

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116660.D
 Acq On : 30 Aug 2019 19:12
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
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 8/31/2019 2:45:20 PM

Quant Time: Aug 30 20:03:34 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 18:11:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123489	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	512591	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	257537	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	395773	20.00	ng	0.00
76) Chrysene-d12	14.00	240	209447	20.00	ng	0.00
87) Perylene-d12	15.45	264	199964	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1348873	137.42	ng	0.01
7) Phenol-d6	6.50	99	1789988	157.72	ng	0.02
23) Nitrobenzene-d5	7.43	82	1741844	178.83	ng	0.02
42) 2,4,6-Tribromophenol	10.68	330	317612	106.95	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2515096	122.60	ng	0.00
79) Terphenyl-d14	12.96	244	2120189	163.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	331570	68.168	ng	99
3) Pyridine	3.36	79	985100	72.407	ng	95
4) n-Nitrosodimethylamine	3.33	42	340099	65.492	ng	87
6) Aniline	6.53	93	1236457	80.615	ng	99
8) 2-Chlorophenol	6.65	128	734567	76.689	ng	94
10) Phenol	6.51	94	970724	77.093	ng	85
11) bis(2-Chloroethyl)ether	6.60	93	779873	82.145	ng	99
12) 1,3-Dichlorobenzene	6.80	146	832864	83.993	ng	99
13) 1,4-Dichlorobenzene	6.87	146	819204	85.741	ng	98
14) 1,2-Dichlorobenzene	7.03	146	745921	88.302	ng	97
15) Benzyl Alcohol	7.00	79	730204	95.910	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	916821	99.296	ng	98
17) 2-Methylphenol	7.10	107	668049	99.824	ng	97
18) Hexachloroethane	7.37	117	330120	97.457	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	612270	103.389	ng	91
20) 3+4-Methylphenols	7.27	107	720730	85.582	ng	# 81
22) Acetophenone	7.27	105	1075900	74.382	ng	95
24) Nitrobenzene	7.45	77	866996	88.927	ng	96
25) Isophorone	7.69	82	1707205	96.861	ng	99
26) 2-Nitrophenol	7.75	139	362789	83.721	ng	96
27) 2,4-Dimethylphenol	7.79	122	621657	90.535	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	1005615	92.313	ng	99
29) 2,4-Dichlorophenol	8.00	162	606730	83.652	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	631582	75.657	ng	95
31) Naphthalene	8.16	128	2099663	80.787	ng	98
32) Benzoic acid	7.96	122	458871	82.876	ng	97
33) 4-Chloroaniline	8.20	127	978303	88.765	ng	99
34) Hexachlorobutadiene	8.28	225	341579	71.433	ng	98
35) Caprolactam	8.61	113	228475m	99.428	ng	
36) 4-Chloro-3-methylphenol	8.69	107	699296	87.225	ng	99
37) 2-Methylnaphthalene	8.85	142	1388308	80.863	ng	98
38) 1-Methylnaphthalene	8.95	142	1312156	81.209	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	514837	58.928	ng	# 97
41) Hexachlorocyclopentadiene	9.01	237	330914	64.622	ng	99

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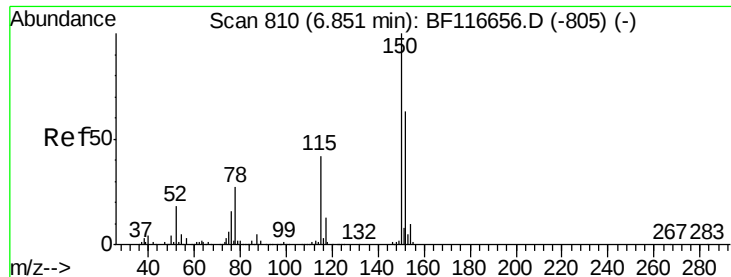
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.13	196	392072	66.557	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	400970	67.002	nq	# 91
46) 1,1'-Biphenyl	9.32	154	1645323	65.978	nq	99
47) 2-Chloronaphthalene	9.34	162	1329035	68.995	nq	98
48) 2-Nitroaniline	9.43	65	462695	78.367	nq	95
49) Acenaphthylene	9.76	152	1972775	75.331	nq	99
50) Dimethylphthalate	9.62	163	1571953	71.666	nq	99
51) 2,6-Dinitrotoluene	9.68	165	337263	74.752	nq	92
52) Acenaphthene	9.93	154	1250947	78.593	nq	99
53) 3-Nitroaniline	9.85	138	414112	84.235	nq	94
54) 2,4-Dinitrophenol	9.95	184	125894	66.926	nq	89
55) Dibenzofuran	10.10	168	1709121	70.894	nq	94
56) 4-Nitrophenol	10.00	139	289810	85.777	nq	91
57) 2,4-Dinitrotoluene	10.08	165	426176	76.424	nq	92
58) Fluorene	10.44	166	1298773	66.794	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	291261	63.004	nq	# 94
60) Diethylphthalate	10.32	149	1534159	73.924	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	557071	58.031	nq	96
62) 4-Nitroaniline	10.47	138	417778	78.180	nq	96
63) Azobenzene	10.59	77	1623482	78.695	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	161085	75.404	nq	75
66) n-Nitrosodiphenylamine	10.55	169	1208989	91.898	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	351845	78.131	nq	100
68) Hexachlorobenzene	10.99	284	371039	74.811	nq	98
69) Atrazine	11.07	200	318352	79.536	nq	97
70) Pentachlorophenol	11.17	266	202578	69.793	nq	98
71) Phenanthrene	11.40	178	1874160	84.283	nq	98
72) Anthracene	11.45	178	1891819	83.314	nq	99
73) Carbazole	11.60	167	1787617	88.908	nq	99
74) Di-n-butylphthalate	11.93	149	2257858	85.446	nq	98
75) Fluoranthene	12.59	202	1780472	78.490	nq	99
77) Benzidine	12.70	184	652505	91.558	nq	# 96
78) Pyrene	12.82	202	1784003	87.466	nq	97
80) Butylbenzylphthalate	13.43	149	883310	107.192	nq	98
81) Benzo(a)anthracene	14.00	228	1158632	81.665	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	374534	80.226	nq	99
83) Chrysene	14.03	228	1224141	88.542	nq	97
84) Bis(2-ethylhexyl)phthalate	13.99	149	1035118	98.115	nq	98
85) Di-n-octyl phthalate	14.59	149	1655445	103.984	nq	98
86) Indeno(1,2,3-cd)pyrene	16.92	276	1193057	99.586	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	1098493m	86.757	nq	
89) Benzo(k)fluoranthene	15.07	252	918611	75.548	nq	99
90) Benzo(a)pyrene	15.40	252	943457	85.267	nq	97
91) Dibenzo(a,h)anthracene	16.93	278	938572	80.873	nq	# 95
92) Benzo(g,h,i)perylene	17.36	276	1016510	91.438	nq	# 93

(#) = 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: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

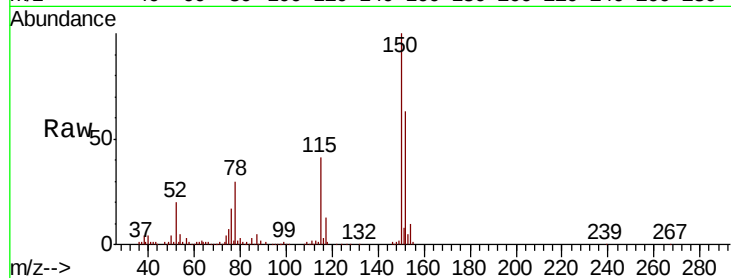
ClientSampleId :

SSTDICC100

Tot Ion:	152	Resp:	123489
Ion Ratio	Lower	Upper	
152	100		
150	159.3	124.4	186.6
115	65.8	49.9	74.9

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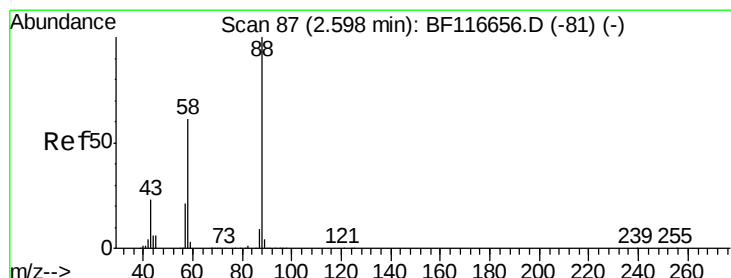
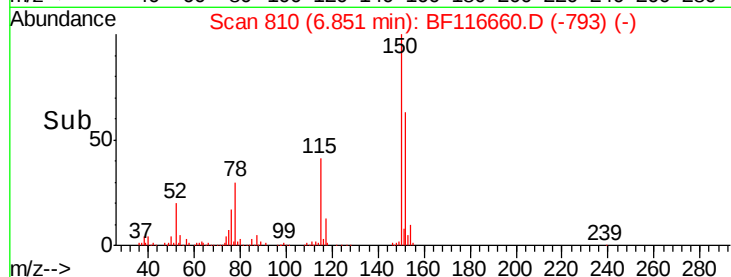
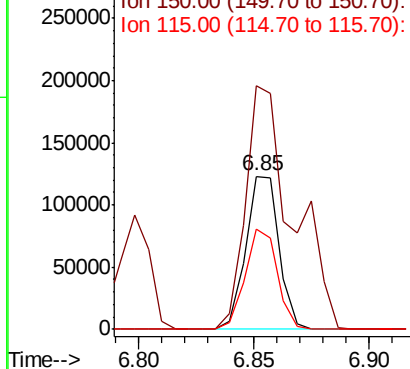


Abundance

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: 68.168 ng

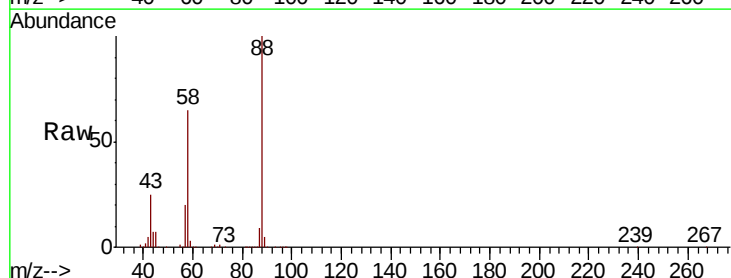
RT: 2.60 min Scan# 87

Delta R.T. -0.00 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion:	88	Resp:	331570
Ion Ratio	Lower	Upper	
88	100		
58	64.0	51.7	77.5
43	23.6	19.8	29.8

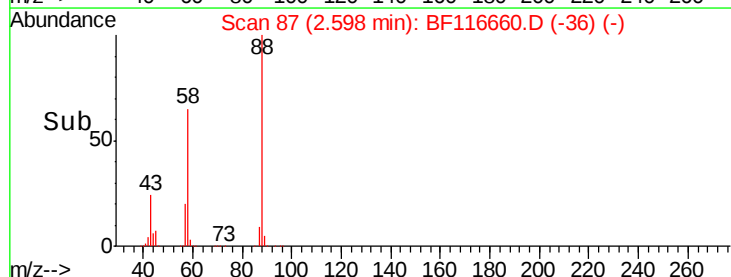
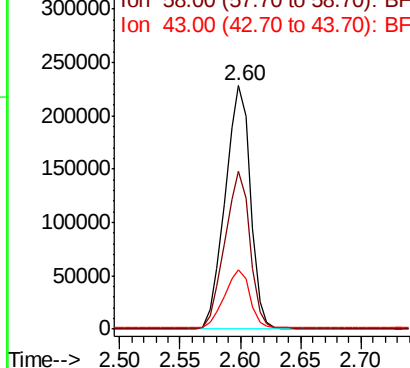


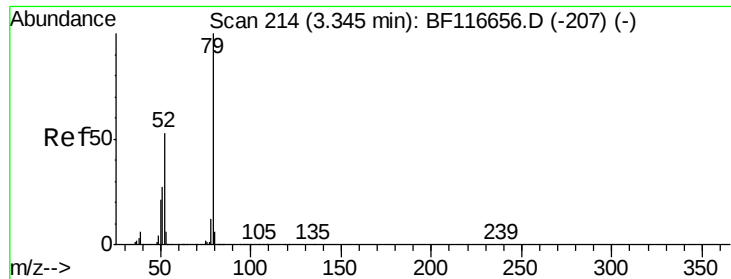
Abundance

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





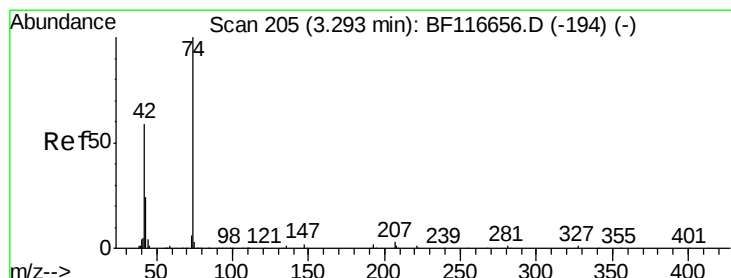
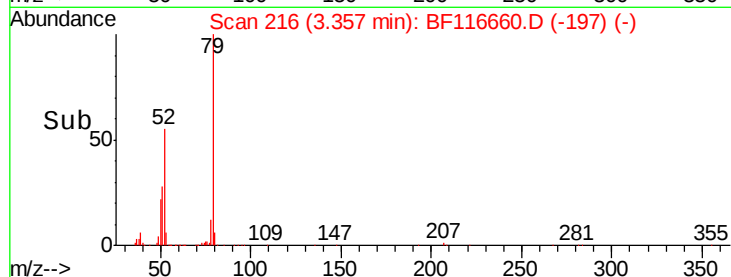
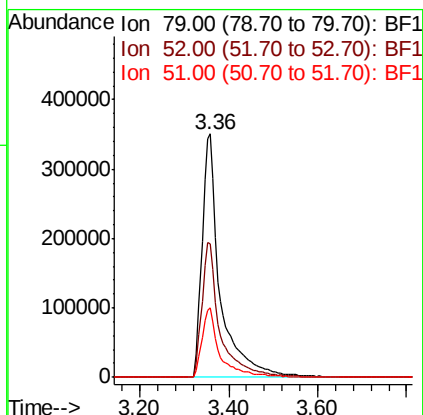
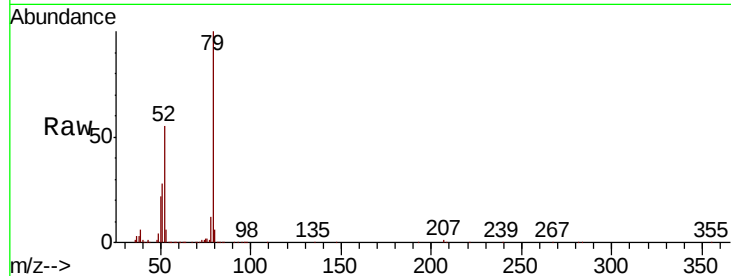
#3
 Pvridine
 Concen: 72.407 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
79	100	985100		
52	54.9		47.4	71.0
51	28.3		24.1	36.1

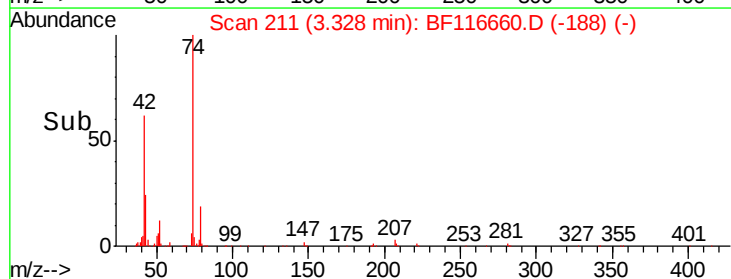
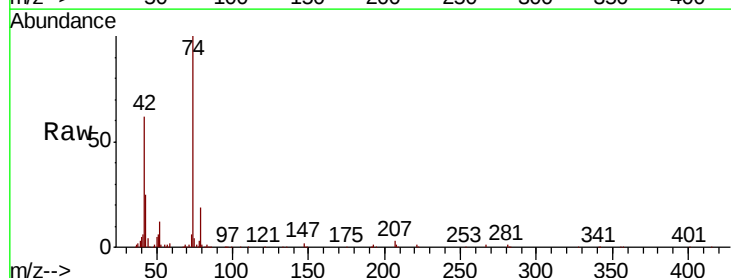
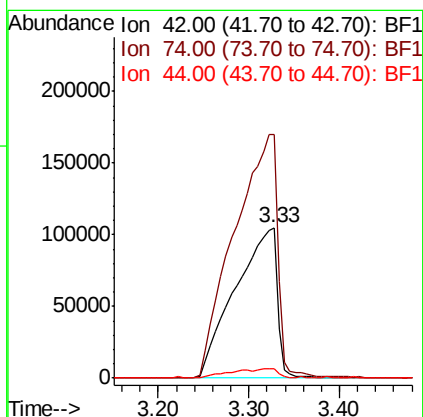
Manual Integrations
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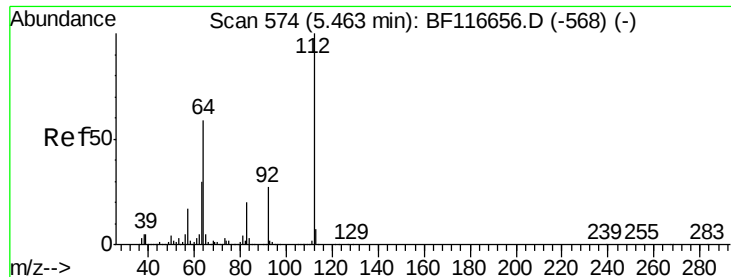
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#4
 n-Nitrosodimethylamine
 Concen: 65.492 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.04 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	340099		
74	161.8		115.6	173.4
44	6.0		4.6	7.0





#5

2-Fluorophenol

Concen: 137.423 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

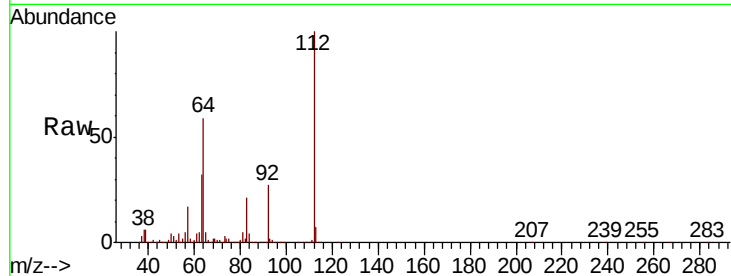
ClientSampleId :

SSTDICC100

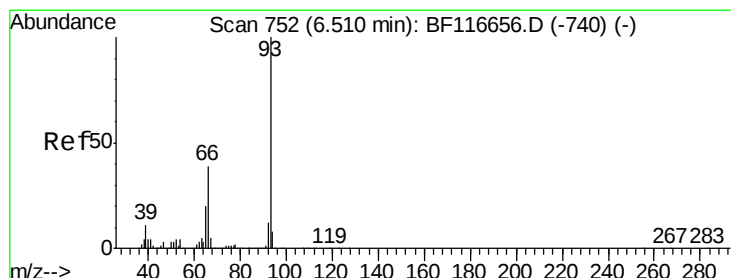
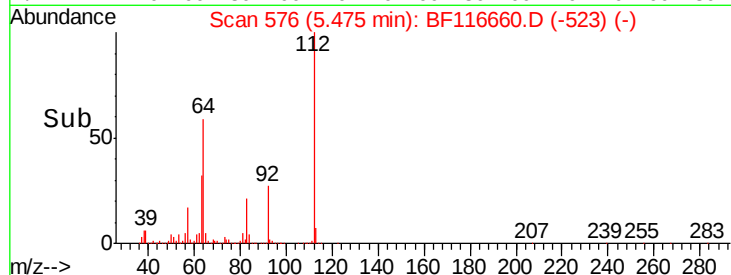
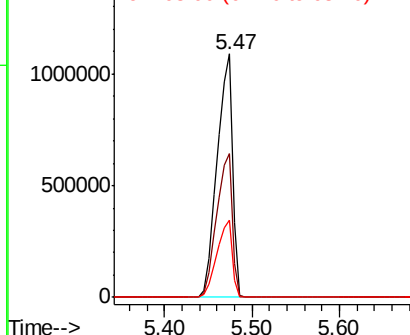
Tot Ion:	112	Resp:	1348873
Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.1	70.7
63	31.6	24.9	37.3

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 80.615 ng

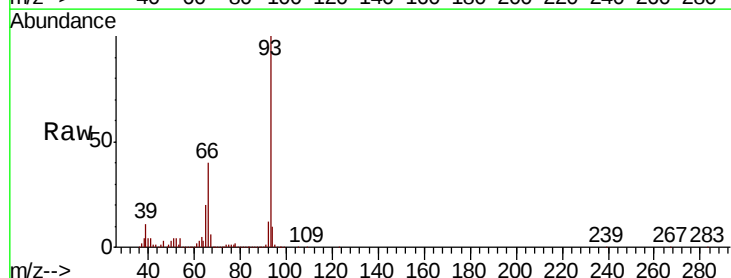
RT: 6.53 min Scan# 755

Delta R.T. 0.02 min

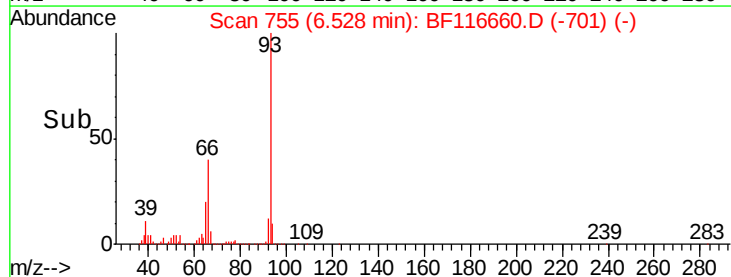
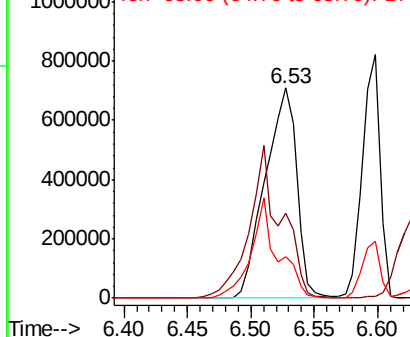
Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion:	93	Resp:	1236457
Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.7	49.1
65	19.7	16.3	24.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 157.716 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampled :

SSTDICC100

Tot Ion: 99 Resp: 1789988

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

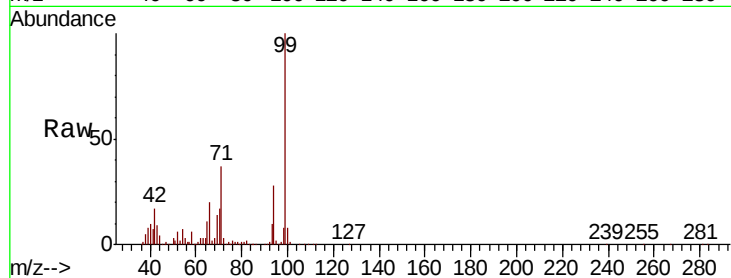
71 36.7 30.8 46.2

Manual Integrations

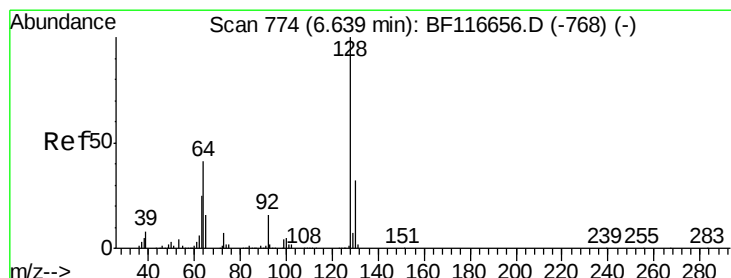
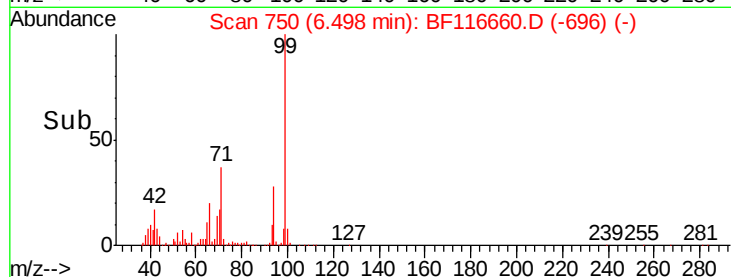
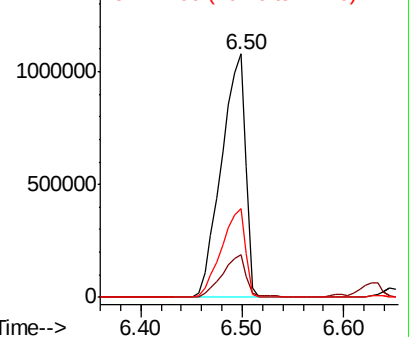
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 76.689 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

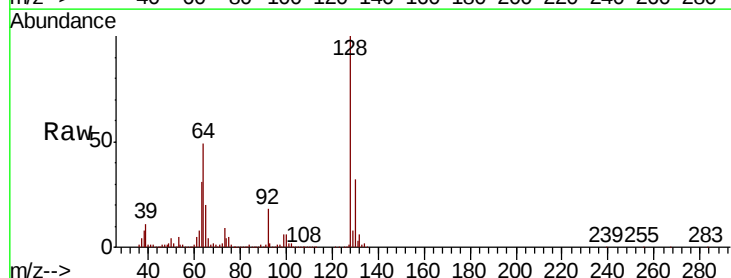
Tgt Ion: 128 Resp: 734567

Ion Ratio Lower Upper

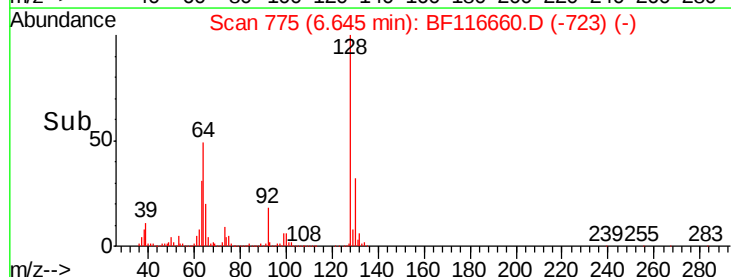
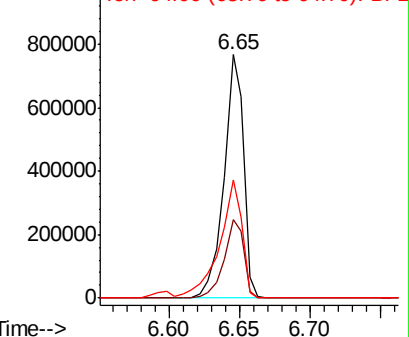
128 100

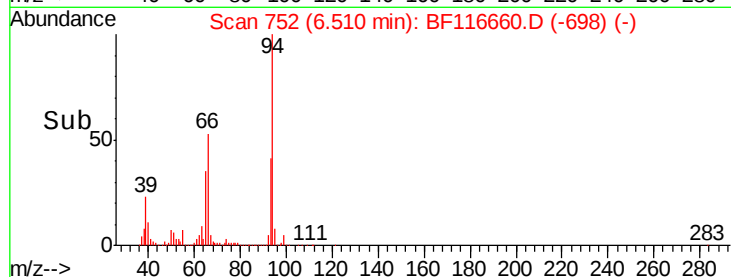
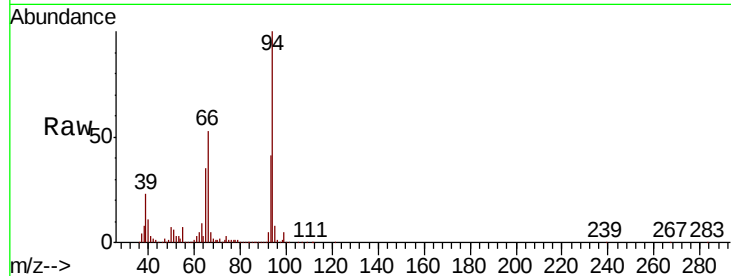
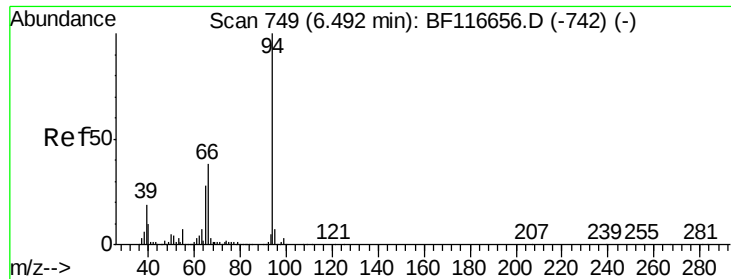
130 32.4 12.3 52.3

64 48.7 22.5 62.5



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





#10

Phenol

Concen: 77.093 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tot Ion:	94	Resp:	970724
Ion	Ratio	Lower	Upper
94	100		
65	35.3	10.8	50.8
66	53.5	21.1	61.1

Instrument :

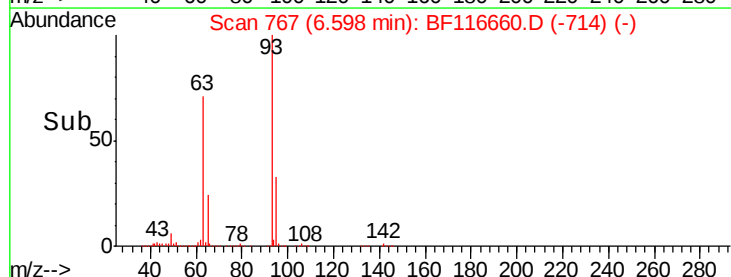
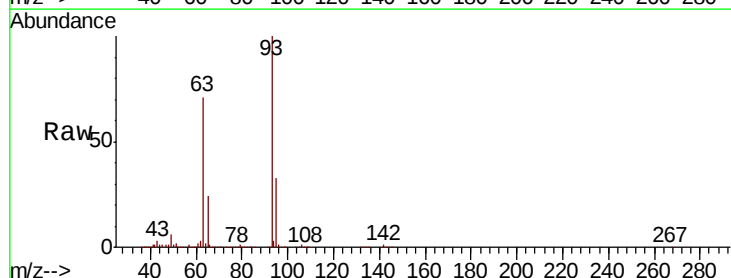
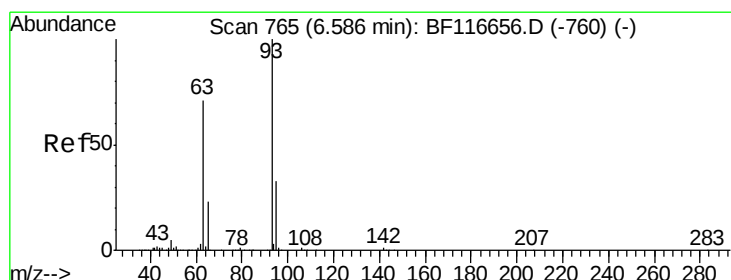
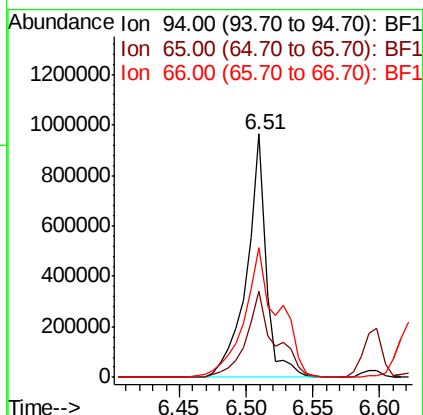
BNA_F

ClientSampleId :

SSTDICC100

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 82.145 ng

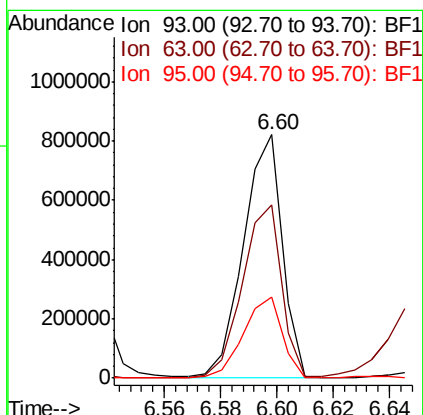
RT: 6.60 min Scan# 767

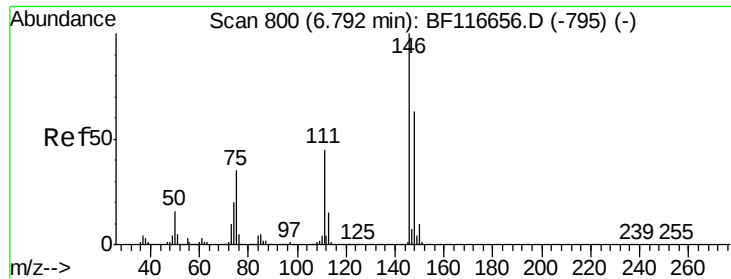
Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion:	93	Resp:	779873
Ion	Ratio	Lower	Upper
93	100		
63	71.3	49.9	89.9
95	33.1	12.7	52.7





#12

1,3-Dichlorobenzene

Concen: 83.993 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

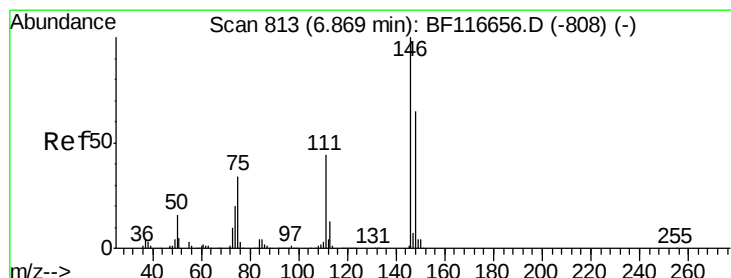
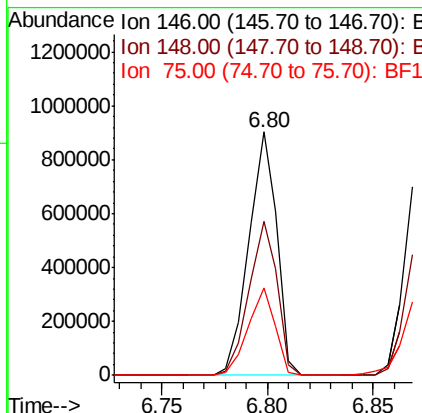
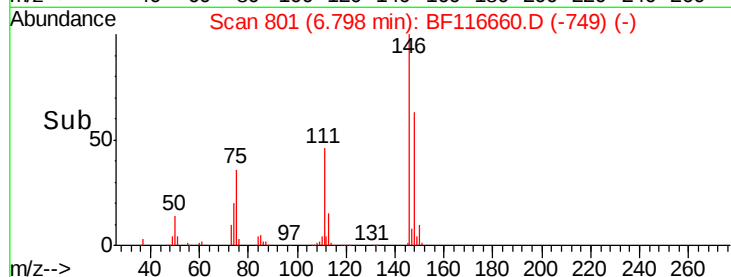
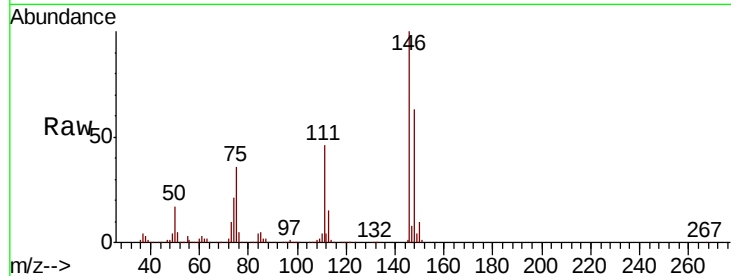
ClientSampleId :

SSTDICC100

Tot Ion:	146	Resp:	832864
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.0
75	36.0	29.6	44.4

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#13

1,4-Dichlorobenzene

Concen: 85.741 ng

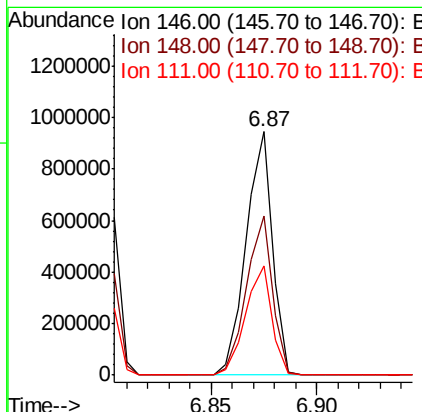
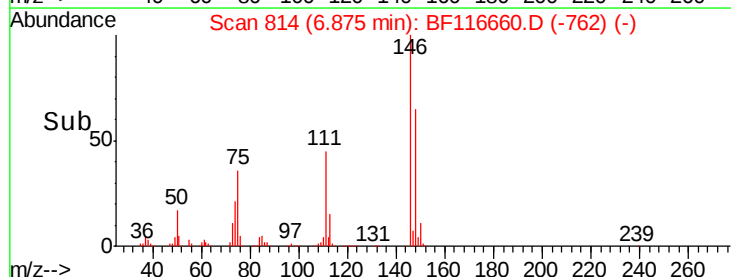
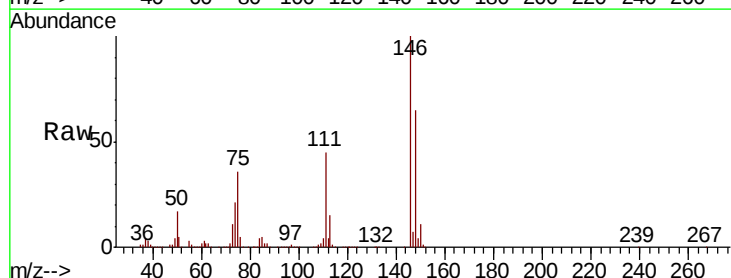
RT: 6.87 min Scan# 814

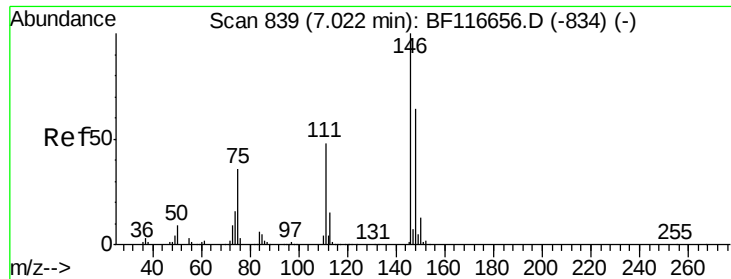
Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion:	146	Resp:	819204
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.4	77.2
111	44.9	34.8	52.2





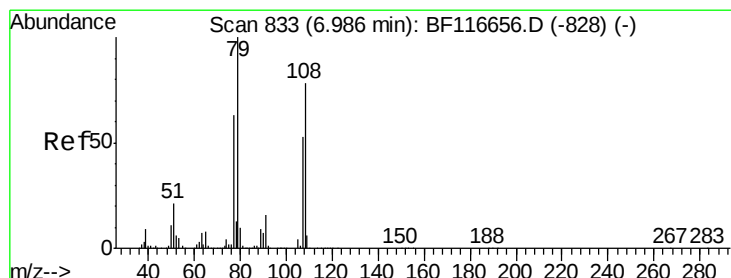
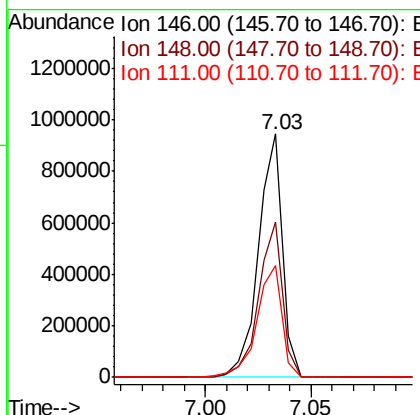
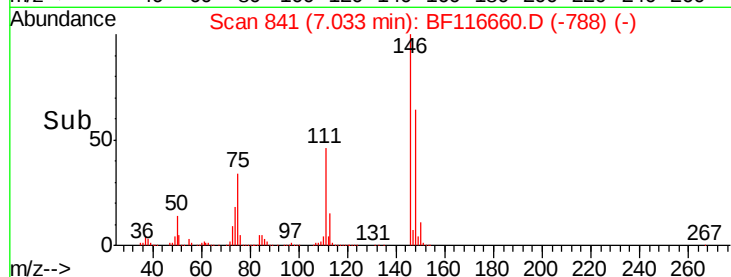
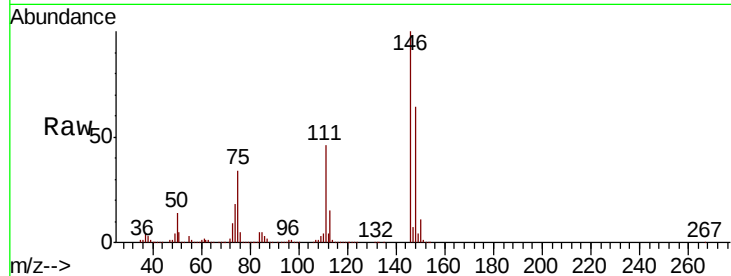
#14
 1,2-Dichlorobenzene
 Concen: 88.302 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	78.8
111	45.7	34.2	51.4

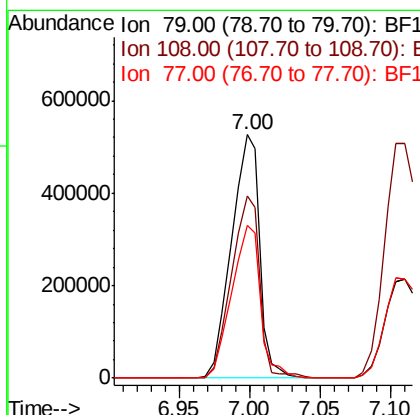
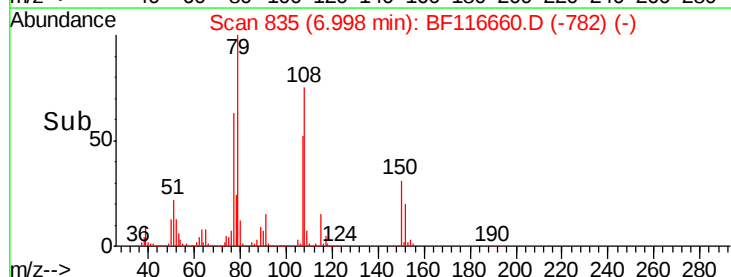
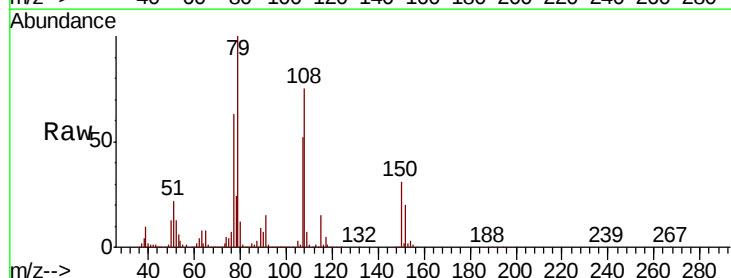
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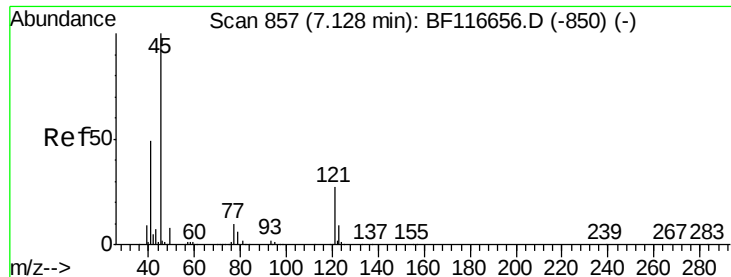
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#15
 Benzyl Alcohol
 Concen: 95.910 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
79	100		
108	74.7	59.2	88.8
77	62.7	53.0	79.4





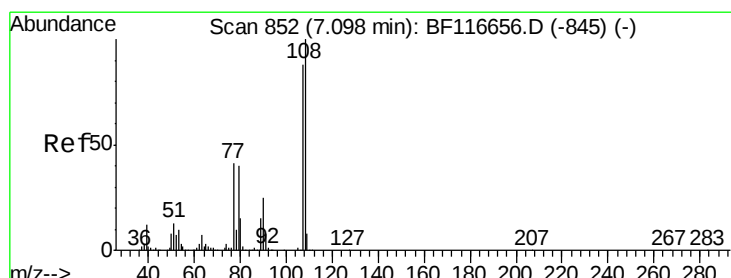
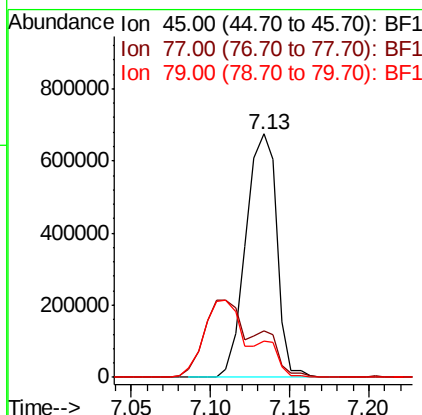
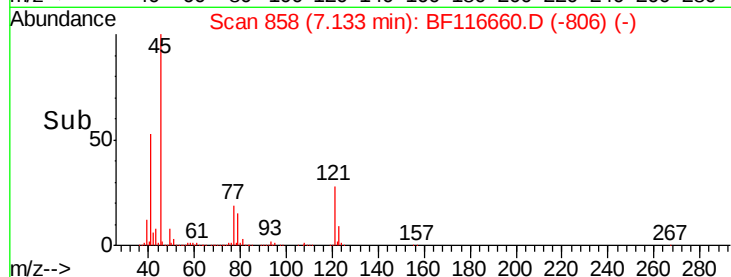
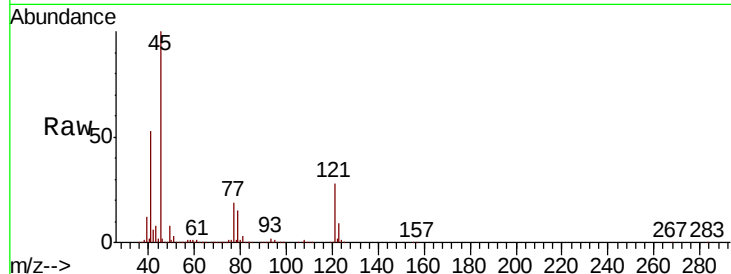
#16
2,2'-oxvbis(1-chloropropane)
Concen: 99.296 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	38.2
79	15.0	0.0	33.9

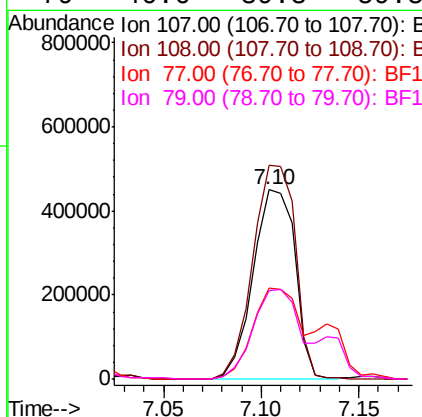
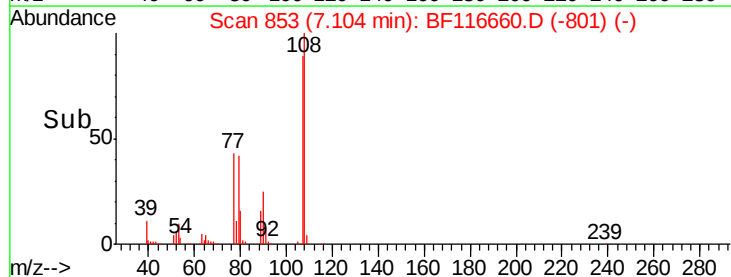
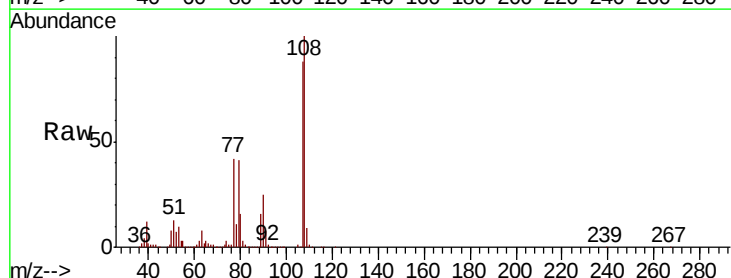
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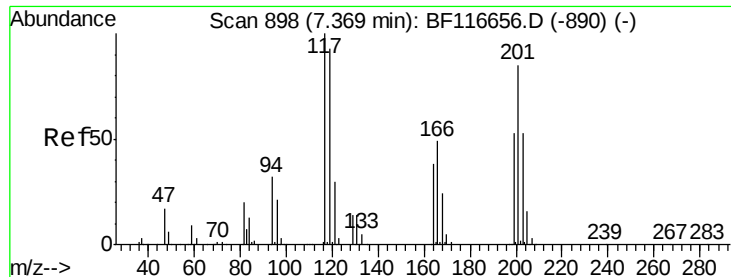
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#17
2-Methylphenol
Concen: 99.824 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	88.3	132.5
77	48.0	39.9	59.9
79	46.6	39.8	59.8





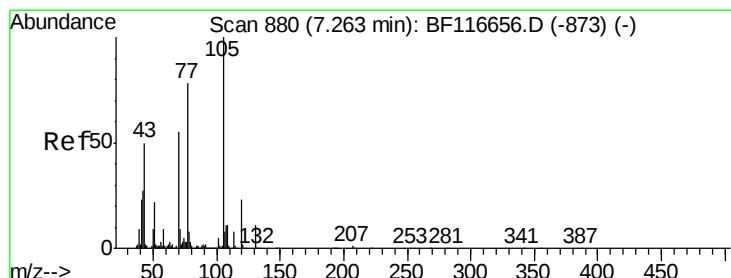
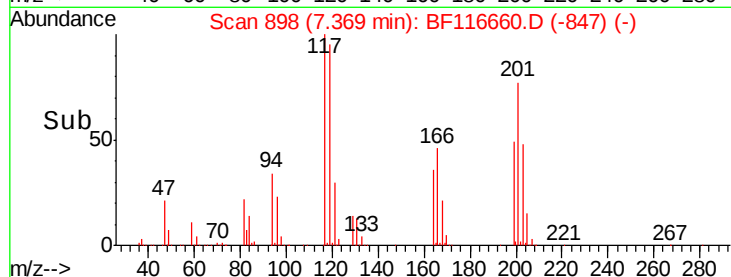
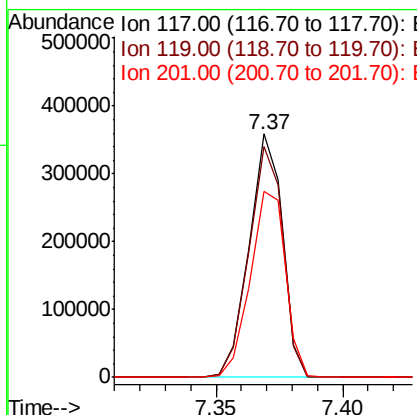
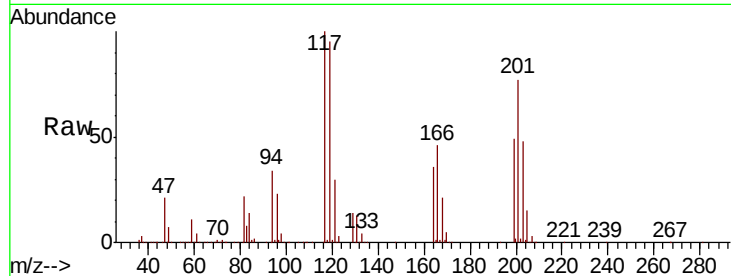
#18
Hexachloroethane
Concen: 97.457 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	76.9	115.3	
201	76.6	79.4	119.0	

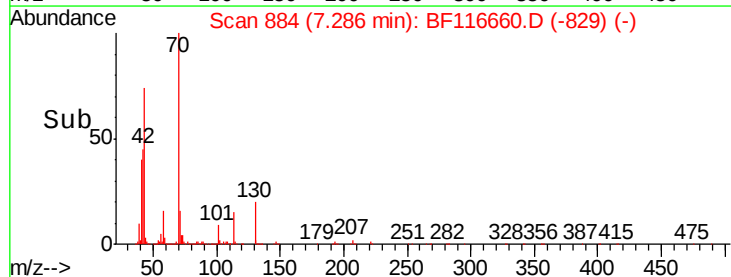
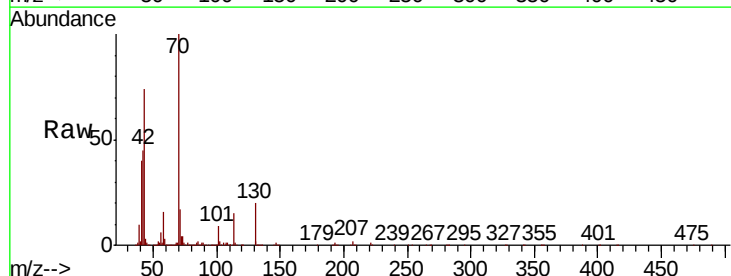
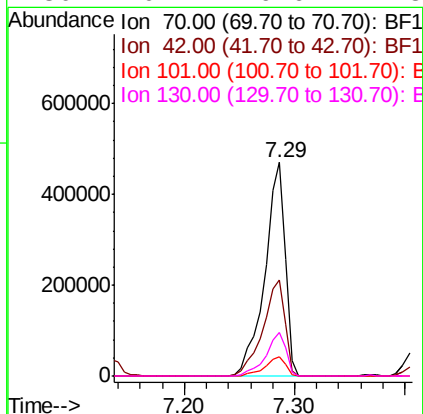
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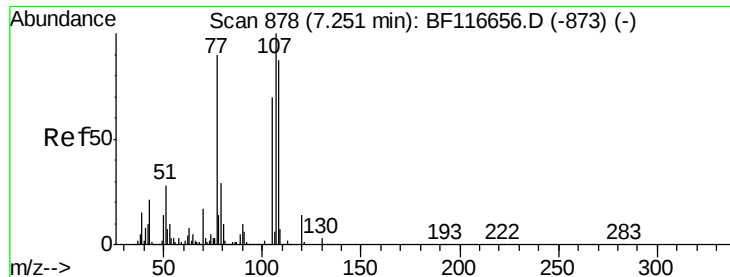
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#19
n-Nitroso-di-n-propylamine
Concen: 103.389 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	45.0	43.5	65.3	
101	9.2	7.8	11.6	
130	20.4	16.6	24.8	





#20

3+4-Methylphenols

Concen: 85.582 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

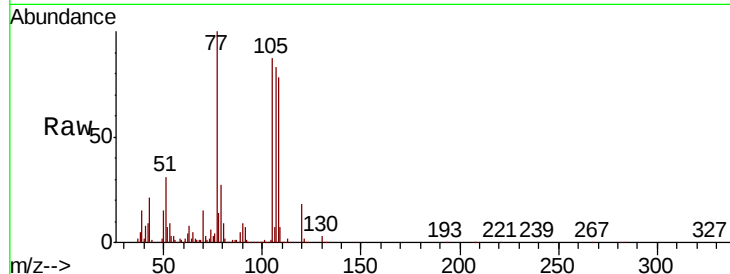
ClientSampled :

SSTDICC100

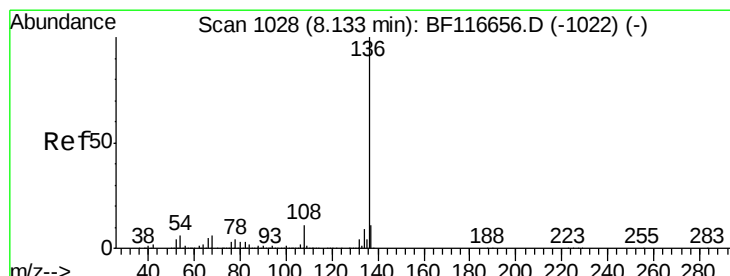
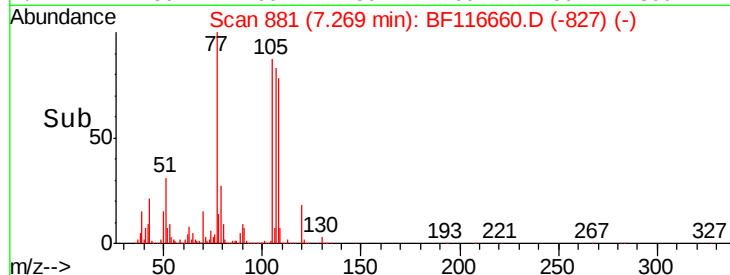
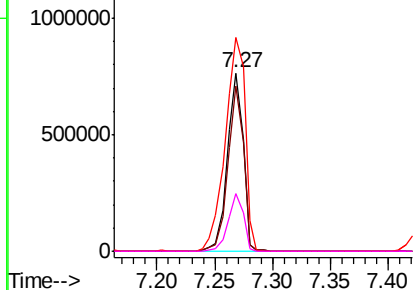
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	93.1	65.5	105.5	
77	120.0	69.4	109.4	
79	32.6	9.5	49.5	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

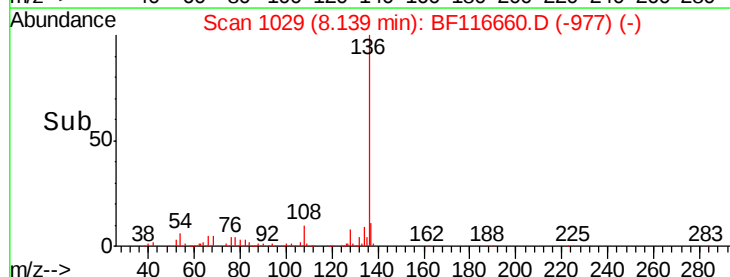
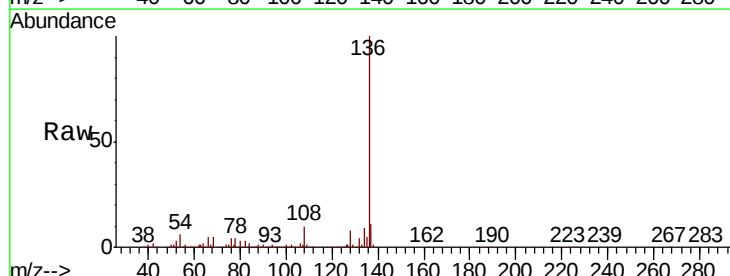
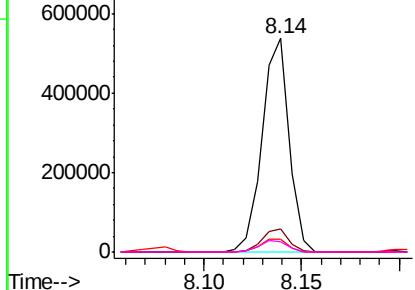
Delta R.T. 0.01 min

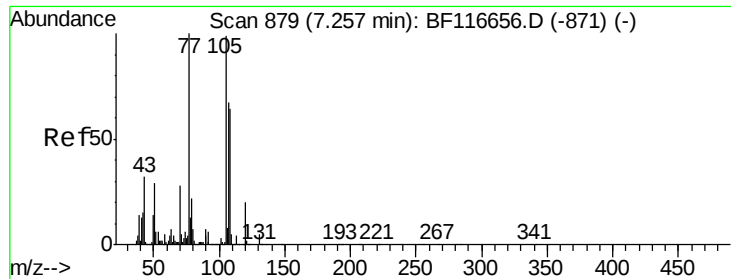
Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.0	4.8	7.2	
68	5.1	4.0	6.0	

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





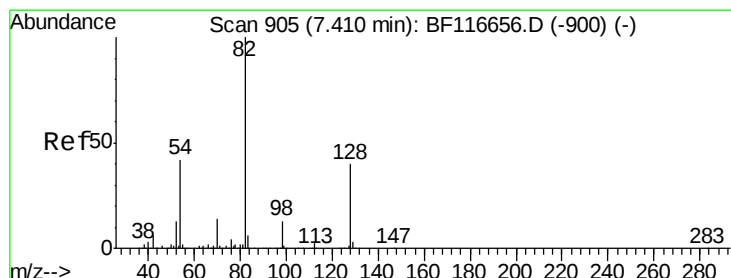
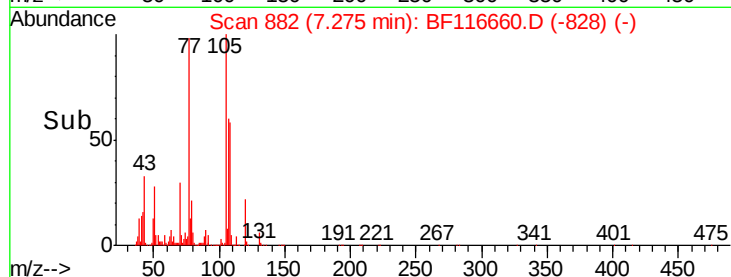
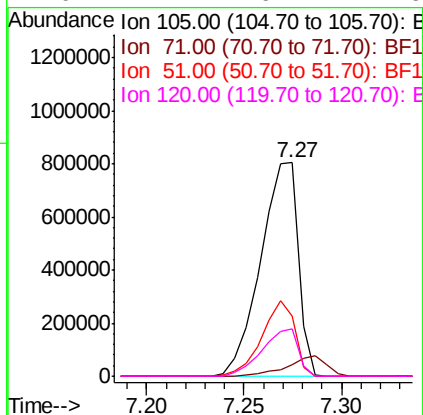
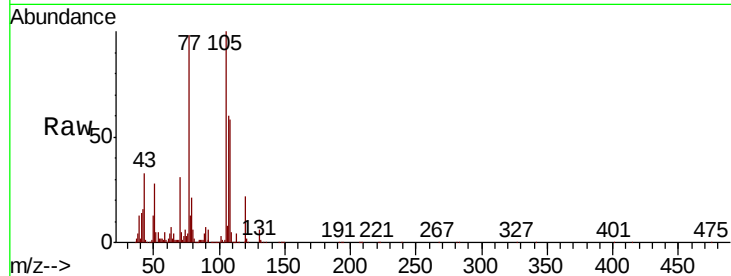
#22
Acetophenone
Concen: 74.382 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.2	6.4
51	28.3	25.8	38.8
120	22.2	16.4	24.6

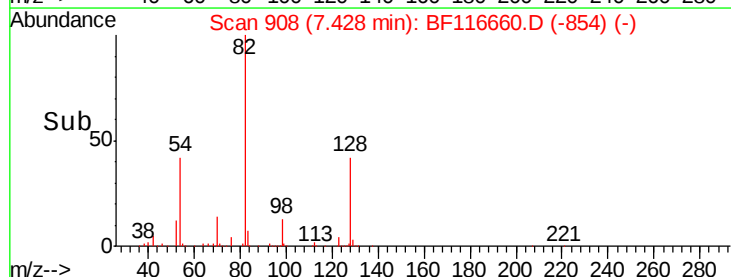
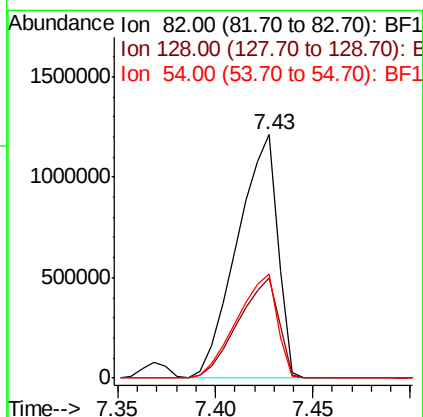
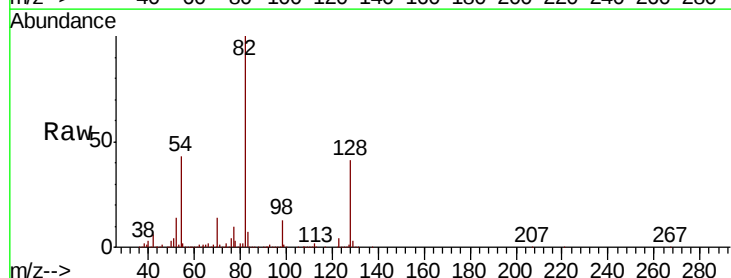
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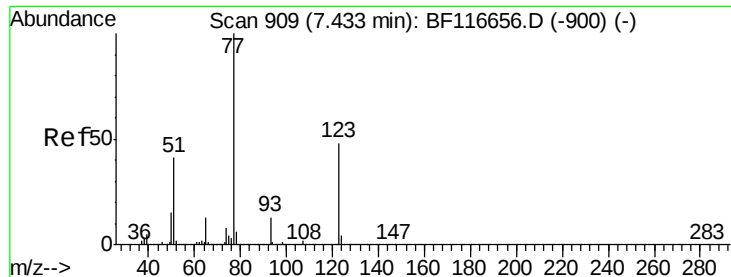
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#23
Nitrobenzene-d5
Concen: 178.828 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.8	49.2
54	42.7	36.9	55.3





#24

Nitrobenzene

Concen: 88.927 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

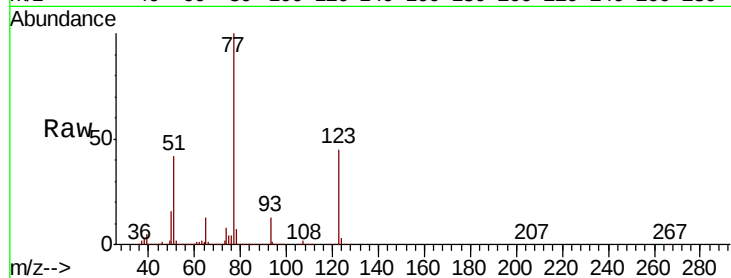
ClientSampleId :

SSTDIC100

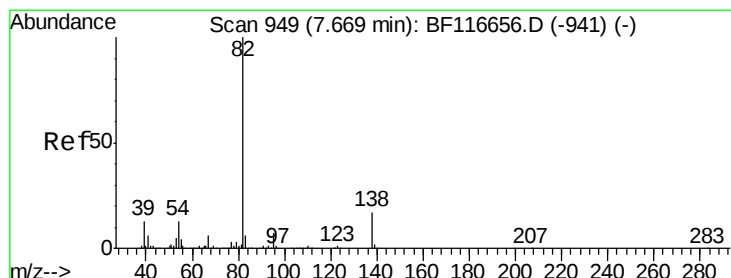
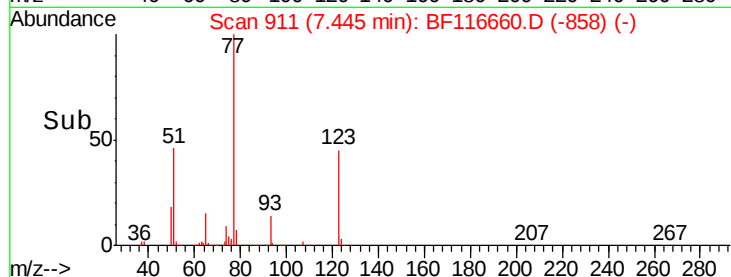
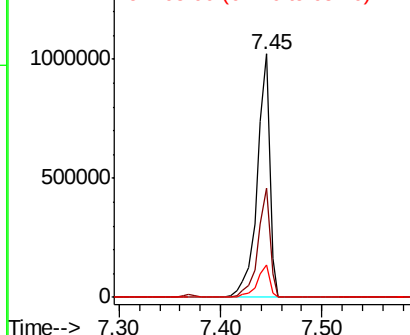
Tot Ion:	77	Resp:	866996
Ion Ratio	Lower	Upper	
77	100		
123	45.0	33.1	49.7
65	13.3	10.6	15.8

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 96.861 ng

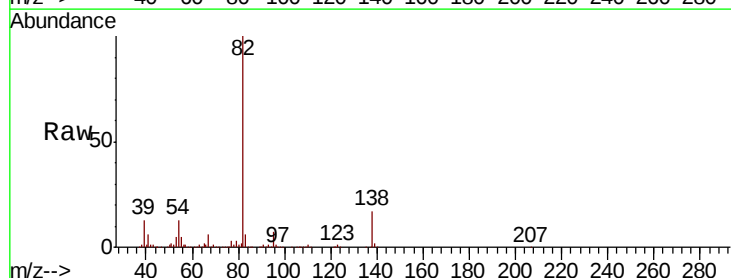
RT: 7.69 min Scan# 952

Delta R.T. 0.02 min

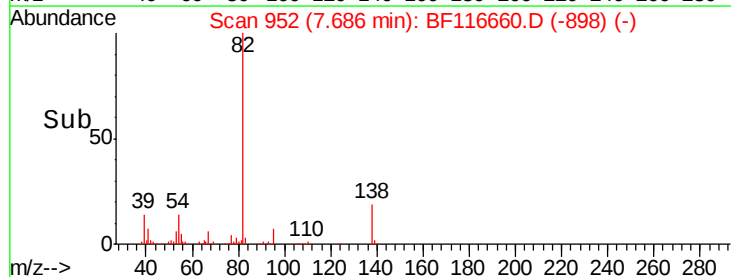
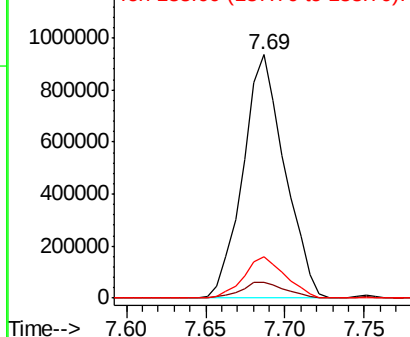
Lab File: BF116660.D

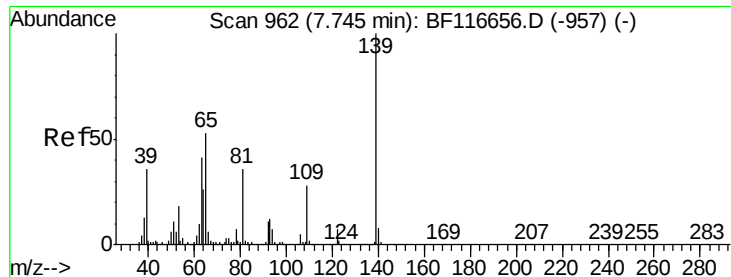
Acq: 30 Aug 2019 19:12

Tgt Ion:	82	Resp:	1707205
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	17.1	13.5	20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





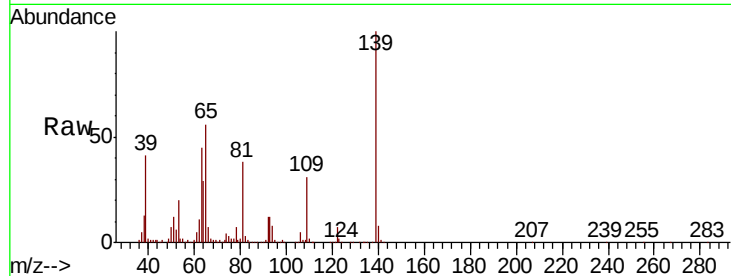
#26
2-Nitrophenol
Concen: 83.721 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

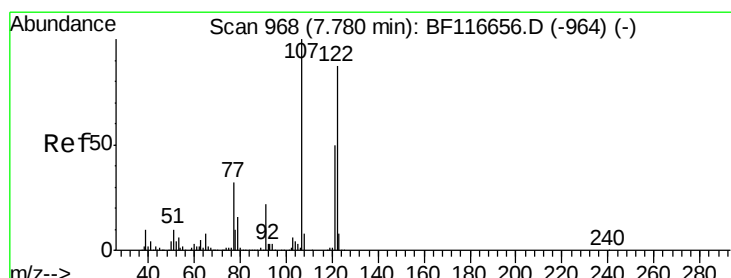
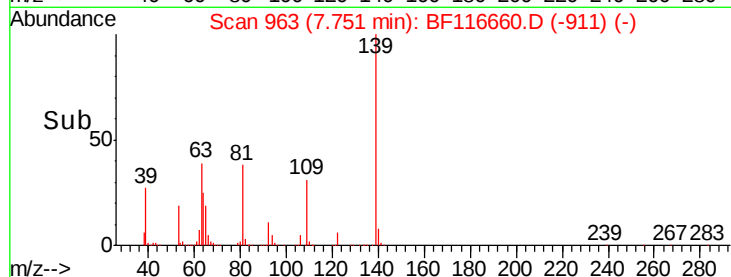
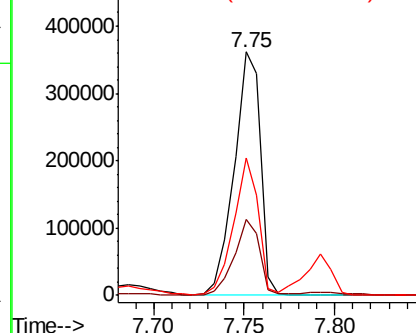
Tot Ion	Ratio	Resp	Lower	Upper
139	100	362789		
109	31.0	27.1	40.7	
65	56.3	43.0	64.6	

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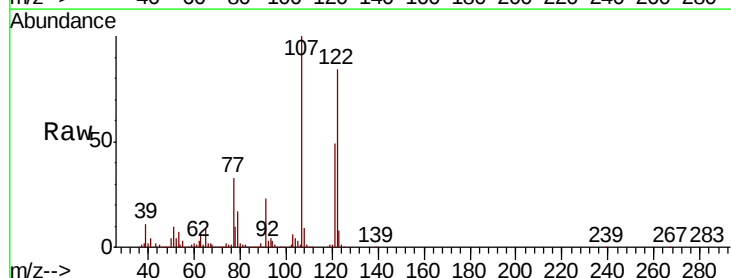


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

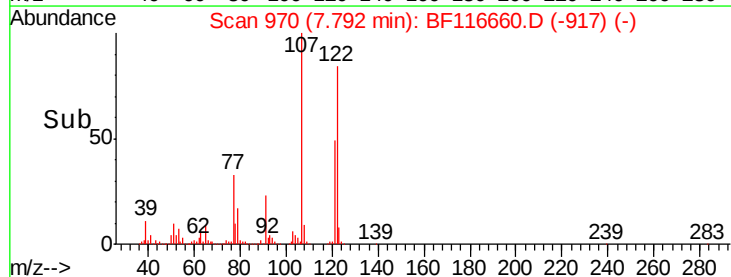
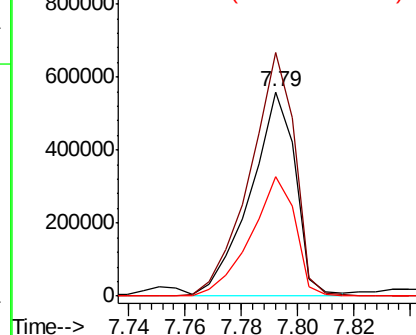


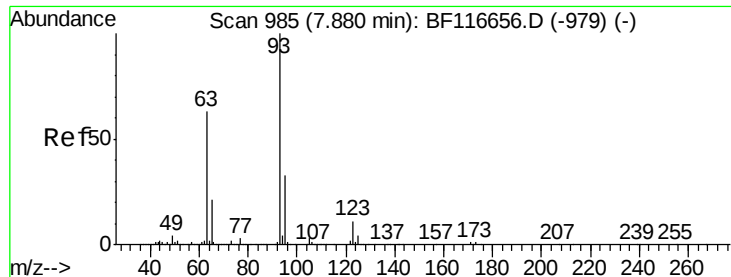
#27
2,4-Dimethylphenol
Concen: 90.535 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	621657		
107	119.1	98.1	147.1	
121	58.7	47.3	70.9	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





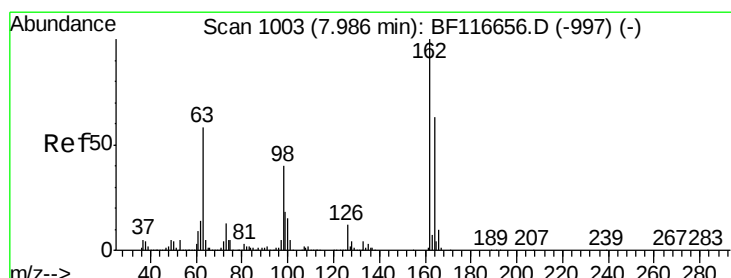
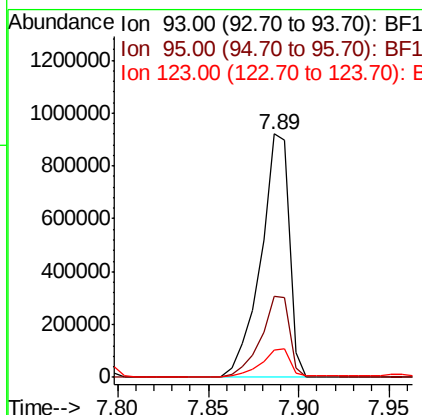
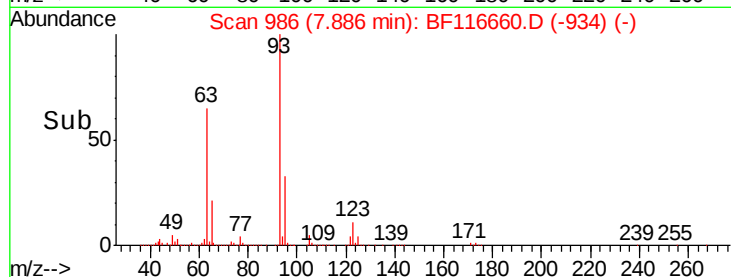
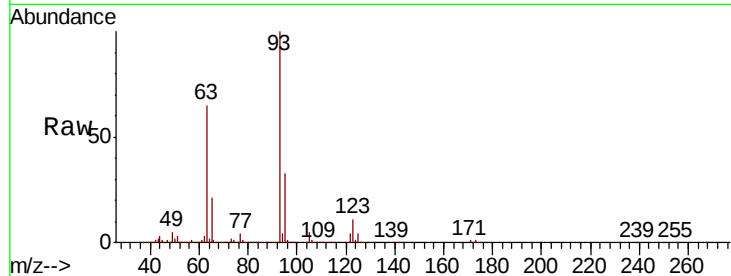
#28
bis(2-Chloroethoxy)methane
Concen: 92.313 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.1	9.8	14.8

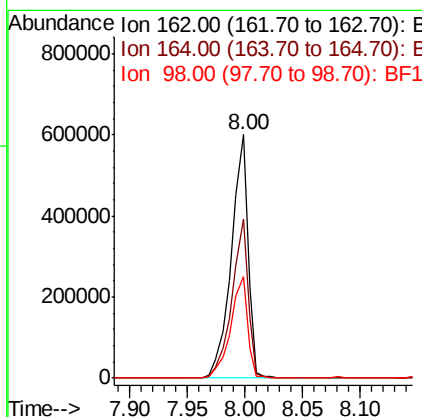
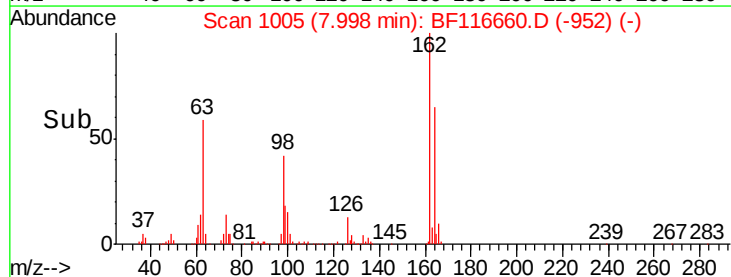
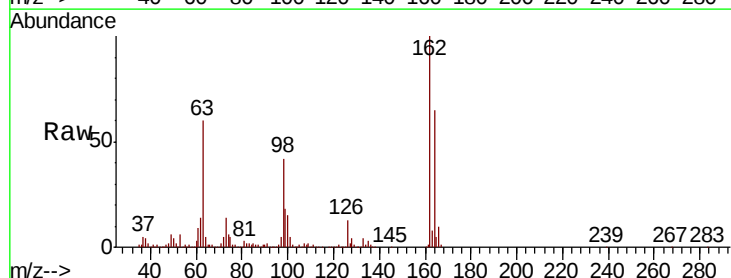
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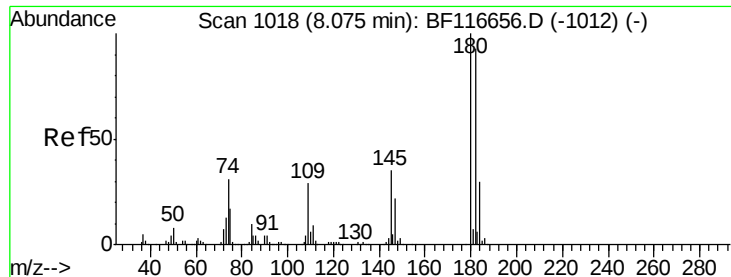
mohammad
8/31/2019 2:45:20 PM



#29
2,4-Dichlorophenol
Concen: 83.652 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	43.4	83.4
98	41.8	18.1	58.1





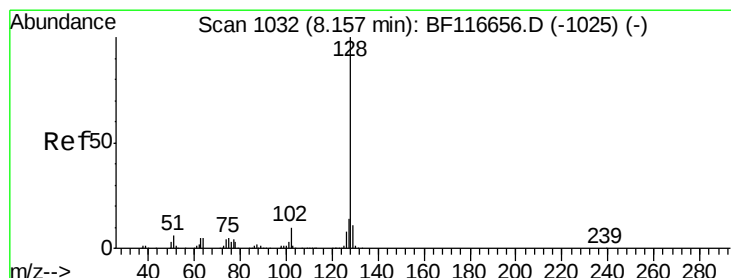
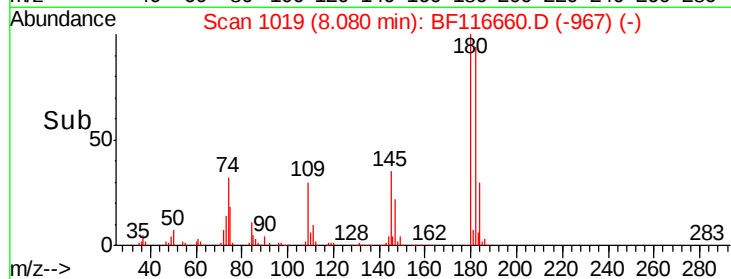
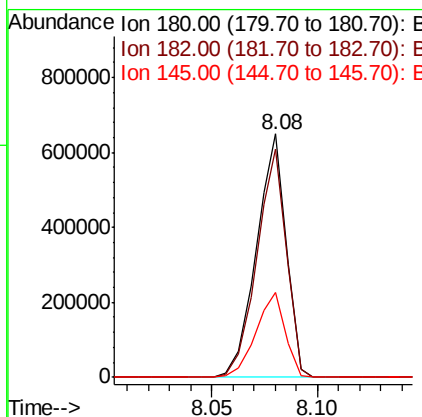
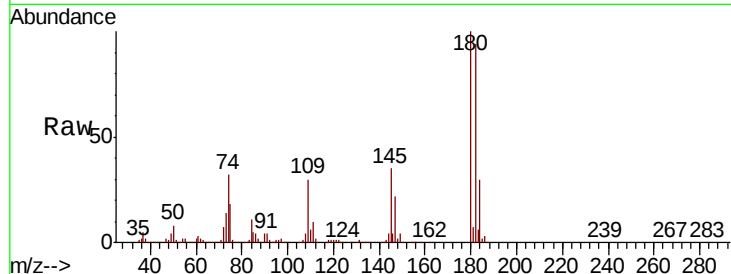
#30
1,2,4-Trichlorobenzene
Concen: 75.657 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.6	118.0
145	35.0	25.7	38.5

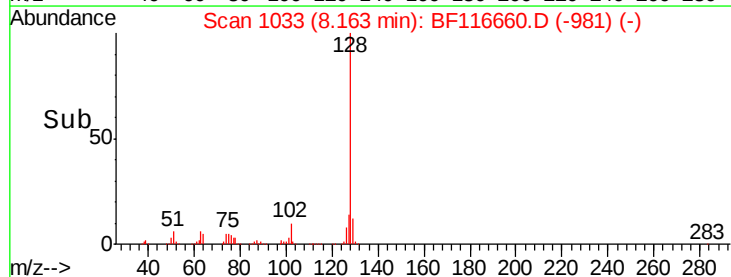
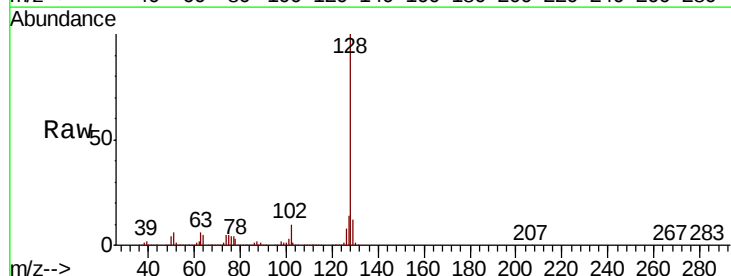
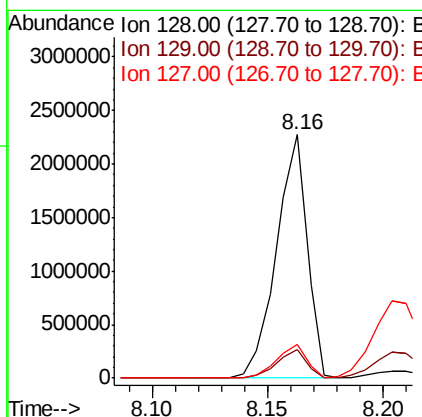
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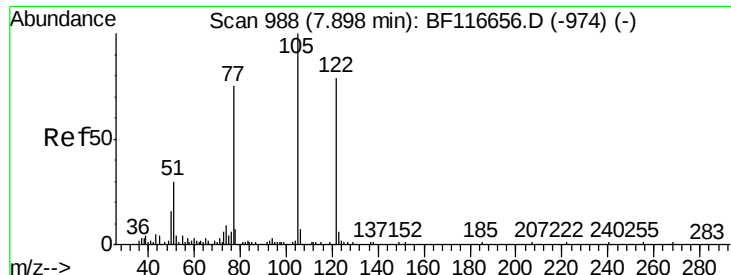
mohammad
8/31/2019 2:45:20 PM



#31
Naphthalene
Concen: 80.787 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.7	10.4	15.6





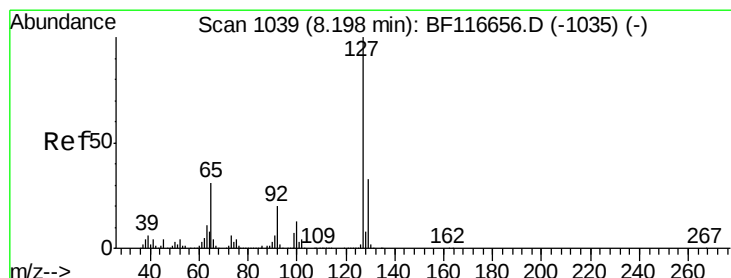
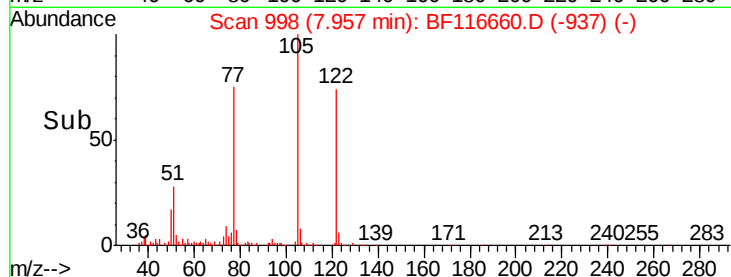
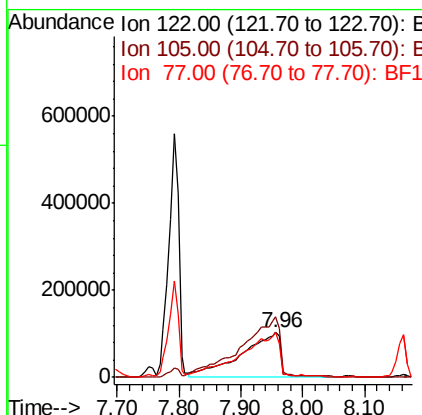
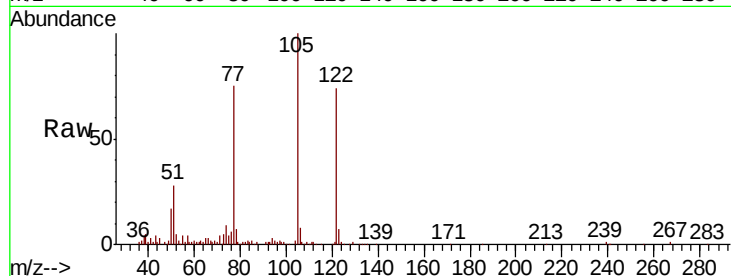
#32
Benzoic acid
Concen: 82.876 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.06 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
122	100		
105	135.6	110.0	150.0
77	102.0	81.7	121.7

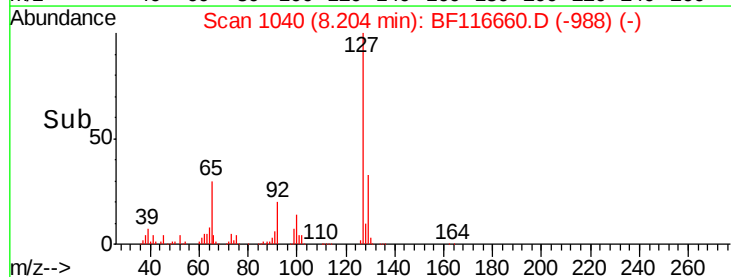
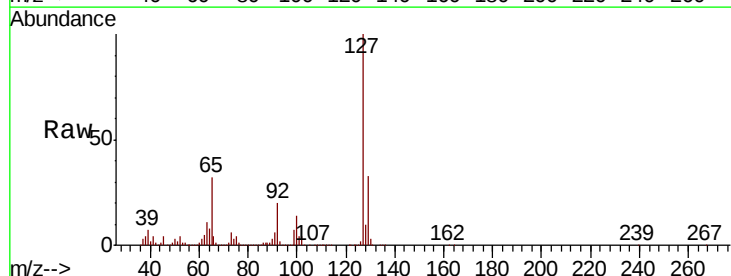
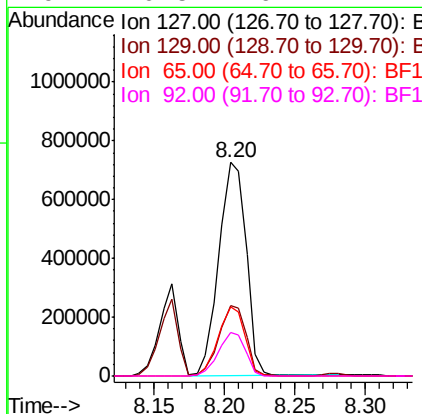
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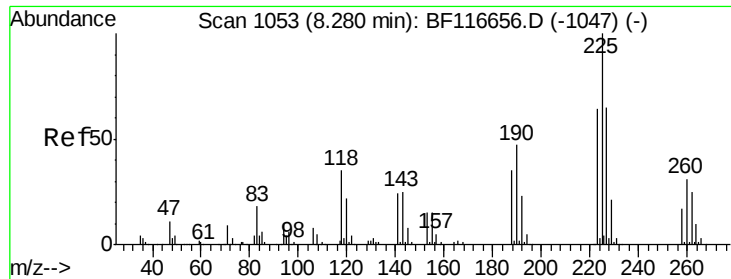
mohammad
8/31/2019 2:45:20 PM



#33
4-Chloroaniline
Concen: 88.765 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	32.1	26.0	39.0
92	20.5	16.1	24.1





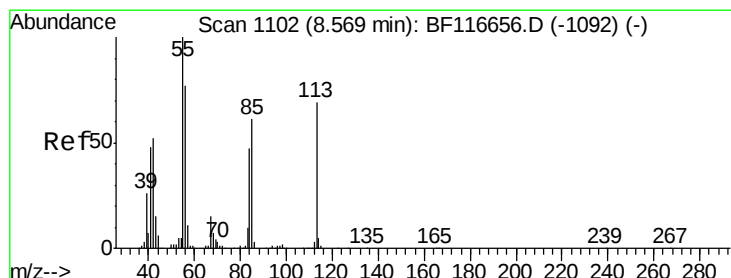
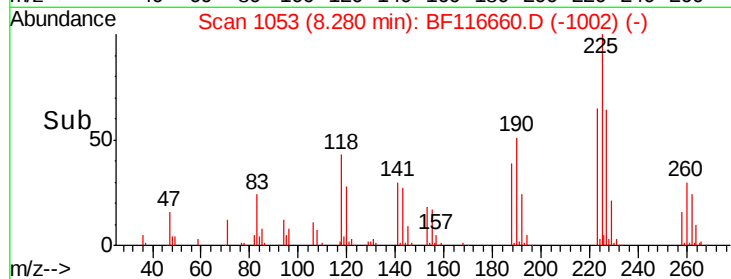
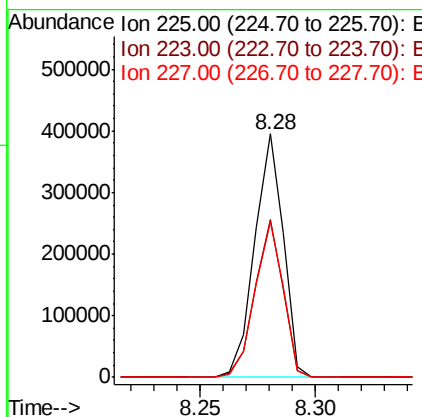
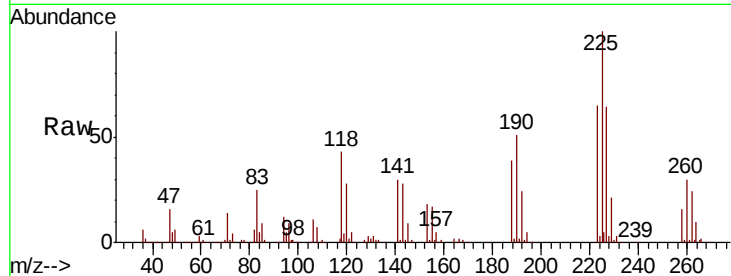
#34
Hexachlorobutadiene
Concen: 71.433 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:	225	Resp:	341579
Ion Ratio	Lower	Upper	
225	100		
223	64.7	49.4	74.2
227	63.6	51.0	76.4

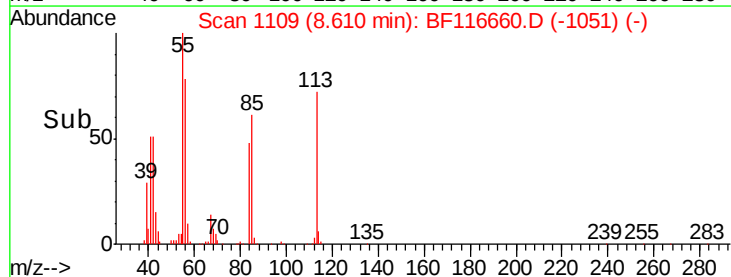
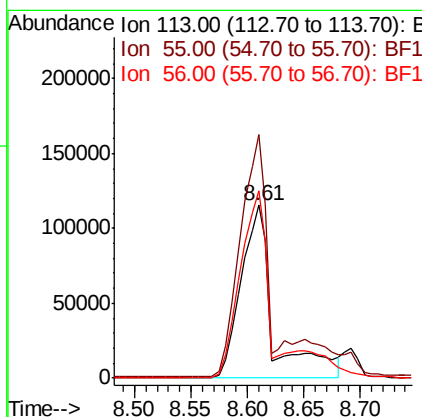
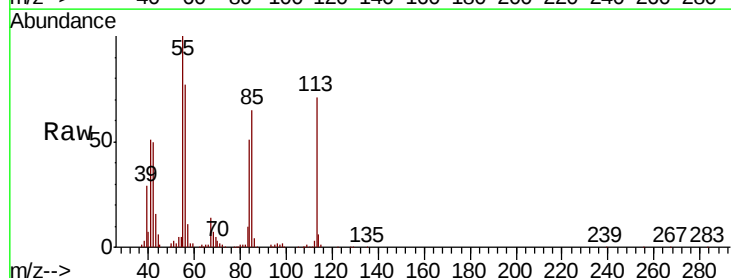
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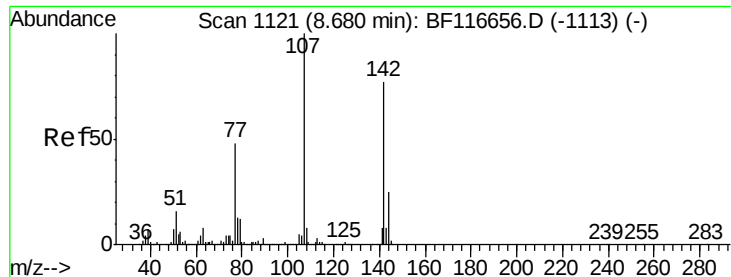
mohammad
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#35
Caprolactam
Concen: 99.428 ng m
RT: 8.61 min Scan# 1109
Delta R.T. 0.04 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:	113	Resp:	228475
Ion Ratio	Lower	Upper	
113	100		
55	140.8	124.3	164.3
56	108.7	94.6	134.6





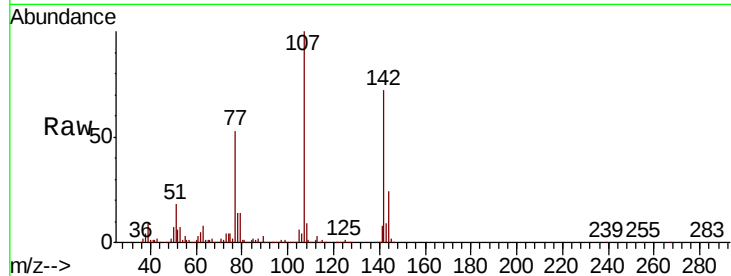
#36
 4-Chloro-3-methylphenol
 Concen: 87.225 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	699296		
144	23.7	18.6	27.8	
142	72.1	58.5	87.7	

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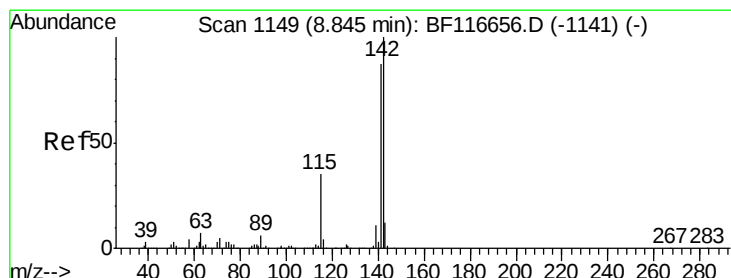
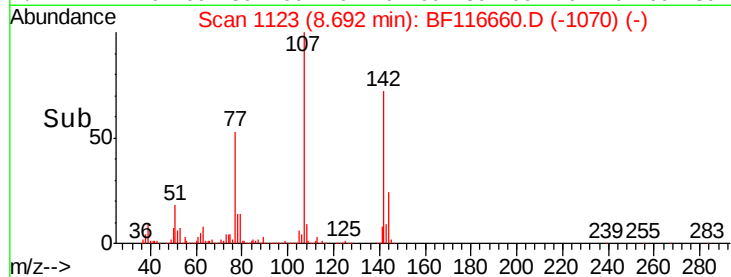
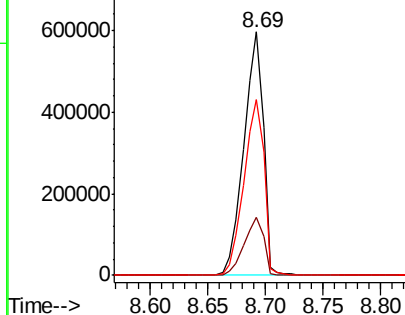


Abundance

Ion 107.00 (106.70 to 107.70): E

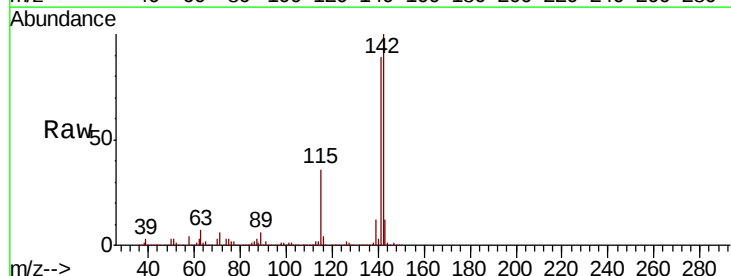
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 80.863 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1388308		
141	88.8	72.6	109.0	
115	36.4	29.8	44.6	

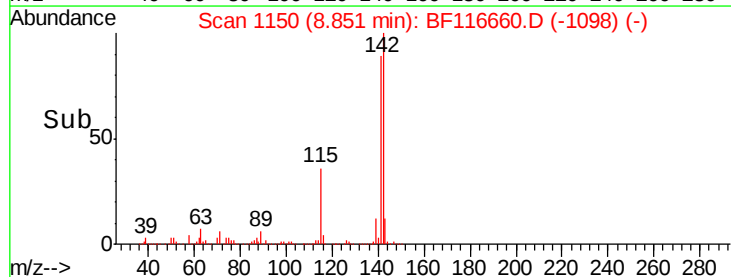
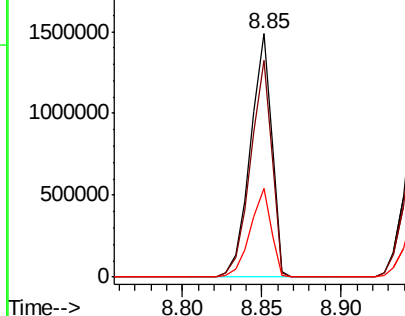


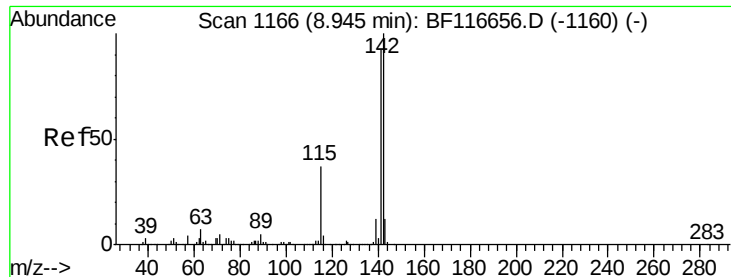
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





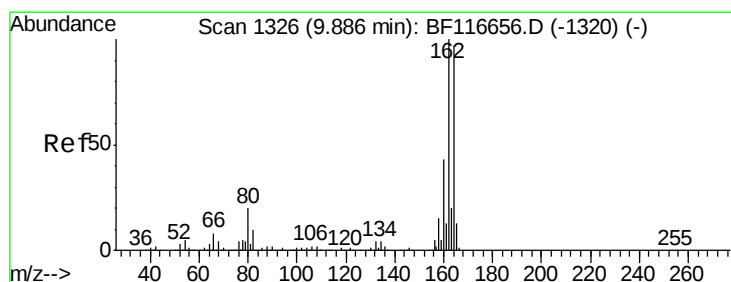
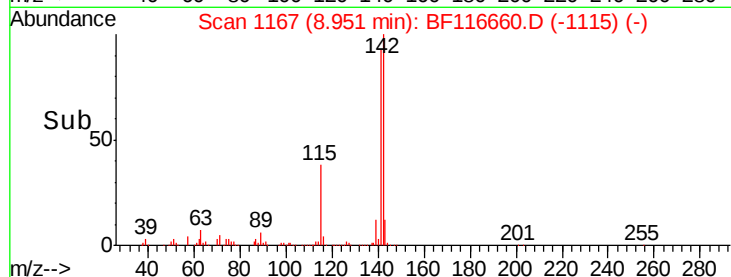
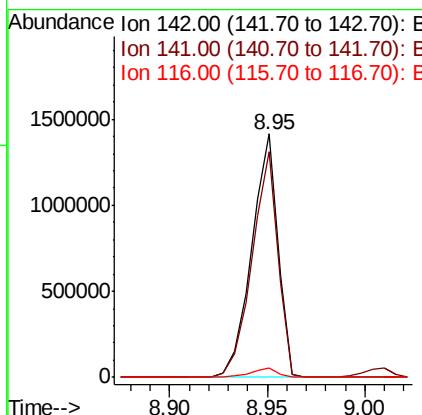
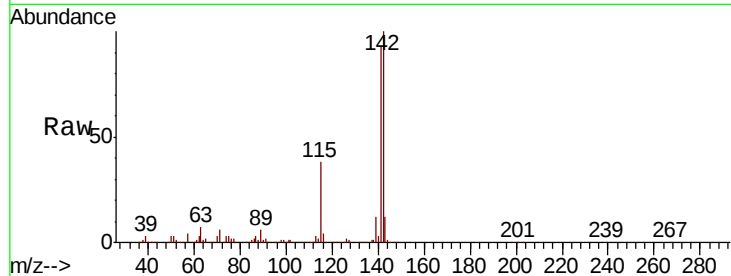
#38
1-Methylnaphthalene
Concen: 81.209 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9
116	4.0	3.0	4.6

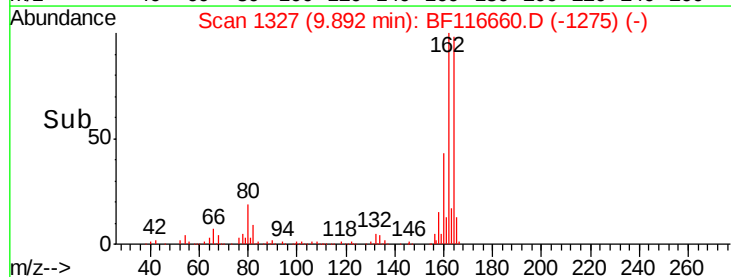
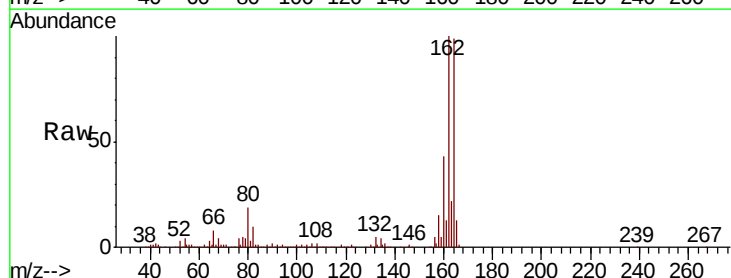
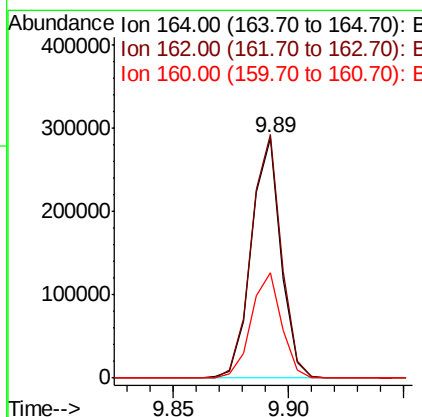
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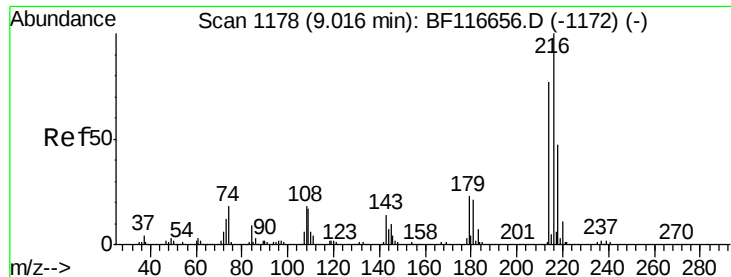
mohammad
8/31/2019 2:45:20 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	44.0	35.4	53.2





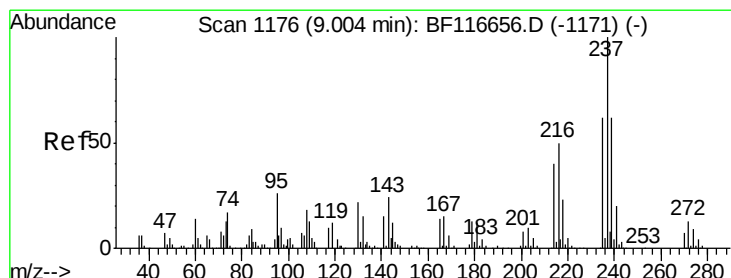
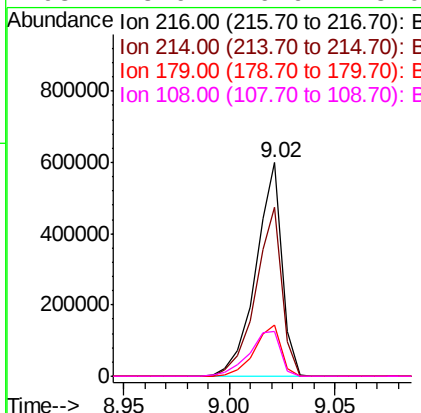
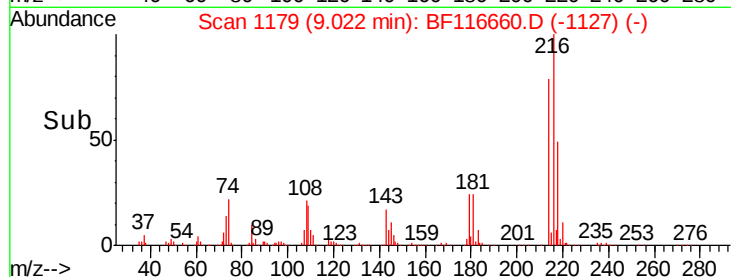
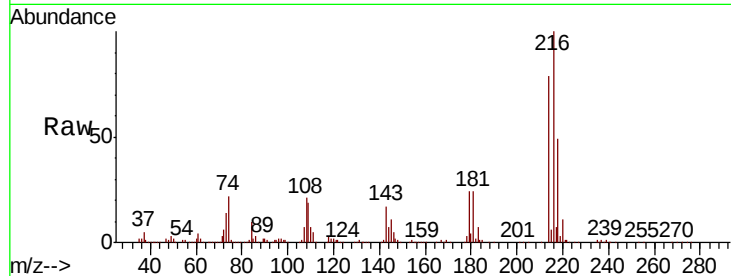
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.928 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		514837		
214	79.8	62.7	94.1		
179	24.7	19.3	28.9		
108	25.9	16.6	25.0		

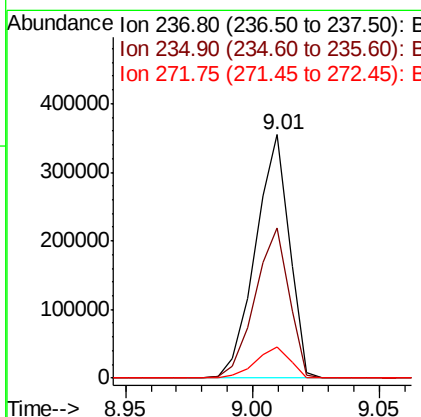
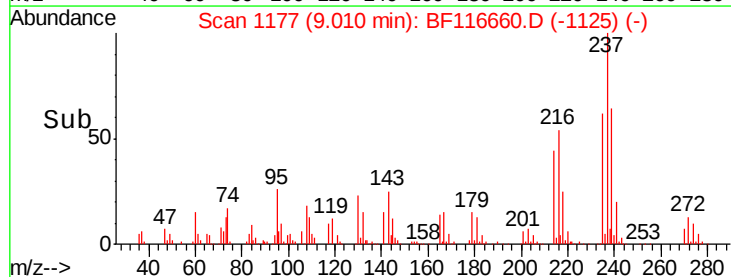
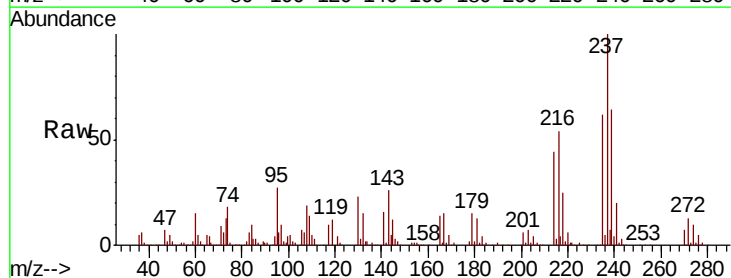
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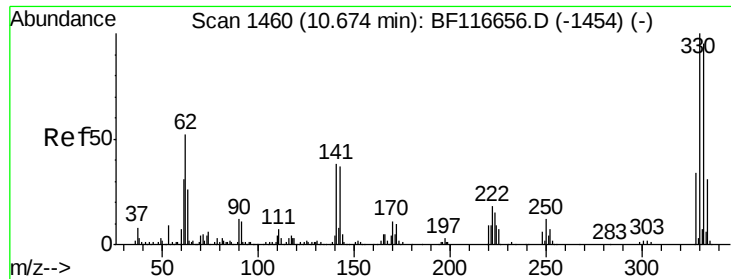
mohammad
 8/31/2019 2:45:20 PM



#41
 Hexachlorocyclopentadiene
 Concen: 64.622 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		330914		
235	61.9	41.4	81.4		
272	12.6	0.0	32.8		





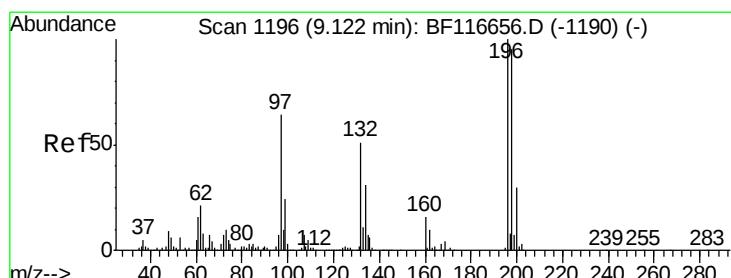
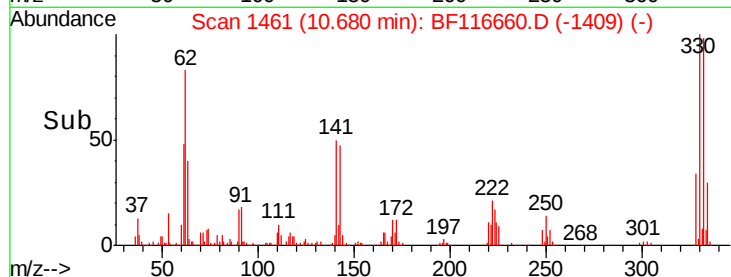
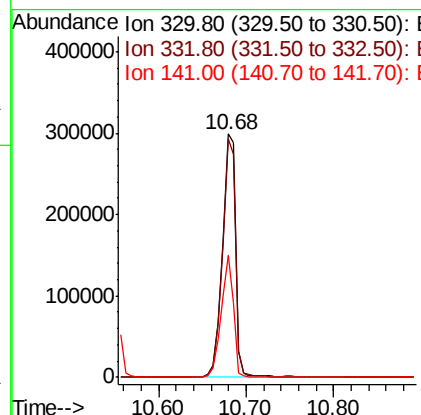
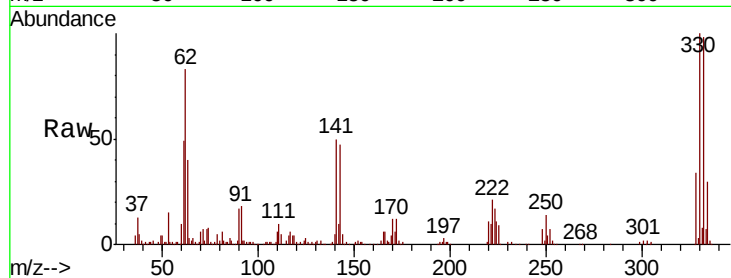
#42
 2,4,6-Tribromophenol
 Concen: 106.948 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.9	115.3	
141	46.2	31.4	47.2	

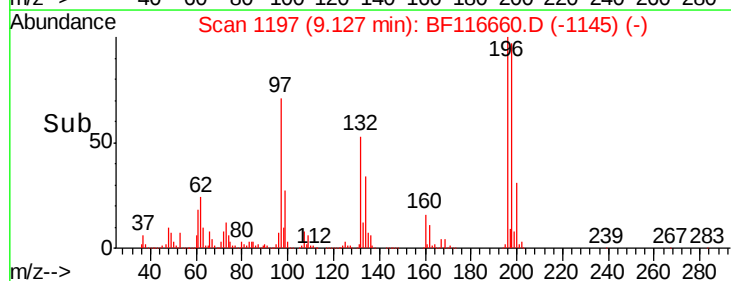
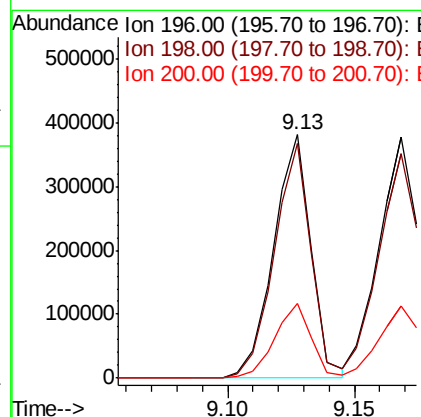
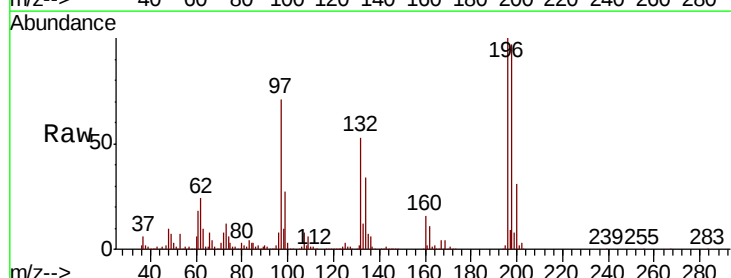
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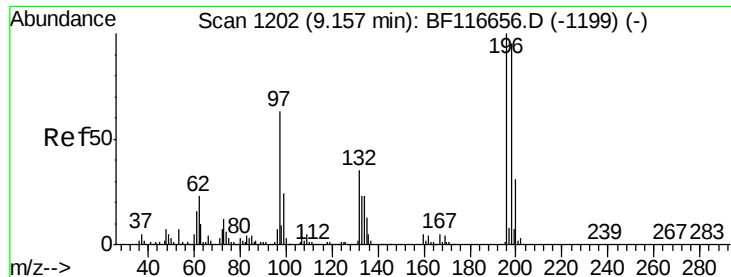
mohammad
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#43
 2,4,6-Trichlorophenol
 Concen: 66.557 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.6	79.1	118.7	
200	30.6	24.0	36.0	





#44

2,4,5-Trichlorophenol

Concen: 67.002 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

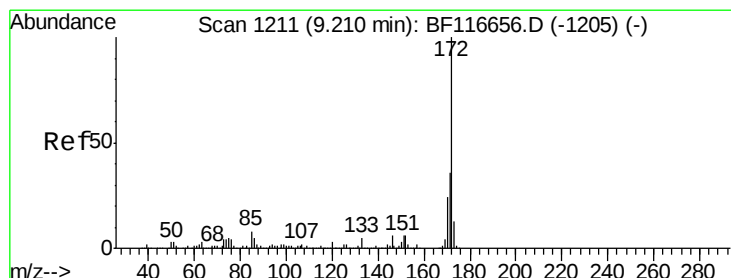
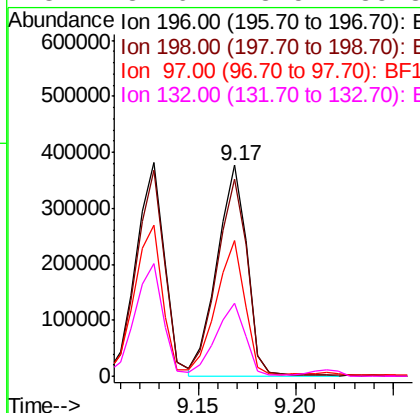
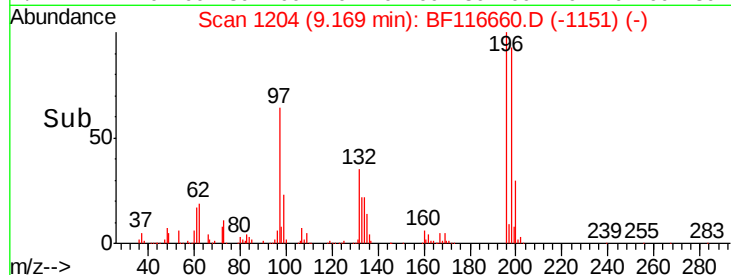
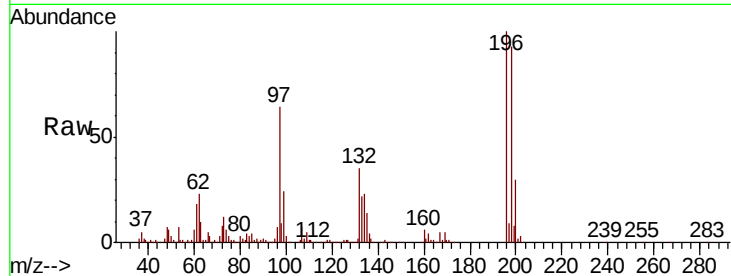
ClientSampleId :

SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		400970		
198	93.4	78.1	117.1		
97	64.3	41.6	62.4		
132	34.6	23.5	35.3		

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#45

2-Fluorobiphenyl

Concen: 122.598 ng

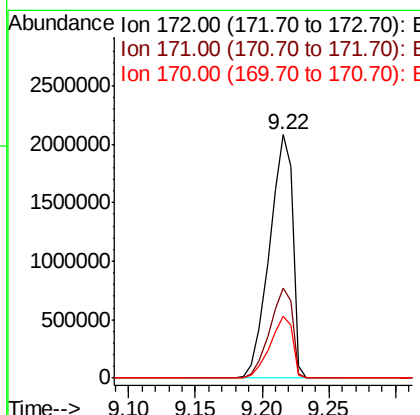
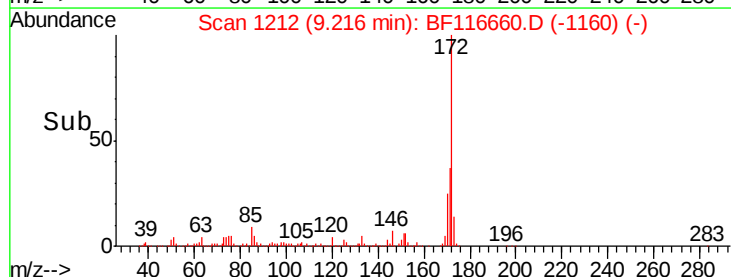
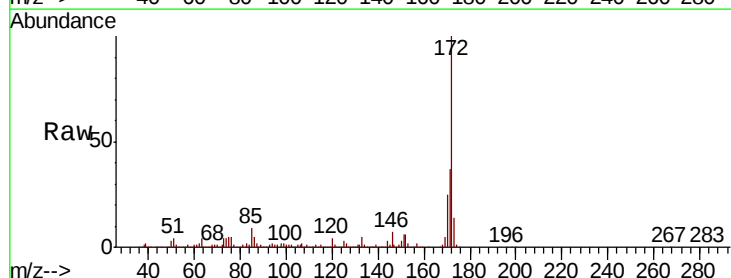
RT: 9.22 min Scan# 1212

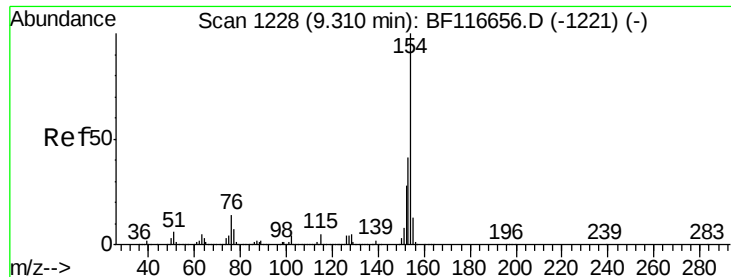
Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2515096		
171	37.2	27.8	41.6		
170	25.2	18.9	28.3		





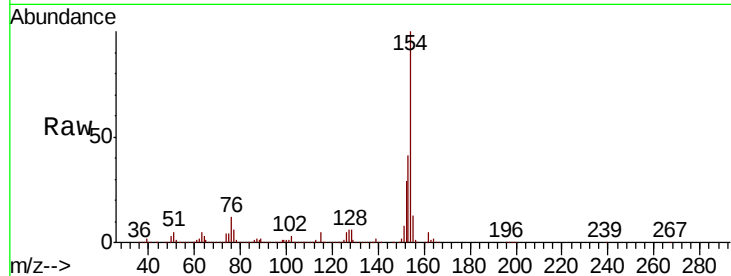
#46
 1,1'-Biphenyl
 Concen: 65.978 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	12.2	0.0	30.9

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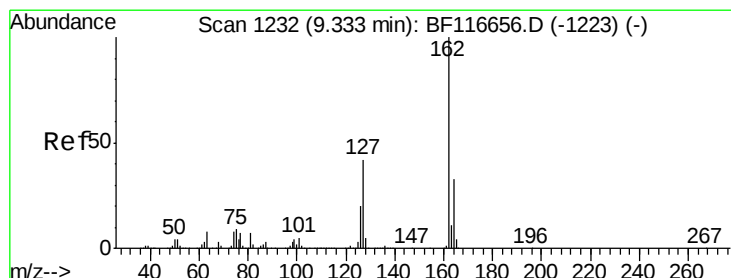
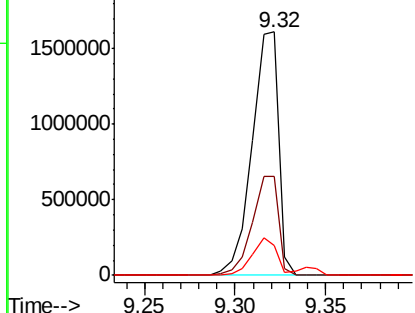
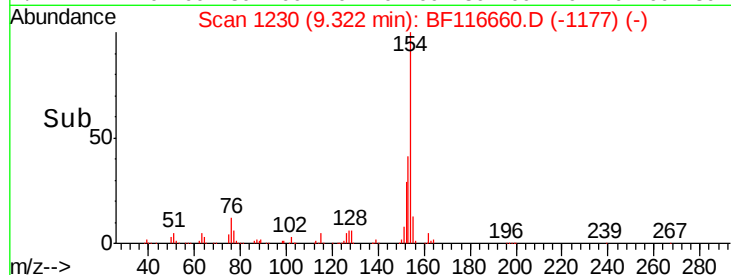


Abundance

Ion 154.00 (153.70 to 154.70): E

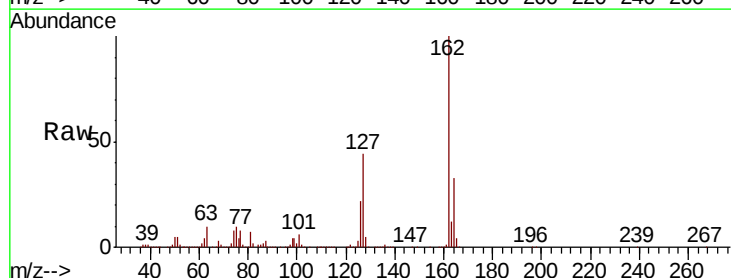
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 68.995 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.4	33.4	50.2
164	33.0	26.6	39.8

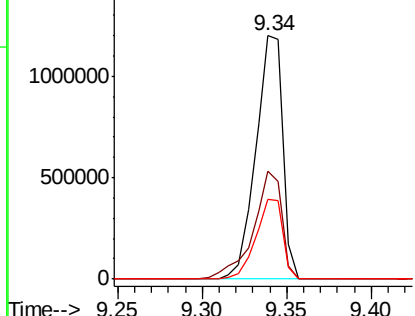
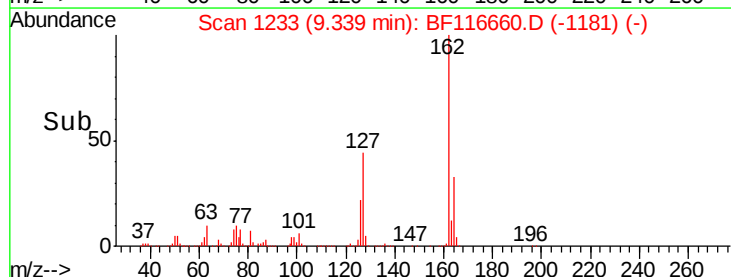


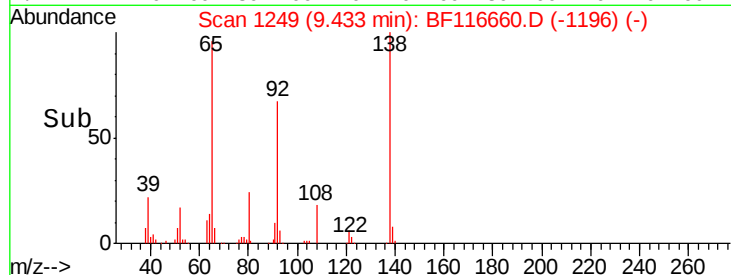
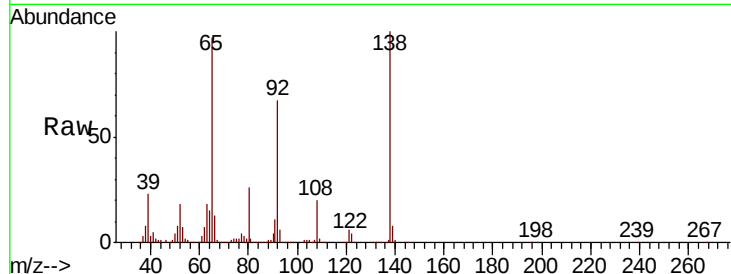
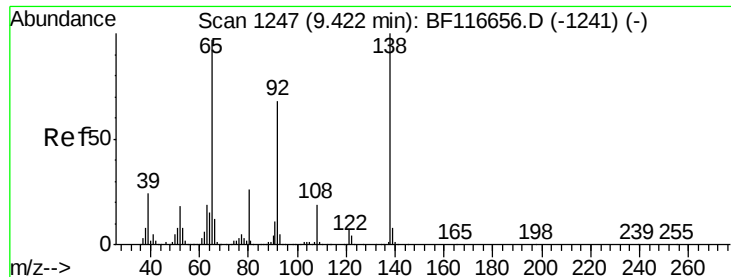
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





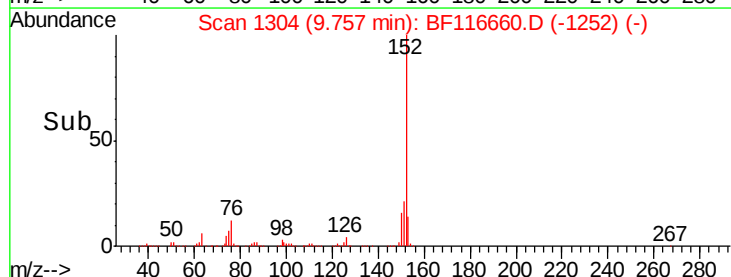
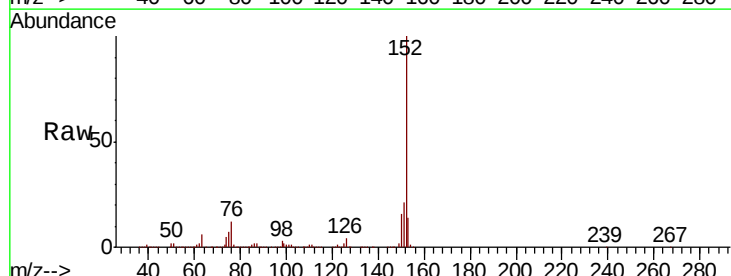
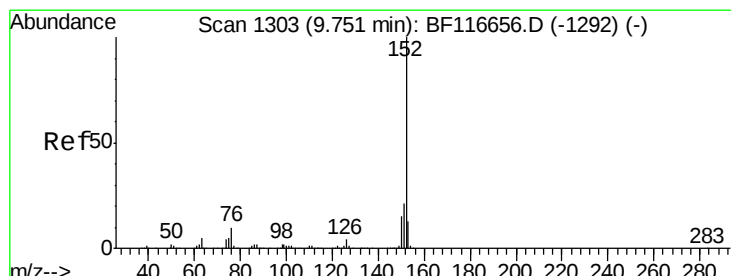
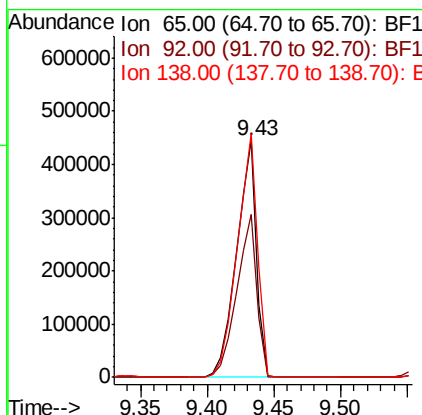
#48
2-Nitroaniline
Concen: 78.367 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tot Ion:	65	Resp:	462695
Ion Ratio	Lower	Upper	
65	100		
92	68.9	57.1	85.7
138	102.8	88.2	132.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

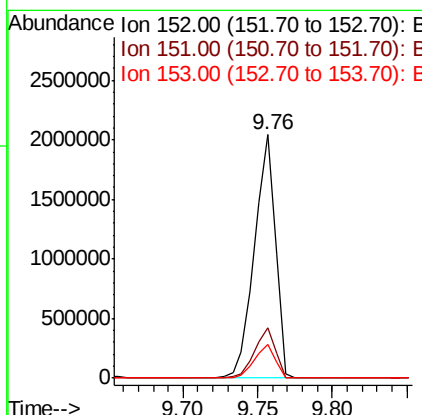
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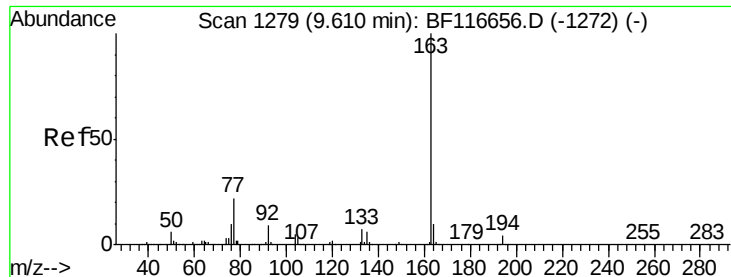
mohammad
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#49
Acenaphthylene
Concen: 75.331 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:	152	Resp:	1972775
Ion Ratio	Lower	Upper	
152	100		
151	20.9	15.9	23.9
153	13.7	10.9	16.3





#50

Dimethylphthalate

Concen: 71.666 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:163 Resp: 1571953

Ion Ratio Lower Upper

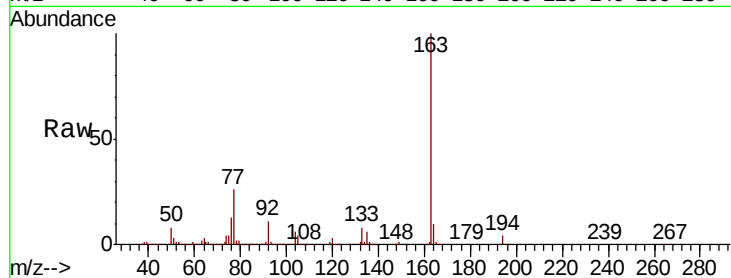
163 100

194 3.7 2.8 4.2

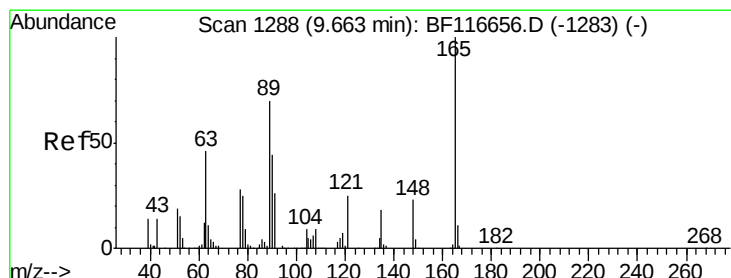
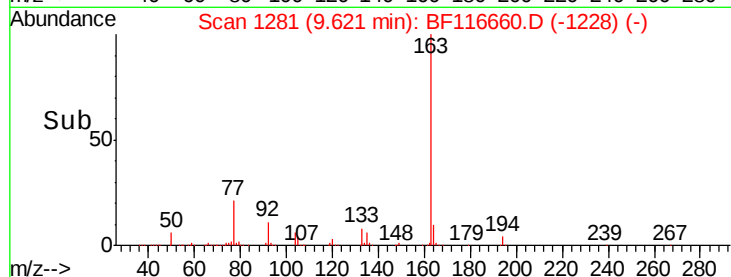
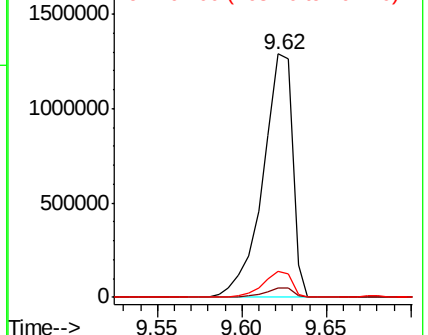
164 10.4 8.6 12.8

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



#51

2,6-Dinitrotoluene

Concen: 74.752 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

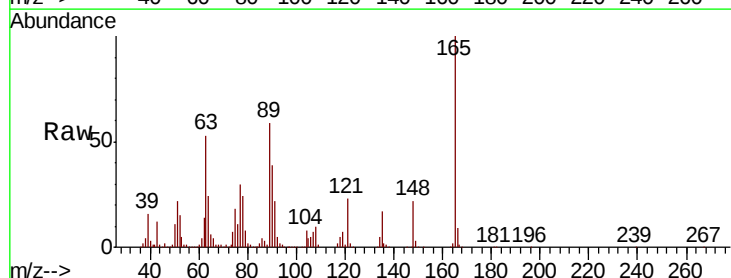
Tgt Ion:165 Resp: 337263

Ion Ratio Lower Upper

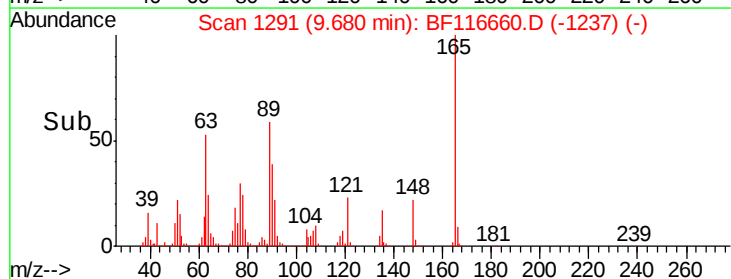
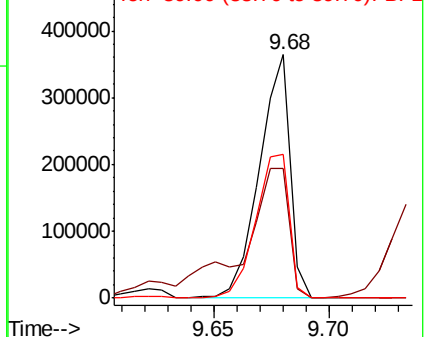
165 100

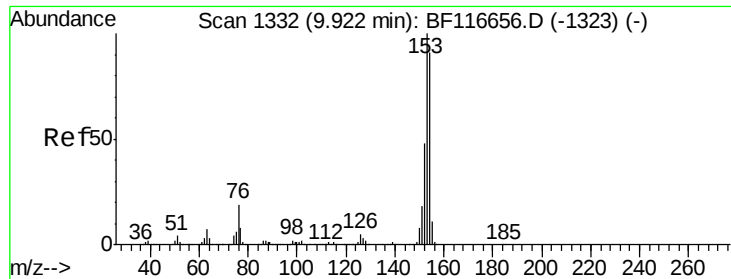
63 53.0 47.3 70.9

89 59.2 52.5 78.7



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: 78.593 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:154 Resp: 1250947

Ion Ratio Lower Upper

154 100

153 112.1 89.5 134.3

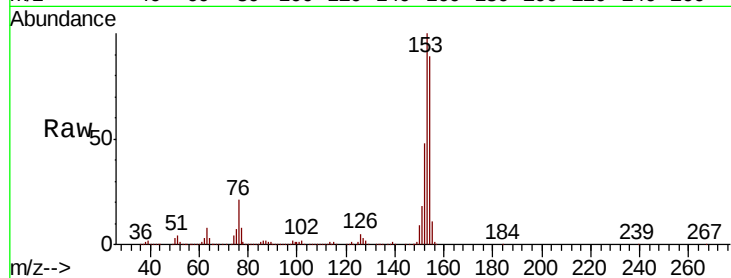
152 54.1 41.9 62.9

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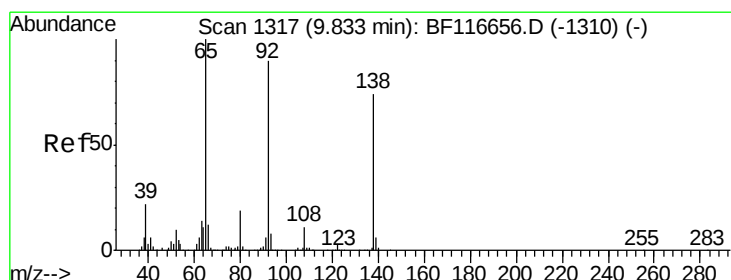
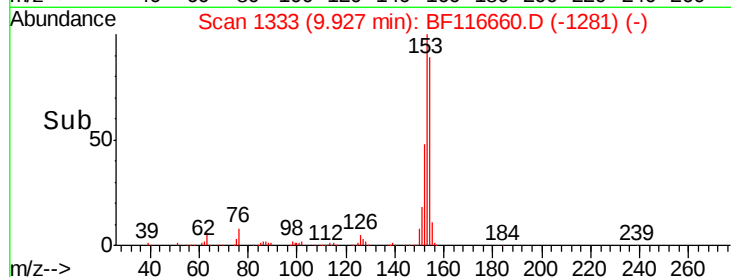
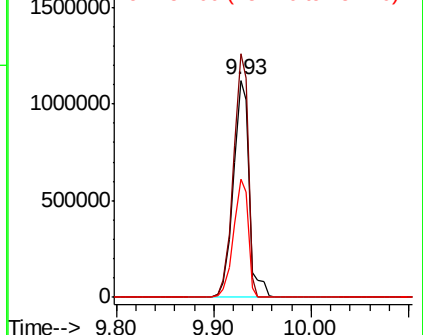
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 84.235 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

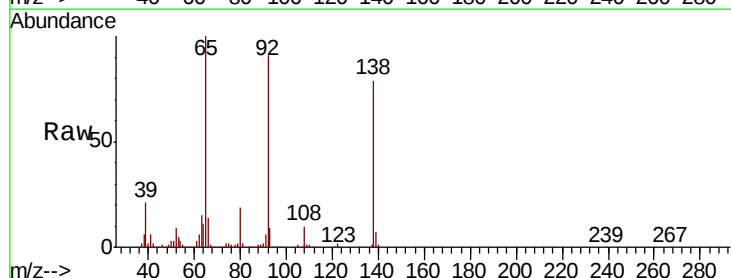
Tgt Ion:138 Resp: 414112

Ion Ratio Lower Upper

138 100

108 12.4 8.5 12.7

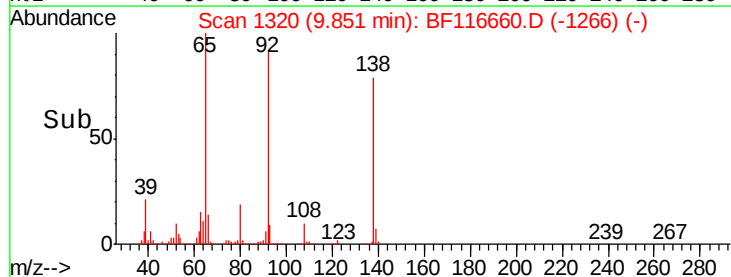
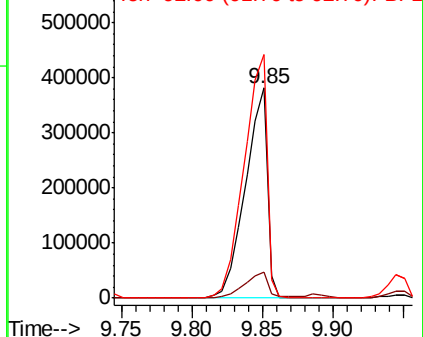
92 115.8 87.2 130.8

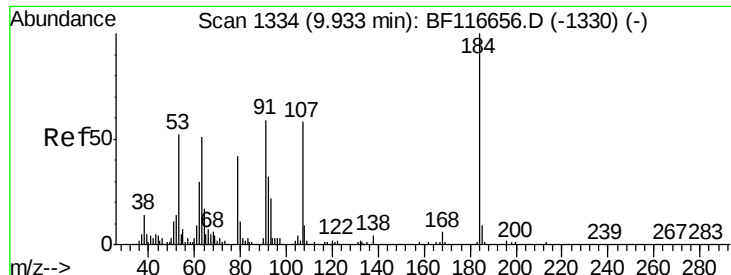


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





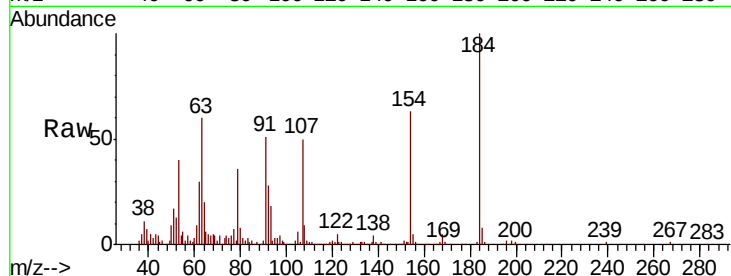
#54
2,4-Dinitrophenol
Concen: 66.926 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
184	100	125894		
63	60.4	52.2	78.2	
154	63.3	60.8	91.2	

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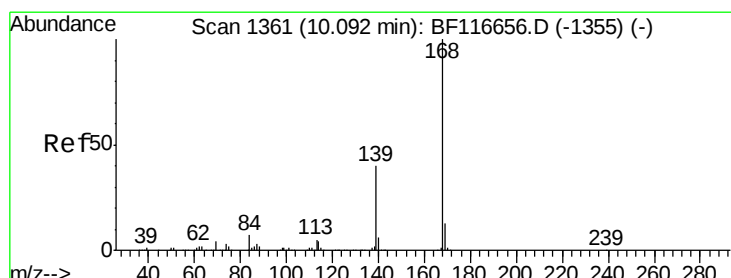
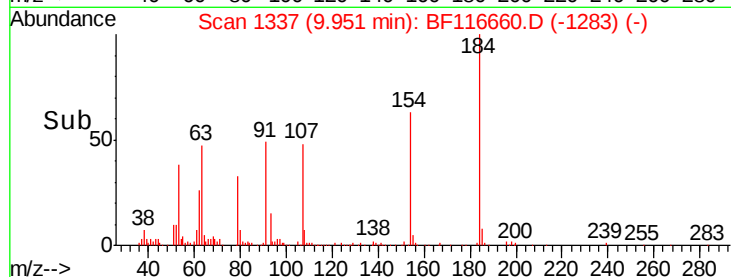
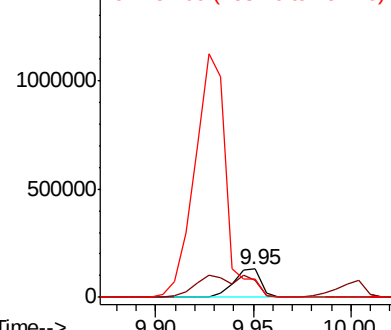


Abundance

Ion 184.00 (183.70 to 184.70): E

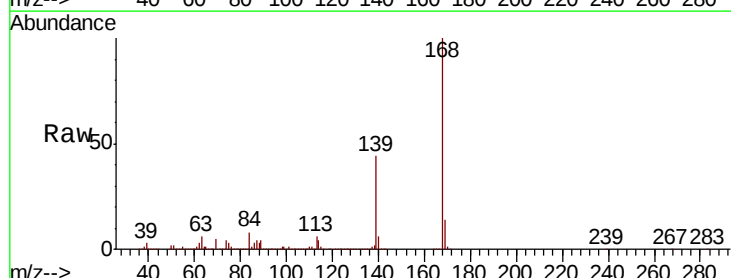
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 70.894 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1709121		
139	43.6	31.5	47.3	
169	14.1	10.3	15.5	

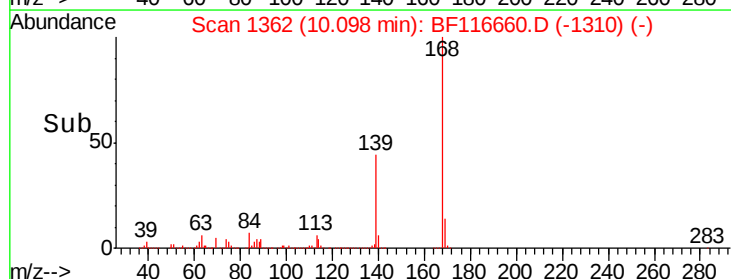
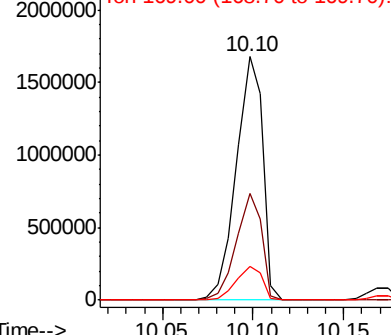


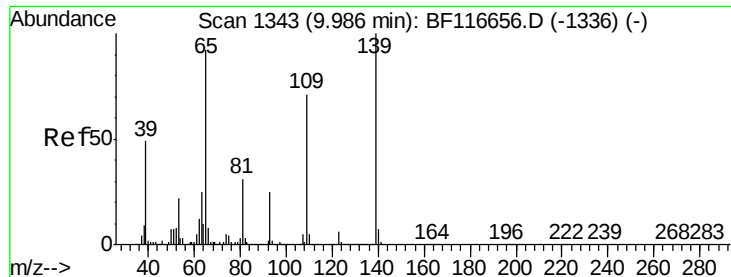
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





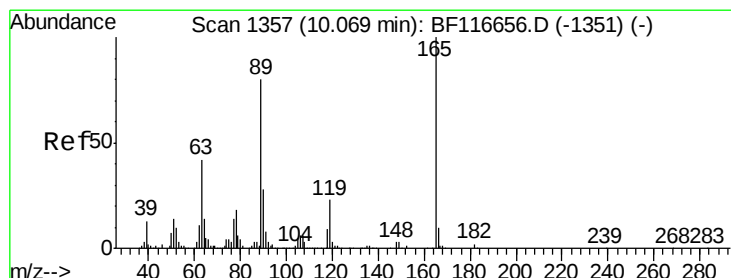
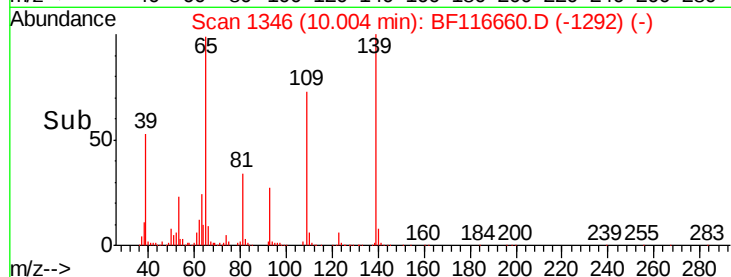
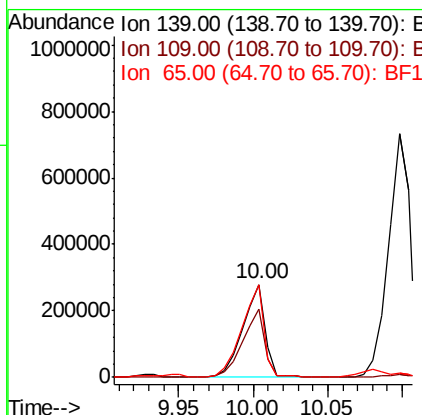
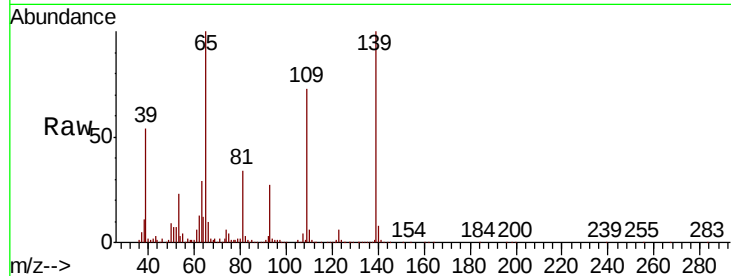
#56
4-Nitrophenol
Concen: 85.777 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
139	100	289810		
109	73.4	61.7	101.7	
65	99.5	89.1	129.1	

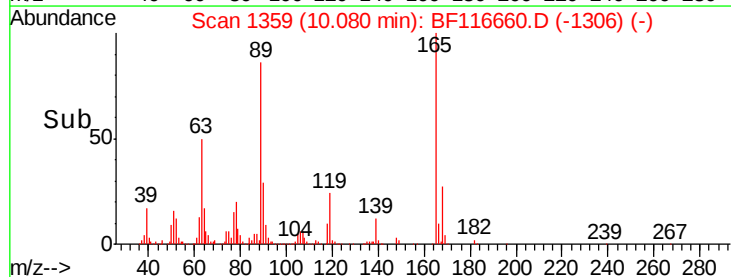
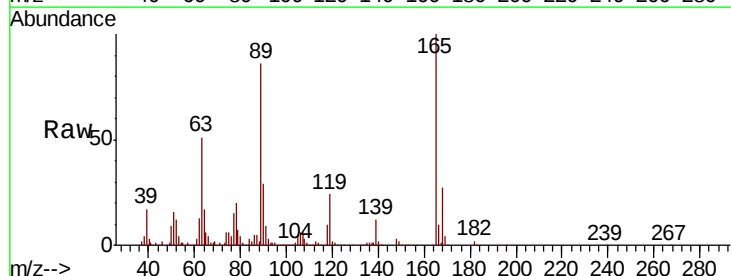
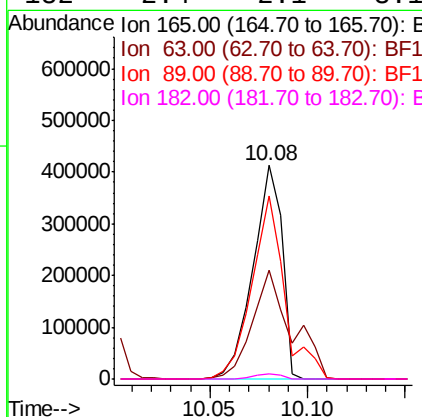
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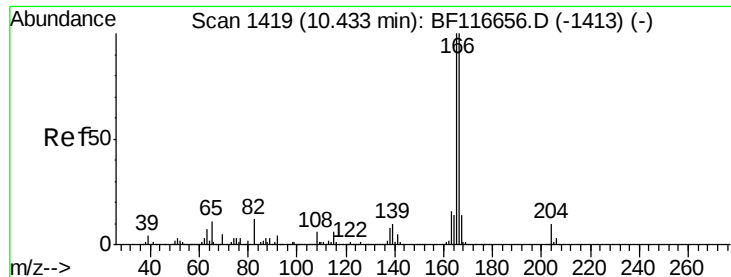
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#57
2,4-Dinitrotoluene
Concen: 76.424 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	426176		
63	50.8	36.4	54.6	
89	85.7	62.6	94.0	
182	2.4	2.1	3.1	





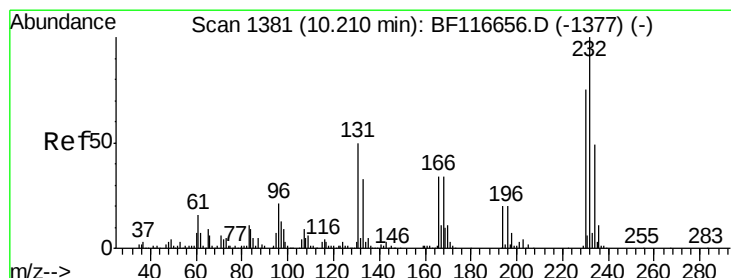
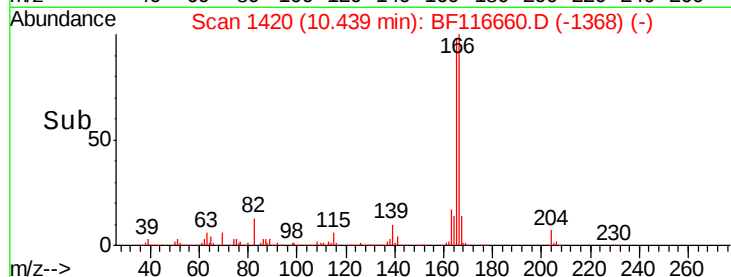
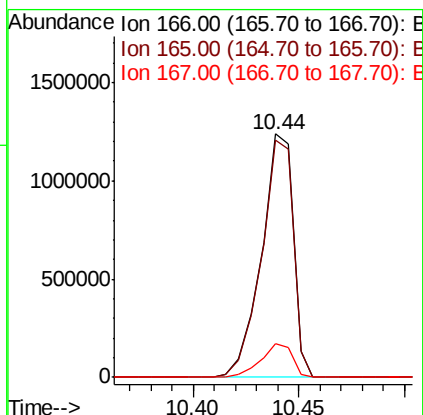
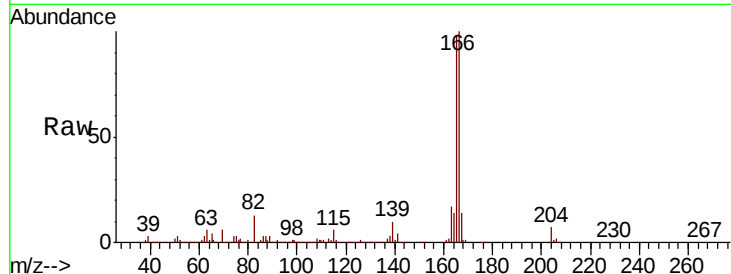
#58
 Fluorene
 Concen: 66.794 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.8	118.2
167	13.6	10.0	15.0

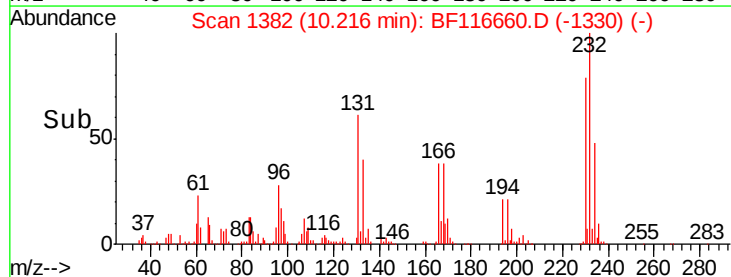
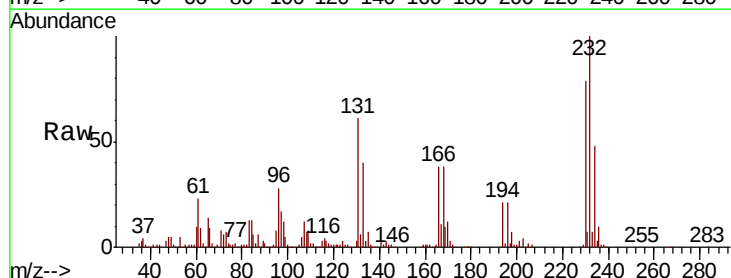
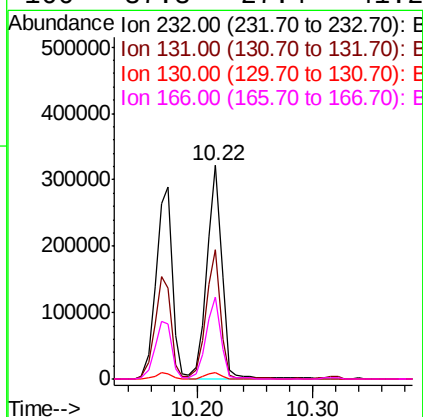
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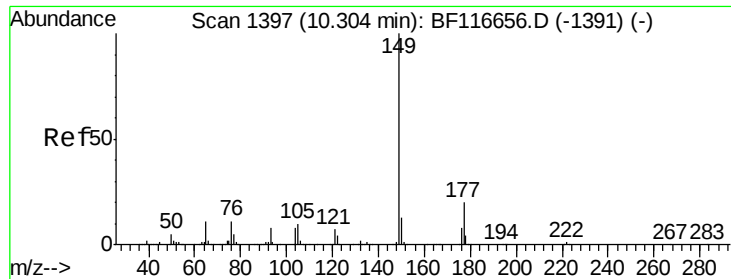
mohammad
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 63.004 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.6	42.7	64.1
130	3.0	1.9	2.9#
166	37.3	27.4	41.2





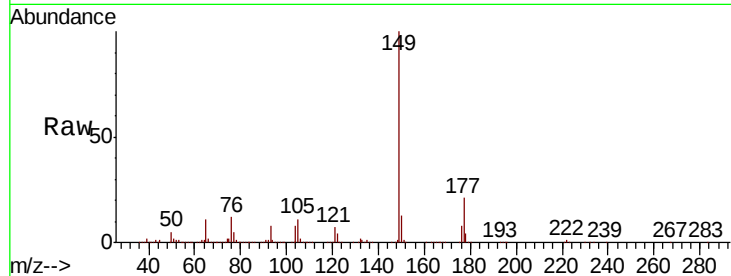
#60
Diethylphthalate
Concen: 73.924 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.2	25.8
150	12.7	9.7	14.5

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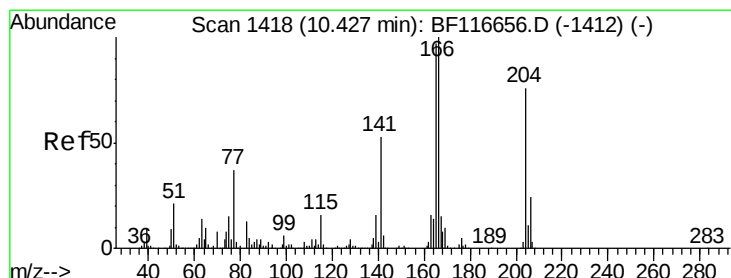
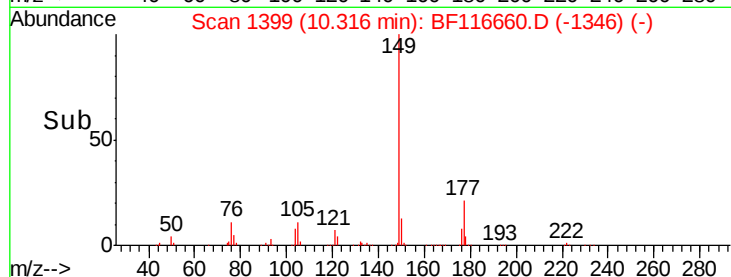
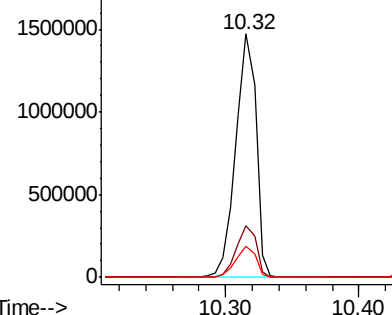


Abundance

Ion 149.00 (148.70 to 149.70): E

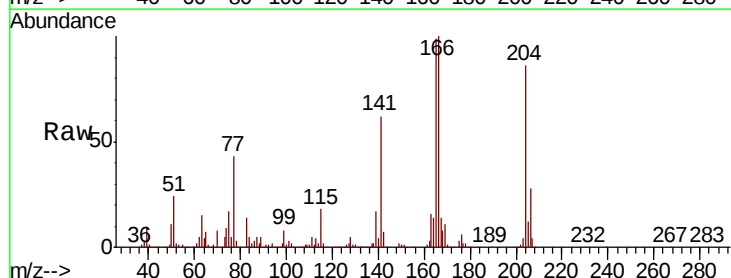
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61
4-Chlorophenyl-phenylether
Concen: 58.031 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.4	38.2
141	71.5	53.8	80.8

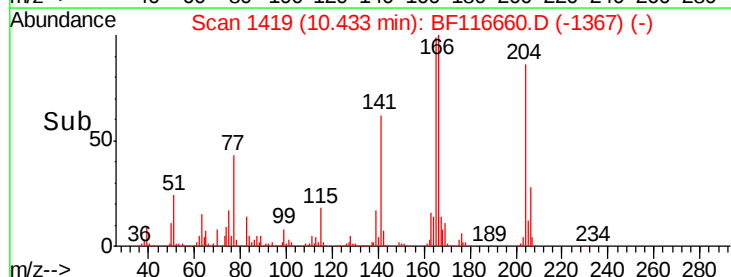
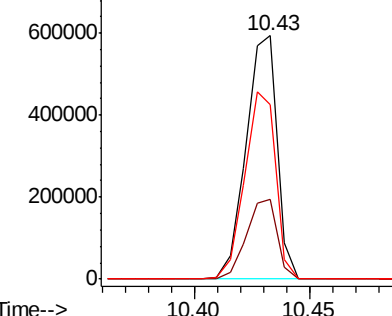


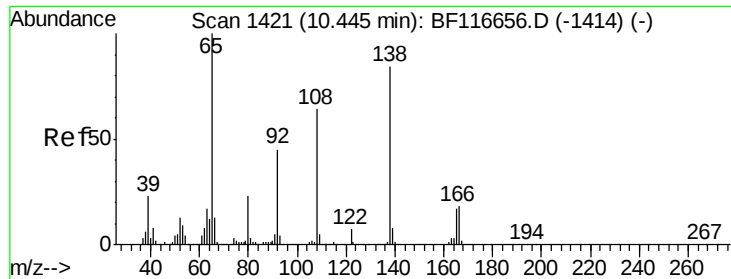
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





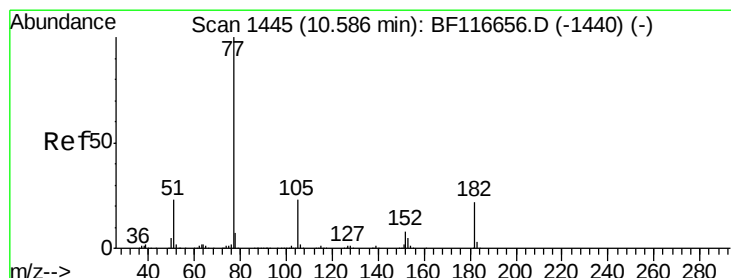
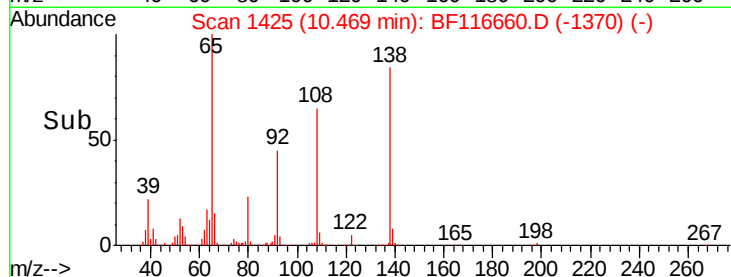
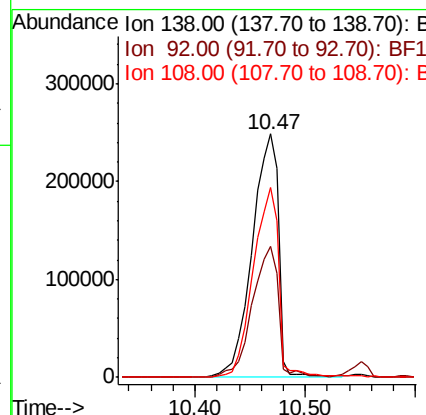
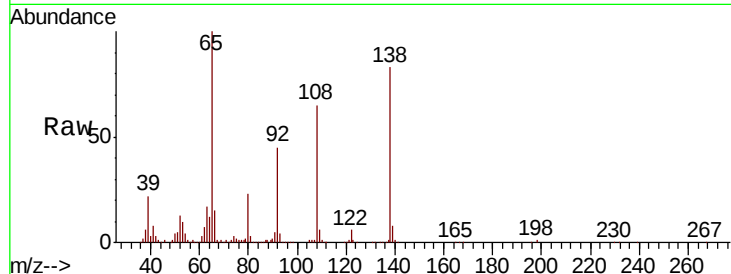
#62
4-Nitroaniline
Concen: 78.180 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.6	28.7	68.7
108	78.2	60.4	100.4

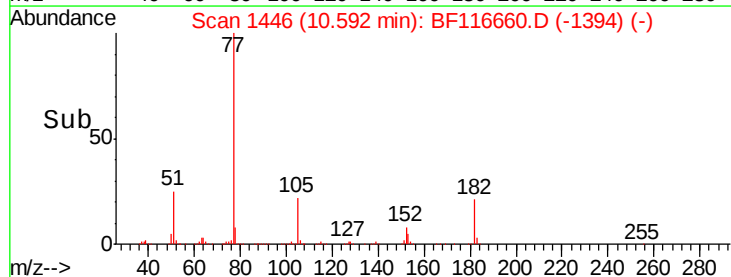
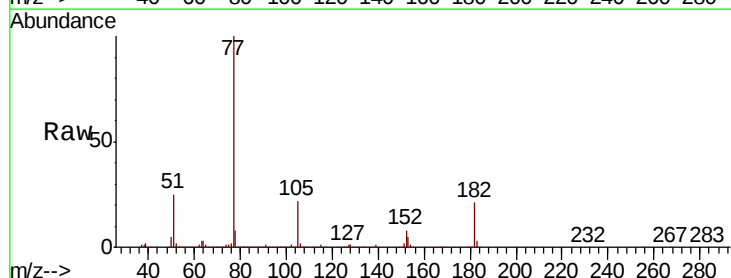
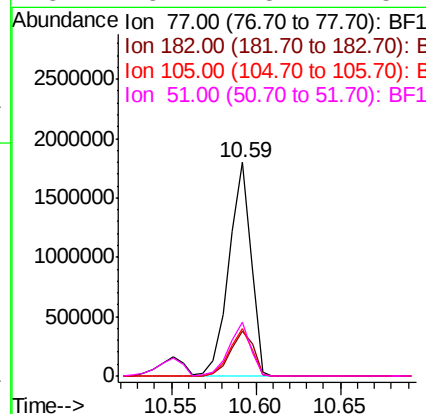
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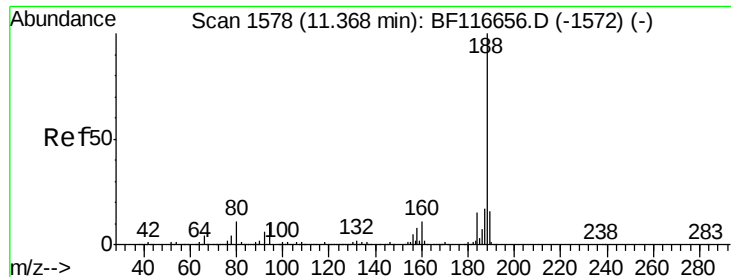
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#63
Azobenzene
Concen: 78.695 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.2	41.2
105	22.0	0.6	40.6
51	25.4	8.2	48.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

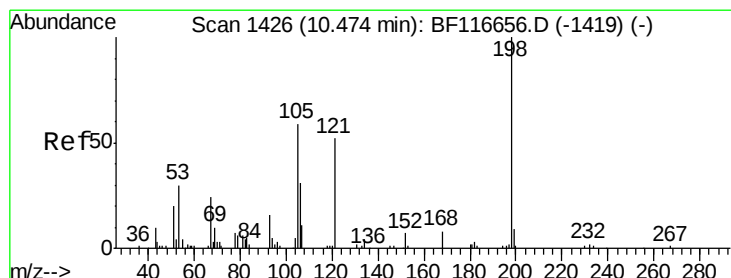
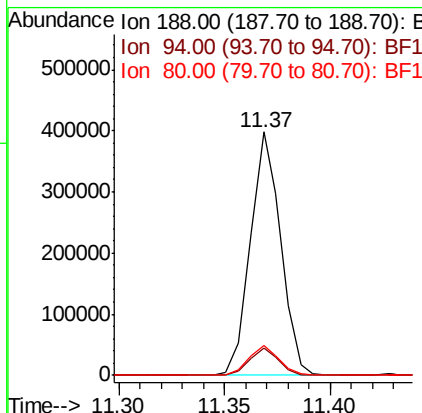
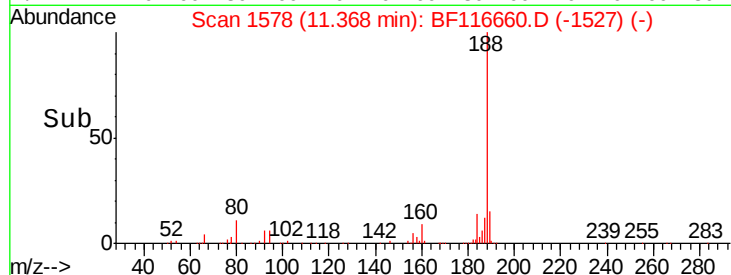
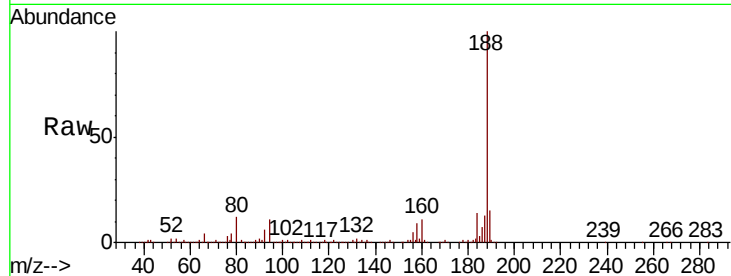
ClientSampleId :

SSTDIC100

Tot Ion:	188	Resp:	395773
Ion Ratio	Lower	Upper	
188	100		
94	11.4	7.3	10.9#
80	12.0	8.4	12.6

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#65

4,6-Dinitro-2-methylphenol

Concen: 75.404 ng

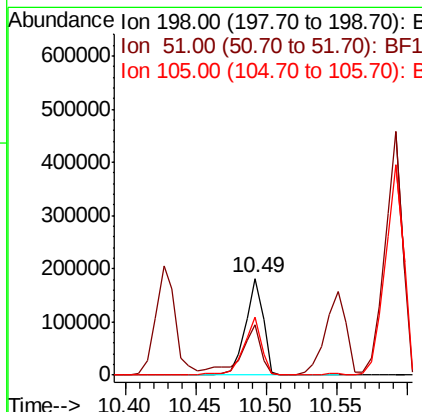
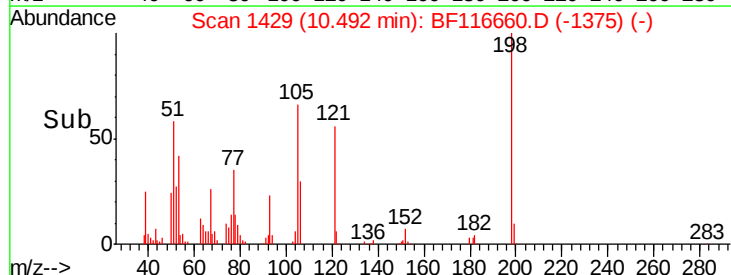
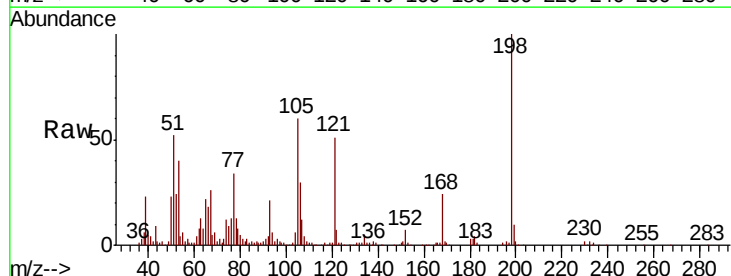
RT: 10.49 min Scan# 1429

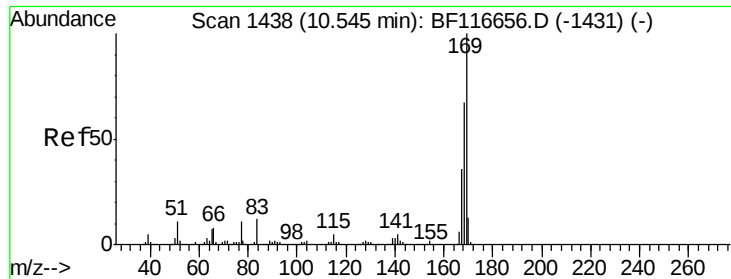
Delta R.T. 0.02 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Tgt Ion:	198	Resp:	161085
Ion Ratio	Lower	Upper	
198	100		
51	52.4	18.4	58.4
105	59.7	22.9	62.9





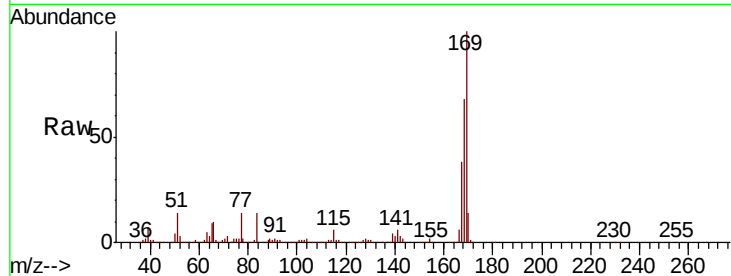
#66
 n-Nitrosodiphenylamine
 Concen: 91.898 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

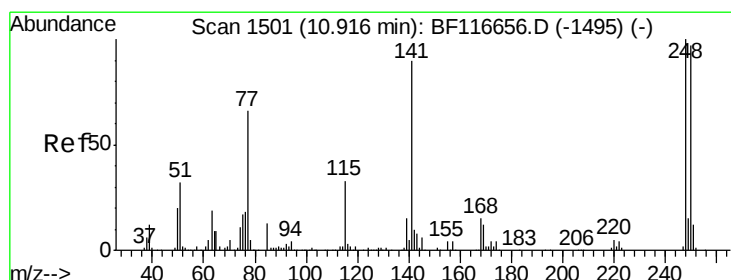
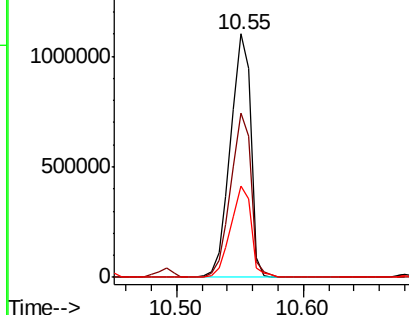
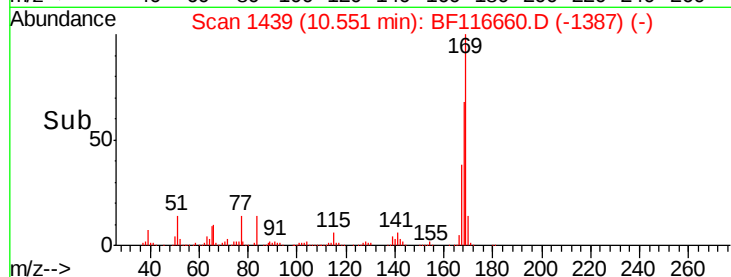
Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.6	55.8	83.6	
167	37.6	29.4	44.2	

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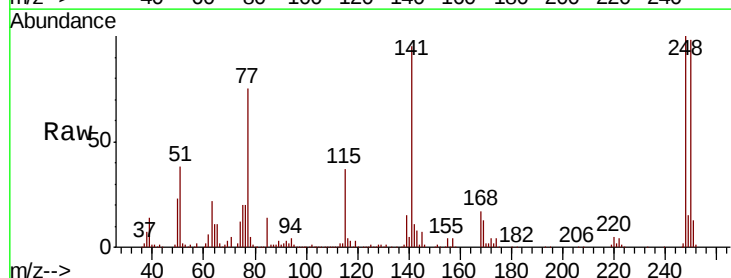


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

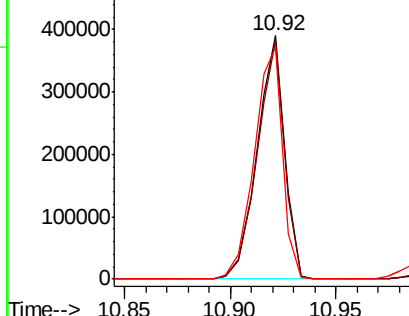
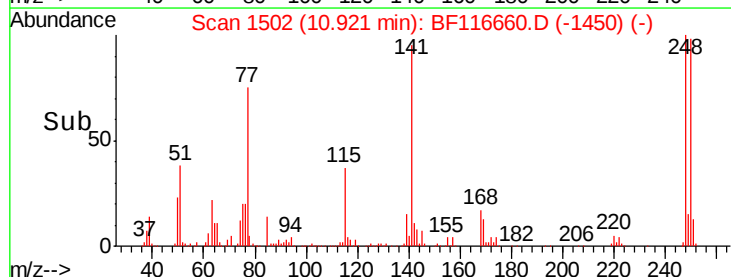


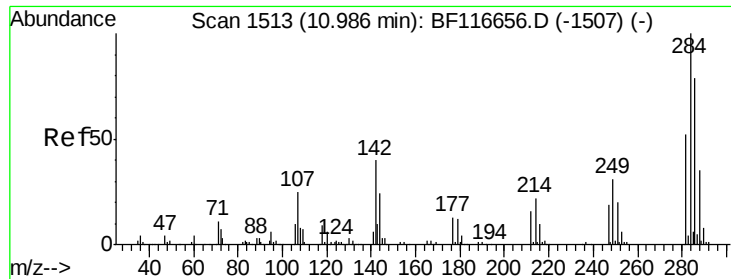
#67
 4-Bromophenyl-phenylether
 Concen: 78.131 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	98.0	77.8	116.8	
141	95.1	75.9	113.9	



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





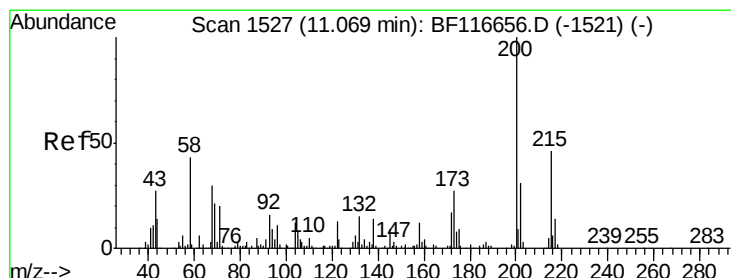
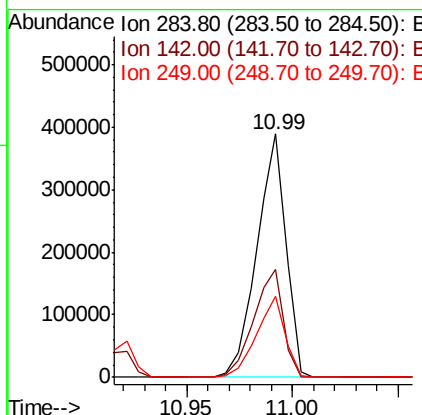
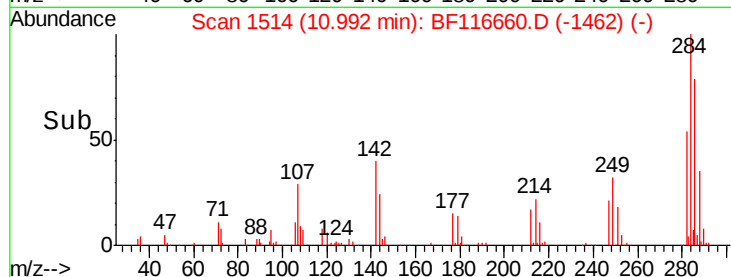
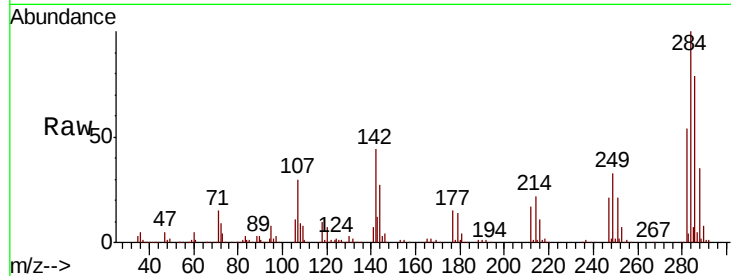
#68
Hexachlorobenzene
Concen: 74.811 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion:	284	Resp:	371039
Ion Ratio	Lower	Upper	
284	100		
142	44.4	34.0	51.0
249	33.0	26.4	39.6

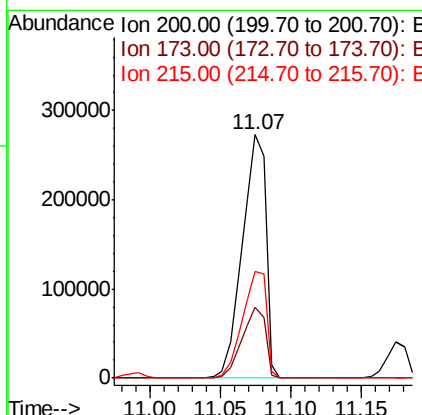
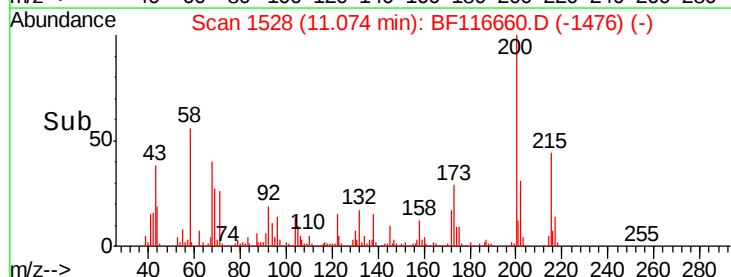
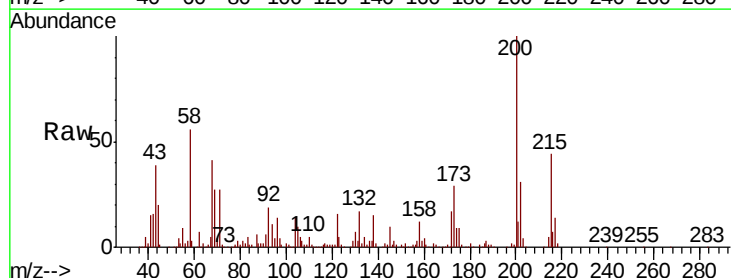
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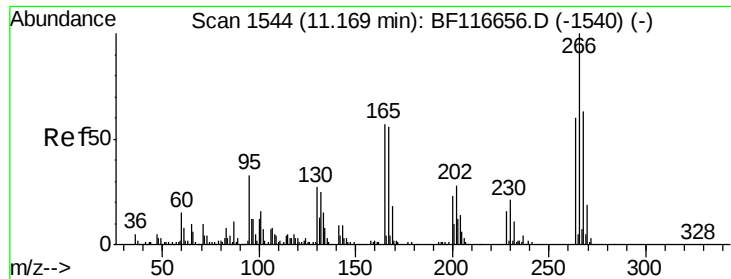
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#69
Atrazine
Concen: 79.536 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:	200	Resp:	318352
Ion Ratio	Lower	Upper	
200	100		
173	29.2	6.2	46.2
215	44.0	24.3	64.3





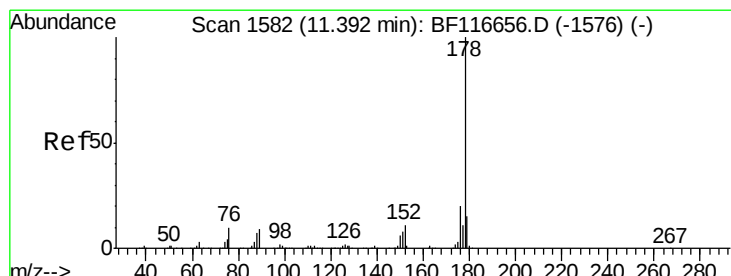
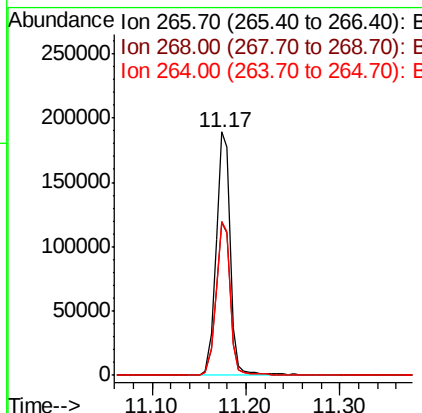
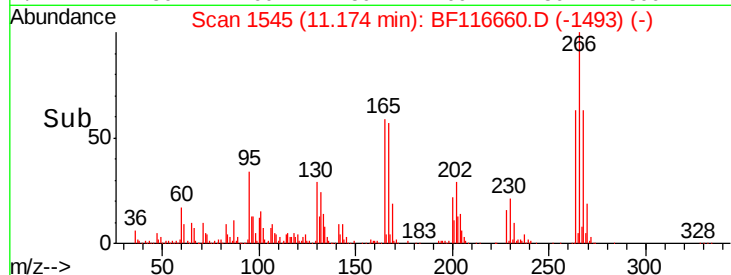
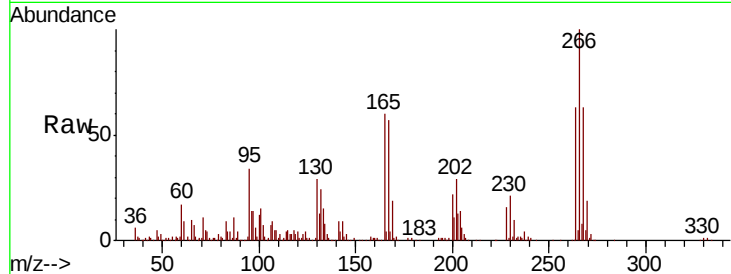
#70
 Pentachlorophenol
 Concen: 69.793 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
266	100		202578		
268	62.8	51.2	76.8		
264	63.4	51.9	77.9		

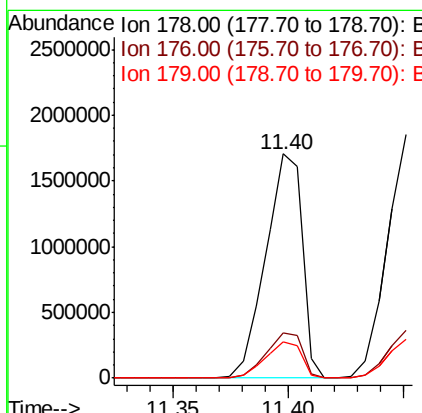
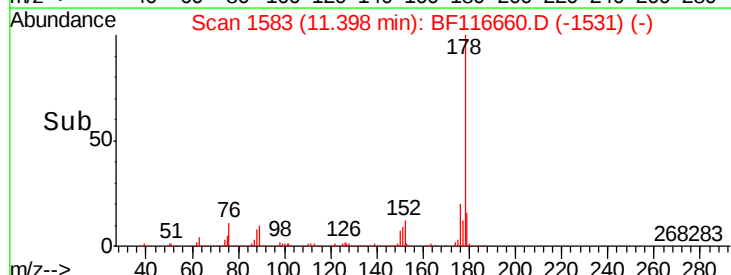
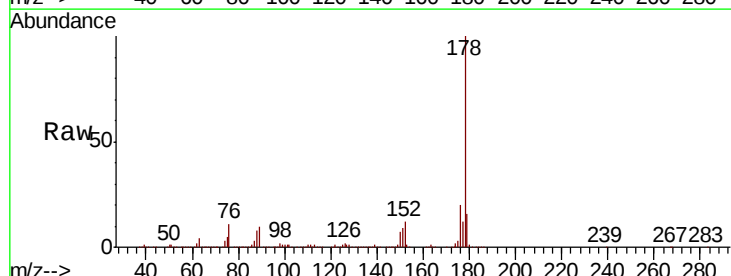
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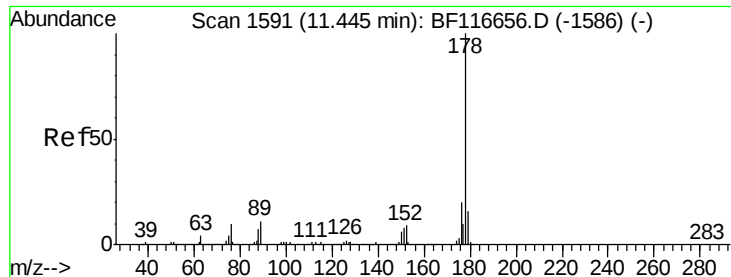
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#71
 Phenanthrene
 Concen: 84.283 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		1874160		
176	20.4	15.4	23.0		
179	16.1	12.2	18.2		





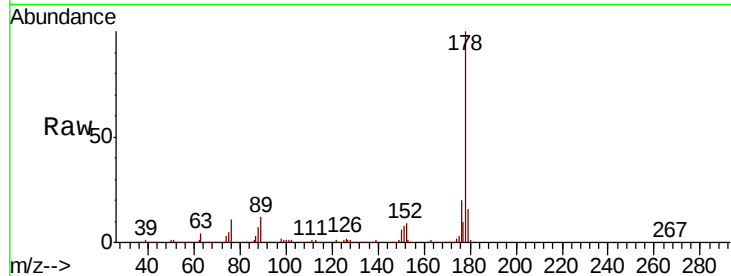
#72
 Anthracene
 Concen: 83.314 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.6	15.4	23.0	
179	16.1	12.5	18.7	

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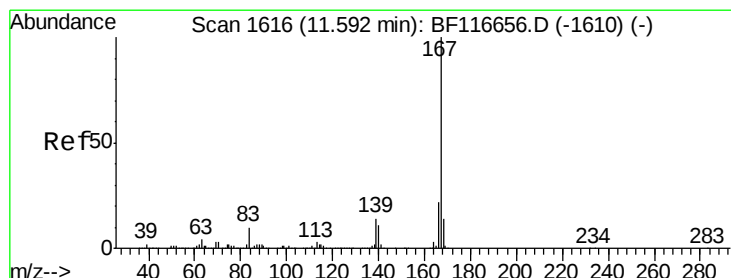
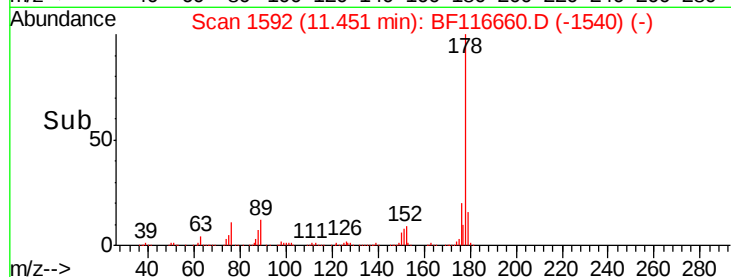
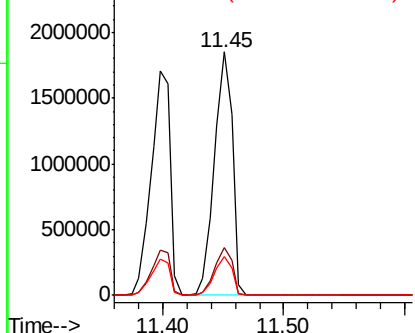


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73
 Carbazole
 Concen: 88.908 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

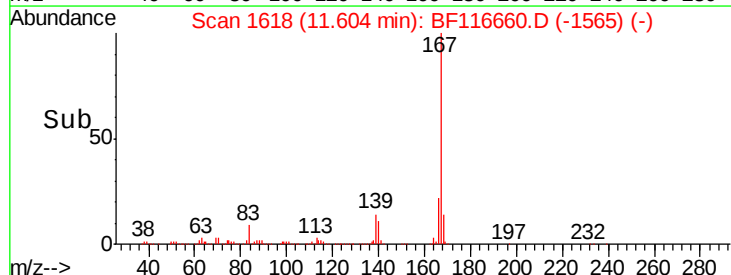
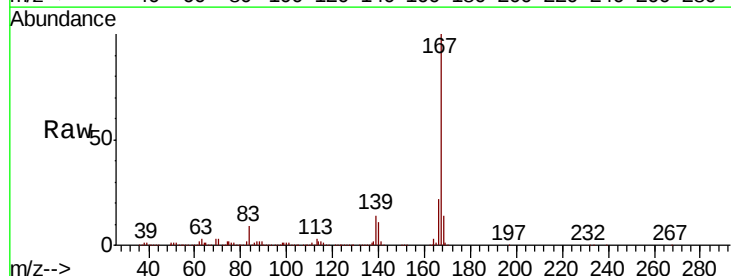
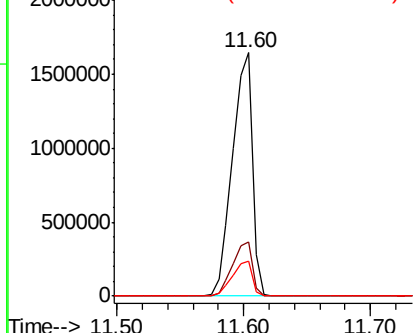
Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.4	17.8	26.6	
139	14.3	11.1	16.7	

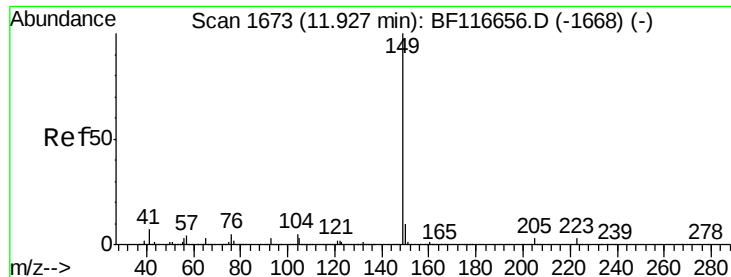
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 85.446 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:149 Resp: 2257858

Ion Ratio Lower Upper

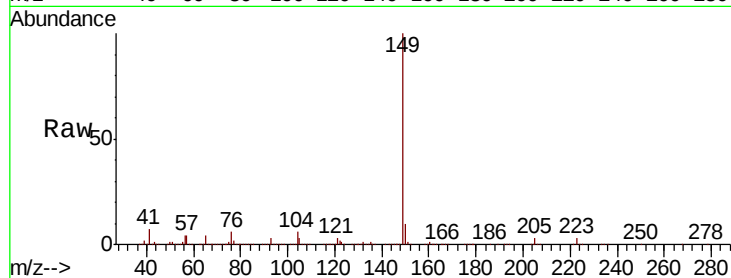
149 100

150 10.0 7.2 10.8

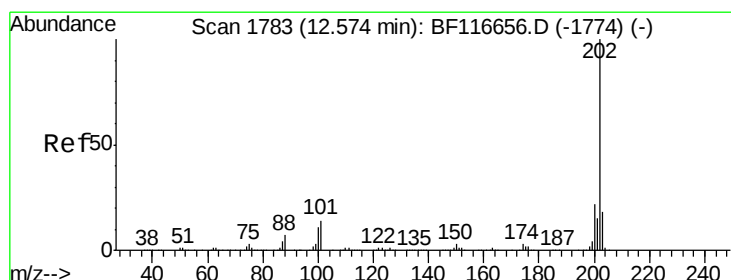
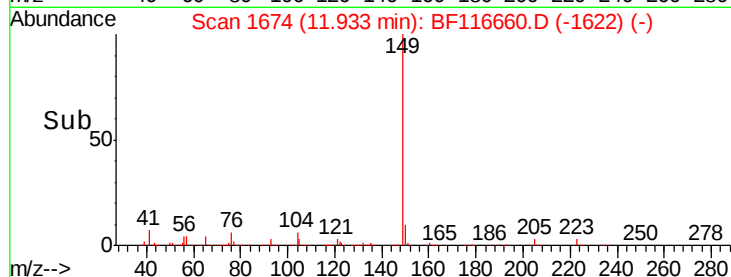
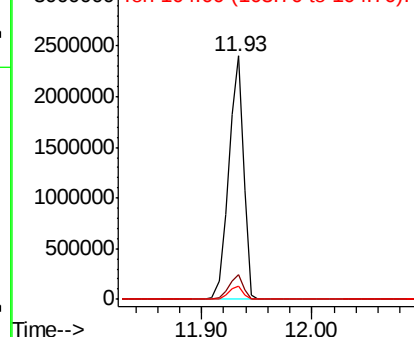
104 5.6 4.2 6.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 78.490 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

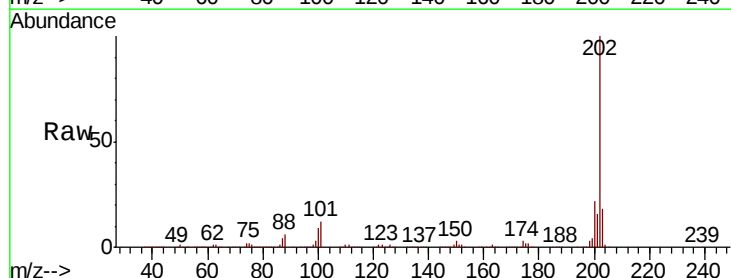
Tgt Ion:202 Resp: 1780472

Ion Ratio Lower Upper

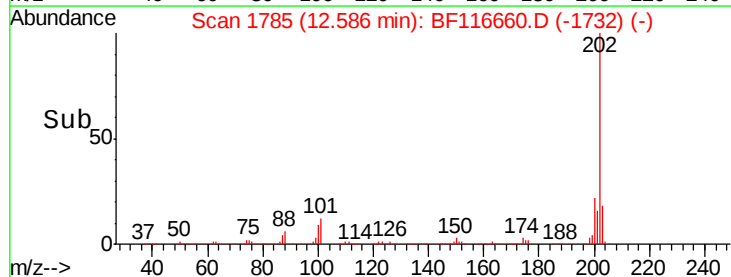
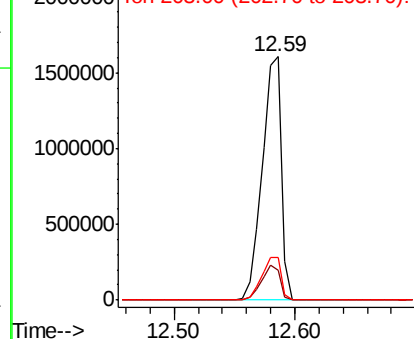
202 100

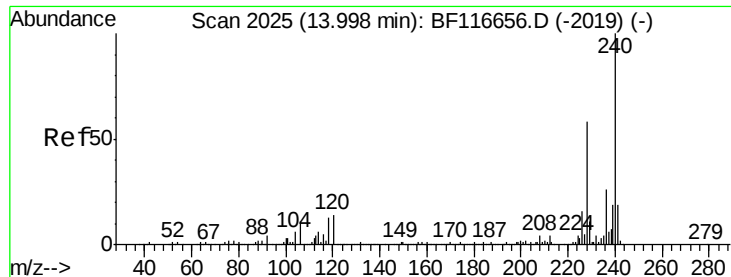
101 12.5 0.0 31.3

203 17.6 0.0 37.6



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





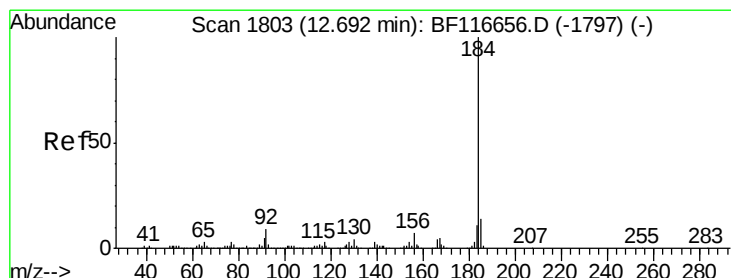
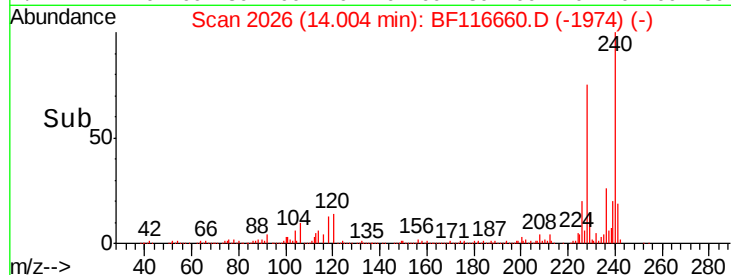
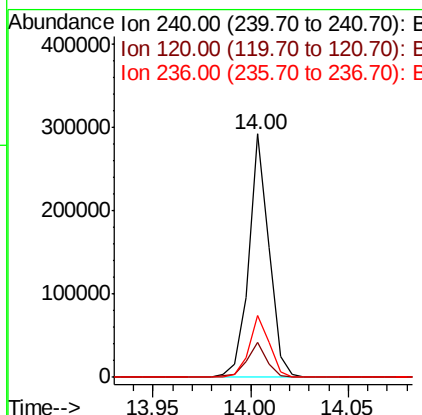
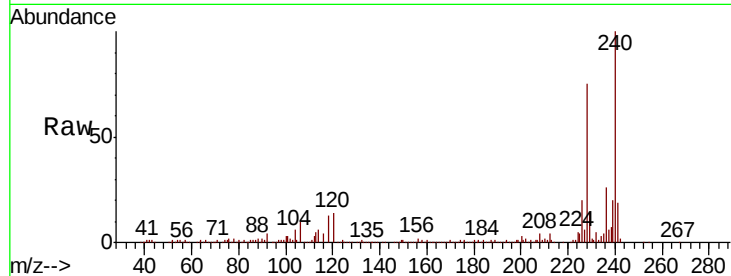
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
240	100	209447		
120	14.2	9.1	13.7#	
236	25.5	21.1	31.7	

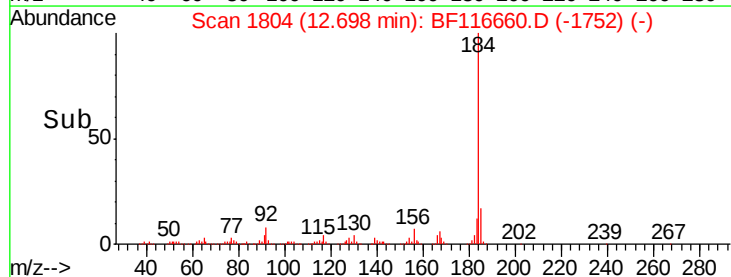
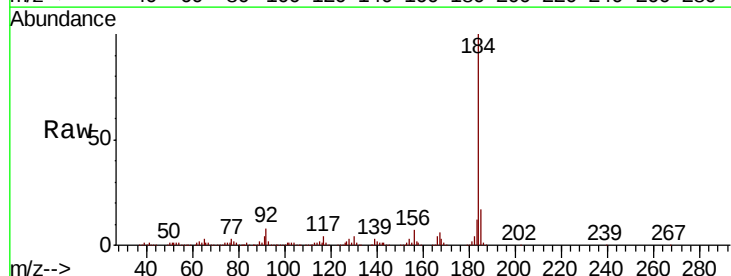
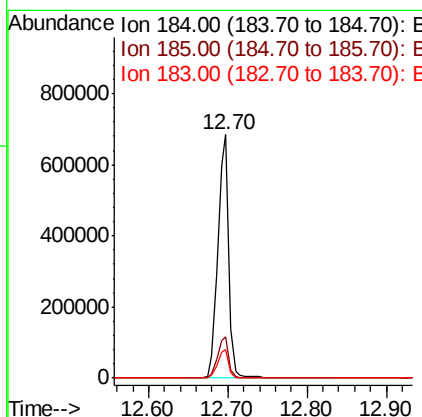
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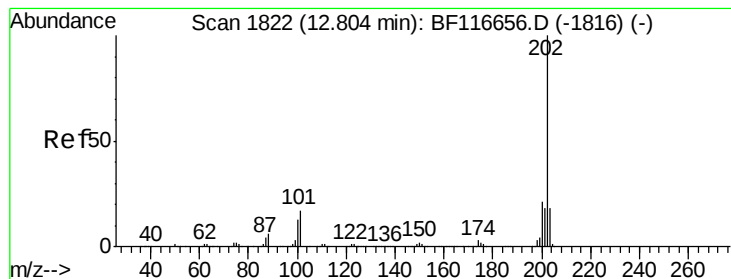
mohammad
 8/31/2019 2:45:20 PM



#77
 Benzidine
 Concen: 91.558 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	652505		
185	17.1	11.3	16.9#	
183	11.9	9.2	13.8	





#78

Pvrene

Concen: 87.466 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion:202 Resp: 1784003

Ion Ratio Lower Upper

202 100

200 22.2 16.5 24.7

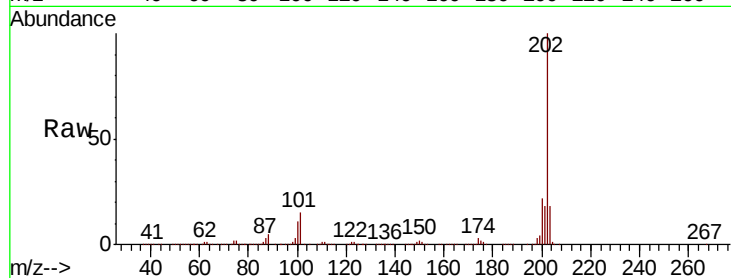
203 17.9 13.7 20.5

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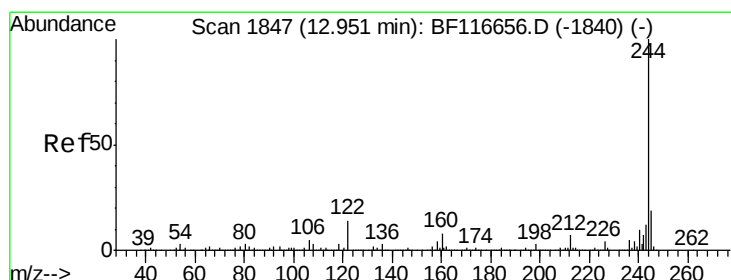
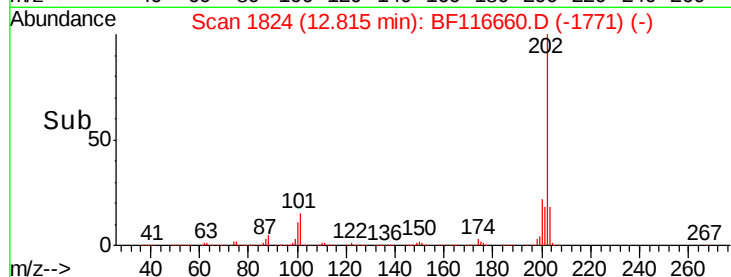
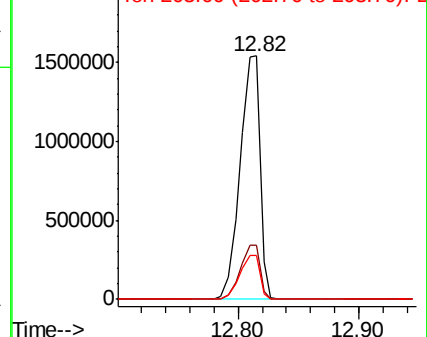


Abundance

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: 163.973 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

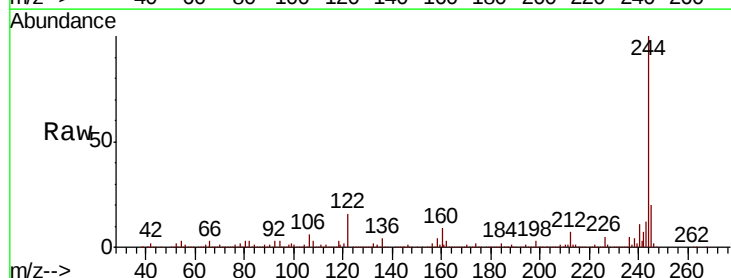
Tgt Ion:244 Resp: 2120189

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 15.9 10.2 15.4#

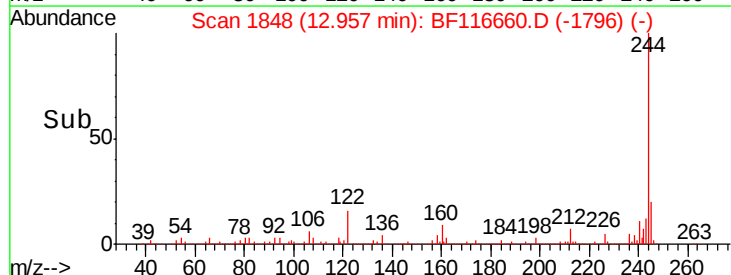
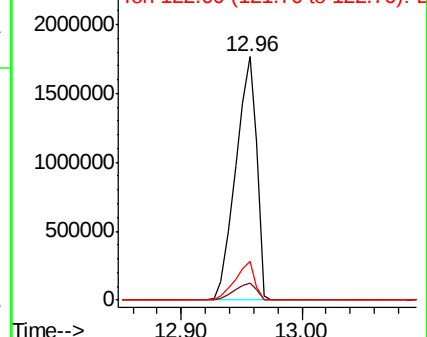


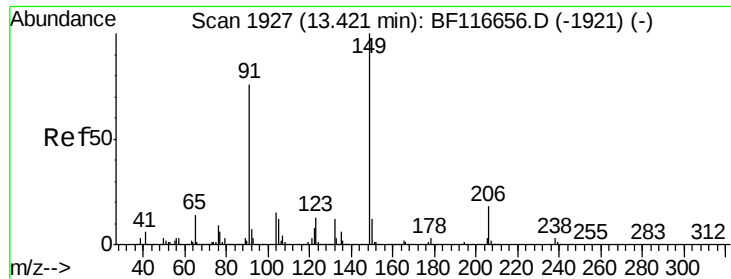
Abundance

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





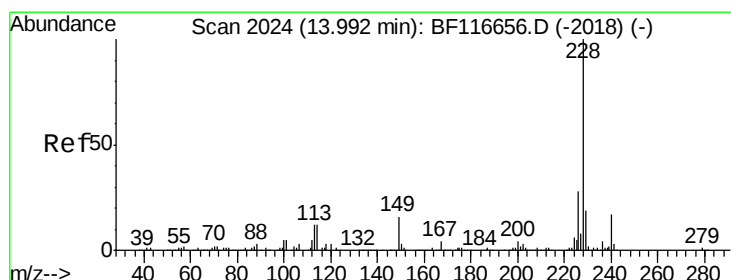
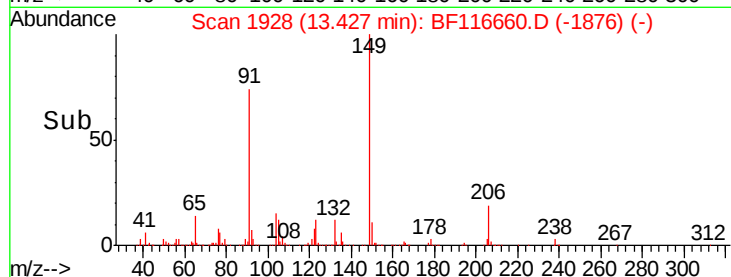
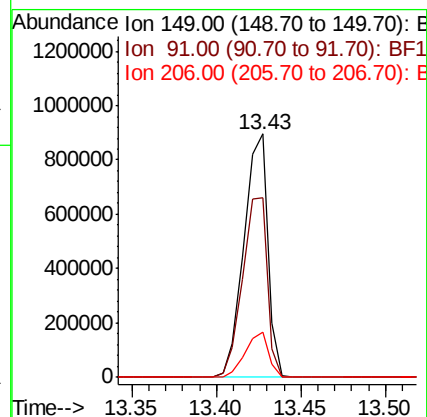
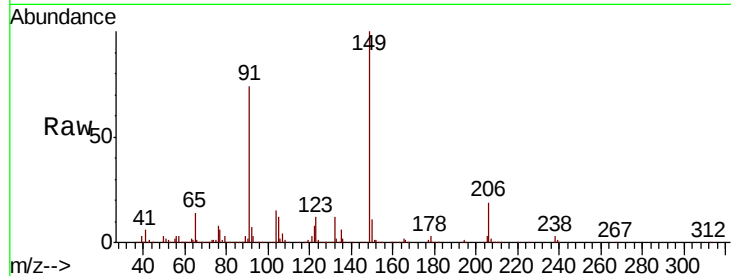
#80
Butylbenzylphthalate
Concen: 107.192 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.8	61.0	91.4
206	18.6	14.8	22.2

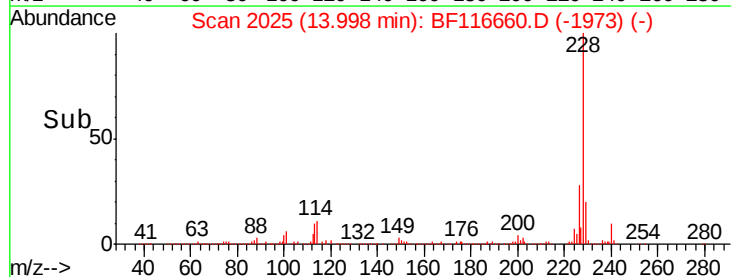
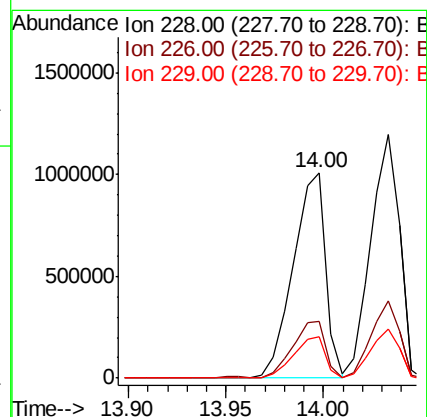
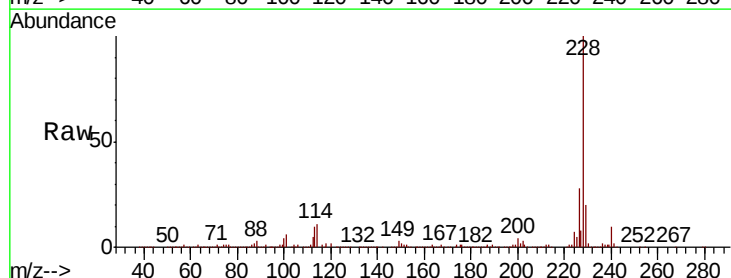
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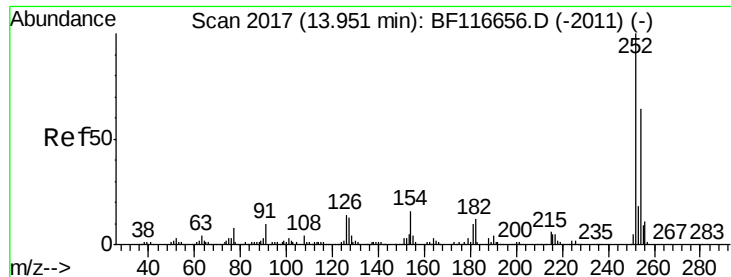
mohammad
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#81
Benzo(a)anthracene
Concen: 81.665 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.0	33.0
229	20.0	16.4	24.6





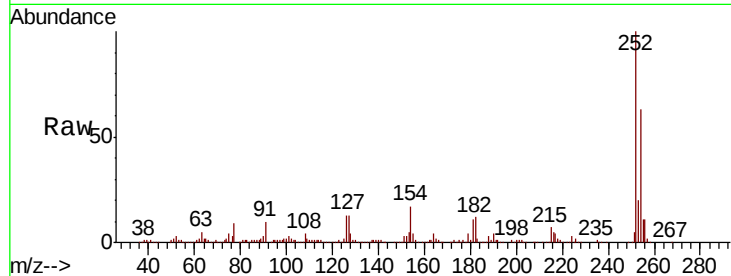
#82
 3,3'-Dichlorobenzidine
 Concen: 80.226 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
252	100	374534		
254	63.4	50.1	75.1	
126	13.1	10.6	16.0	

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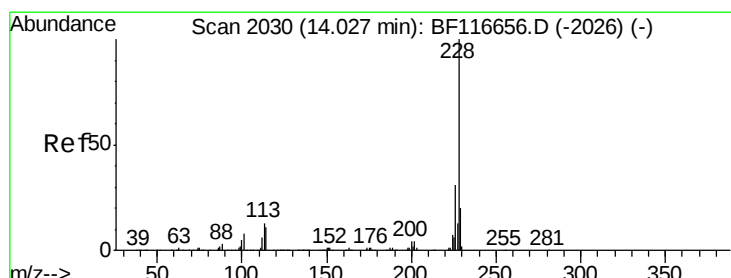
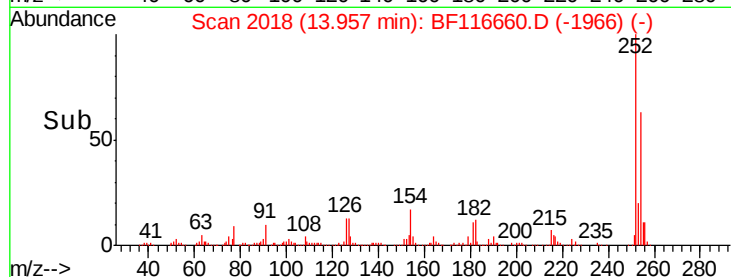
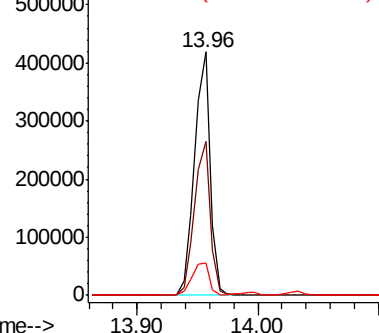


Abundance

Ion 252.00 (251.70 to 252.70): E

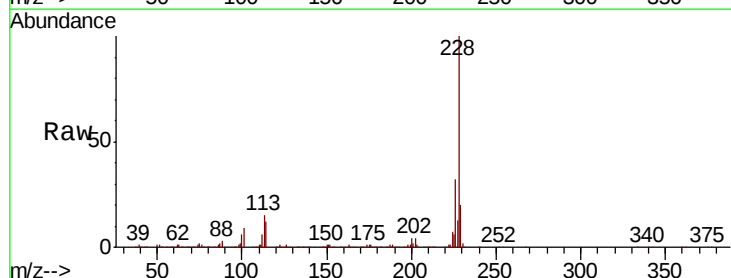
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 88.542 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1224141		
226	31.6	24.0	36.0	
229	20.2	15.4	23.0	

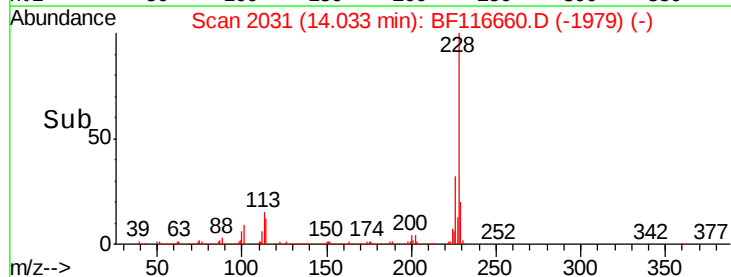
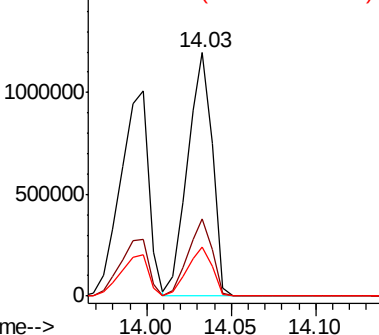


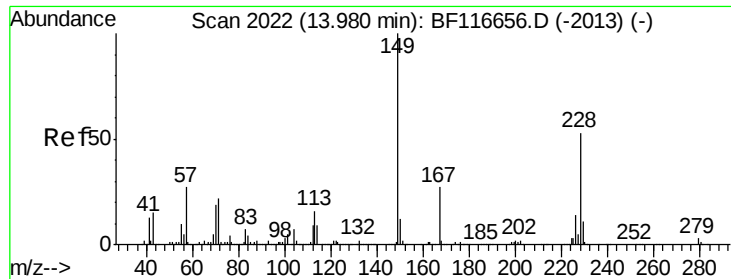
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 98.115 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

Instrument :

BNA_F

ClientSampled :

SSTDIC100

Tot Ion:149 Resp: 1035118

Ion Ratio Lower Upper

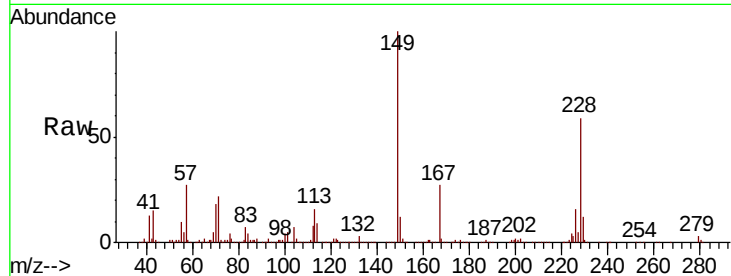
149 100

167 27.1 21.0 31.4

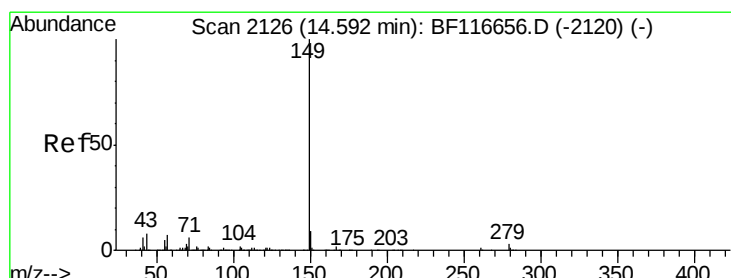
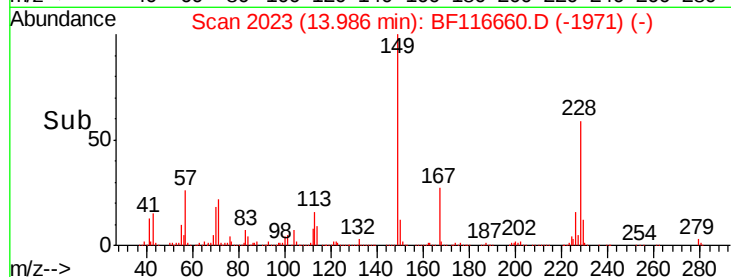
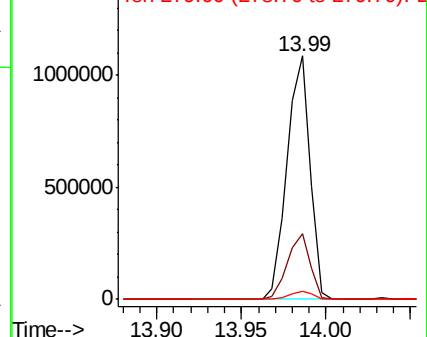
279 3.4 2.8 4.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 103.984 ng

RT: 14.59 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BF116660.D

Acq: 30 Aug 2019 19:12

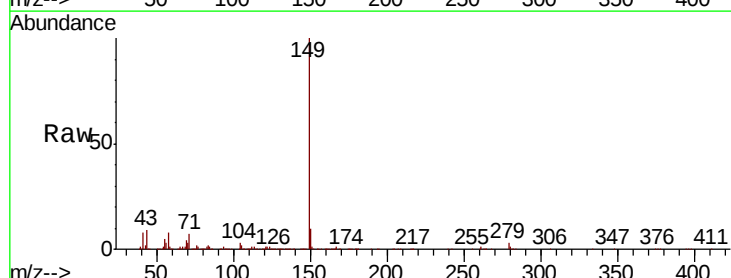
Tgt Ion:149 Resp: 1655445

Ion Ratio Lower Upper

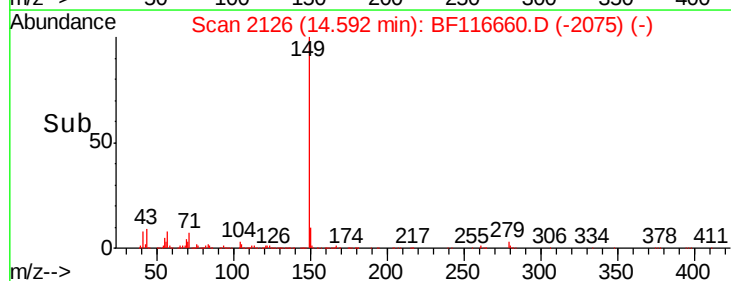
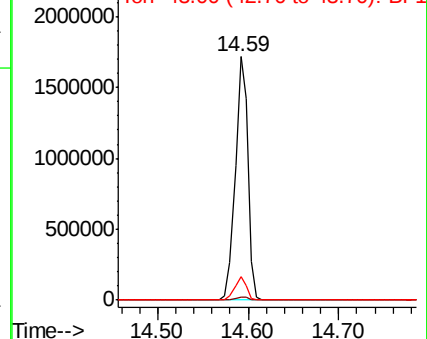
149 100

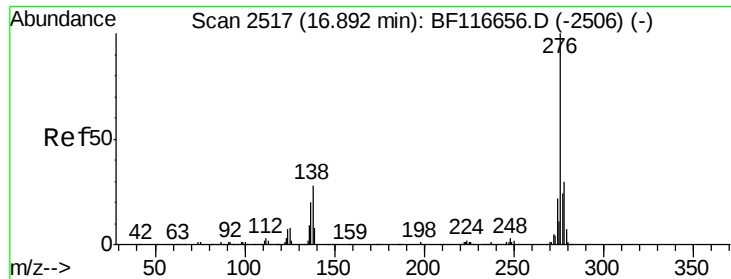
167 1.5 1.3 1.9

43 9.1 7.8 11.8



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





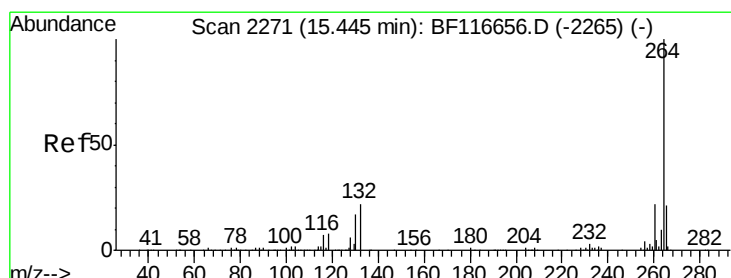
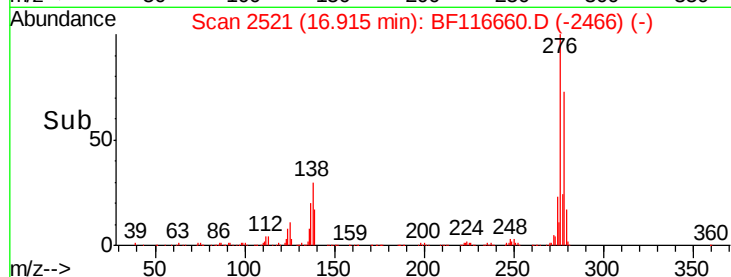
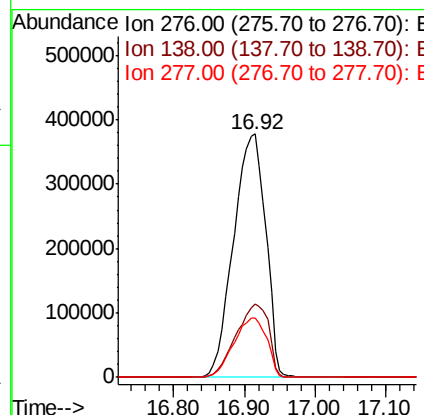
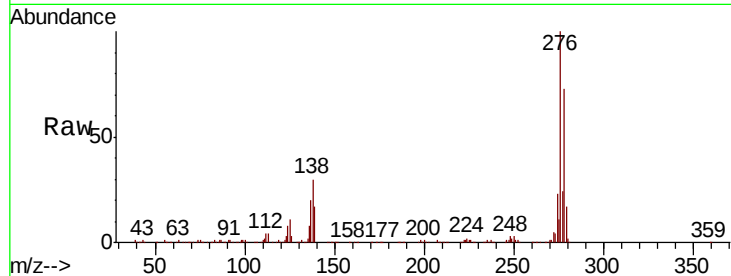
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 99.586 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.02 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	19.4	29.2#
277	25.1	20.5	30.7

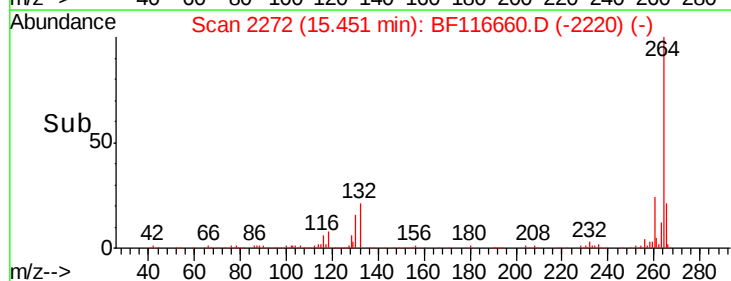
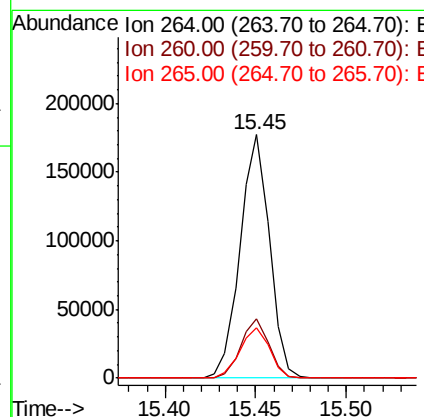
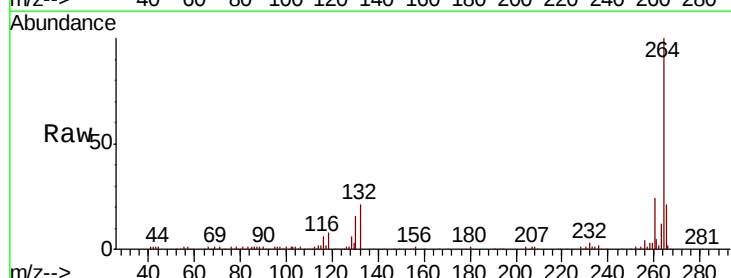
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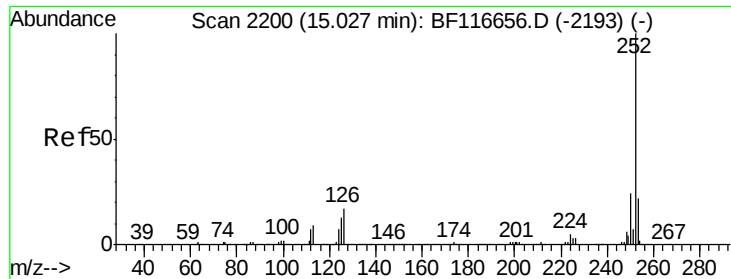
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	20.9	16.5	24.7





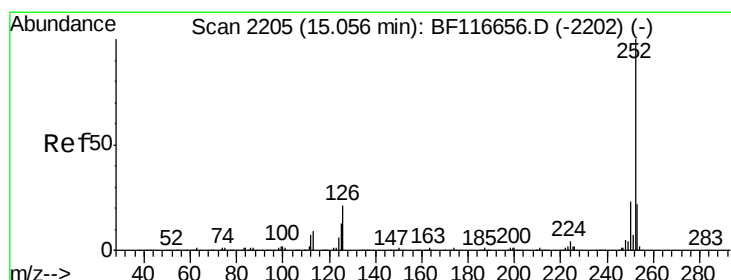
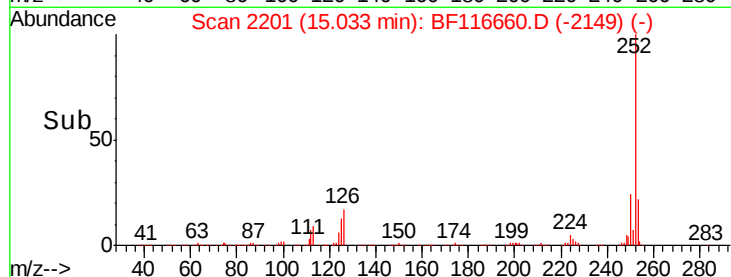
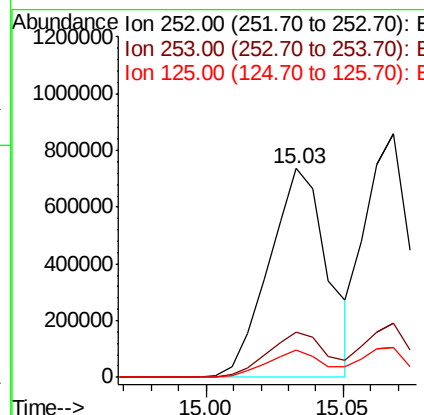
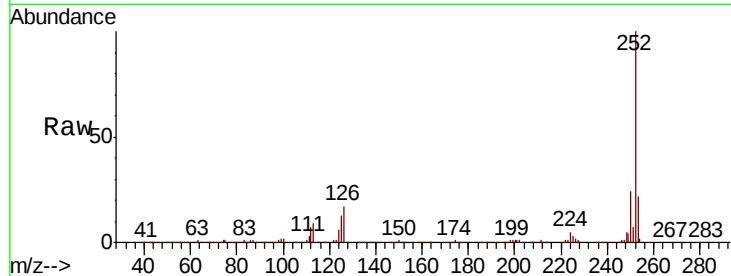
#88
Benzo(b)fluoranthene
Concen: 86.757 ng m
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	12.9	8.2	12.2#

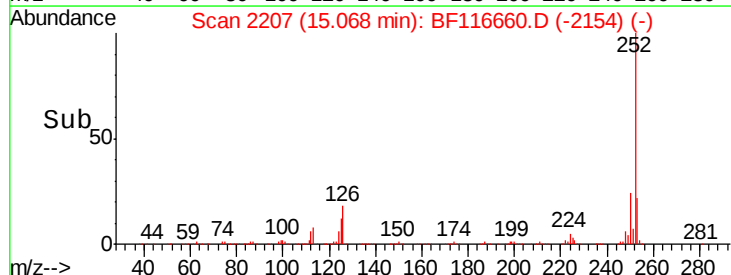
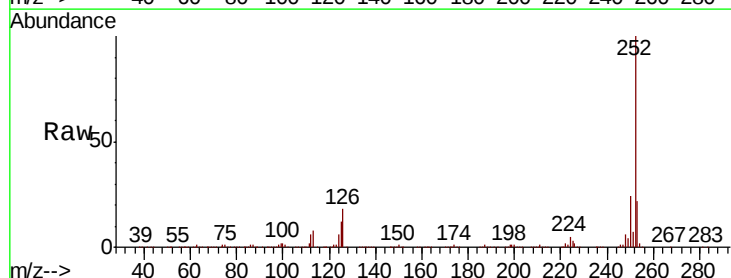
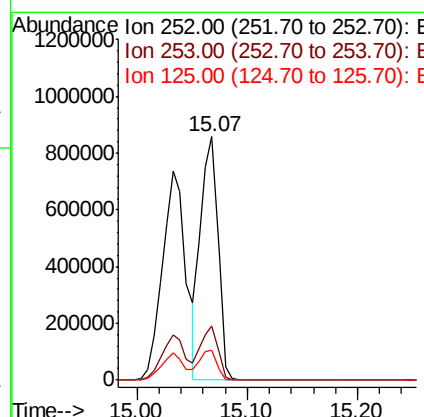
Manual Integrations
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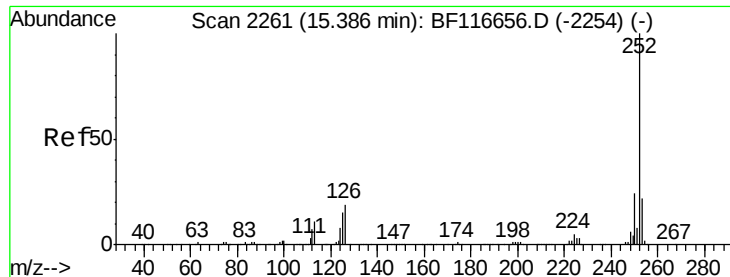
mohammad
8/31/2019 2:45:20 PM



#89
Benzo(k)fluoranthene
Concen: 75.548 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	12.2	8.6	13.0





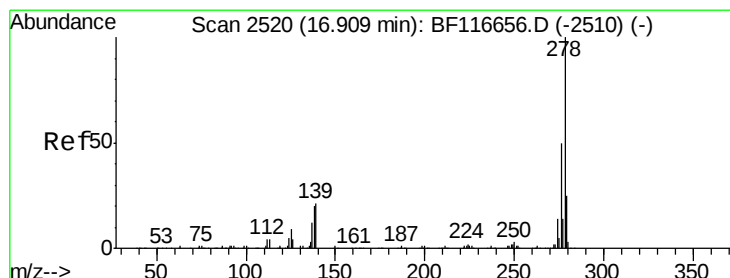
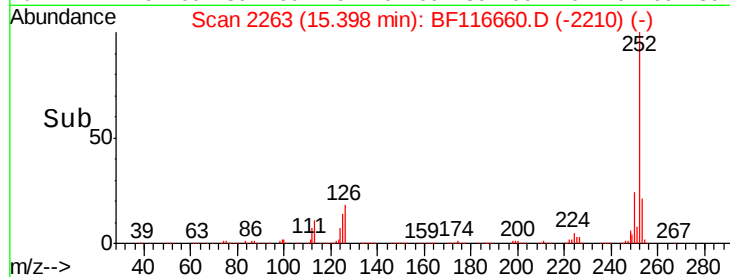
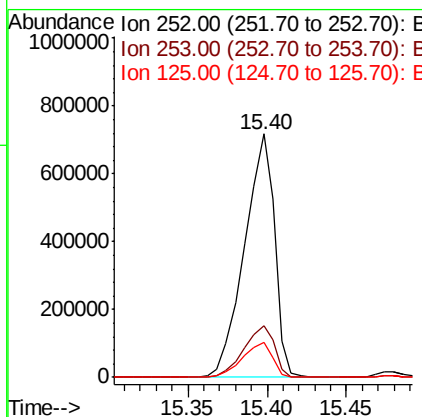
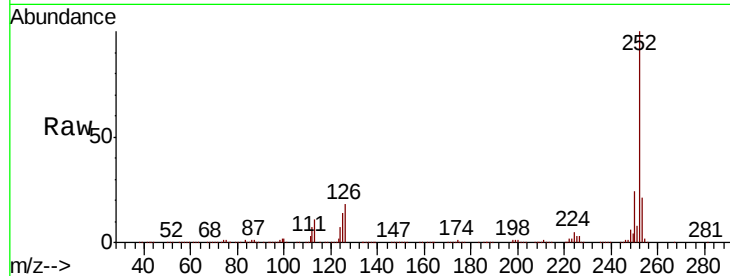
#90
Benzo(a)pyrene
Concen: 85.267 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:	252	Resp:	943457
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.1	27.1
125	14.1	9.8	14.8

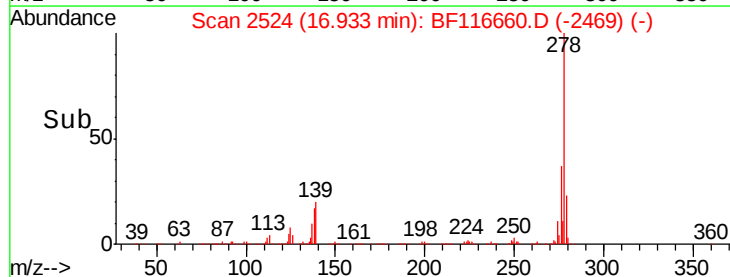
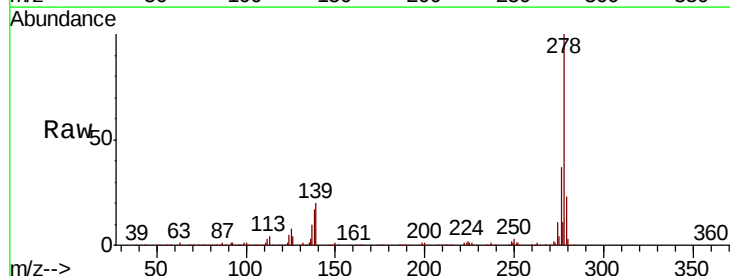
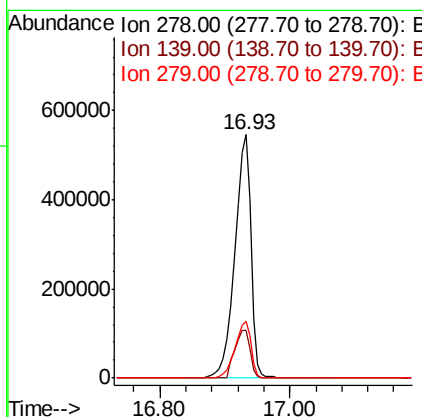
Manual Integrations
APPROVED

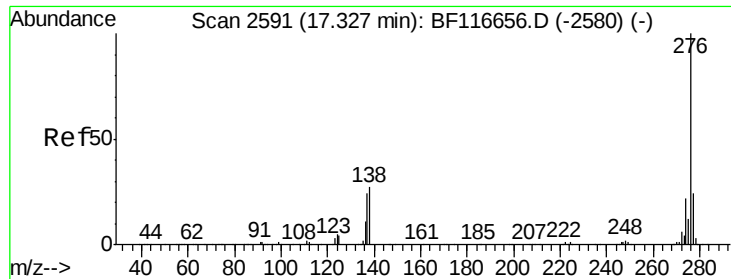
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 80.873 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.02 min
Lab File: BF116660.D
Acq: 30 Aug 2019 19:12

Tgt Ion:	278	Resp:	938572
Ion Ratio	Lower	Upper	
278	100		
139	19.6	12.4	18.6#
279	23.5	18.2	27.4





#92
 Benzo(a,h,i)perylene
 Concen: 91.438 ng
 RT: 17.36 min Scan# 2596
 Delta R.T. 0.03 min
 Lab File: BF116660.D
 Acq: 30 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	22.8	18.5	27.7	
138	26.6	16.2	24.2	

Manual Integrations
 APPROVED

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