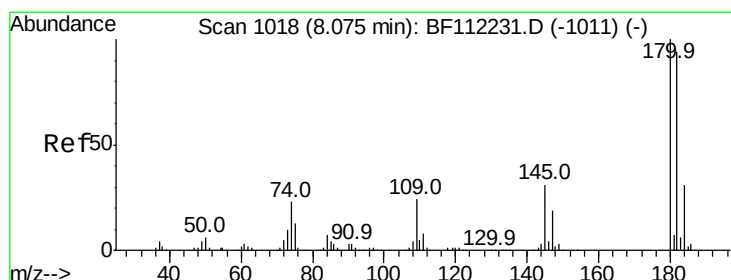
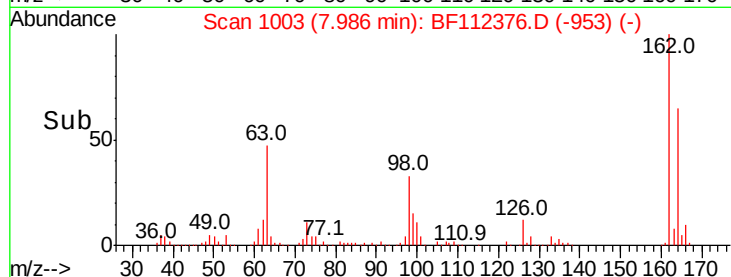
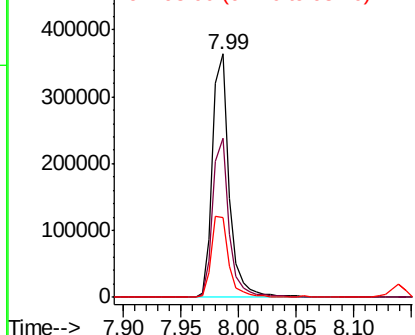
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	44.6	84.6
98	32.7	14.6	54.6

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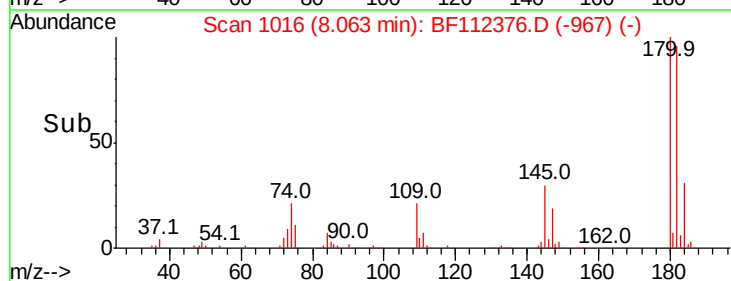
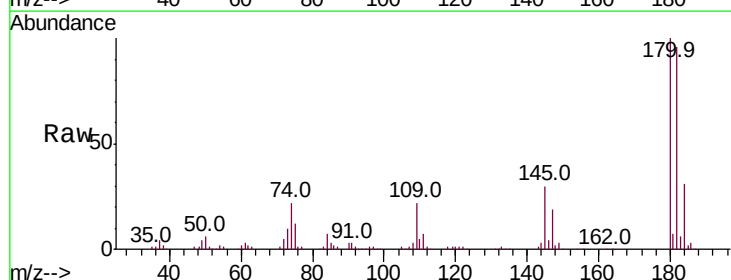
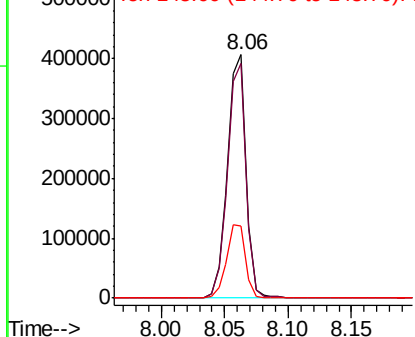
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

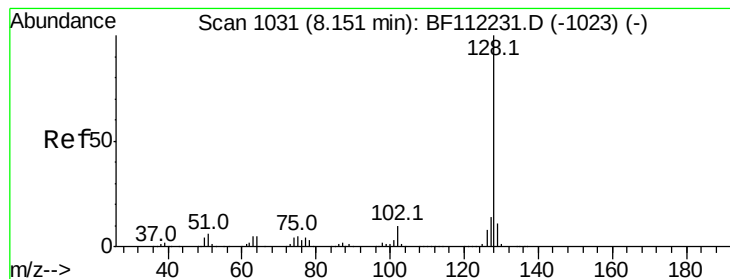


#30
1,2,4-Trichlorobenzene
Concen: 39.707 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.4	76.4	114.6
145	29.6	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: 39.636 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1163971

Ion Ratio Lower Upper

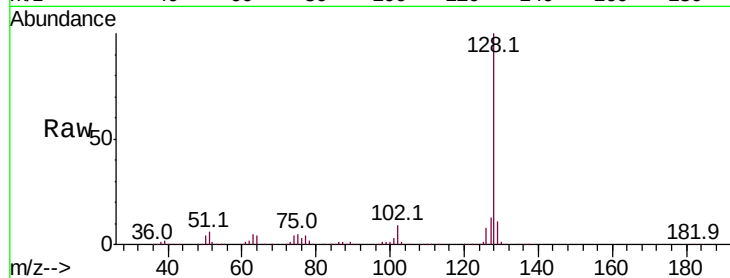
128 100

129 11.1 9.6 14.4

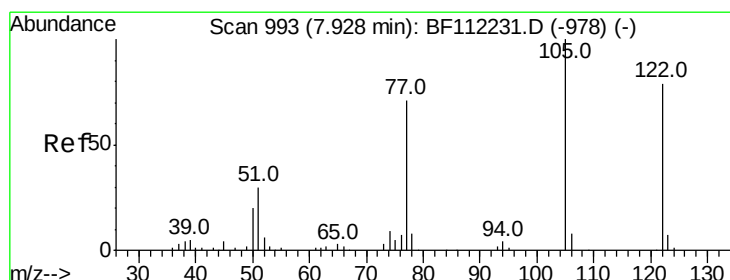
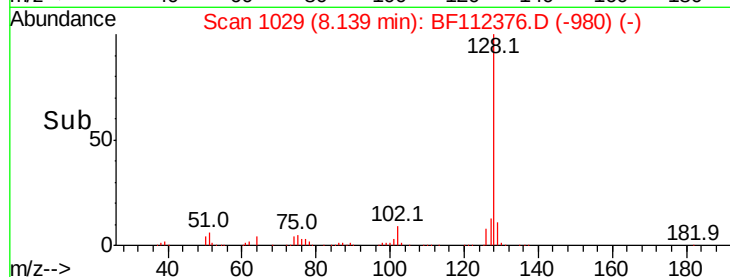
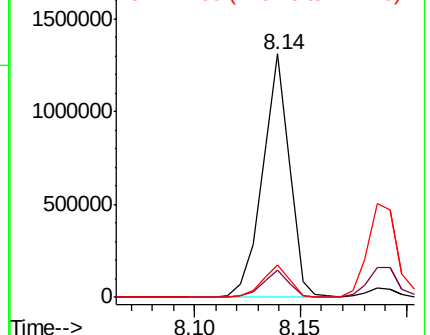
127 13.3 11.1 16.7

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



#32

Benzoic acid

Concen: 39.333 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

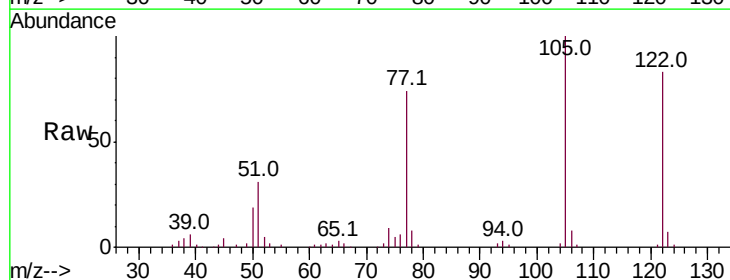
Tgt Ion:122 Resp: 179810

Ion Ratio Lower Upper

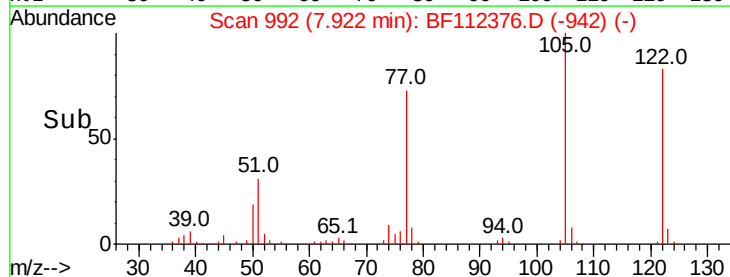
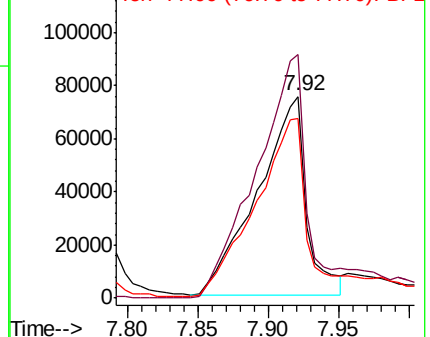
122 100

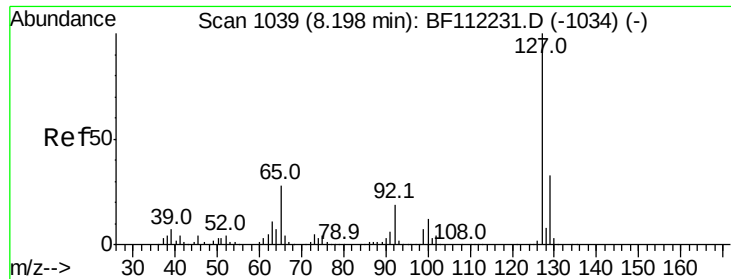
105 120.6 101.2 141.2

77 89.1 70.4 110.4



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





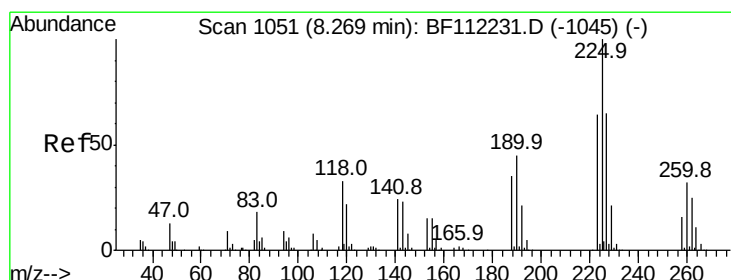
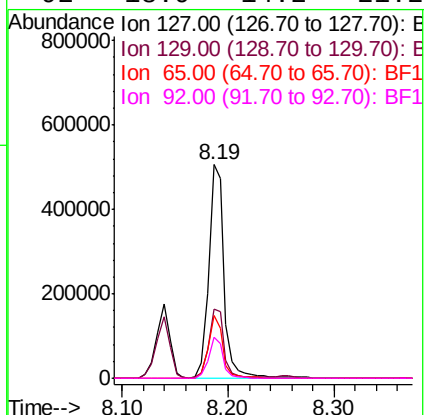
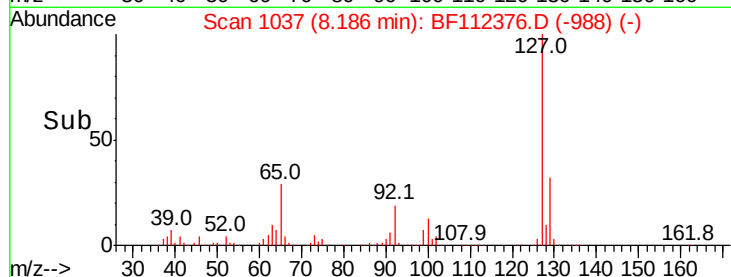
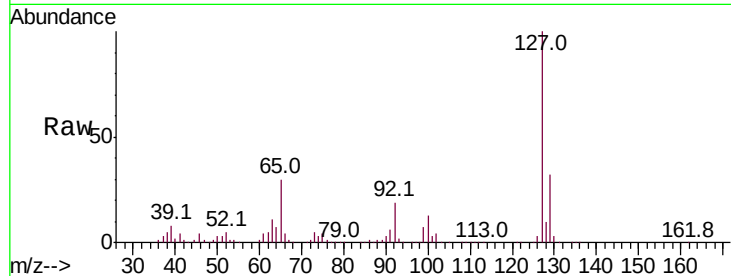
#33
4-Chloroaniline
Concen: 40.117 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.6	39.8	
65	29.5	21.4	32.2	
92	18.9	14.2	21.2	

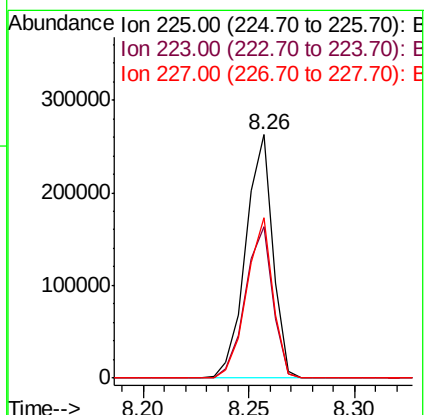
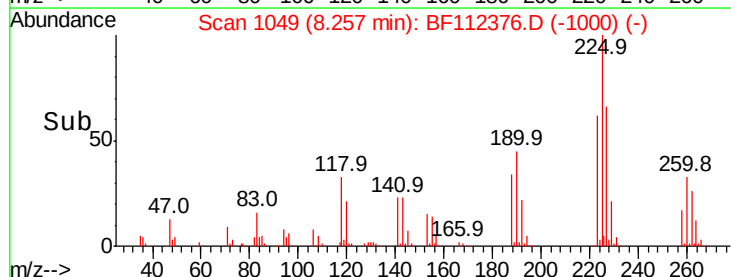
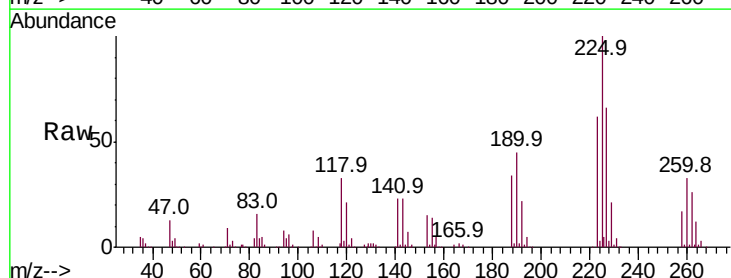
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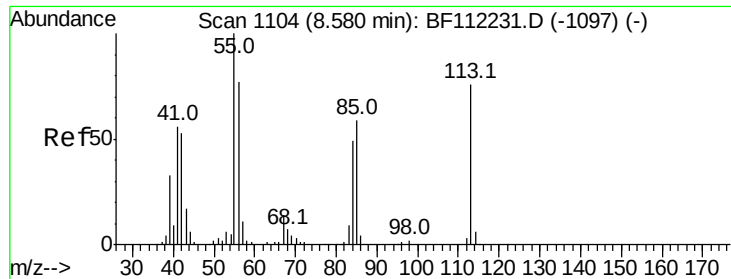
mohammad
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#34
Hexachlorobutadiene
Concen: 38.584 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.3	75.5	
227	65.9	51.8	77.8	





#35

Caprolactam

Concen: 41.364 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion:113 Resp: 130869

Ion Ratio Lower Upper

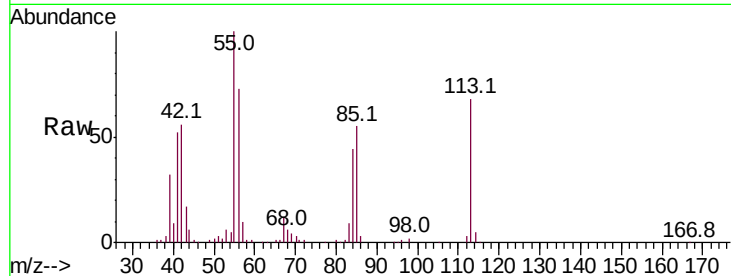
113 100

55 147.3 121.6 161.6

56 107.9 86.7 126.7

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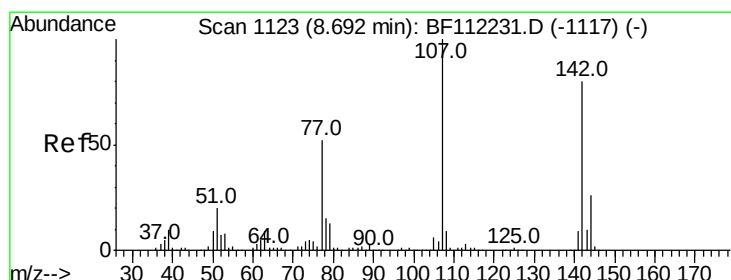
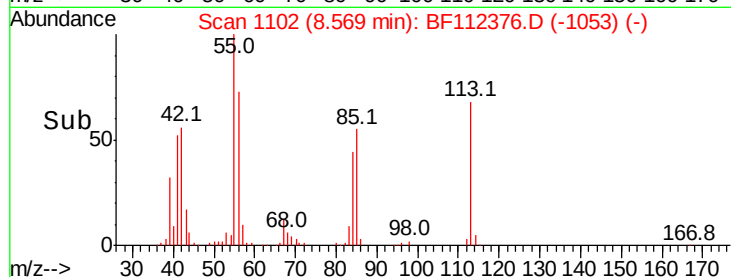
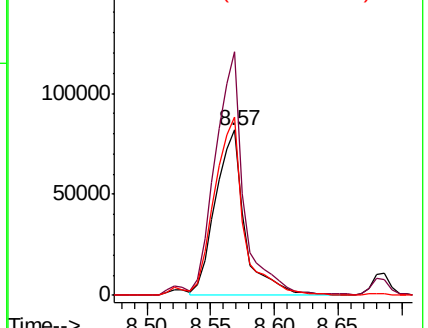
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.792 ng/mL

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

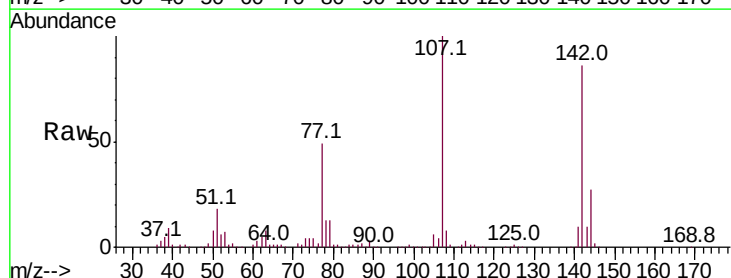
Tgt Ion:107 Resp: 377798

Ion Ratio Lower Upper

107 100

144 27.4 22.2 33.2

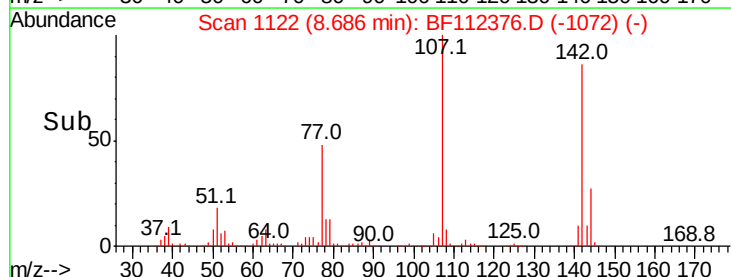
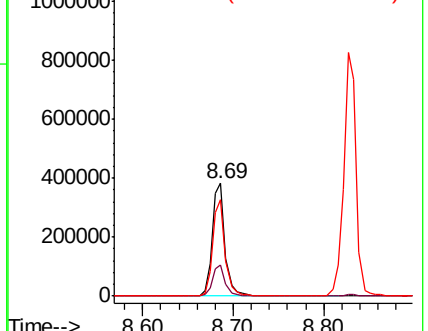
142 86.1 67.7 101.5

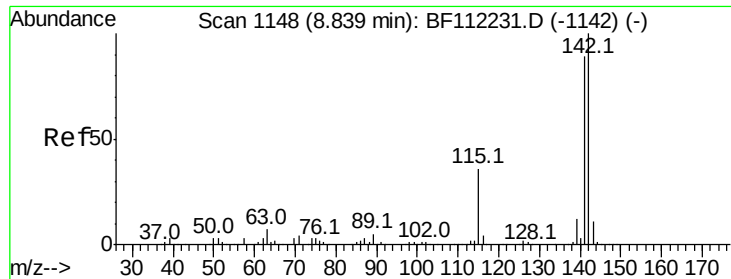


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





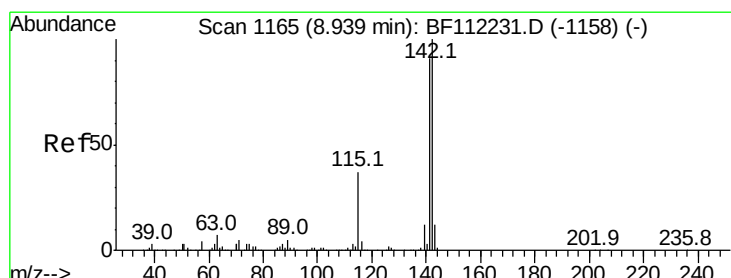
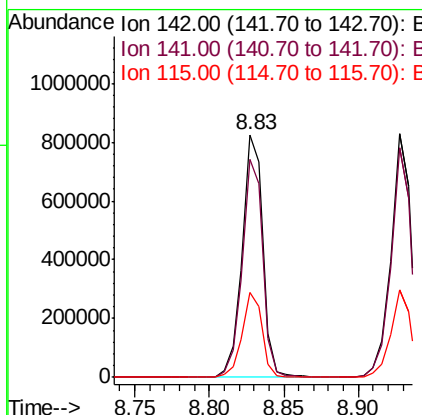
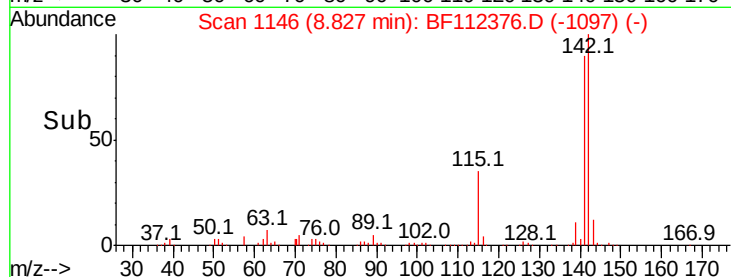
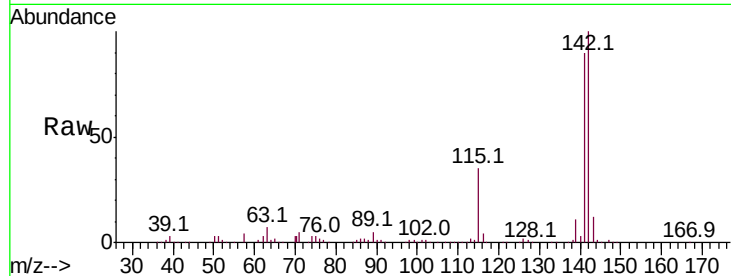
#37
2-Methylnaphthalene
Concen: 39.332 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	790716		
141	90.0	70.9	106.3	
115	35.1	24.9	37.3	

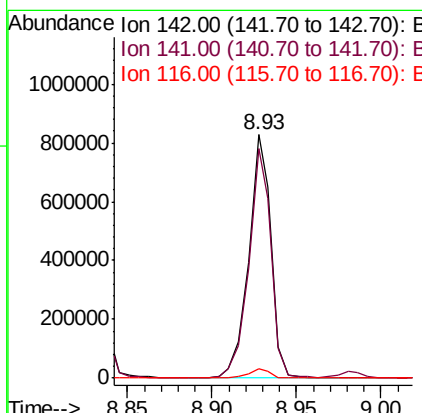
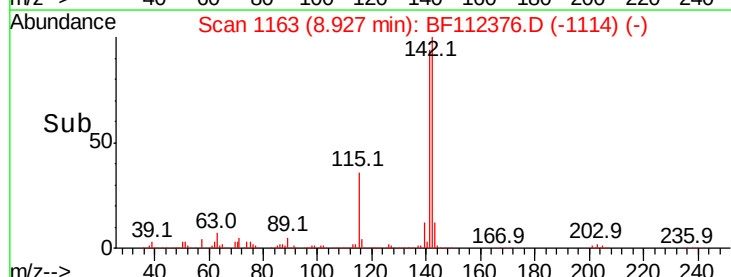
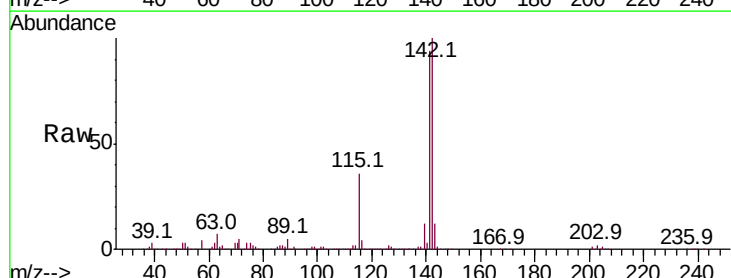
Manual Integrations
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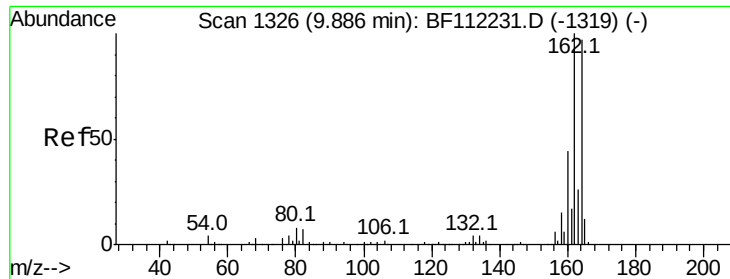
mohammad
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#38
1-Methylnaphthalene
Concen: 39.239 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	756100		
141	94.4	72.6	108.8	
116	3.9	2.8	4.2	





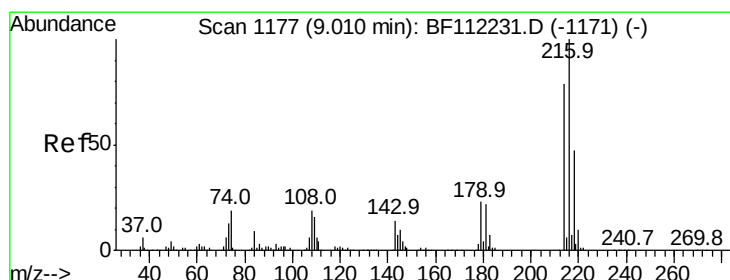
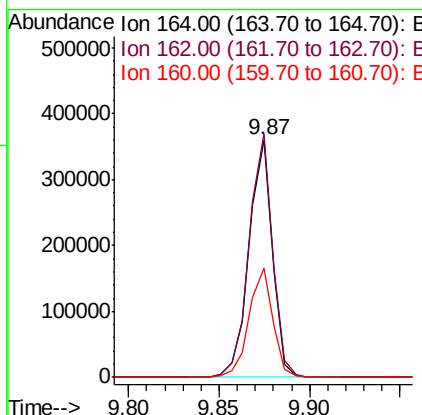
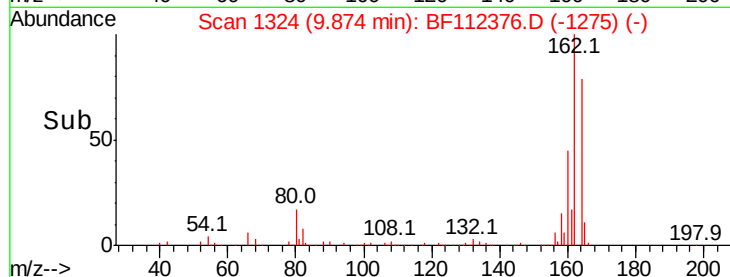
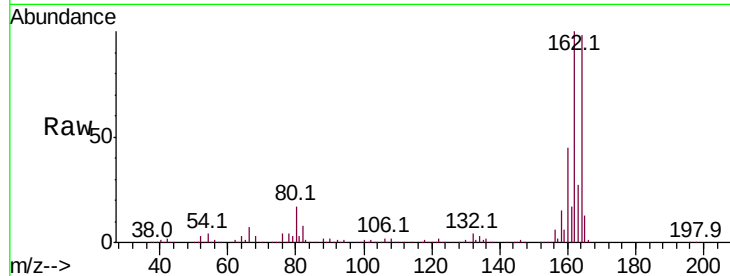
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.4
160	46.2	36.2	54.4

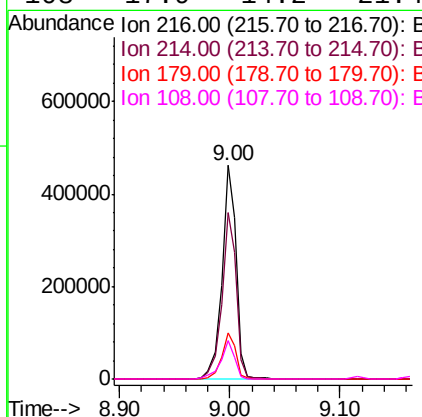
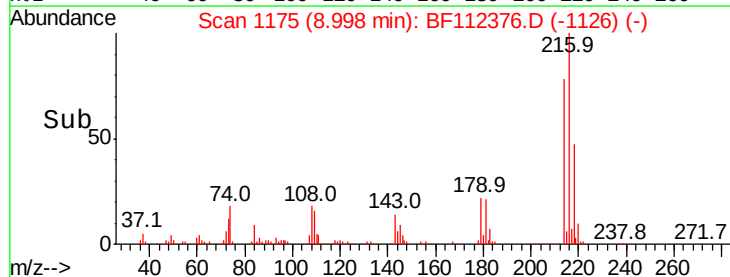
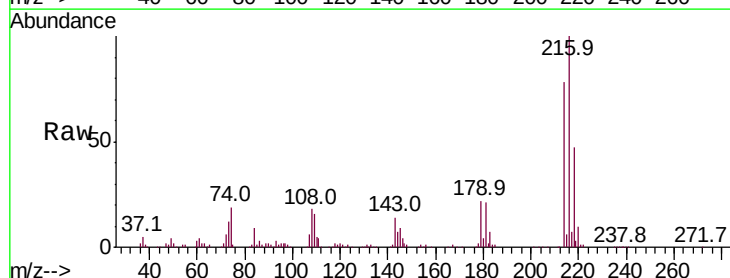
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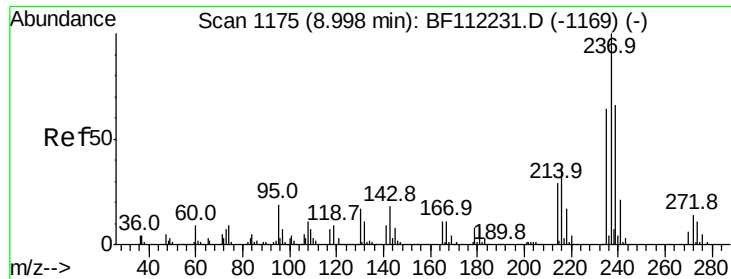
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.797 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.8	95.6
179	21.3	16.9	25.3
108	17.9	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 38.175 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

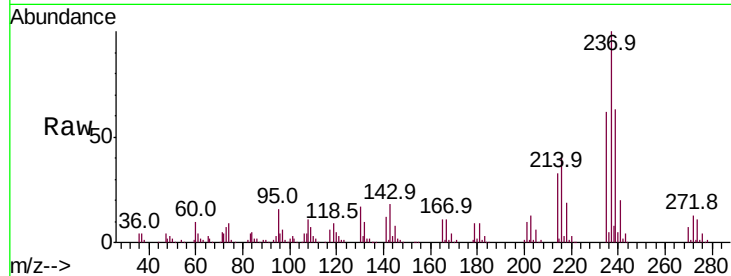
ClientSampleId :

SSTDCCC040

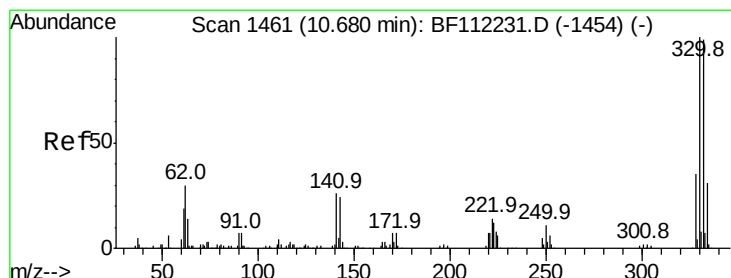
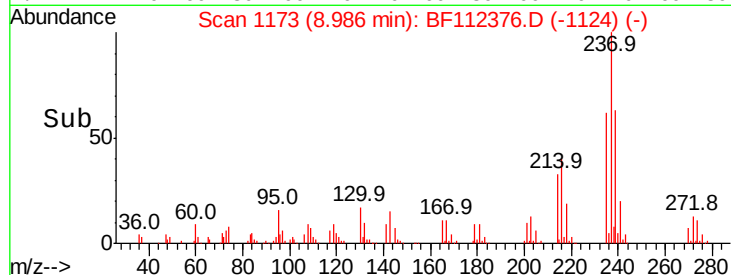
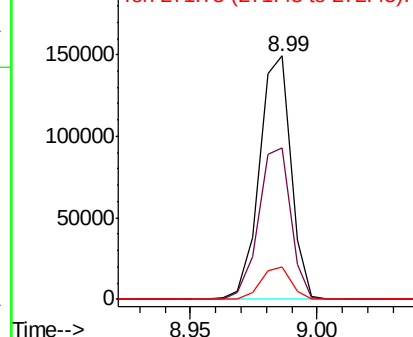
Tot Ion:	237	Resp:	130670
Ion Ratio	Lower	Upper	
237	100		
235	62.0	44.0	84.0
272	13.5	0.0	33.3

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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: 83.247 ng

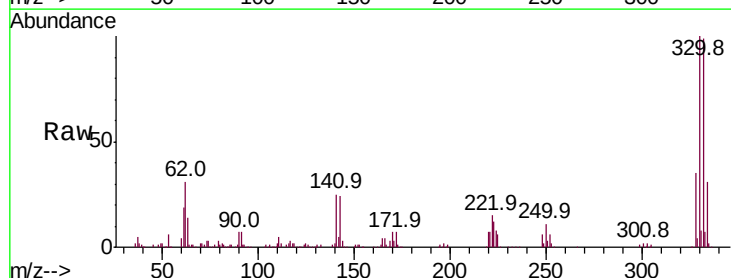
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

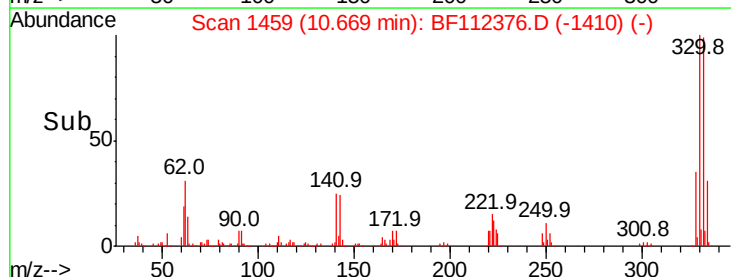
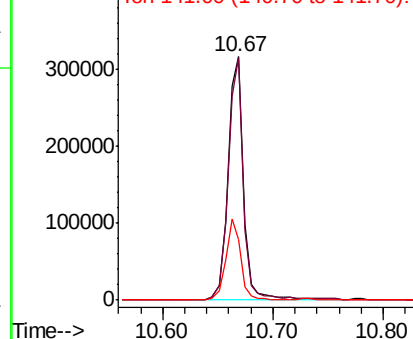
Lab File: BF112376.D

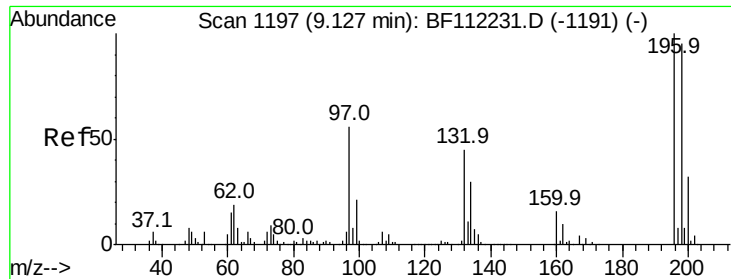
Acq: 4 Feb 2019 13:24

Tgt Ion:	330	Resp:	312735
Ion Ratio	Lower	Upper	
330	100		
332	98.1	76.6	114.8
141	31.6	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





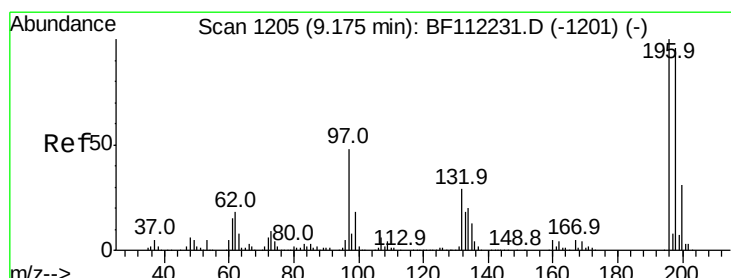
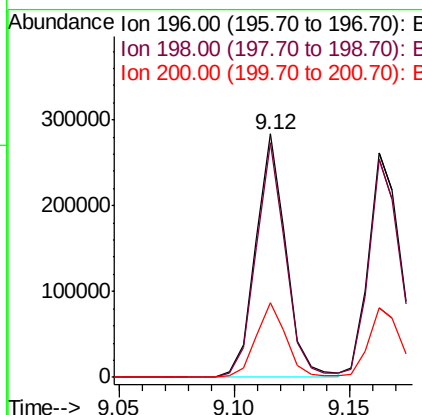
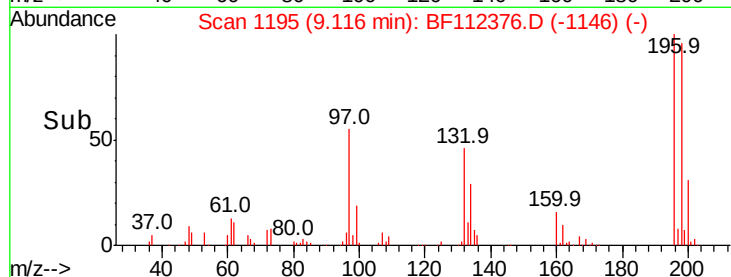
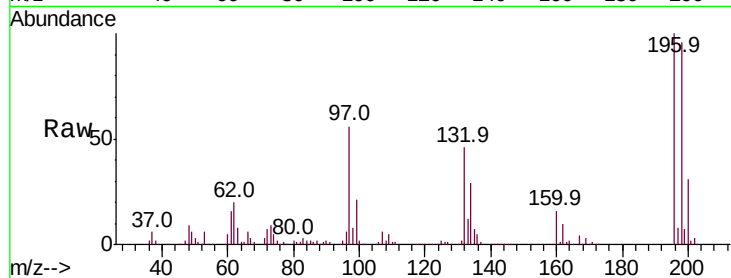
#43
 2,4,6-Trichlorophenol
 Concen: 39.651 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	259005
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.2	114.4
200	30.8	24.3	36.5

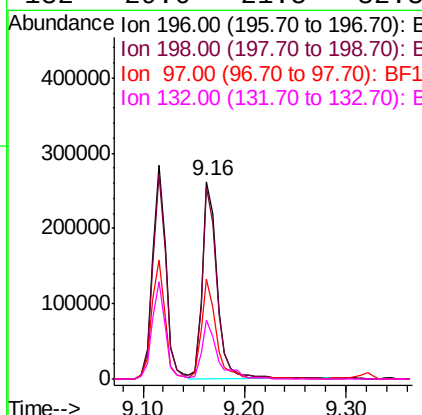
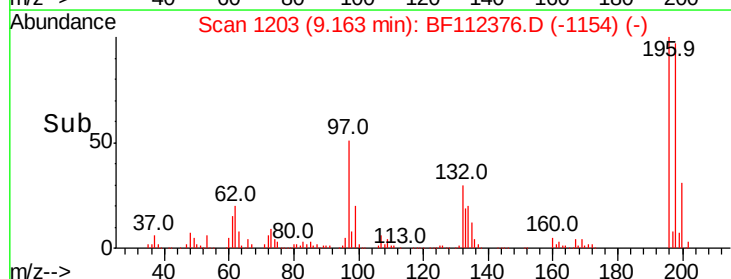
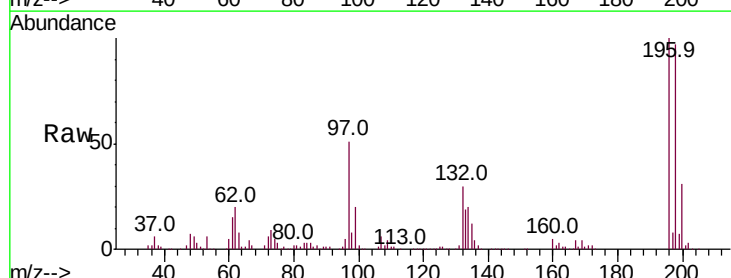
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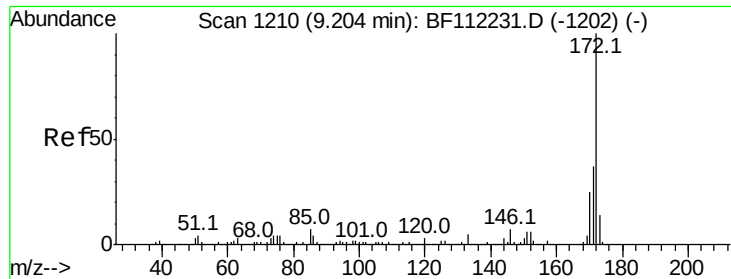
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.332 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion:	196	Resp:	268515
Ion Ratio	Lower	Upper	
196	100		
198	97.2	76.0	114.0
97	50.9	36.4	54.6
132	29.6	21.5	32.3





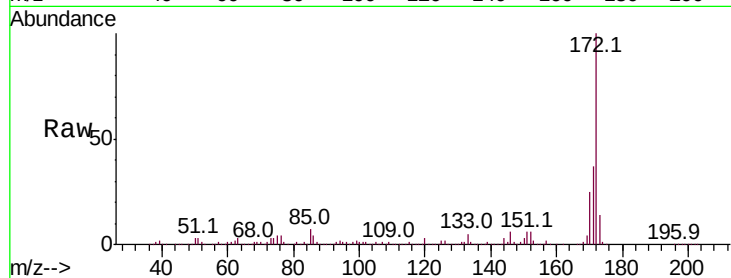
#45
2-Fluorobiphenyl
Concen: 75.385 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.8	20.2	30.4

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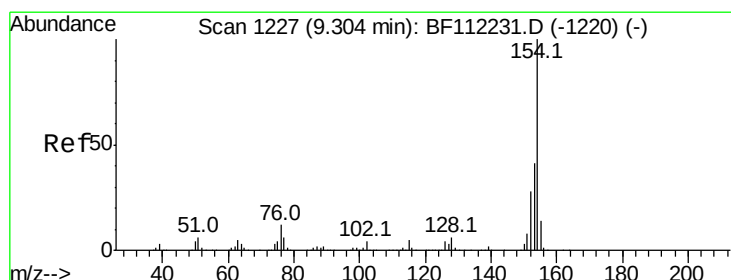
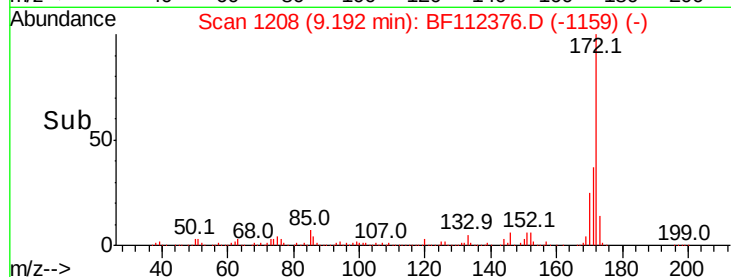
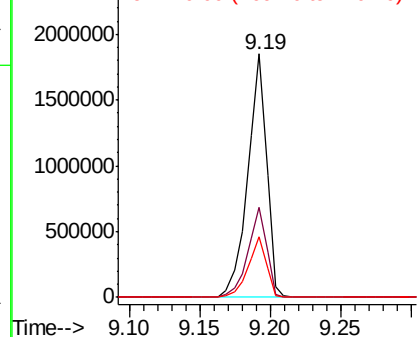


Abundance

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: 38.584 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

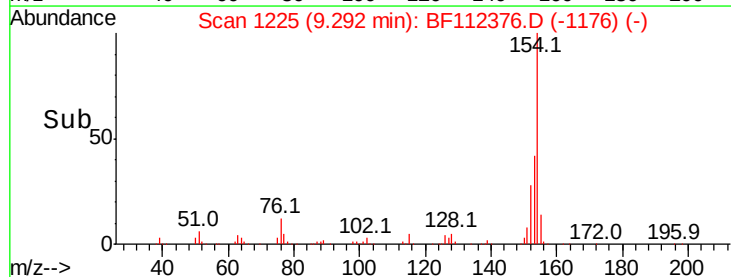
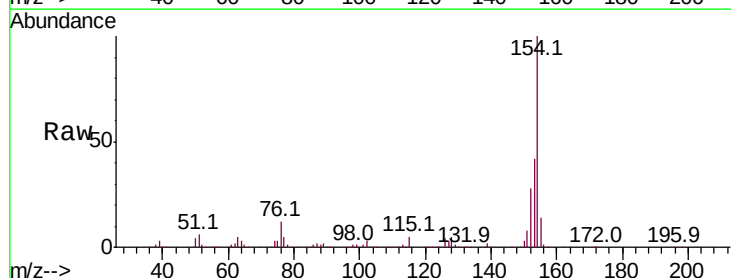
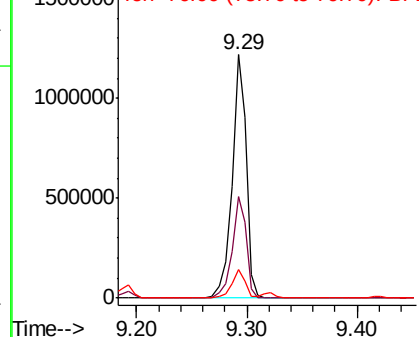
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.5	61.5
76	11.6	0.0	33.1

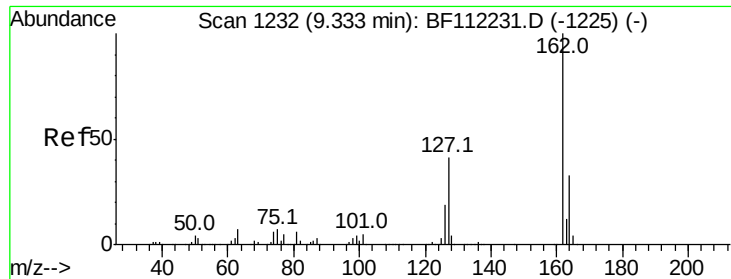
Abundance

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: 38.416 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF112376.D

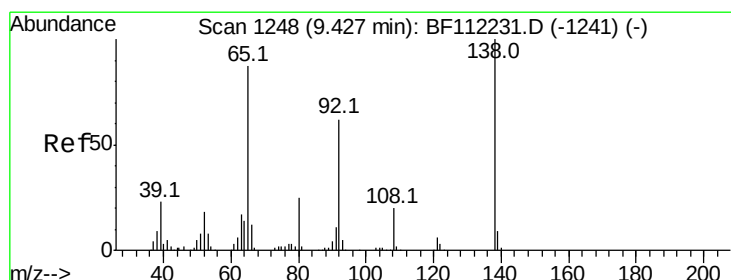
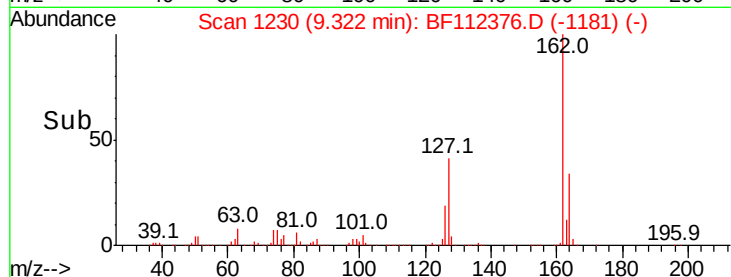
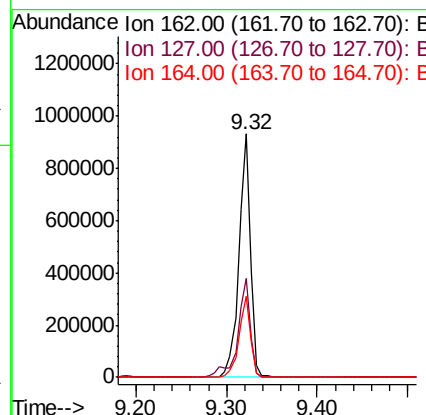
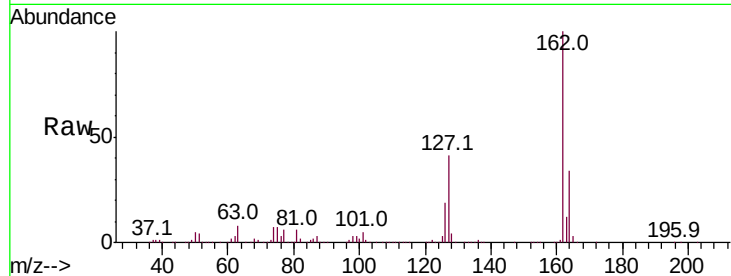
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	840570		
127	40.8		30.4	45.6
164	33.5		27.4	41.2

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#48

2-Nitroaniline

Concen: 40.388 ng

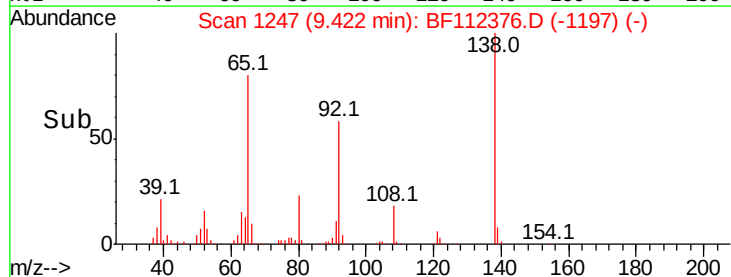
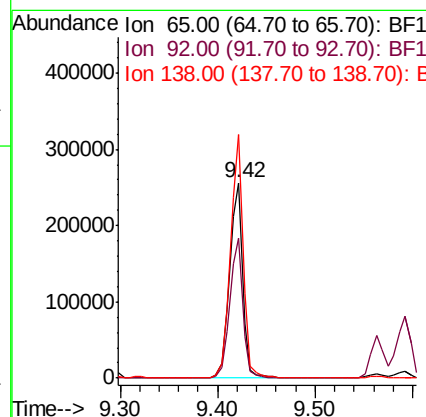
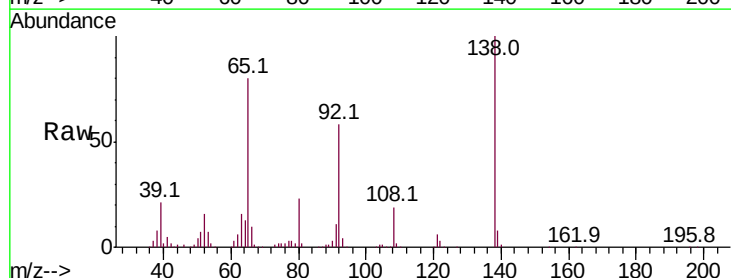
RT: 9.42 min Scan# 1247

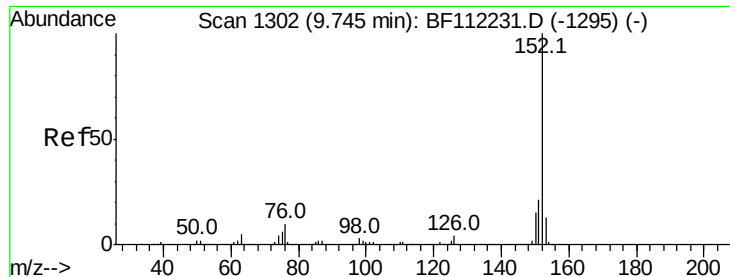
Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	240862		
92	71.7		60.4	90.6
138	124.7		104.4	156.6





#49

Acenaphthylene

Concen: 39.001 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1250793

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

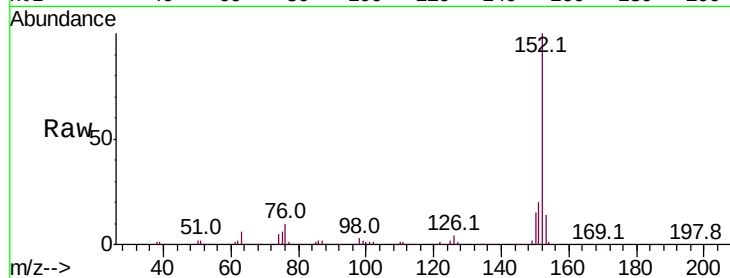
153 13.7 11.2 16.8

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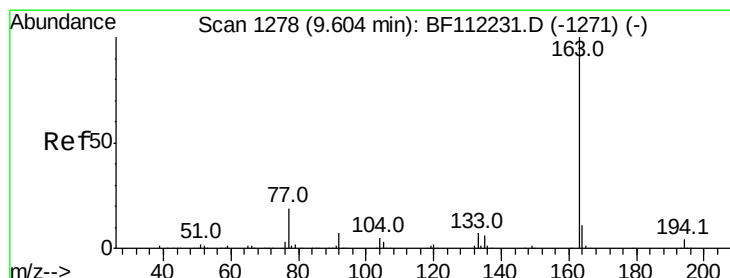
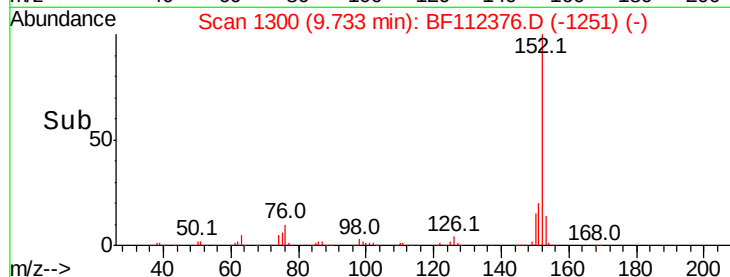
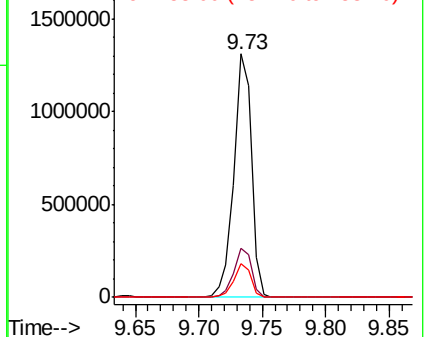
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.175 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

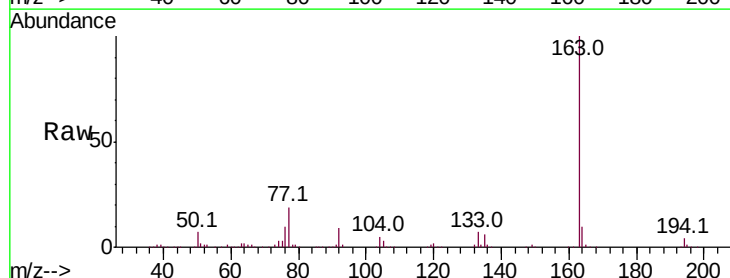
Tgt Ion:163 Resp: 982355

Ion Ratio Lower Upper

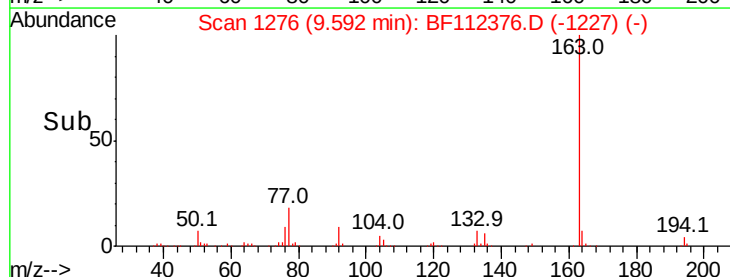
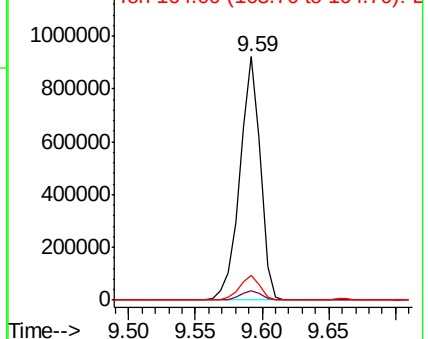
163 100

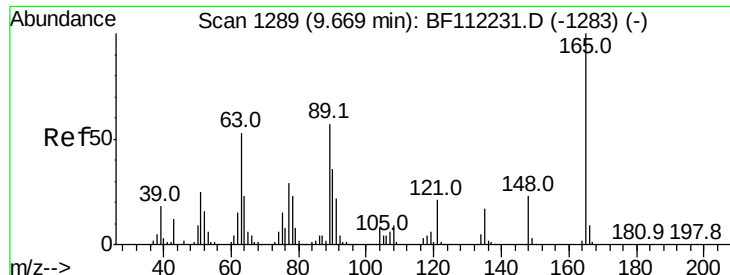
194 4.0 3.3 4.9

164 10.1 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





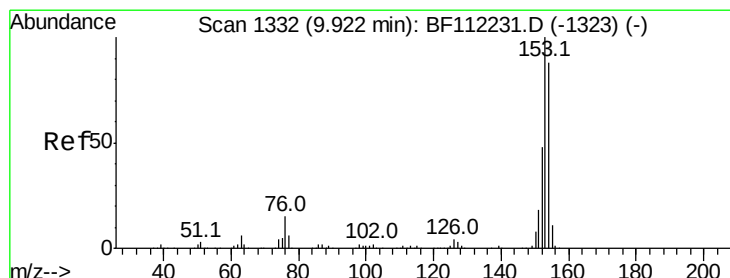
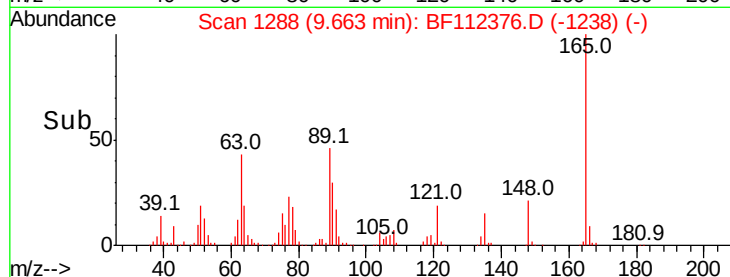
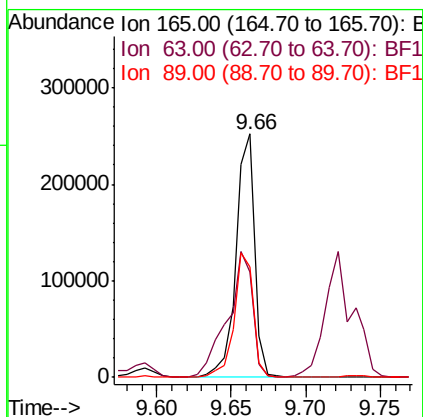
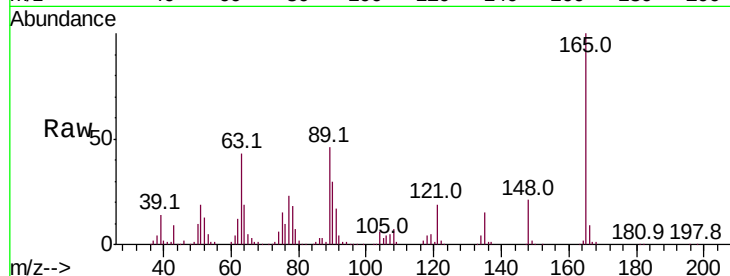
#51
 2,6-Dinitrotoluene
 Concen: 39.628 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	43.0	33.8	50.8
89	45.6	36.9	55.3

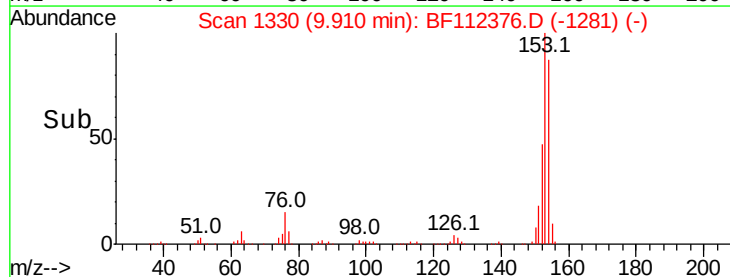
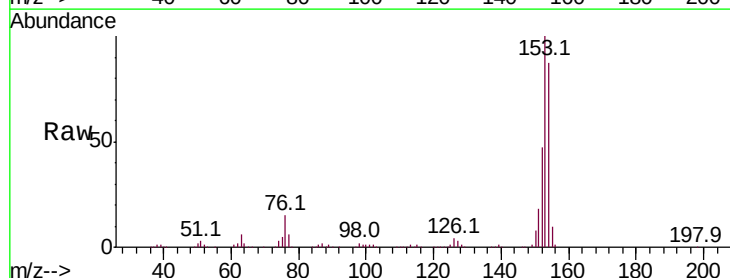
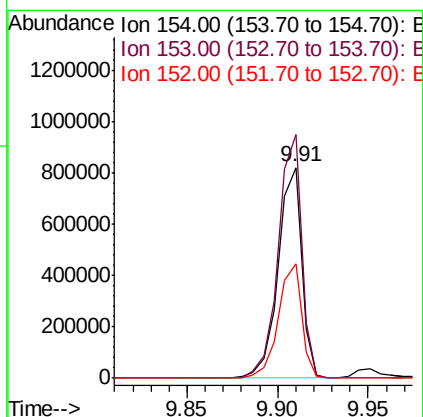
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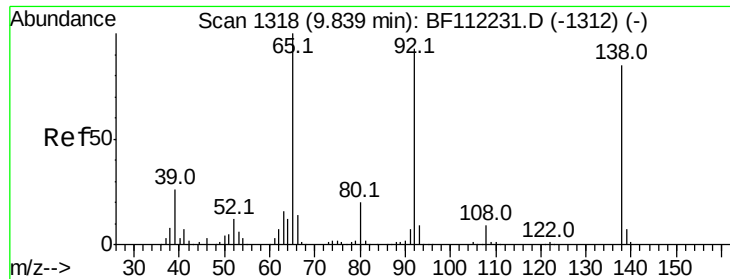
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#52
 Acenaphthene
 Concen: 38.933 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	115.4	89.8	134.6
152	54.1	43.5	65.3





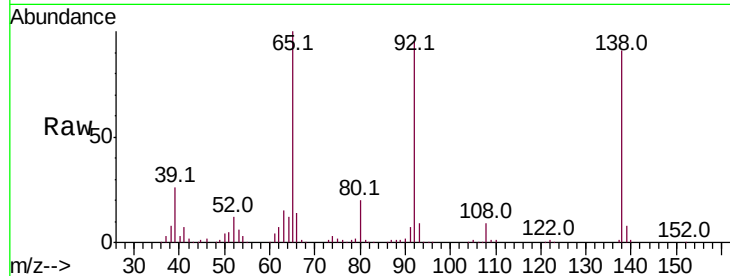
#53
3-Nitroaniline
Concen: 41.137 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.8	14.6
92	104.4	79.4	119.2

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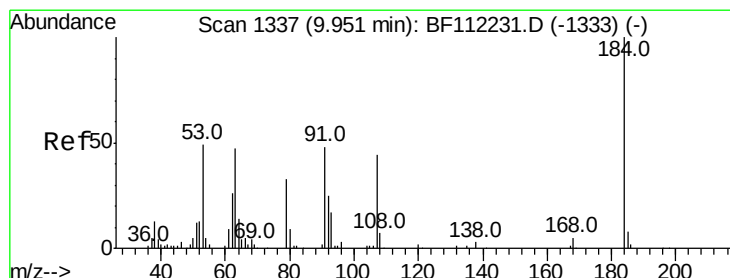
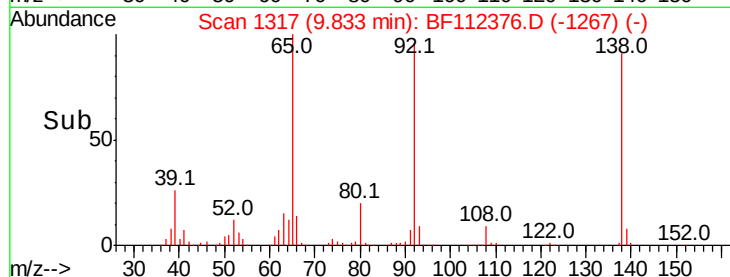
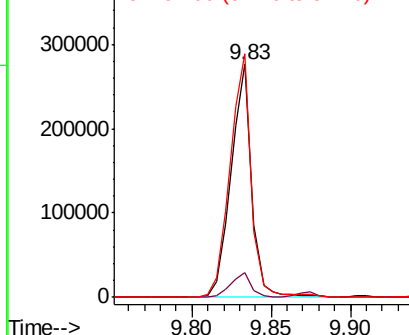


Abundance

Ion 138.00 (137.70 to 138.70): E

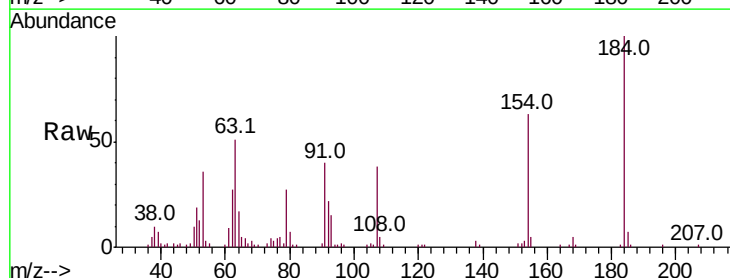
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 36.534 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.2	47.1	70.7
154	62.5	48.9	73.3

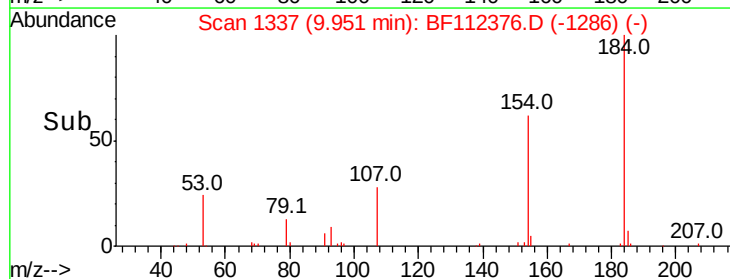
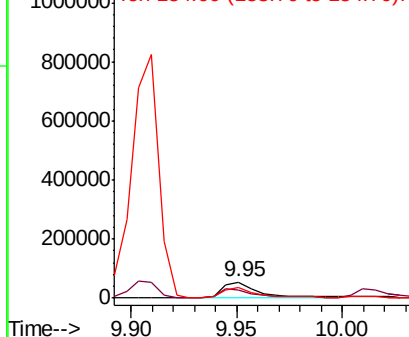


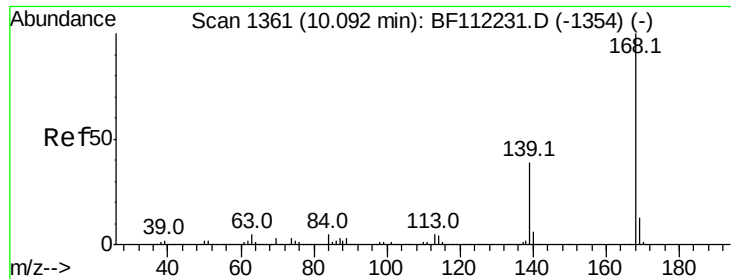
Abundance

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





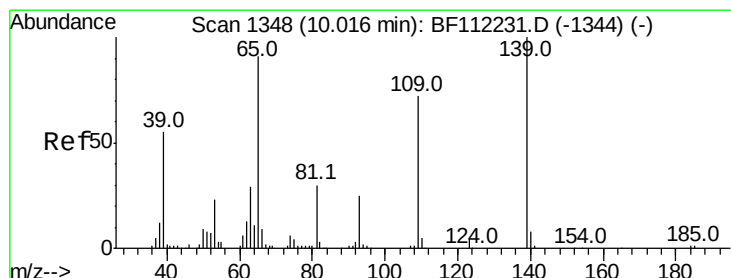
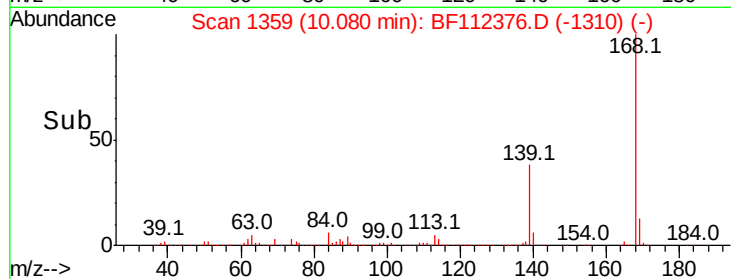
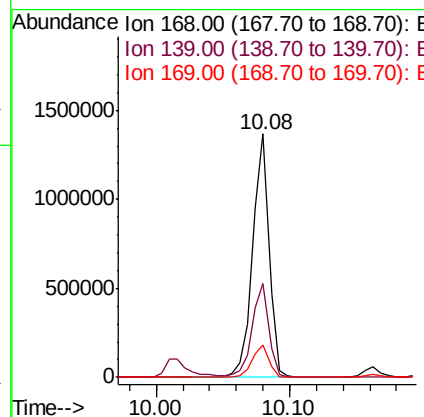
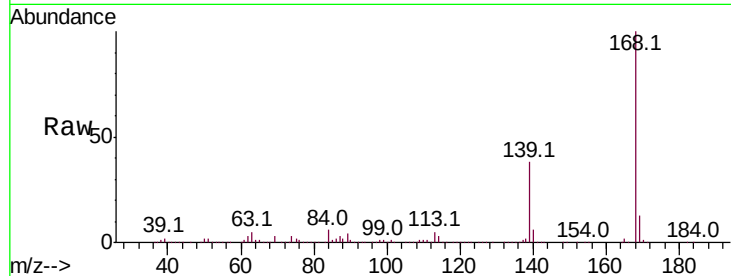
#55
Dibenzofuran
Concen: 39.263 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1149477
Ion Ratio Lower Upper
168 100
139 38.3 29.2 43.8
169 13.4 11.4 17.0

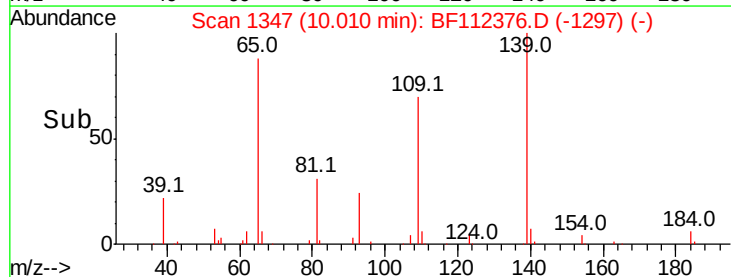
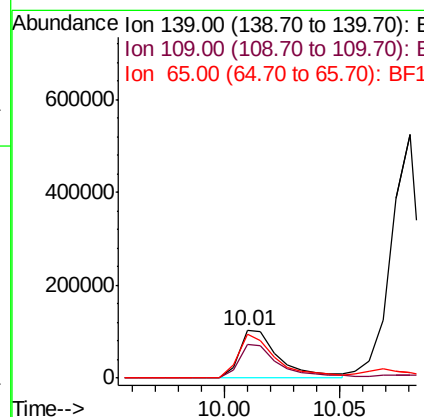
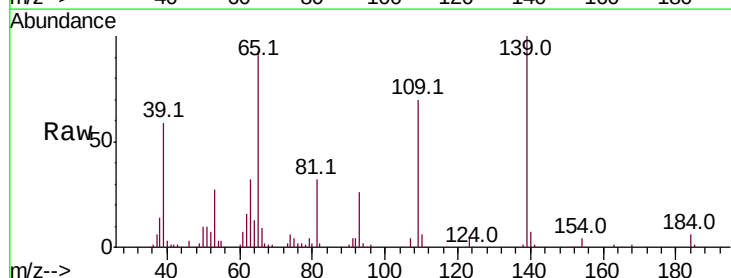
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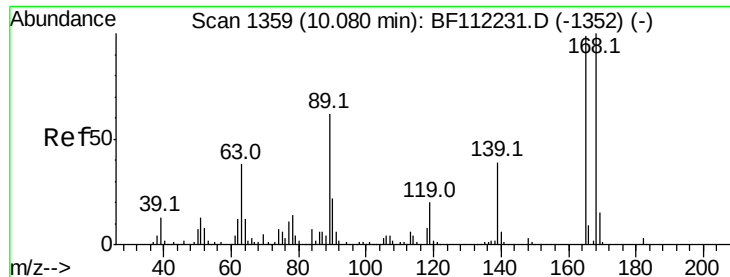
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#56
4-Nitrophenol
Concen: 39.579 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion:139 Resp: 127313
Ion Ratio Lower Upper
139 100
109 70.0 42.8 82.8
65 93.1 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 41.109 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

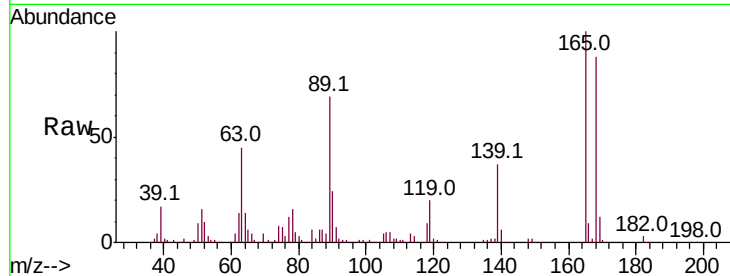
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.4	27.9	41.9	
89	69.1	47.9	71.9	
182	2.8	2.2	3.4	

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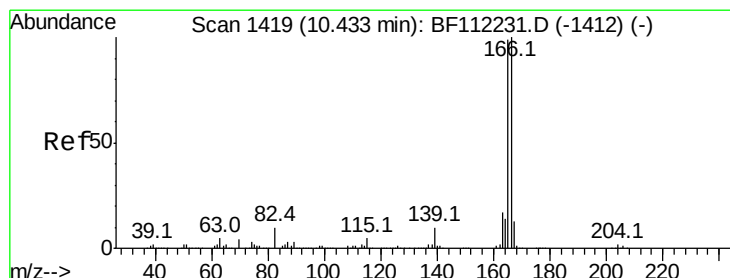
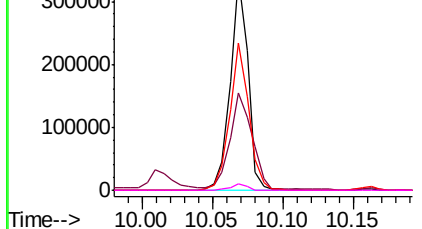
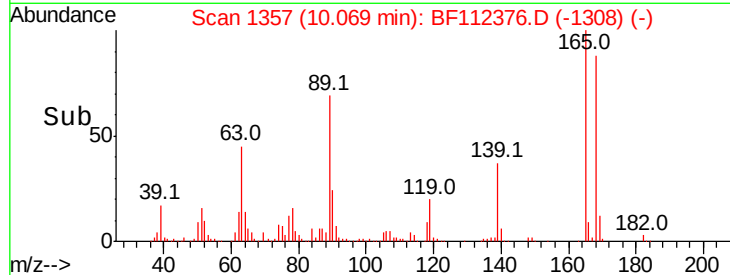


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.864 ng

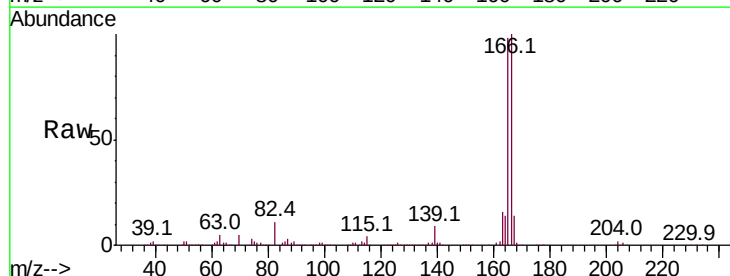
RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

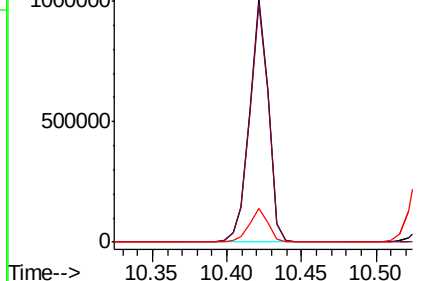
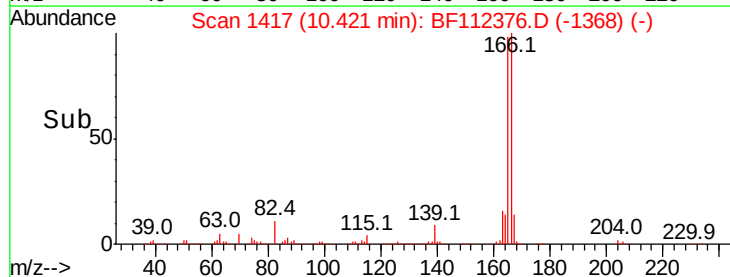
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	77.1	115.7	
167	13.8	11.3	16.9	

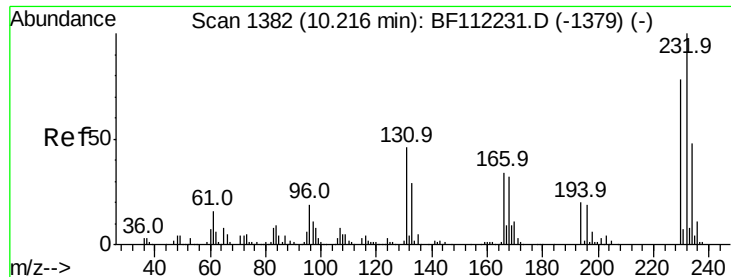


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





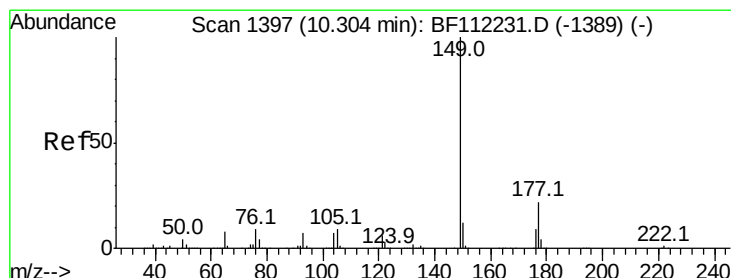
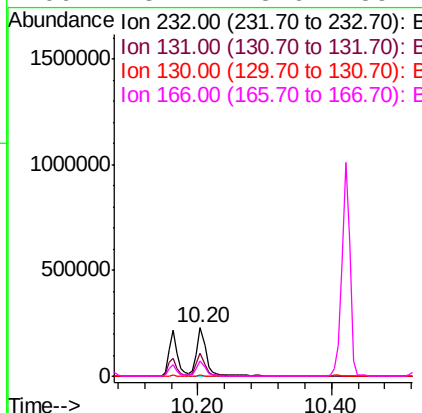
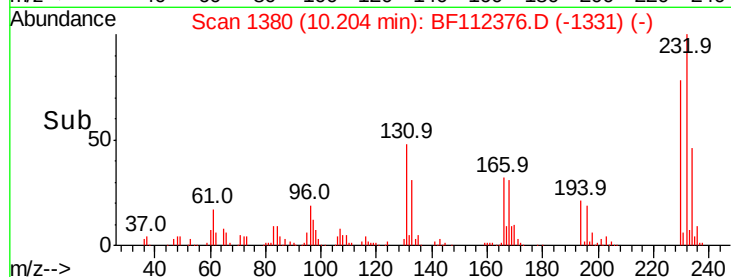
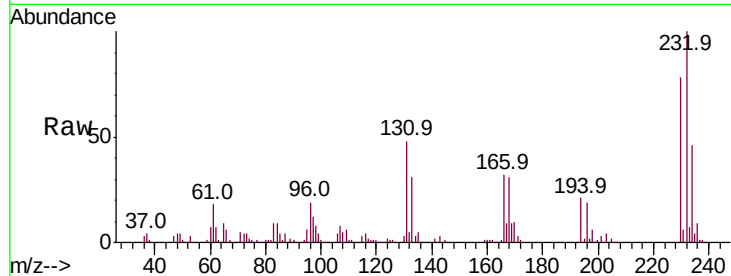
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.393 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	229030		
131	43.5		33.9	50.9
130	2.2		1.8	2.6
166	28.2		23.6	35.4

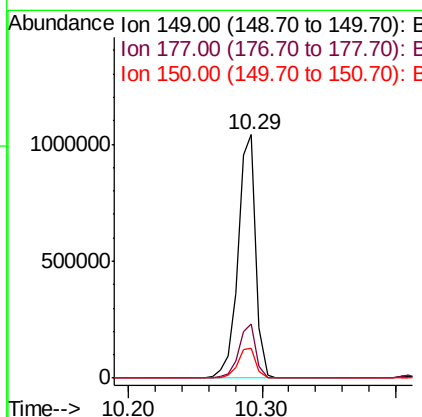
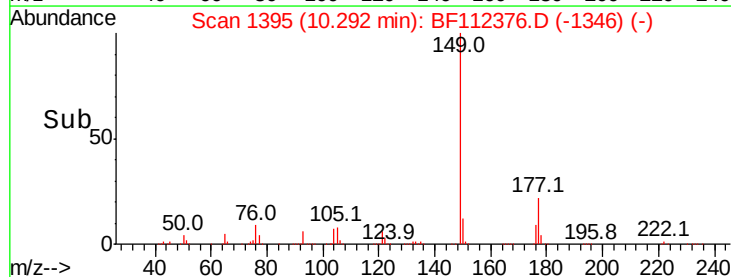
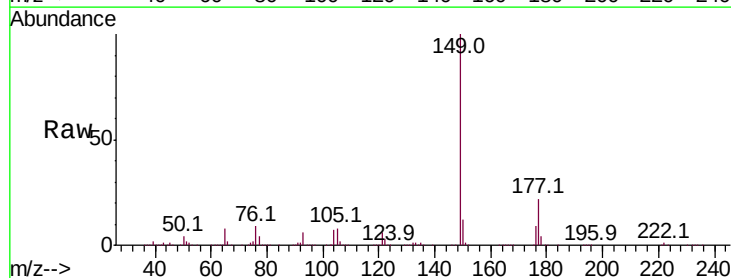
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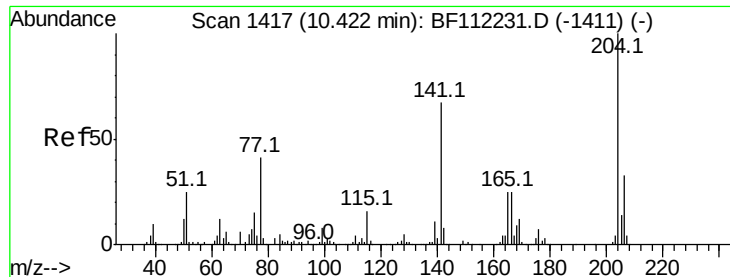
mohammad
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#60
 Diethylphthalate
 Concen: 38.819 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	966011		
177	22.4		18.2	27.2
150	12.2		10.4	15.6





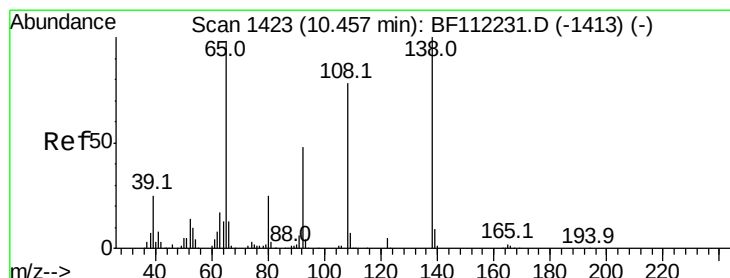
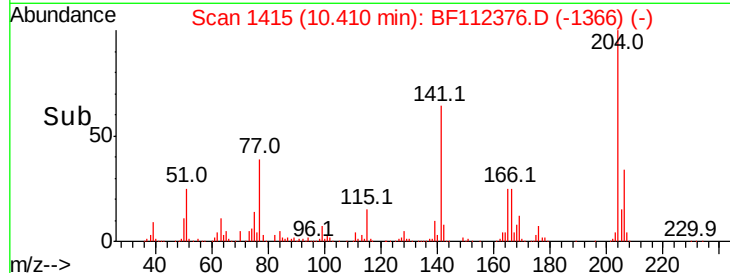
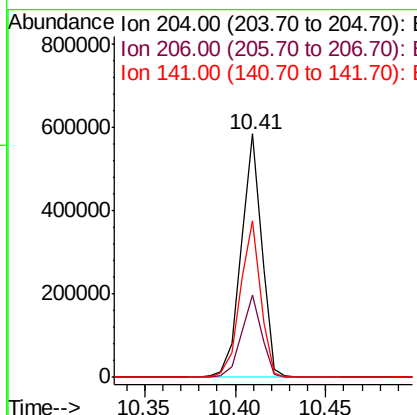
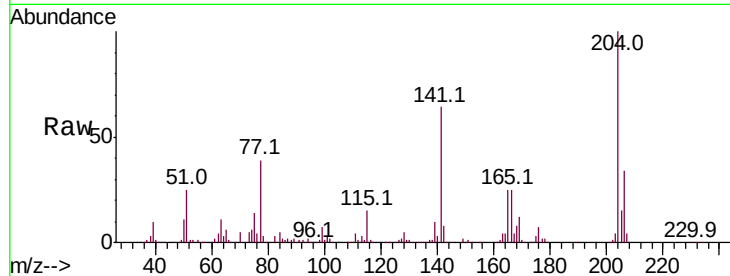
#61
 4-Chlorophenyl-phenylether
 Concen: 38.693 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	461127
Ion Ratio	Lower	Upper	
204	100		
206	33.8	26.5	39.7
141	64.1	45.9	68.9

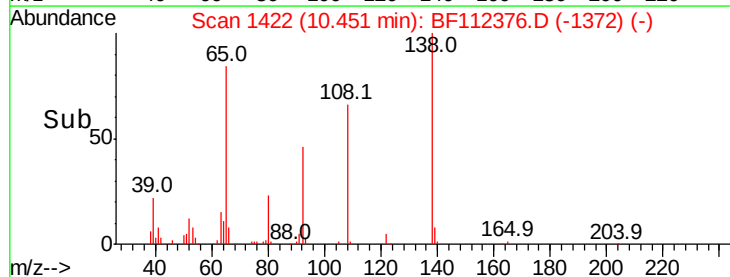
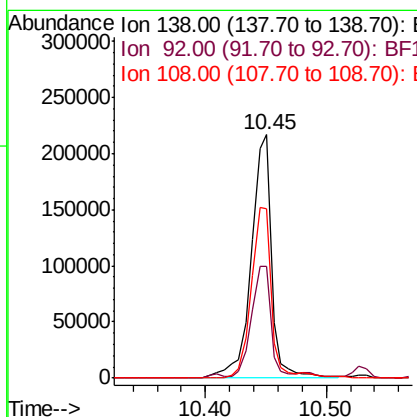
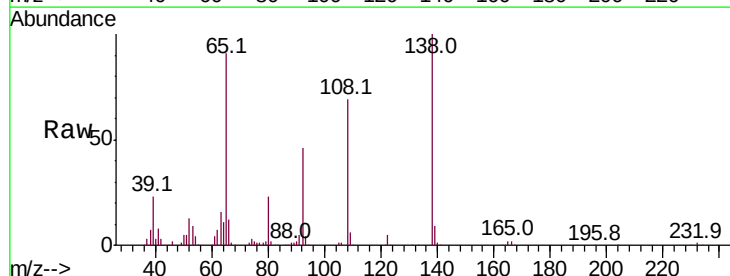
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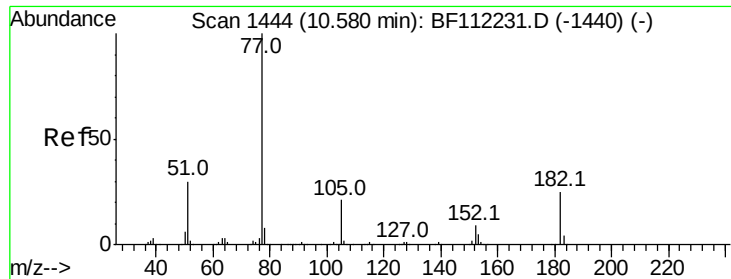
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#62
 4-Nitroaniline
 Concen: 43.200 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion:	138	Resp:	257808
Ion Ratio	Lower	Upper	
138	100		
92	45.8	30.6	70.6
108	69.4	50.0	90.0





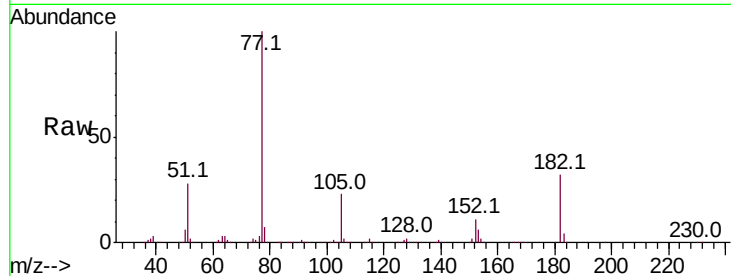
#63
Azobenzene
Concen: 39.356 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

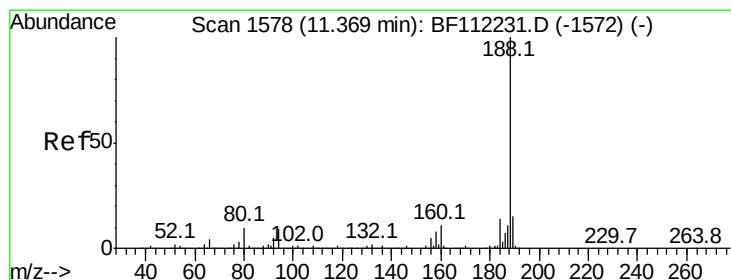
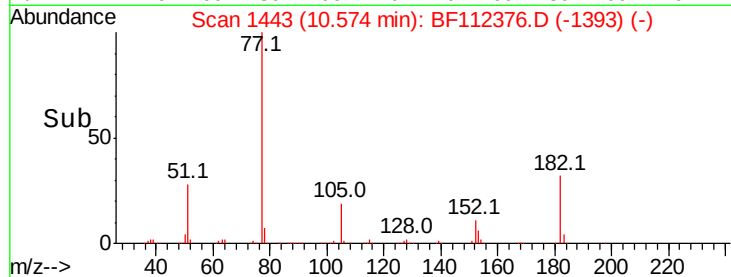
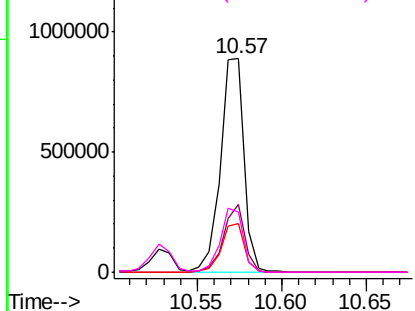
Tot Ion	Ratio	Lower	Upper
77	100		
182	31.7	5.7	45.7
105	22.5	1.4	41.4
51	28.1	9.5	49.5

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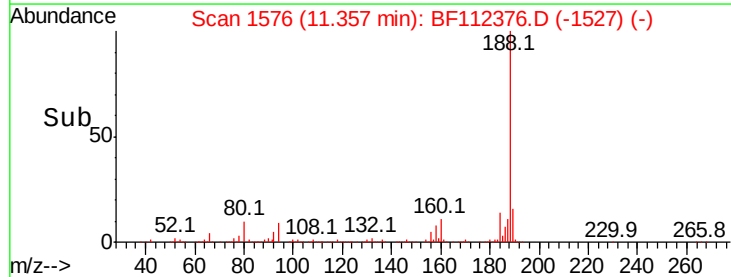
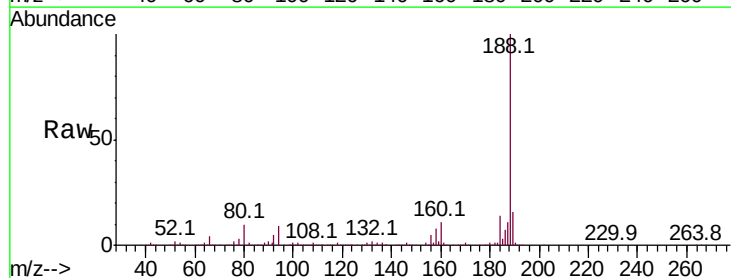
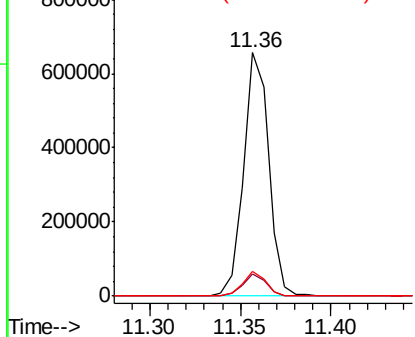
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

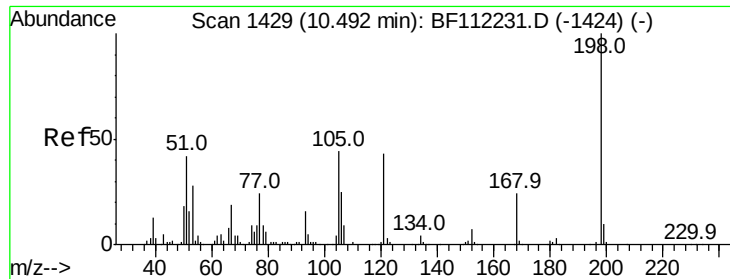


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.2	8.9	13.3

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





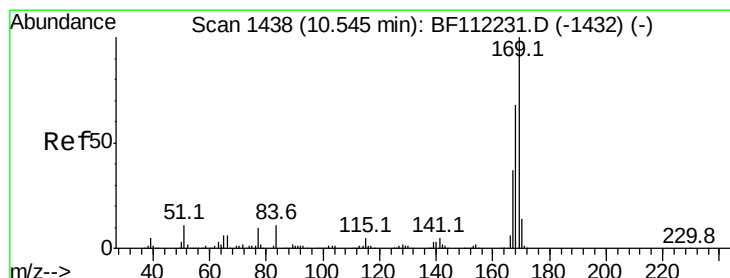
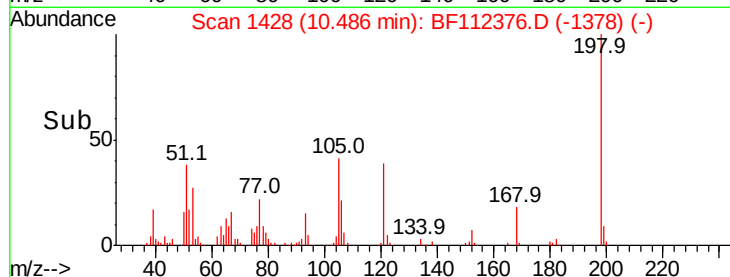
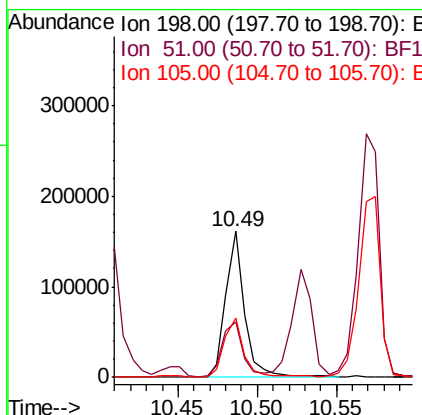
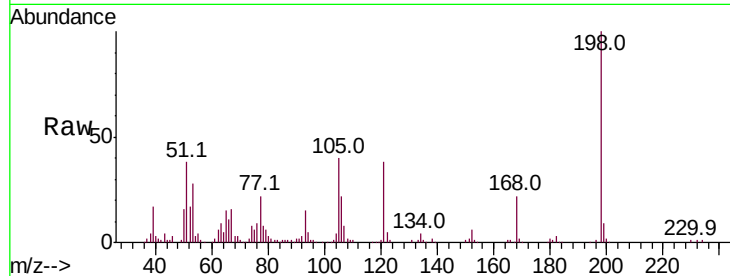
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.062 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.2	17.2	57.2
105	40.4	21.9	61.9

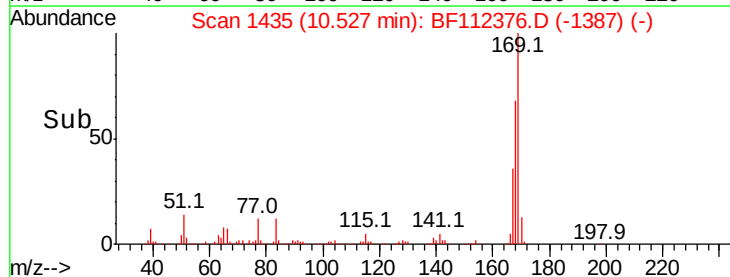
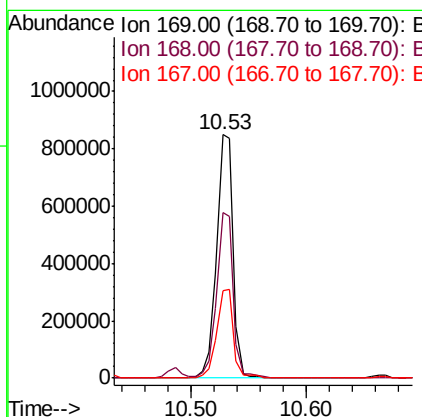
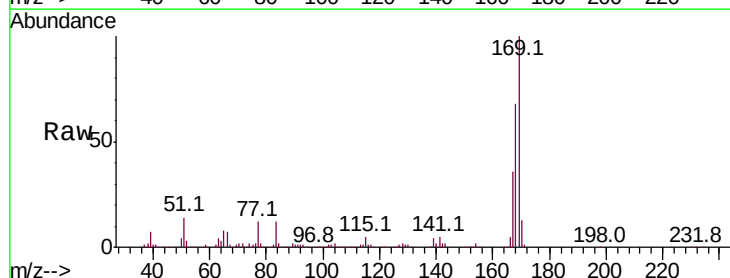
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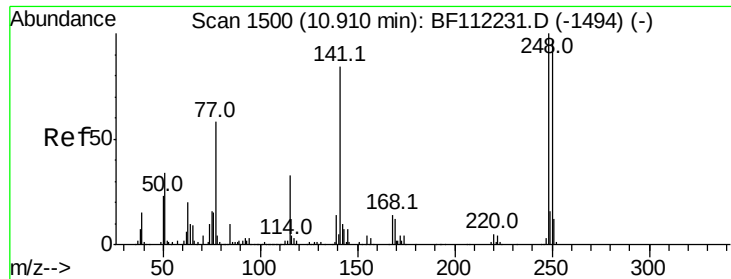
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#66
 n-Nitrosodiphenylamine
 Concen: 39.400 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.9	80.9
167	36.0	28.9	43.3





#67

4-Bromophenyl-phenylether

Concen: 38.749 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BF112376.D

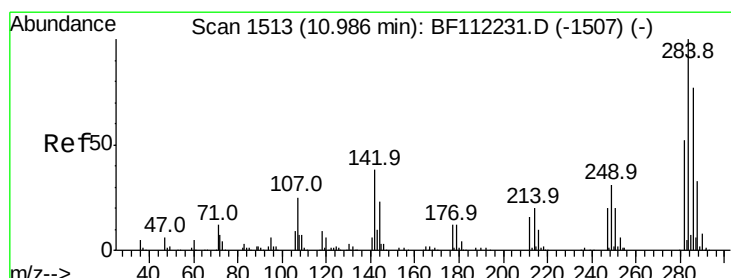
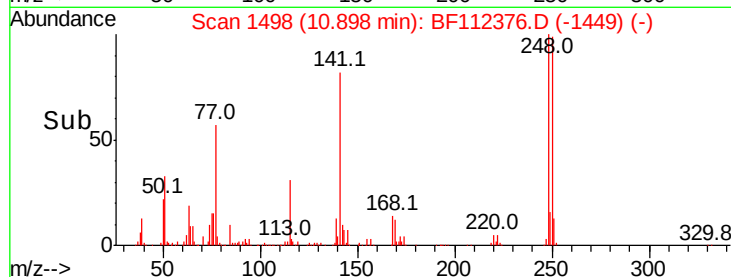
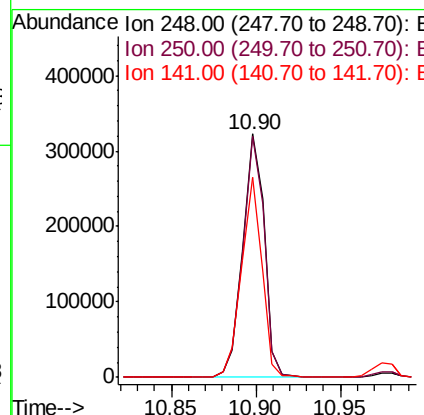
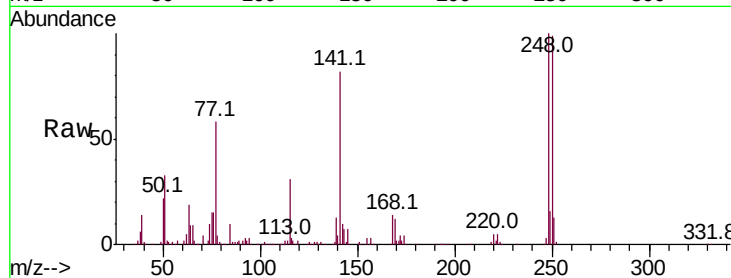
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.7	119.5
141	82.1	60.3	90.5

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#68

Hexachlorobenzene

Concen: 39.519 ng

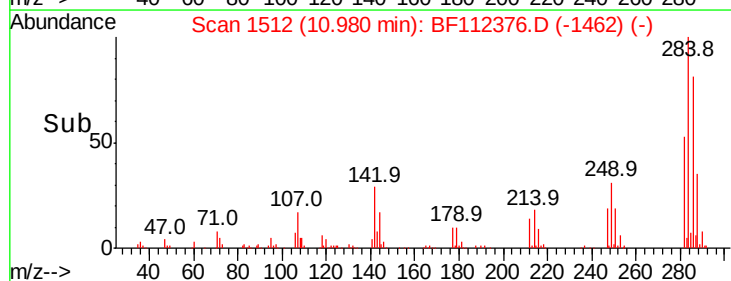
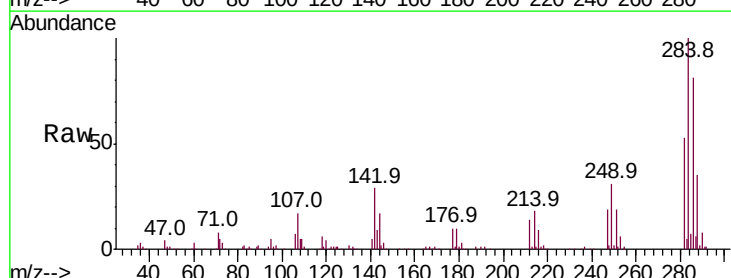
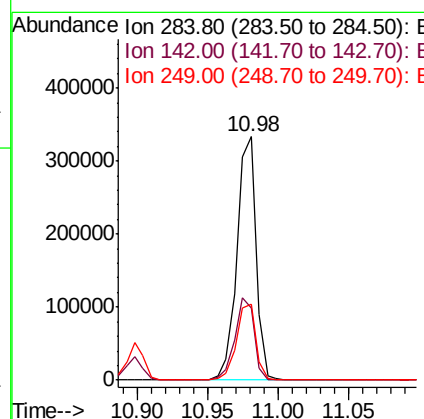
RT: 10.98 min Scan# 1512

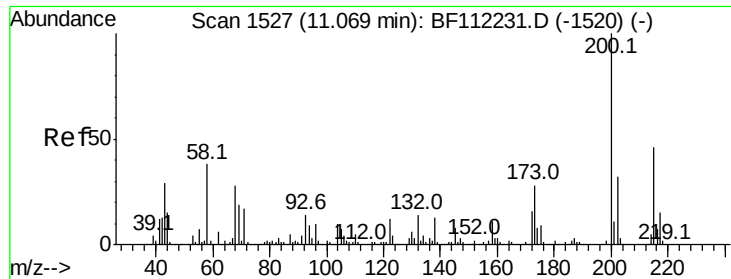
Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	27.6	41.4
249	31.0	24.1	36.1





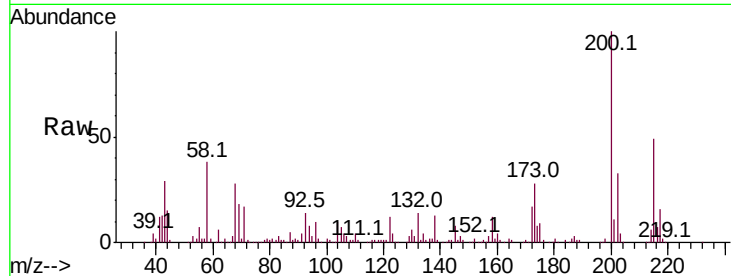
#69
Atrazine
Concen: 36.133 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.1	47.1
215	49.2	30.4	70.4

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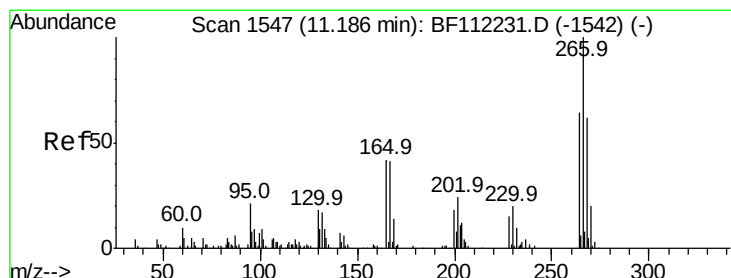
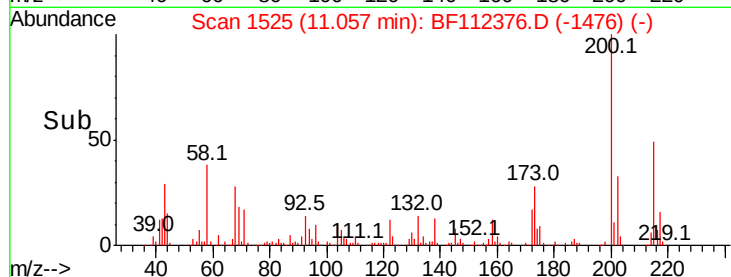
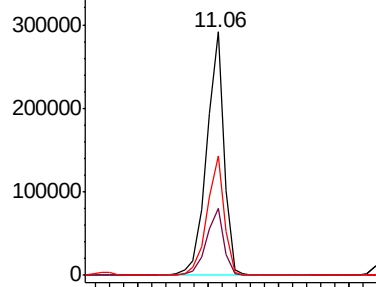


Abundance

Ion 200.00 (199.70 to 200.70): E

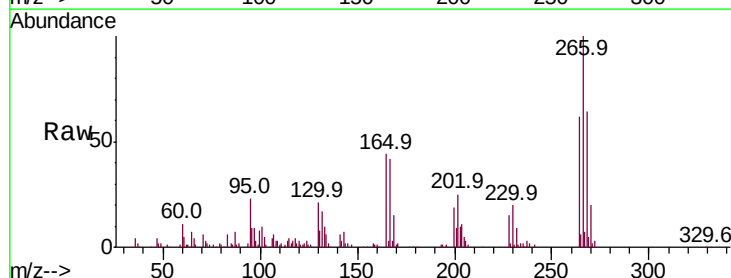
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 40.414 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.2	76.8
264	62.2	50.9	76.3

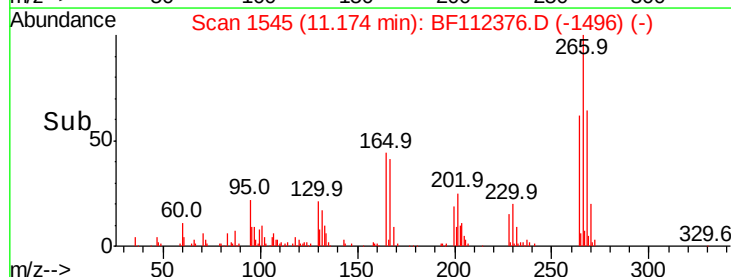
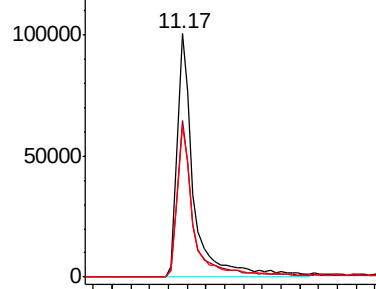


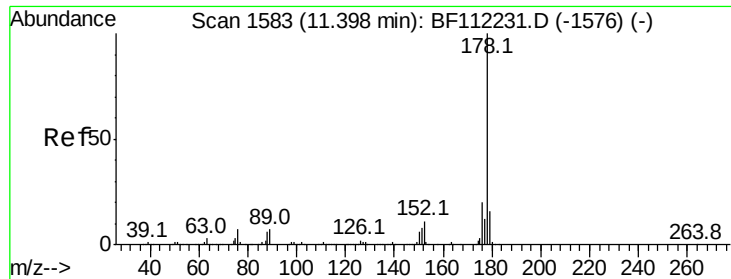
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.378 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1293930

Ion Ratio Lower Upper

178 100

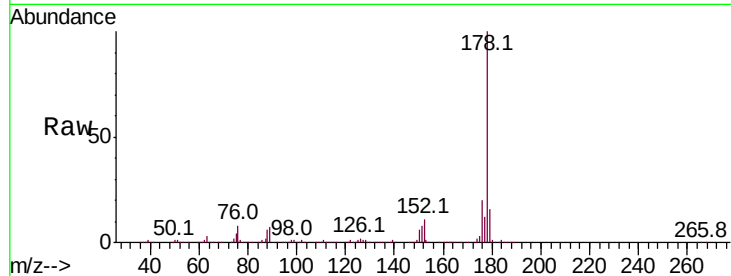
176 20.2 16.3 24.5

179 16.0 13.0 19.4

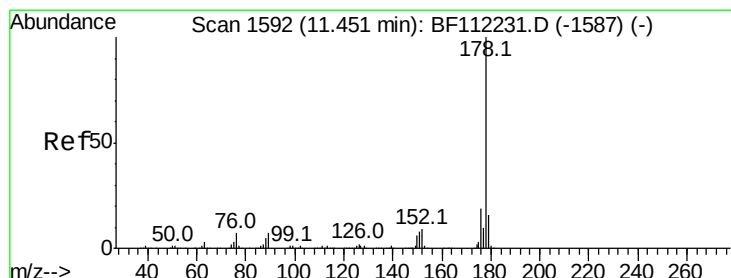
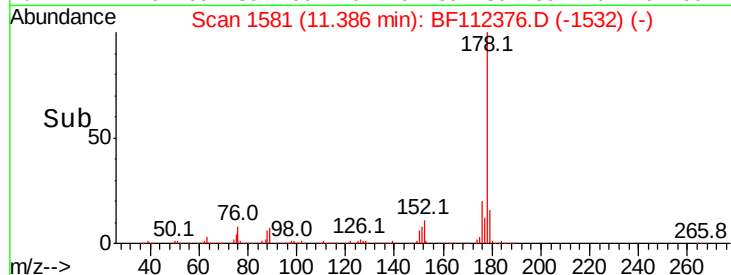
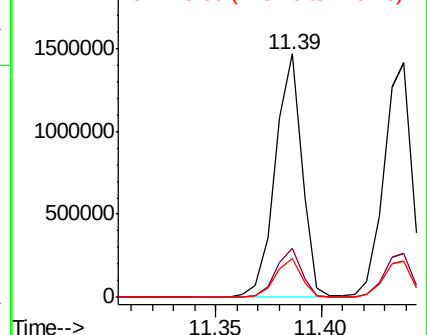
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Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.634 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion:178 Resp: 1330014

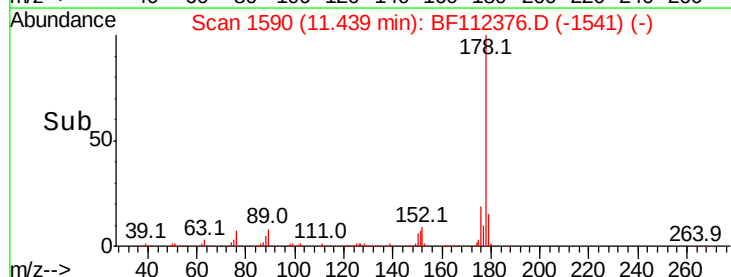
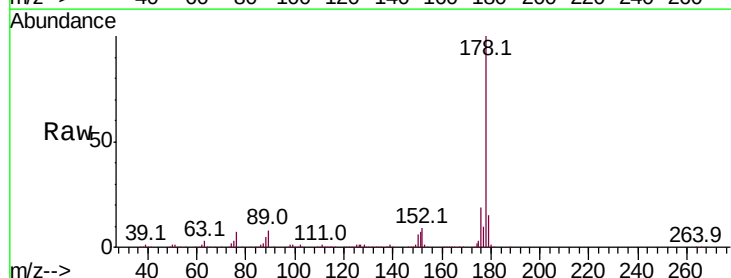
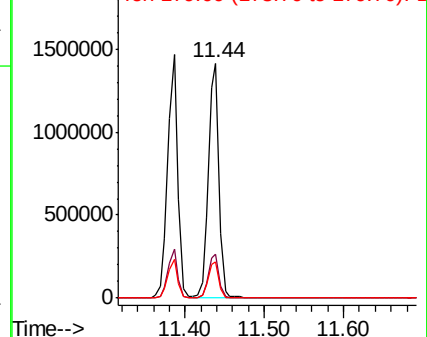
Ion Ratio Lower Upper

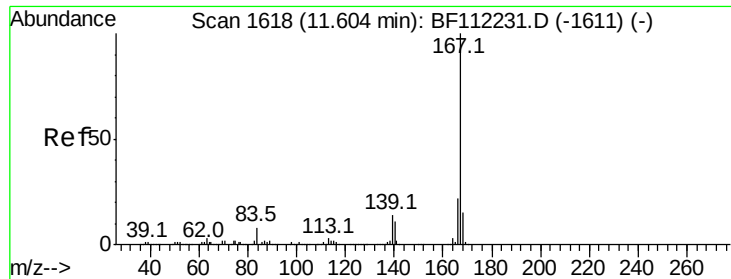
178 100

176 18.9 15.5 23.3

179 15.3 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





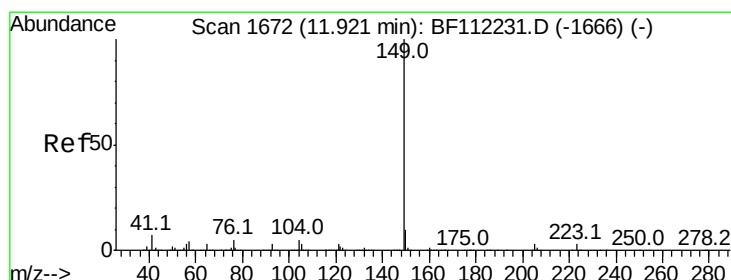
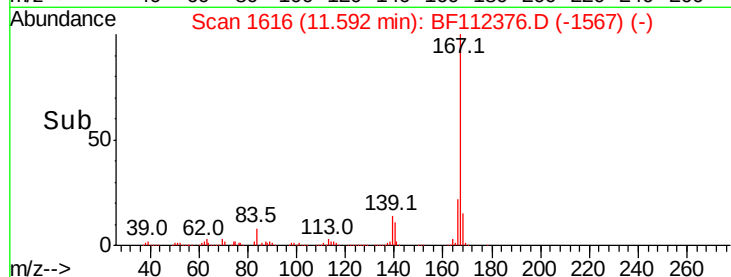
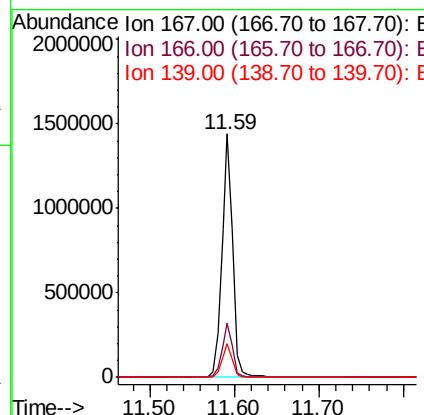
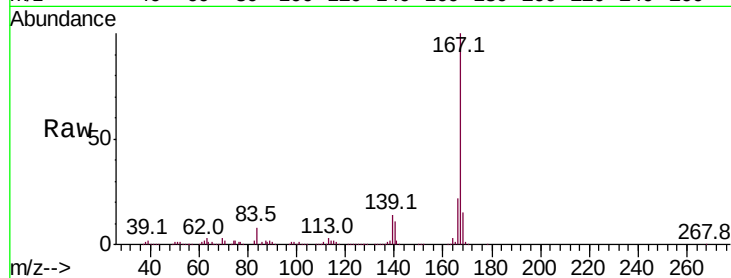
#73
 Carbazole
 Concen: 40.820 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	14.0	10.2	15.2

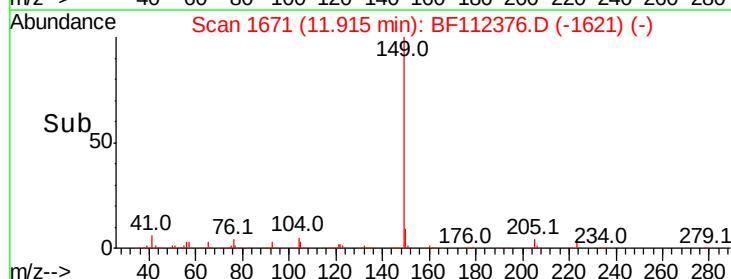
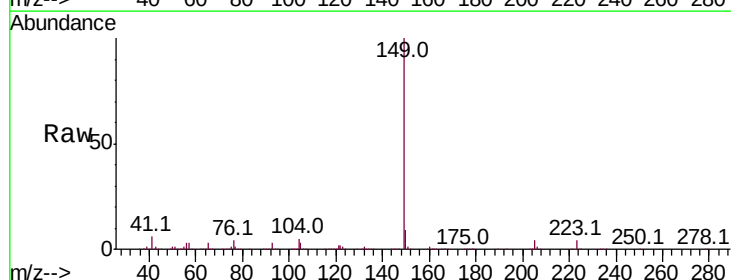
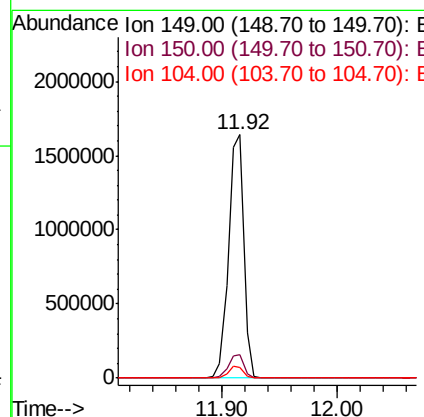
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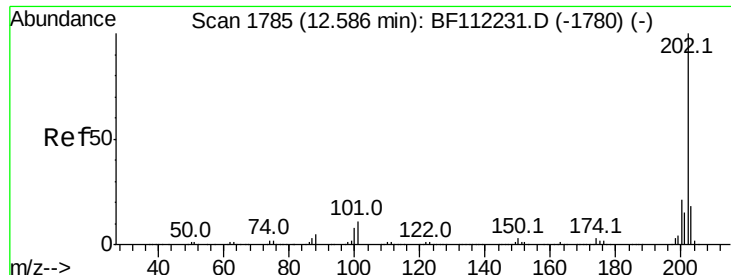
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.622 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	4.5	3.9	5.9





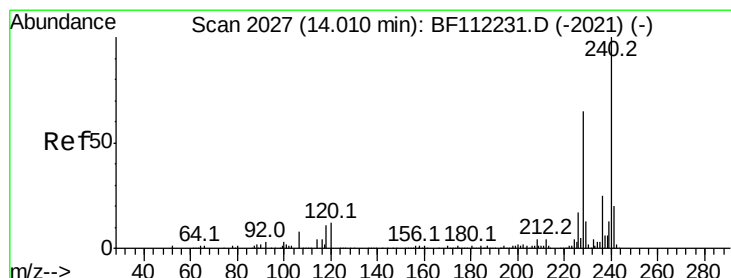
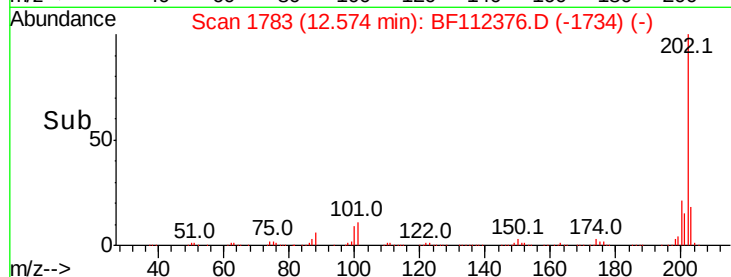
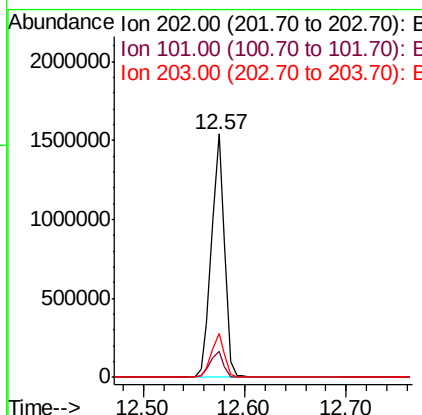
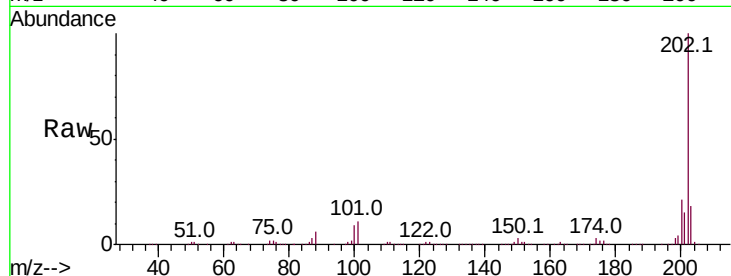
#75
 Fluoranthene
 Concen: 39.353 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.9	0.0	31.8	
203	18.2	0.0	38.4	

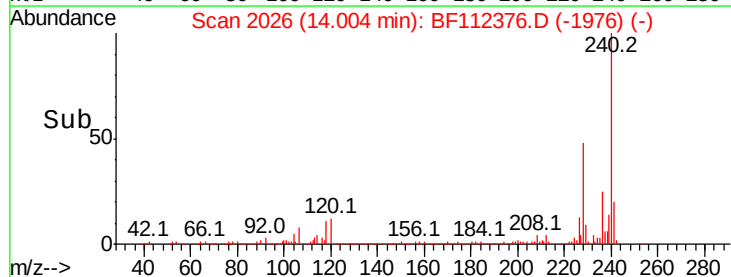
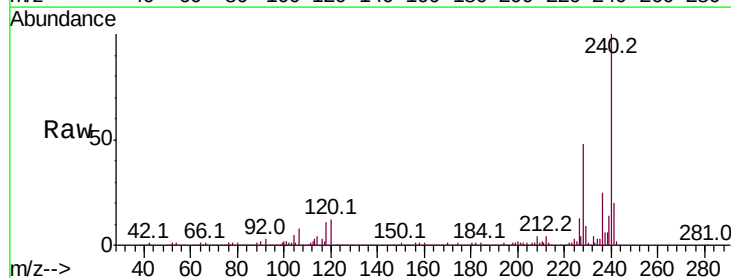
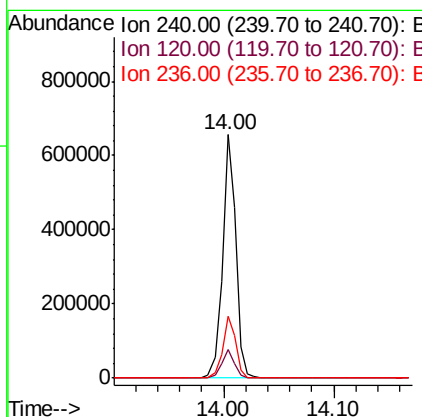
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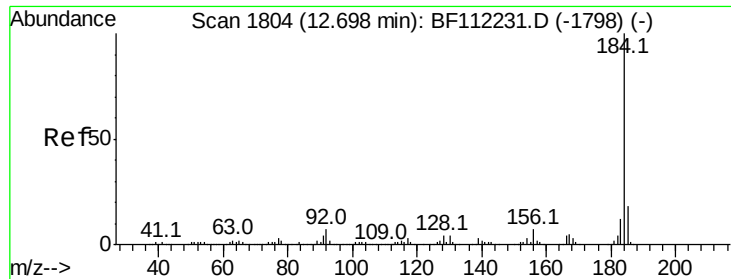
mohammad
 2/5/2019 8:42:41 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.9	9.0	13.6	
236	25.2	20.7	31.1	





#77

Benzidine

Concen: 35.883 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

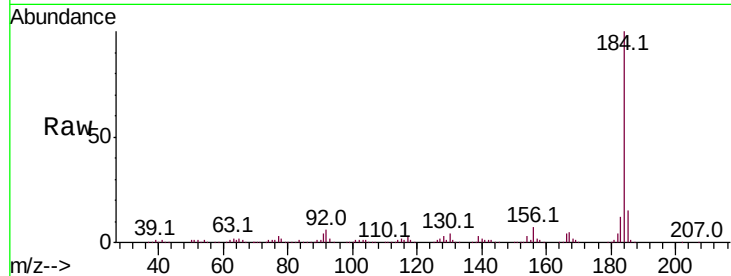
ClientSampleId :

SSTDCCC040

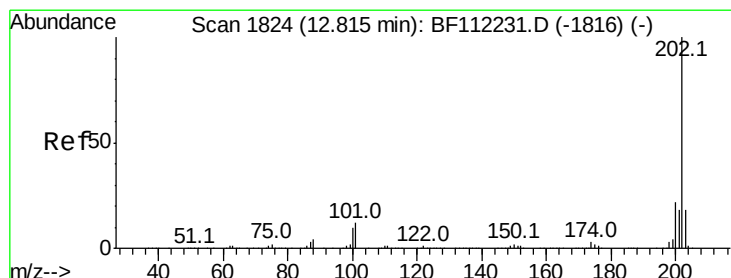
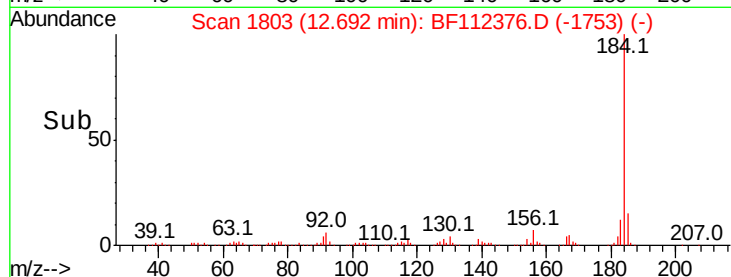
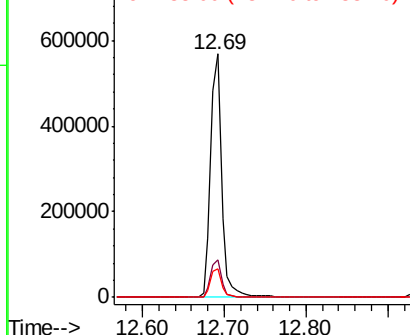
Tot Ion:	184	Resp:	539316
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.9	20.9
183	11.8	10.0	15.0

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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: 37.810 ng

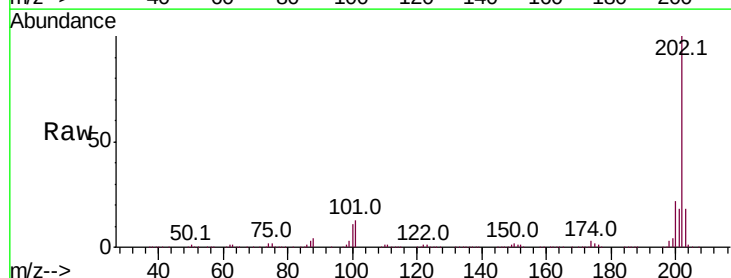
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

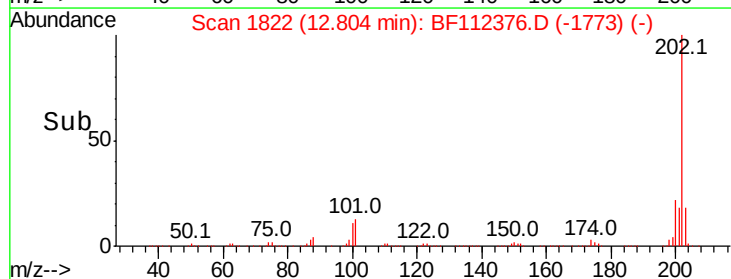
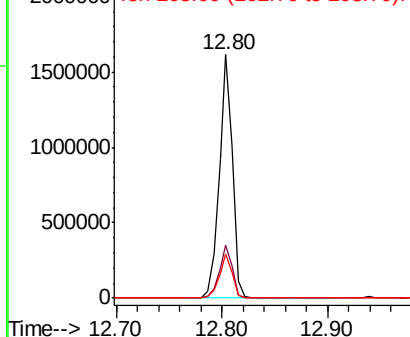
Lab File: BF112376.D

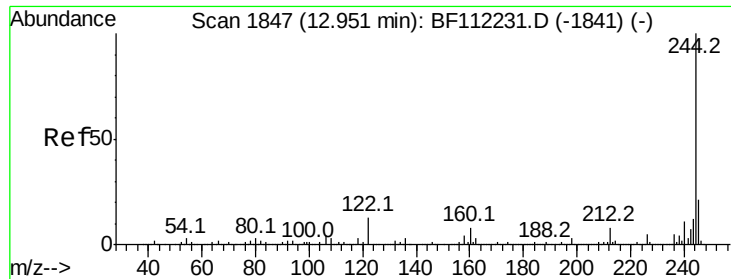
Acq: 4 Feb 2019 13:24

Tgt Ion:	202	Resp:	1429485
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.7	26.5
203	18.0	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





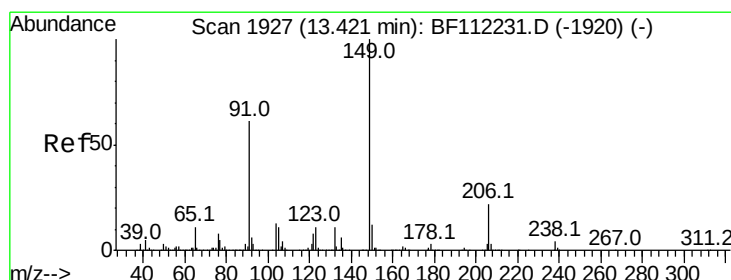
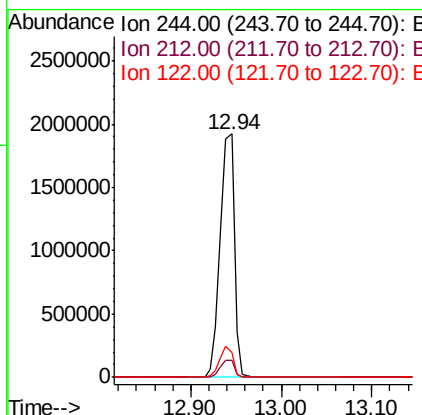
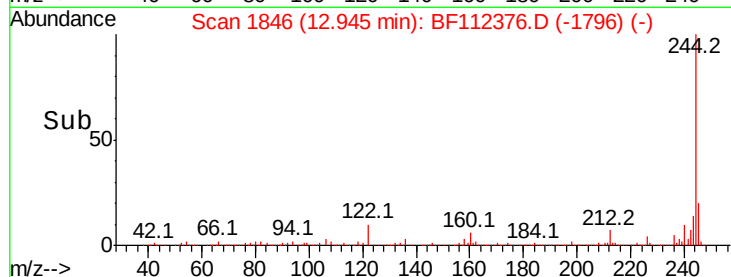
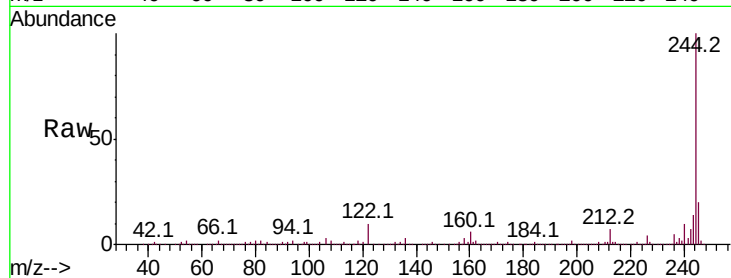
#79
 Terphenyl-d14
 Concen: 71.364 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	10.0	9.8	14.6

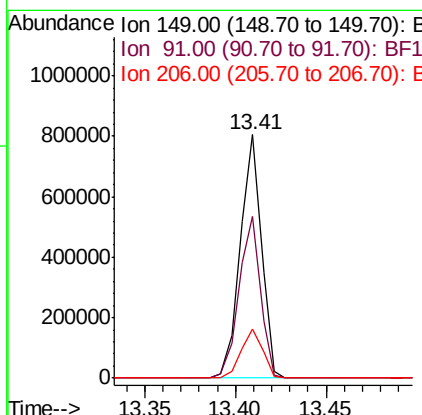
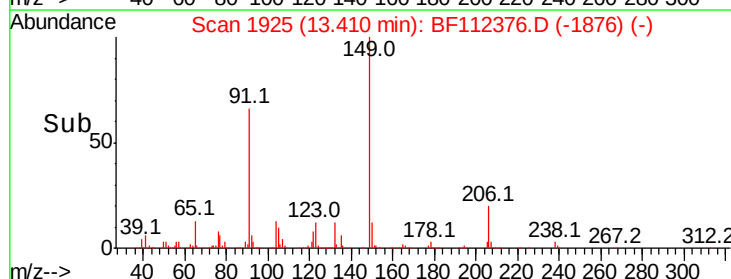
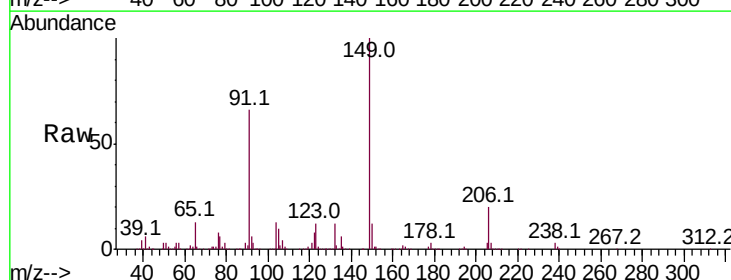
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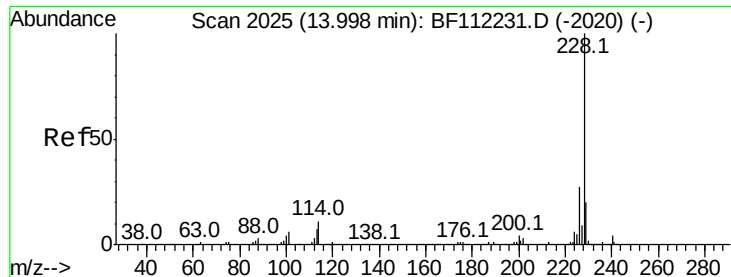
mohammad
 2/5/2019 8:42:41 AM



#80
 Butylbenzylphthalate
 Concen: 35.880 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.2	50.3	75.5
206	20.3	18.2	27.4





#81

Benzo(a)anthracene

Concen: 39.350 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Instrument :

BNA_F

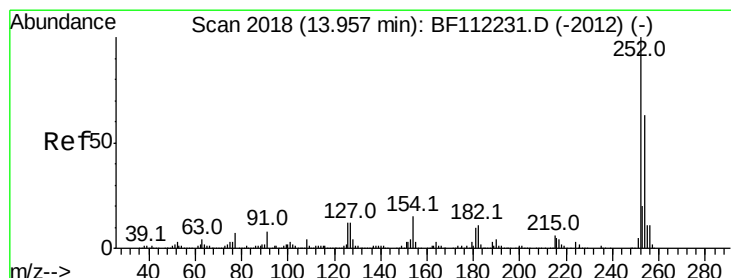
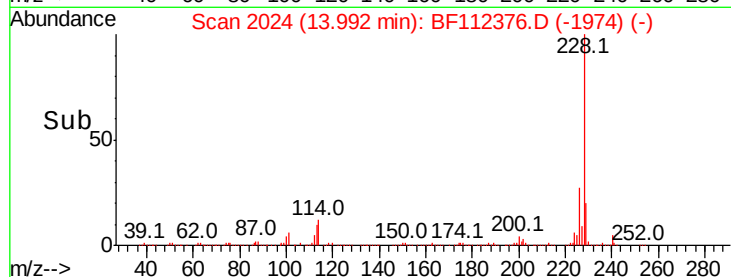
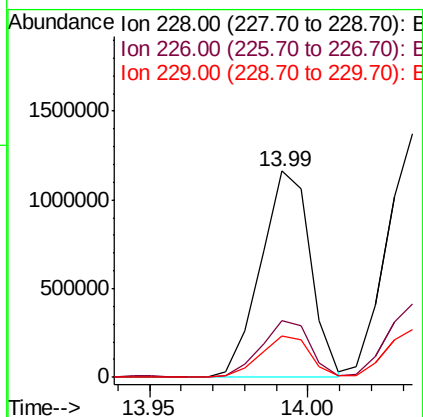
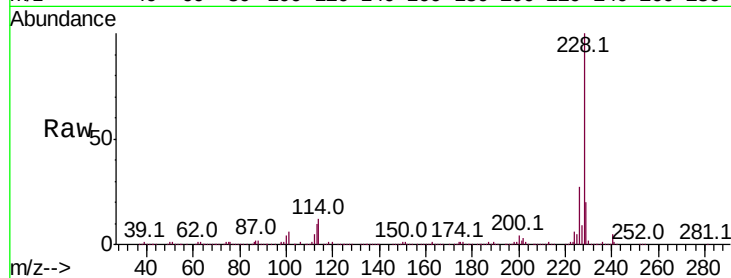
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	1263172
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.8	16.5	24.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 40.585 ng

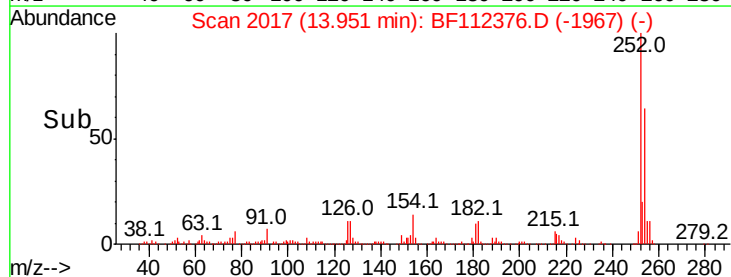
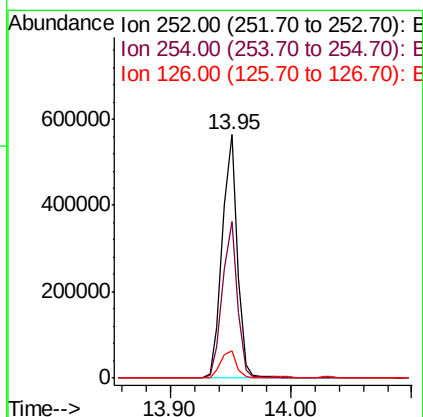
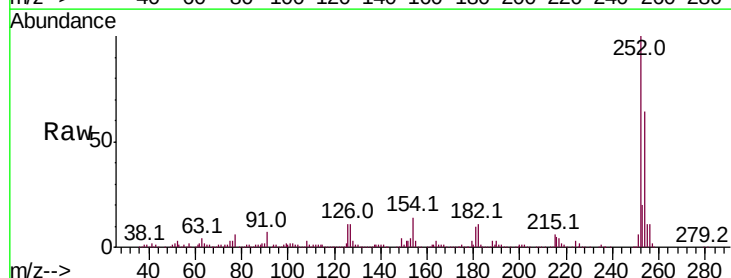
RT: 13.95 min Scan# 2017

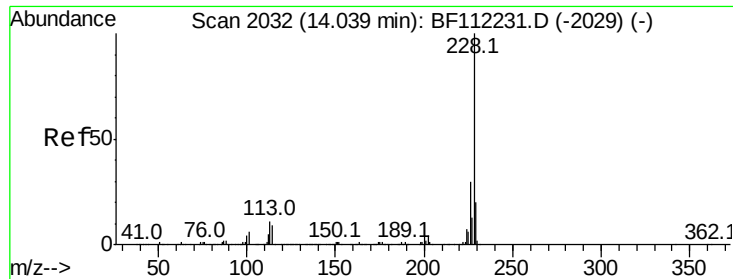
Delta R.T. -0.01 min

Lab File: BF112376.D

Acq: 4 Feb 2019 13:24

Tgt Ion:	252	Resp:	487579
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.6	77.4
126	11.3	8.6	12.8





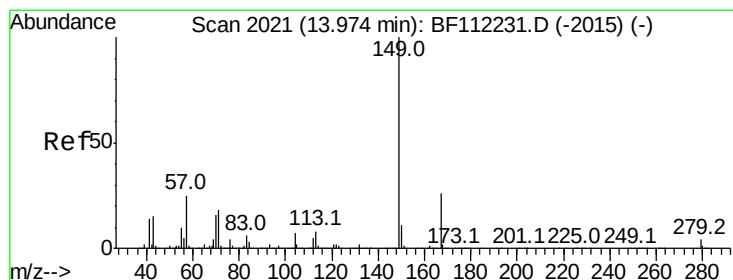
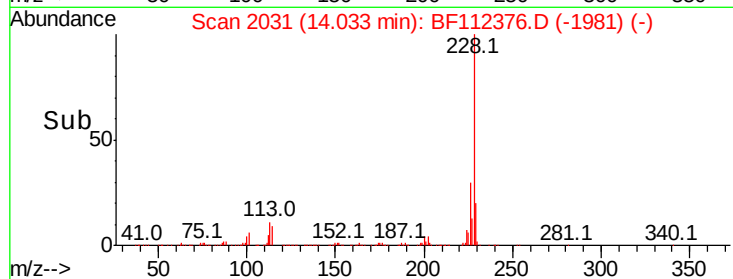
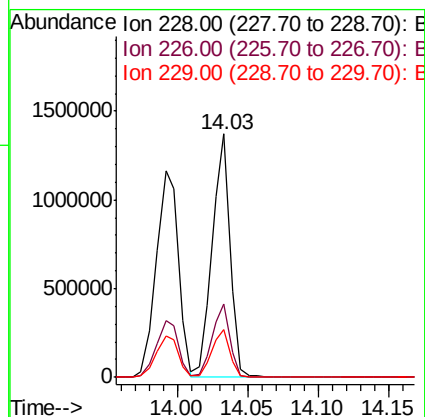
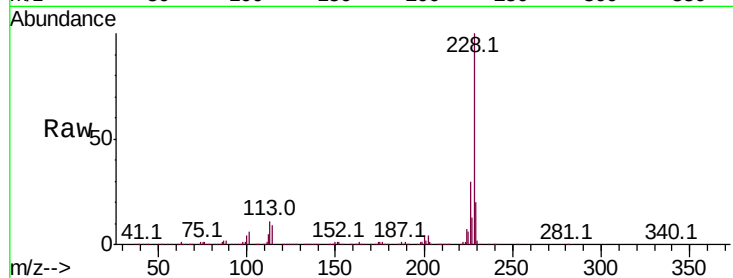
#83
 Chrysene
 Concen: 39.416 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.8	16.6	24.8

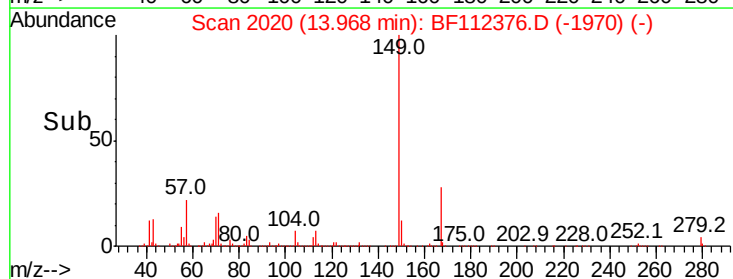
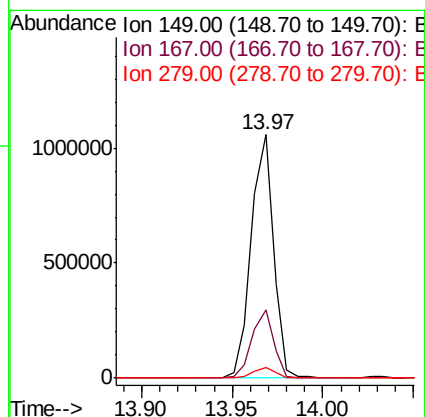
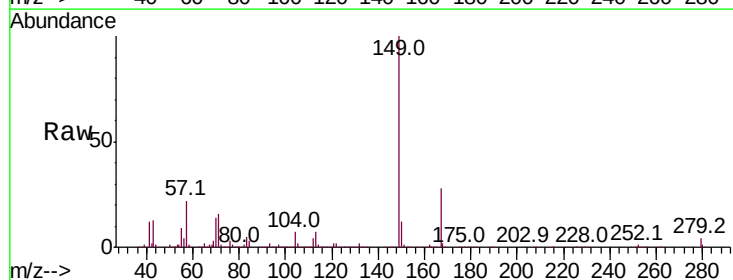
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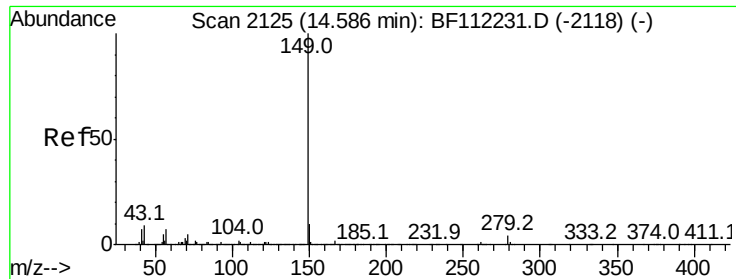
mohammad
 2/5/2019 8:42:41 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.064 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF112376.D
 Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	4.4	3.8	5.6





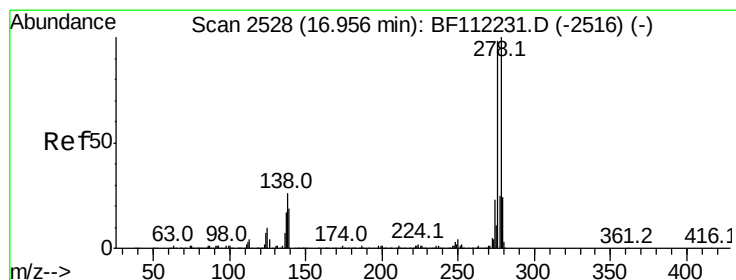
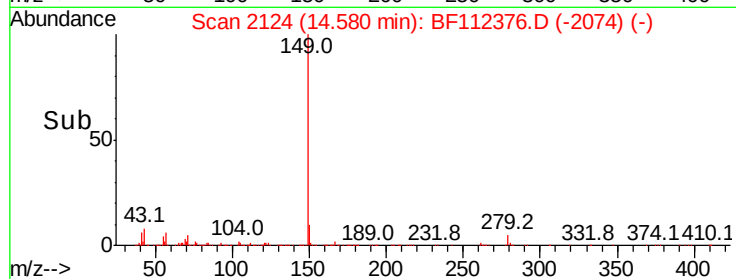
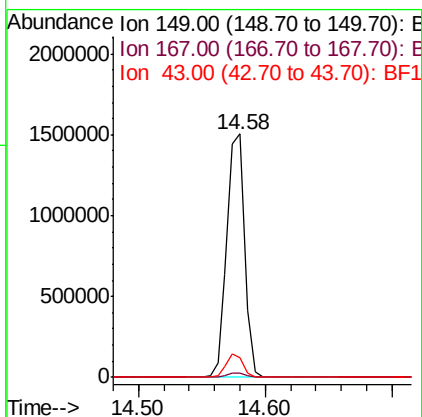
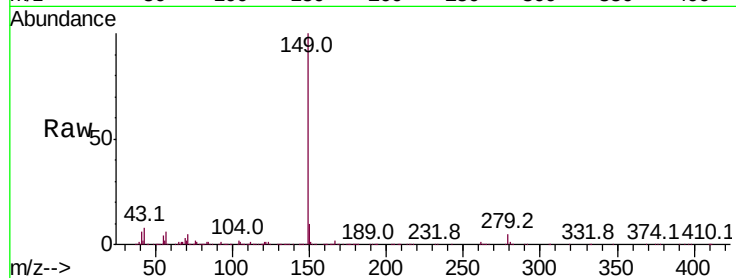
#85
Di-n-octyl phthalate
Concen: 36.652 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.8	11.6

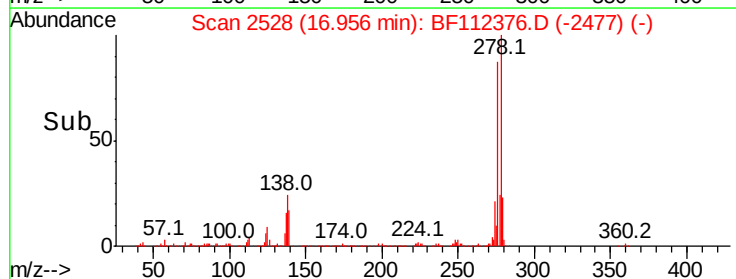
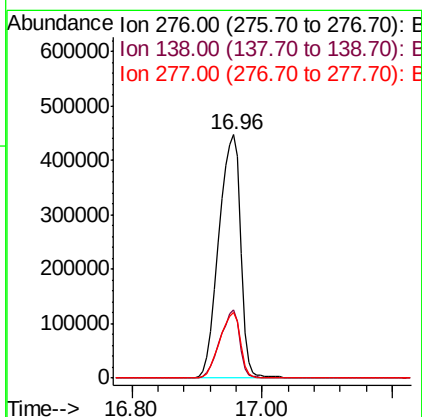
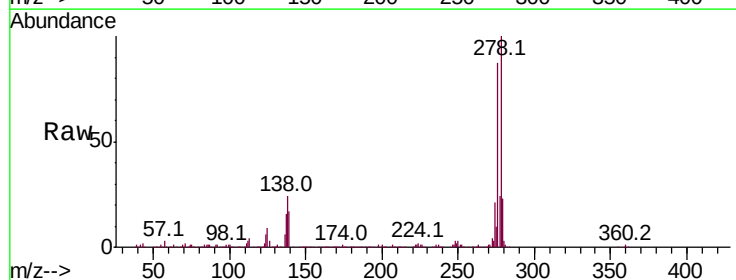
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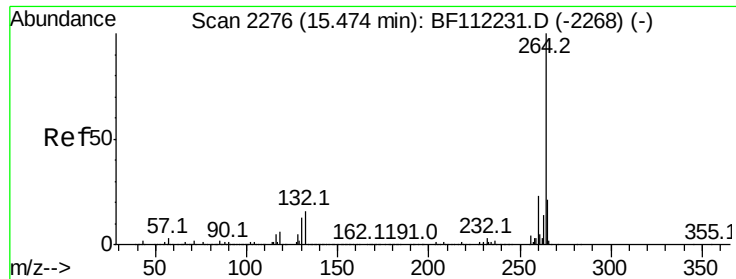
mohammad
2/5/2019 8:42:41 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.962 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	22.6	34.0
277	25.5	20.3	30.5





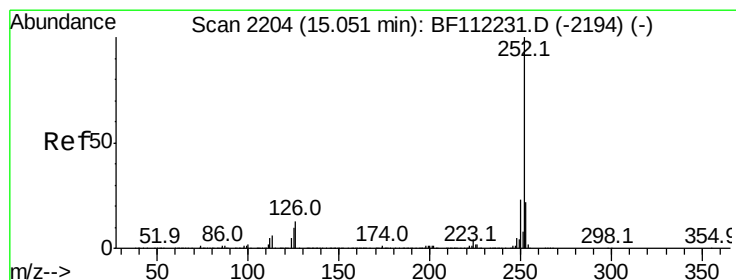
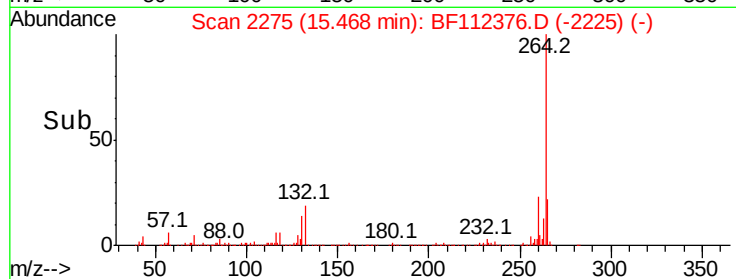
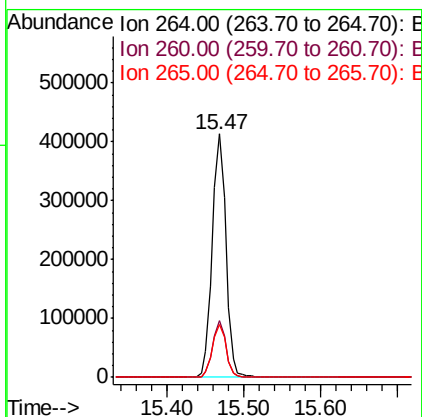
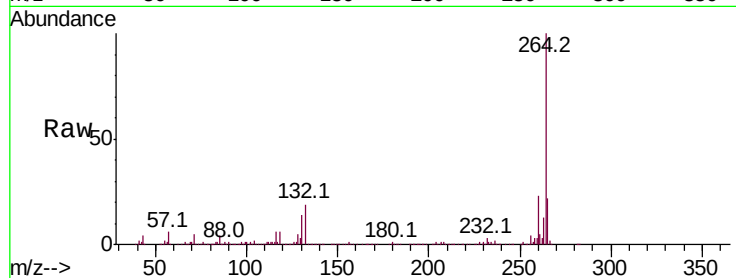
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	21.7	17.0	25.4

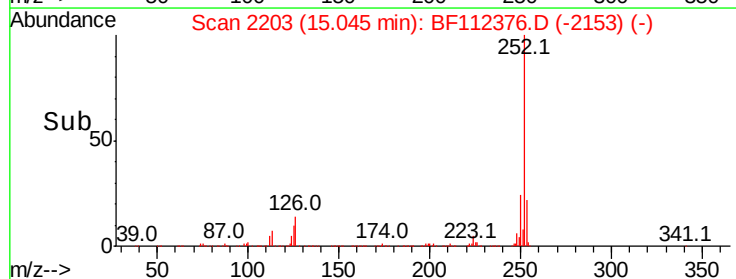
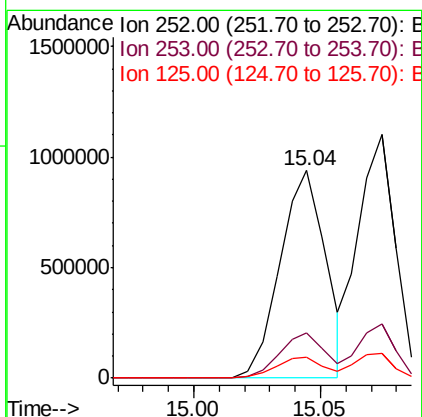
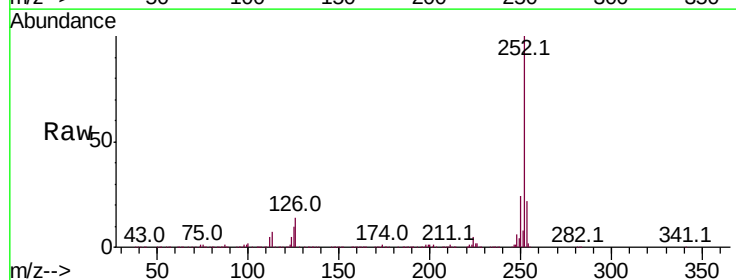
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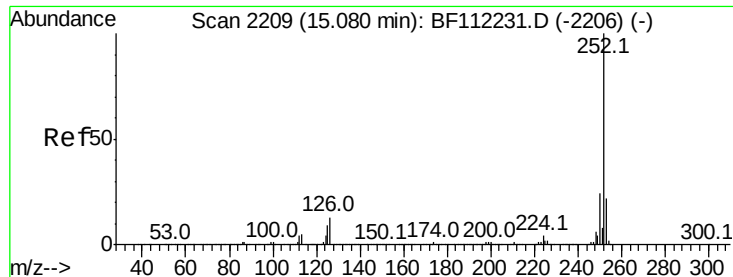
mohammad
2/5/2019 8:42:41 AM



#88
Benzo(b)fluoranthene
Concen: 38.981 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.2	8.7	13.1





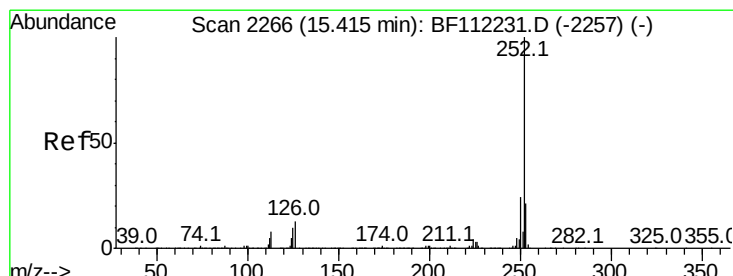
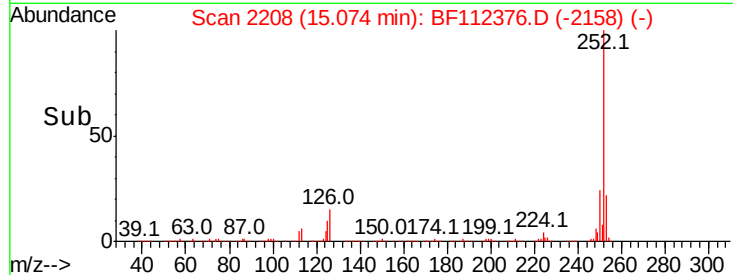
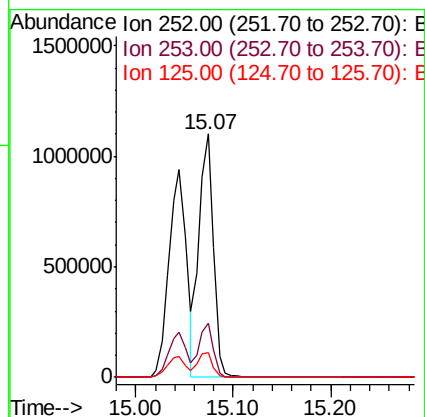
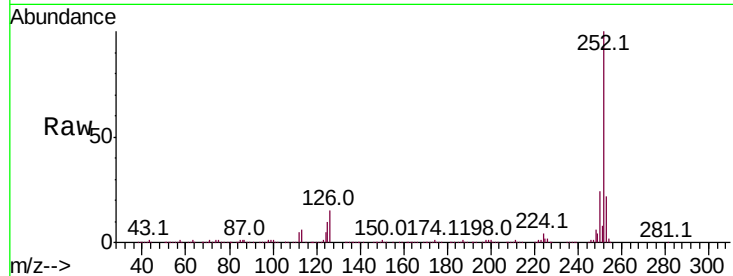
#89
Benzo(k)fluoranthene
Concen: 39.352 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.3	9.1	13.7

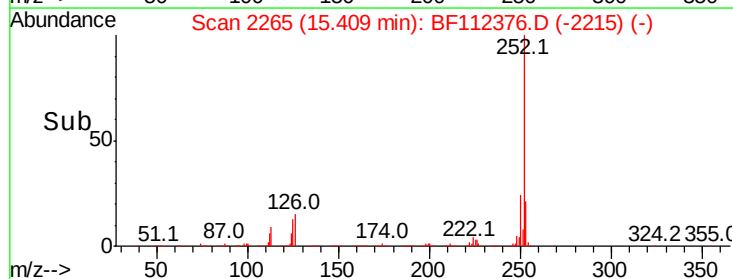
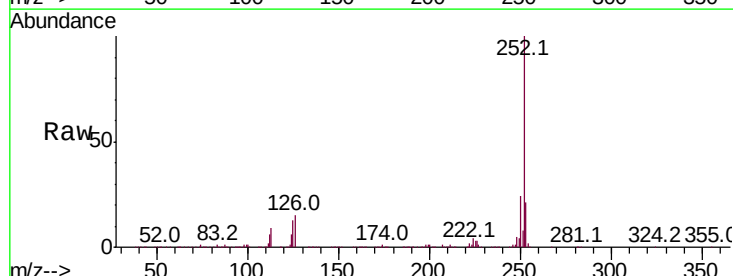
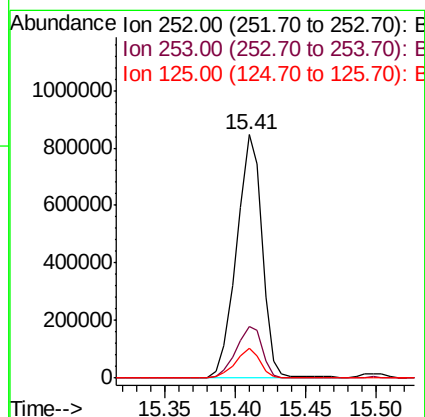
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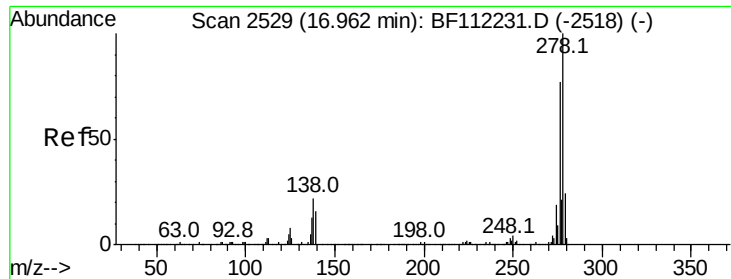
mohammad
2/5/2019 8:42:41 AM



#90
Benzo(a)pyrene
Concen: 39.471 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	12.5	9.0	13.4





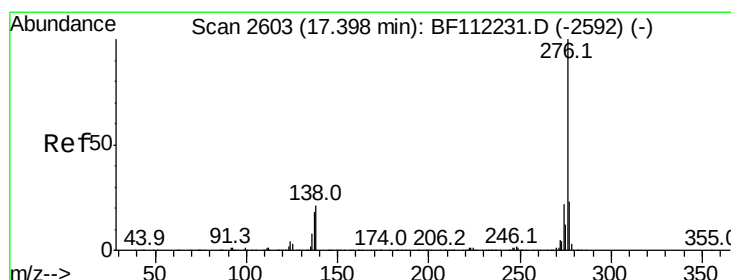
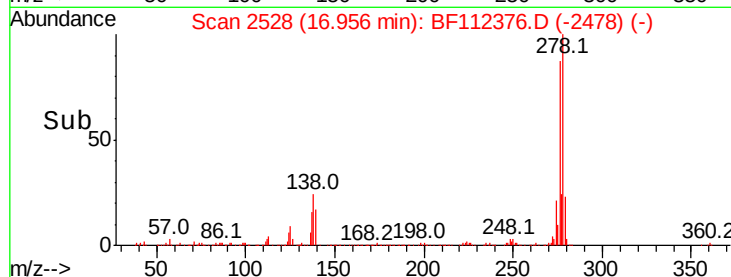
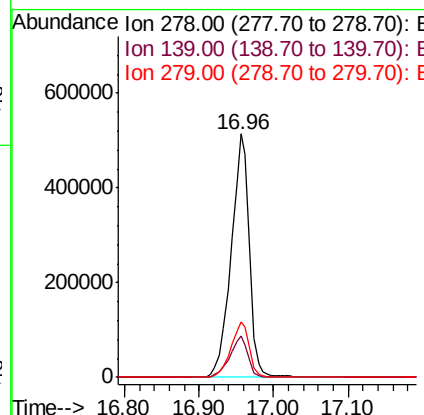
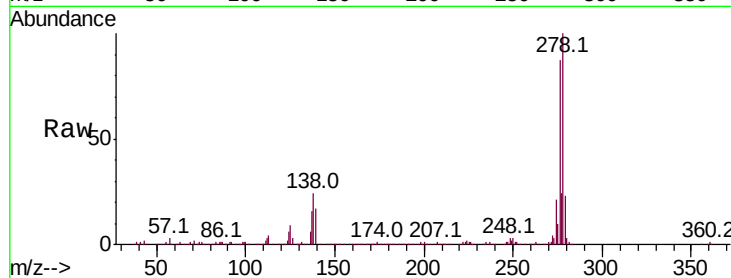
#91
Dibenzo(a,h)anthracene
Concen: 40.026 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.7	20.5
279	22.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/5/2019 8:42:41 AM



#92
Benzo(g,h,i)perylene
Concen: 40.455 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BF112376.D
Acq: 4 Feb 2019 13:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.4	29.0
138	21.3	19.1	28.7

