

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116688.D
 Acq On : 31 Aug 2019 10:09
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 9/5/2019 9:23:06 AM

Quant Time: Aug 31 16:42:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147050	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	615638	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	307676	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	498303	20.00	ng	0.00
76) Chrysene-d12	14.00	240	318179	20.00	ng	0.00
87) Perylene-d12	15.45	264	278753	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	722351	79.58	ng	0.00
7) Phenol-d6	6.48	99	955418	80.16	ng	0.00
23) Nitrobenzene-d5	7.42	82	924480	85.73	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	189910	92.33	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1474953	80.87	ng	0.00
79) Terphenyl-d14	12.95	244	1347581	78.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	164400	39.235	ng	98
3) Pyridine	3.35	79	480046	39.569	ng	92
4) n-Nitrosodimethylamine	3.30	42	163679	39.289	ng	79
6) Aniline	6.52	93	655093	39.683	ng	99
8) 2-Chlorophenol	6.64	128	403322	40.704	ng	100
9) Benzaldehyde	6.40	77	299541	38.147	ng	99
10) Phenol	6.50	94	535049	40.540	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	413262	40.214	ng	97
12) 1,3-Dichlorobenzene	6.79	146	445054	39.741	ng	99
13) 1,4-Dichlorobenzene	6.87	146	450578	40.413	ng	99
14) 1,2-Dichlorobenzene	7.03	146	416566	40.317	ng	99
15) Benzyl Alcohol	6.99	79	396150	40.946	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	479838	39.797	ng	98
17) 2-Methylphenol	7.10	107	348140	40.136	ng	95
18) Hexachloroethane	7.37	117	174613	40.310	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	316316	40.306	ng	91
20) 3+4-Methylphenols	7.26	107	412020	40.853	ng	# 81
22) Acetophenone	7.26	105	590072	39.812	ng	# 90
24) Nitrobenzene	7.43	77	471112	42.954	ng	95
25) Isophorone	7.67	82	861846	39.439	ng	99
26) 2-Nitrophenol	7.75	139	199877	49.017	ng	96
27) 2,4-Dimethylphenol	7.79	122	329587	40.021	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	537685	40.264	ng	100
29) 2,4-Dichlorophenol	7.99	162	332947	42.069	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	346509	40.366	ng	97
31) Naphthalene	8.16	128	1184702	40.469	ng	99
32) Benzoic acid	7.91	122	185370	39.865	ng	96
33) 4-Chloroaniline	8.20	127	531893	39.915	ng	100
34) Hexachlorobutadiene	8.28	225	192769	41.186	ng	98
35) Caprolactam	8.57	113	118250	39.924	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	376744	41.418	ng	98
37) 2-Methylnaphthalene	8.85	142	794110	40.770	ng	97
38) 1-Methylnaphthalene	8.95	142	742007	40.355	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	305237	41.385	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	175697	41.252	nq	96
43) 2,4,6-Trichlorophenol	9.12	196	223557	44.217	nq	94
44) 2,4,5-Trichlorophenol	9.16	196	229389	43.702	nq	97
46) 1,1'-Biphenyl	9.31	154	946132	40.525	nq	97
47) 2-Chloronaphthalene	9.33	162	754042	40.778	nq	98
48) 2-Nitroaniline	9.42	65	258776	48.406	nq	92
49) Acenaphthylene	9.75	152	1131991	40.497	nq	99
50) Dimethylphthalate	9.61	163	872105	41.056	nq	99
51) 2,6-Dinitrotoluene	9.67	165	185678	45.815	nq	92
52) Acenaphthene	9.92	154	722590	42.072	nq	98
53) 3-Nitroaniline	9.83	138	235115	46.292	nq	89
54) 2,4-Dinitrophenol	9.94	184	71256	52.992	nq	94
55) Dibenzofuran	10.09	168	1002431	41.403	nq	98
56) 4-Nitrophenol	9.99	139	171395	49.216	nq	# 80
57) 2,4-Dinitrotoluene	10.07	165	248002	50.045	nq	96
58) Fluorene	10.43	166	749436	40.623	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	171202m	45.193	nq	
60) Diethylphthalate	10.30	149	880240	41.369	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	335705	41.555	nq	98
62) 4-Nitroaniline	10.45	138	223980	45.442	nq	93
63) Azobenzene	10.59	77	914358	41.212	nq	94
65) 4,6-Dinitro-2-methylphenol	10.48	198	96492	51.867	nq	93
66) n-Nitrosodiphenylamine	10.55	169	700743	40.651	nq	96
67) 4-Bromophenyl-phenylether	10.92	248	203194	40.140	nq	94
68) Hexachlorobenzene	10.99	284	216484	40.875	nq	97
69) Atrazine	11.07	200	198201	41.053	nq	98
70) Pentachlorophenol	11.17	266	121695	47.499	nq	98
71) Phenanthrene	11.39	178	1113387	40.138	nq	99
72) Anthracene	11.45	178	1124026	40.255	nq	100
73) Carbazole	11.59	167	1065311	40.052	nq	100
74) Di-n-butylphthalate	11.93	149	1373111	40.269	nq	99
75) Fluoranthene	12.57	202	1089984	39.984	nq	97
77) Benzidine	12.69	184	478600	38.350	nq	98
78) Pyrene	12.80	202	1102803	38.990	nq	98
80) Butylbenzylphthalate	13.42	149	563538	40.971	nq	97
81) Benzo(a)anthracene	13.99	228	801733	39.813	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	280442	41.209	nq	99
83) Chrysene	14.03	228	831368	40.073	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	707153	41.649	nq	98
85) Di-n-octyl phthalate	14.59	149	1160005	41.749	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	603886	36.239	nq	# 94
88) Benzo(b)fluoranthene	15.03	252	697640m	41.396	nq	
89) Benzo(k)fluoranthene	15.06	252	614185	39.970	nq	99
90) Benzo(a)pyrene	15.39	252	587357	40.059	nq	98
91) Dibenzo(a,h)anthracene	16.92	278	491428	38.291	nq	# 95
92) Benzo(g,h,i)perylene	17.33	276	486237	37.148	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

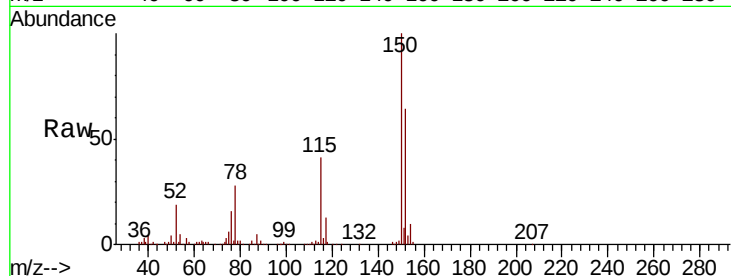
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	147050
Ion Ratio	Lower	Upper	
152	100		
150	157.2	124.4	186.6
115	64.9	49.9	74.9

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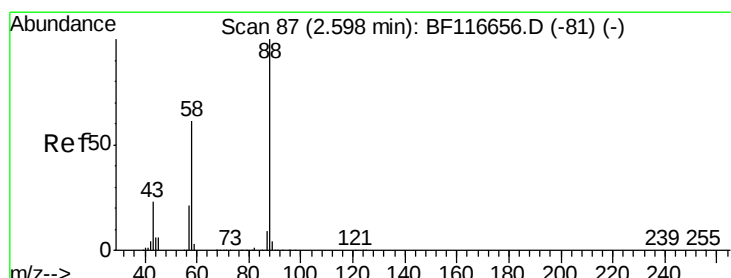
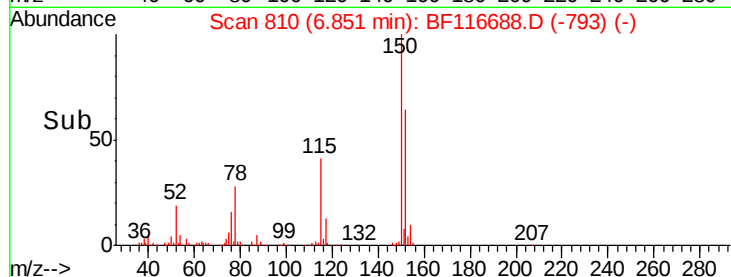
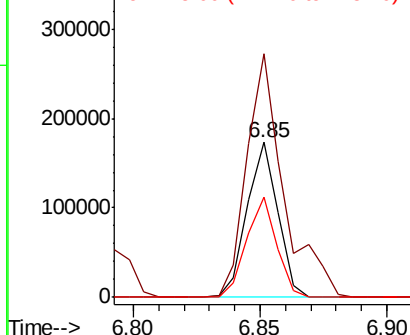


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.235 ng

RT: 2.60 min Scan# 88

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

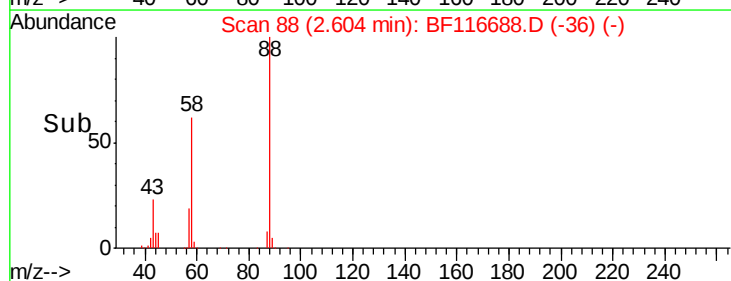
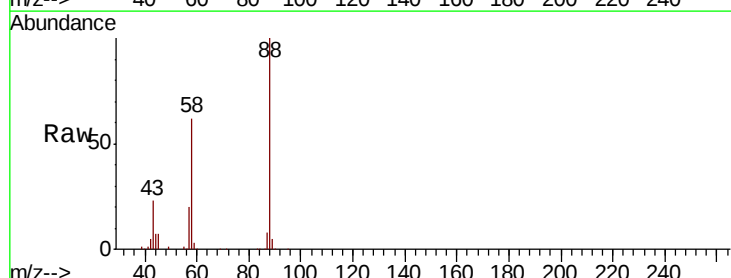
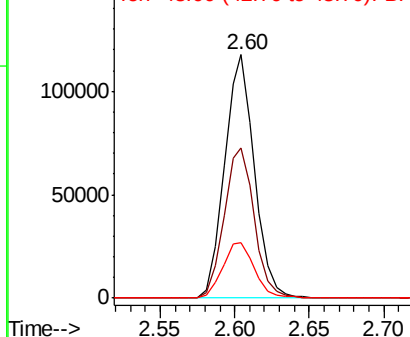
Tgt Ion:	88	Resp:	164400
Ion Ratio	Lower	Upper	
88	100		
58	62.3	51.7	77.5
43	24.4	19.8	29.8

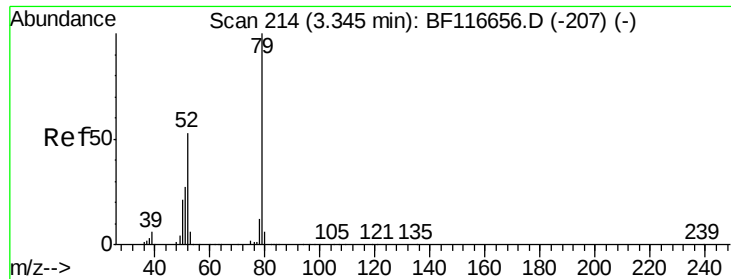
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.569 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

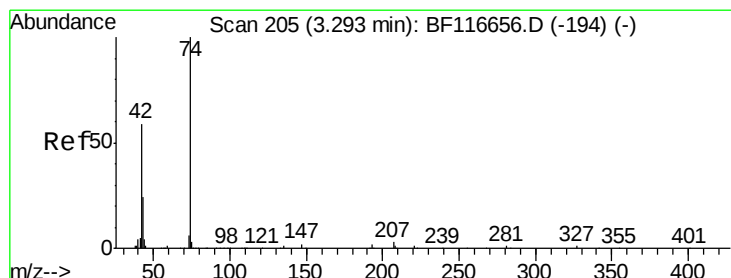
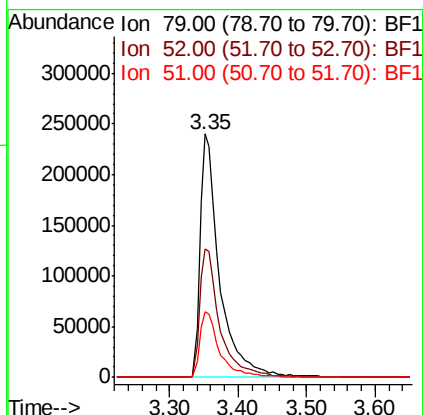
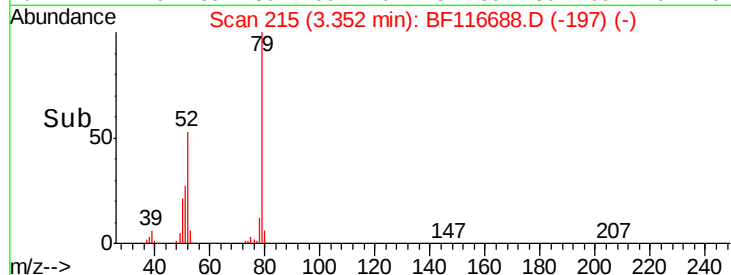
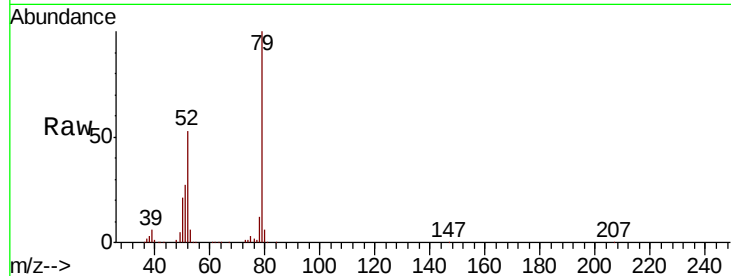
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		480046		
52	52.8		47.4	71.0	
51	27.1		24.1	36.1	

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#4

n-Nitrosodimethylamine

Concen: 39.289 ng

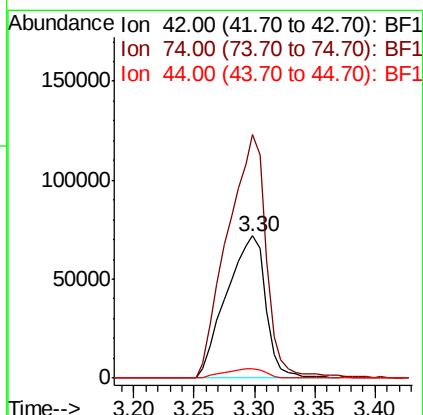
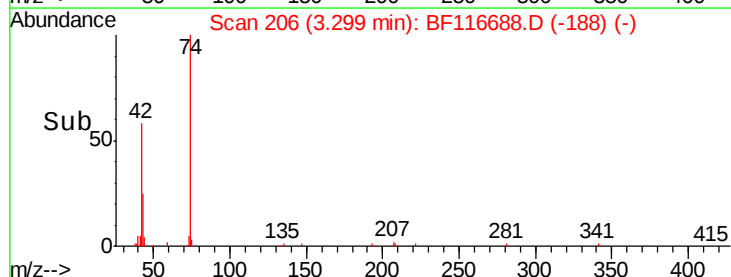
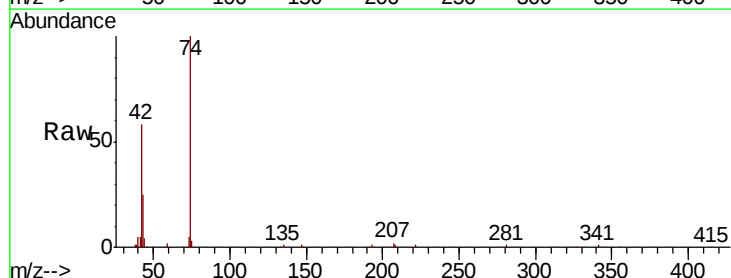
RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		163679		
74	171.5		115.6	173.4	
44	6.3		4.6	7.0	





#5

2-Fluorophenol

Concen: 79.582 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

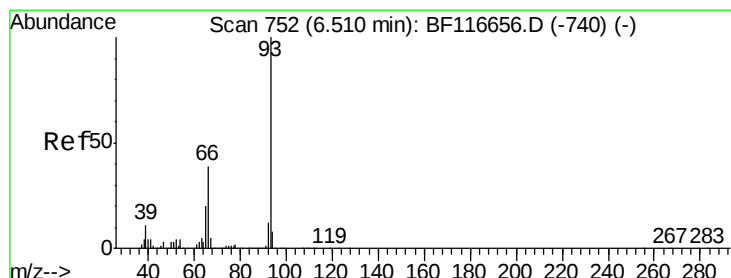
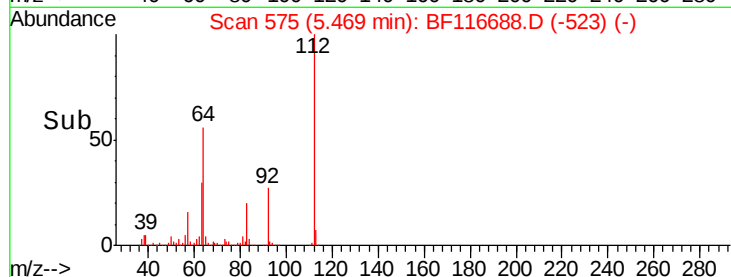
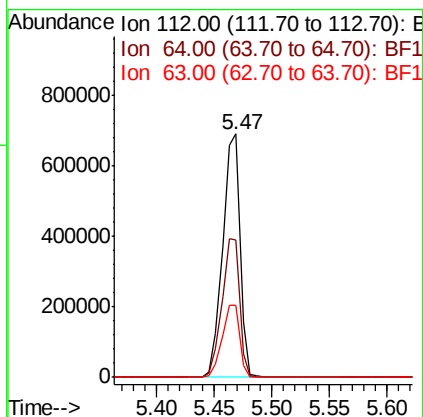
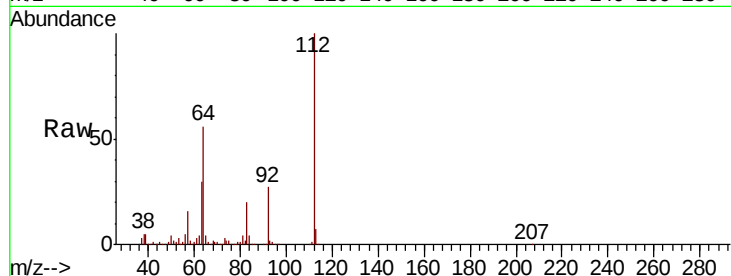
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		722351		
64	56.2	47.1	70.7		
63	29.9	24.9	37.3		

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#6

Aniline

Concen: 39.683 ng

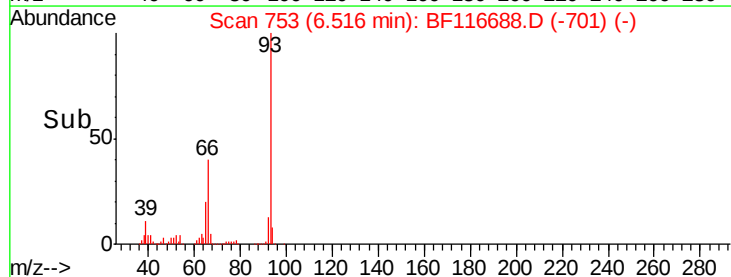
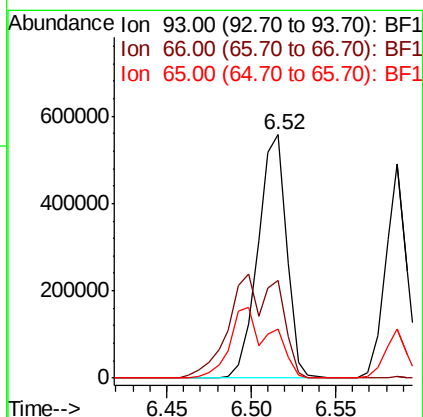
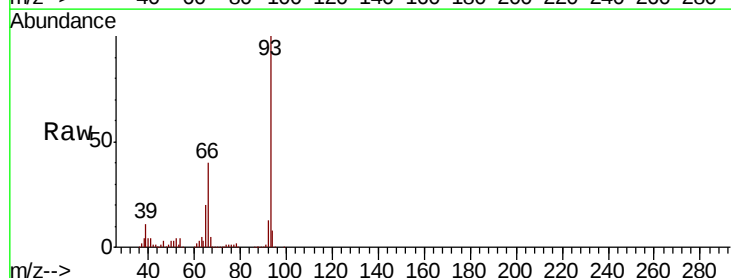
RT: 6.52 min Scan# 753

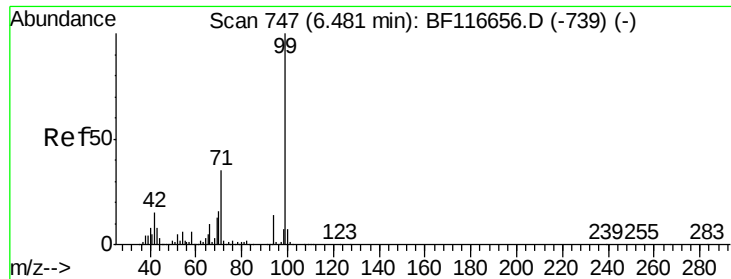
Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		655093		
66	40.4	32.7	49.1		
65	20.0	16.3	24.5		





#7

Phenol-d6

Concen: 80.160 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

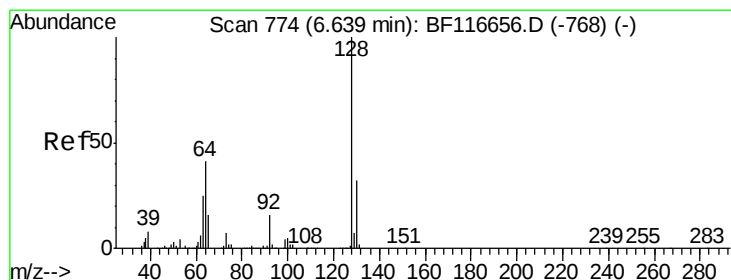
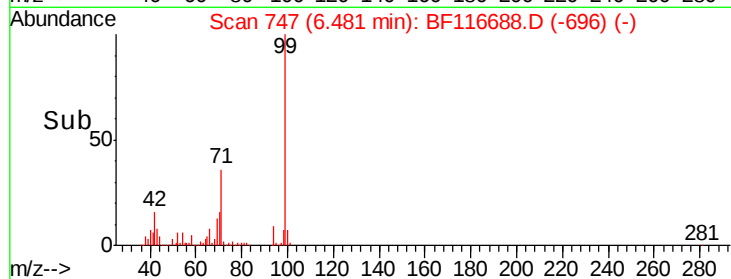
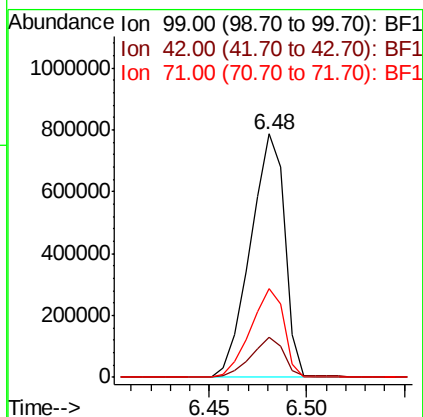
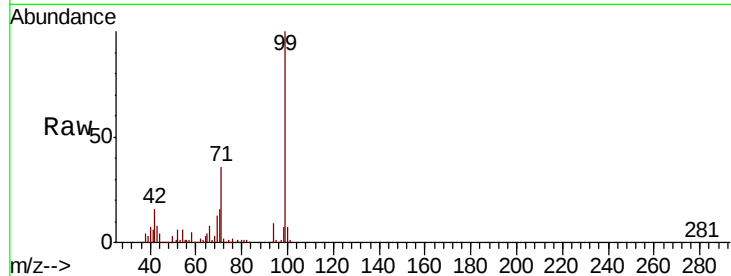
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	955418
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.7	20.5
71	36.2	30.8	46.2

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#8

2-Chlorophenol

Concen: 40.704 ng

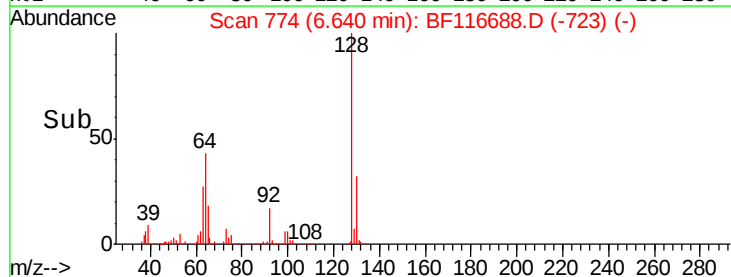
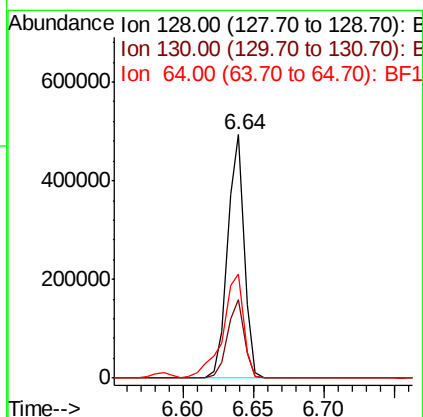
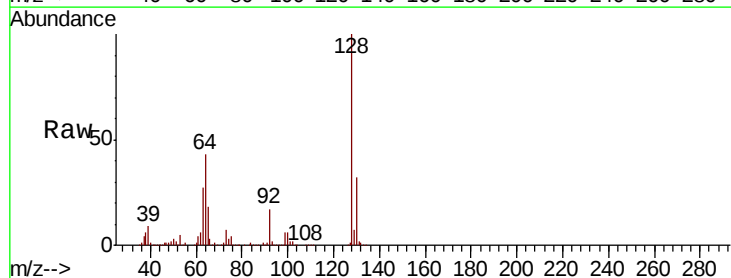
RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion:	128	Resp:	403322
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.3	52.3
64	42.6	22.5	62.5





#9

Benzaldehyde

Concen: 38.147 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

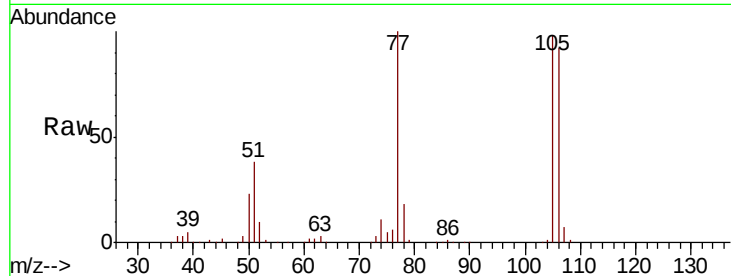
ClientSampleId :

SSTDCCC040

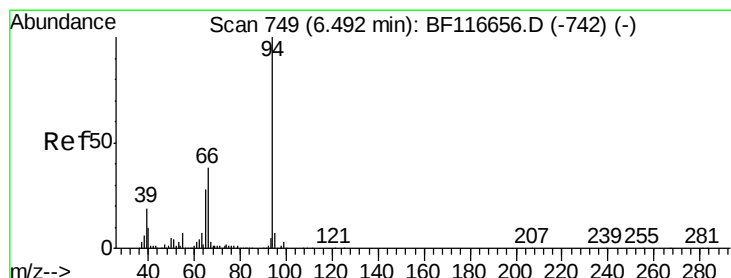
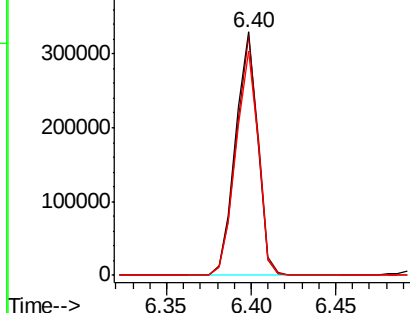
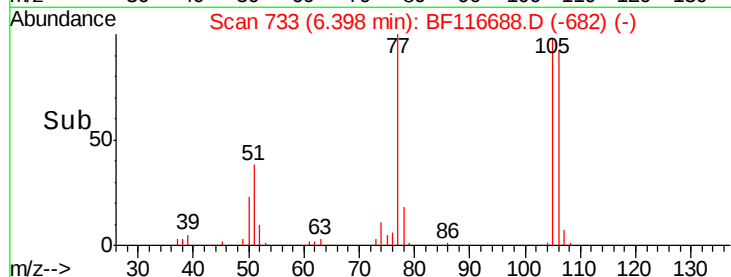
Tot Ion:	77	Resp:	299541
Ion Ratio	Lower	Upper	
77	100		
105	98.5	76.7	116.7
106	92.4	73.1	113.1

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



#10

Phenol

Concen: 40.540 ng

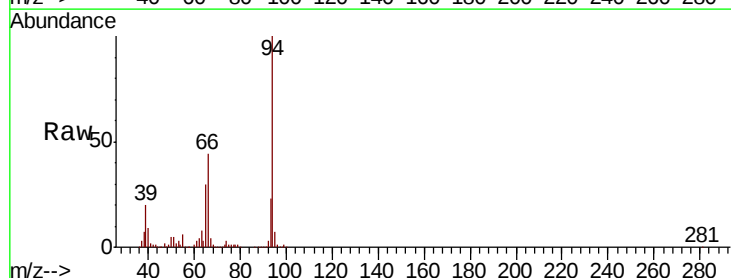
RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

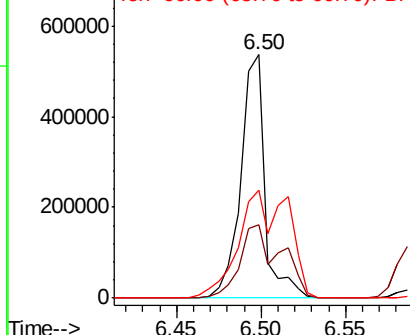
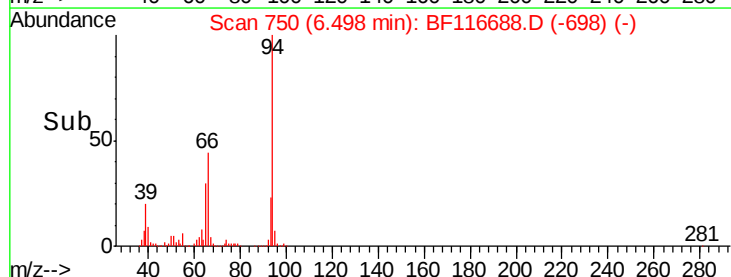
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Tgt Ion:	94	Resp:	535049
Ion Ratio	Lower	Upper	
94	100		
65	30.4	10.8	50.8
66	44.2	21.1	61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





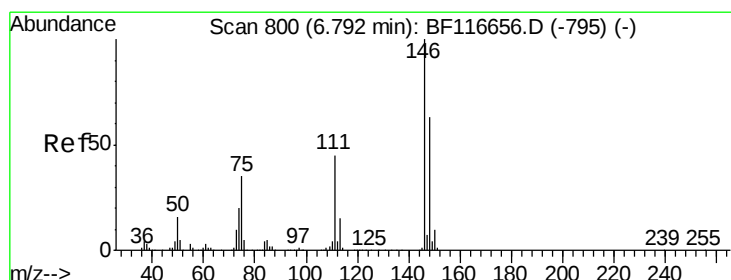
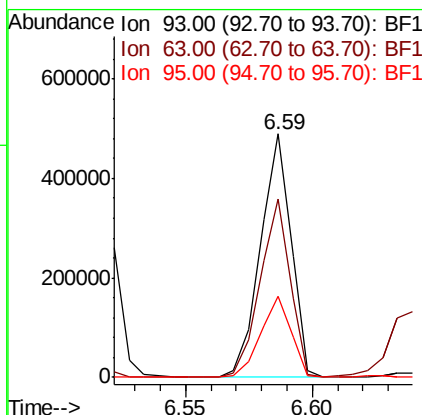
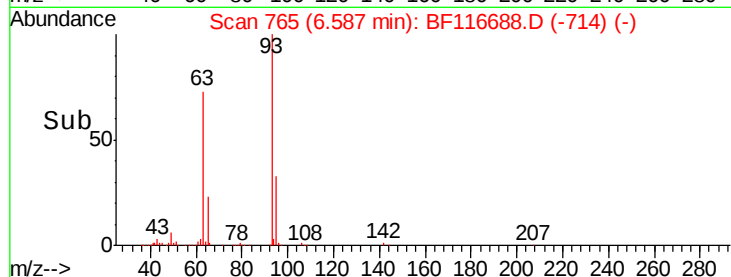
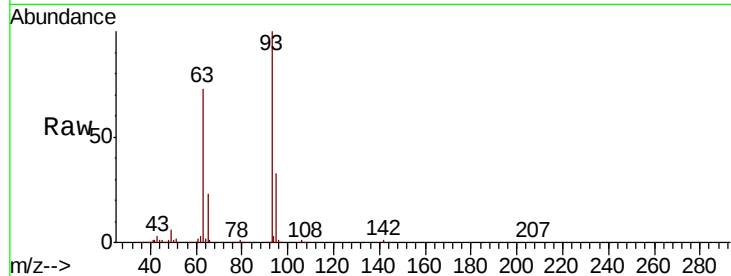
#11
bis(2-Chloroethyl)ether
Concen: 40.214 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	49.9	89.9
95	33.2	12.7	52.7

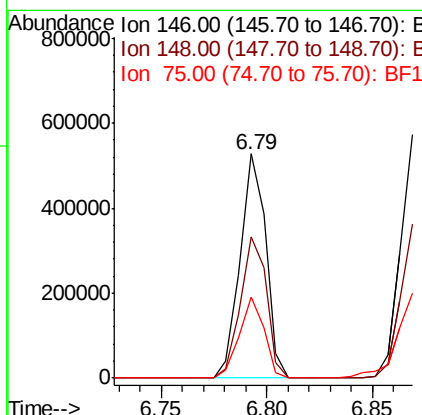
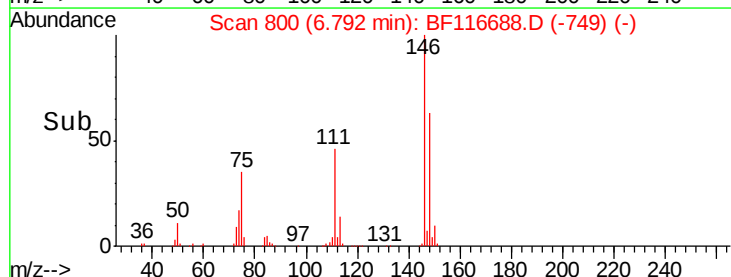
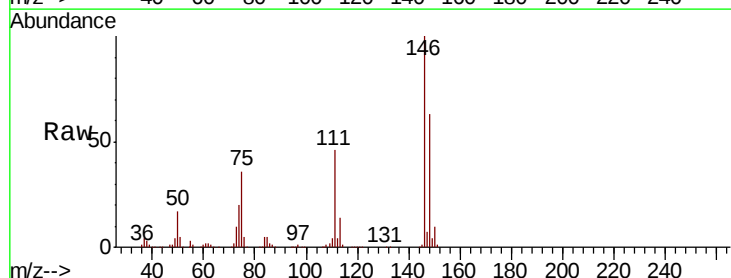
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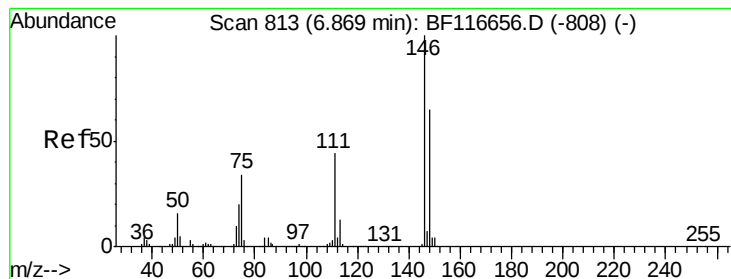
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.741 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	36.1	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 40.413 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

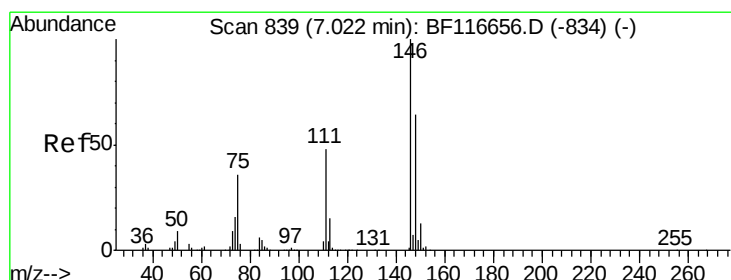
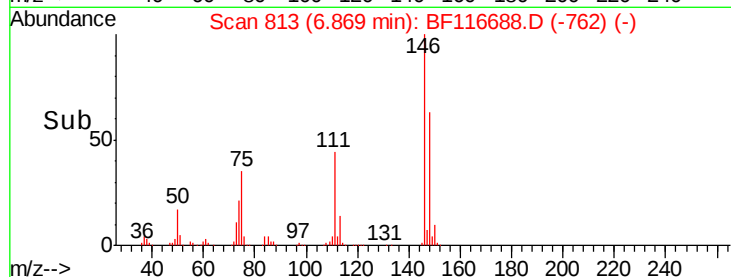
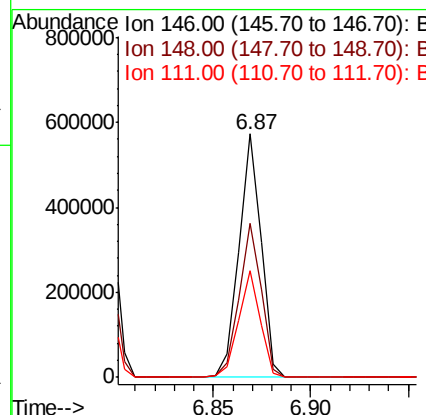
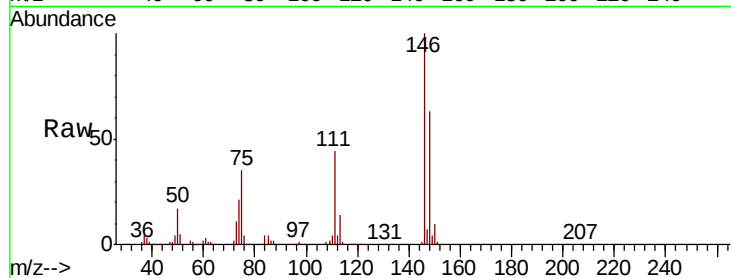
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	450578
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.2
111	43.7	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 40.317 ng

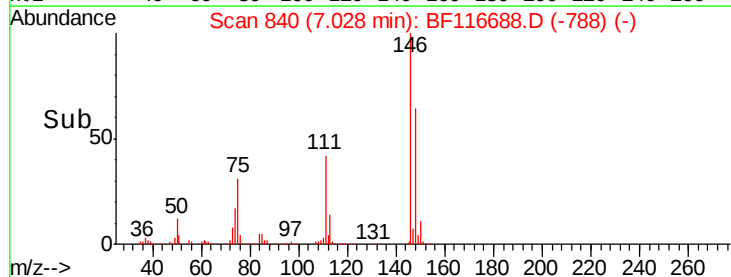
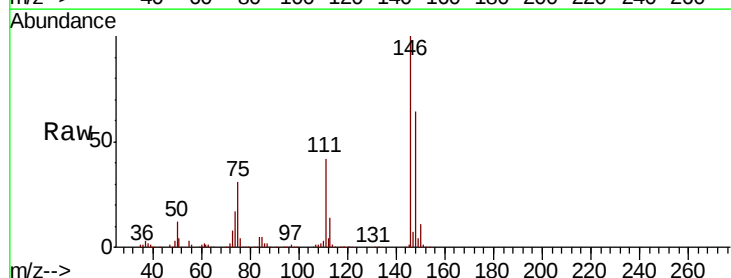
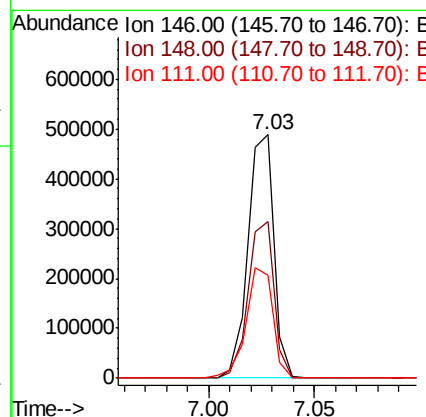
RT: 7.03 min Scan# 840

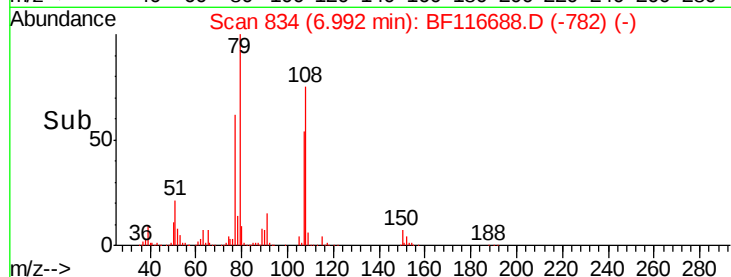
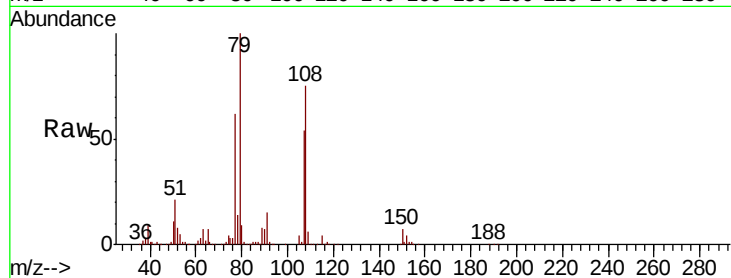
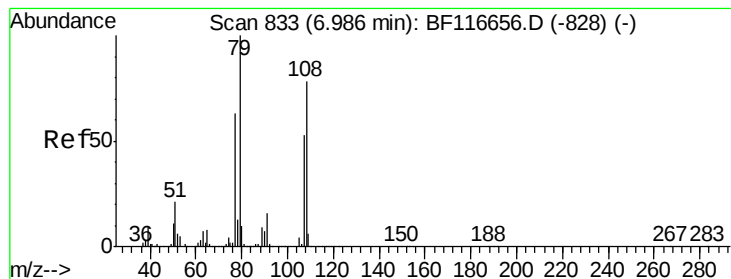
Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion:	146	Resp:	416566
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.6	78.8
111	42.4	34.2	51.4





#15

Benzyl Alcohol

Concen: 40.946 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tot Ion:	79	Resp:	396150
Ion Ratio	Lower	Upper	
79	100		
108	75.3	59.2	88.8
77	62.0	53.0	79.4

Instrument :

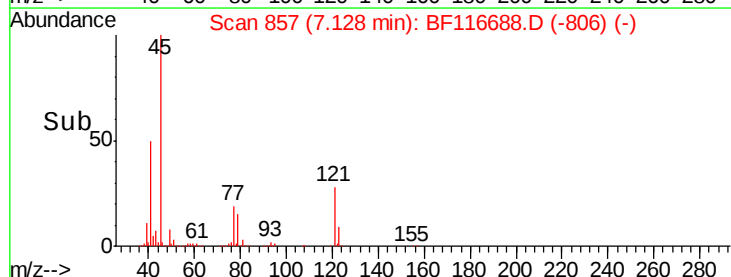
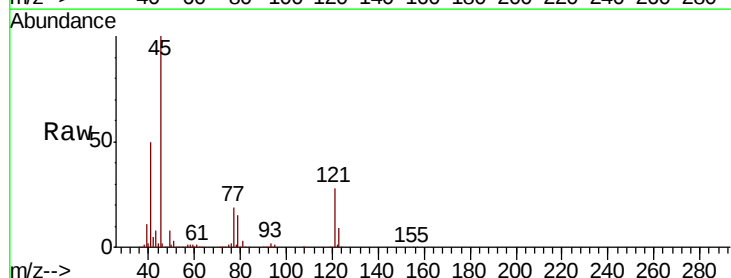
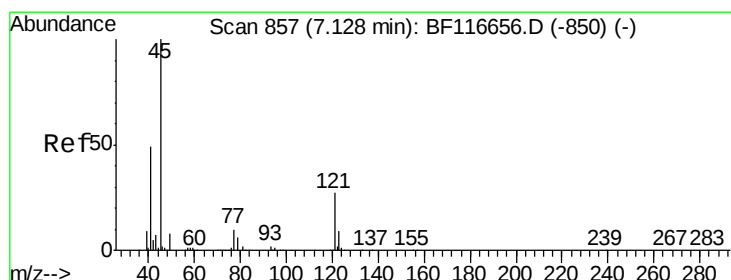
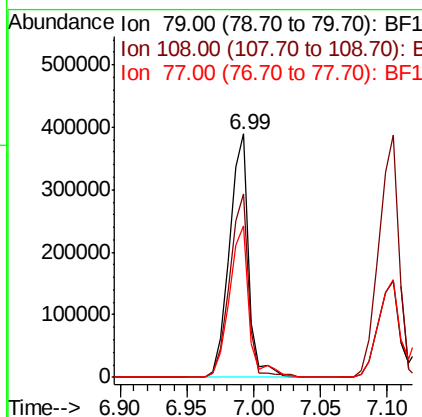
BNA_F

ClientSampleId :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.797 ng

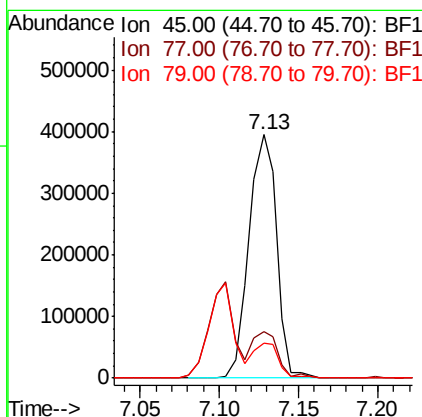
RT: 7.13 min Scan# 857

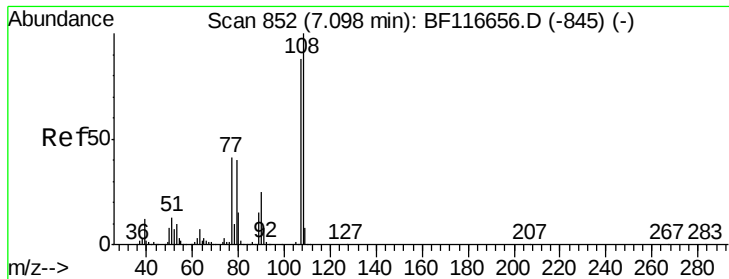
Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion:	45	Resp:	479838
Ion Ratio	Lower	Upper	
45	100		
77	18.9	0.0	38.2
79	14.6	0.0	33.9





#17

2-Methylphenol

Concen: 40.136 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

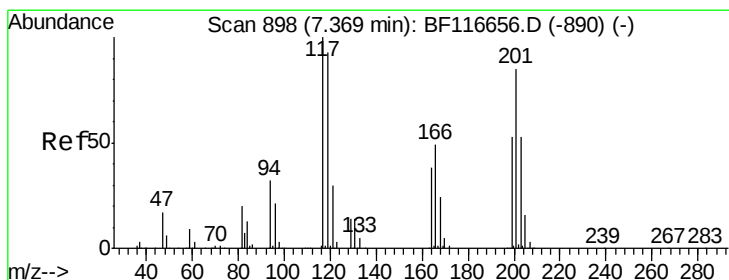
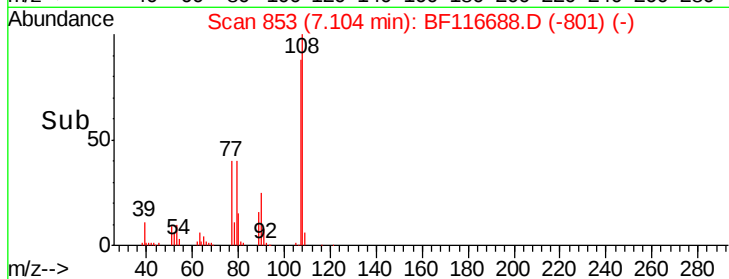
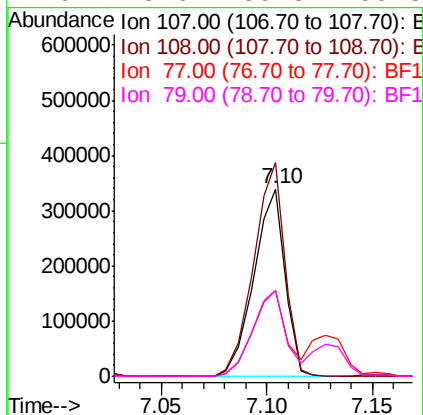
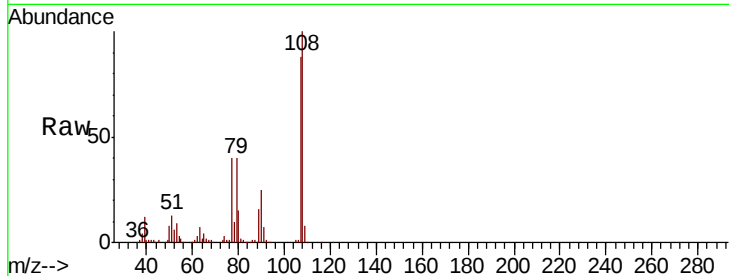
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	88.3	132.5	
77	45.9	39.9	59.9	
79	45.6	39.8	59.8	

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#18

Hexachloroethane

Concen: 40.310 ng

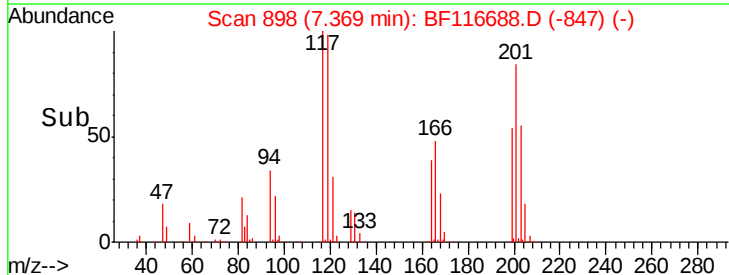
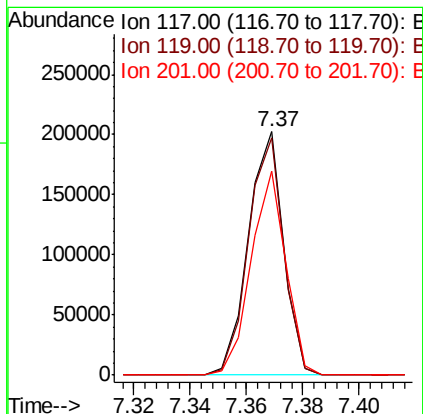
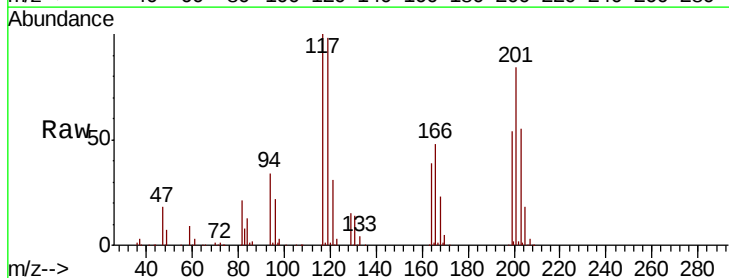
RT: 7.37 min Scan# 898

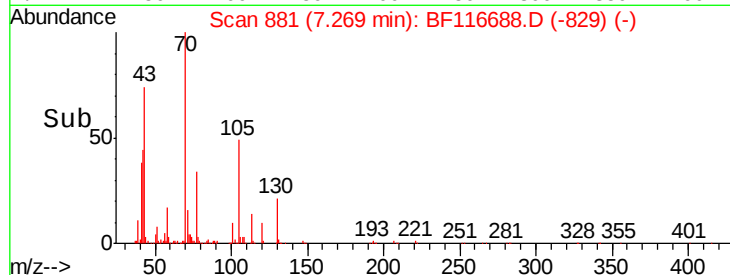
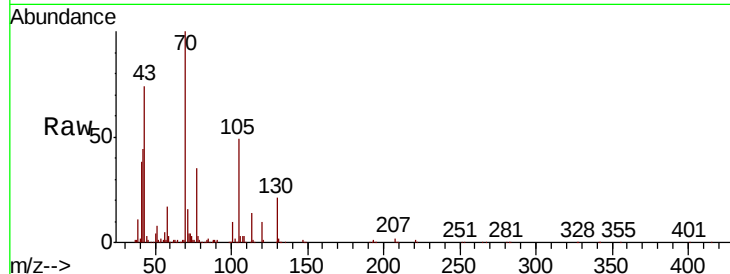
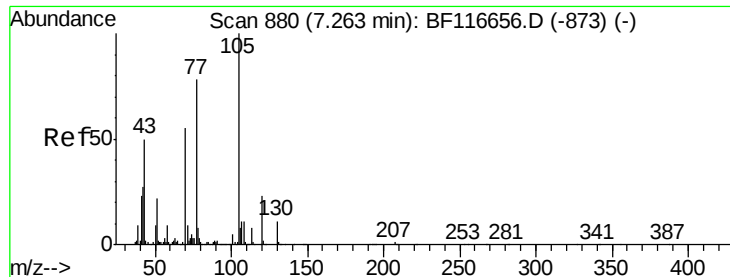
Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	76.9	115.3	
201	83.6	79.4	119.0	





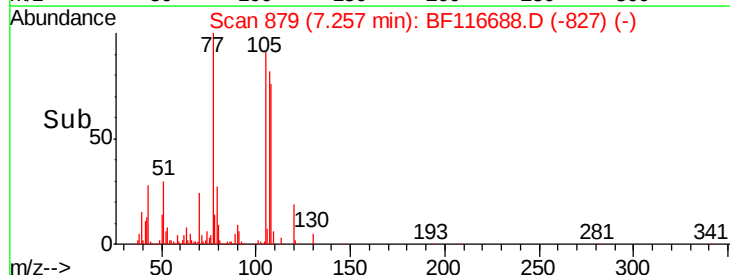
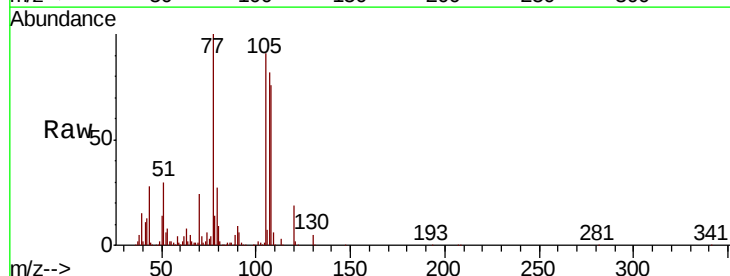
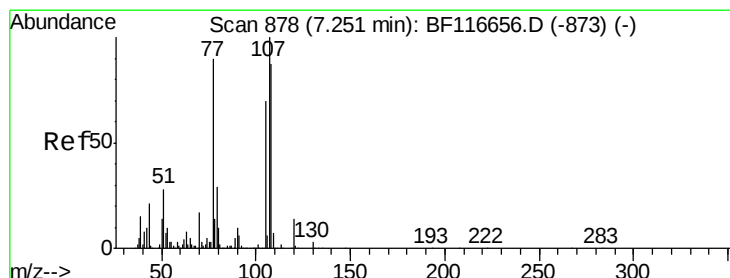
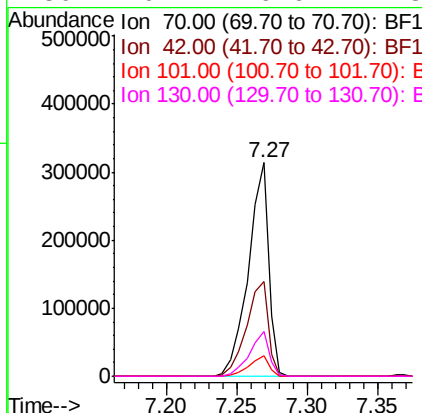
#19
n-Nitroso-di-n-propylamine
Concen: 40.306 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	43.5	65.3
101	9.6	7.8	11.6
130	20.7	16.6	24.8

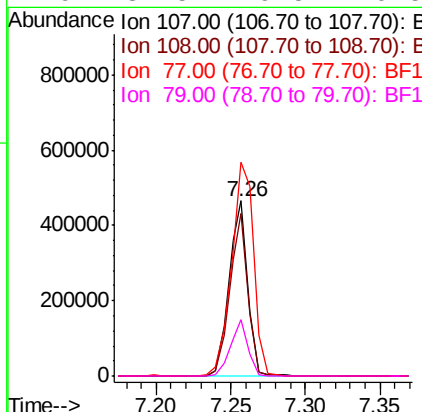
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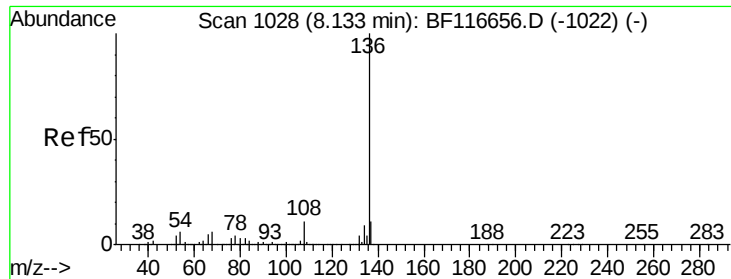
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#20
3+4-Methylphenols
Concen: 40.853 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	65.5	105.5
77	122.1	69.4	109.4#
79	32.5	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

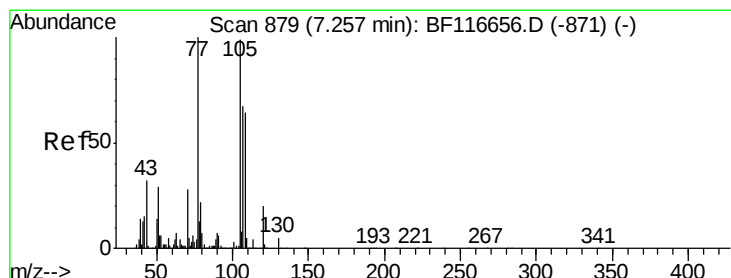
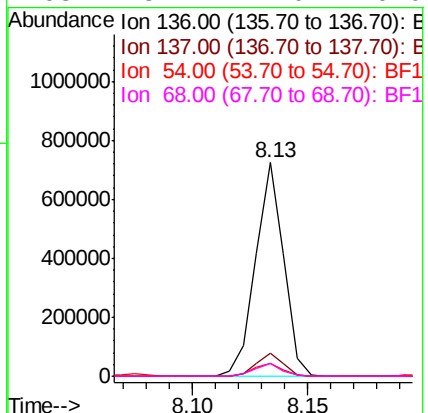
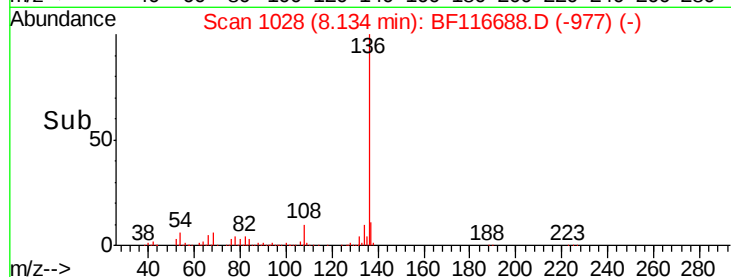
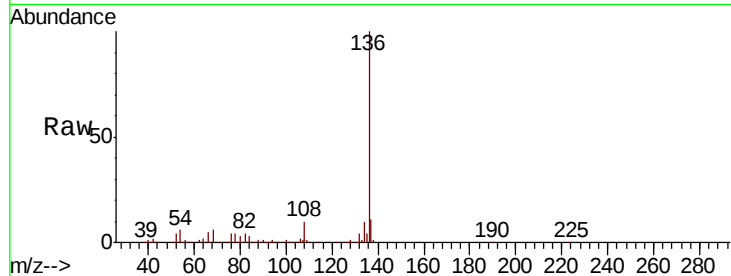
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		615638		
137	10.7		8.9	13.3	
54	6.3		4.8	7.2	
68	5.7		4.0	6.0	

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#22

Acetophenone

Concen: 39.812 ng

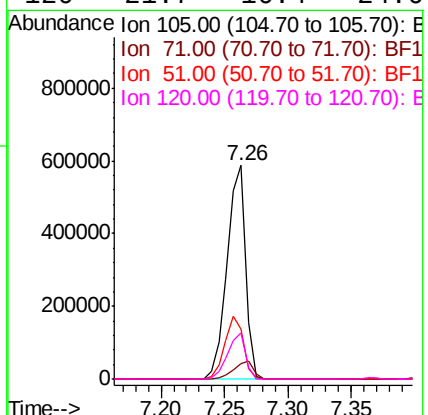
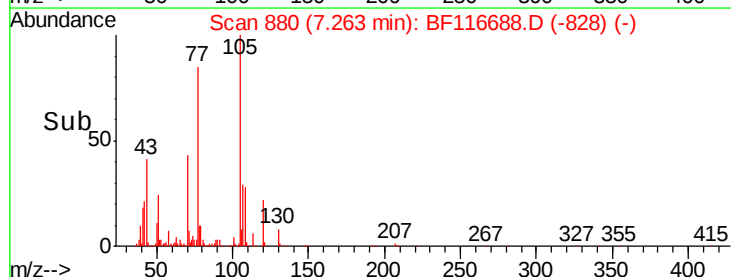
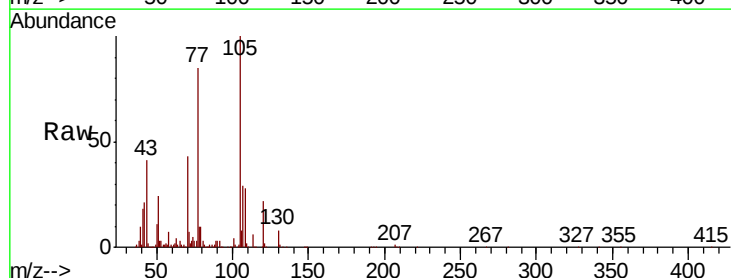
RT: 7.26 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		590072		
71	7.0		4.2	6.4#	
51	23.7		25.8	38.8#	
120	21.7		16.4	24.6	





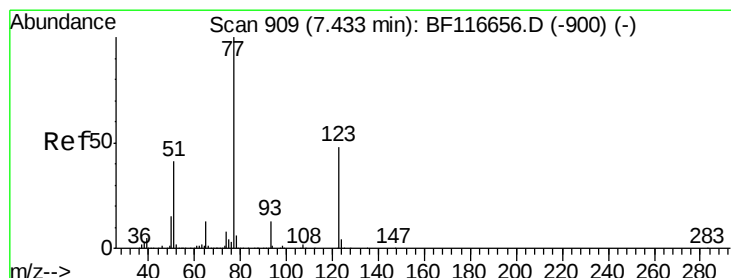
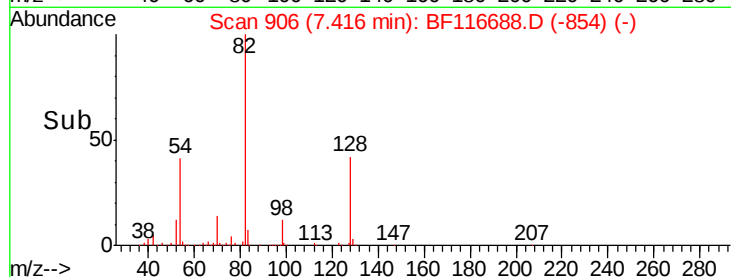
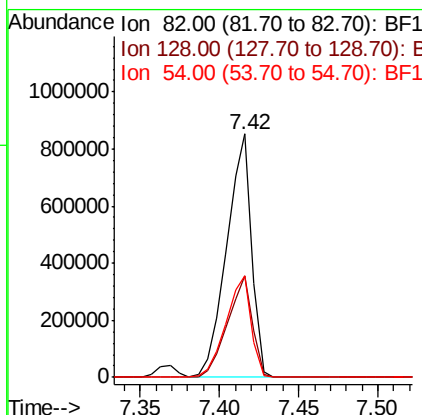
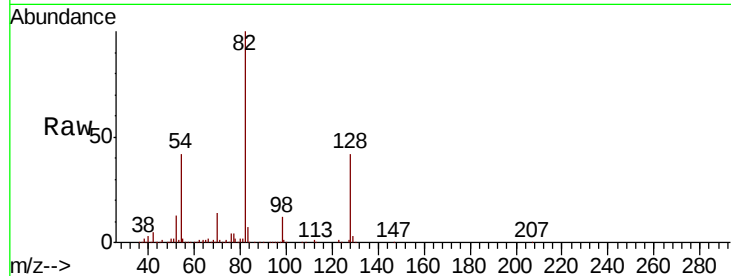
#23
 Nitrobenzene-d5
 Concen: 85.726 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	41.8	36.9	55.3

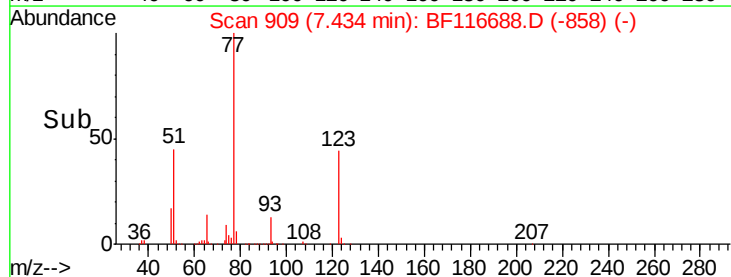
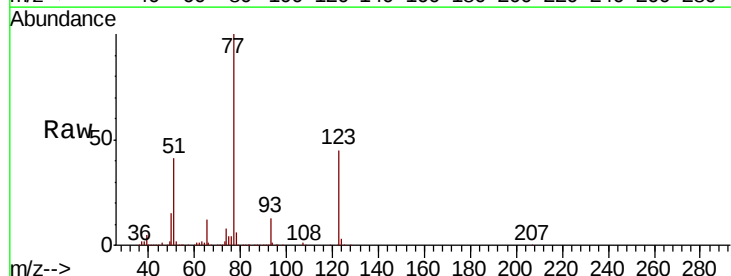
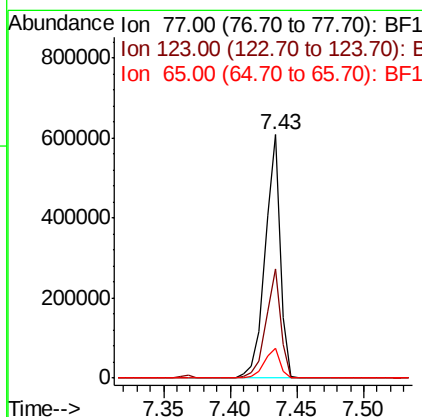
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#24
 Nitrobenzene
 Concen: 42.954 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	33.1	49.7
65	12.5	10.6	15.8





#25

Isophorone

Concen: 39.439 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

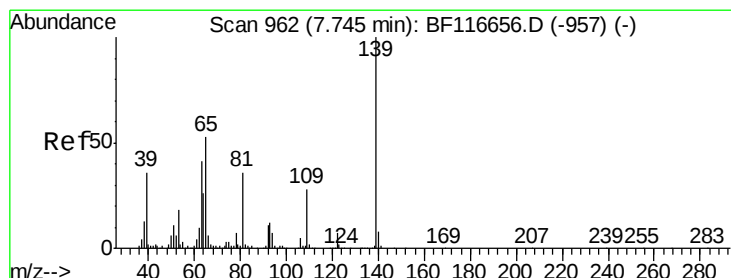
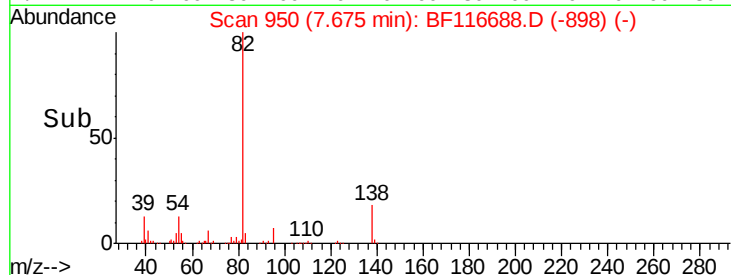
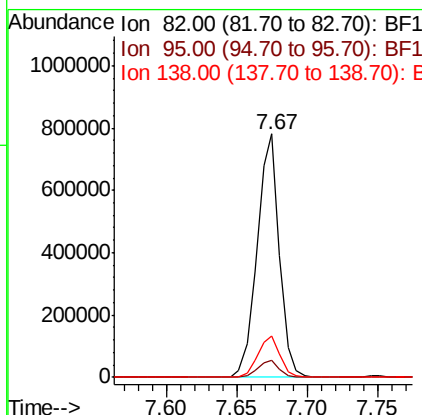
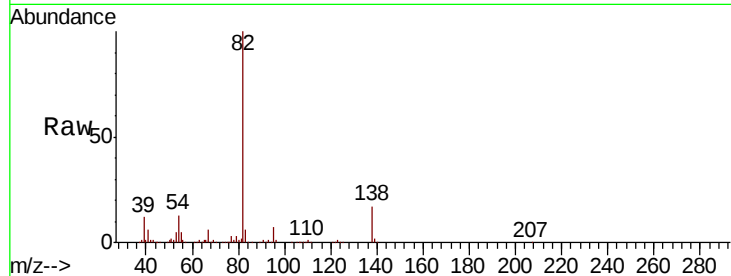
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	861846
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.8	8.6
138	17.2	13.5	20.3

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#26

2-Nitrophenol

Concen: 49.017 ng

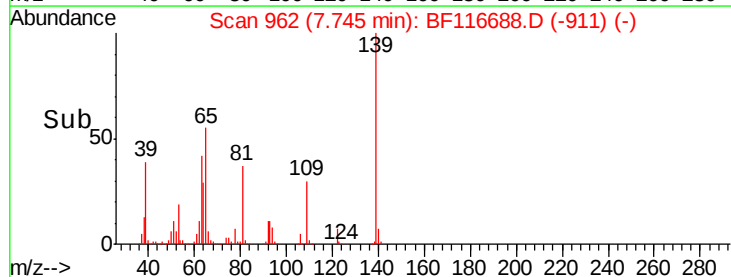
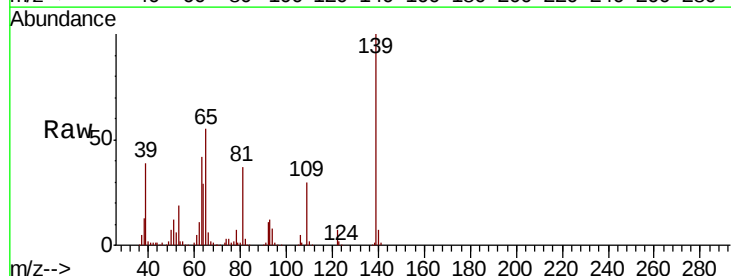
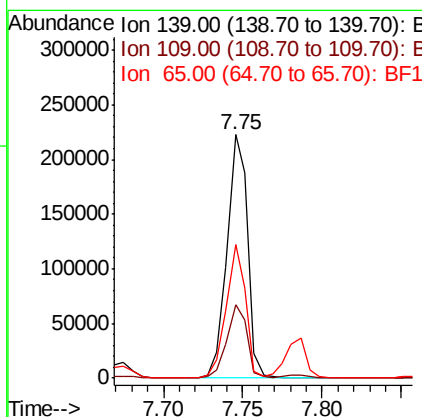
RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion:	139	Resp:	199877
Ion Ratio	Lower	Upper	
139	100		
109	30.2	27.1	40.7
65	55.1	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 40.021 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

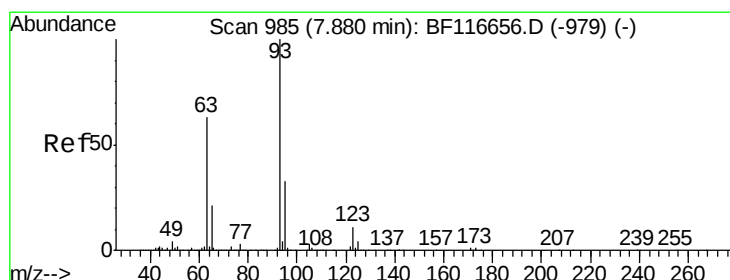
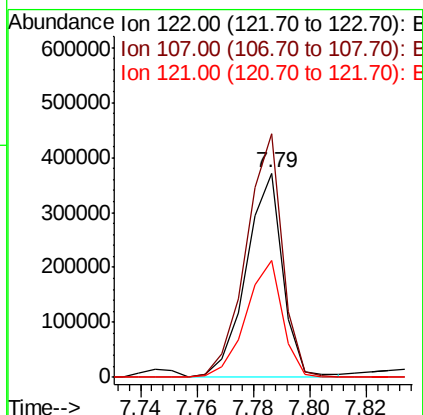
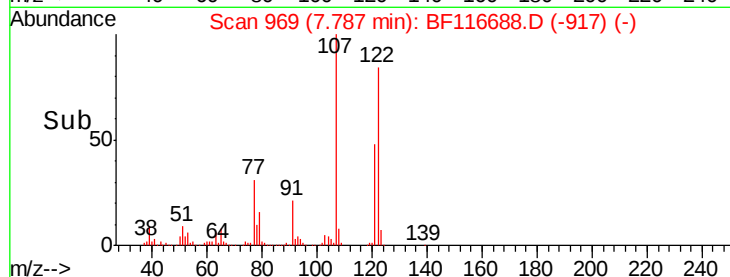
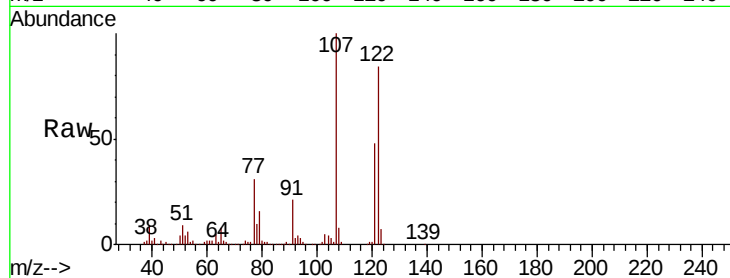
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	329587
Ion Ratio	Lower	Upper	
122	100		
107	119.3	98.1	147.1
121	57.6	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 40.264 ng

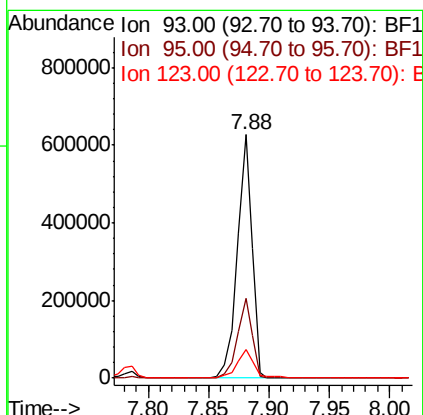
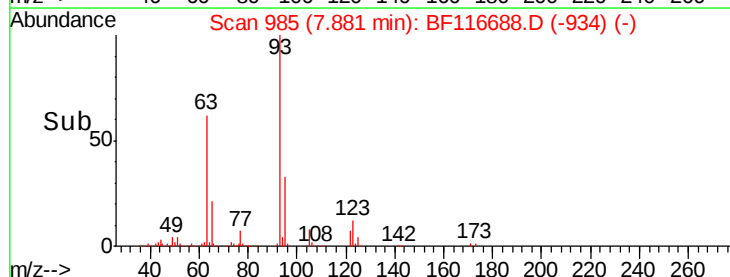
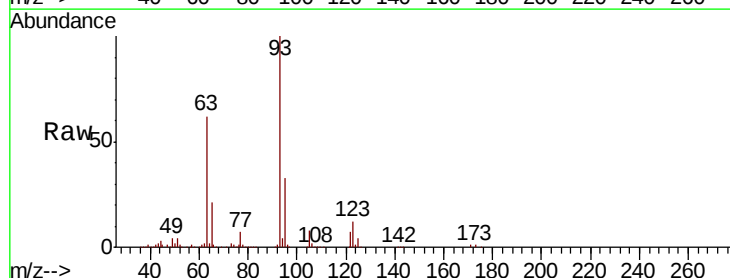
RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion:	93	Resp:	537685
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.4	39.6
123	11.7	9.8	14.8





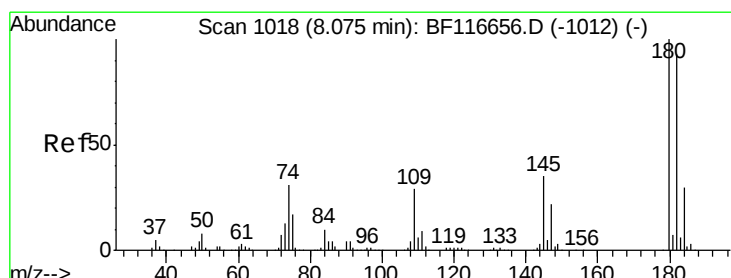
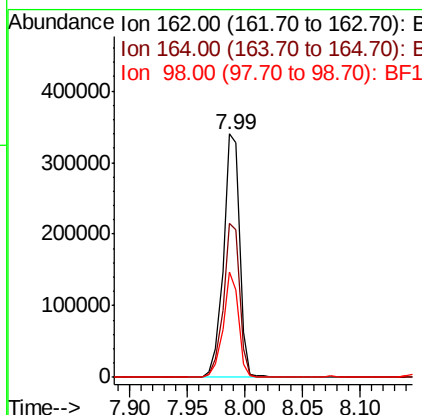
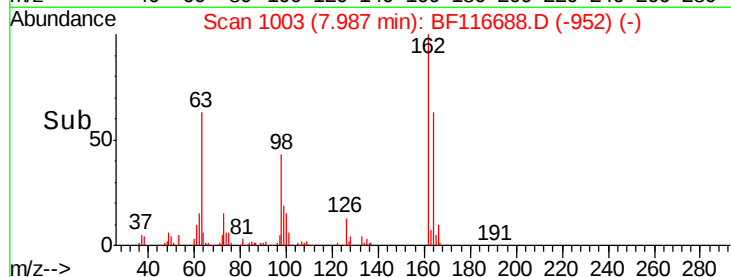
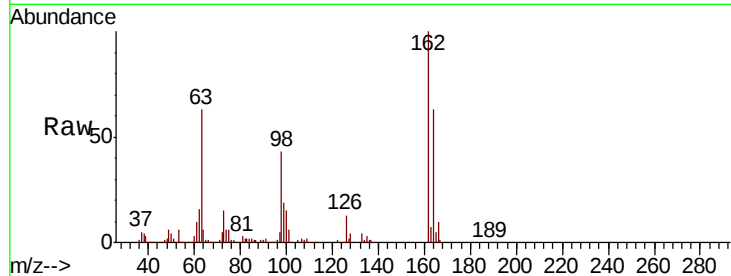
#29
2,4-Dichlorophenol
Concen: 42.069 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	332947
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.4	83.4
98	43.4	18.1	58.1

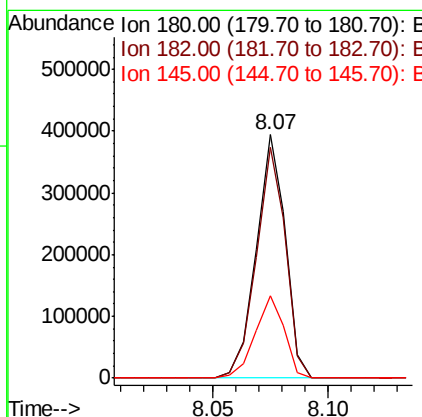
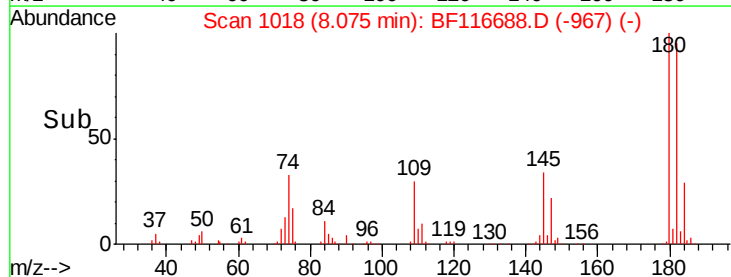
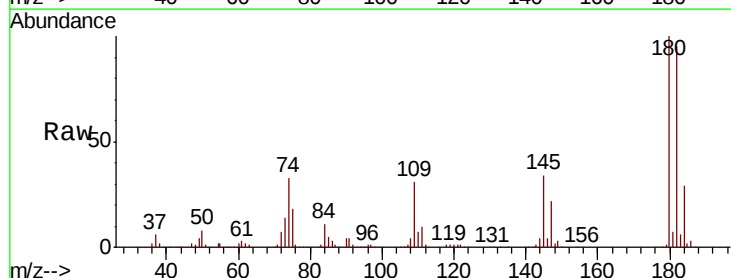
Manual Integrations
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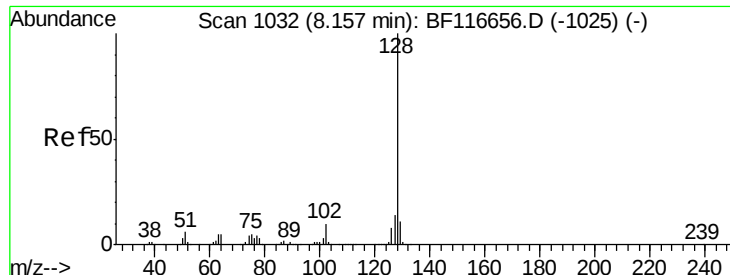
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.366 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion:	180	Resp:	346509
Ion Ratio	Lower	Upper	
180	100		
182	94.9	78.6	118.0
145	33.9	25.7	38.5





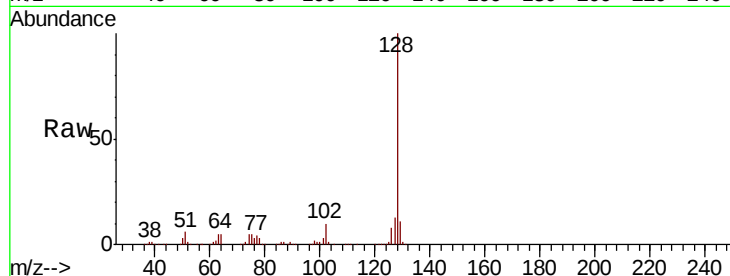
#31
Naphthalene
Concen: 40.469 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.5	10.4	15.6

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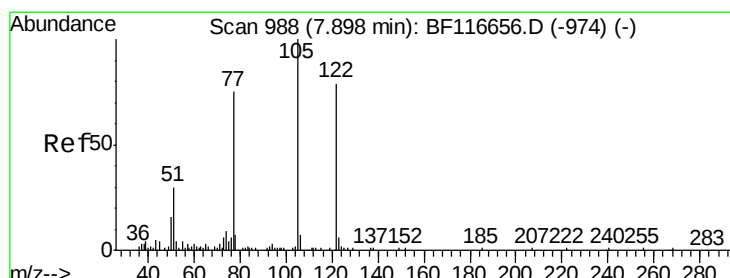
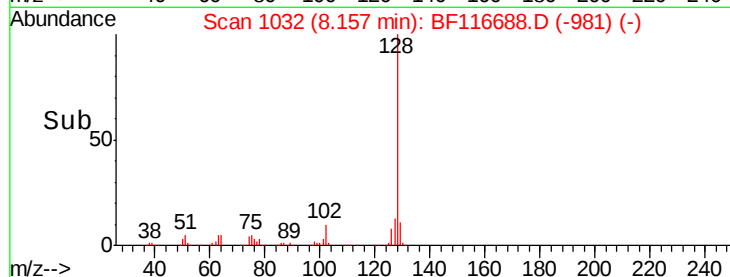
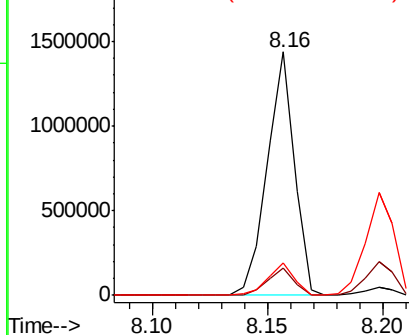


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 39.865 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

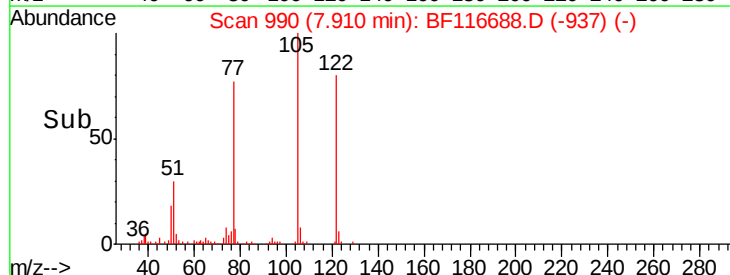
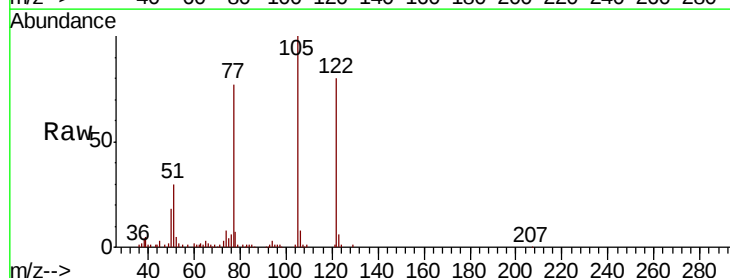
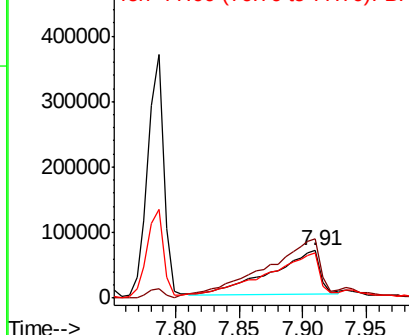
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	110.0	150.0
77	96.6	81.7	121.7

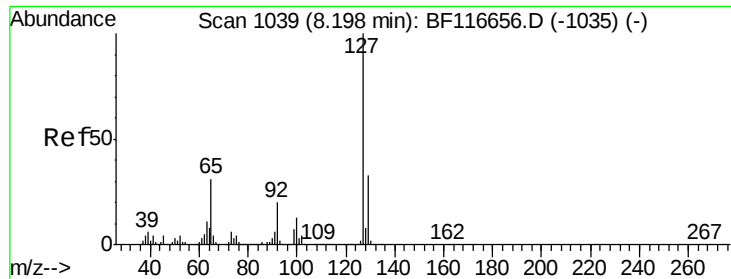
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





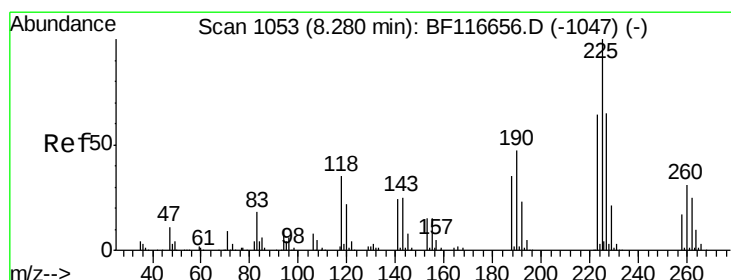
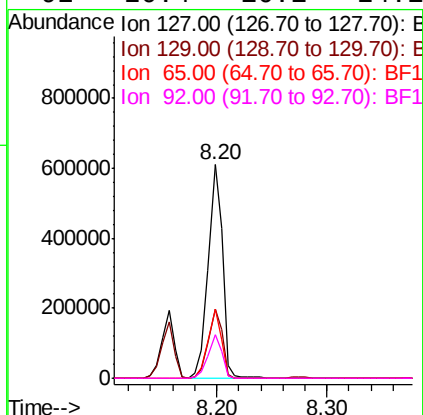
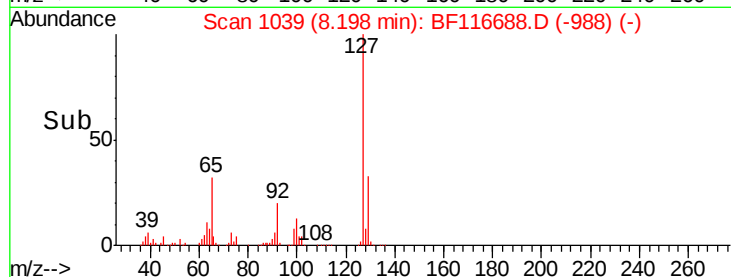
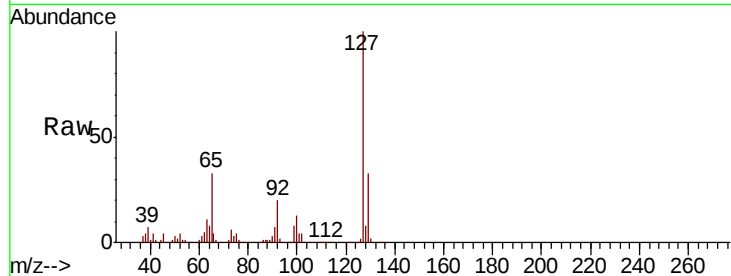
#33
4-Chloroaniline
Concen: 39.915 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		531893		
129	32.6	26.2	39.2		
65	32.5	26.0	39.0		
92	20.4	16.1	24.1		

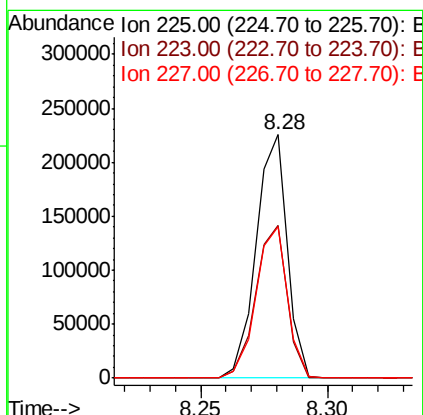
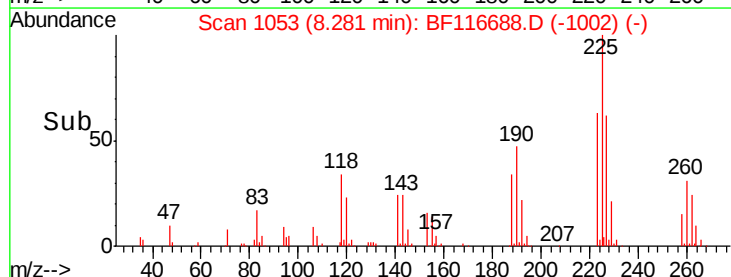
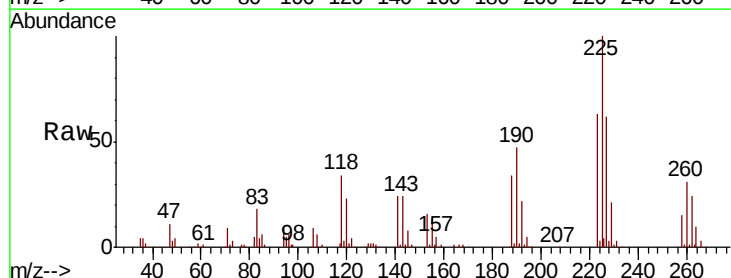
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#34
Hexachlorobutadiene
Concen: 41.186 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		192769		
223	62.7	49.4	74.2		
227	62.2	51.0	76.4		





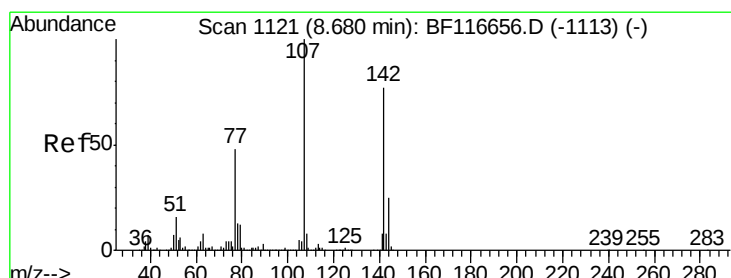
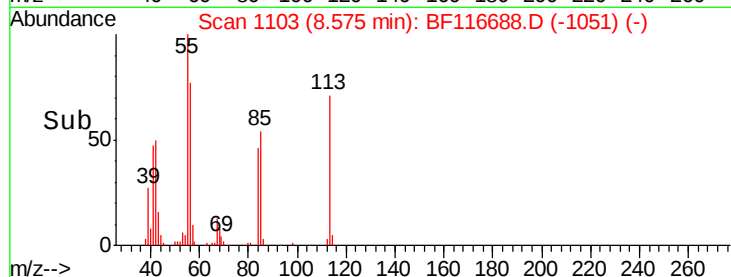
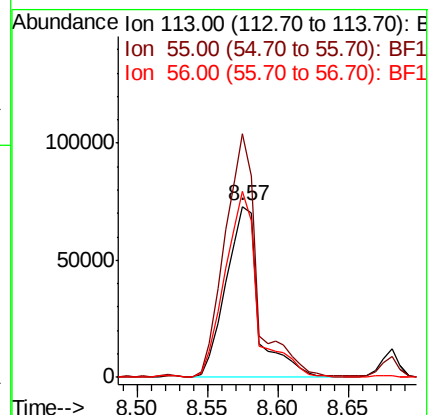
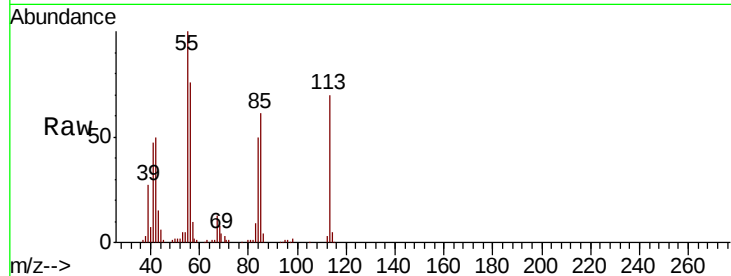
#35
Caprolactam
Concen: 39.924 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118250		
55	142.5	124.3	164.3	
56	108.9	94.6	134.6	

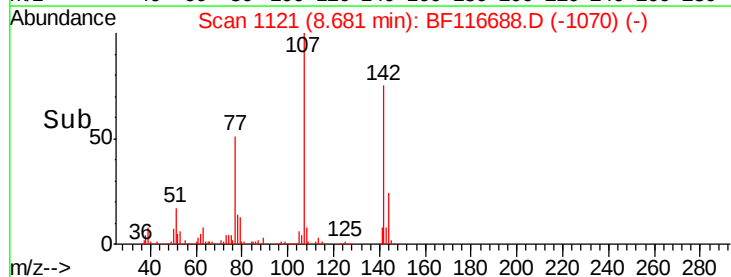
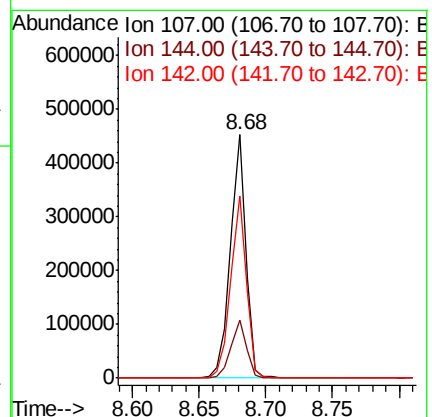
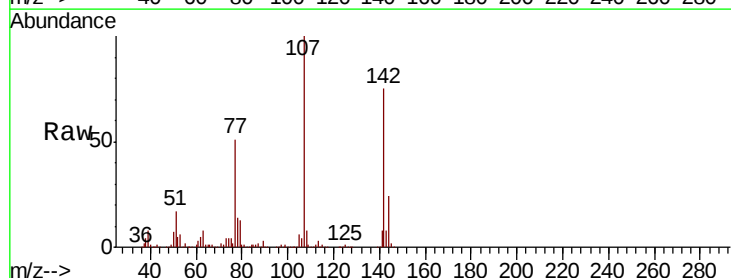
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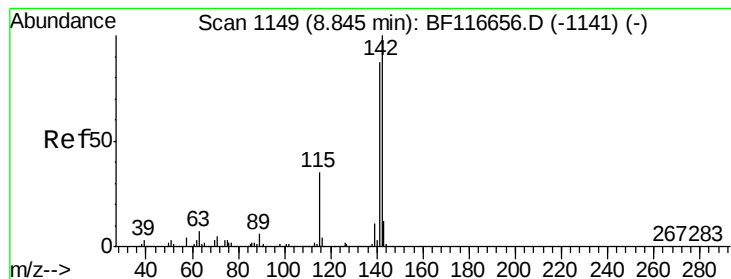
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#36
4-Chloro-3-methylphenol
Concen: 41.418 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	376744		
144	23.9	18.6	27.8	
142	74.8	58.5	87.7	





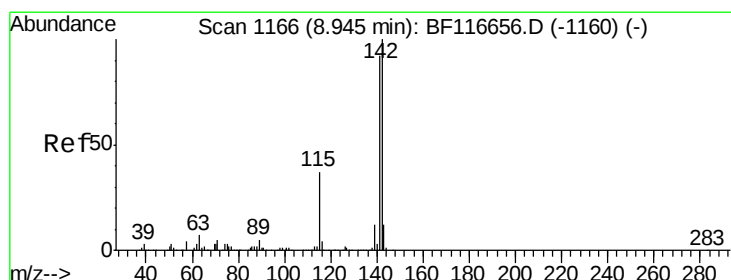
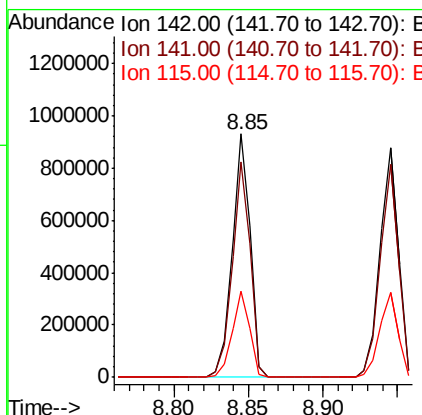
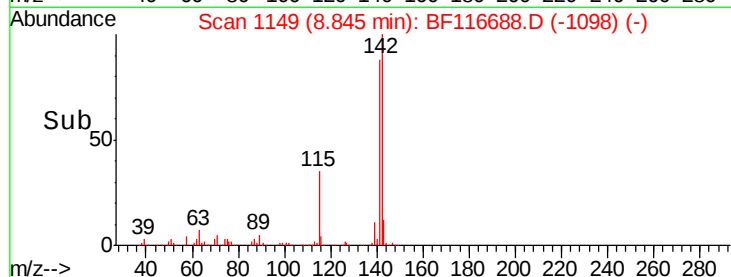
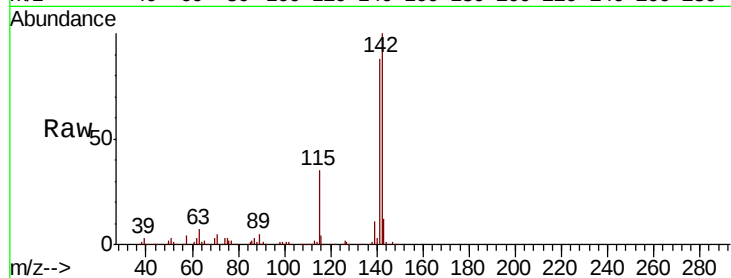
#37
2-Methylnaphthalene
Concen: 40.770 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	109.0
115	35.4	29.8	44.6

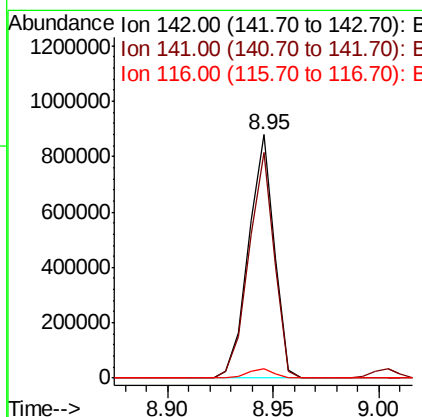
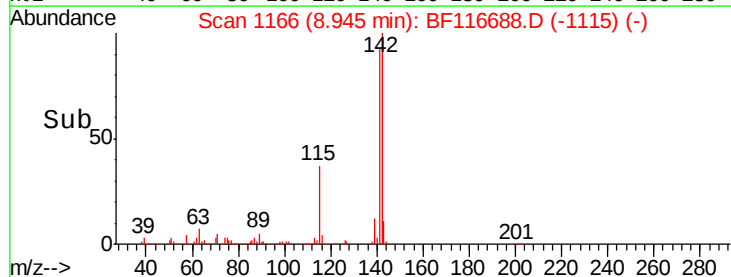
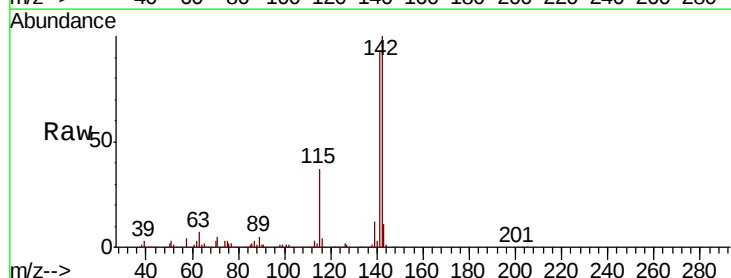
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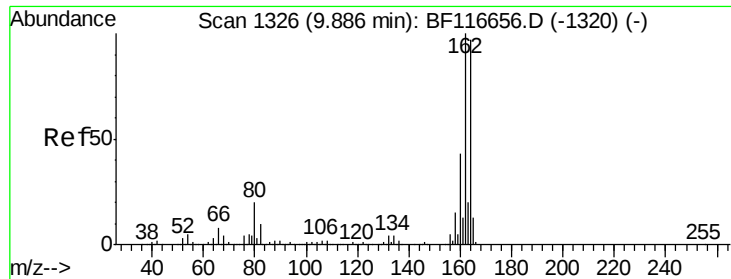
mohammad
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#38
1-Methylnaphthalene
Concen: 40.355 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9
116	3.8	3.0	4.6





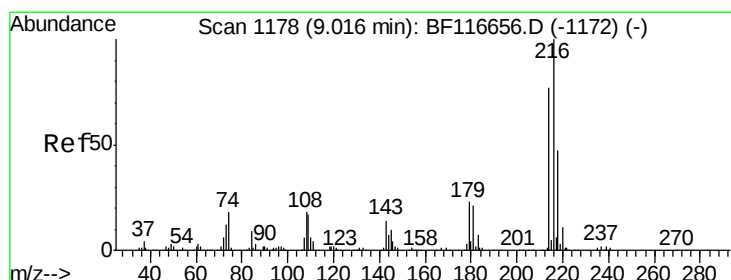
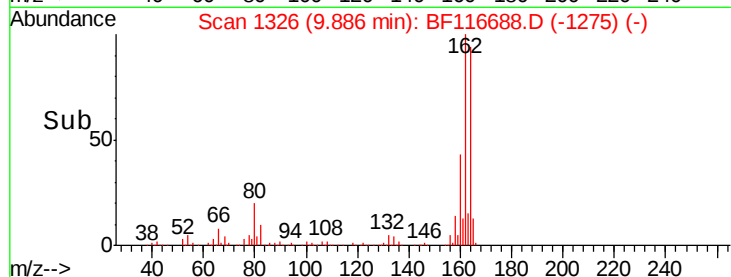
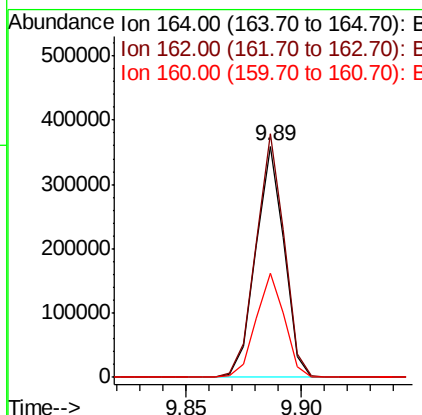
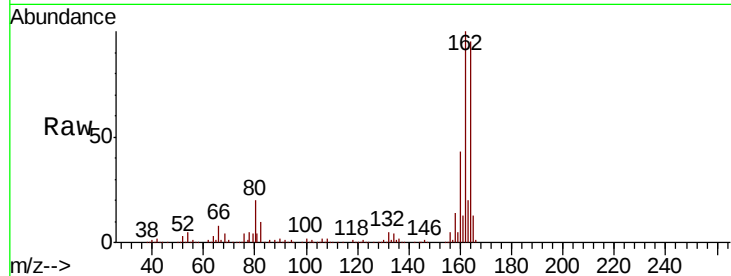
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.4	122.0
160	45.2	35.4	53.2

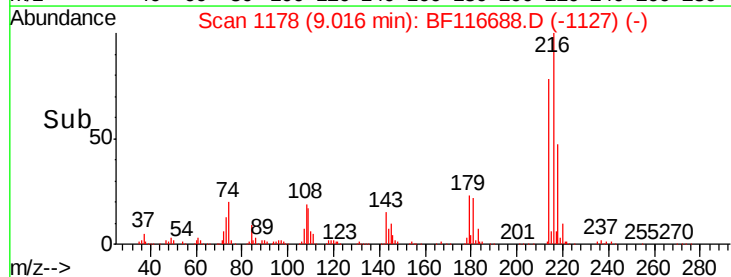
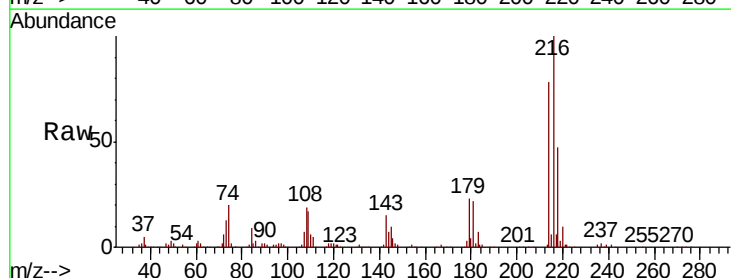
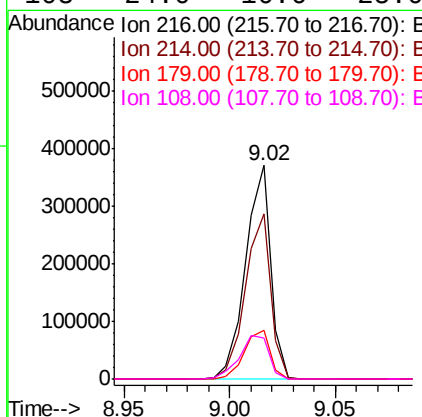
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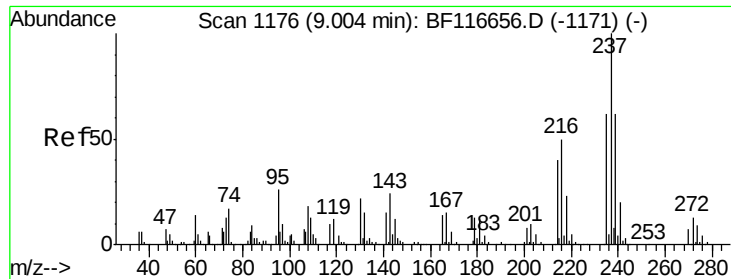
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.385 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.7	94.1
179	23.7	19.3	28.9
108	24.0	16.6	25.0





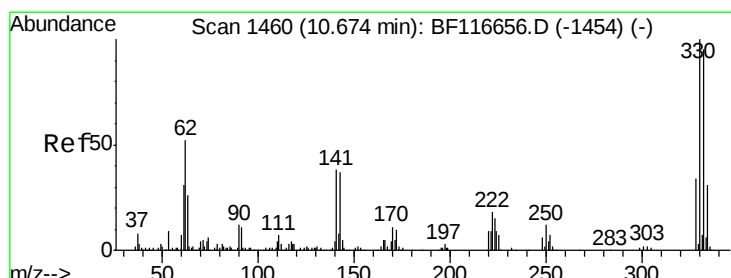
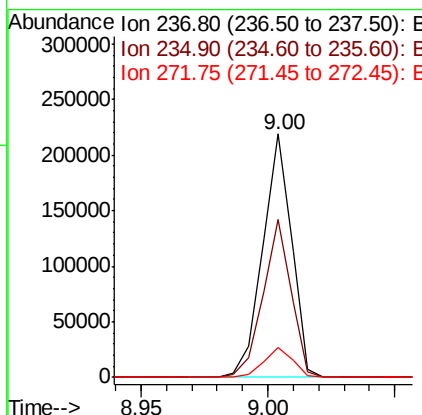
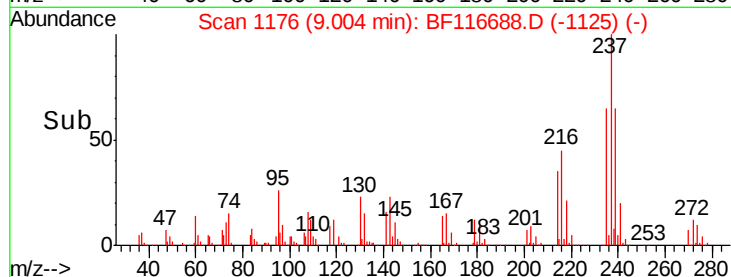
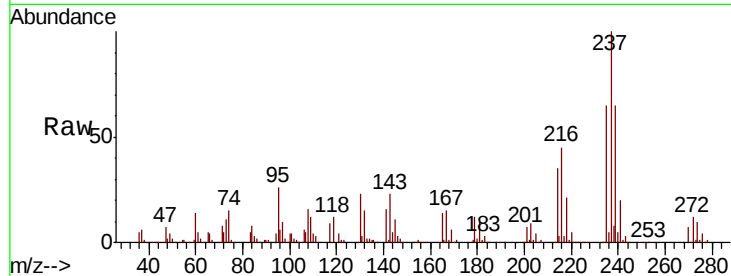
#41
Hexachlorocyclopentadiene
Concen: 41.252 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.1	41.4	81.4
272	12.3	0.0	32.8

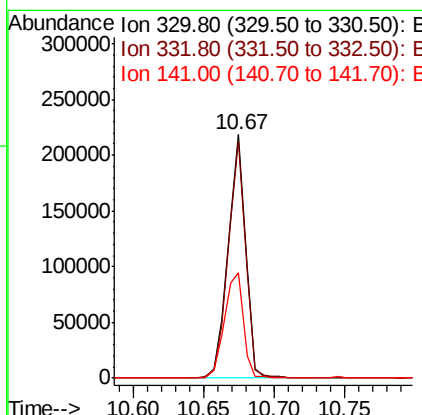
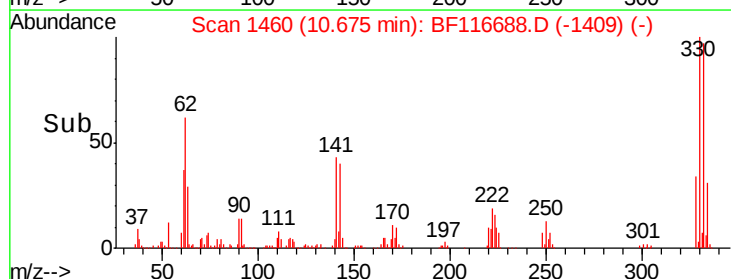
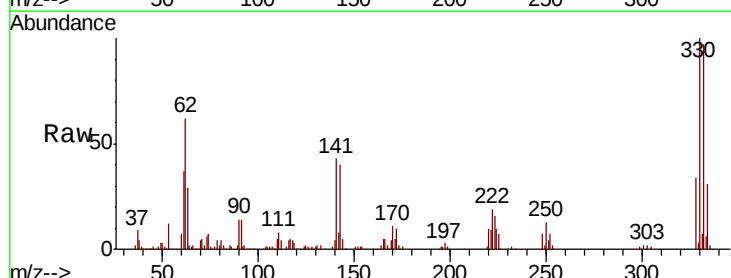
Manual Integrations
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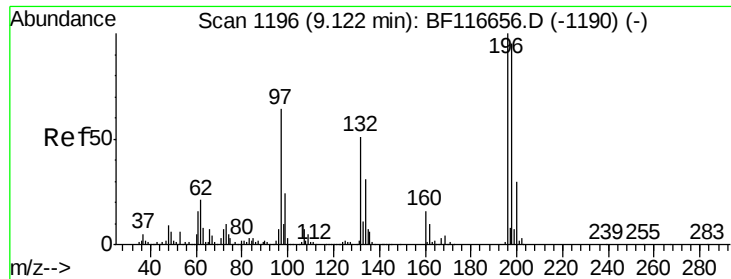
mohammad
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#42
2,4,6-Tribromophenol
Concen: 92.329 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	76.9	115.3
141	46.4	31.4	47.2





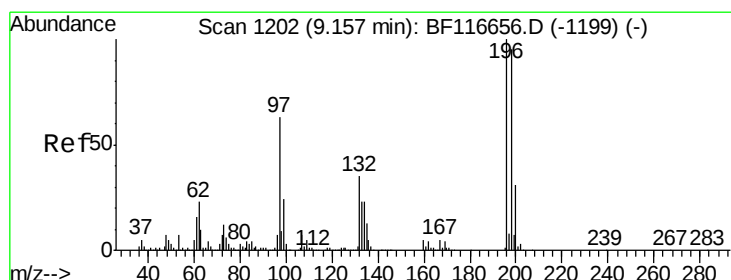
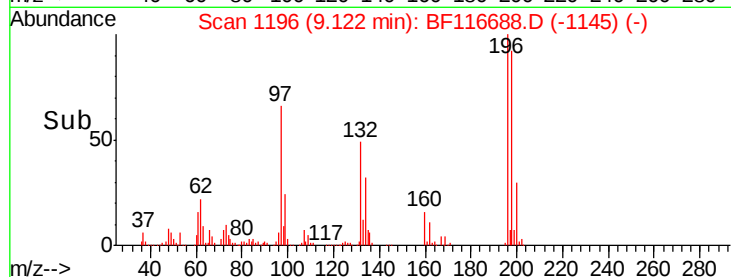
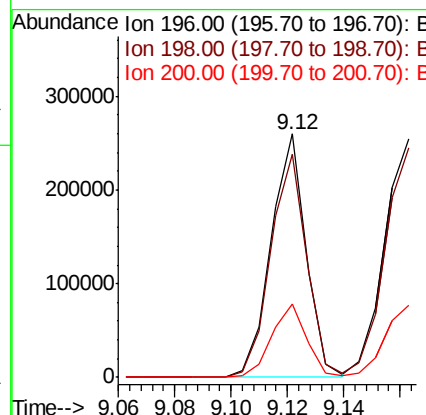
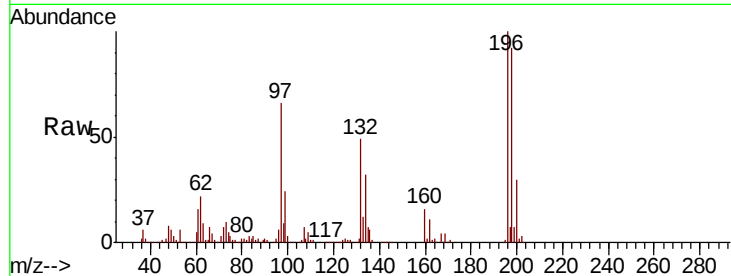
#43
 2,4,6-Trichlorophenol
 Concen: 44.217 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	223557		
198	91.7	79.1	118.7	
200	29.9	24.0	36.0	

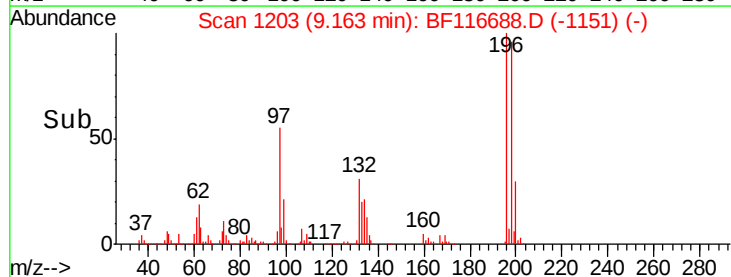
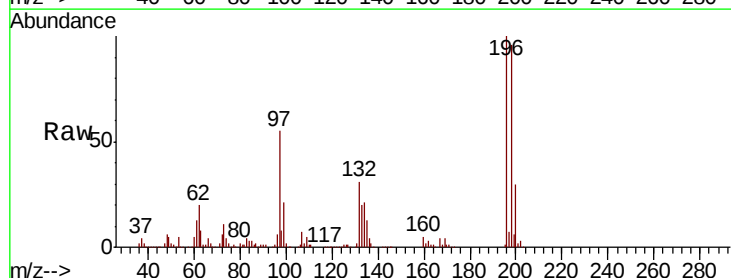
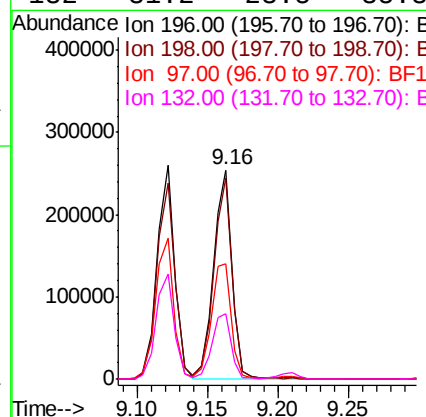
Manual Integrations
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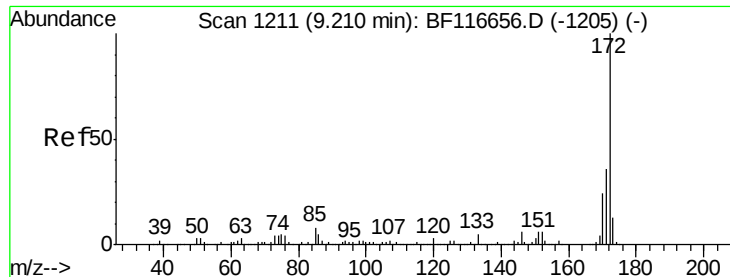
mohammad
 9/5/2019 9:23:06 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.702 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229389		
198	96.0	78.1	117.1	
97	55.3	41.6	62.4	
132	31.2	23.5	35.3	





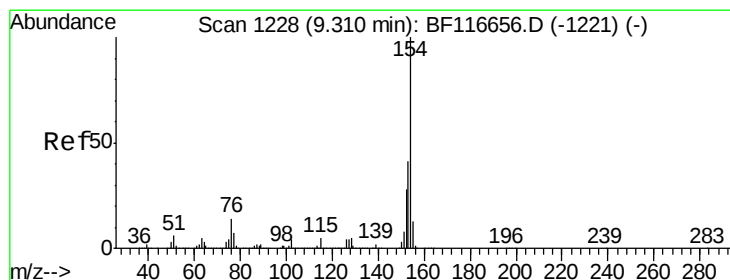
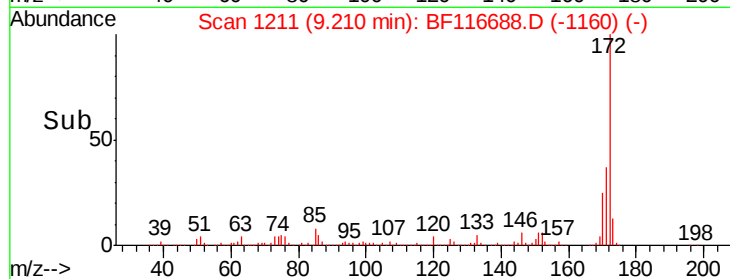
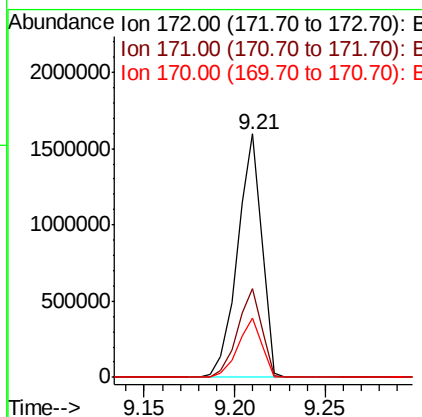
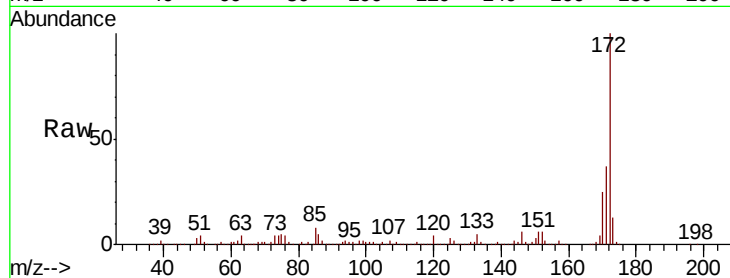
#45
2-Fluorobiphenyl
Concen: 80.867 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.8	41.6
170	24.6	18.9	28.3

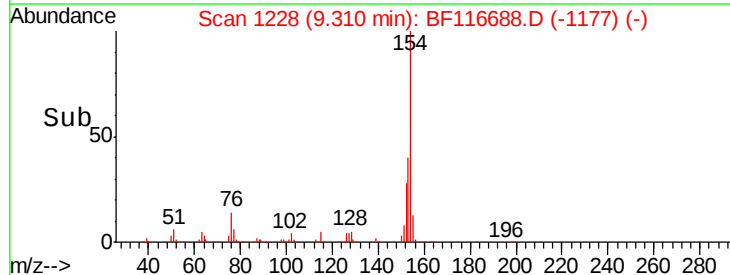
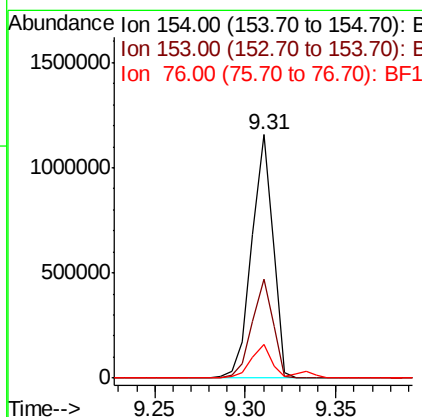
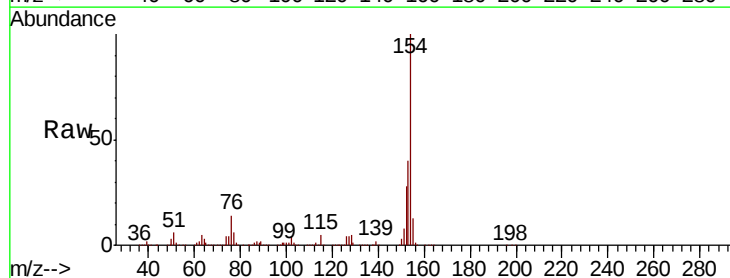
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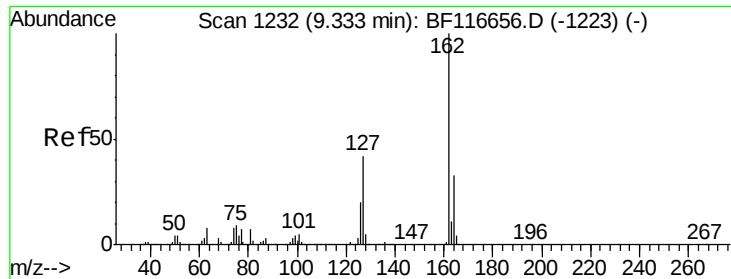
mohammad
9/5/2019 9:23:06 AM



#46
1,1'-Biphenyl
Concen: 40.525 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	13.9	0.0	30.9





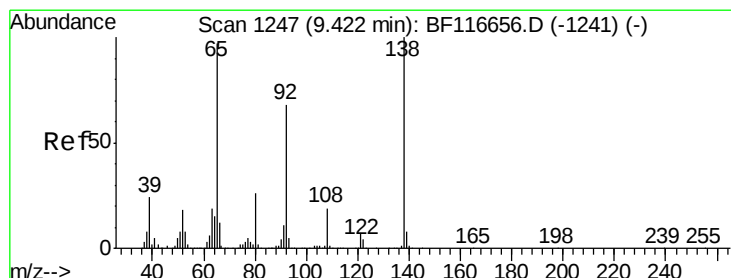
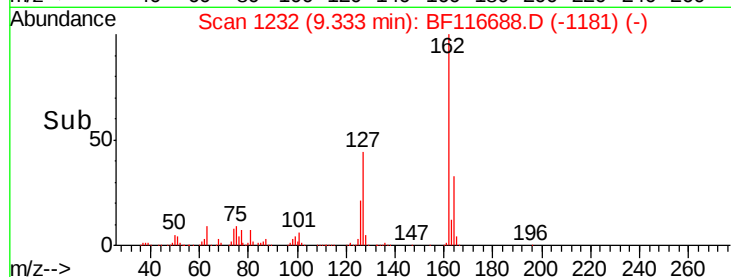
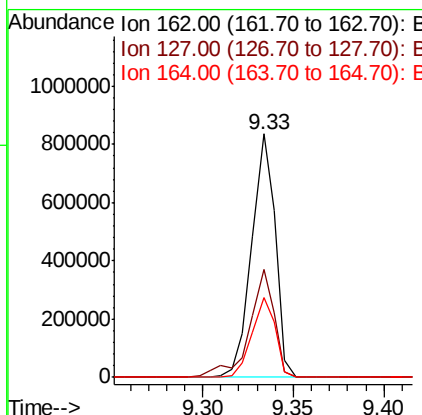
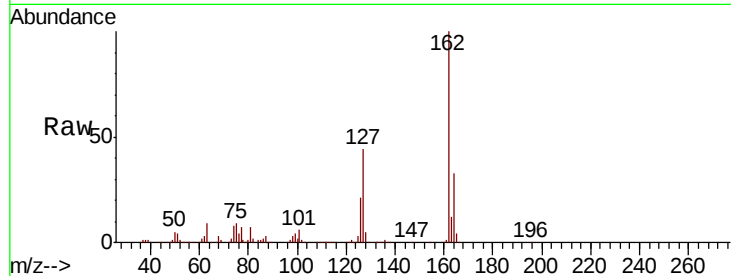
#47
2-Chloronaphthalene
Concen: 40.778 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.2	33.4	50.2
164	32.8	26.6	39.8

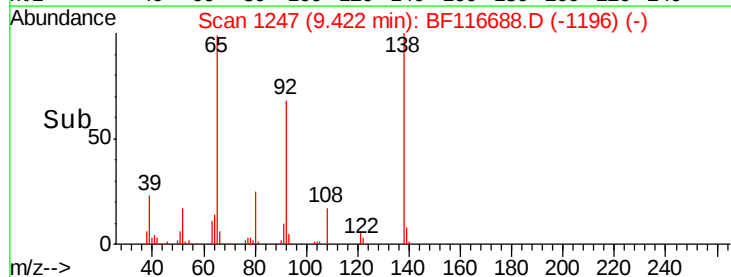
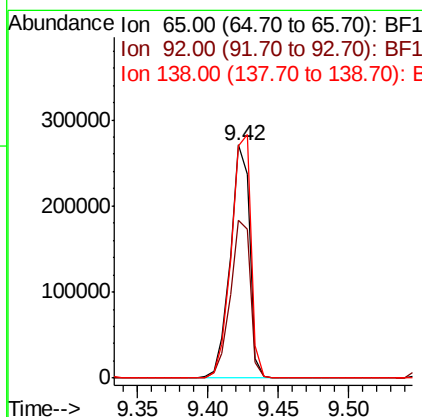
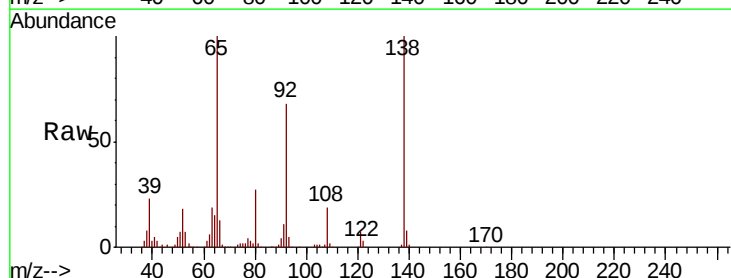
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APPROVED

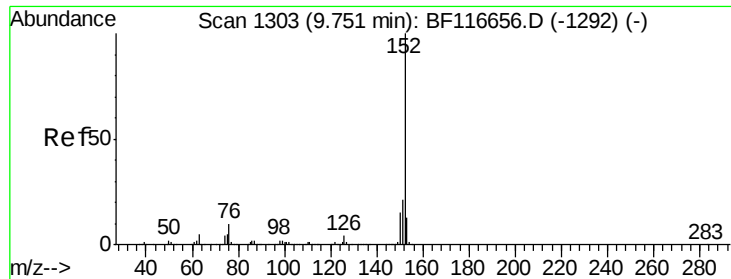
mohammad
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#48
2-Nitroaniline
Concen: 48.406 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.6	57.1	85.7
138	99.8	88.2	132.2





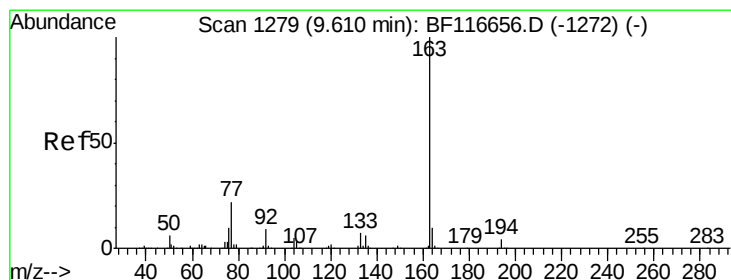
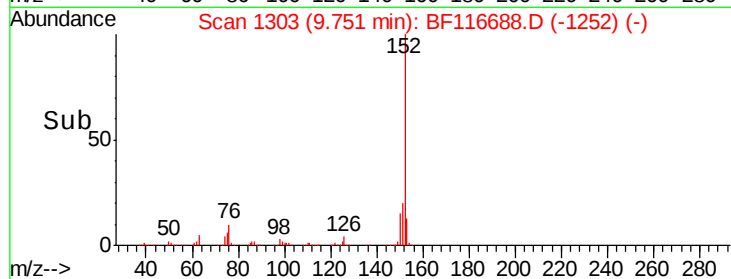
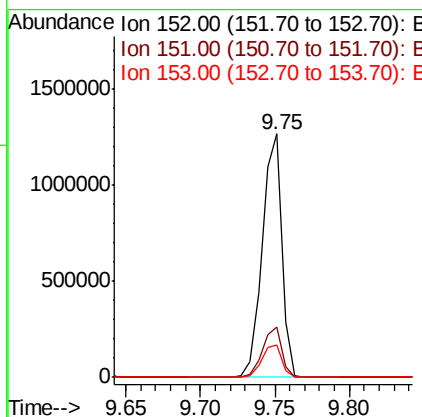
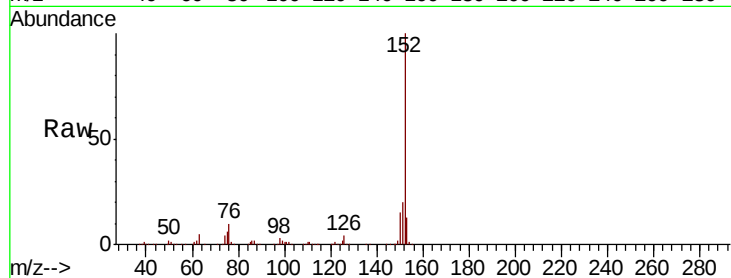
#49
Acenaphthylene
Concen: 40.497 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	13.1	10.9	16.3

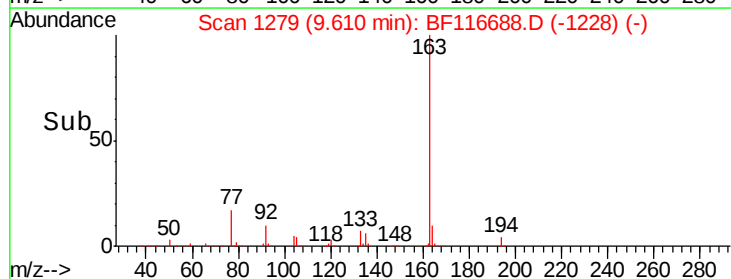
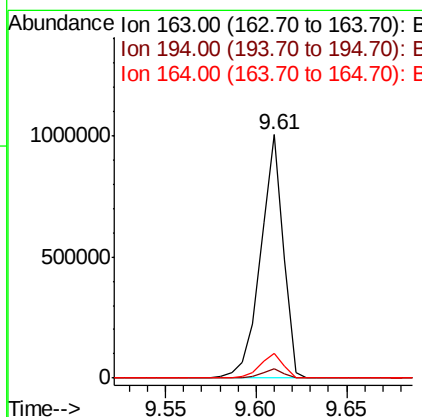
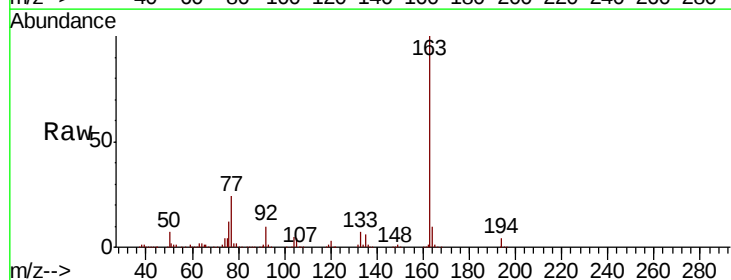
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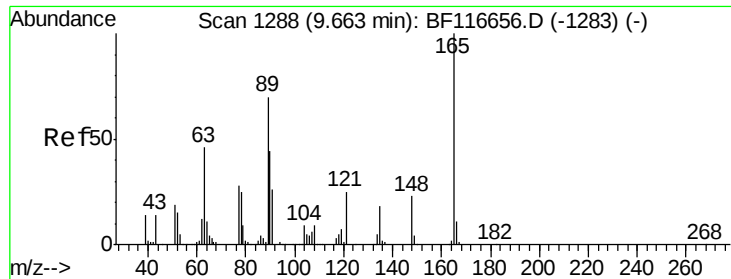
mohammad
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#50
Dimethylphthalate
Concen: 41.056 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.8	4.2
164	10.3	8.6	12.8





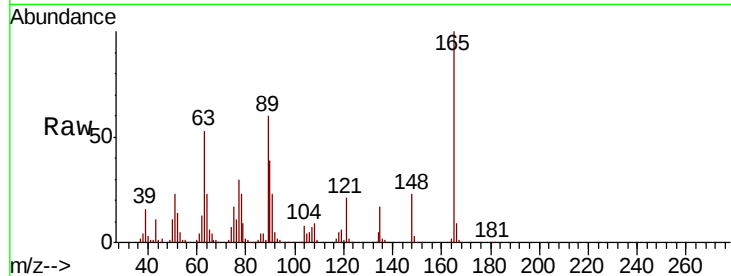
#51
2,6-Dinitrotoluene
Concen: 45.815 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

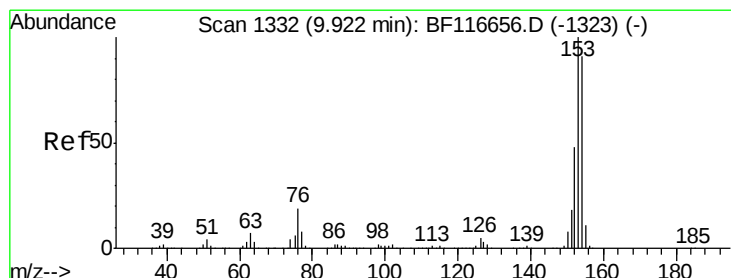
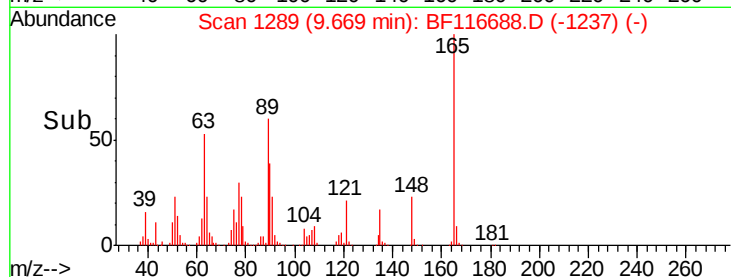
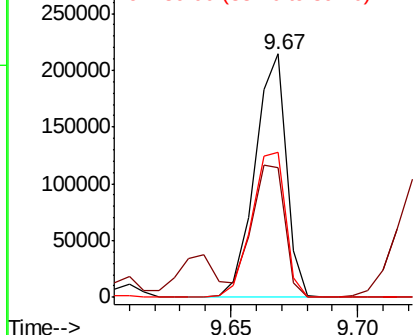
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		185678		
63	53.2	47.3	70.9		
89	59.6	52.5	78.7		

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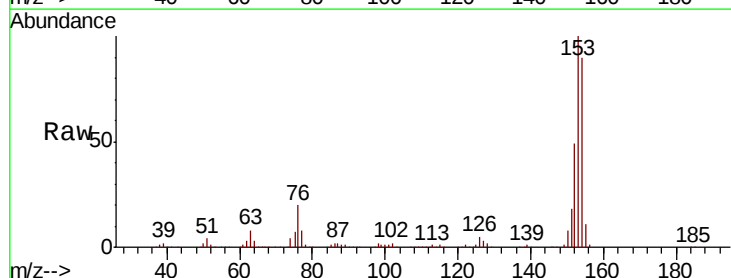


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

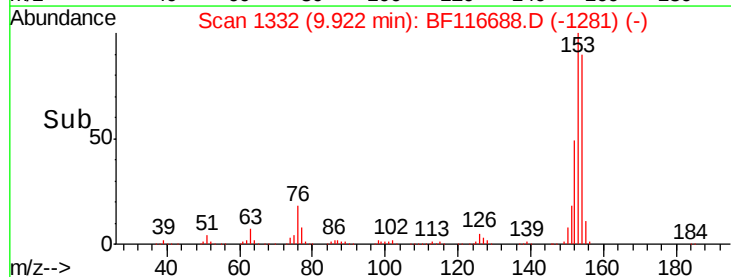
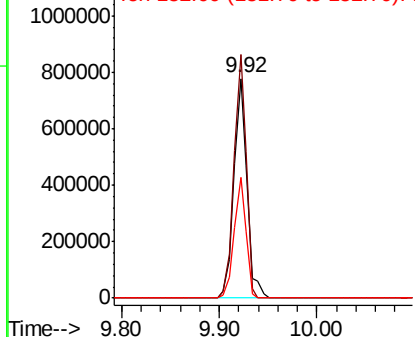


#52
Acenaphthene
Concen: 42.072 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		722590		
153	110.7	89.5	134.3		
152	54.6	41.9	62.9		



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





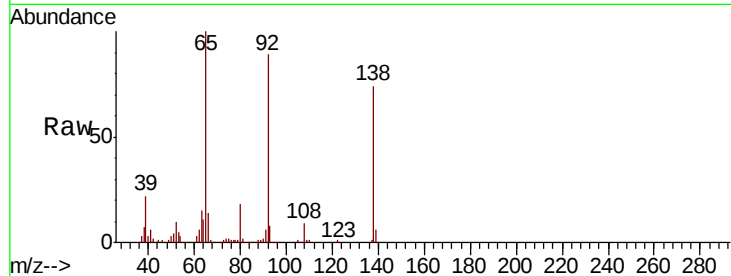
#53
3-Nitroaniline
Concen: 46.292 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	235115		
108	11.6	8.5	12.7	
92	121.3	87.2	130.8	

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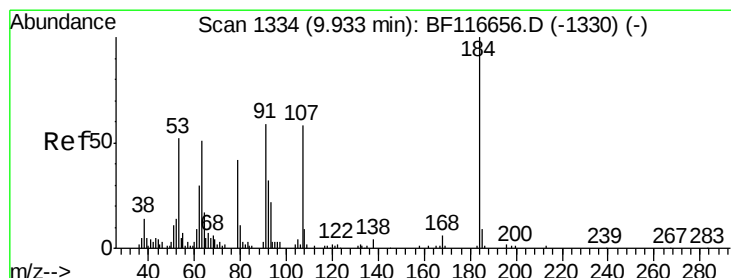
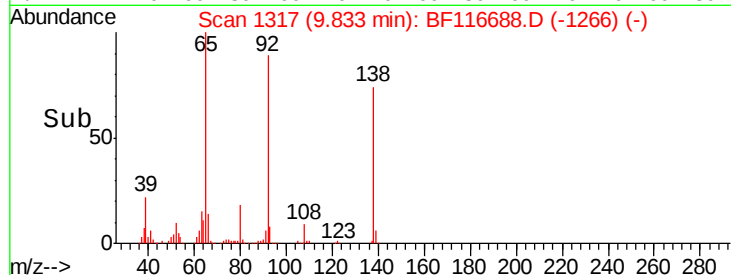
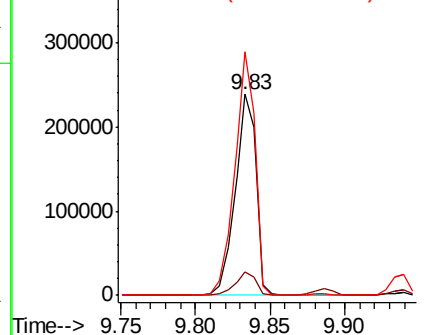


Abundance

Ion 138.00 (137.70 to 138.70): E

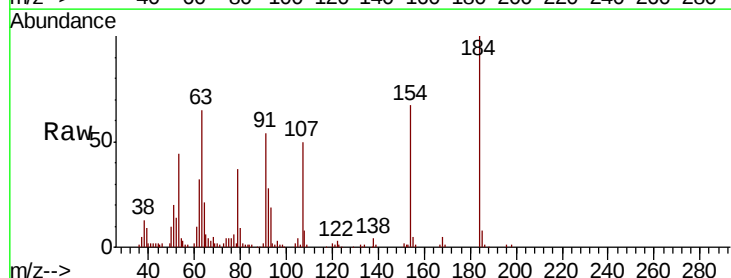
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 52.992 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	71256		
63	65.4	52.2	78.2	
154	66.9	60.8	91.2	

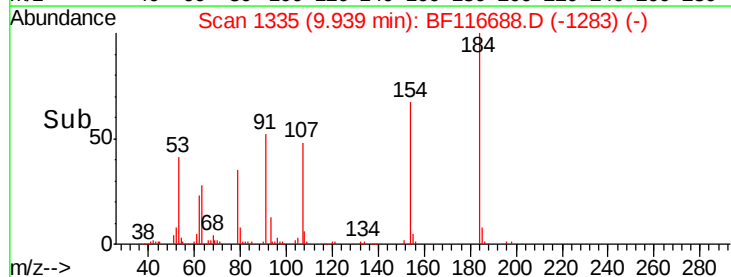
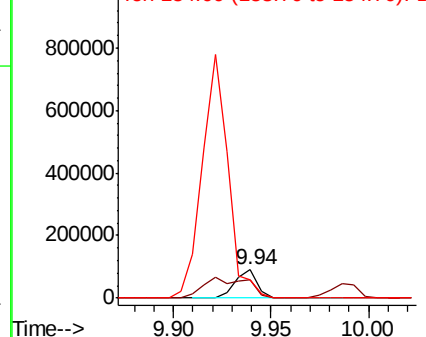


Abundance

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





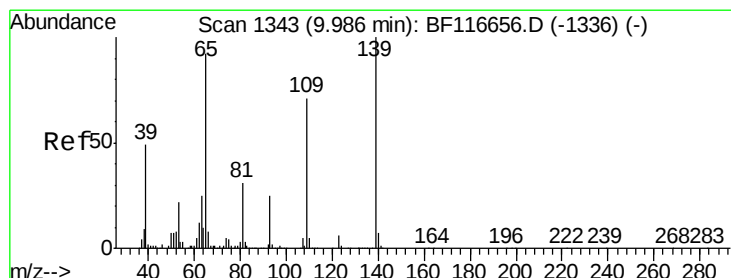
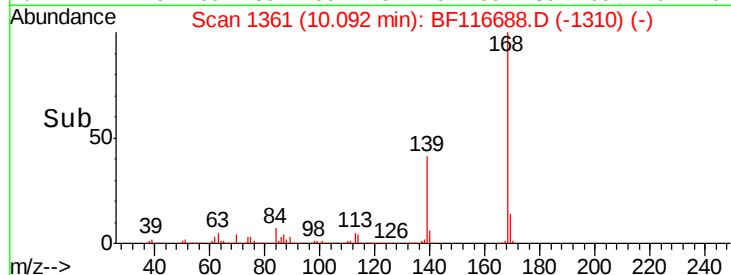
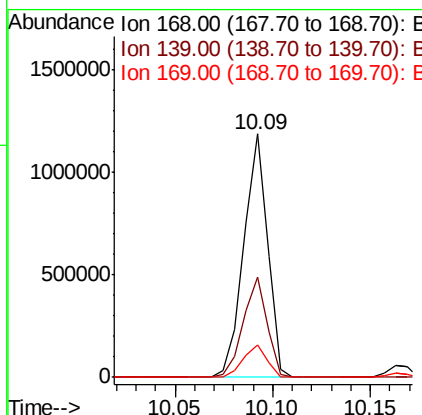
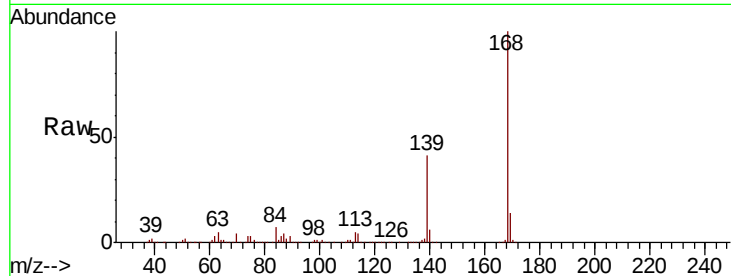
#55
Dibenzofuran
Concen: 41.403 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.5	47.3
169	13.5	10.3	15.5

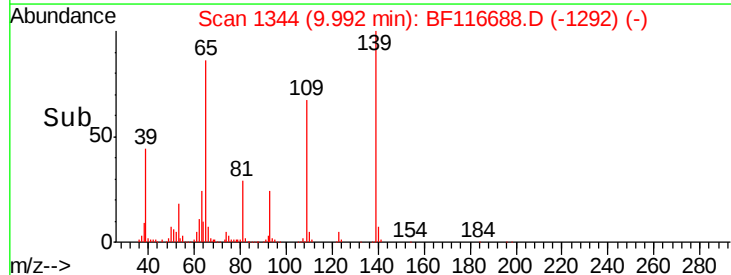
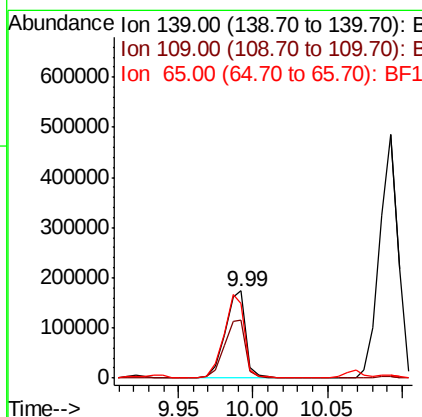
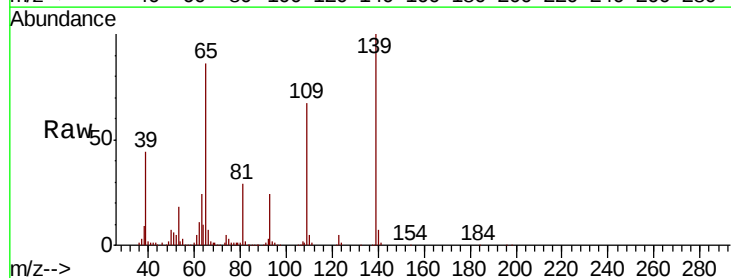
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#56
4-Nitrophenol
Concen: 49.216 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	61.7	101.7
65	86.5	89.1	129.1#





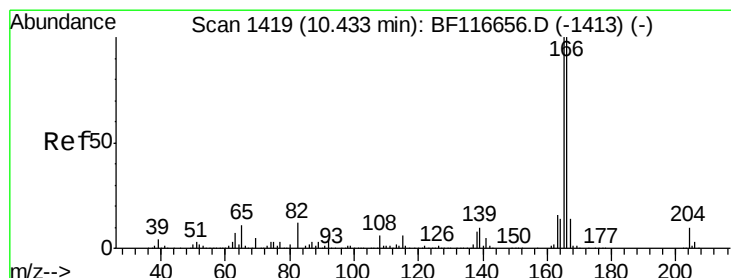
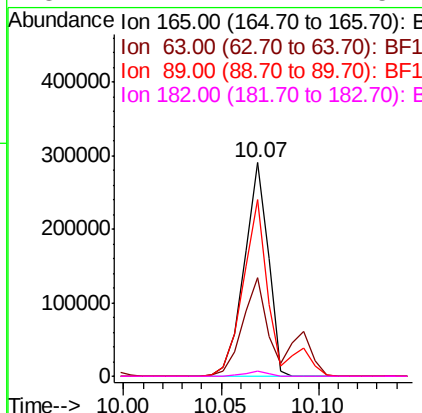
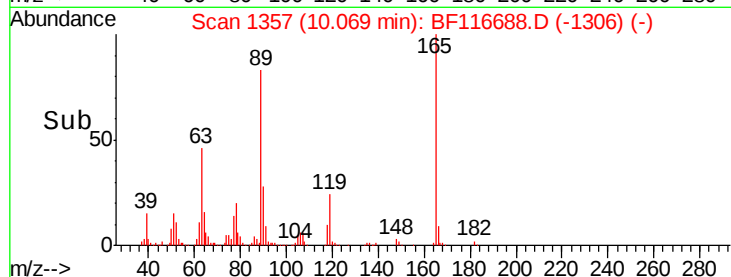
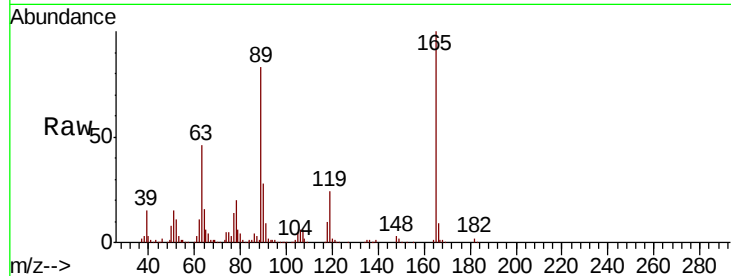
#57
2,4-Dinitrotoluene
Concen: 50.045 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		248002		
63	46.0	36.4	54.6		
89	82.9	62.6	94.0		
182	2.4	2.1	3.1		

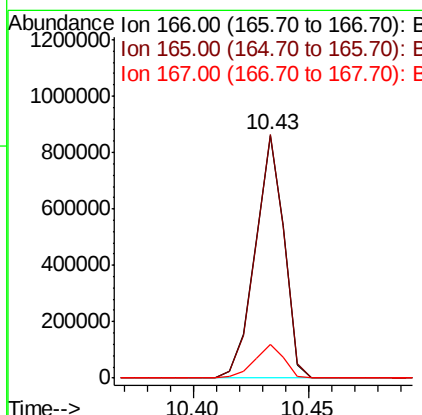
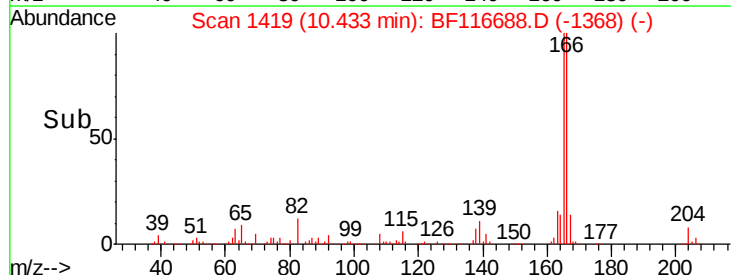
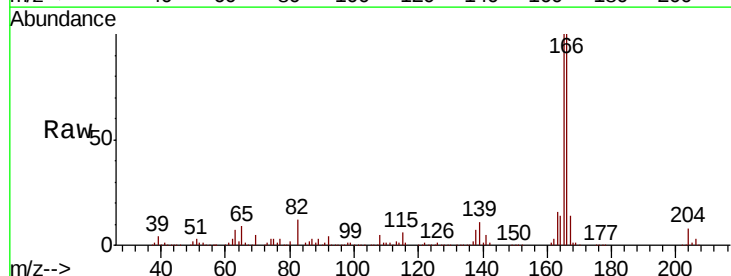
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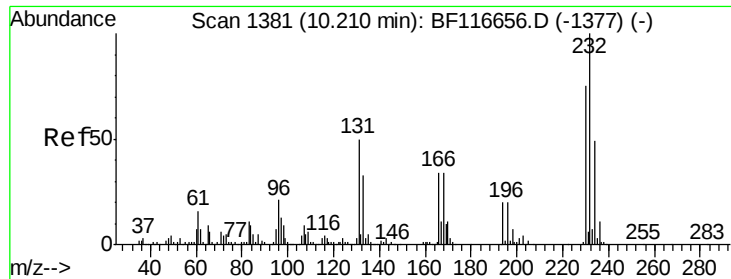
mohammad
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#58
Fluorene
Concen: 40.623 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		749436		
165	100.4	78.8	118.2		
167	13.8	10.0	15.0		





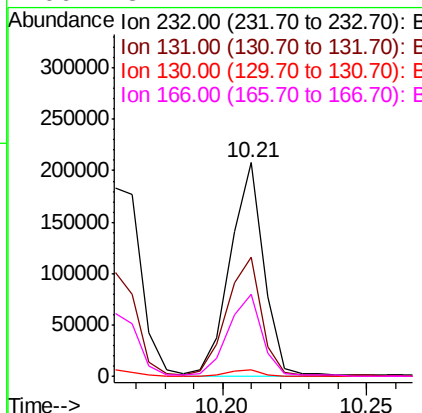
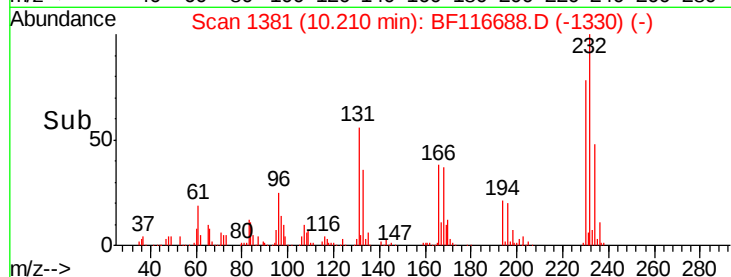
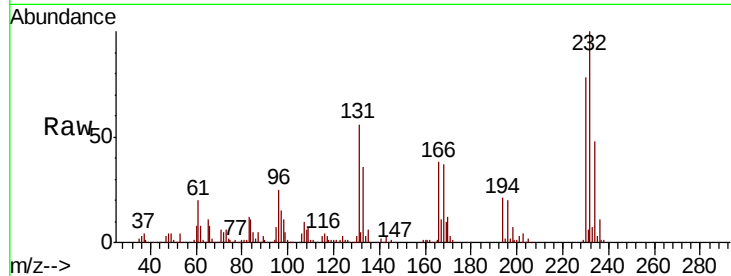
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.193 ng/ml
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.4	42.7	64.1
130	2.8	1.9	2.9
166	31.1	27.4	41.2

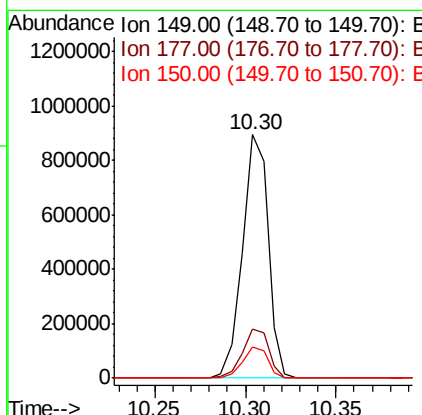
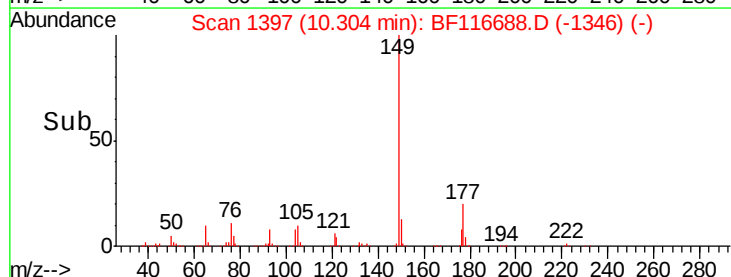
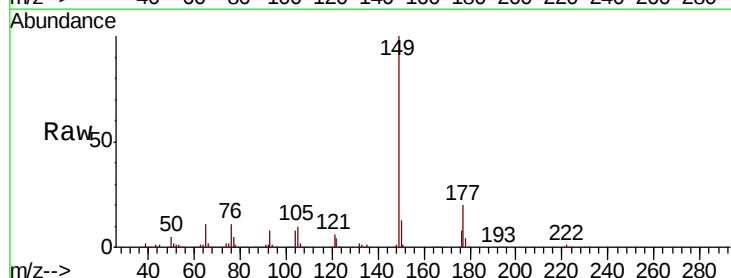
Manual Integrations
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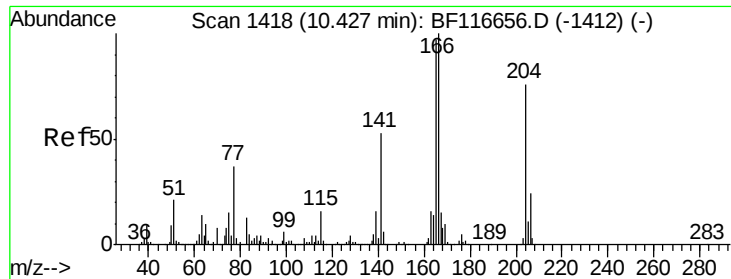
mohammad
9/5/2019 9:23:06 AM



#60
Diethylphthalate
Concen: 41.369 ng/ml
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.3	17.2	25.8
150	12.7	9.7	14.5





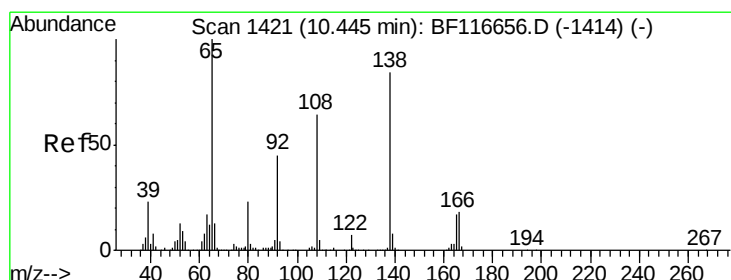
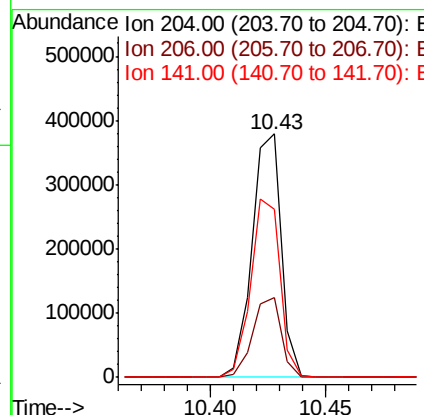
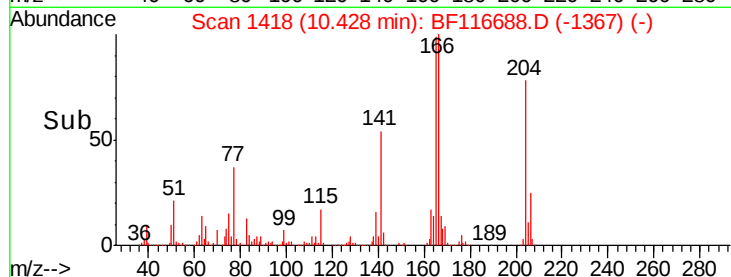
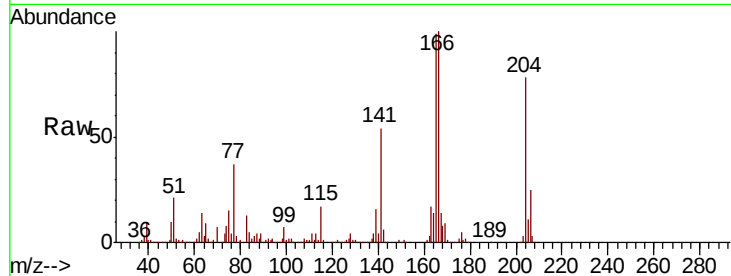
#61
4-Chlorophenyl-phenylether
Concen: 41.555 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
204	100	335705		
206	32.7	25.4	38.2	
141	69.2	53.8	80.8	

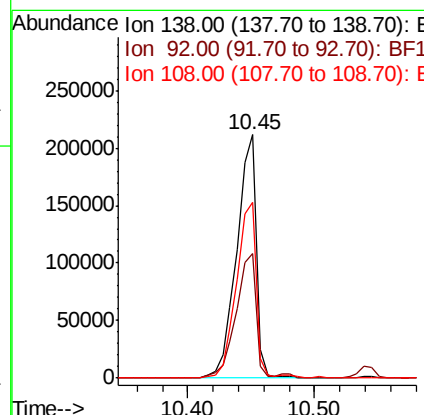
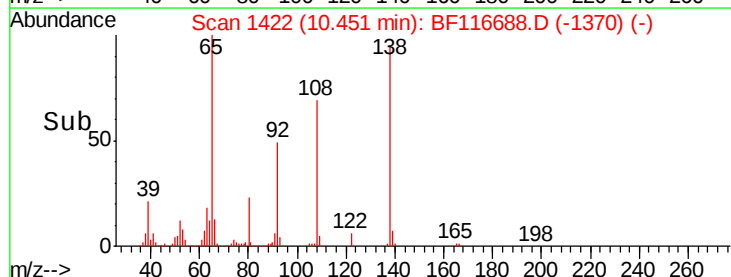
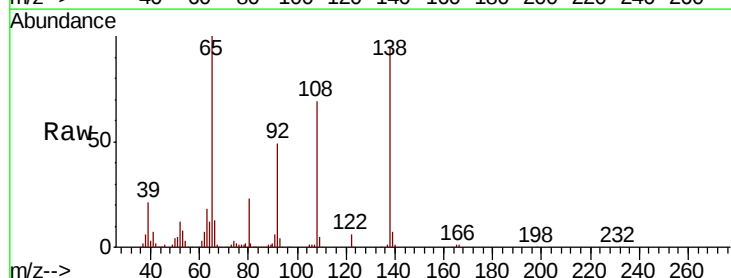
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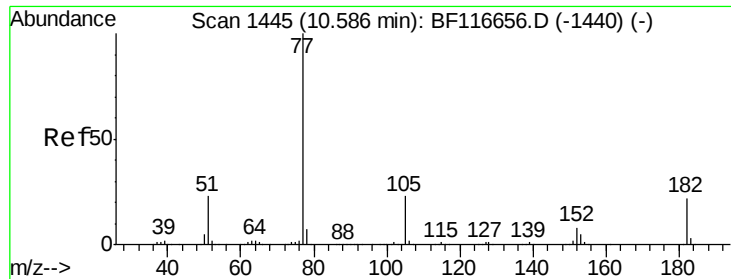
mohammad
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#62
4-Nitroaniline
Concen: 45.442 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	223980		
92	51.2	28.7	68.7	
108	72.4	60.4	100.4	





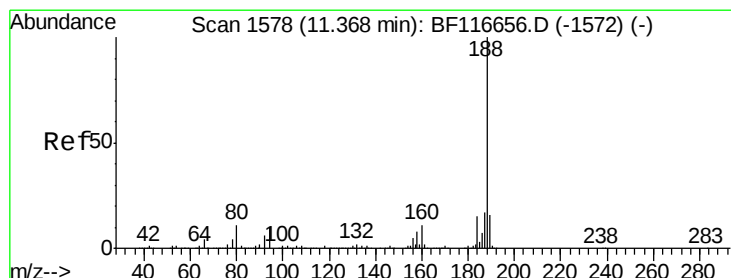
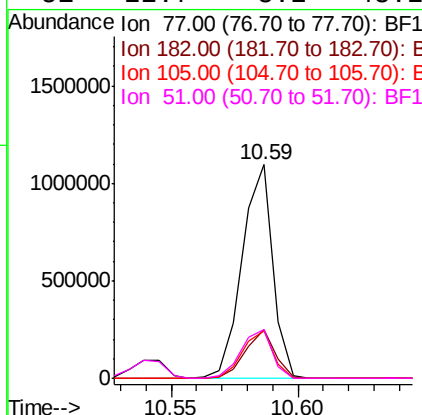
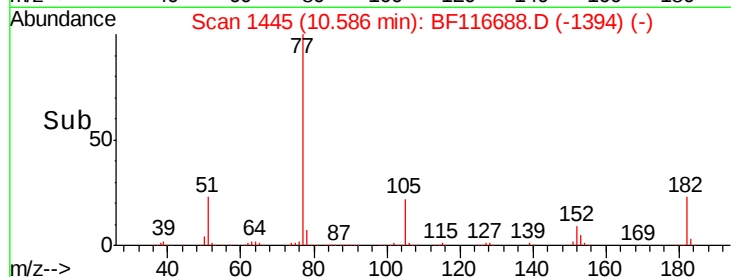
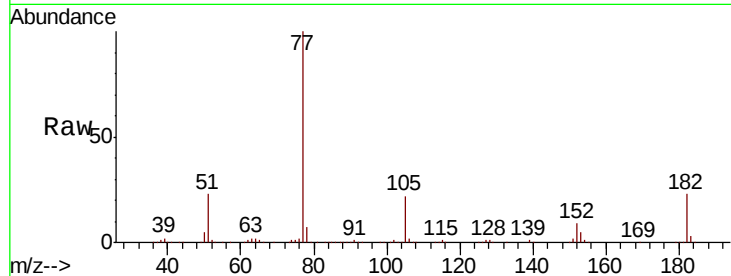
#63
Azobenzene
Concen: 41.212 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.6	1.2	41.2		
105	22.4	0.6	40.6		
51	22.7	8.2	48.2		

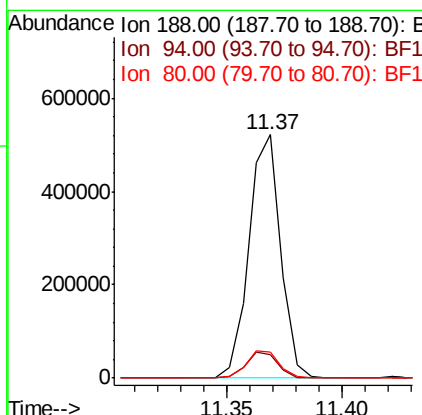
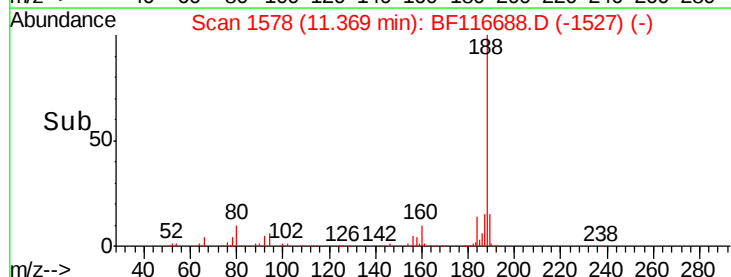
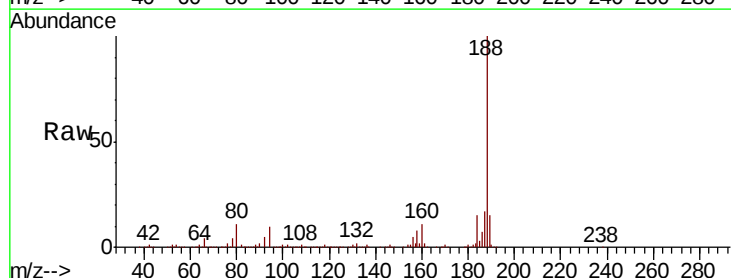
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.8	7.3	10.9		
80	10.9	8.4	12.6		





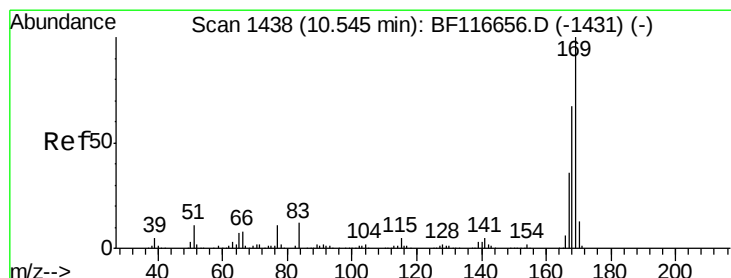
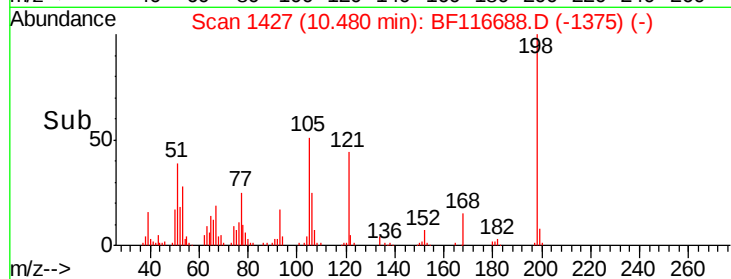
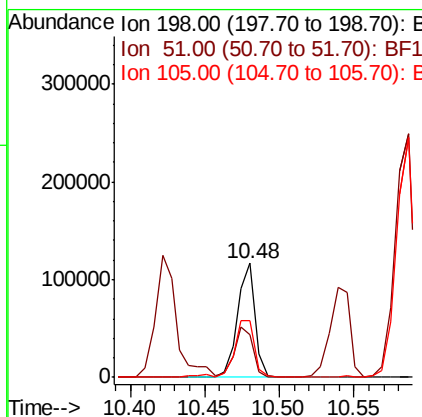
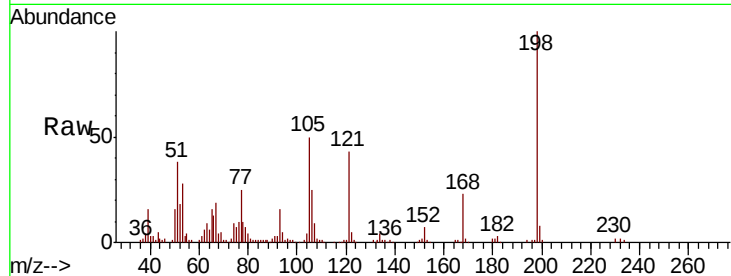
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.867 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	96492		
51	37.7		18.4	58.4
105	50.2		22.9	62.9

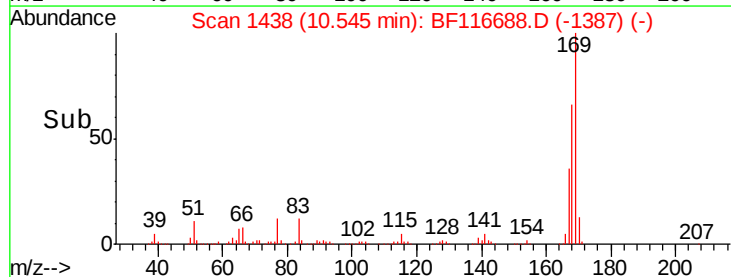
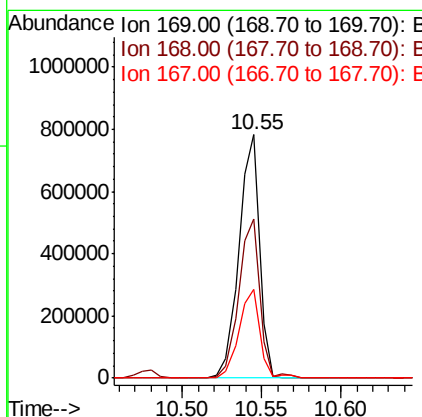
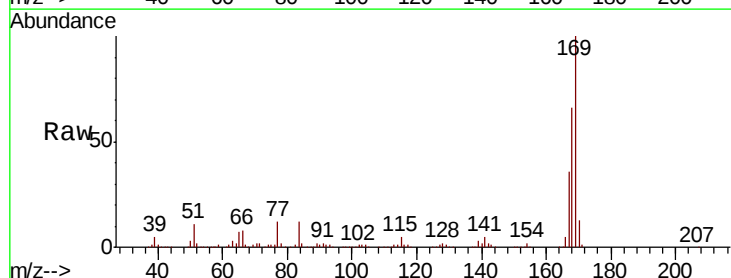
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#66
 n-Nitrosodiphenylamine
 Concen: 40.651 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	700743		
168	65.5		55.8	83.6
167	36.3		29.4	44.2





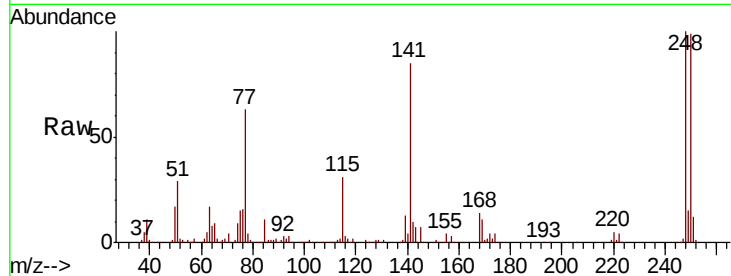
#67
4-Bromophenyl-phenylether
Concen: 40.140 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.8	116.8
141	85.2	75.9	113.9

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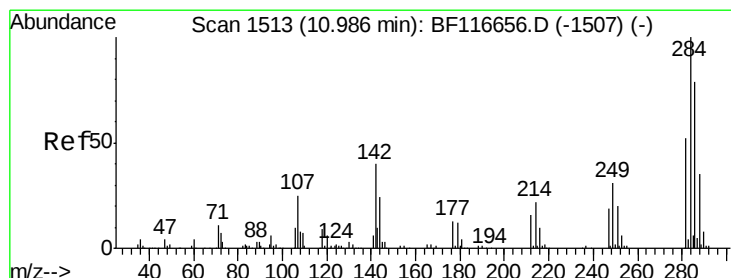
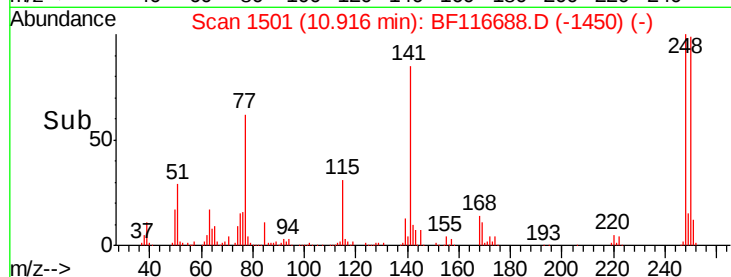
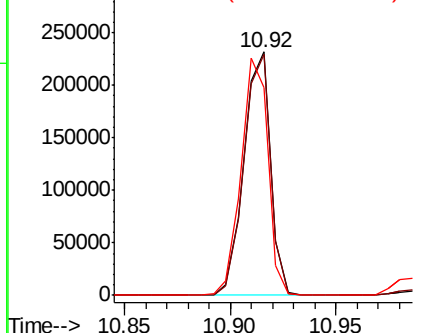


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.875 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

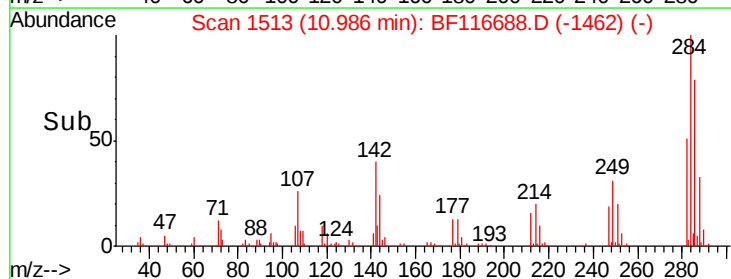
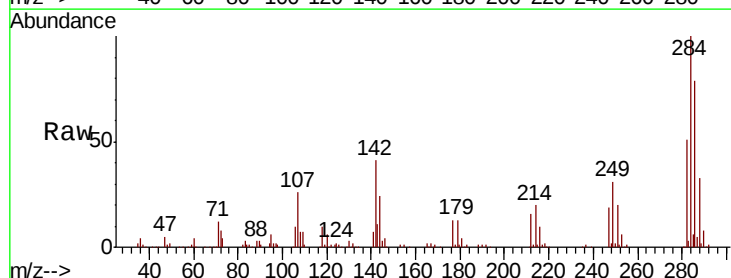
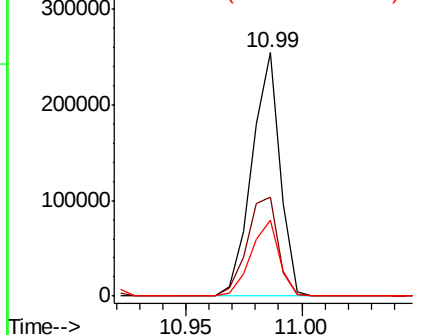
Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.6	34.0	51.0
249	31.3	26.4	39.6

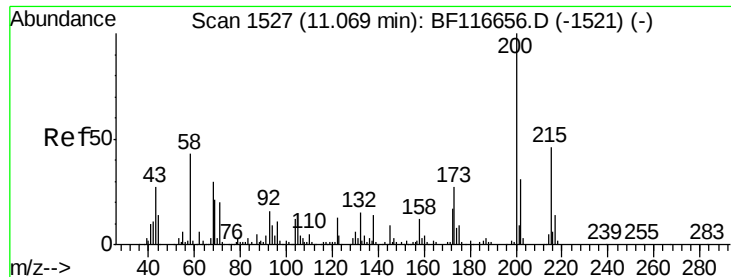
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





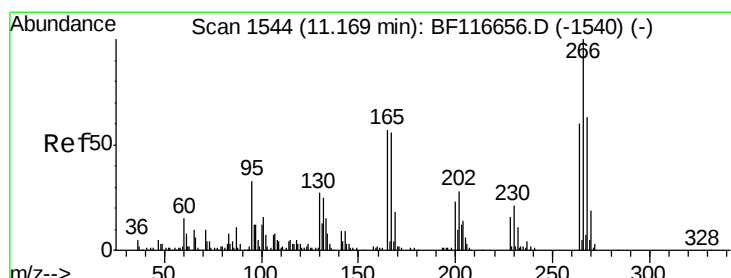
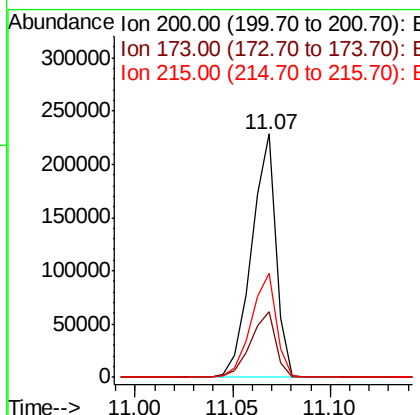
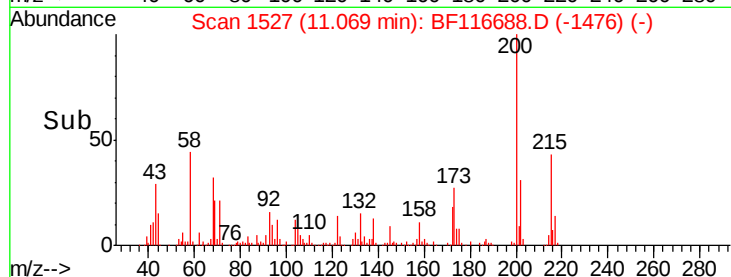
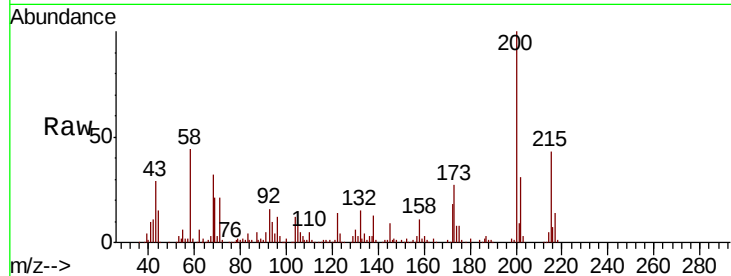
#69
Atrazine
Concen: 41.053 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	6.2	46.2
215	43.0	24.3	64.3

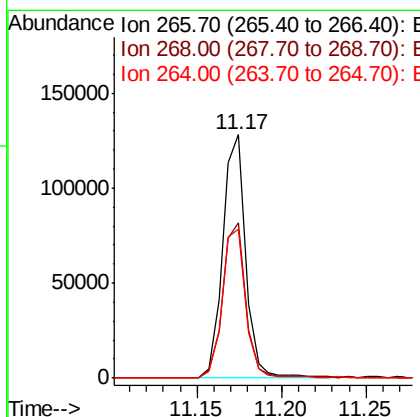
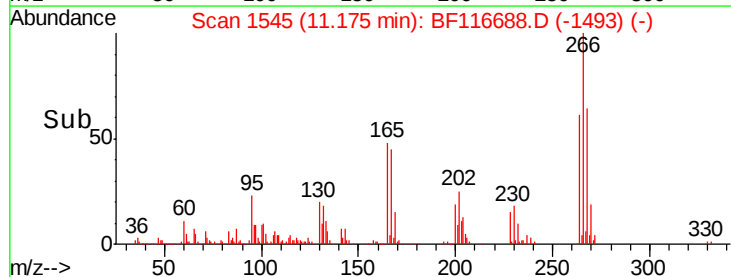
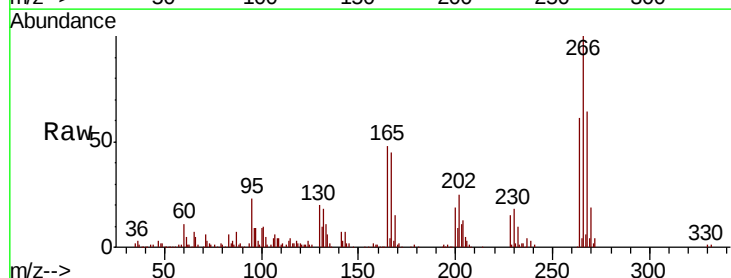
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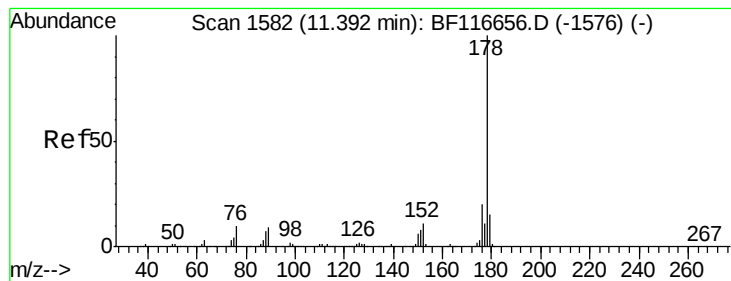
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#70
Pentachlorophenol
Concen: 47.499 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.8	51.2	76.8
264	61.3	51.9	77.9





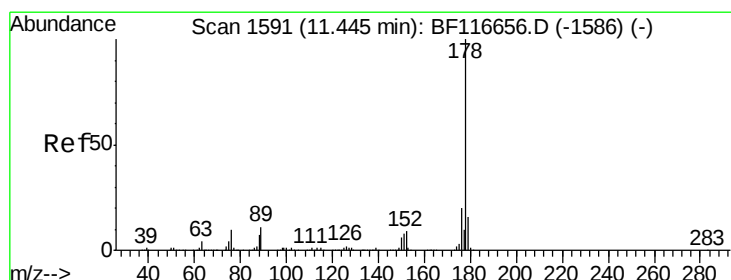
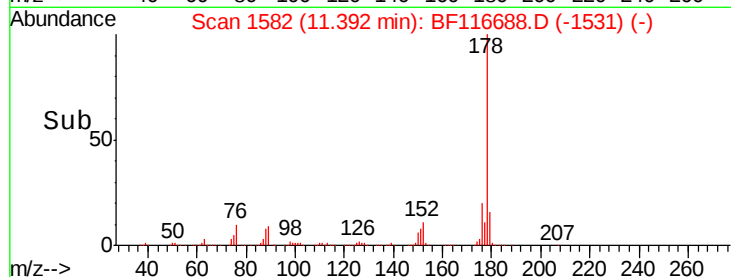
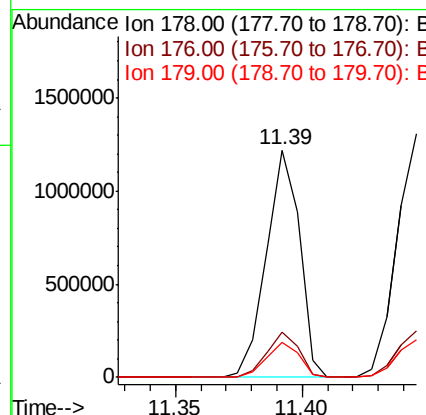
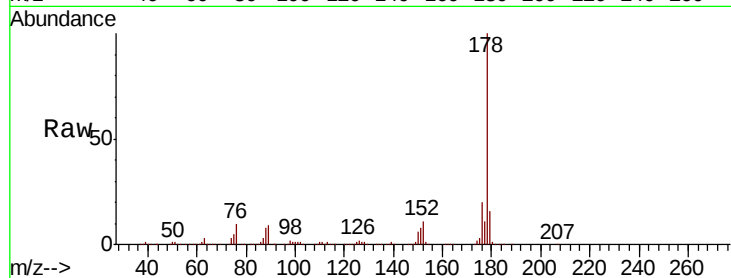
#71
Phenanthrene
Concen: 40.138 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.5	12.2	18.2

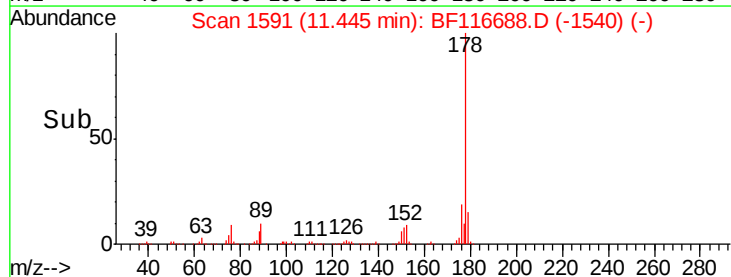
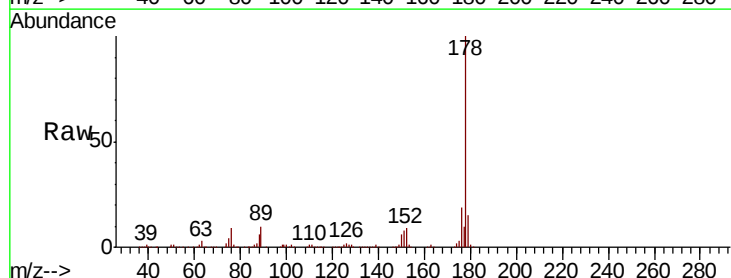
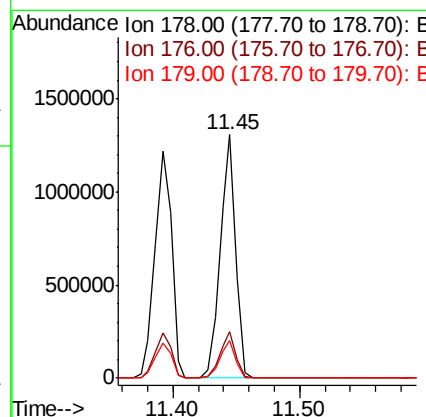
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#72
Anthracene
Concen: 40.255 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.3	12.5	18.7





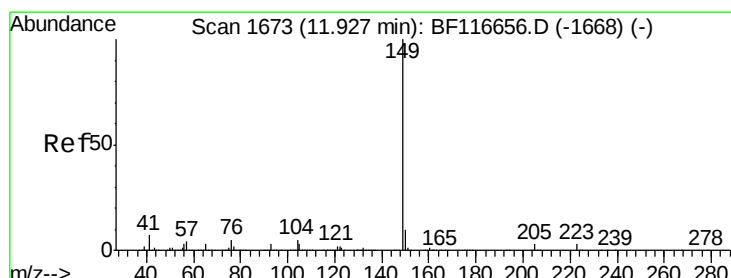
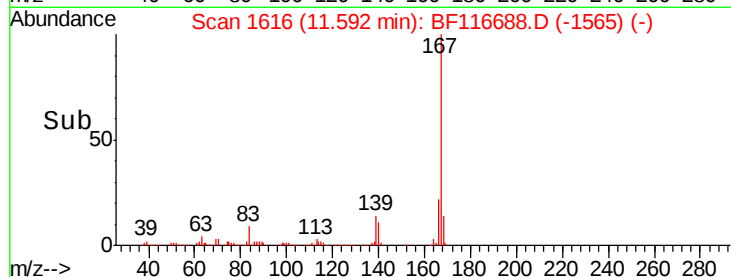
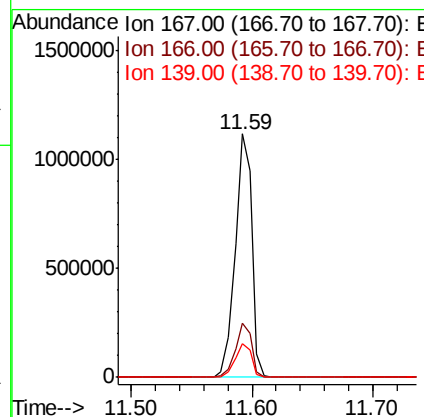
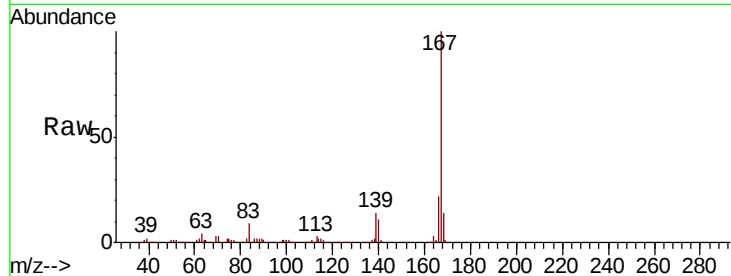
#73
 Carbazole
 Concen: 40.052 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167	Resp: 1065311
Ion Ratio	Lower Upper
167 100	
166 22.1	17.8 26.6
139 14.0	11.1 16.7

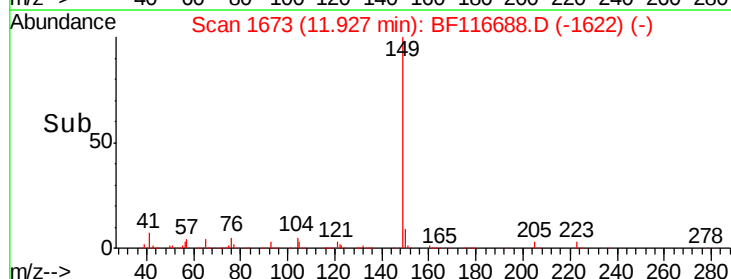
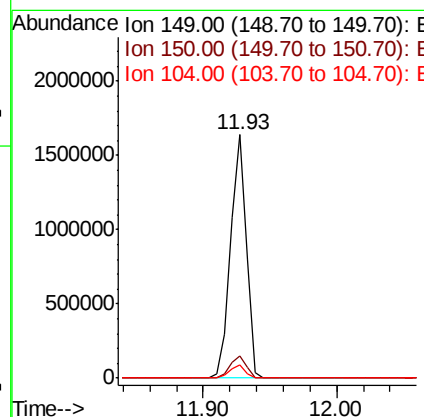
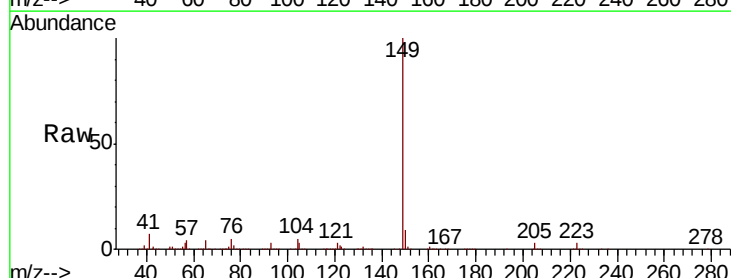
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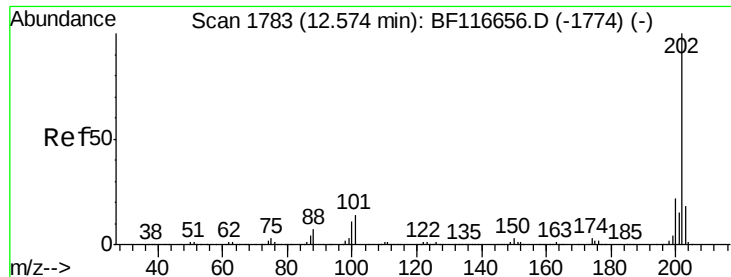
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#74
 Di-n-butylphthalate
 Concen: 40.269 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116688.D
 Acq: 31 Aug 2019 10:09

Tgt Ion:149	Resp: 1373111
Ion Ratio	Lower Upper
149 100	
150 9.3	7.2 10.8
104 5.3	4.2 6.2





#75

Fluoranthene

Concen: 39.984 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

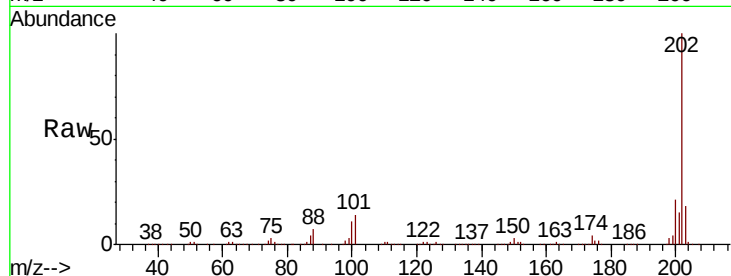
ClientSampleId :

SSTDCCC040

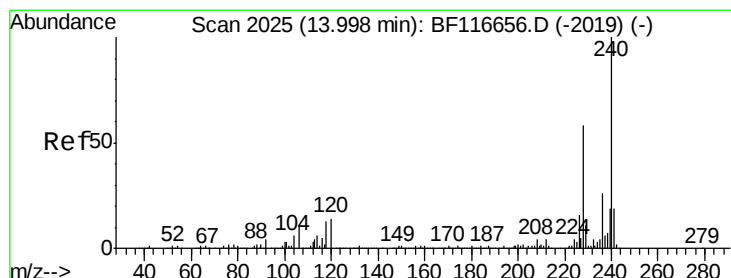
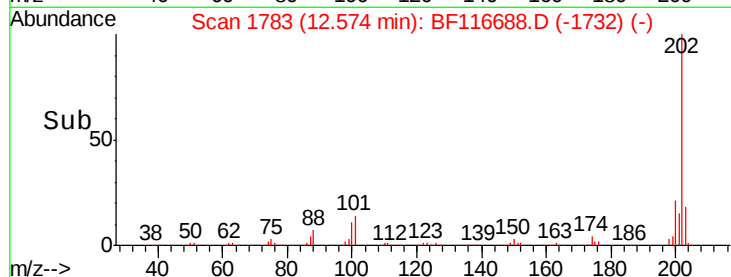
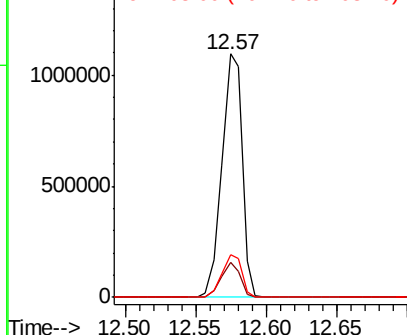
Tot Ion:	202	Resp:	1089984
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	31.3
203	17.5	0.0	37.6

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



#76

Chrysene-d12

Concen: 20.000 ng

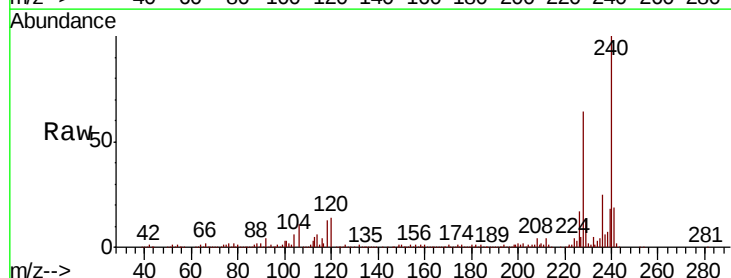
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

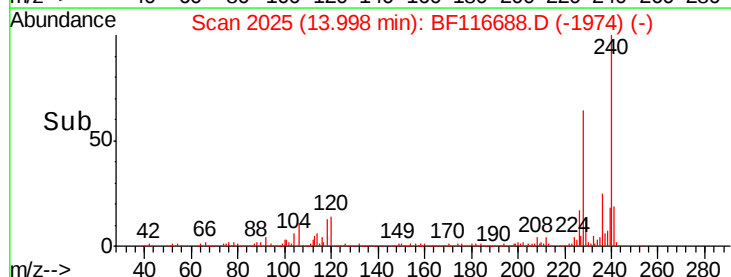
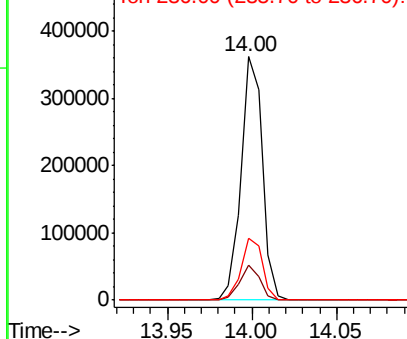
Lab File: BF116688.D

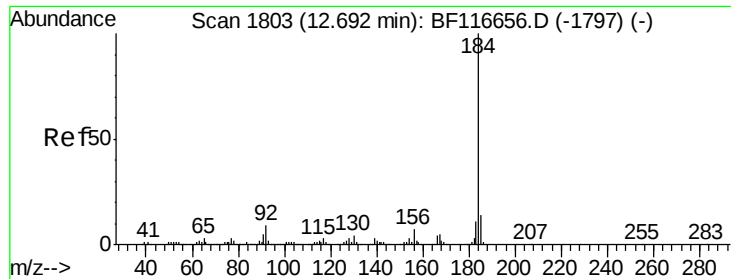
Acq: 31 Aug 2019 10:09

Tgt Ion:	240	Resp:	318179
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.1	13.7#
236	25.2	21.1	31.7



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





#77

Benzidine

Concen: 38.350 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 478600

Ion Ratio Lower Upper

184 100

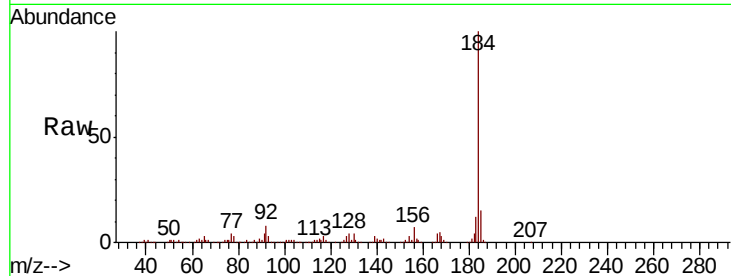
185 14.7 11.3 16.9

183 12.3 9.2 13.8

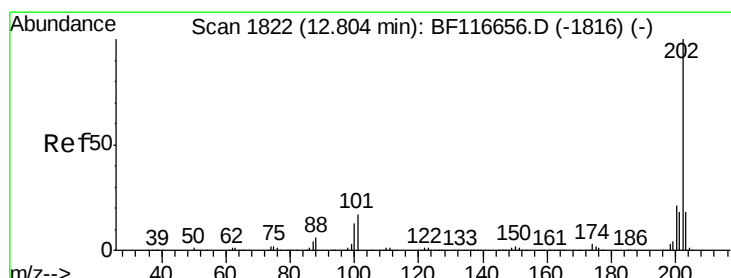
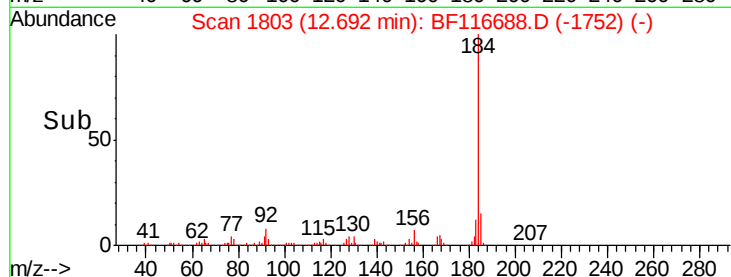
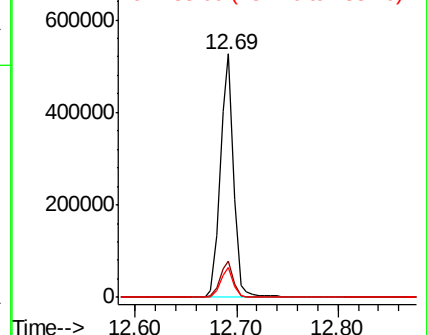
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.990 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

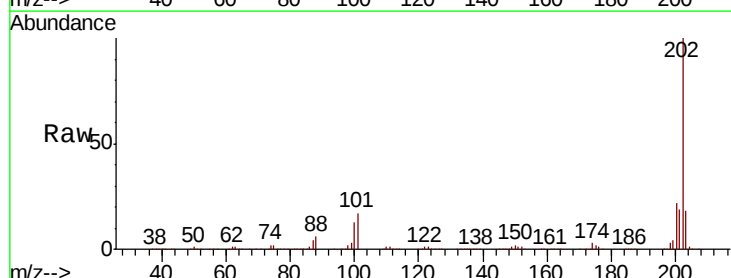
Tgt Ion:202 Resp: 1102803

Ion Ratio Lower Upper

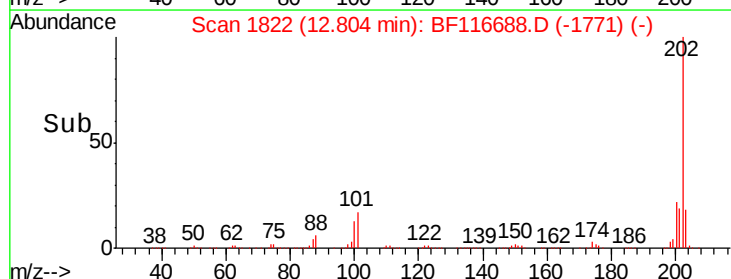
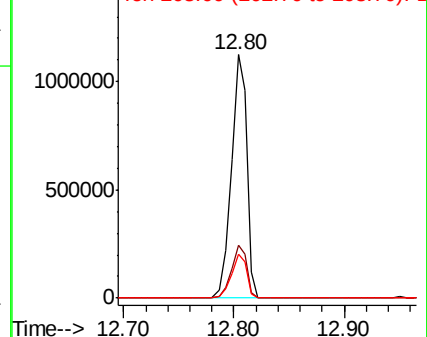
202 100

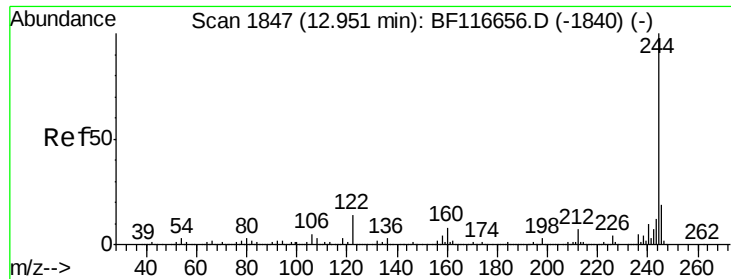
200 21.8 16.5 24.7

203 17.8 13.7 20.5



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





#79

Terphenyl-d14

Concen: 78.350 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1347581

Ion Ratio Lower Upper

244 100

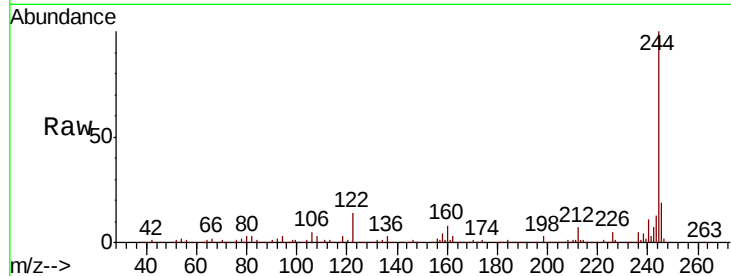
212 7.4 6.1 9.1

122 14.0 10.2 15.4

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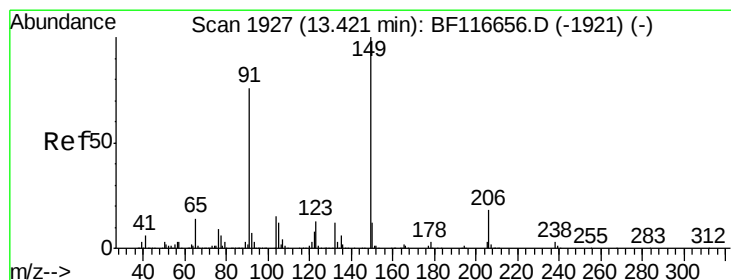
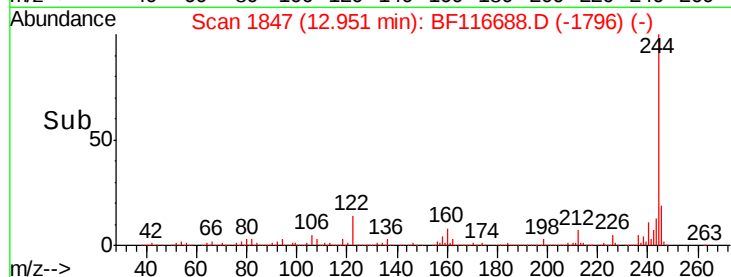
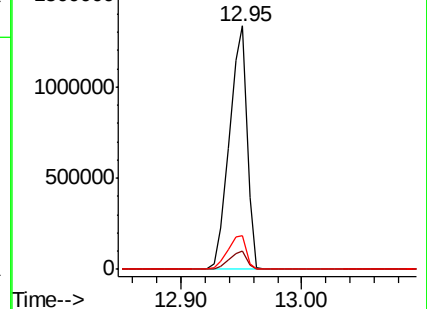
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.971 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

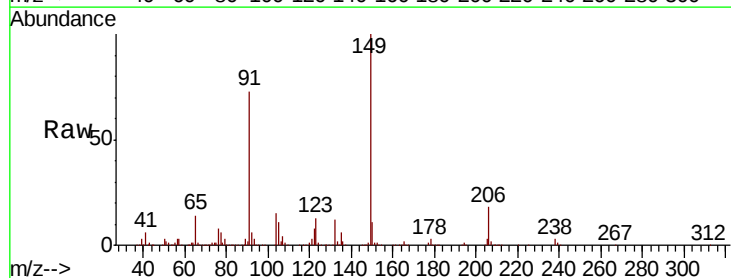
Tgt Ion:149 Resp: 563538

Ion Ratio Lower Upper

149 100

91 73.5 61.0 91.4

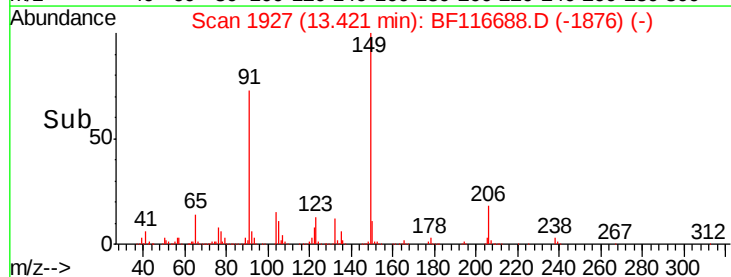
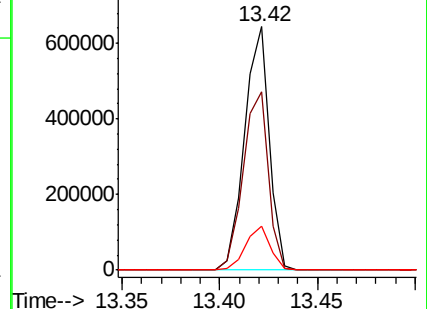
206 18.1 14.8 22.2

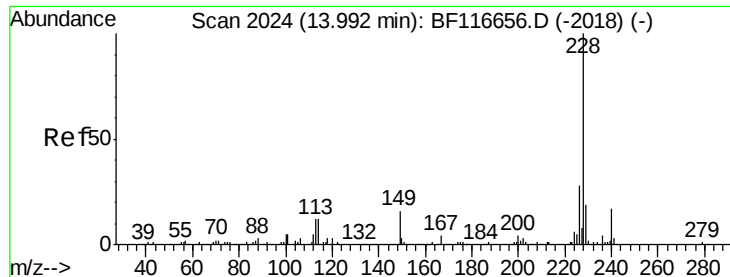


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





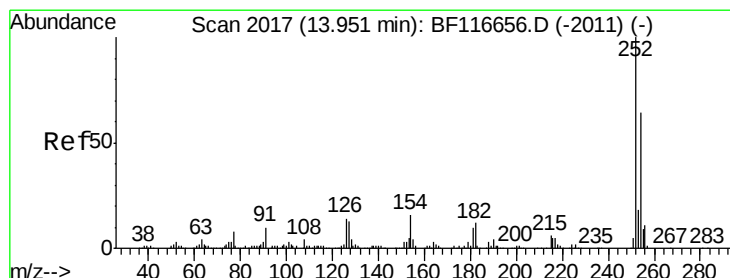
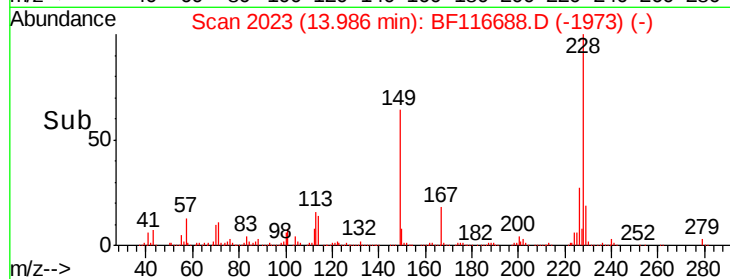
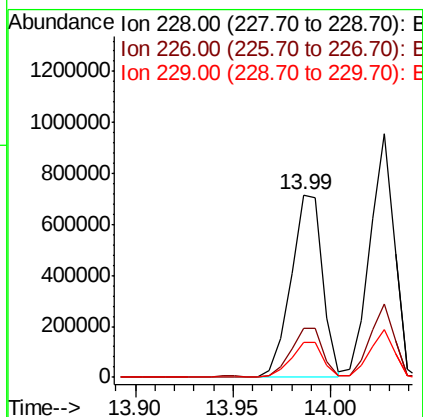
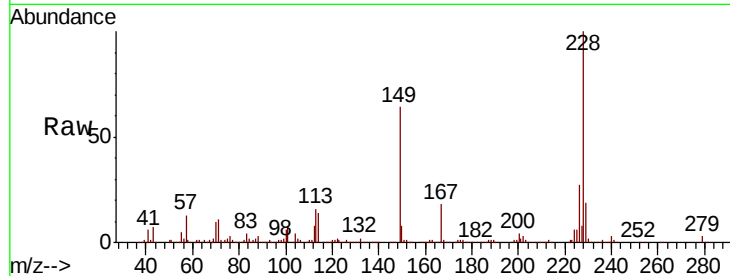
#81
Benzo(a)anthracene
Concen: 39.813 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.0	33.0
229	19.3	16.4	24.6

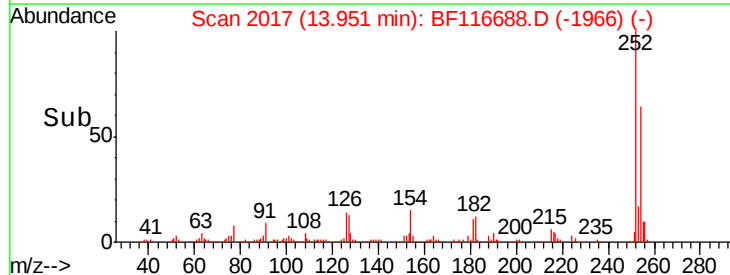
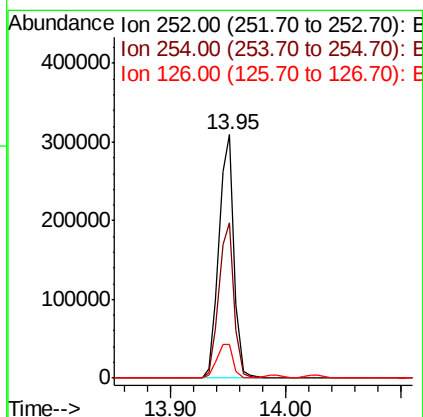
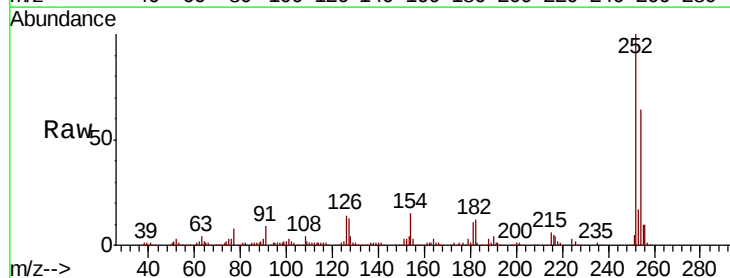
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#82
3,3'-Dichlorobenzidine
Concen: 41.209 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.1	75.1
126	13.7	10.6	16.0





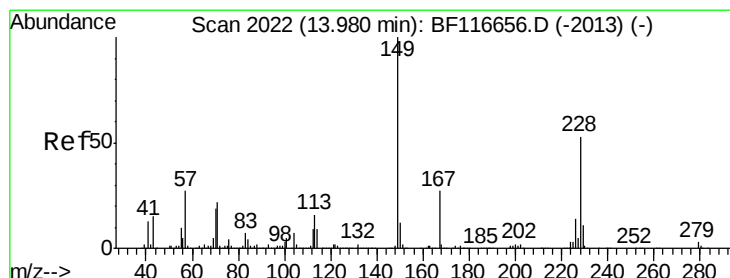
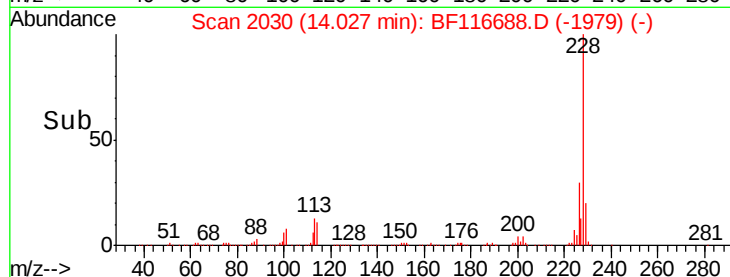
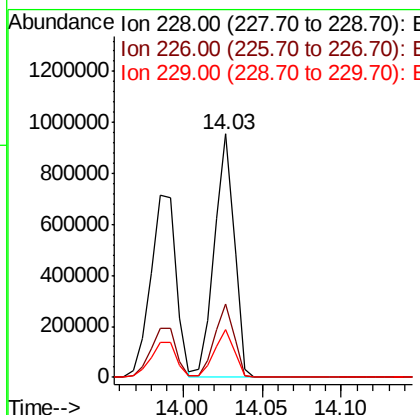
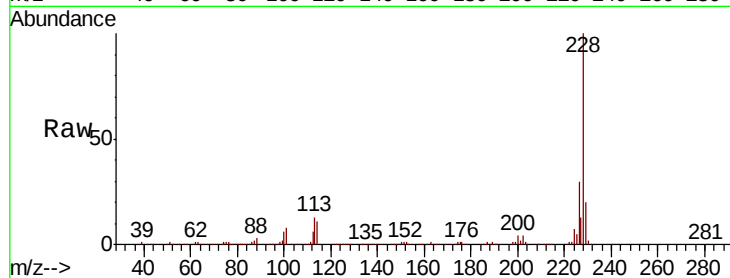
#83
Chrysene
Concen: 40.073 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		831368		
226	30.4	24.0	36.0		
229	19.8	15.4	23.0		

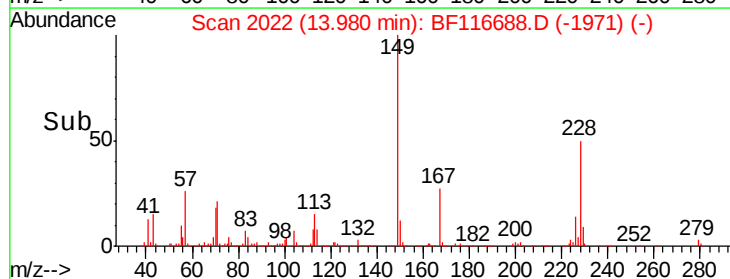
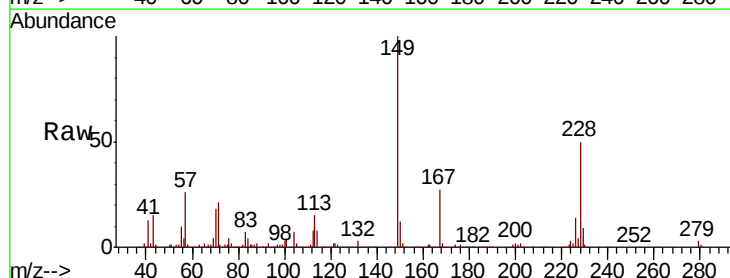
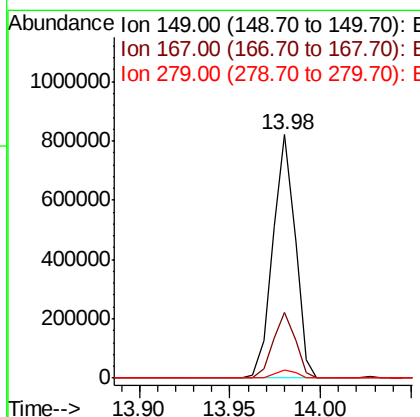
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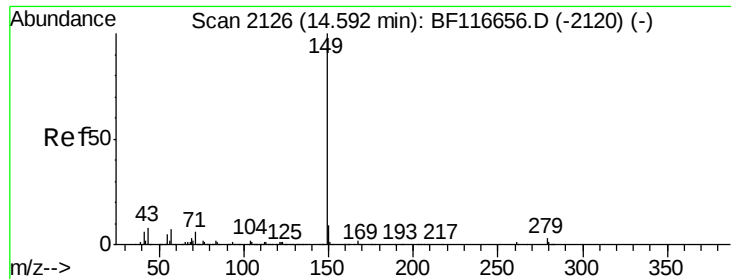
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.649 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		707153		
167	27.1	21.0	31.4		
279	3.1	2.8	4.2		





#85

Di-n-octyl phthalate

Concen: 41.749 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1160005

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

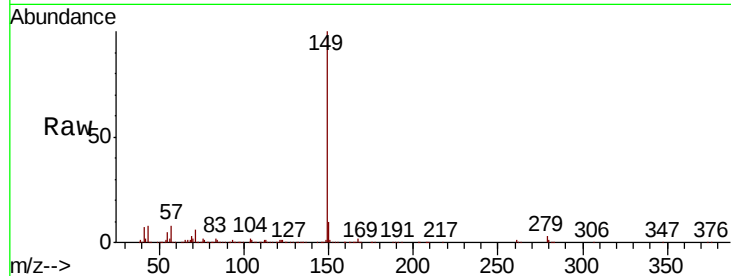
43 8.8 7.8 11.8

Manual Integrations

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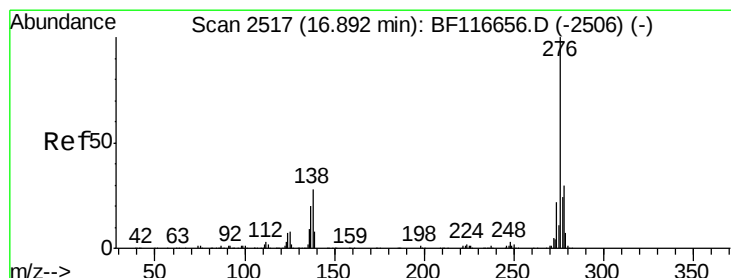
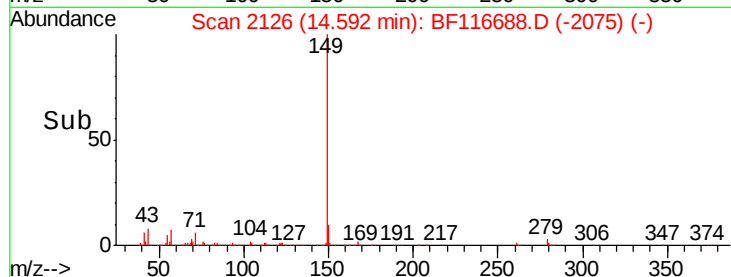
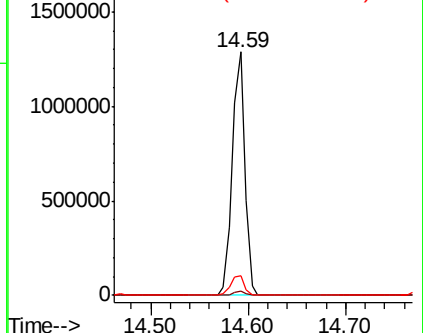
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.239 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

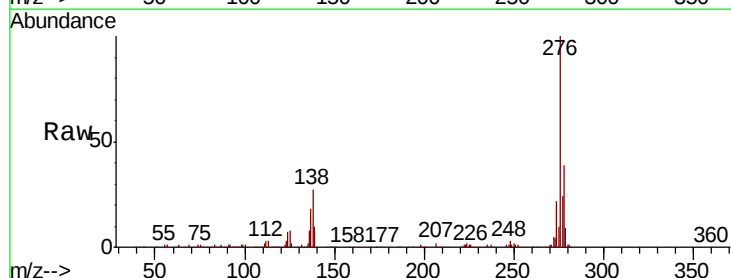
Tgt Ion:276 Resp: 603886

Ion Ratio Lower Upper

276 100

138 30.4 19.4 29.2#

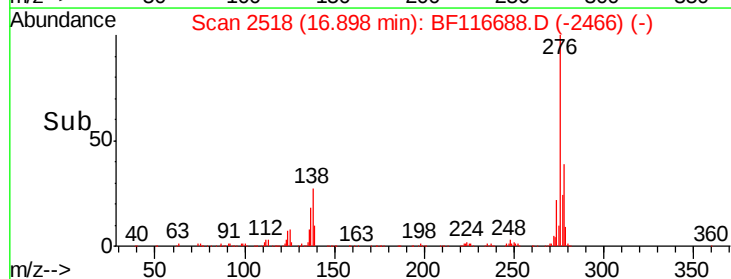
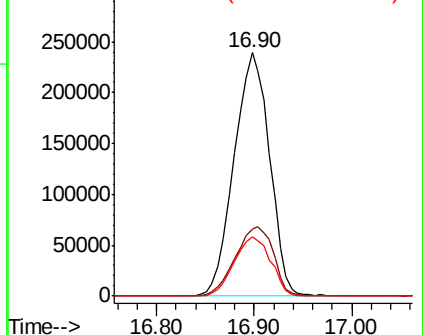
277 25.2 20.5 30.7

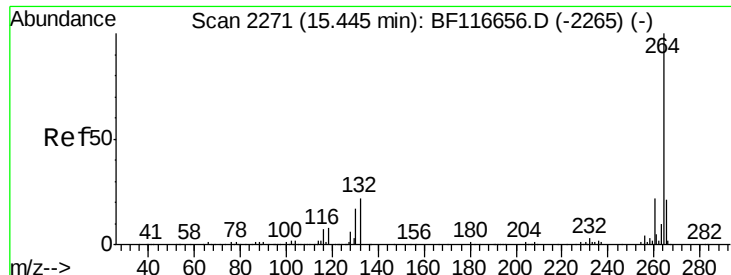


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Instrument :

BNA_F

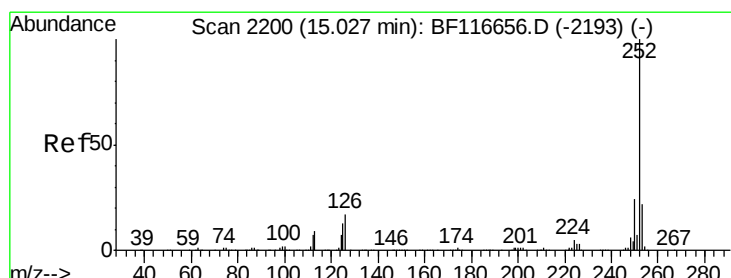
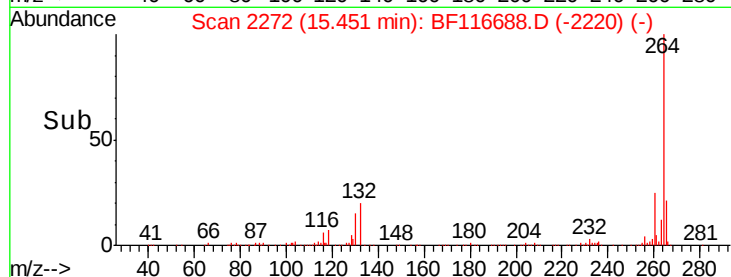
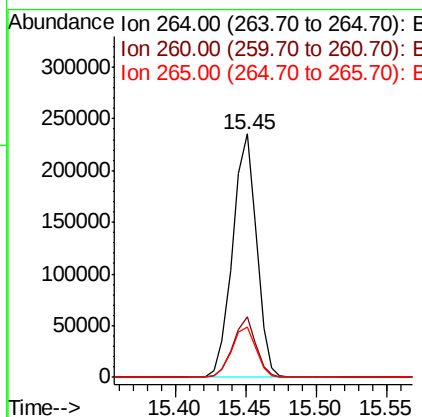
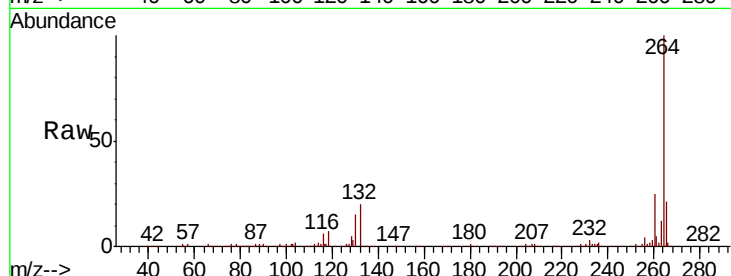
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.3	27.5
265	20.8	16.5	24.7

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#88

Benzo(b)fluoranthene

Concen: 41.396 ng m

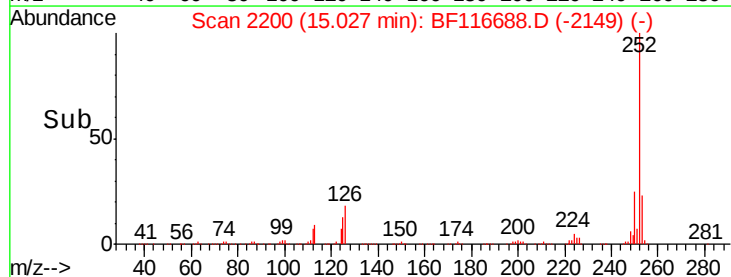
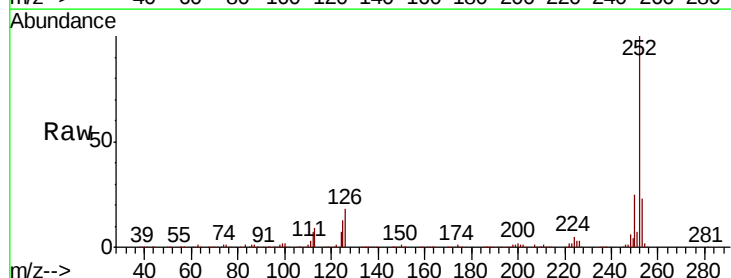
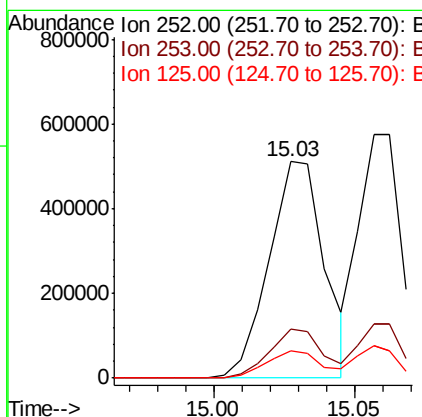
RT: 15.03 min Scan# 2200

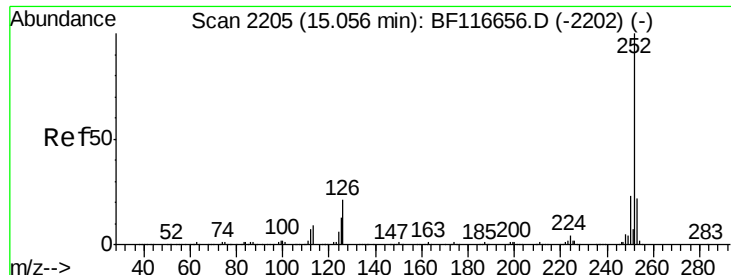
Delta R.T. 0.00 min

Lab File: BF116688.D

Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.9	8.2	12.2#





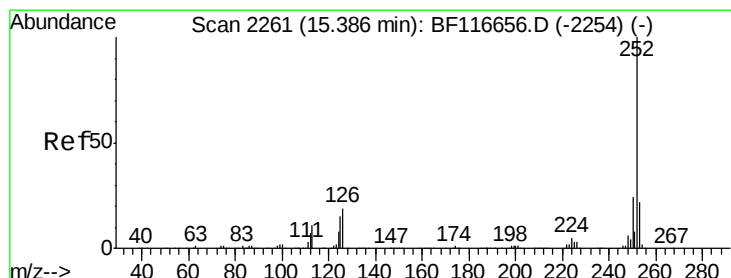
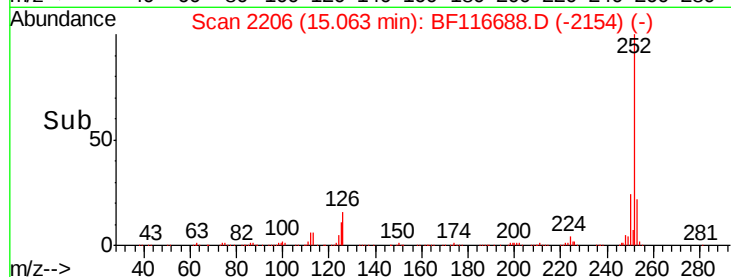
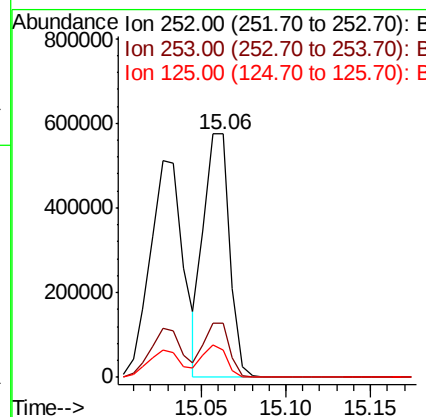
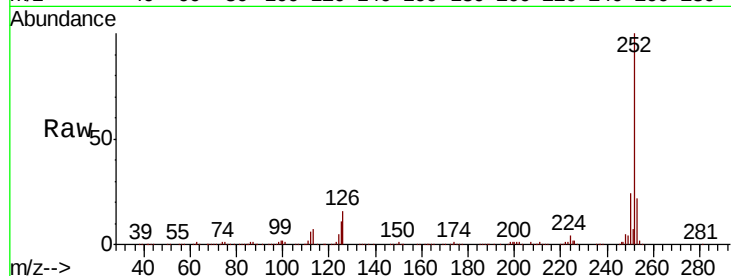
#89
Benzo(k)fluoranthene
Concen: 39.970 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.3	8.6	13.0

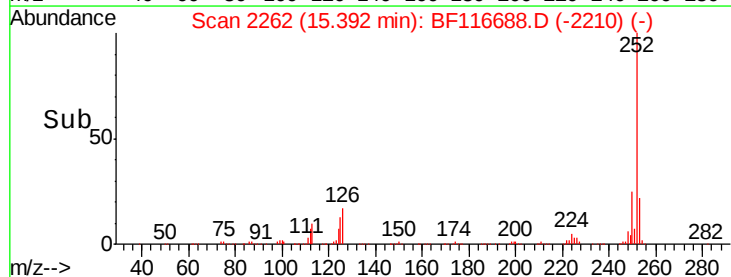
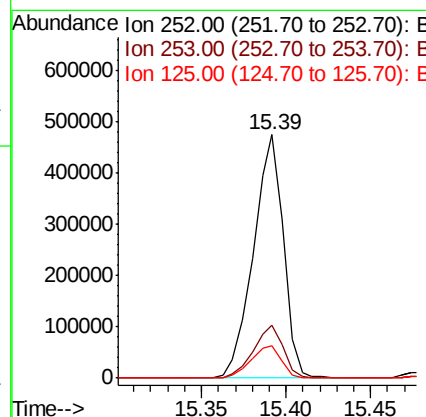
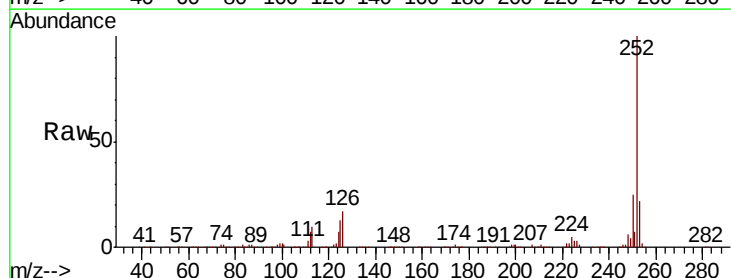
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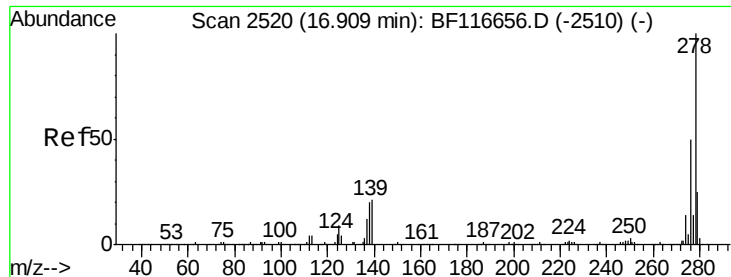
mohammad
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#90
Benzo(a)pyrene
Concen: 40.059 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	13.3	9.8	14.8





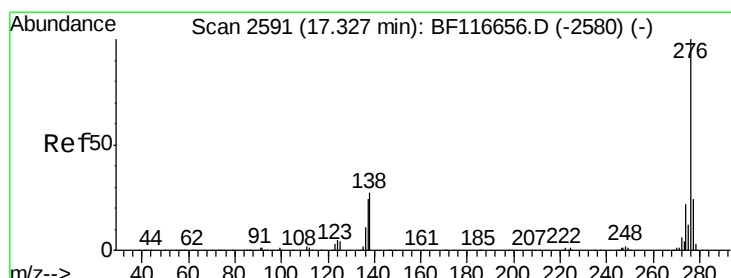
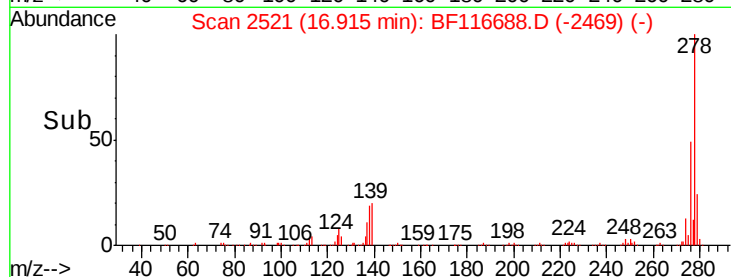
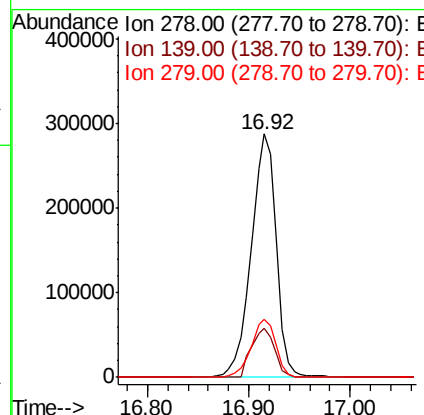
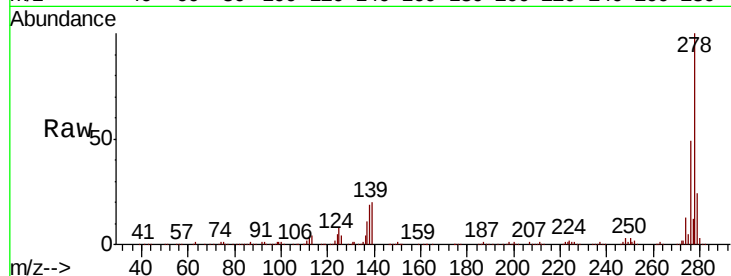
#91
Dibenzo(a,h)anthracene
Concen: 38.291 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	12.4	18.6#
279	23.8	18.2	27.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 37.148 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.01 min
Lab File: BF116688.D
Acq: 31 Aug 2019 10:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	26.5	16.2	24.2#

