

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115483.D
 Acq On : 11 Jul 2019 4:46
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 7/11/2019 5:22:41 PM

Quant Time: Jul 11 05:14:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	170504	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	704985	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	338631	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	616466	20.00	ng	0.00
76) Chrysene-d12	14.06	240	434424	20.00	ng	0.00
87) Perylene-d12	15.54	264	525282	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	806865	73.11	ng	0.00
7) Phenol-d6	6.52	99	1029348	73.34	ng	0.00
23) Nitrobenzene-d5	7.46	82	945525	79.24	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	291476	77.85	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1610424	83.45	ng	0.00
79) Terphenyl-d14	13.00	244	1613079	76.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	189587	35.024	ng	99
3) Pyridine	3.41	79	529188	35.355	ng	99
4) n-Nitrosodimethylamine	3.36	42	192769m	31.760	ng	
6) Aniline	6.56	93	722612	36.485	ng	100
8) 2-Chlorophenol	6.68	128	473041	37.962	ng	99
9) Benzaldehyde	6.45	77	339958	42.430	ng	99
10) Phenol	6.54	94	611031	36.387	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	452877	36.354	ng	99
12) 1,3-Dichlorobenzene	6.84	146	514985	37.722	ng	99
13) 1,4-Dichlorobenzene	6.92	146	521210	38.115	ng	99
14) 1,2-Dichlorobenzene	7.07	146	489214	38.640	ng	99
15) Benzyl Alcohol	7.03	79	422447	37.509	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	605336	34.752	ng	100
17) 2-Methylphenol	7.15	107	397757	37.259	ng	100
18) Hexachloroethane	7.42	117	184231	36.165	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	329315	34.682	ng	95
20) 3+4-Methylphenols	7.30	107	474149	37.601	ng	97
22) Acetophenone	7.30	105	617911	36.578	ng	98
24) Nitrobenzene	7.48	77	519683	38.565	ng	99
25) Isophorone	7.72	82	923809	35.719	ng	99
26) 2-Nitrophenol	7.79	139	255991	46.207	ng	100
27) 2,4-Dimethylphenol	7.83	122	366948	34.736	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	573329	35.949	ng	100
29) 2,4-Dichlorophenol	8.03	162	404410	38.435	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	455902	38.921	ng	98
31) Naphthalene	8.20	128	1308404	37.365	ng	100
32) Benzoic acid	7.93	122	174921	25.910	ng	99
33) 4-Chloroaniline	8.25	127	594936	38.079	ng	99
34) Hexachlorobutadiene	8.33	225	258782	38.956	ng	100
35) Caprolactam	8.62	113	128514	37.501	ng	96
36) 4-Chloro-3-methylphenol	8.72	107	418038	37.561	ng	97
37) 2-Methylnaphthalene	8.89	142	887065	37.900	ng	98
38) 1-Methylnaphthalene	8.99	142	839665	37.600	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	407445	41.824	ng	99

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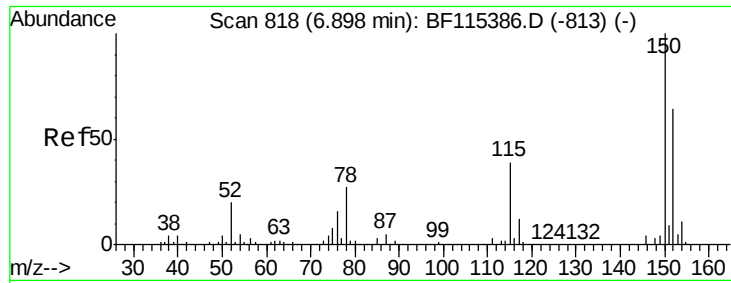
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	82072	14.535	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	284788	40.154	ng	98
44) 2,4,5-Trichlorophenol	9.21	196	297419	40.442	ng	98
46) 1,1'-Biphenyl	9.36	154	1055841	39.661	ng	99
47) 2-Chloronaphthalene	9.38	162	871124	39.593	ng	97
48) 2-Nitroaniline	9.47	65	280982	43.467	ng	90
49) Acenaphthylene	9.80	152	1298208	38.971	ng	99
50) Dimethylphthalate	9.66	163	1020824	40.164	ng	99
51) 2,6-Dinitrotoluene	9.72	165	233290	42.322	ng	93
52) Acenaphthene	9.97	154	783622	37.377	ng	99
53) 3-Nitroaniline	9.88	138	273567	42.730	ng	95
54) 2,4-Dinitrophenol	9.98	184	27818	19.948	ng	# 1
55) Dibenzofuran	10.14	168	1161110	39.316	ng	99
56) 4-Nitrophenol	10.03	139	183932	37.133	ng	94
57) 2,4-Dinitrotoluene	10.12	165	301735	43.072	ng	98
58) Fluorene	10.49	166	845951	36.337	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	235421	37.056	ng	99
60) Diethylphthalate	10.36	149	983298	39.304	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	443656	39.045	ng	99
62) 4-Nitroaniline	10.50	138	256777	40.860	ng	98
63) Azobenzene	10.63	77	932667	36.166	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	59946	24.819	ng	96
66) n-Nitrosodiphenylamine	10.59	169	799904	41.182	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	289514	41.854	ng	96
68) Hexachlorobenzene	11.04	284	316259	40.745	ng	97
69) Atrazine	11.12	200	257979	42.916	ng	99
70) Pentachlorophenol	11.22	266	169782	35.892	ng	100
71) Phenanthrene	11.44	178	1269679	39.162	ng	99
72) Anthracene	11.50	178	1277949	39.308	ng	99
73) Carbazole	11.64	167	1131631	38.047	ng	99
74) Di-n-butylphthalate	11.98	149	1436901	39.974	ng	99
75) Fluoranthene	12.63	202	1216493	35.636	ng	99
77) Benzidine	12.74	184	692987	40.906	ng	98
78) Pyrene	12.86	202	1236853	36.612	ng	99
80) Butylbenzylphthalate	13.48	149	558751	37.855	ng	94
81) Benzo(a)anthracene	14.05	228	1120672	40.261	ng	98
82) 3,3'-Dichlorobenzidine	14.01	252	439501	43.514	ng	98
83) Chrysene	14.09	228	1128945	39.474	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	722987	39.552	ng	99
85) Di-n-octyl phthalate	14.65	149	1317087	40.474	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1107749	47.637	ng	100
88) Benzo(b)fluoranthene	15.11	252	1255556	36.712	ng	99
89) Benzo(k)fluoranthene	15.14	252	1136650	37.370	ng	100
90) Benzo(a)pyrene	15.48	252	1127706	38.230	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	932642	36.999	ng	99
92) Benzo(g,h,i)perylene	17.47	276	832710	34.902	ng	99

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



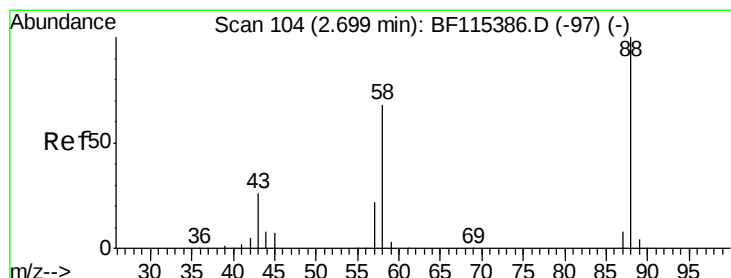
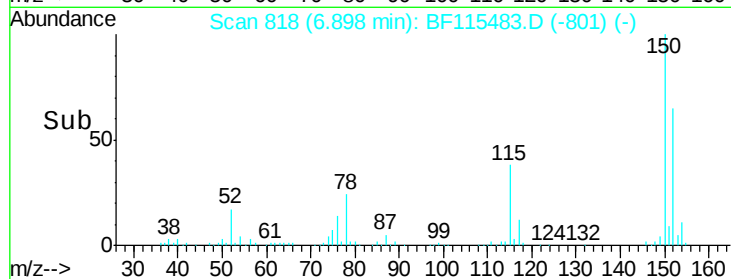
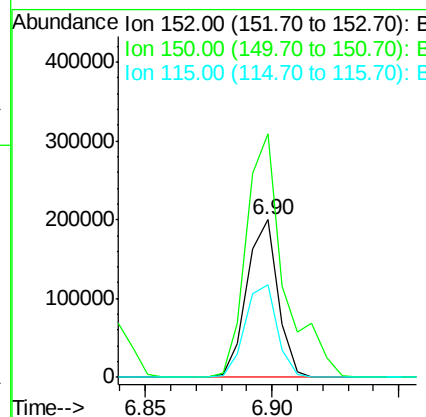
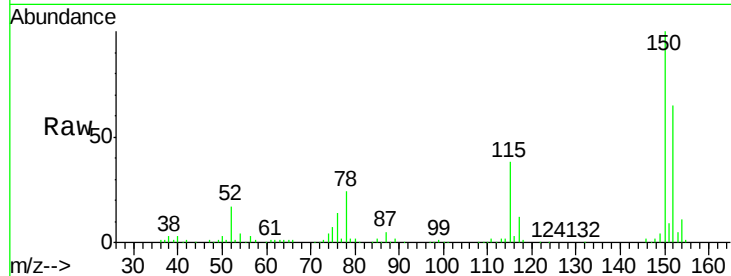
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.4	191.2
115	58.6	46.2	69.4

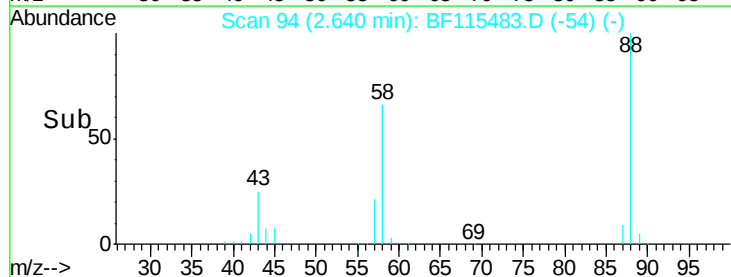
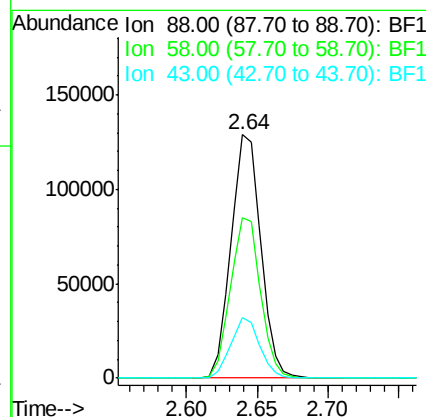
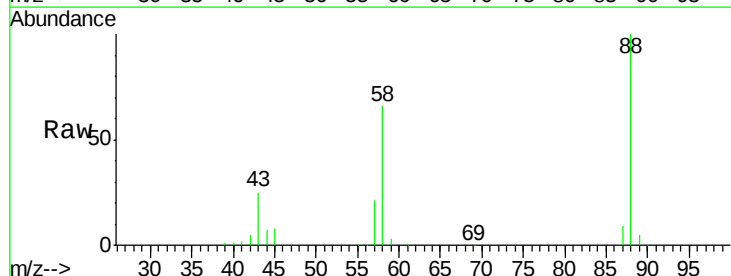
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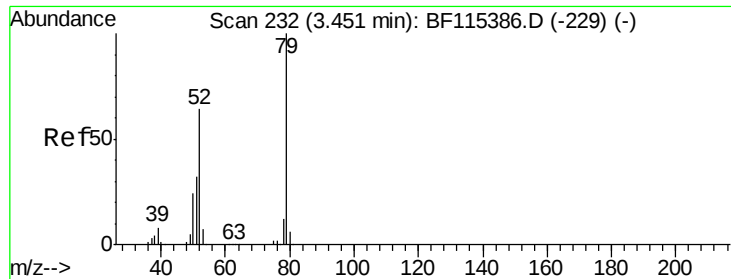
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#2
 1,4-Dioxane
 Concen: 35.024 ng
 RT: 2.64 min Scan# 94
 Delta R.T. -0.06 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	52.5	78.7
43	24.3	19.0	28.6





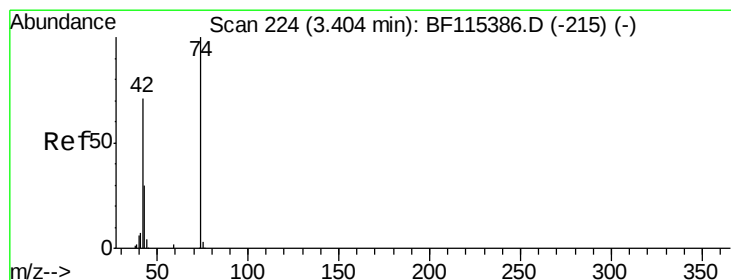
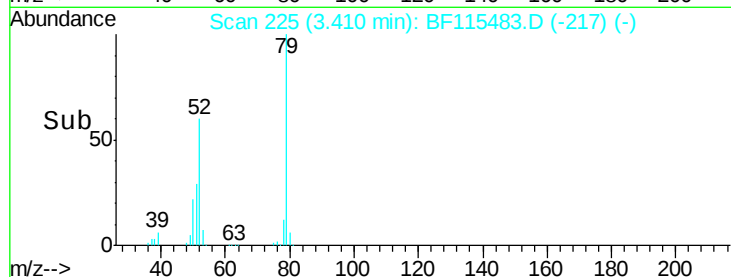
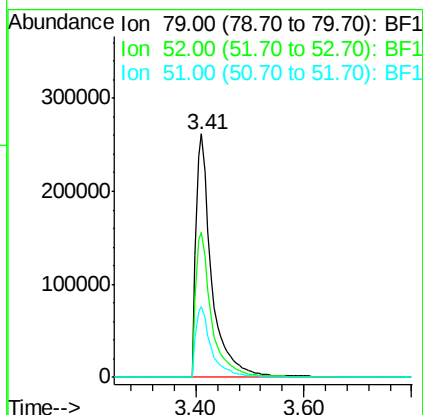
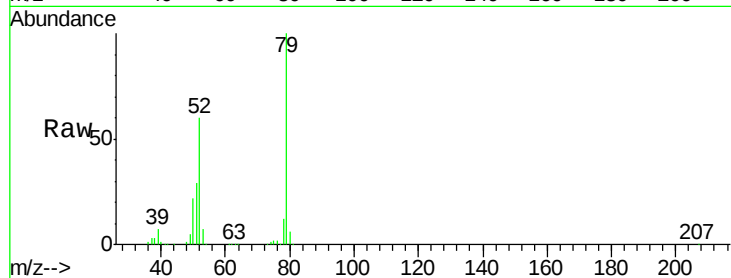
#3
 Pyridine
 Concen: 35.355 ng
 RT: 3.41 min Scan# 225
 Delta R.T. -0.05 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
79	100		
52	59.7	48.2	72.2
51	29.1	23.2	34.8

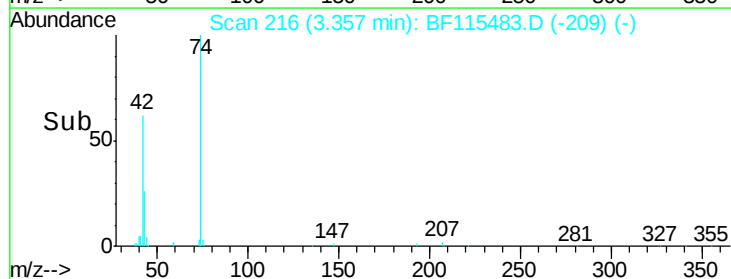
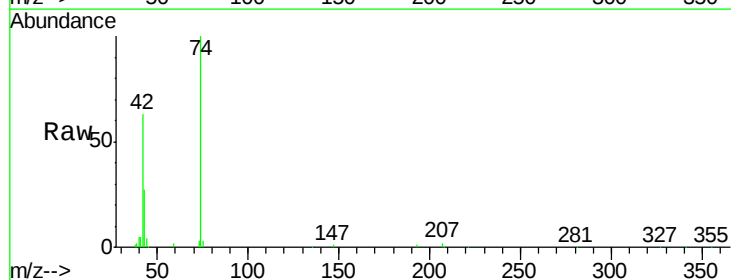
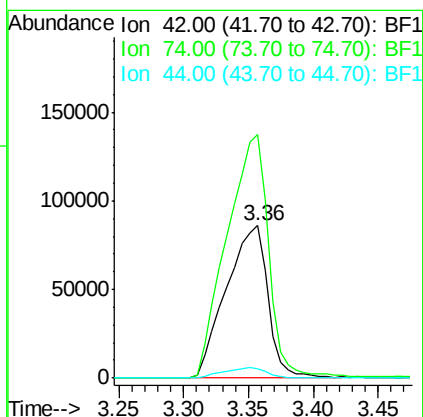
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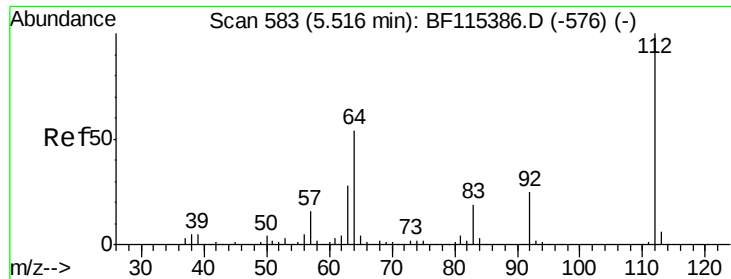
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#4
 n-Nitrosodimethylamine
 Concen: 31.760 ng m
 RT: 3.36 min Scan# 216
 Delta R.T. -0.06 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.7	128.5	192.7
44	6.5	5.3	7.9





#5

2-Fluorophenol

Concen: 73.114 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

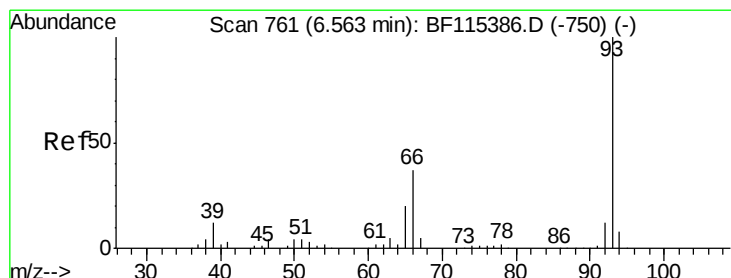
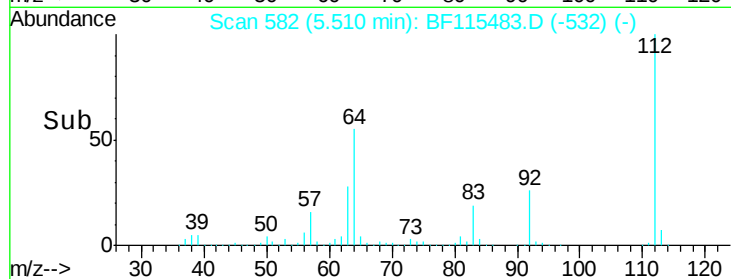
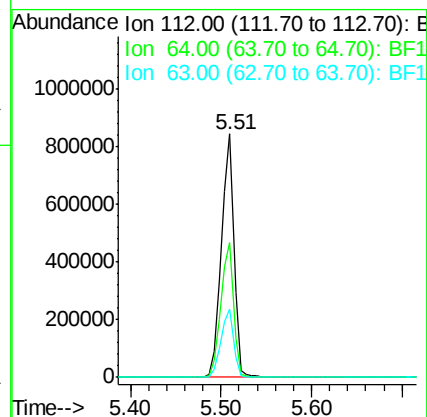
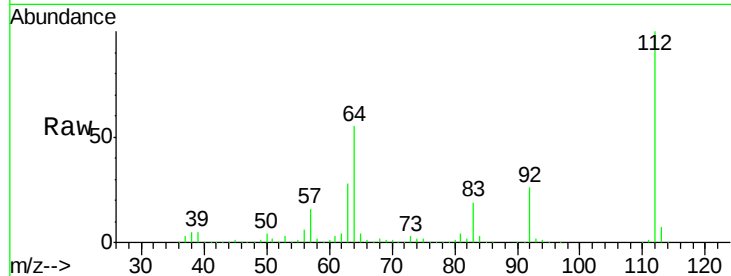
ClientSampled :

SSTDCCC040

Tgt Ion:	112	Resp:	806865
Ion Ratio	Lower	Upper	
112	100		
64	55.2	44.2	66.2
63	27.8	22.1	33.1

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#6

Aniline

Concen: 36.485 ng

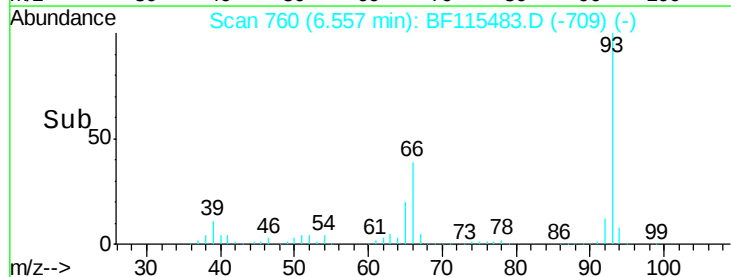
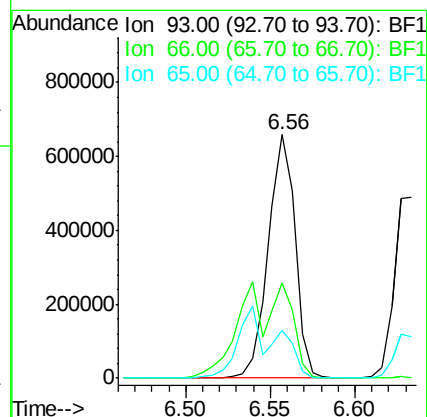
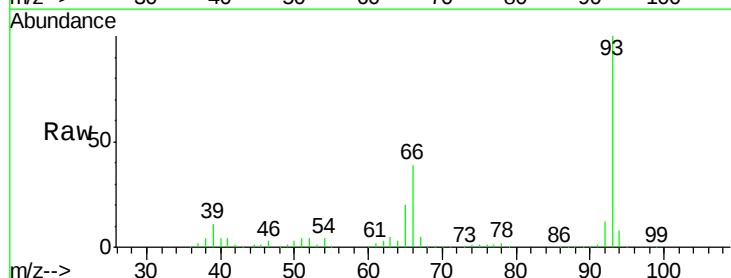
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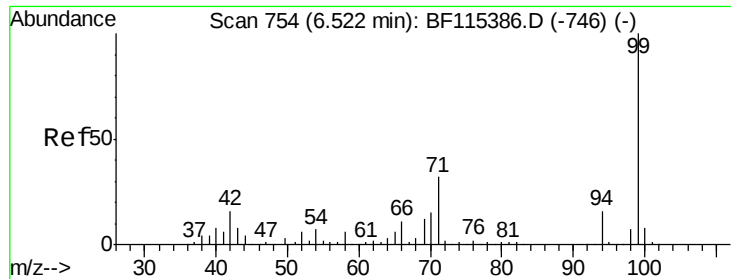
Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	93	Resp:	722612
Ion Ratio	Lower	Upper	
93	100		
66	38.9	31.3	46.9
65	19.8	15.9	23.9





#7

Phenol-d6

Concen: 73.341 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tgt Ion: 99 Resp: 1029348

Ion Ratio Lower Upper

99 100

42 16.1 12.8 19.2

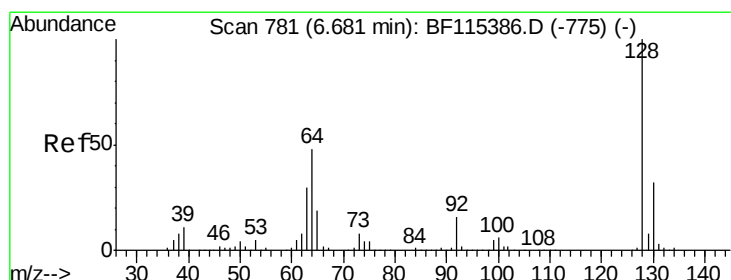
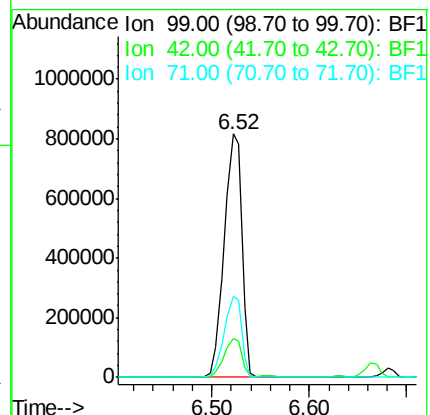
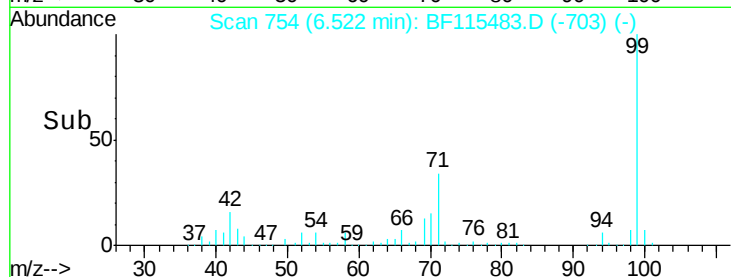
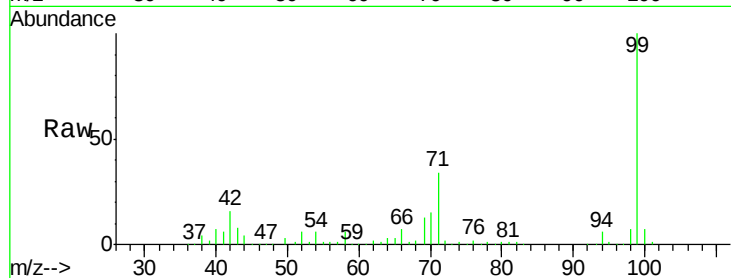
71 33.6 26.5 39.7

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#8

2-Chlorophenol

Concen: 37.962 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

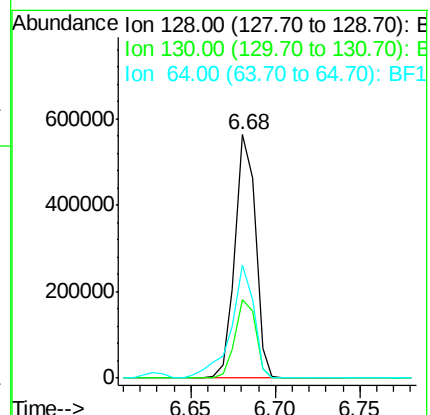
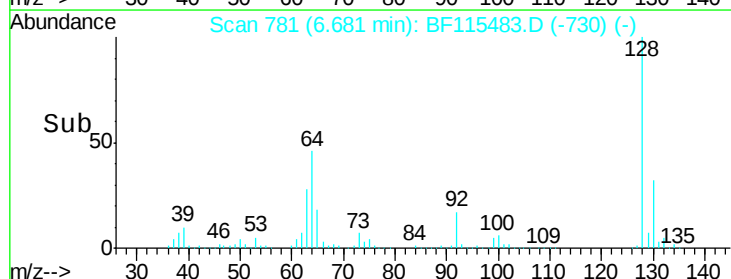
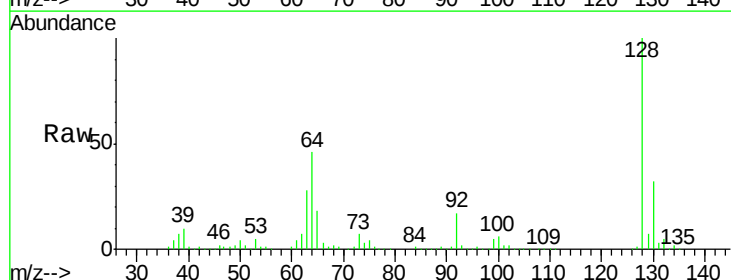
Tgt Ion: 128 Resp: 473041

Ion Ratio Lower Upper

128 100

130 32.3 11.8 51.8

64 46.3 27.0 67.0





#9

Benzaldehyde

Concen: 42.430 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

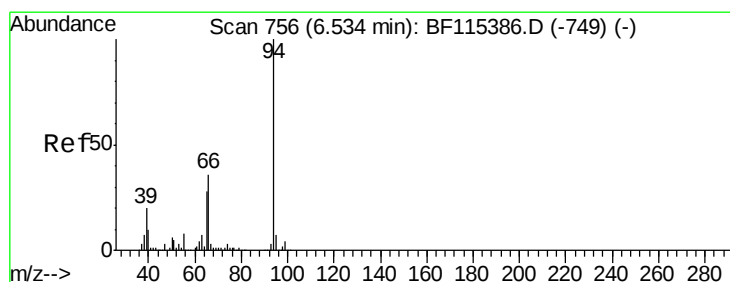
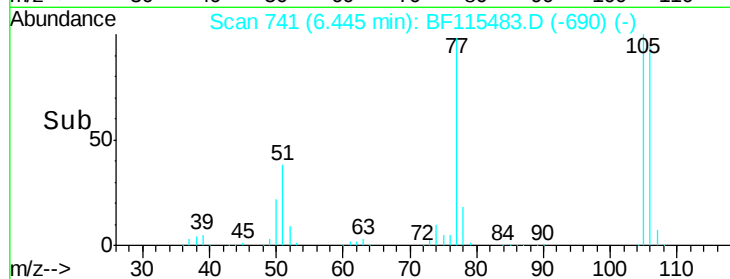
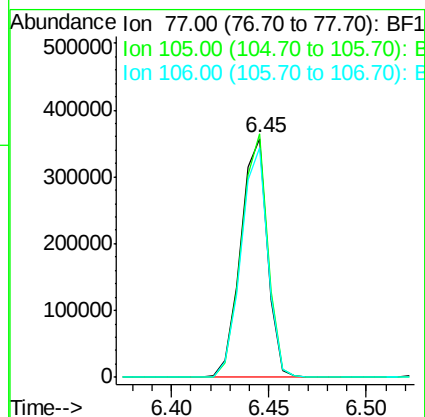
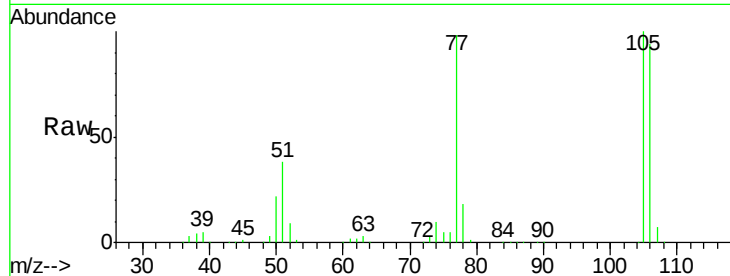
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	339958
Ion	Ratio	Lower	Upper
77	100		
105	101.9	82.9	122.9
106	95.9	77.8	117.8

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#10

Phenol

Concen: 36.387 ng

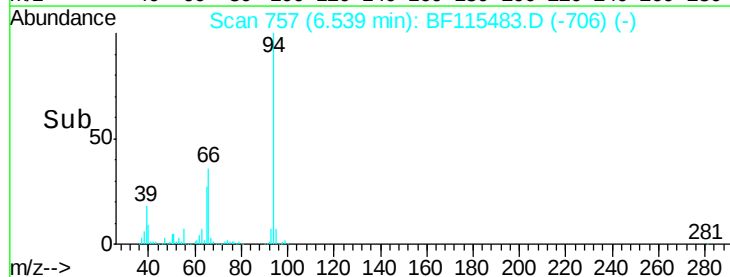
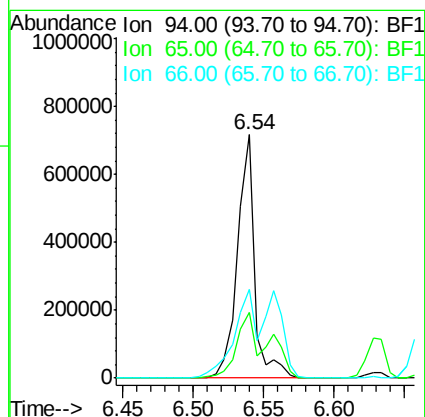
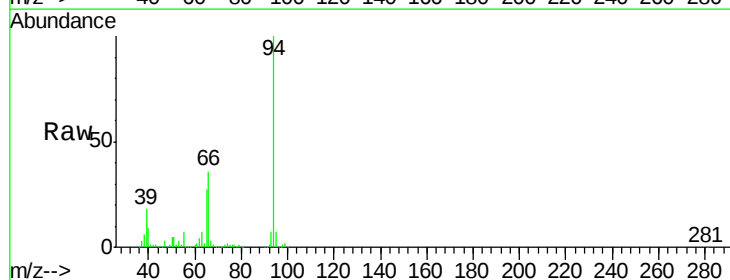
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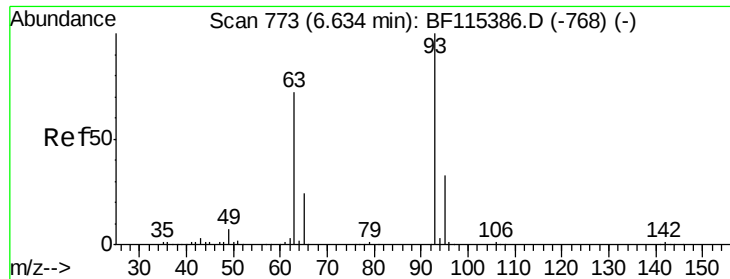
Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	94	Resp:	611031
Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.2	47.2
66	36.3	16.9	56.9





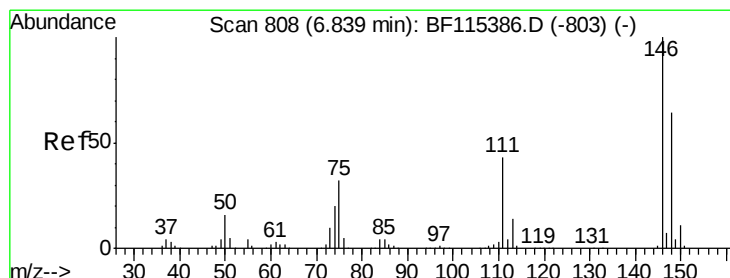
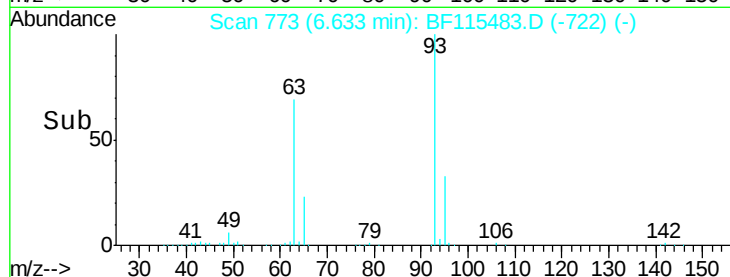
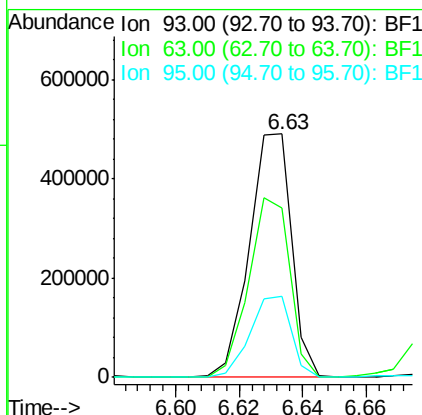
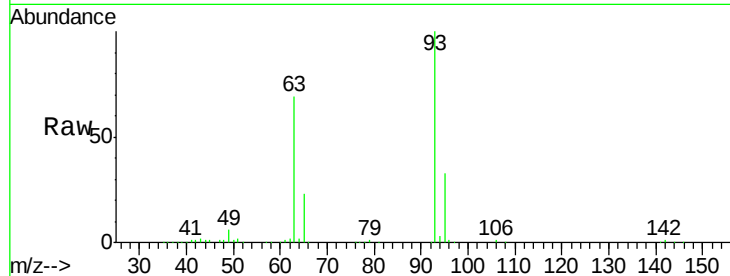
#11
bis(2-Chloroethyl)ether
Concen: 36.354 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.3	50.0	90.0
95	33.1	12.6	52.6

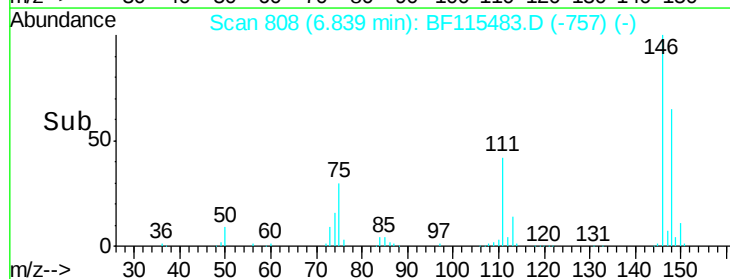
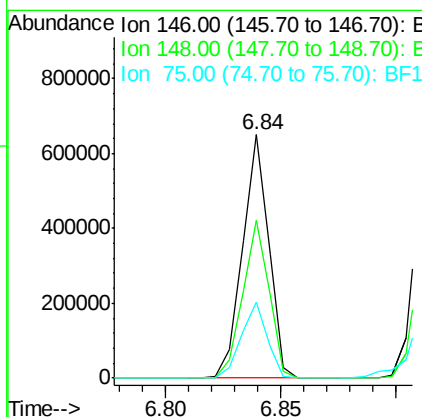
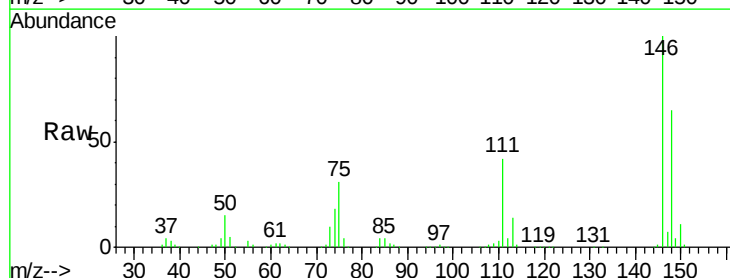
Manual Integrations
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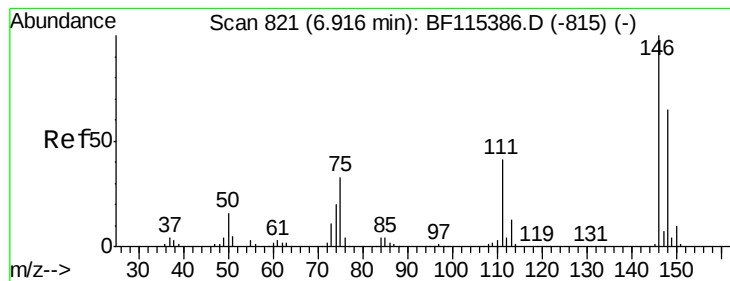
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.722 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
75	31.4	24.8	37.2





#13

1,4-Dichlorobenzene

Concen: 38.115 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

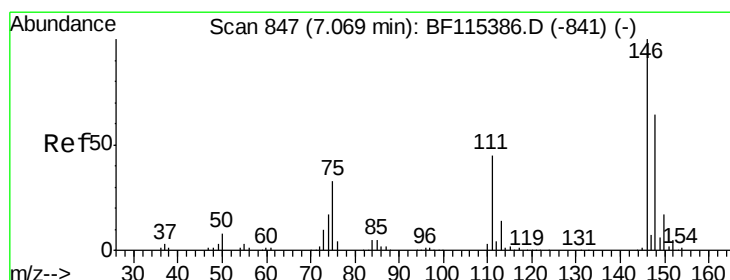
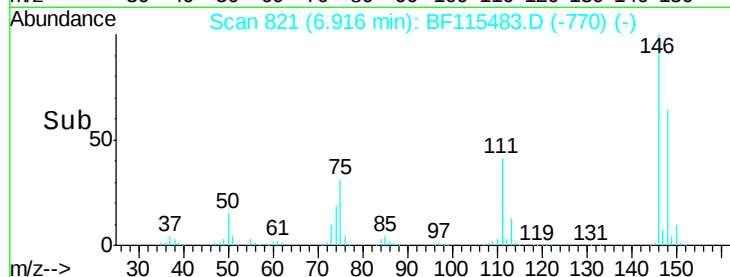
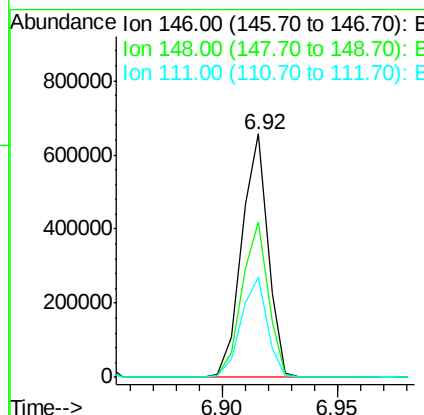
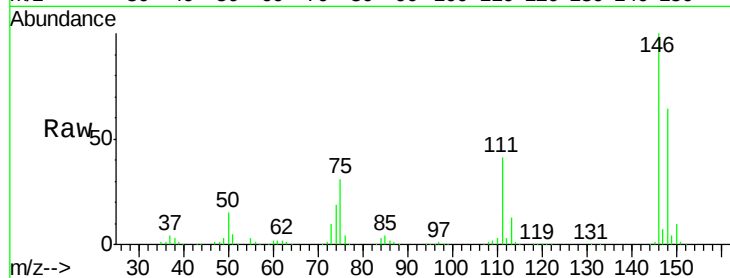
ClientSampleId :

SSTDCCC040

Tgt	Ion	Ratio	Lower	Upper
146	100			
148	64.0	51.3	76.9	
111	41.0	32.1	48.1	

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#14

1,2-Dichlorobenzene

Concen: 38.640 ng

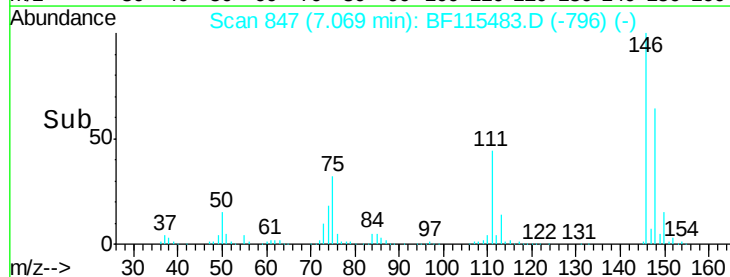
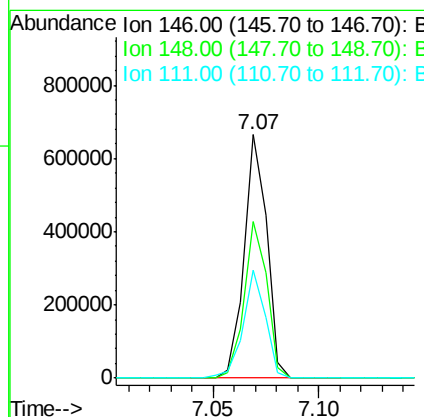
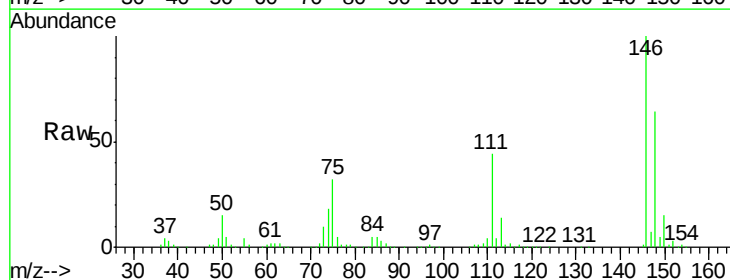
RT: 7.07 min Scan# 847

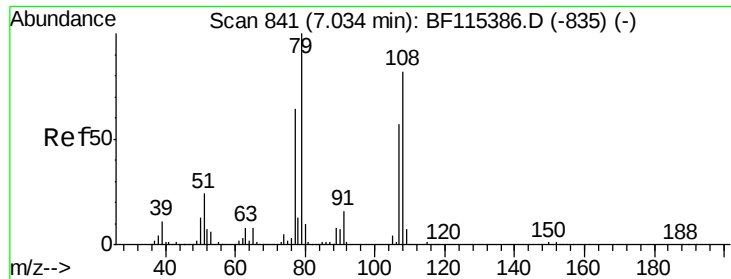
Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt	Ion	Ratio	Lower	Upper
146	100			
148	64.1	50.6	75.8	
111	44.1	35.4	53.2	





#15

Benzyl Alcohol

Concen: 37.509 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

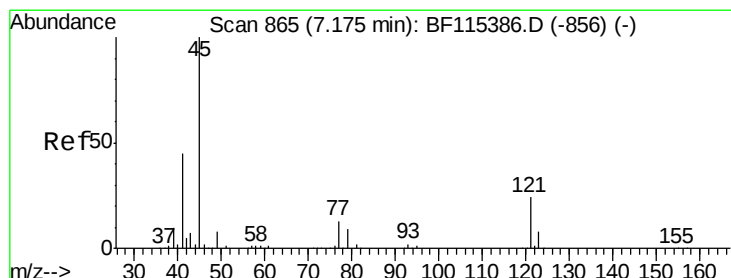
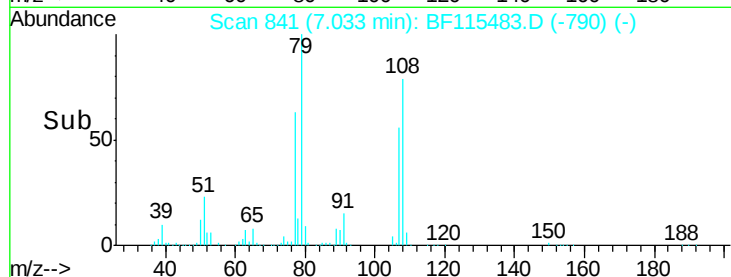
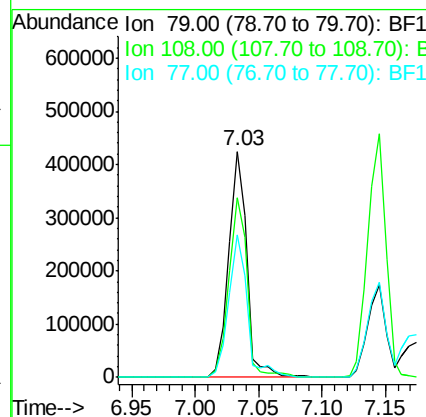
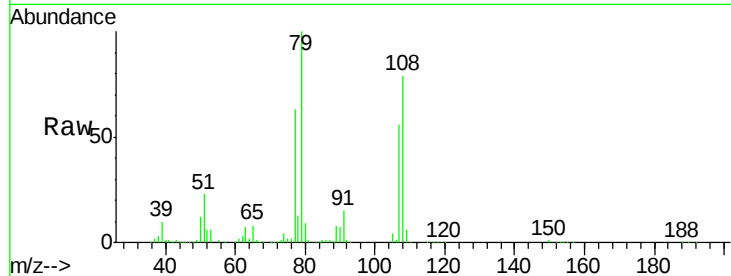
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	422447
Ion Ratio	Lower	Upper	
79	100		
108	79.5	65.3	97.9
77	62.9	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.752 ng

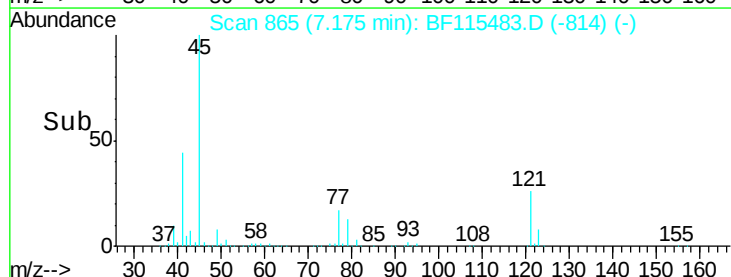
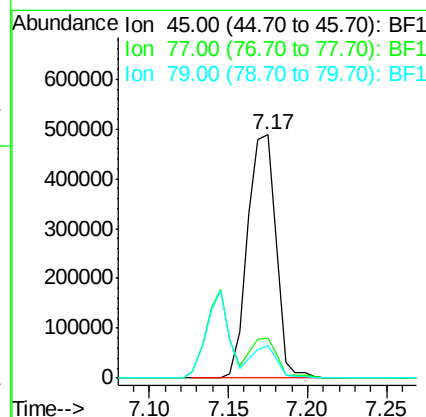
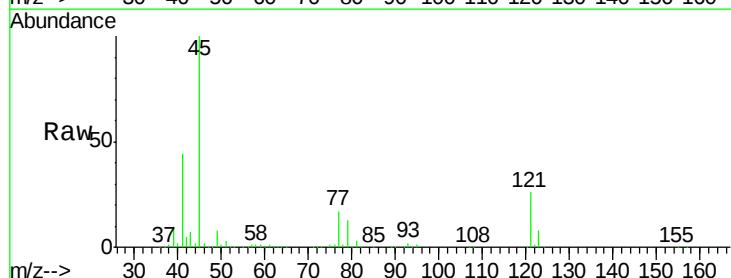
RT: 7.17 min Scan# 865

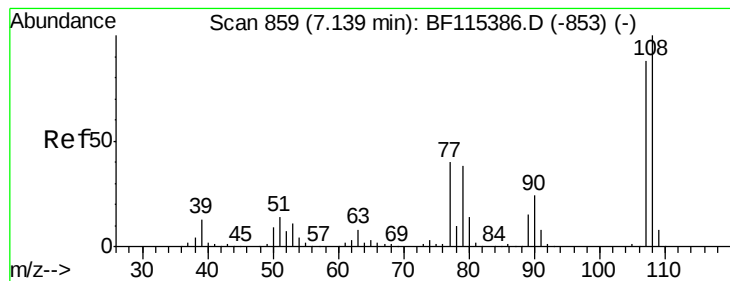
Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	45	Resp:	605336
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	36.4
79	13.4	0.0	33.4





#17

2-Methylphenol

Concen: 37.259 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

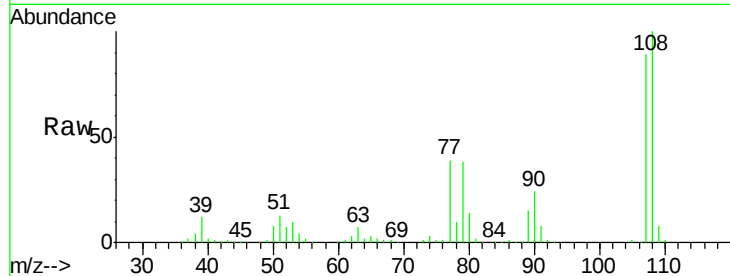
ClientSampleId :

SSTDCCC040

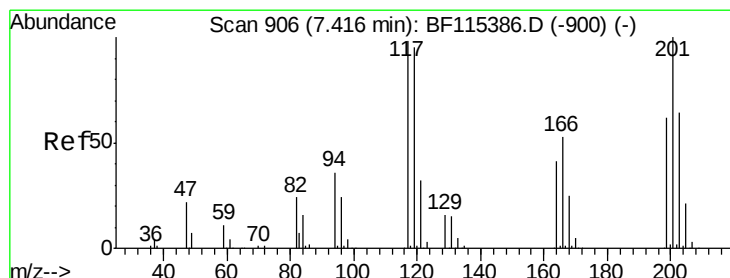
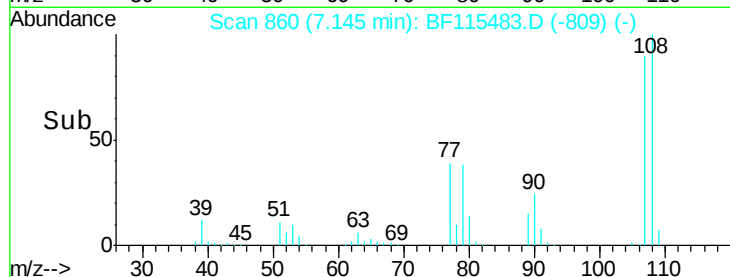
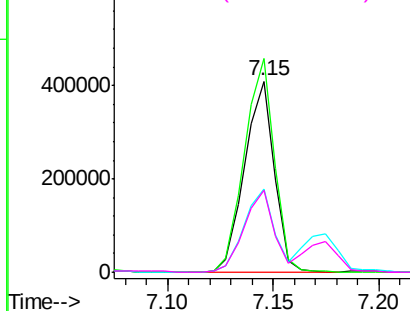
Tgt	Ion	107	Resp:	397757
Ion	Ratio	Lower	Upper	
107	100			
108	111.9	90.0	135.0	
77	43.8	35.0	52.4	
79	42.8	34.4	51.6	

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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: 36.165 ng

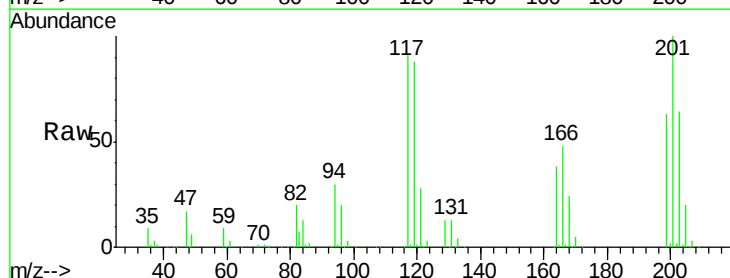
RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

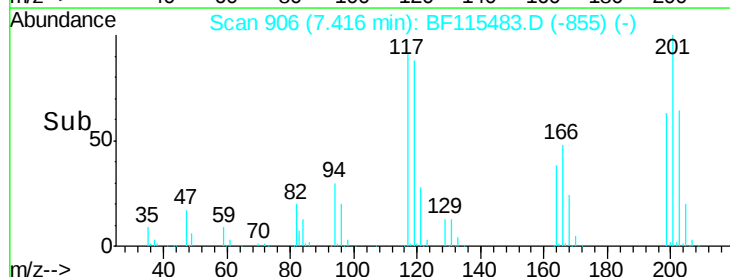
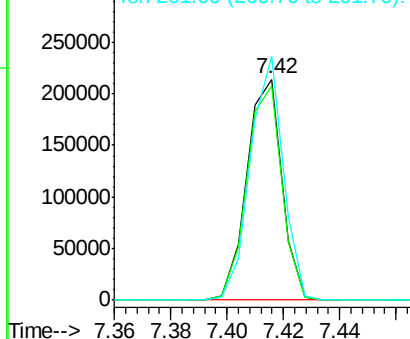
Lab File: BF115483.D

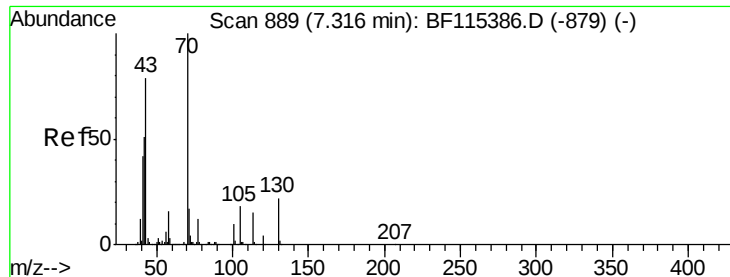
Acq: 11 Jul 2019 4:46

Tgt	Ion	117	Resp:	184231
Ion	Ratio	Lower	Upper	
117	100			
119	96.7	76.8	115.2	
201	110.1	85.8	128.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





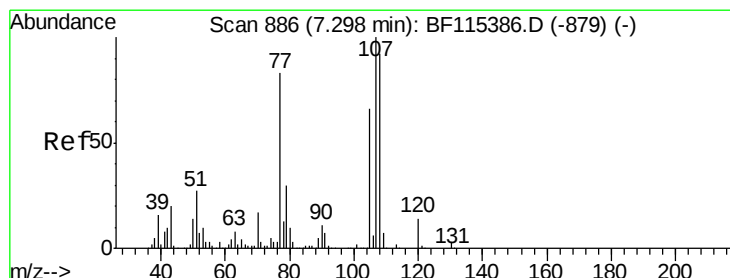
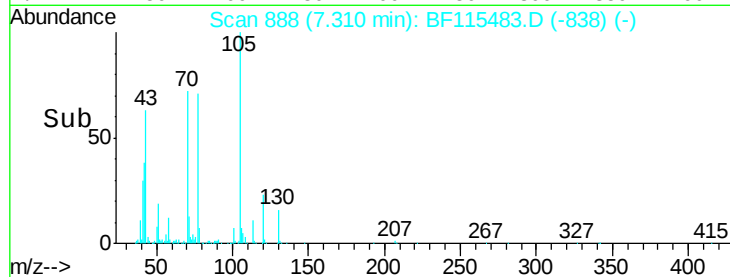
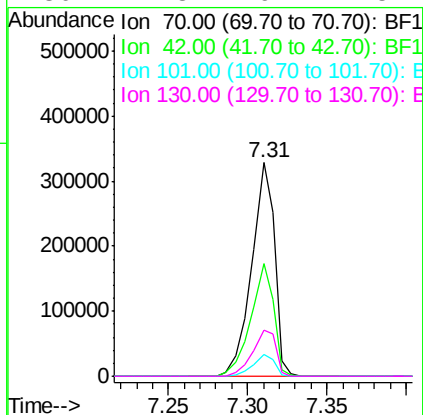
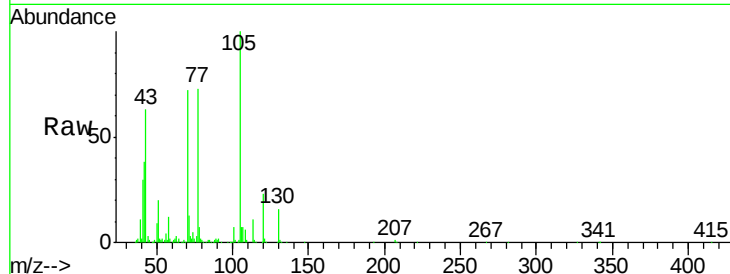
#19
n-Nitroso-di-n-propylamine
Concen: 34.682 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.7	38.5	57.7
101	10.0	8.0	12.0
130	21.8	19.1	28.7

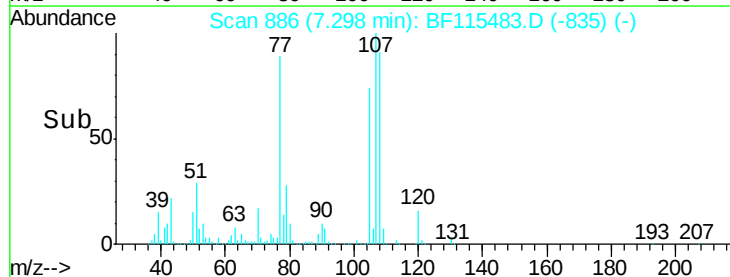
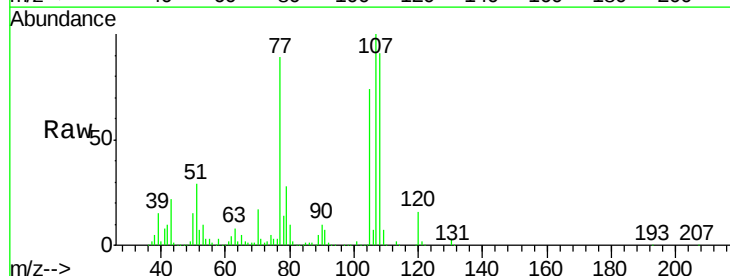
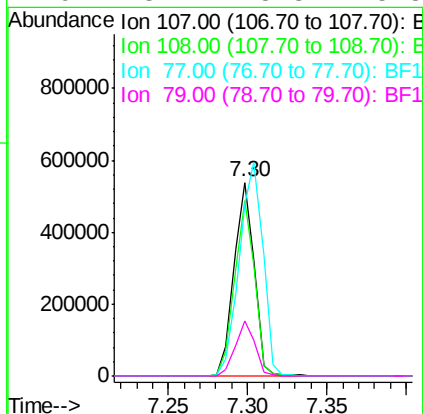
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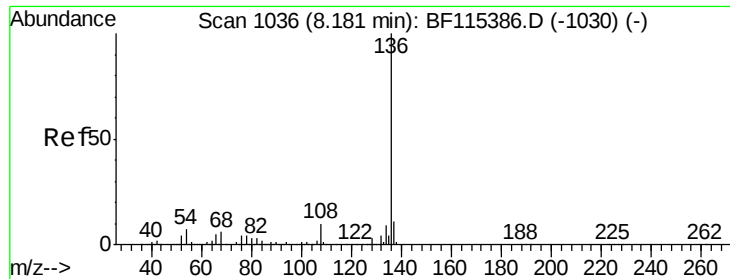
mohammad
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#20
3+4-Methylphenols
Concen: 37.601 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.5	110.5
77	88.9	63.0	103.0
79	28.4	8.3	48.3





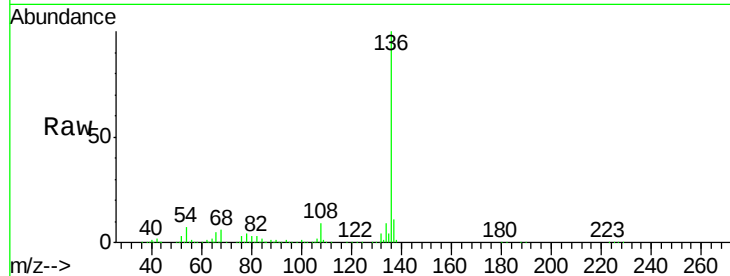
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		704985		
137	11.2	8.8	13.2		
54	6.6	5.4	8.0		
68	6.3	4.8	7.2		

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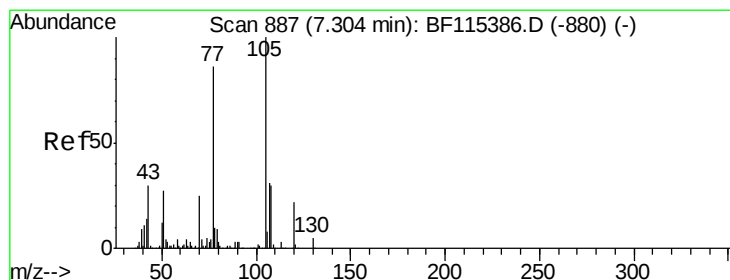
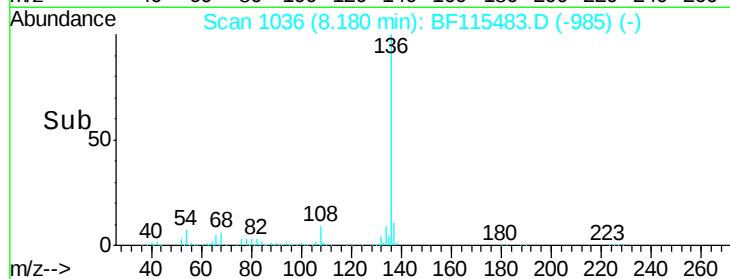
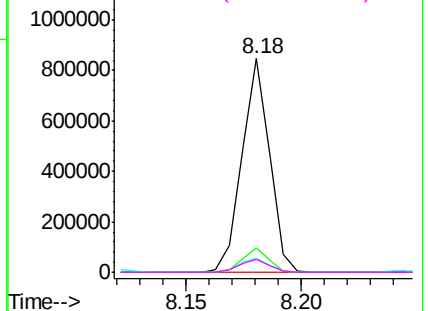
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 36.578 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		617911		
71	5.0	3.5	5.3		
51	27.1	22.6	33.8		
120	22.0	17.9	26.9		

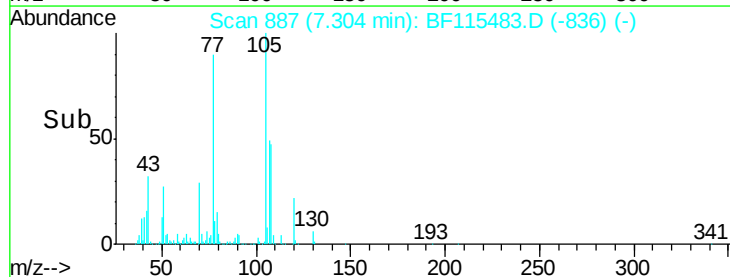
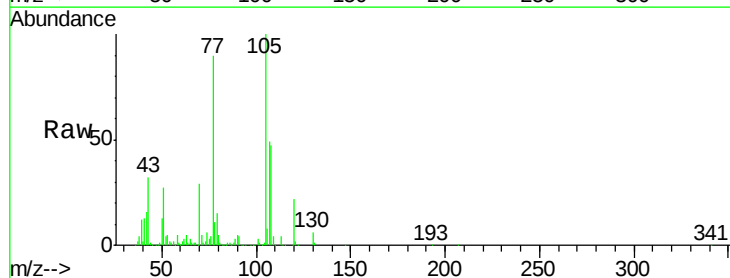
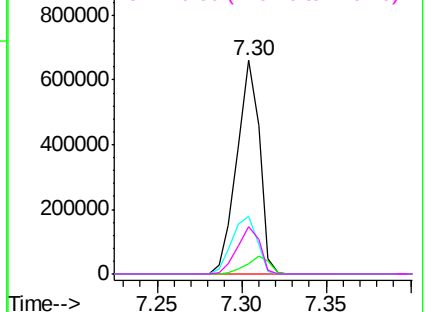
Abundance

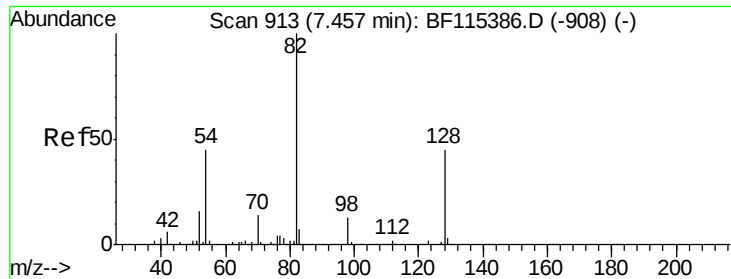
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





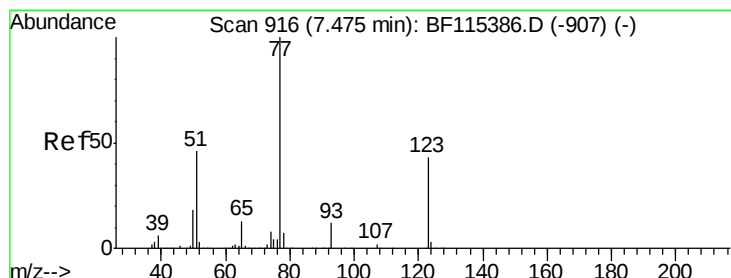
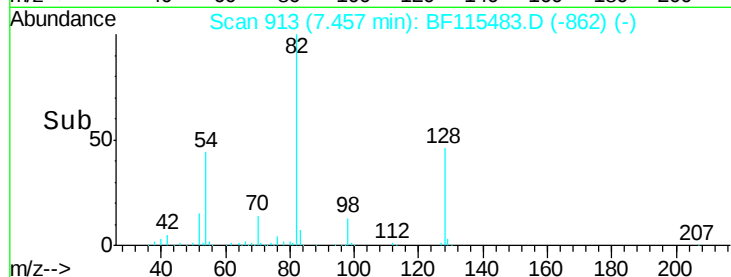
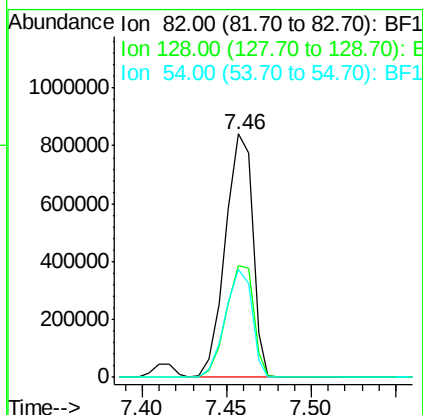
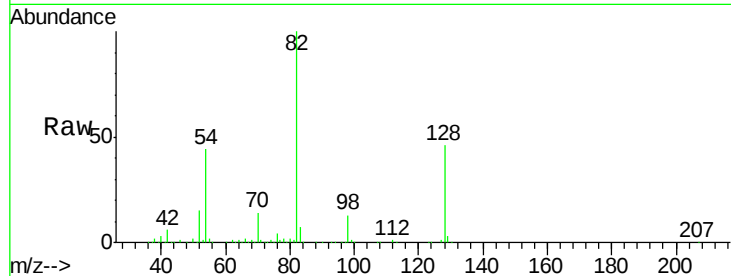
#23
 Nitrobenzene-d5
 Concen: 79.242 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	945525		
128	45.9	36.7	55.1	
54	44.2	35.6	53.4	

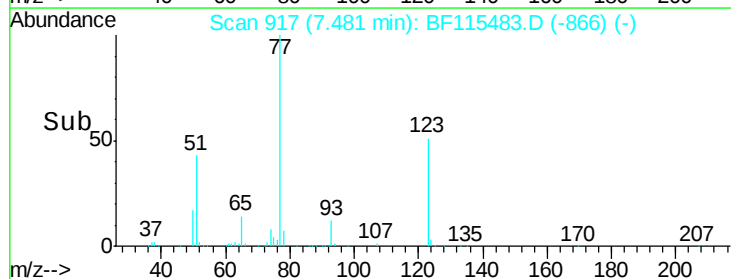
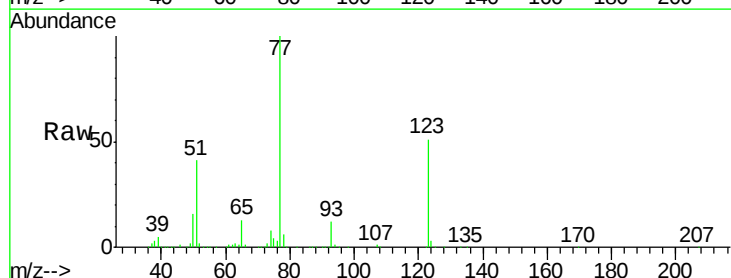
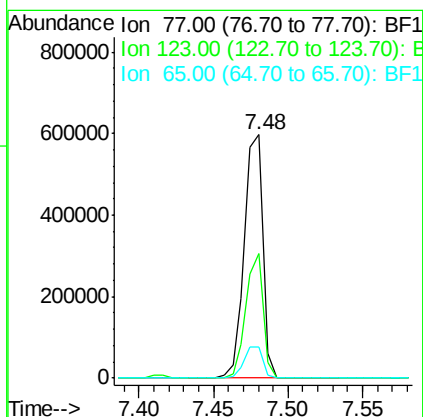
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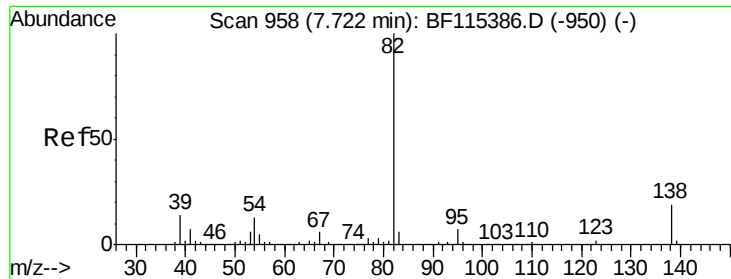
mohammad
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#24
 Nitrobenzene
 Concen: 38.565 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	519683		
123	51.1	40.4	60.6	
65	12.7	10.4	15.6	





#25

Isophorone

Concen: 35.719 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

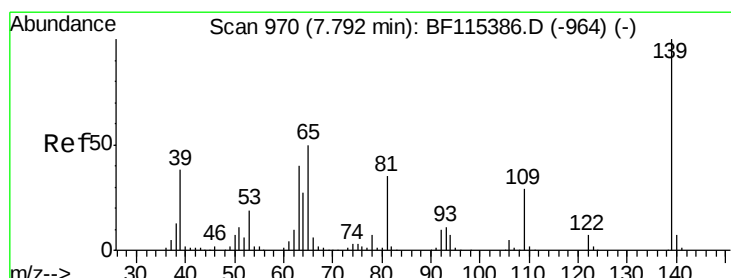
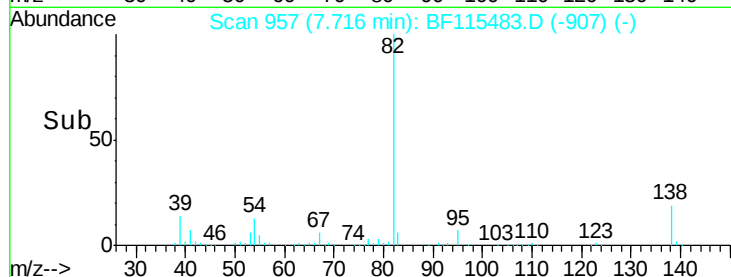
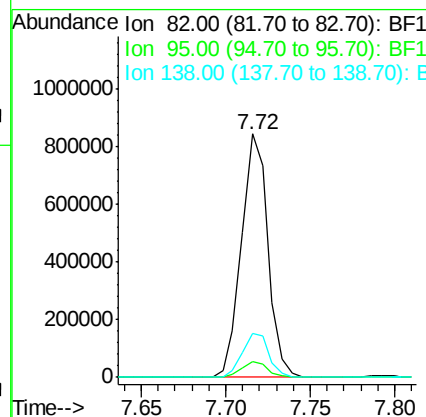
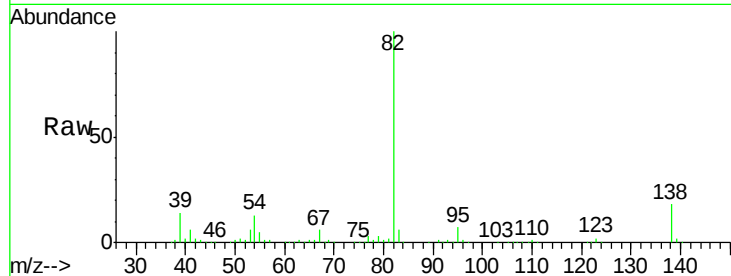
ClientSampleId :

SSTDCCC040

Tgt Ion:	82	Resp:	923809
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.4	8.2
138	18.3	15.1	22.7

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#26

2-Nitrophenol

Concen: 46.207 ng

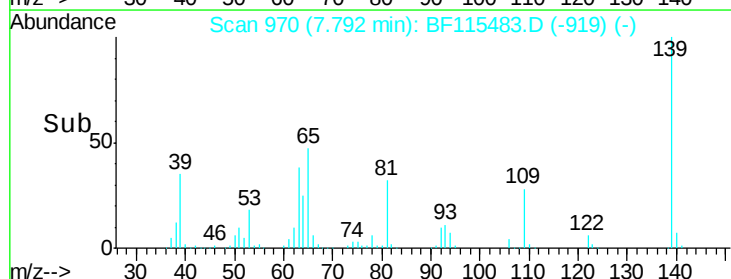
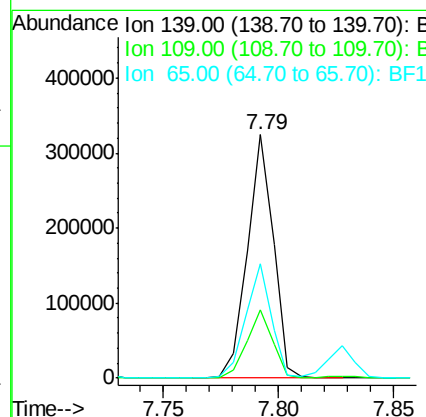
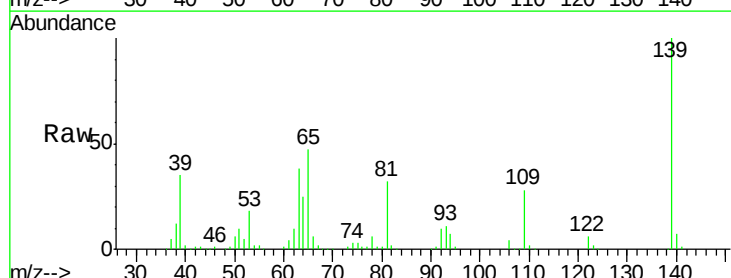
RT: 7.79 min Scan# 970

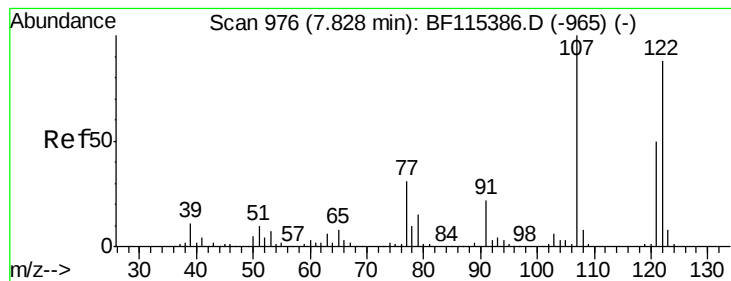
Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	139	Resp:	255991
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.2	33.4
65	47.2	37.5	56.3





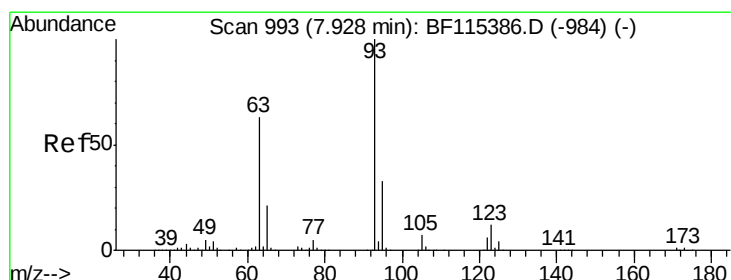
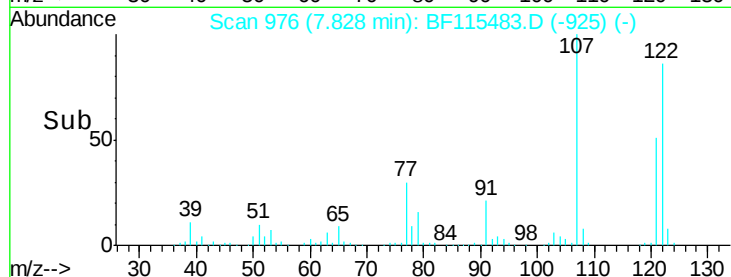
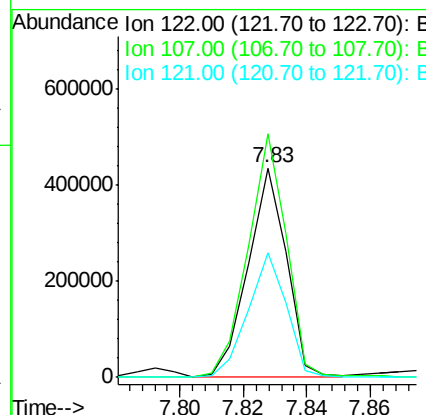
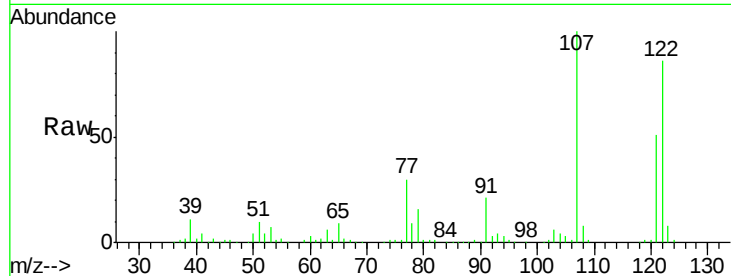
#27
 2,4-Dimethylphenol
 Concen: 34.736 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.5	91.7	137.5
121	59.5	47.7	71.5

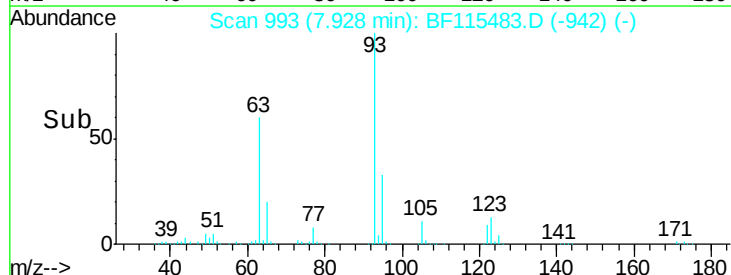
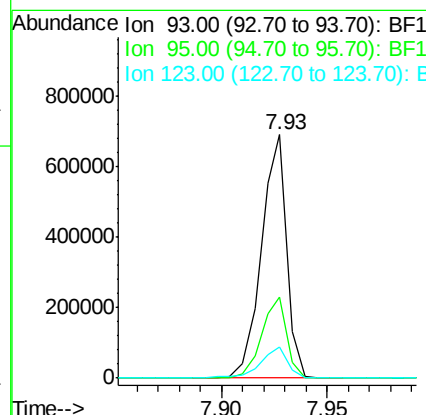
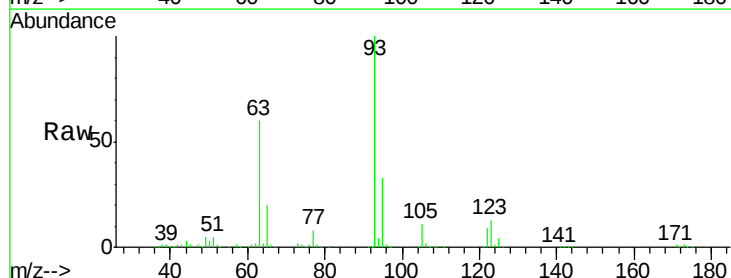
Manual Integrations
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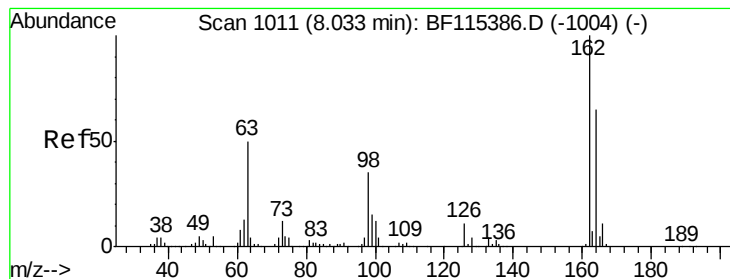
mohammad
 7/11/2019 5:22:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.949 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	12.8	10.4	15.6





#29

2,4-Dichlorophenol

Concen: 38.435 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

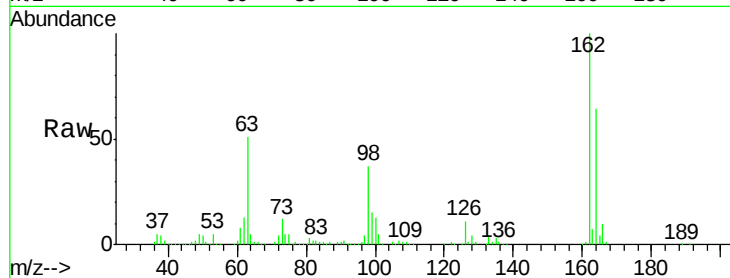
ClientSampleId :

SSTDCCC040

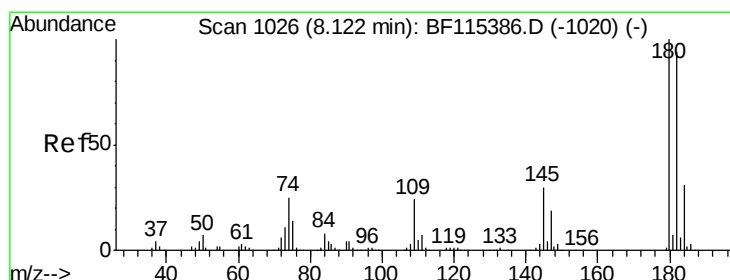
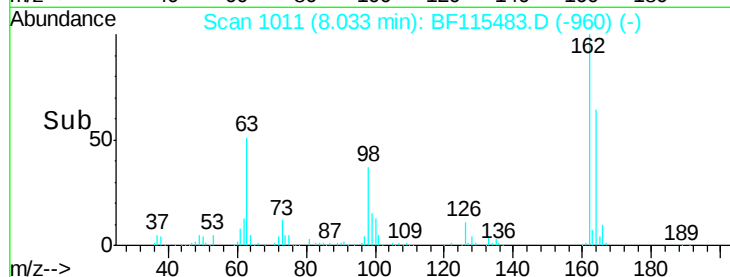
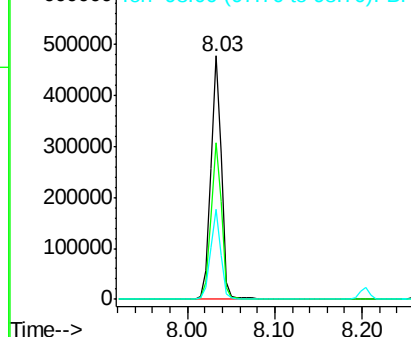
Tgt Ion:	162	Resp:	404410
Ion Ratio		Lower	Upper
162	100		
164	64.2	45.2	85.2
98	37.0	17.0	57.0

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



#30

1,2,4-Trichlorobenzene

Concen: 38.921 ng

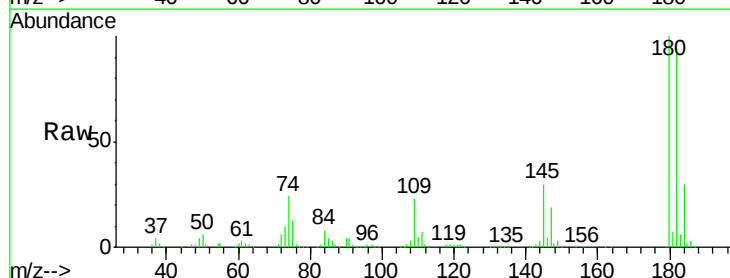
RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

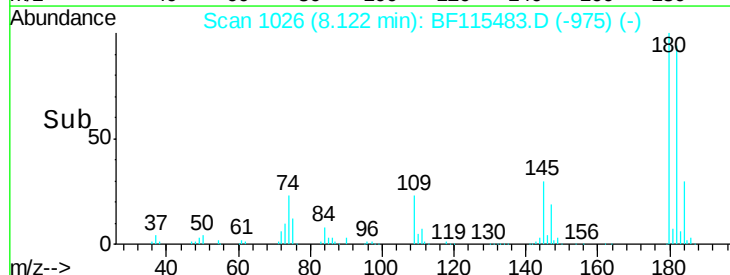
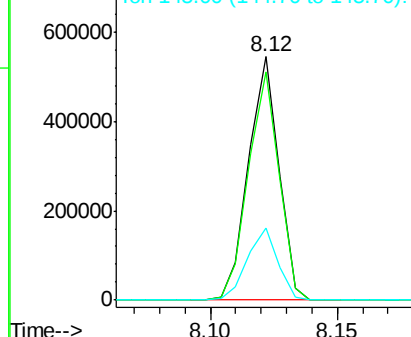
Lab File: BF115483.D

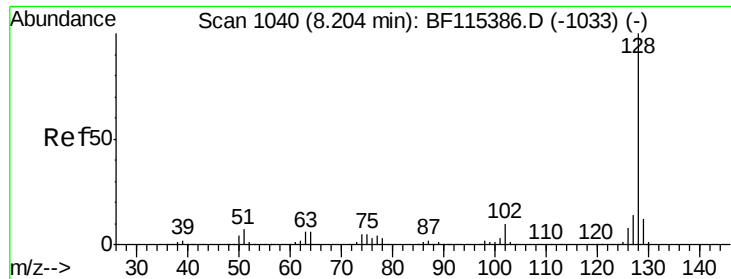
Acq: 11 Jul 2019 4:46

Tgt Ion:	180	Resp:	455902
Ion Ratio		Lower	Upper
180	100		
182	93.6	77.1	115.7
145	29.5	23.9	35.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





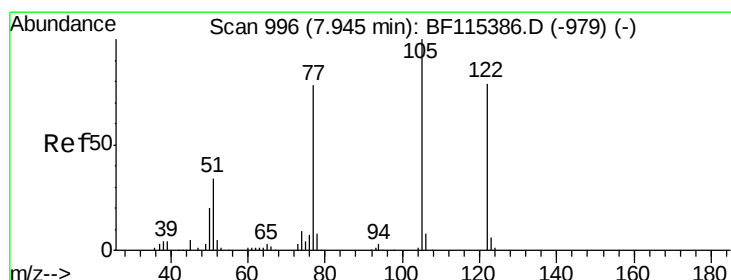
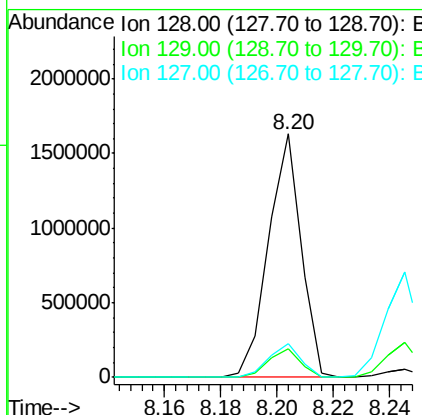
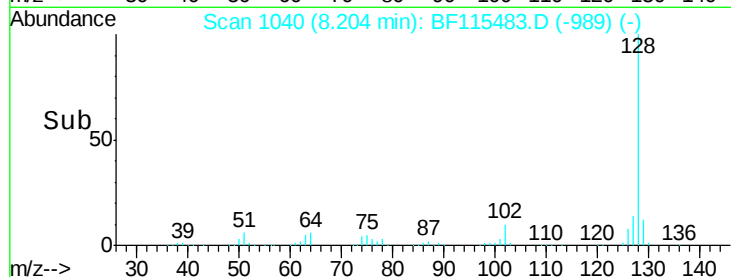
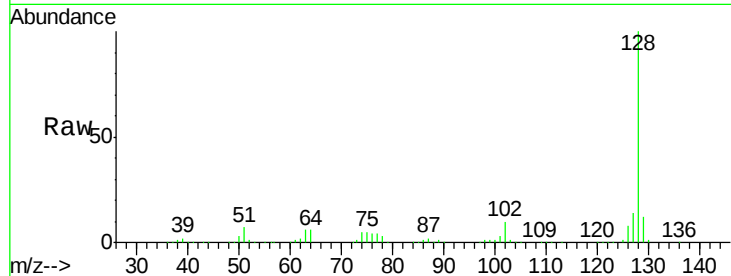
#31
Naphthalene
Concen: 37.365 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1308404
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.0 11.1 16.7

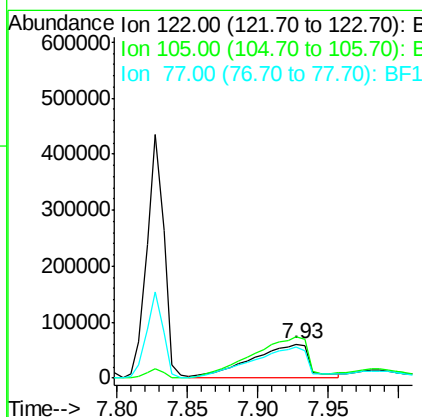
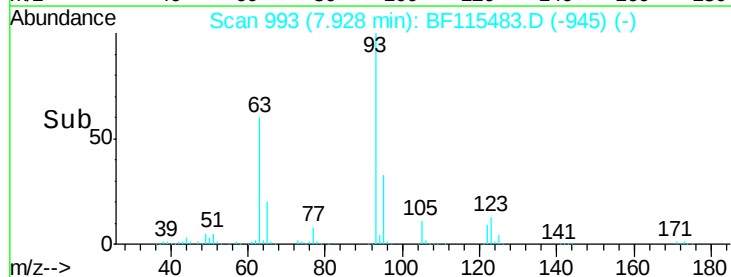
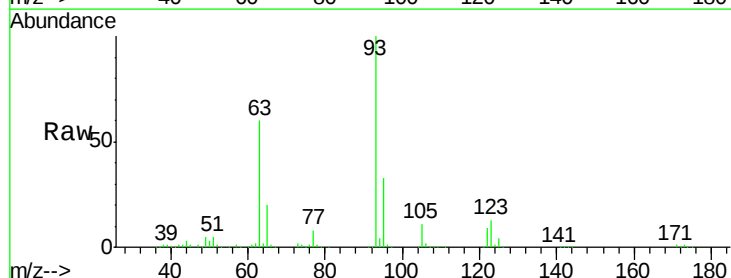
Manual Integrations
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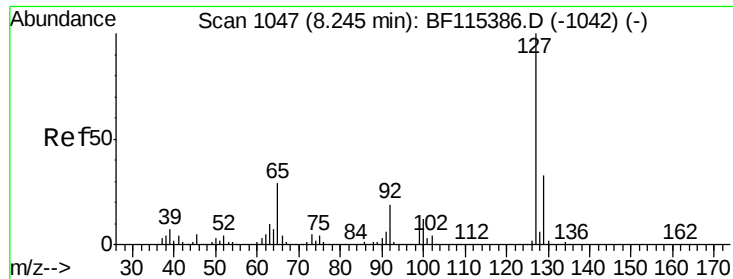
mohammad
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#32
Benzoic acid
Concen: 25.910 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion:122 Resp: 174921
Ion Ratio Lower Upper
122 100
105 122.1 101.6 141.6
77 91.7 69.1 109.1





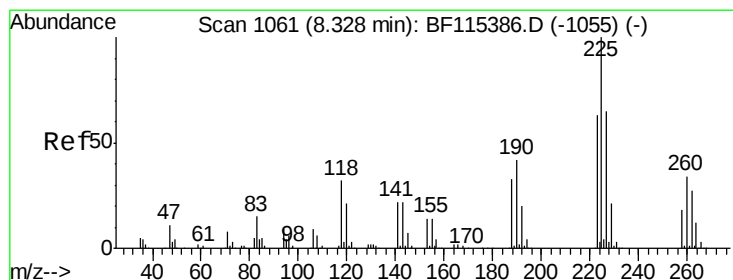
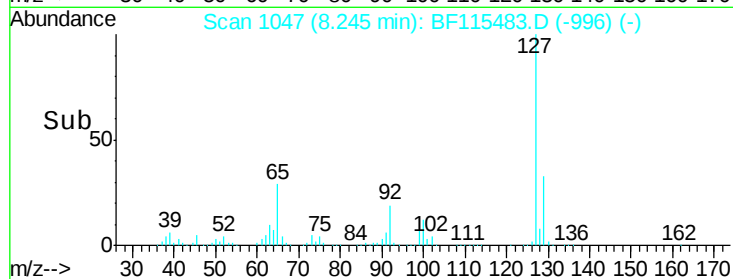
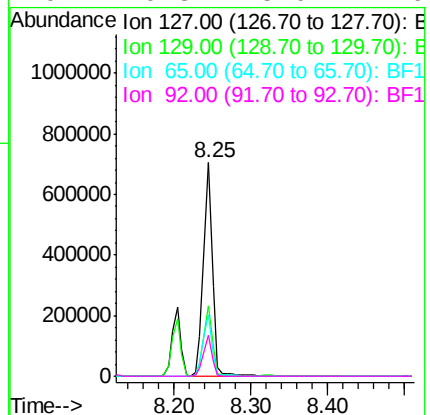
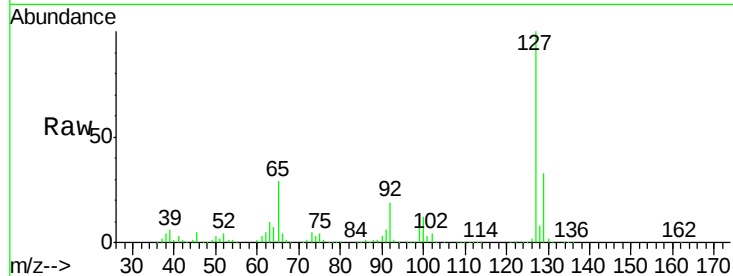
#33
4-Chloroaniline
Concen: 38.079 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	594936		
129	32.9	26.1	39.1	
65	29.1	23.2	34.8	
92	19.3	15.0	22.6	

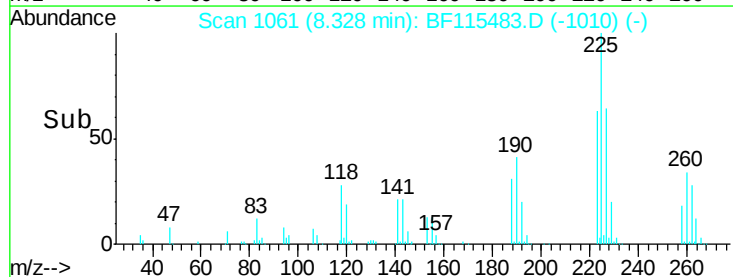
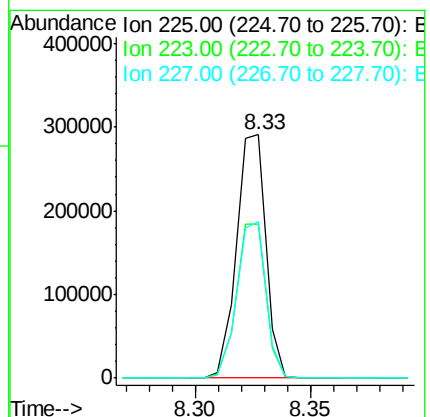
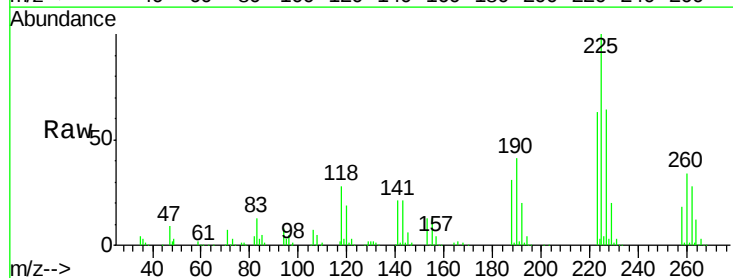
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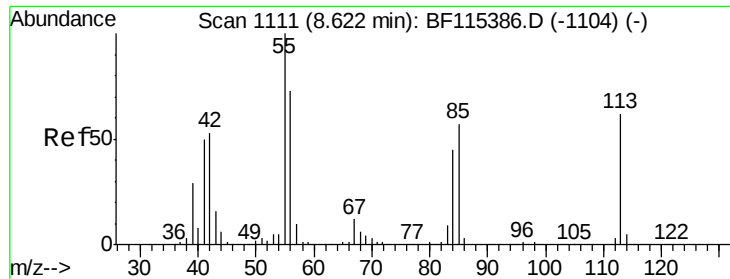
mohammad
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#34
Hexachlorobutadiene
Concen: 38.956 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	258782		
223	63.1	50.6	76.0	
227	64.1	51.4	77.2	





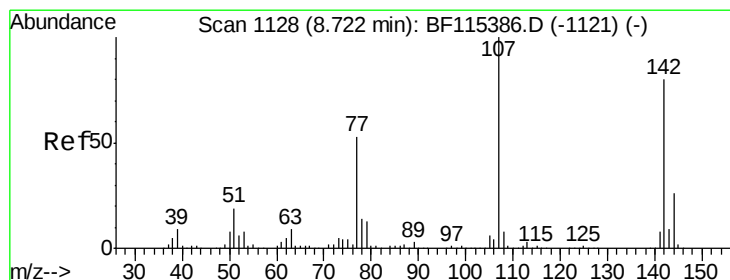
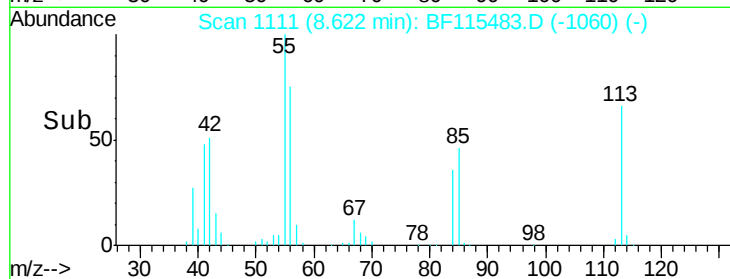
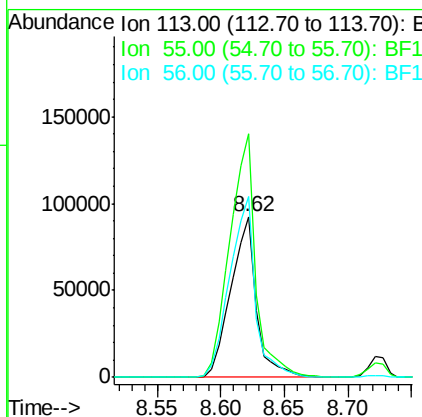
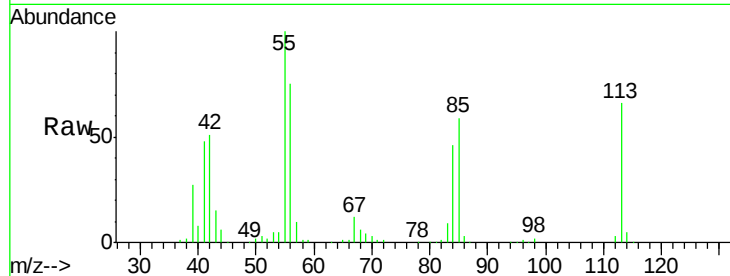
#35
 Caprolactam
 Concen: 37.501 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	128514		
55	151.4	138.1	178.1	
56	112.8	95.7	135.7	

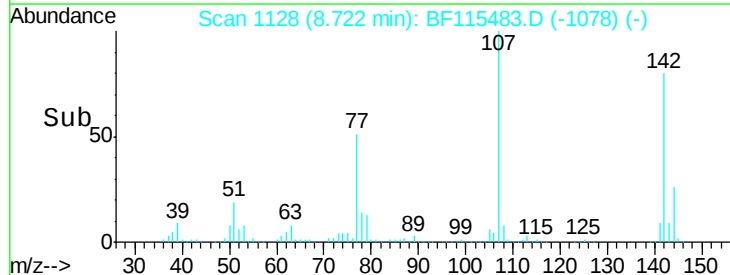
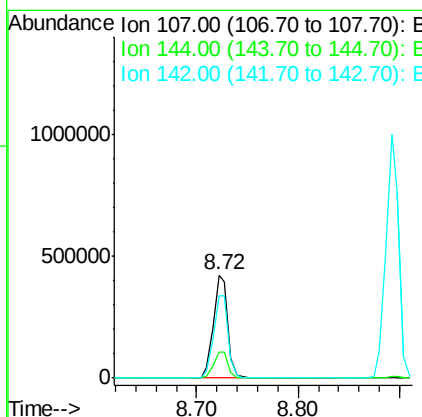
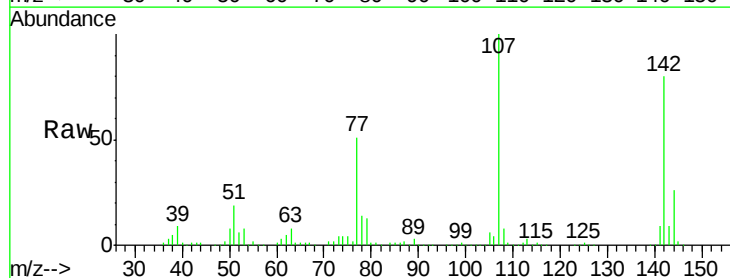
Manual Integrations
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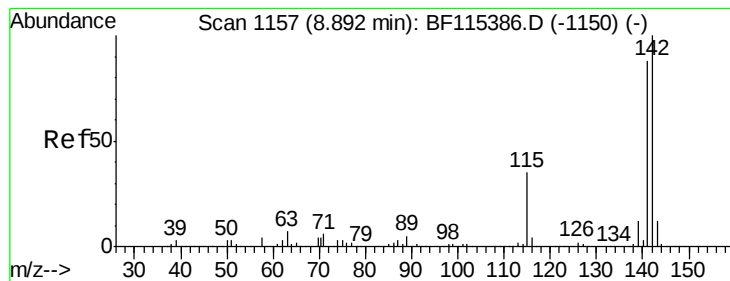
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 37.561 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	418038		
144	25.6	21.5	32.3	
142	79.9	66.2	99.2	





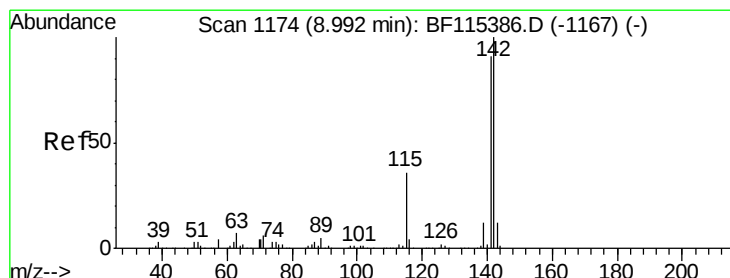
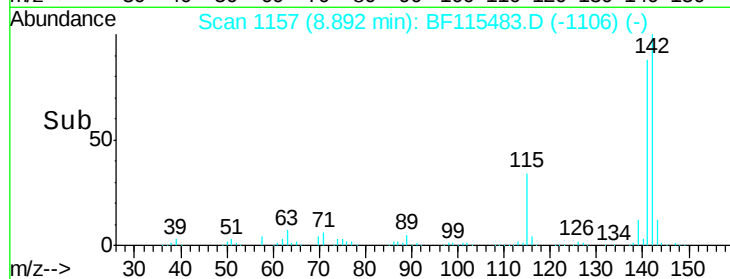
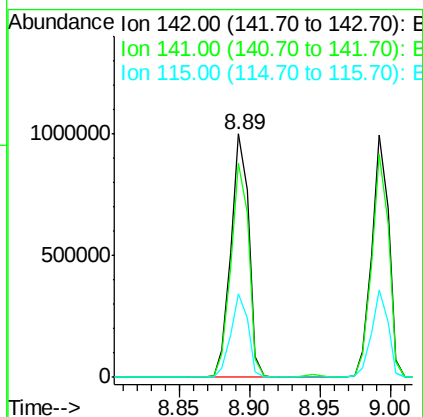
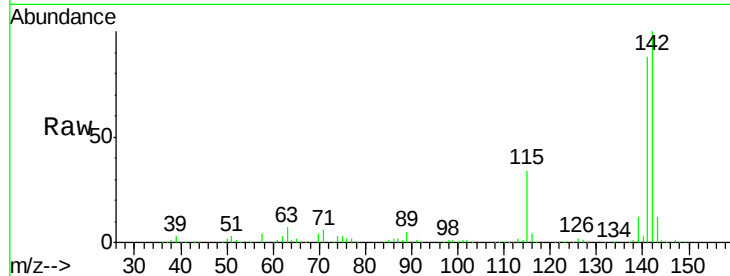
#37
2-Methylnaphthalene
Concen: 37.900 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	887065		
141	87.9	72.1	108.1	
115	34.4	27.6	41.4	

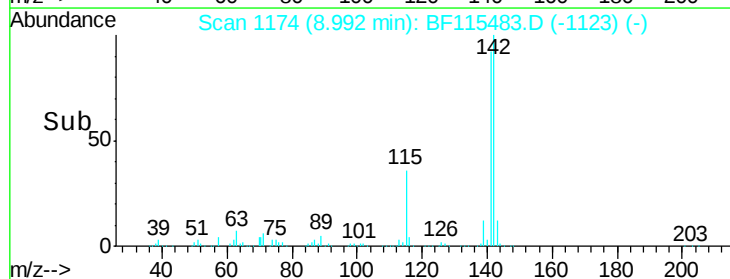
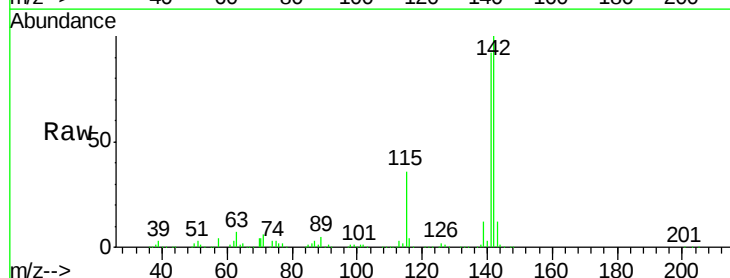
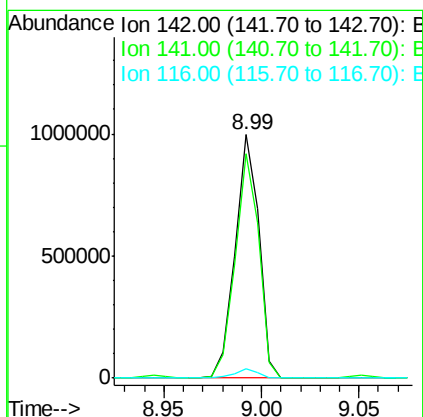
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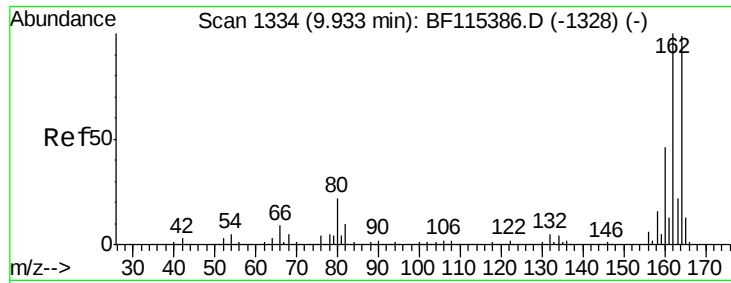
mohammad
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#38
1-Methylnaphthalene
Concen: 37.600 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	839665		
141	92.3	74.3	111.5	
116	3.8	3.1	4.7	





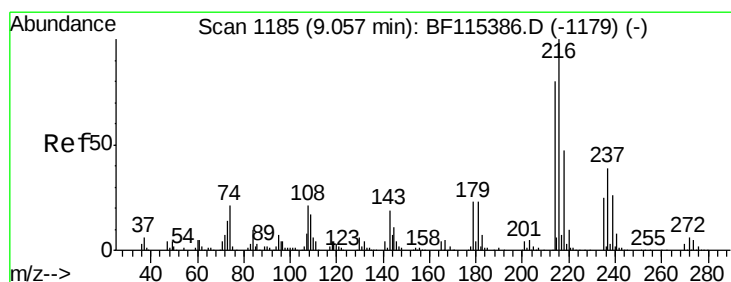
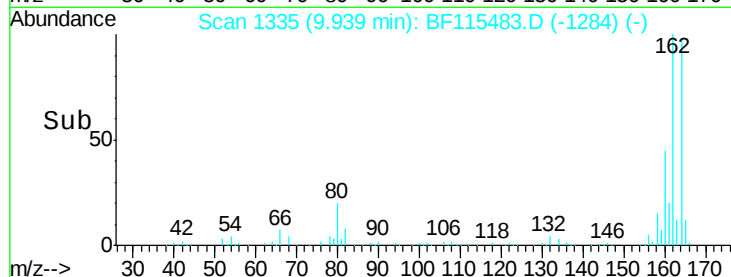
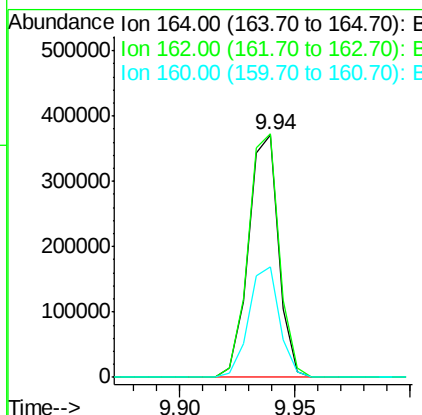
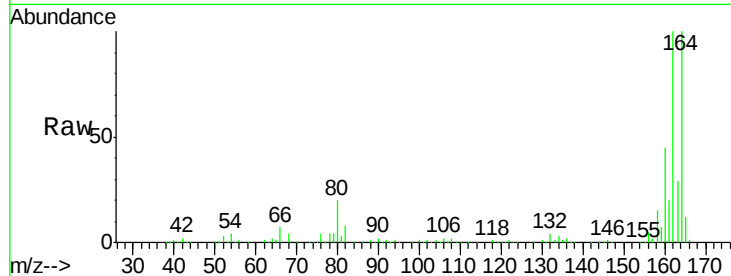
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	338631		
162	100.4	82.3	123.5	
160	45.4	37.2	55.8	

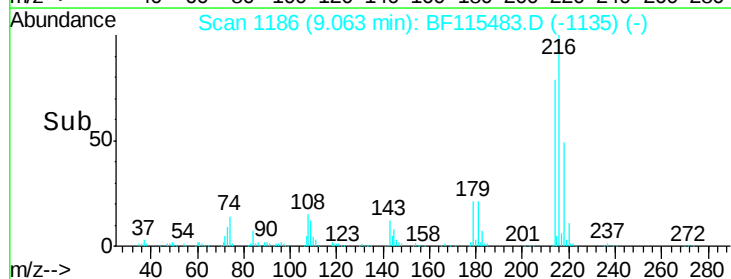
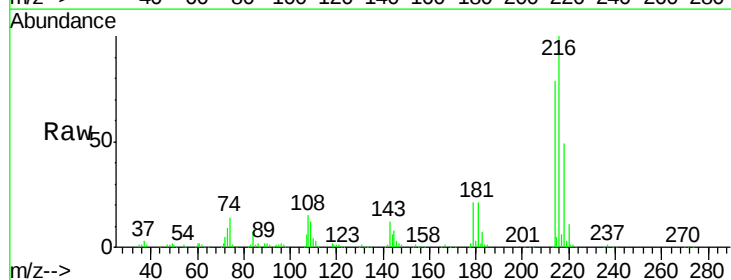
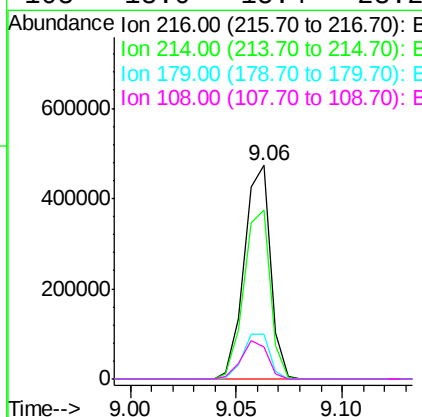
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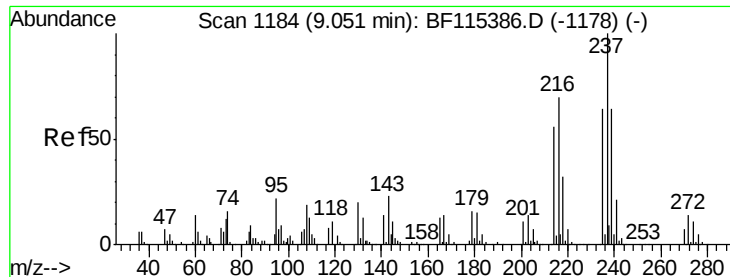
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.824 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	407445		
214	79.7	63.0	94.6	
179	22.0	17.4	26.0	
108	18.0	15.4	23.2	





#41

Hexachlorocyclopentadiene

Concen: 14.535 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

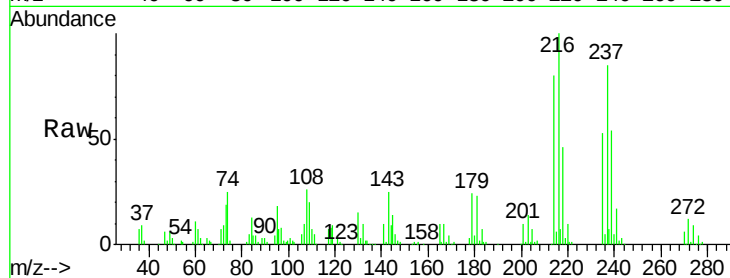
ClientSampleId :

SSTDCCC040

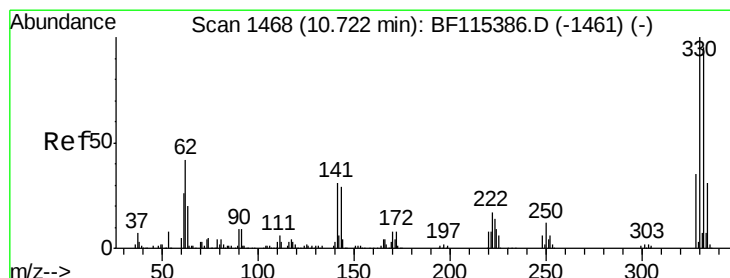
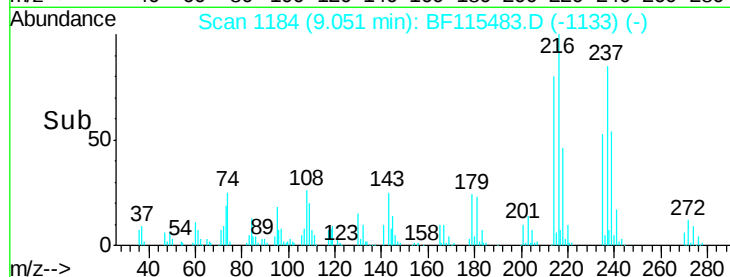
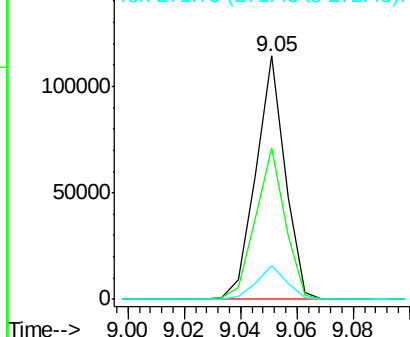
Tgt Ion:	237	Resp:	82072
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.4	83.4
272	13.6	0.0	33.6

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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: 77.849 ng

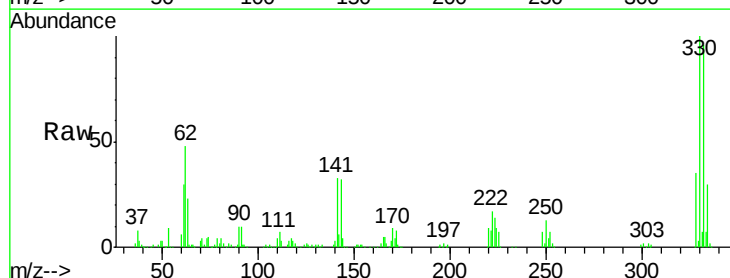
RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

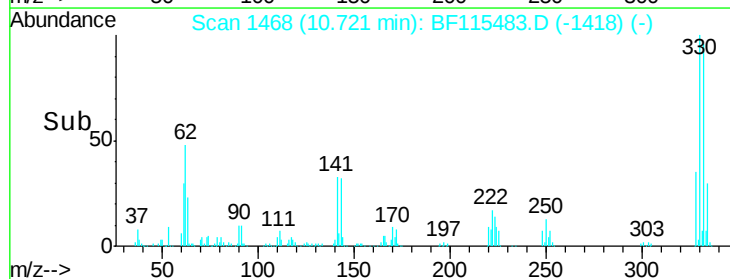
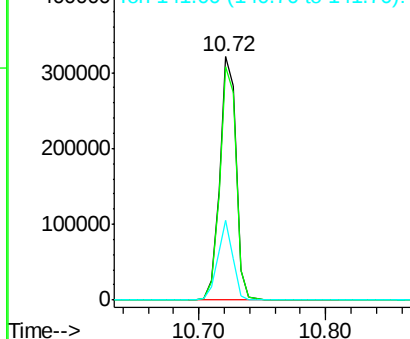
Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	330	Resp:	291476
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	30.6	24.7	37.1



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





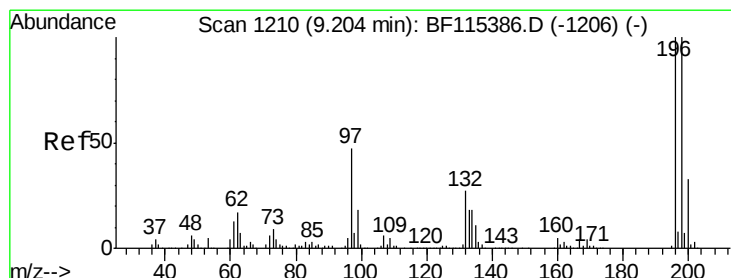
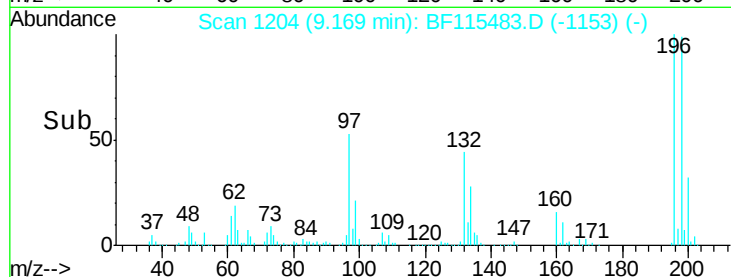
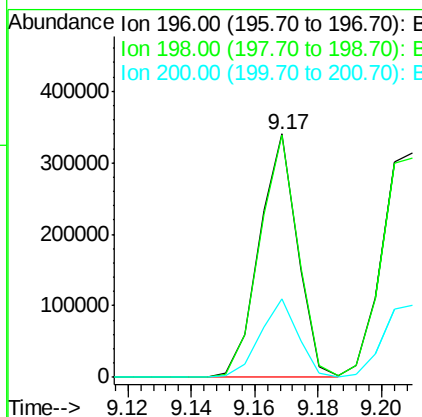
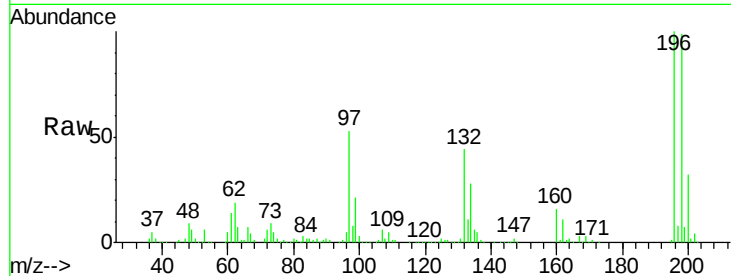
#43
 2,4,6-Trichlorophenol
 Concen: 40.154 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284788		
198	99.4	78.2	117.4	
200	32.1	25.0	37.6	

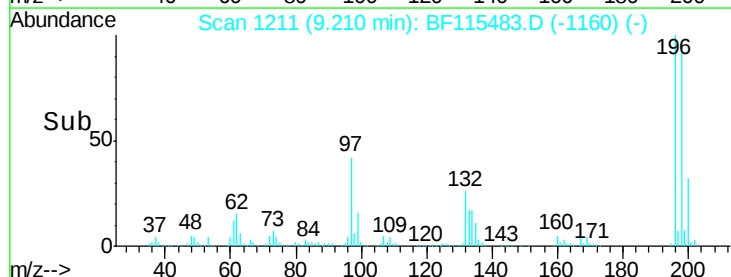
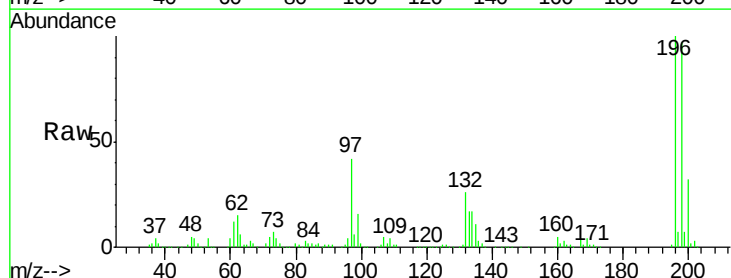
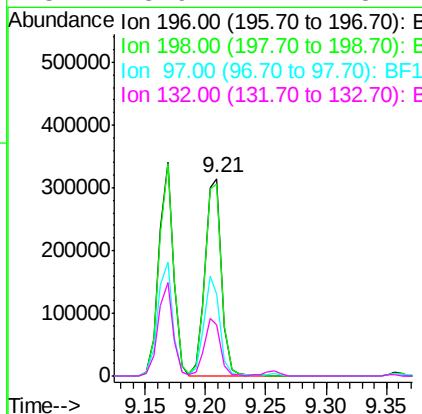
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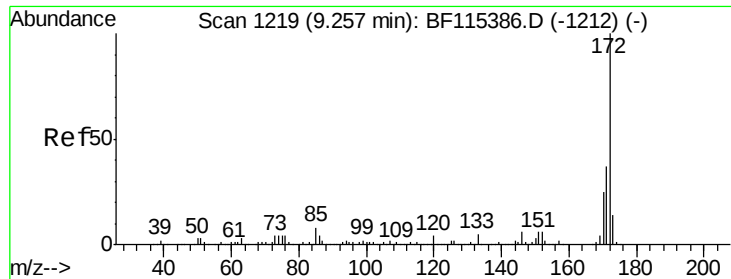
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#44
 2,4,5-Trichlorophenol
 Concen: 40.442 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	297419		
198	97.5	80.6	120.8	
97	41.9	34.0	51.0	
132	25.9	21.4	32.2	





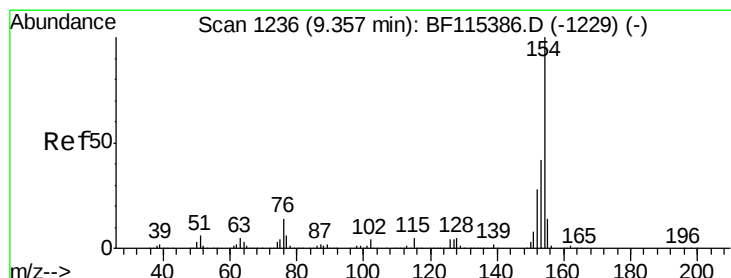
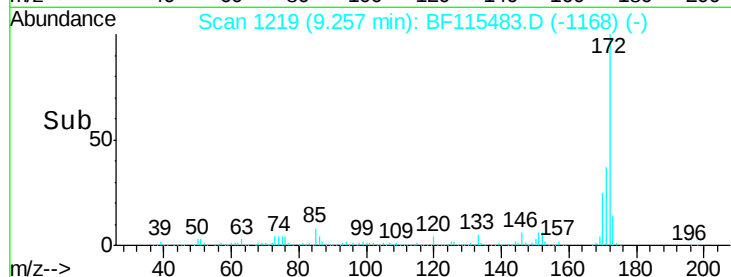
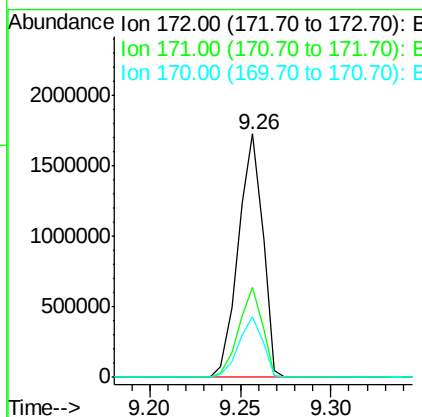
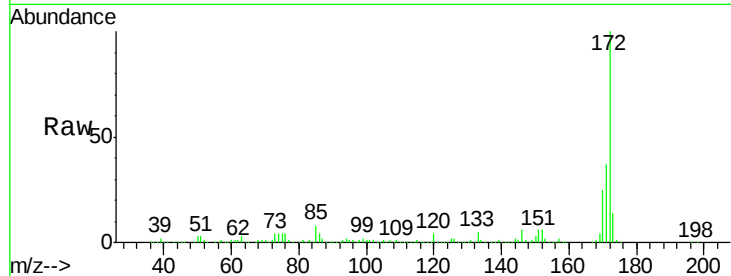
#45
2-Fluorobiphenyl
Concen: 83.450 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1610424
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.8
170 25.1 20.0 30.0

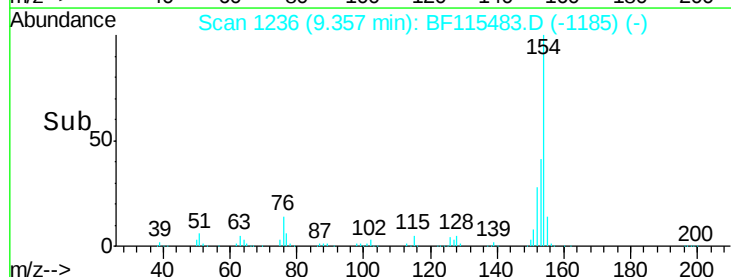
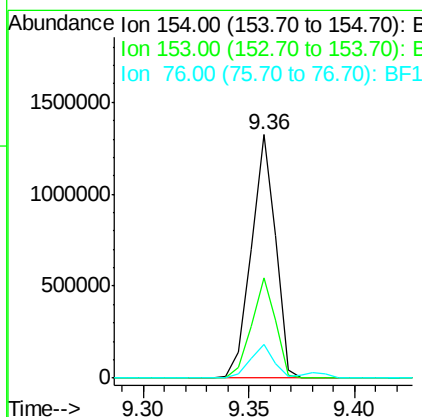
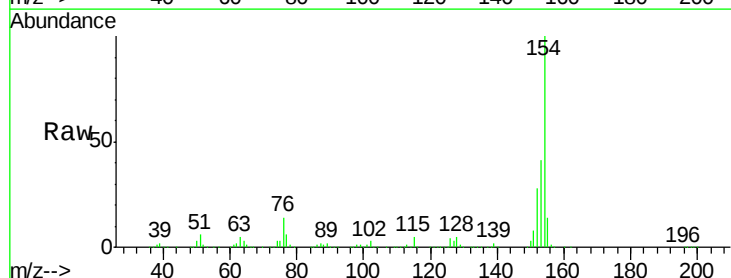
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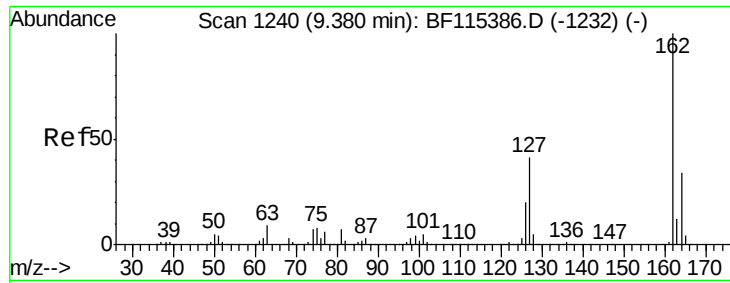
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#46
1,1'-Biphenyl
Concen: 39.661 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion:154 Resp: 1055841
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 13.9 0.0 34.6





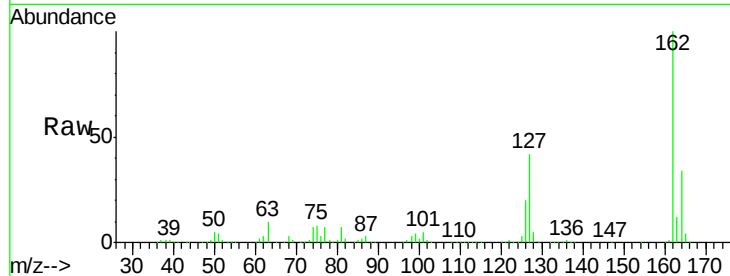
#47
 2-Chloronaphthalene
 Concen: 39.593 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

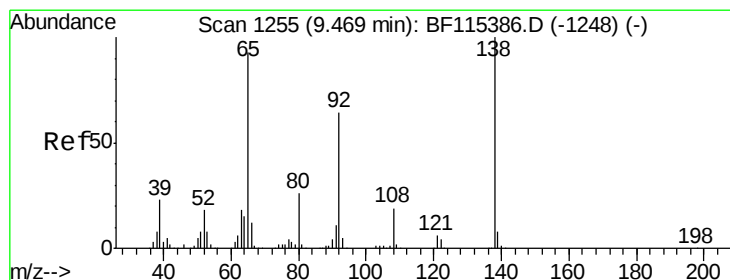
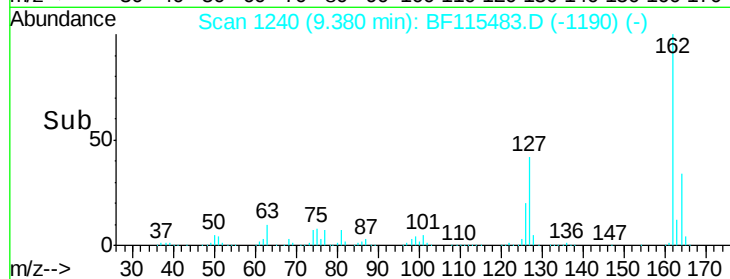
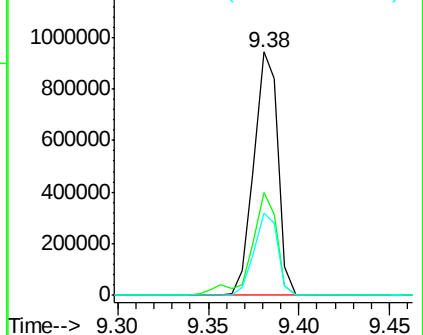
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	871124		
127	42.2	31.4	47.0	
164	33.6	27.2	40.8	

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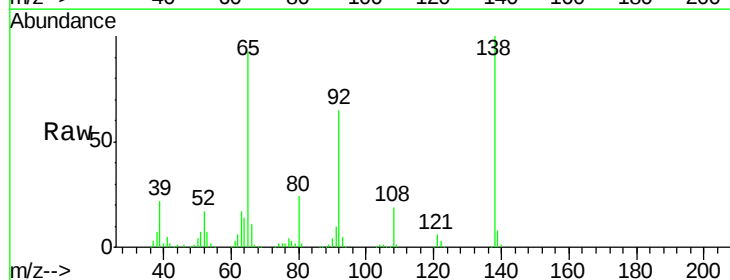


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

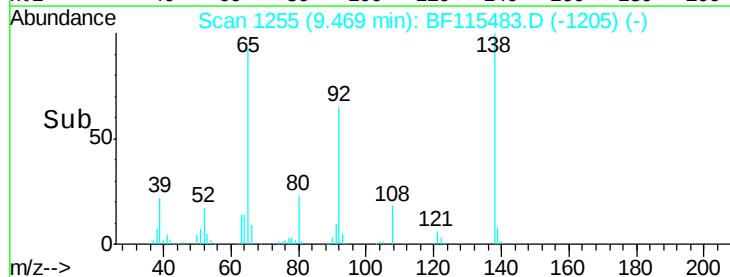
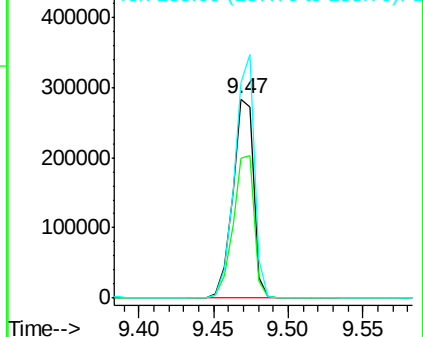


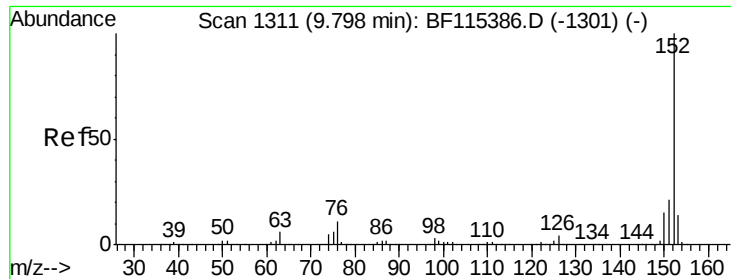
#48
 2-Nitroaniline
 Concen: 43.467 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	280982		
92	70.4	59.0	88.4	
138	108.0	98.3	147.5	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





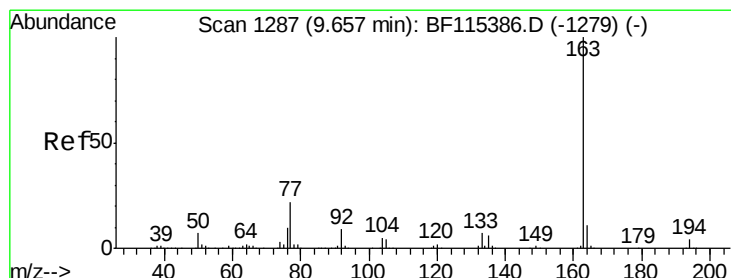
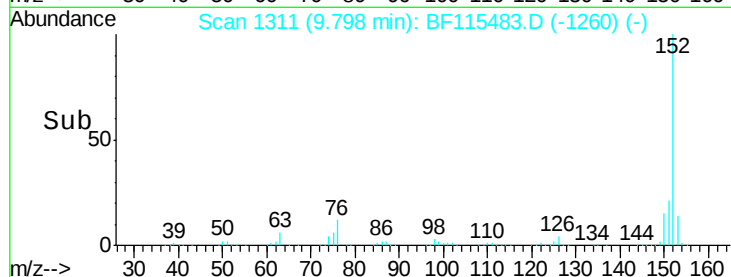
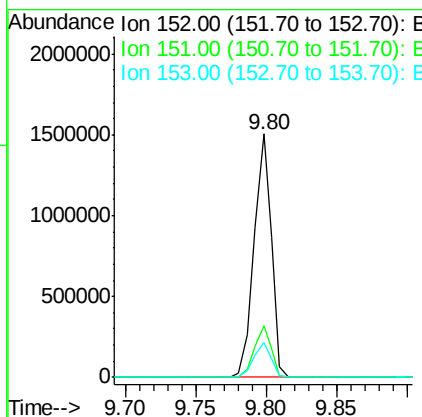
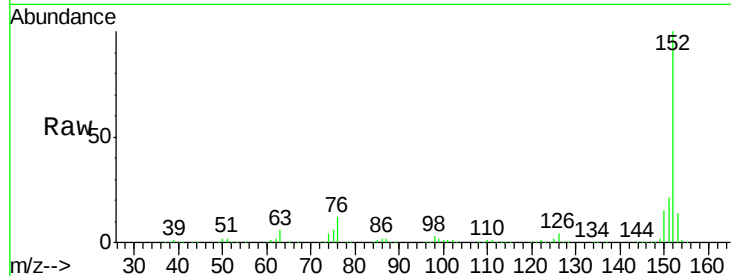
#49
Acenaphthylene
Concen: 38.971 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1298208
Ion Ratio Lower Upper
152 100
151 21.2 17.1 25.7
153 14.4 11.8 17.6

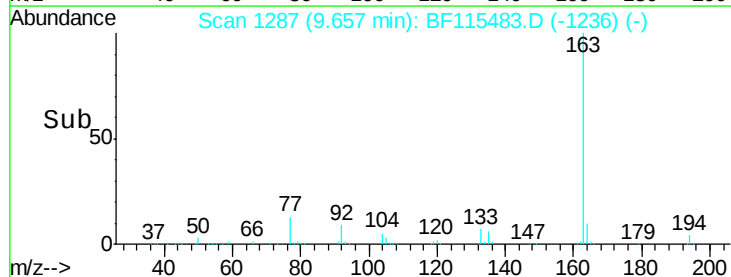
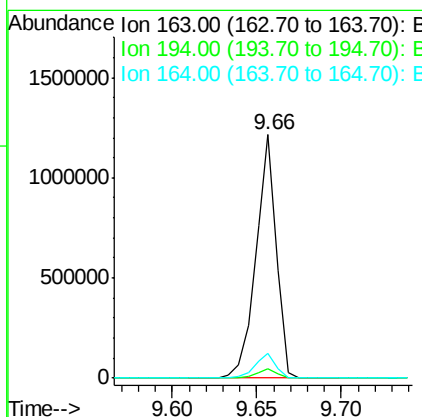
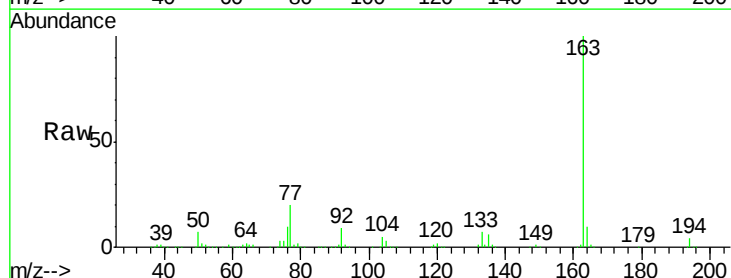
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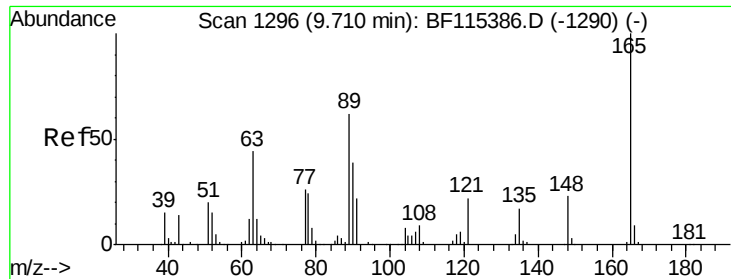
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#50
Dimethylphthalate
Concen: 40.164 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion:163 Resp: 1020824
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.6 13.0





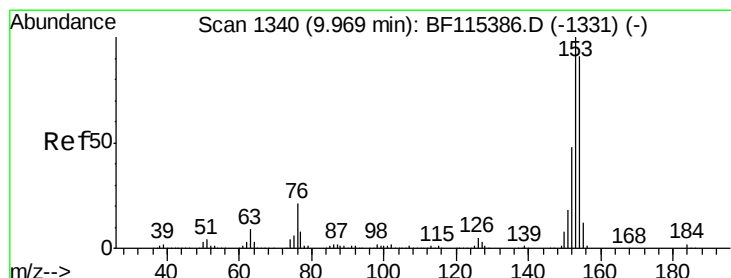
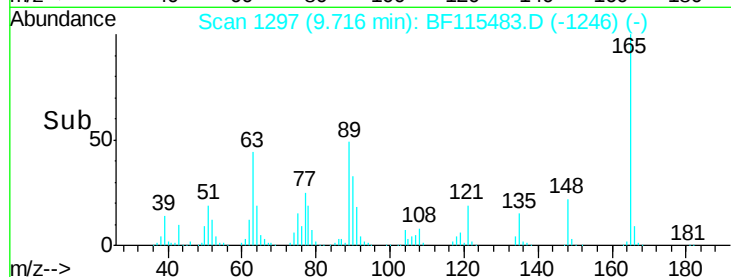
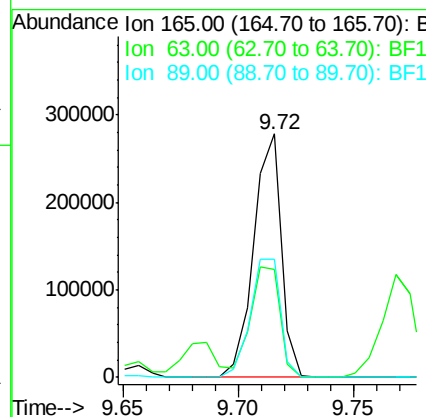
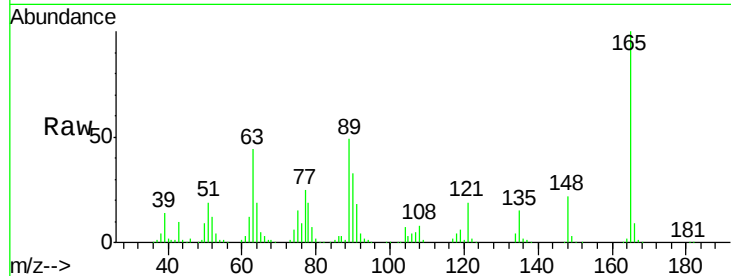
#51
 2,6-Dinitrotoluene
 Concen: 42.322 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	233290		
63	44.3	39.7	59.5	
89	48.5	42.8	64.2	

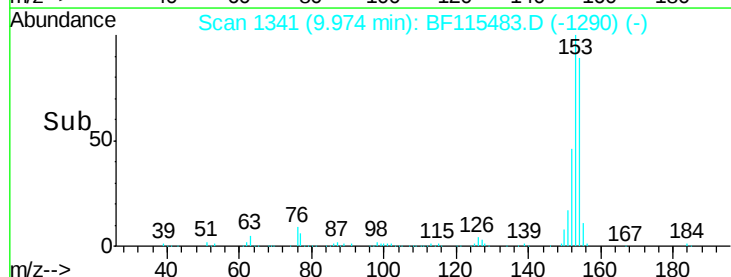
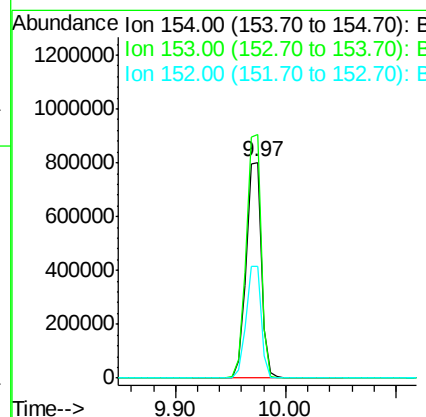
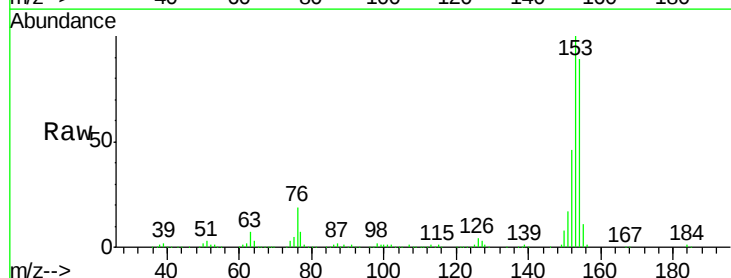
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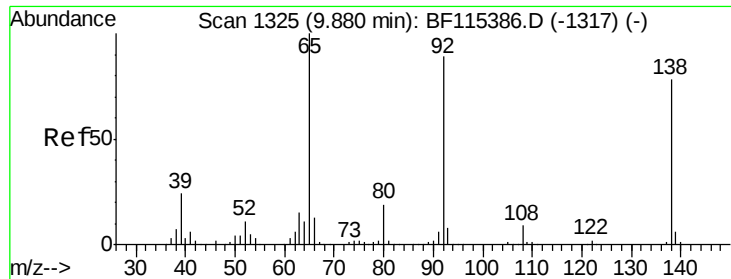
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#52
 Acenaphthene
 Concen: 37.377 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	783622		
153	112.9	89.8	134.8	
152	52.1	41.4	62.0	





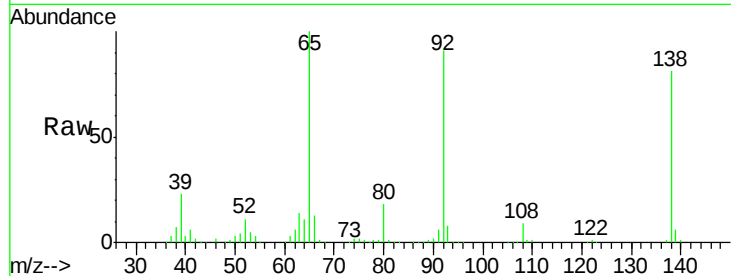
#53
3-Nitroaniline
Concen: 42.730 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

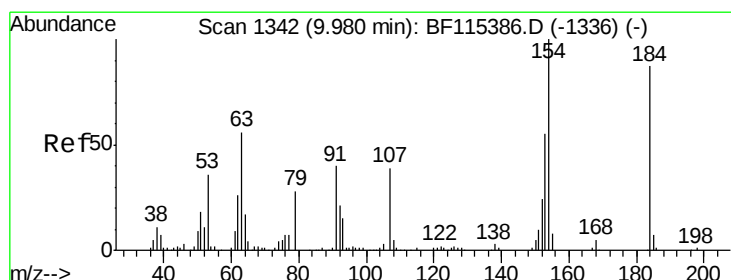
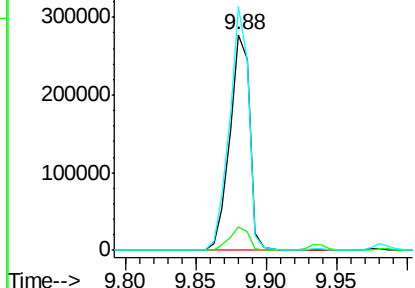
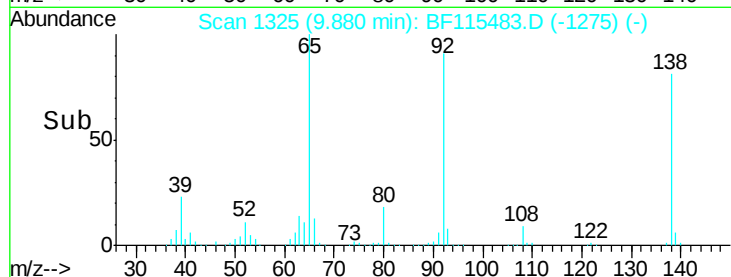
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	112.9	86.1	129.1

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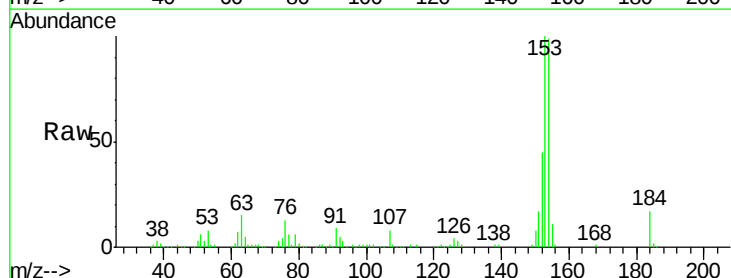


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

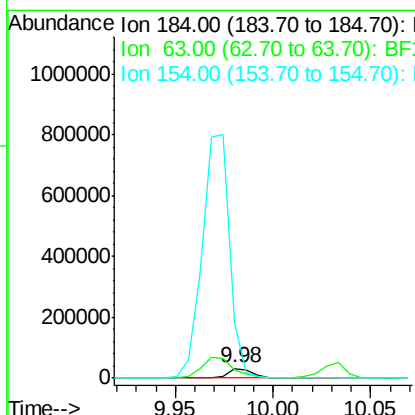
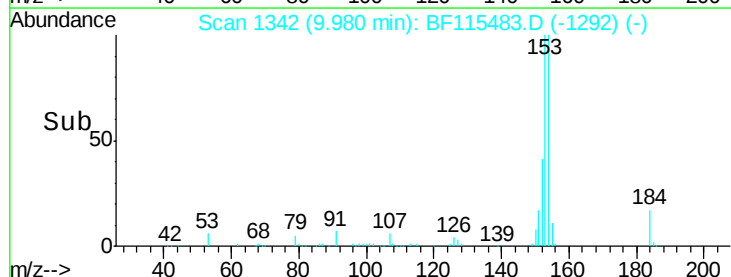


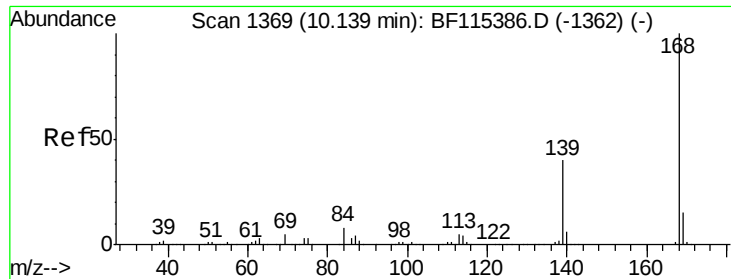
#54
2,4-Dinitrophenol
Concen: 19.948 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	87.8	45.8	68.6#
154	576.6	52.8	79.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





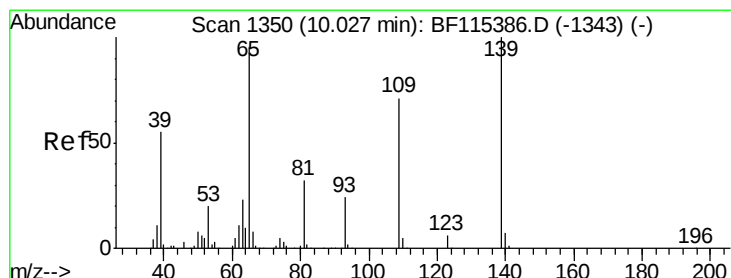
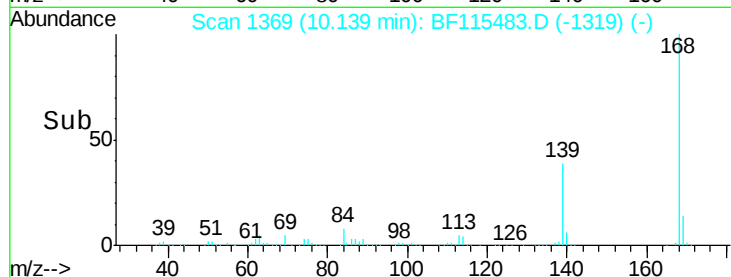
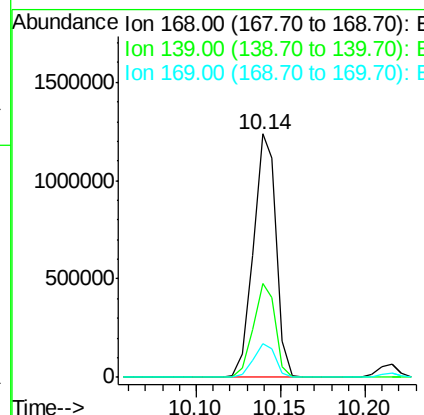
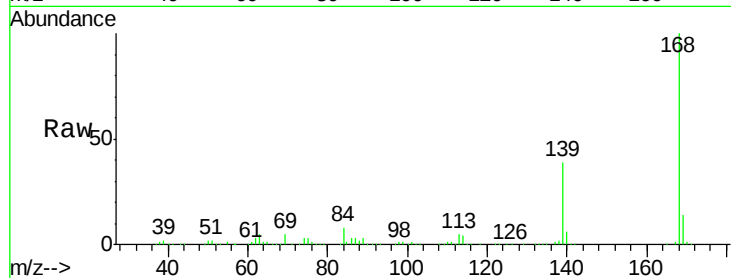
#55
Dibenzenofuran
Concen: 39.316 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.6	46.0
169	13.9	11.0	16.6

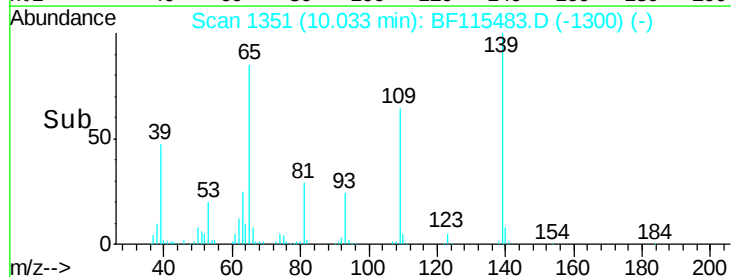
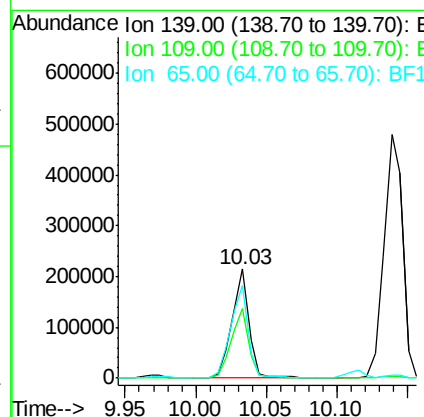
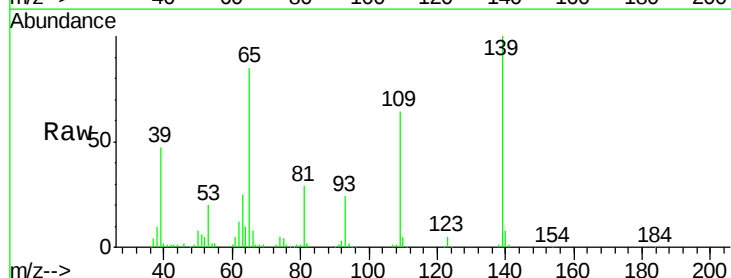
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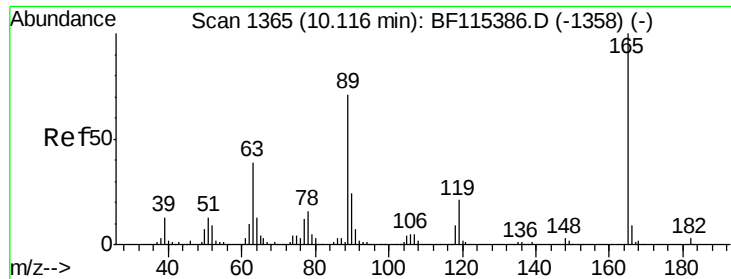
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#56
4-Nitrophenol
Concen: 37.133 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.3	46.4	86.4
65	85.3	73.4	113.4





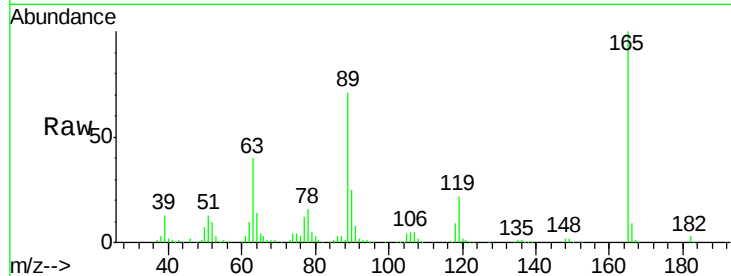
#57
2,4-Dinitrotoluene
Concen: 43.072 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

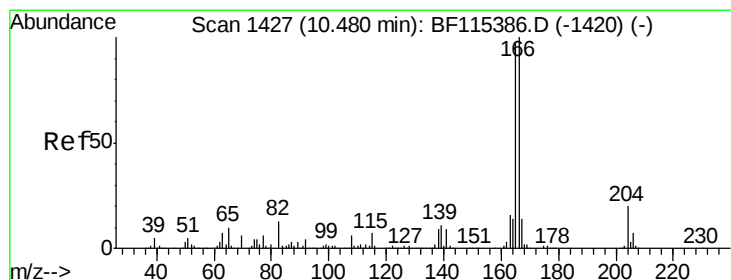
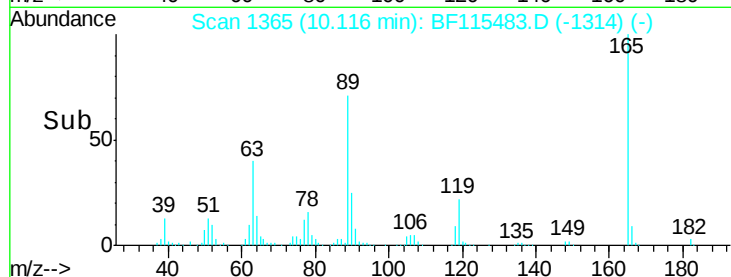
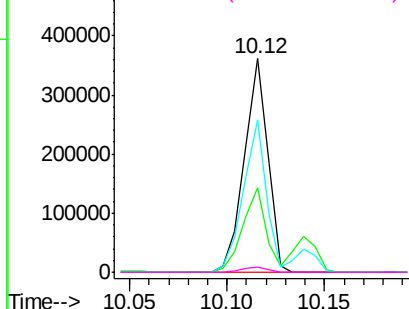
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	301735		
63	39.6	33.0	49.4	
89	71.1	58.5	87.7	
182	2.6	2.1	3.1	

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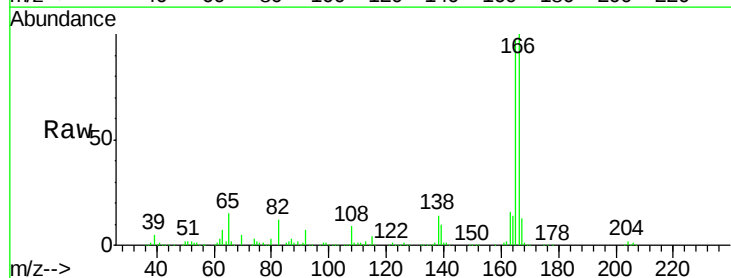


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

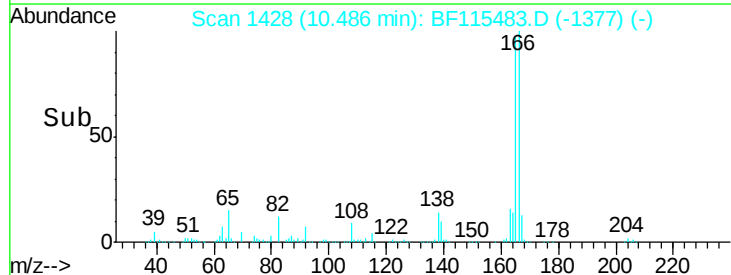
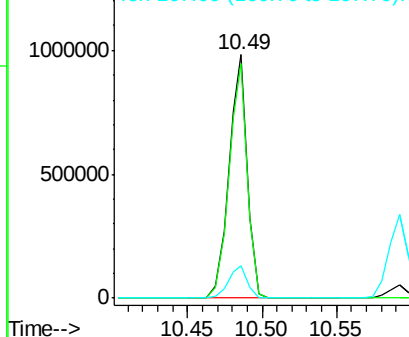


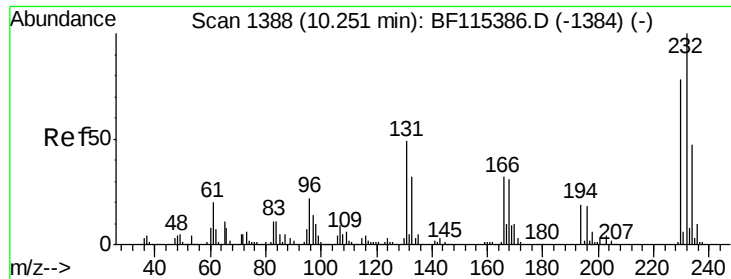
#58
Fluorene
Concen: 36.337 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	845951		
165	96.6	78.7	118.1	
167	13.3	10.8	16.2	



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





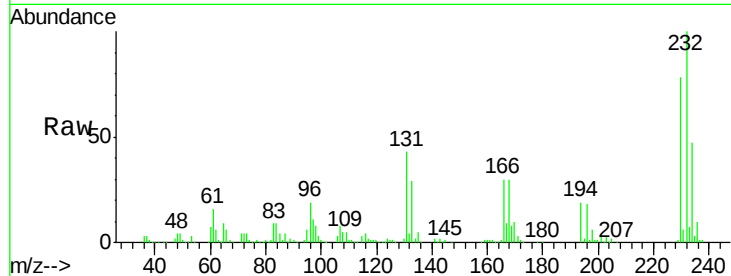
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.056 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

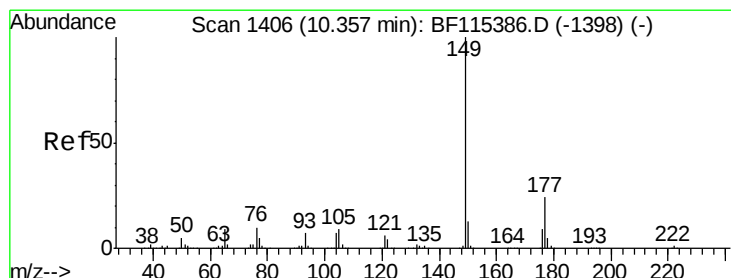
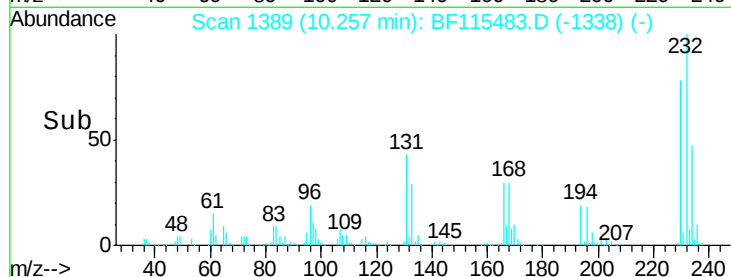
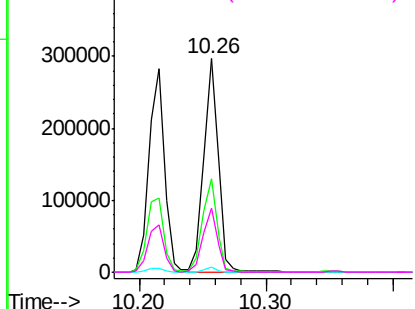
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	235421		
131	44.6	35.4	53.0	
130	2.2	1.7	2.5	
166	30.2	24.8	37.2	

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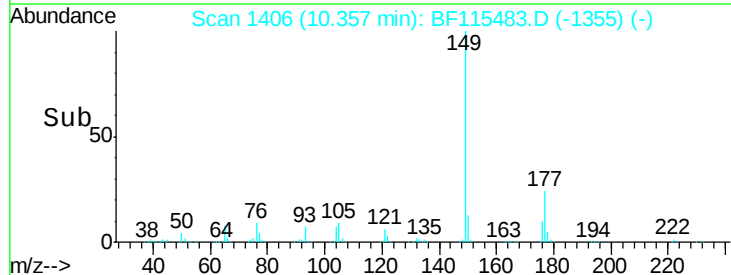
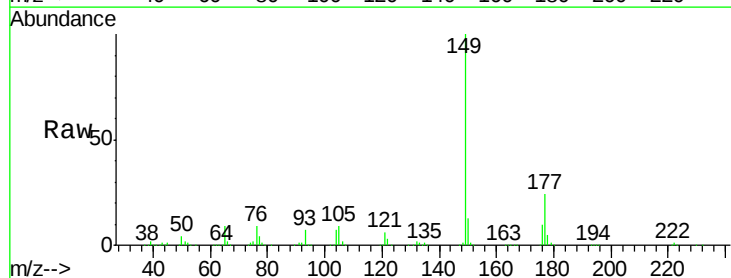
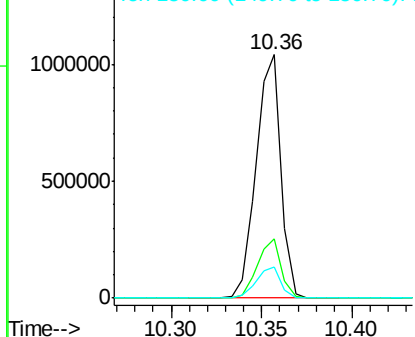
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.304 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	983298		
177	24.3	19.0	28.4	
150	12.8	10.4	15.6	

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





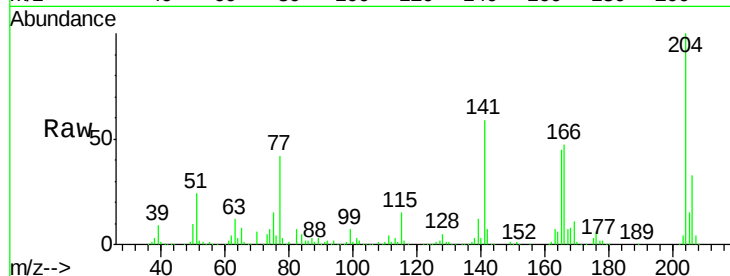
#61
 4-Chlorophenyl-phenylether
 Concen: 39.045 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

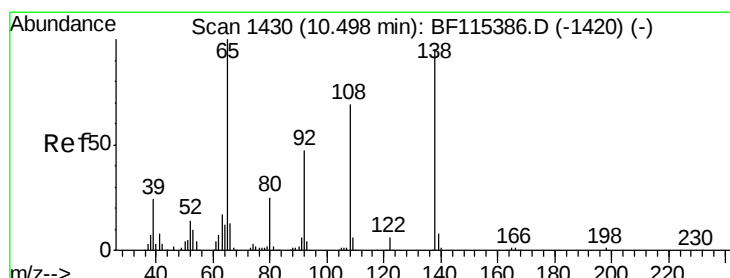
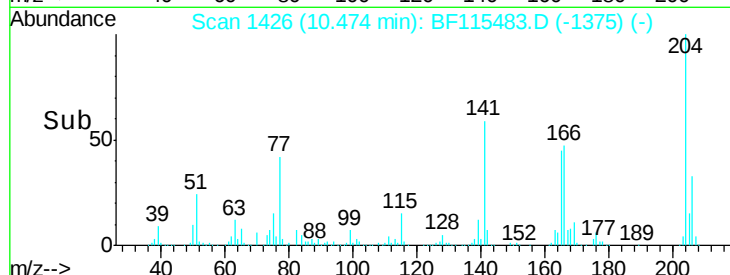
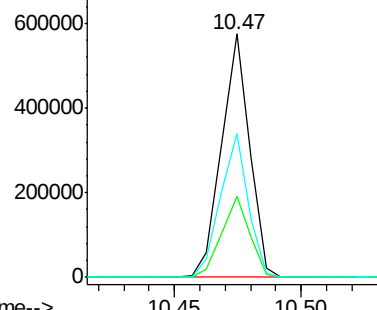
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.8	40.2
141	59.2	47.9	71.9

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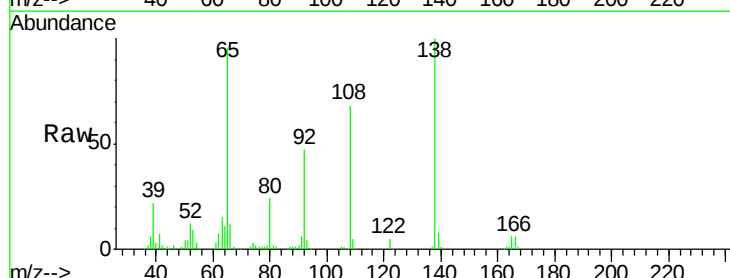


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

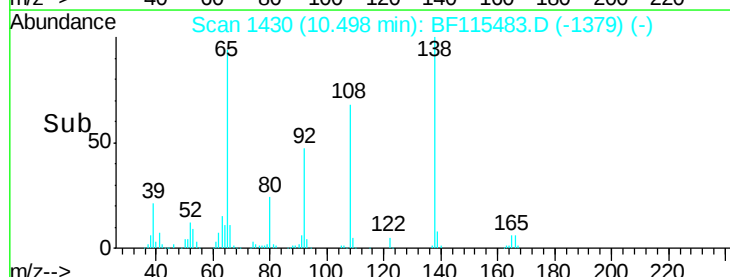
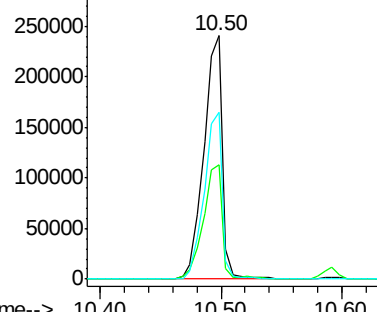


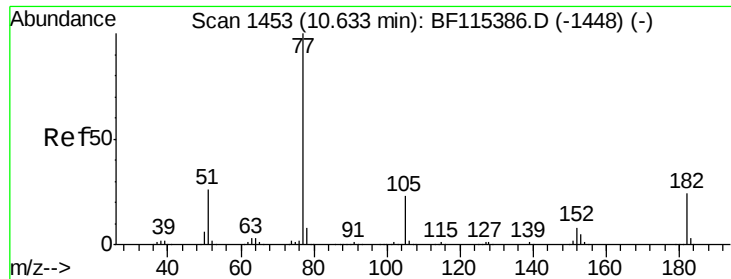
#62
 4-Nitroaniline
 Concen: 40.860 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	29.9	69.9
108	68.5	49.0	89.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





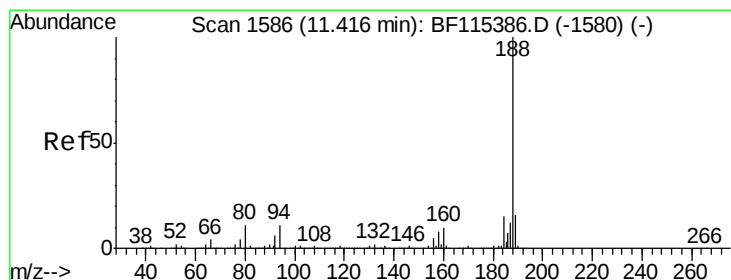
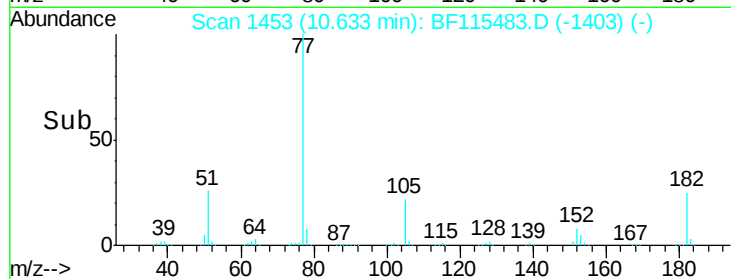
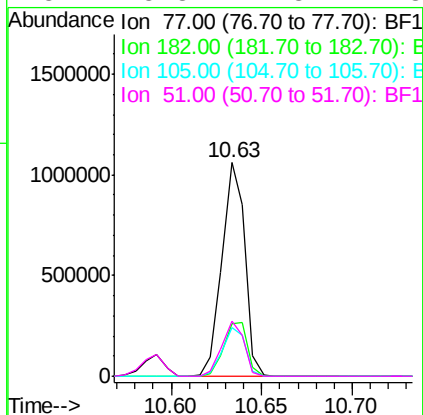
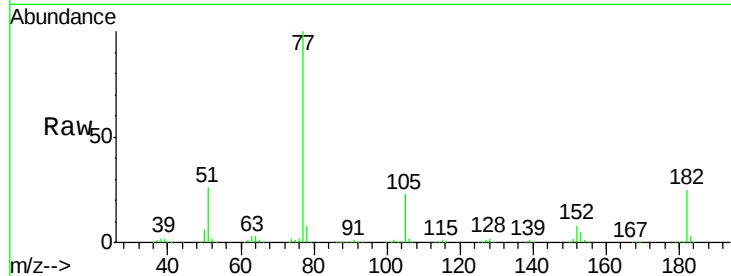
#63
Azobenzene
Concen: 36.166 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.5	7.7	47.7
105	22.8	3.6	43.6
51	25.8	4.8	44.8

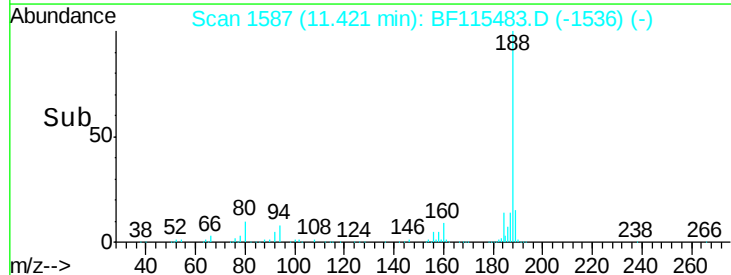
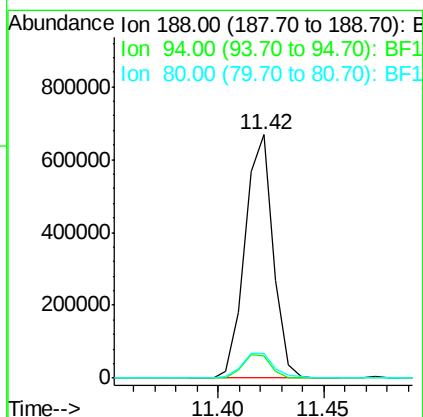
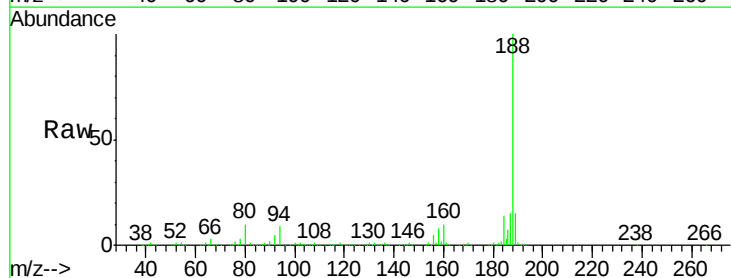
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.8
80	10.1	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 24.819 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

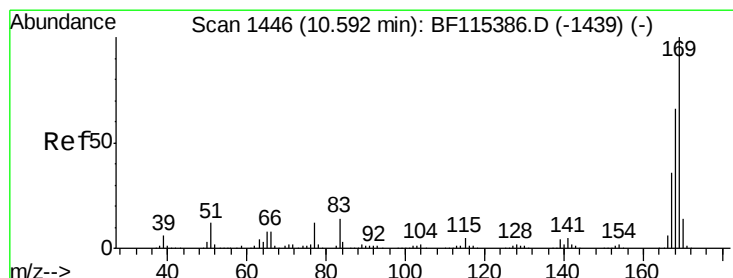
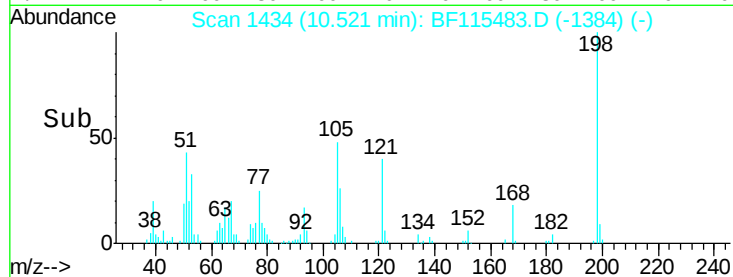
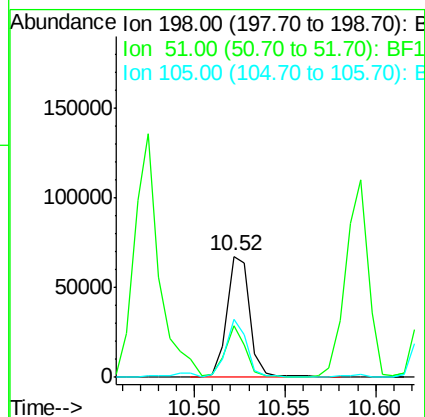
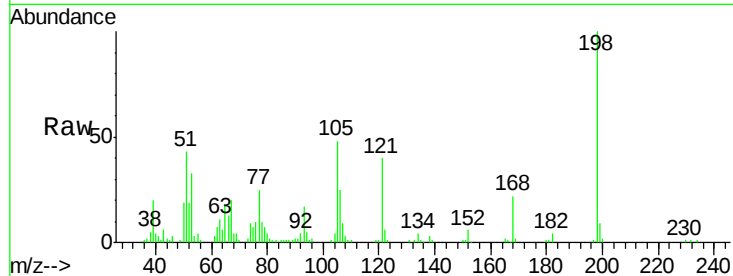
ClientSampleId :

SSTDCCC040

Tgt Ion:	198	Resp:	59946
Ion Ratio	Lower	Upper	
198	100		
51	42.7	20.7	60.7
105	47.9	25.3	65.3

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#66

n-Nitrosodiphenylamine

Concen: 41.182 ng

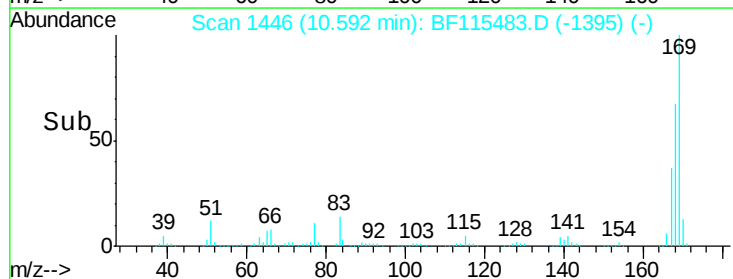
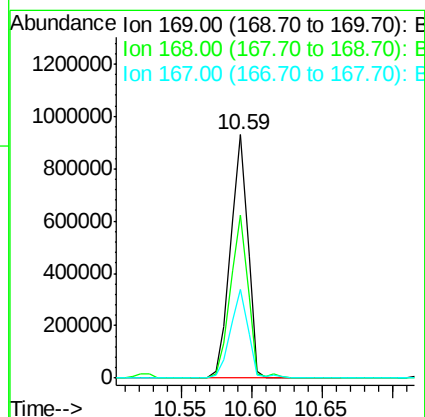
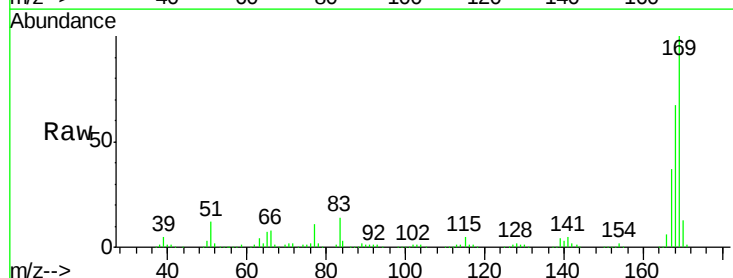
RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	169	Resp:	799904
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.2	79.8
167	36.6	29.4	44.2





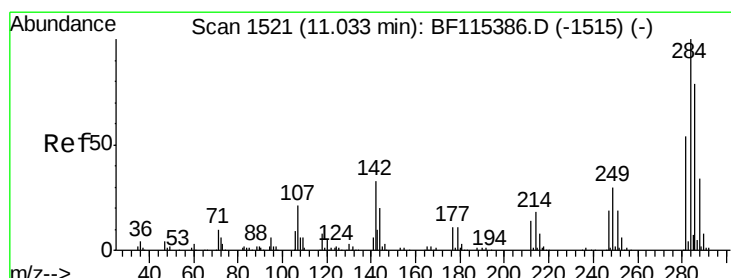
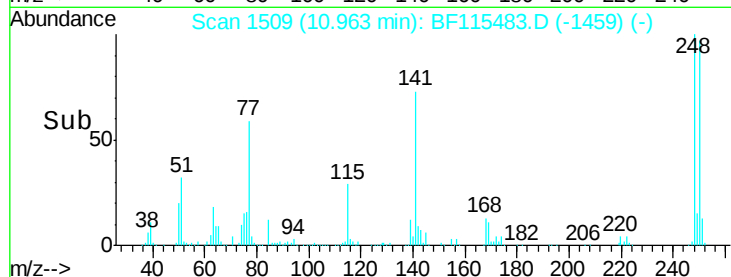
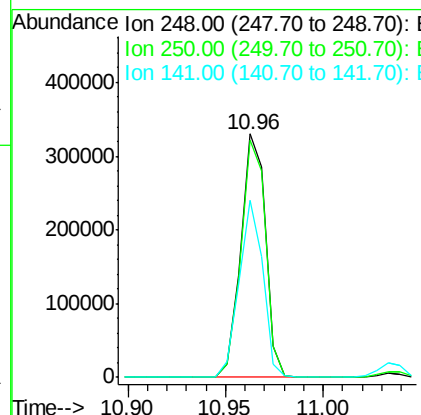
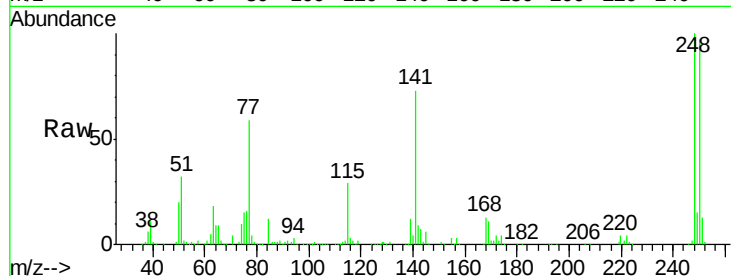
#67
 4-Bromophenyl-phenylether
 Concen: 41.854 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.3	117.5
141	72.8	52.2	78.2

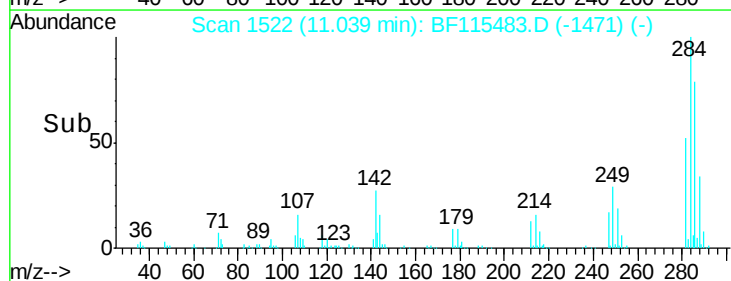
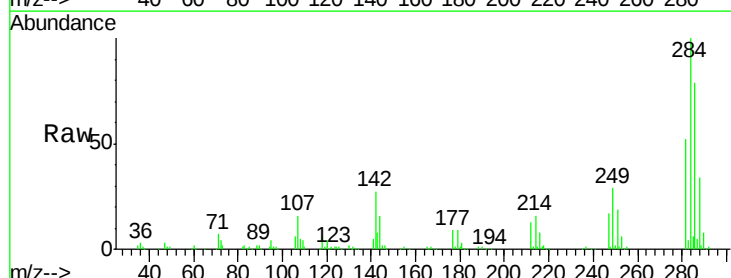
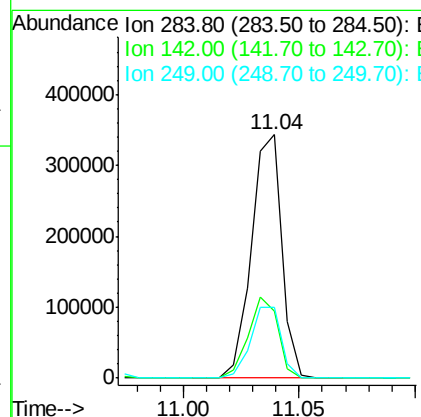
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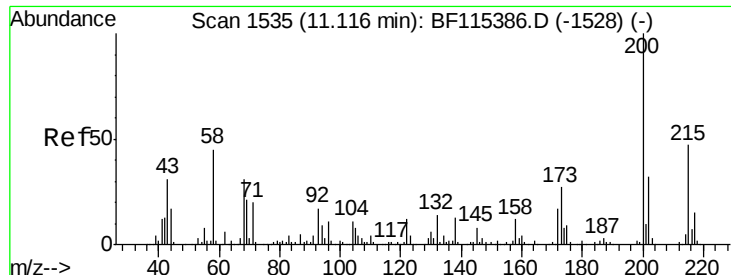
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#68
 Hexachlorobenzene
 Concen: 40.745 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	23.9	35.9
249	28.9	23.6	35.4





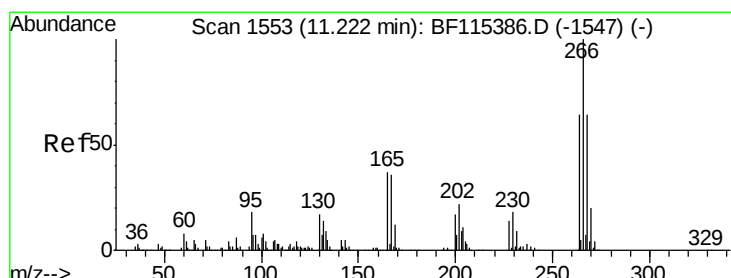
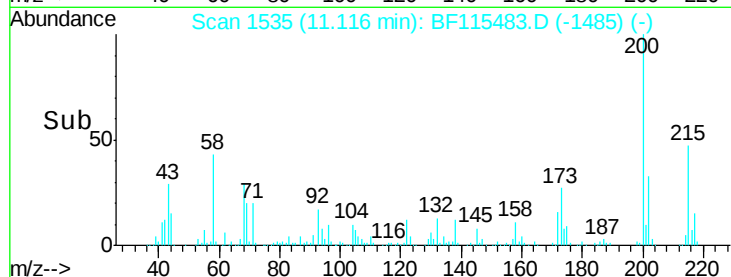
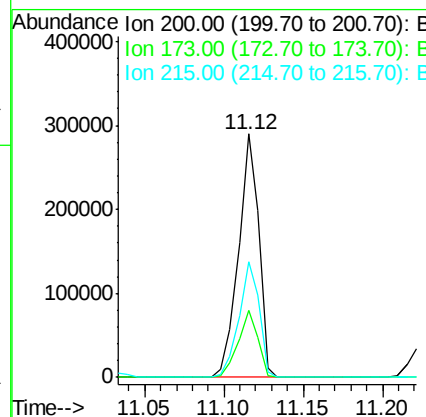
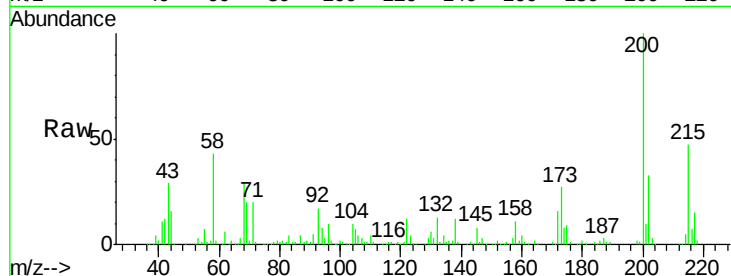
#69
Atrazine
Concen: 42.916 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.4	7.0	47.0
215	47.2	27.8	67.8

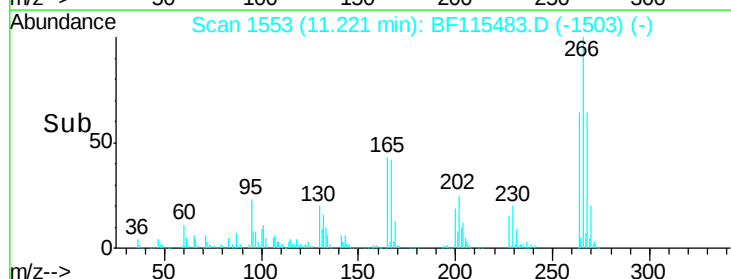
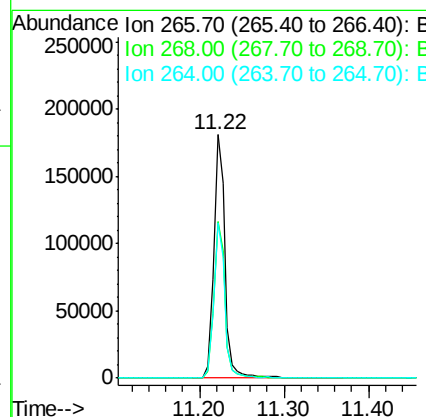
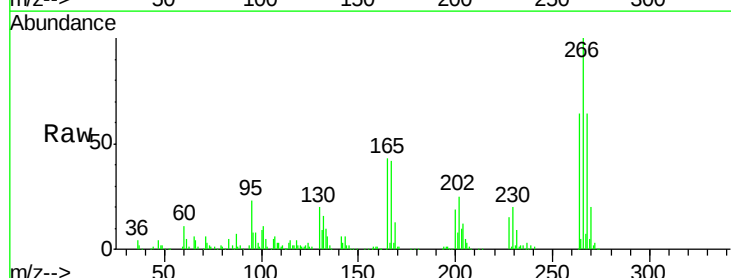
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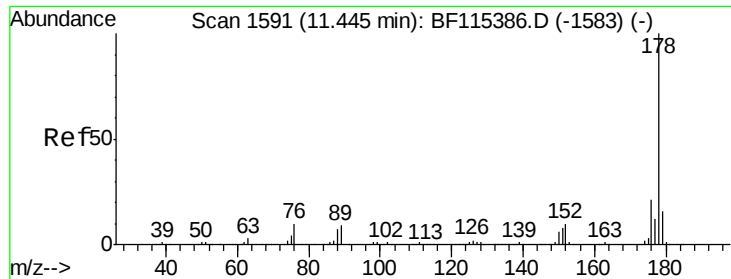
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#70
Pentachlorophenol
Concen: 35.892 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.3	51.2	76.8
264	63.7	50.6	75.8





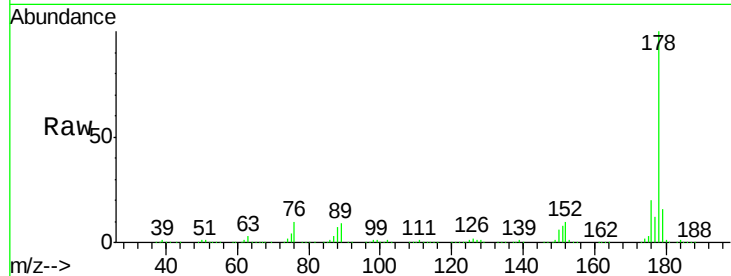
#71
Phenanthrene
Concen: 39.162 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

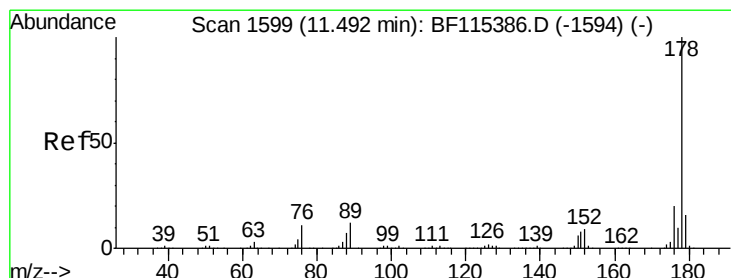
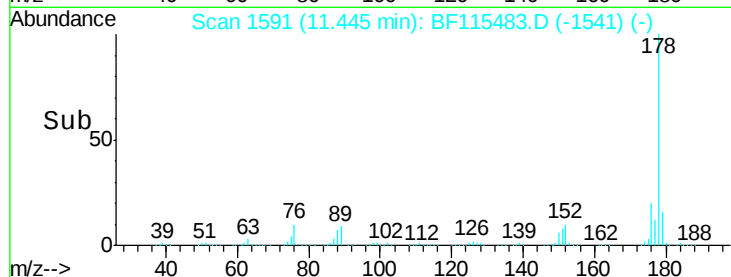
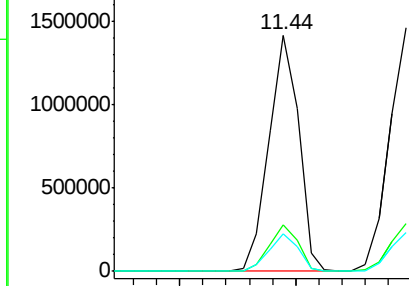
Tgt Ion:178 Resp: 1269679
Ion Ratio Lower Upper
178 100
176 19.9 16.6 24.8
179 15.8 12.7 19.1

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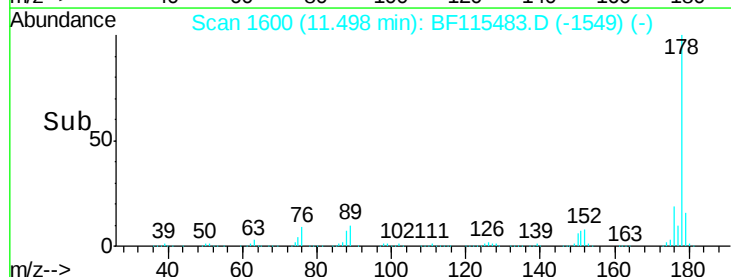
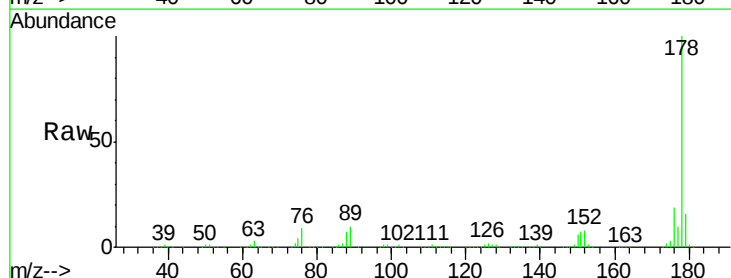
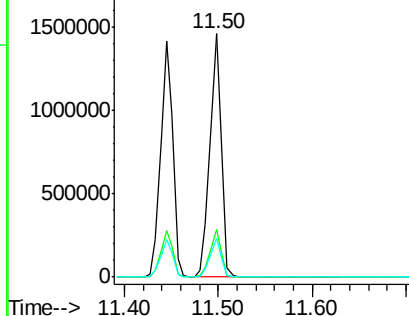
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.308 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion:178 Resp: 1277949
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 16.1 13.0 19.6

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





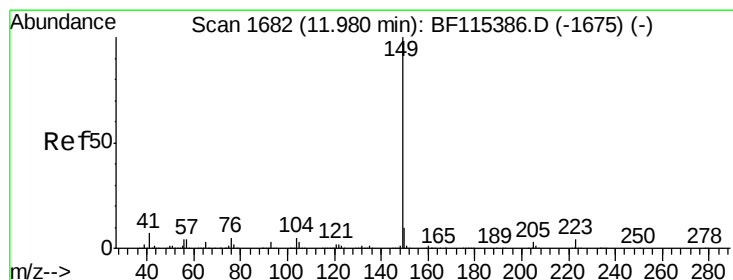
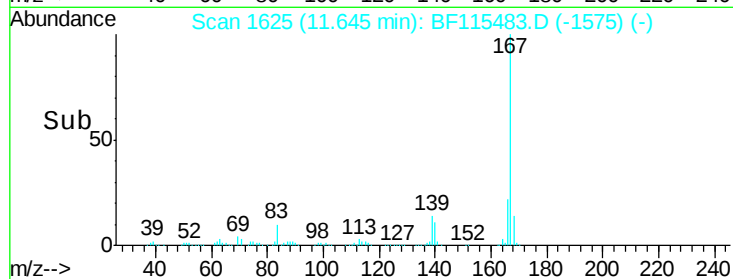
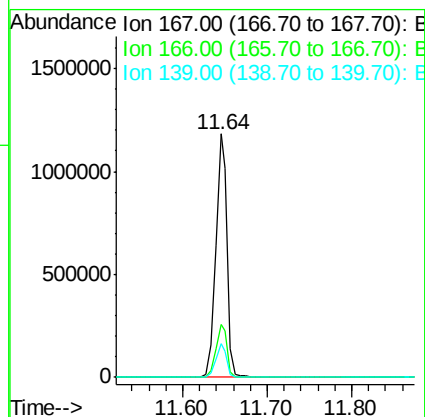
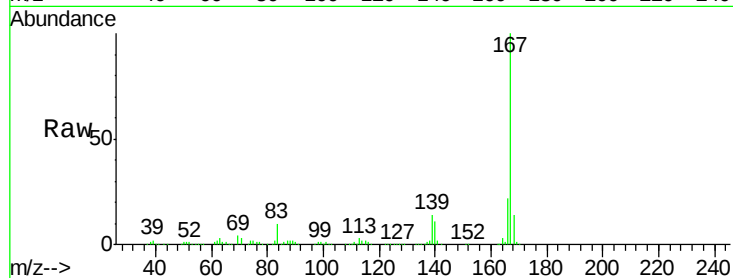
#73
 Carbazole
 Concen: 38.047 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 1131631
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.8 10.9 16.3

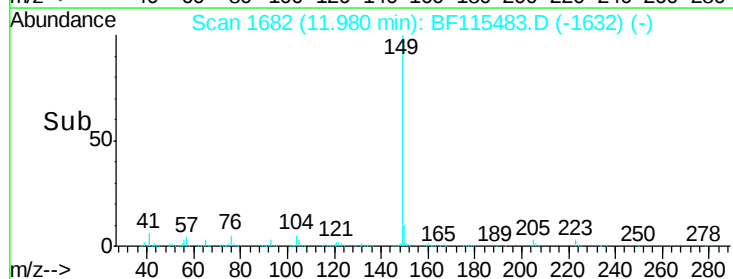
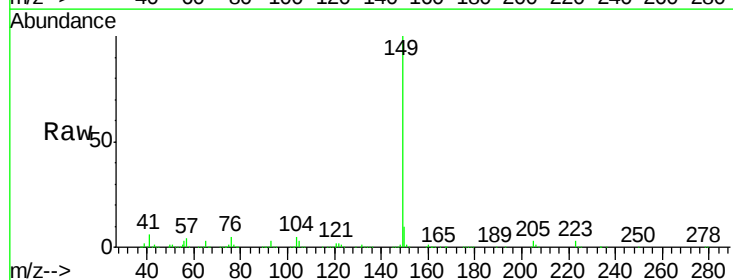
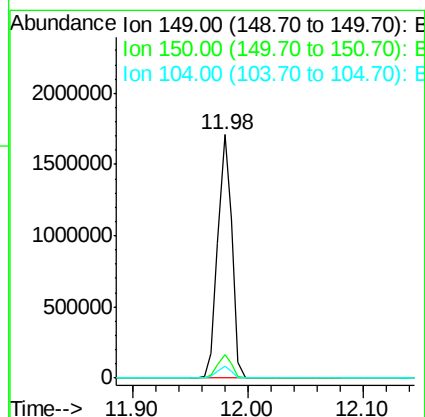
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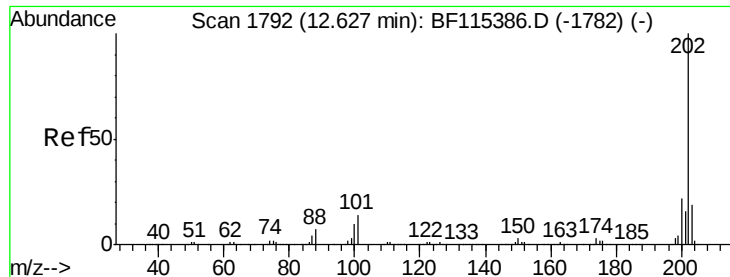
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#74
 Di-n-butylphthalate
 Concen: 39.974 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion:149 Resp: 1436901
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 5.2 3.9 5.9





#75

Fluoranthene

Concen: 35.636 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

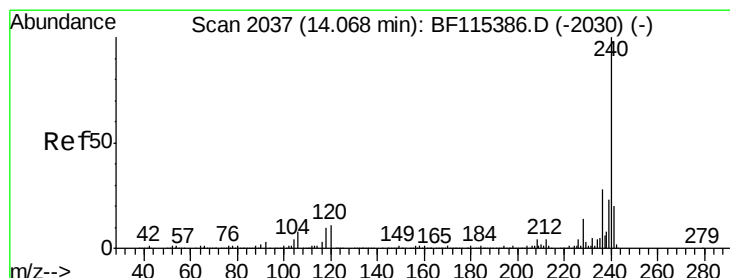
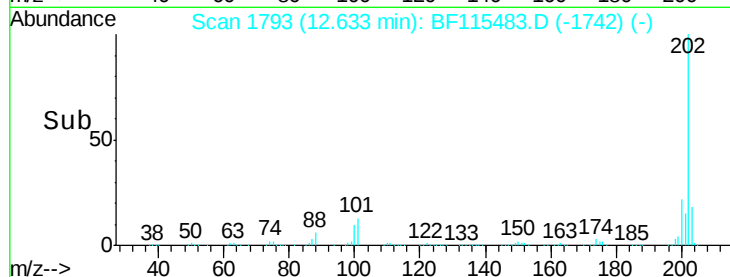
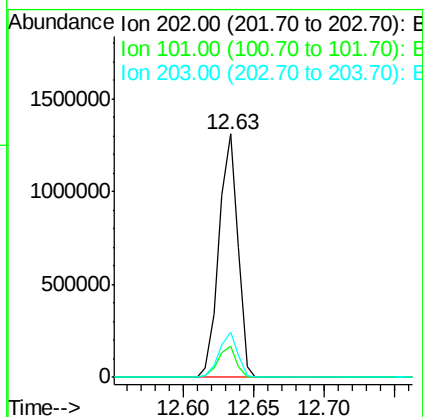
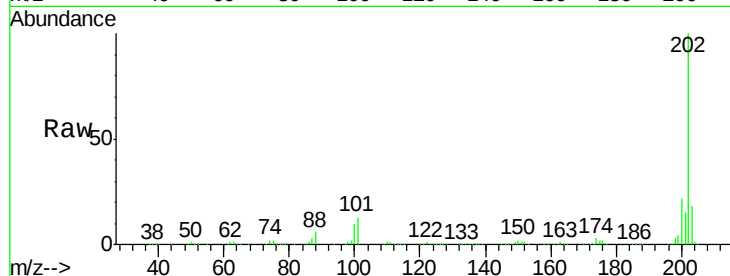
ClientSampleId :

SSTDCCC040

Tgt	Ion	202	Resp:	1216493
	Ion	Ratio	Lower	Upper
	202	100		
	101	12.9	0.0	33.9
	203	18.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

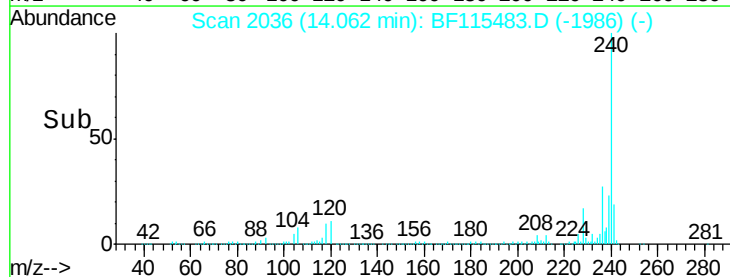
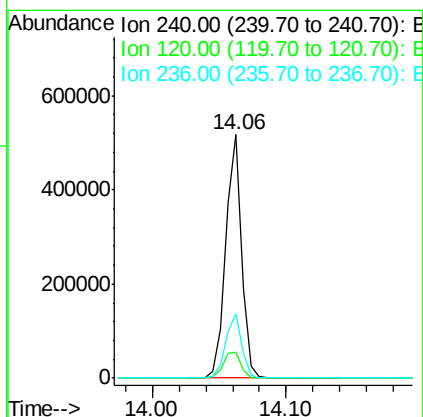
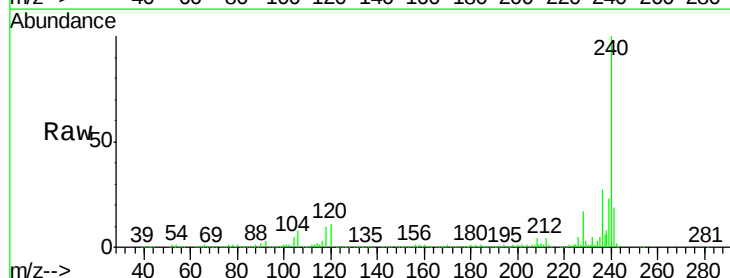
RT: 14.06 min Scan# 2036

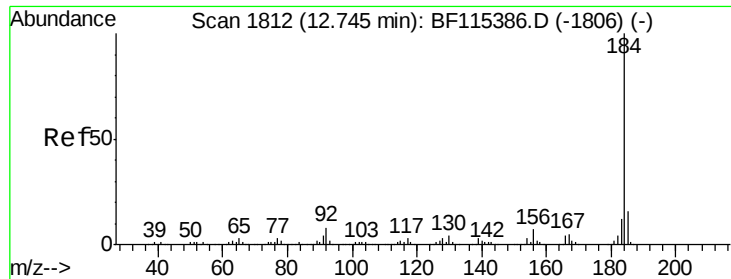
Delta R.T. -0.01 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt	Ion	240	Resp:	434424
	Ion	Ratio	Lower	Upper
	240	100		
	120	10.9	10.2	15.4
	236	26.6	21.1	31.7





#77

Benzidine

Concen: 40.906 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

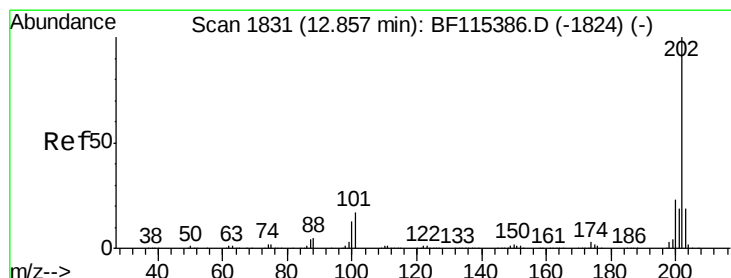
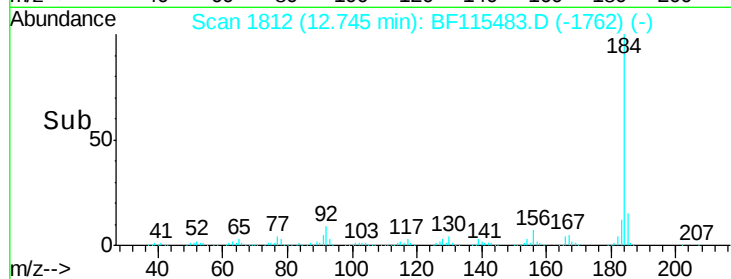
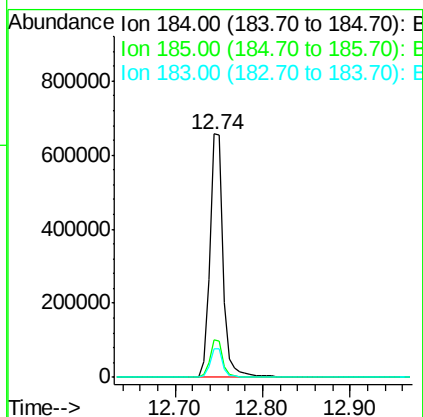
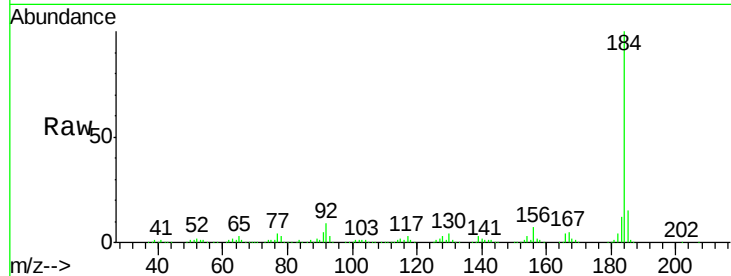
ClientSampleId :

SSTDCCC040

Tgt Ion:	184	Resp:	692987
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.0	19.6
183	11.9	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 36.612 ng

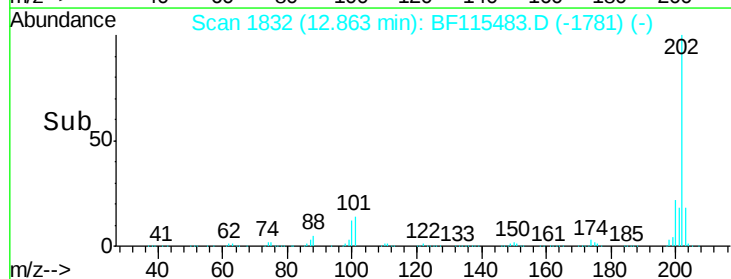
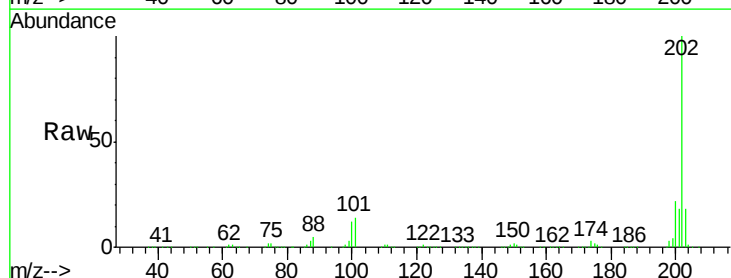
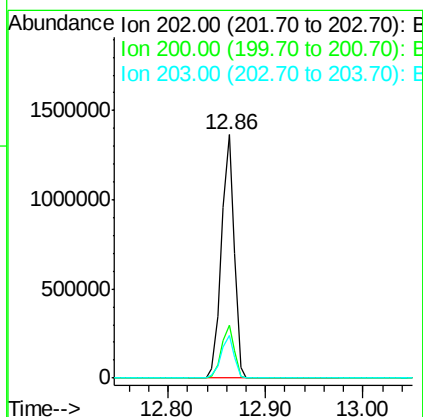
RT: 12.86 min Scan# 1832

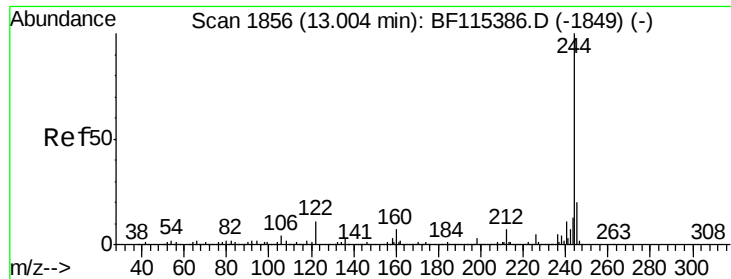
Delta R.T. -0.00 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	202	Resp:	1236853
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	17.6	14.7	22.1





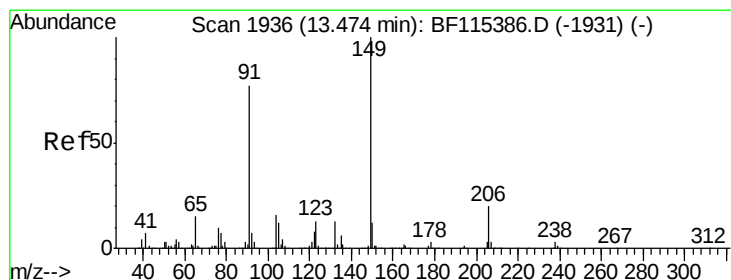
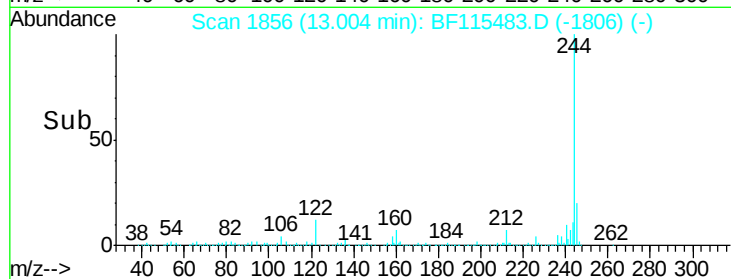
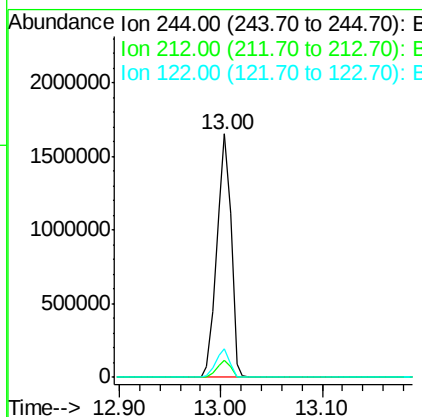
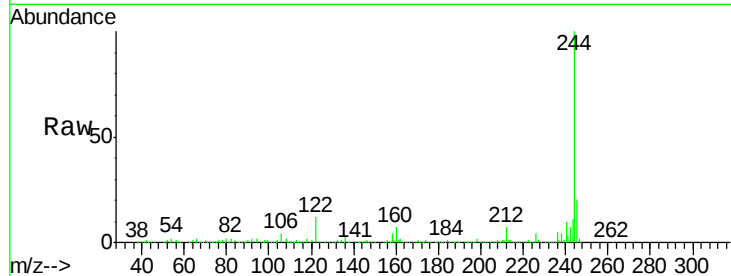
#79
 Terphenyl-d14
 Concen: 76.027 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:244 Resp: 1613079
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.8 9.1 13.7

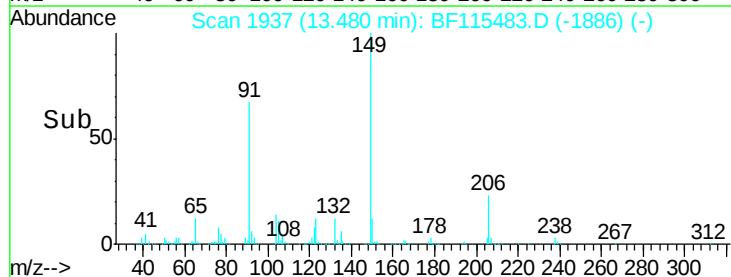
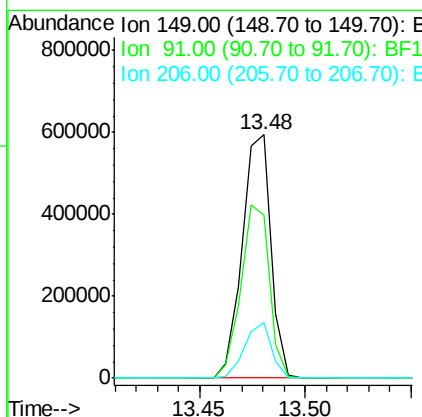
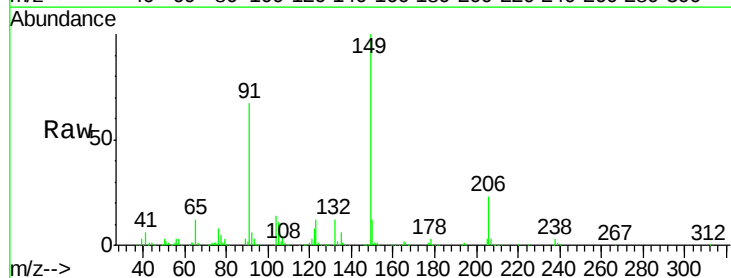
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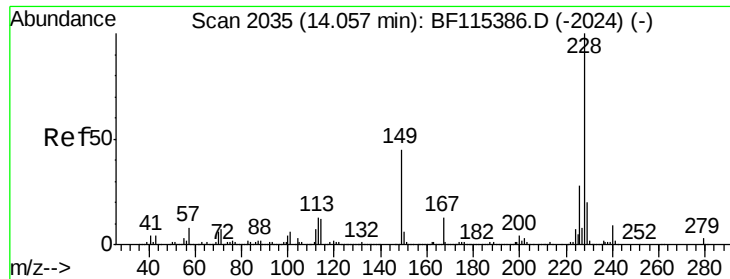
mohammad
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#80
 Butylbenzylphthalate
 Concen: 37.855 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BF115483.D
 Acq: 11 Jul 2019 4:46

Tgt Ion:149 Resp: 558751
 Ion Ratio Lower Upper
 149 100
 91 66.7 57.8 86.6
 206 22.9 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.261 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 1120672

Ion Ratio Lower Upper

228 100

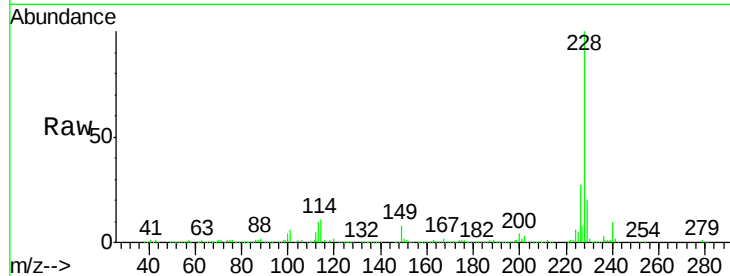
226 27.3 22.6 34.0

229 19.9 16.4 24.6

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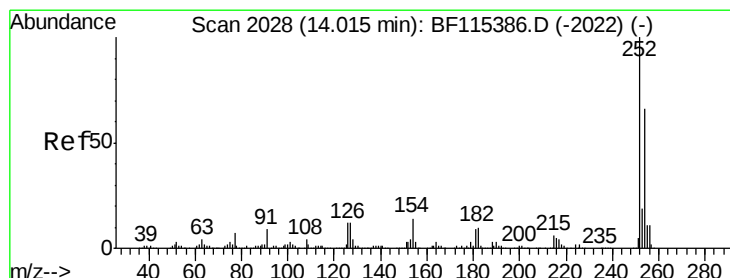
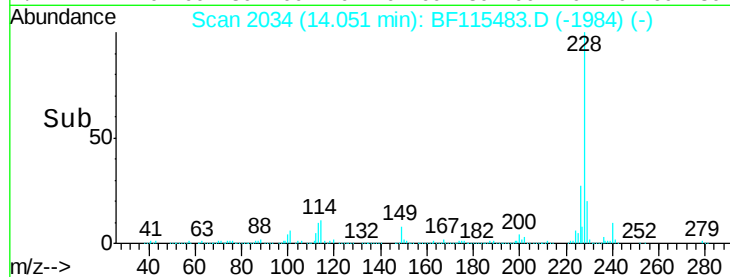
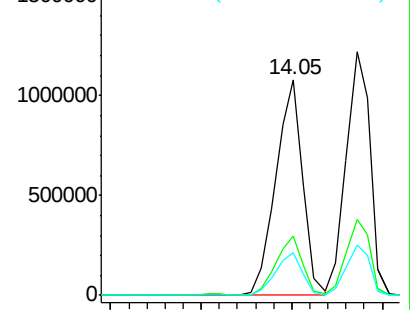
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.514 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

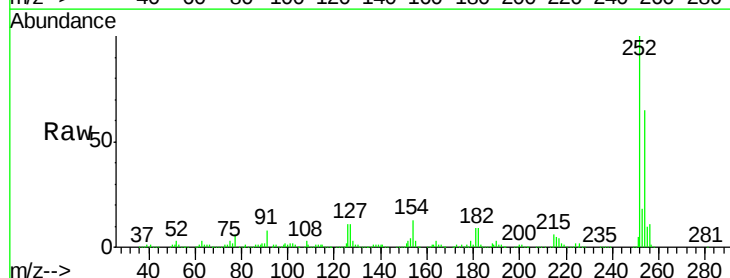
Tgt Ion:252 Resp: 439501

Ion Ratio Lower Upper

252 100

254 64.9 52.9 79.3

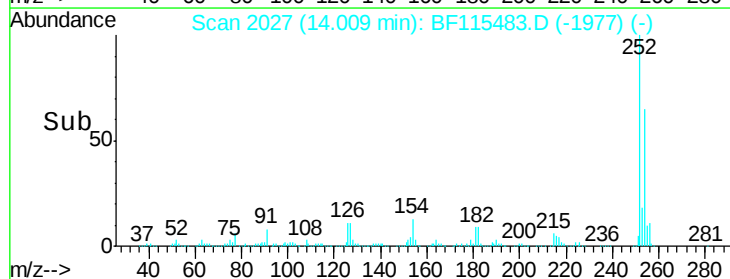
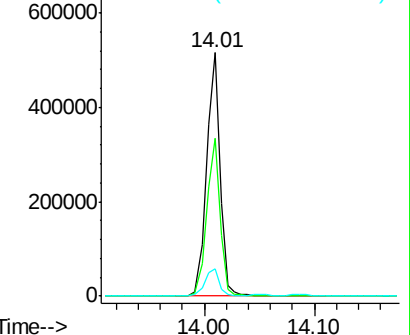
126 11.0 10.0 15.0

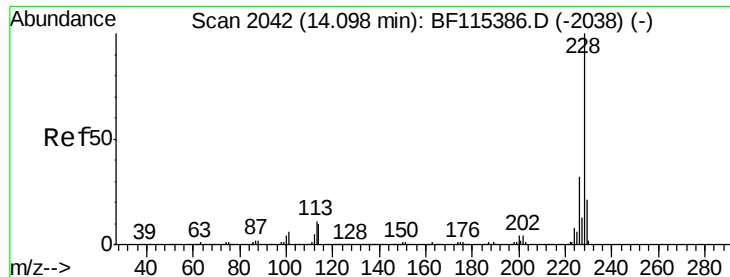


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





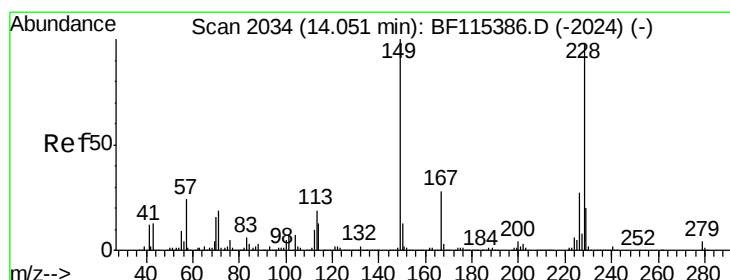
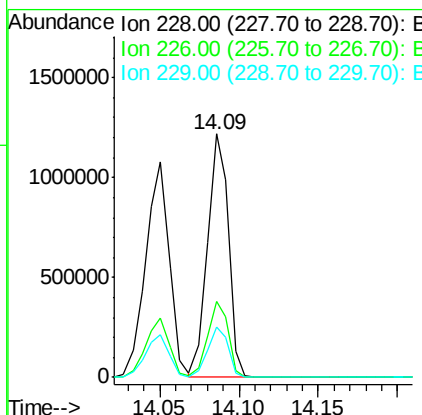
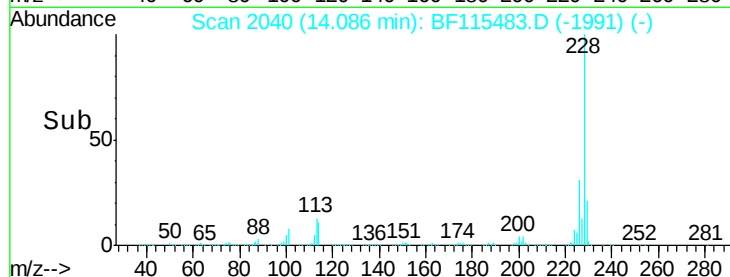
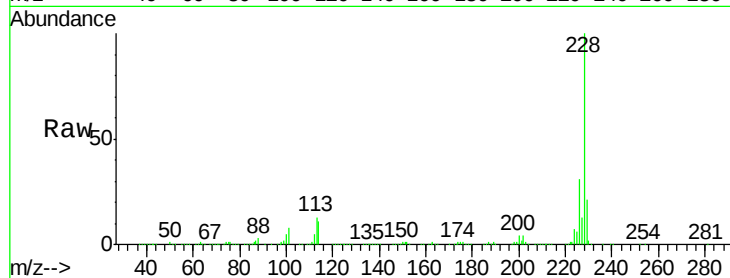
#83
Chrysene
Concen: 39.474 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1128945
Ion Ratio Lower Upper
228 100
226 31.2 25.1 37.7
229 20.7 16.1 24.1

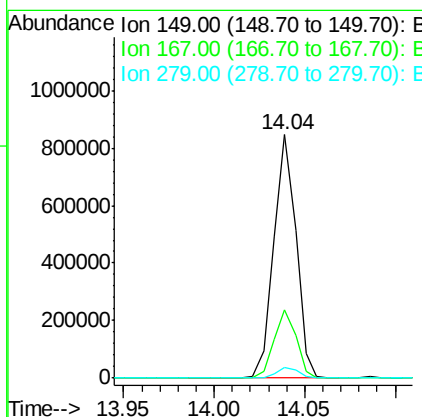
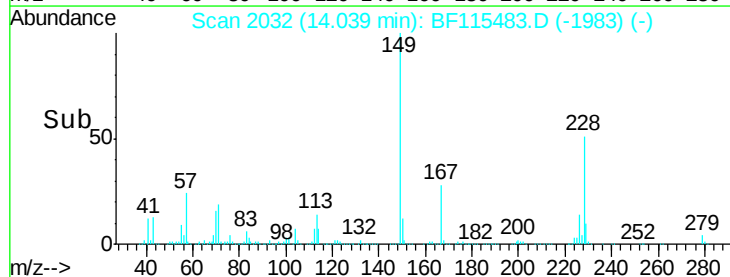
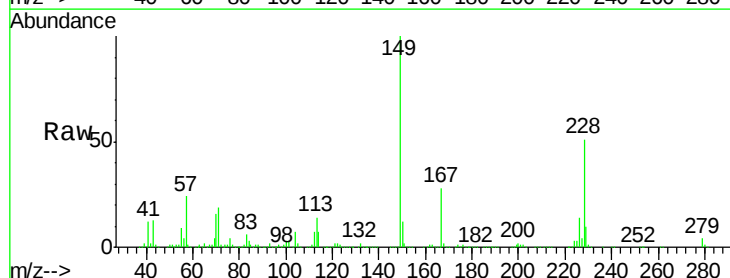
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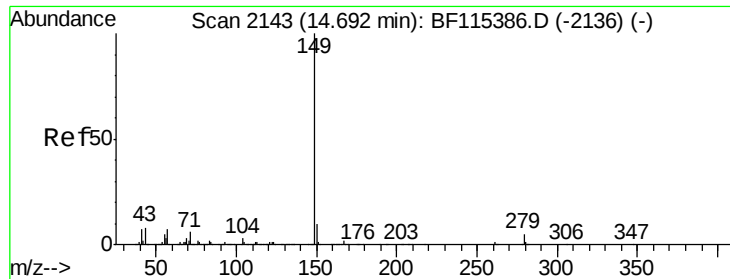
mohammad
7/11/2019 5:22:41 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.552 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion:149 Resp: 722987
Ion Ratio Lower Upper
149 100
167 28.1 22.6 34.0
279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 40.474 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 1317087

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

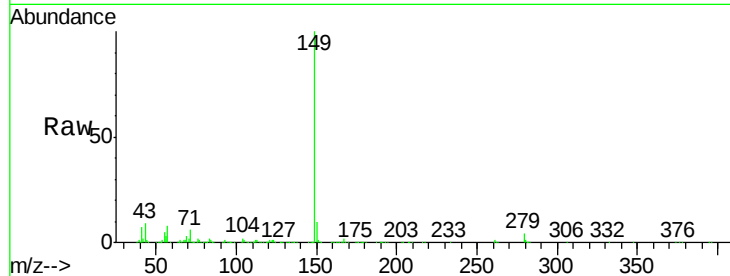
43 8.5 7.0 10.6

Manual Integrations

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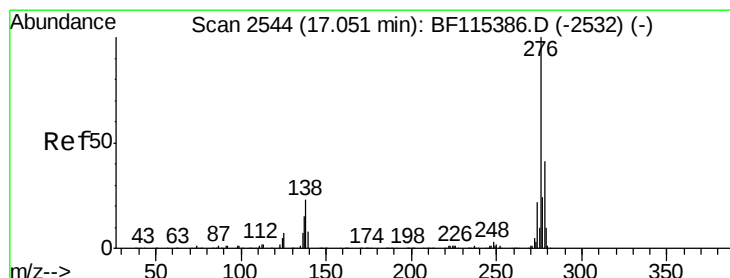
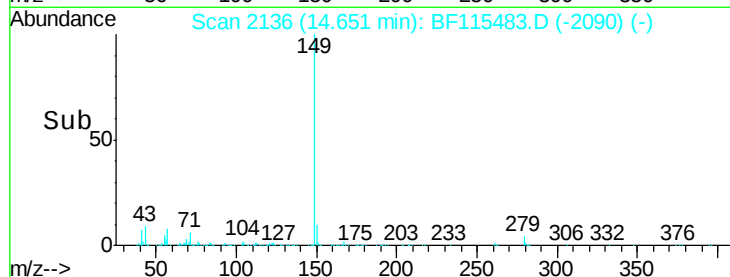
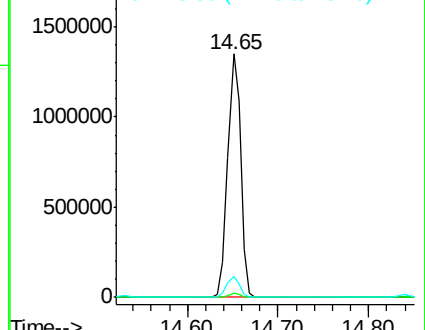
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.637 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

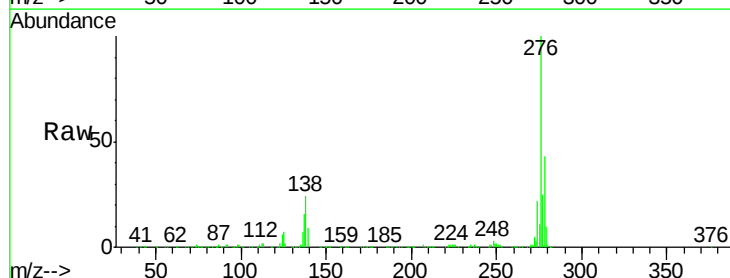
Tgt Ion:276 Resp: 1107749

Ion Ratio Lower Upper

276 100

138 25.7 20.6 31.0

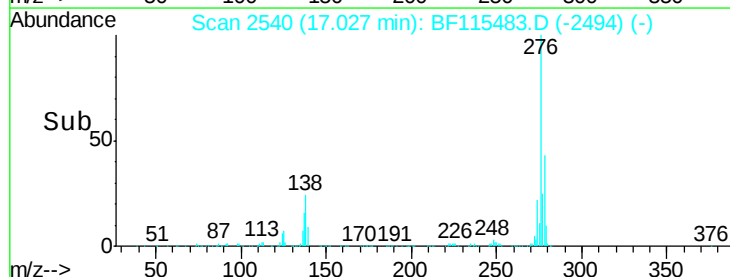
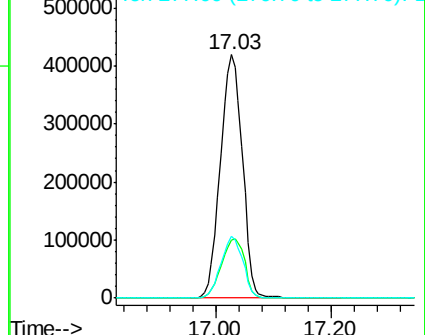
277 25.3 20.2 30.2

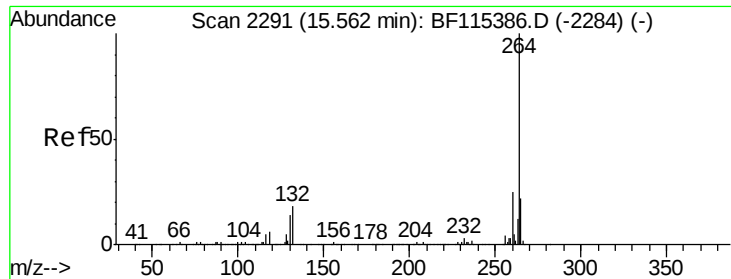


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.02 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

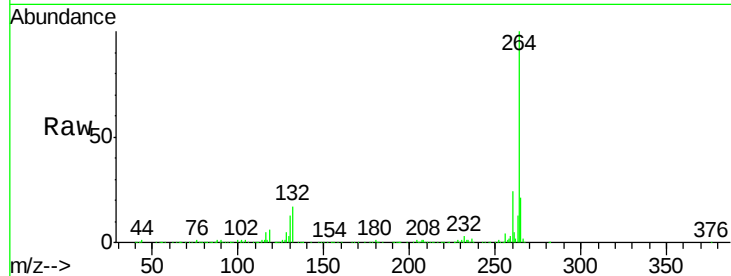
ClientSampleId :

SSTDCCC040

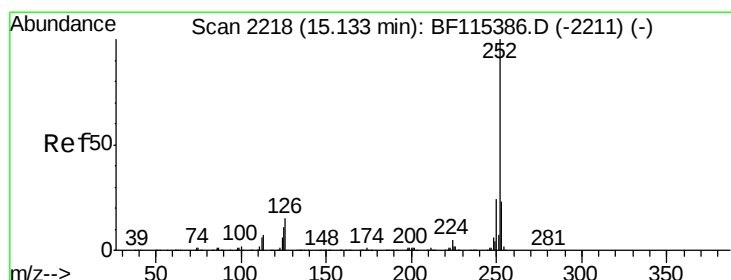
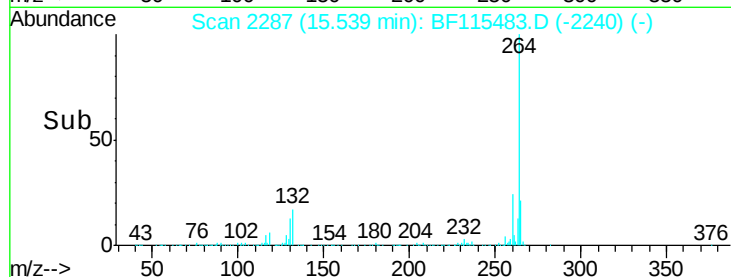
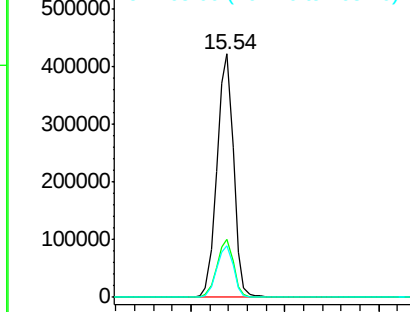
Tgt Ion:	264	Resp:	525282
Ion Ratio	Lower	Upper	
264	100		
260	23.7	20.1	30.1
265	21.4	17.8	26.6

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.712 ng

RT: 15.11 min Scan# 2214

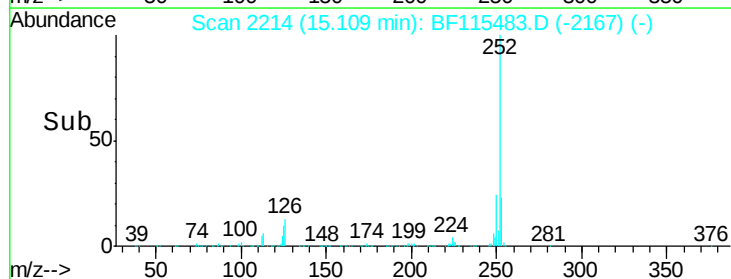
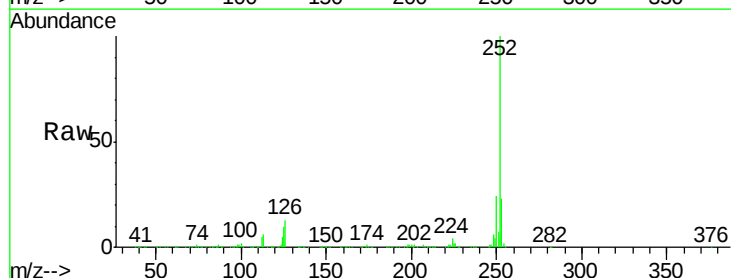
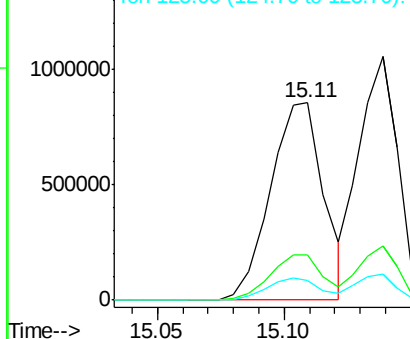
Delta R.T. -0.02 min

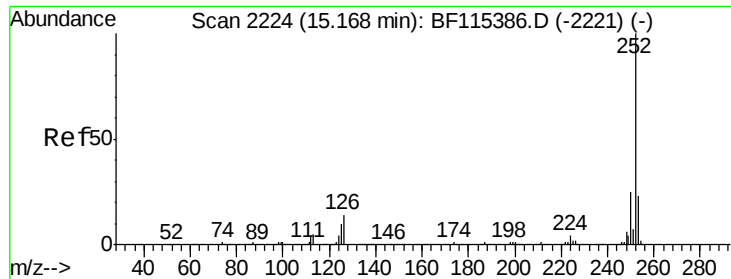
Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	252	Resp:	1255556
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	9.9	8.5	12.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





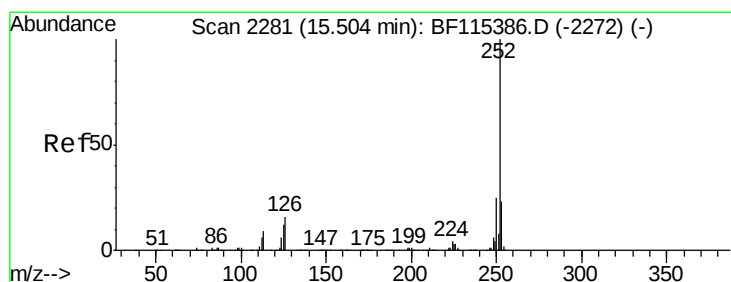
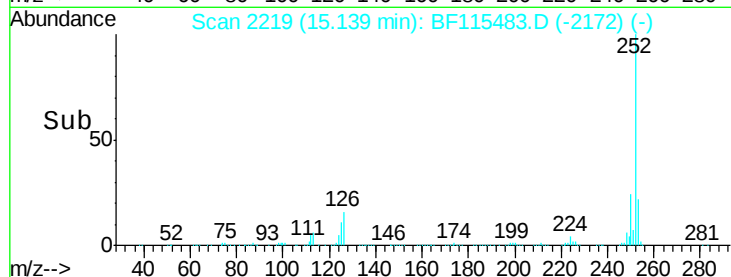
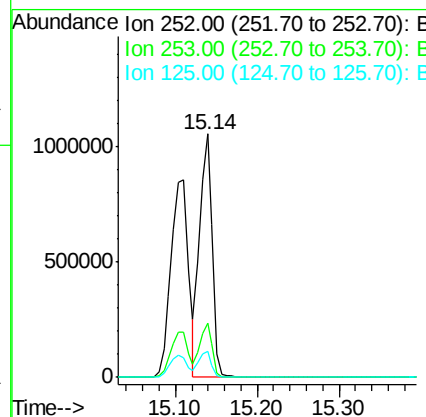
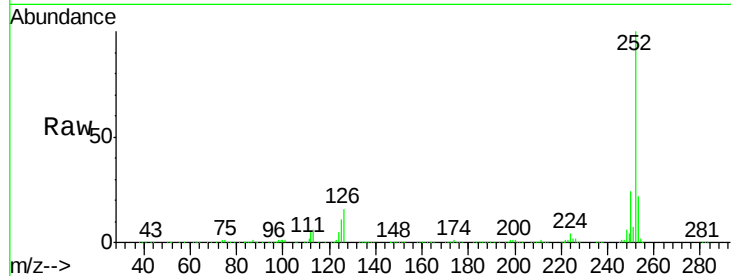
#89
Benzo(k)fluoranthene
Concen: 37.370 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1136650
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.8 8.6 13.0

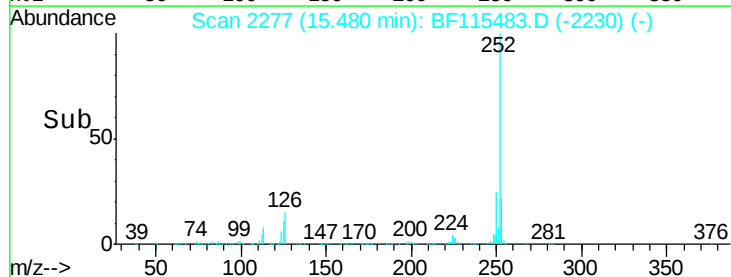
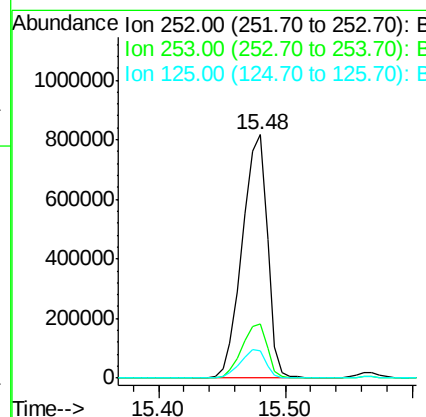
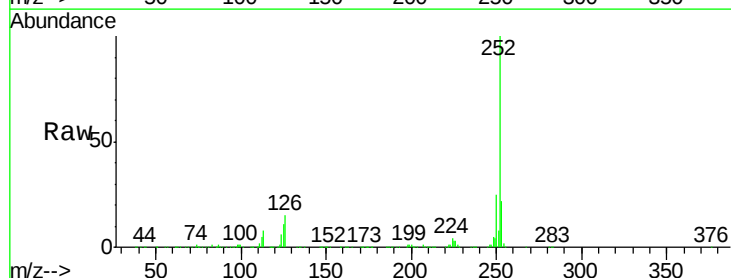
Manual Integrations
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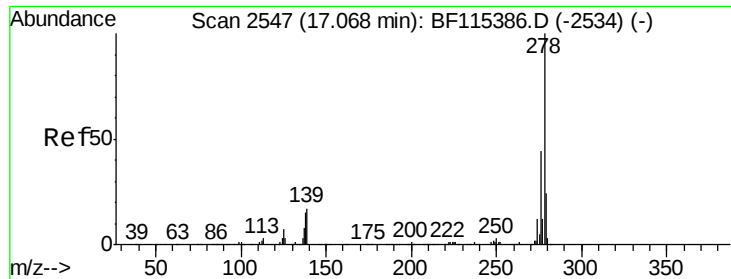
mohammad
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#90
Benzo(a)pyrene
Concen: 38.230 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115483.D
Acq: 11 Jul 2019 4:46

Tgt Ion:252 Resp: 1127706
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.3 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 36.999 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.04 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Instrument :

BNA_F

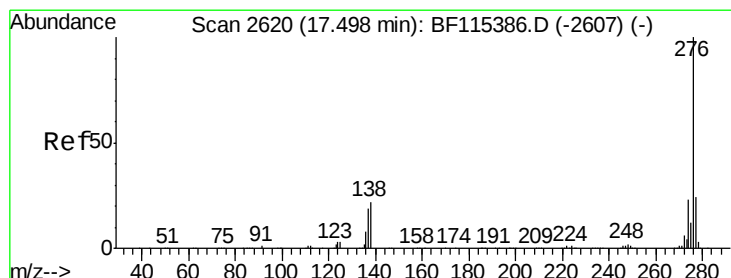
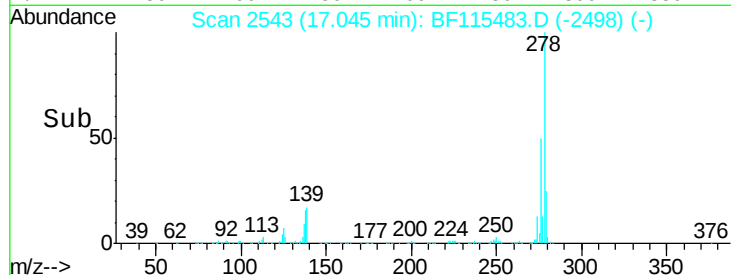
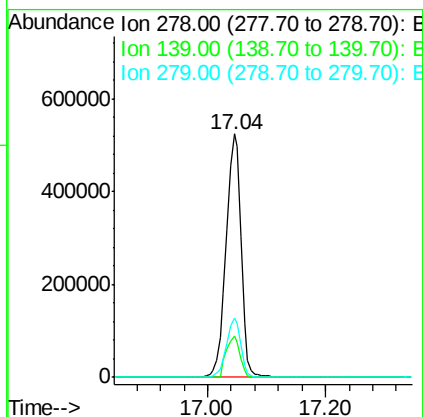
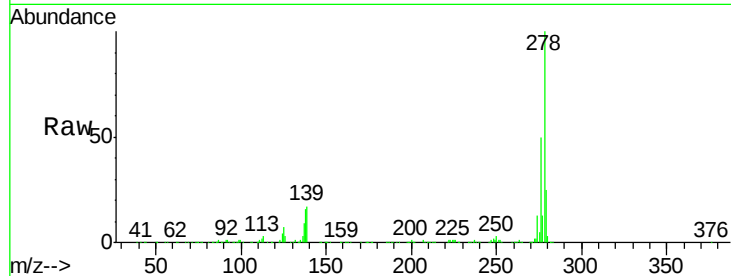
ClientSampleId :

SSTDCCC040

Tgt Ion:	278	Resp:	932642
Ion Ratio	Lower	Upper	
278	100		
139	17.2	13.0	19.6
279	24.6	19.4	29.2

Manual Integrations
APPROVED

mohammad
7/11/2019 5:22:41 PM



#92

Benzo(g,h,i)perylene

Concen: 34.902 ng

RT: 17.47 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF115483.D

Acq: 11 Jul 2019 4:46

Tgt Ion:	276	Resp:	832710
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	21.8	17.8	26.8

