

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116765.D
 Acq On : 3 Sep 2019 11:57
 Operator : HP/JU
 Sample : PB122720BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BS

Manual Integrations
 APPROVED

mohammad
 9/6/2019 8:18:01 AM

Quant Time: Sep 03 13:21:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	152150	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	640407	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	337032	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	547347	20.00	ng	0.00
76) Chrysene-d12	14.00	240	356252	20.00	ng	0.00
87) Perylene-d12	15.46	264	342488	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1041432	110.89	ng	0.02
7) Phenol-d6	6.49	99	1352998	109.71	ng	0.00
23) Nitrobenzene-d5	7.41	82	789375	70.37	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	290353	128.87	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1365859	68.36	ng	0.00
79) Terphenyl-d14	12.94	244	1295298	67.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	188496	43.478	ng	99
3) Pyridine	3.45	79	470285	37.465	ng	95
4) n-Nitrosodimethylamine	3.39	42	170147	39.473	ng	# 75
6) Aniline	6.51	93	573997	33.605	ng	98
8) 2-Chlorophenol	6.64	128	471794	46.018	ng	99
9) Benzaldehyde	6.40	77	327775	40.343	ng	93
10) Phenol	6.50	94	589295	43.153	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	453286	42.630	ng	98
12) 1,3-Dichlorobenzene	6.79	146	480311	41.452	ng	97
13) 1,4-Dichlorobenzene	6.87	146	491630	42.617	ng	98
14) 1,2-Dichlorobenzene	7.02	146	456229	42.675	ng	97
15) Benzyl Alcohol	6.99	79	430003	42.955	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	512329	41.068	ng	99
17) 2-Methylphenol	7.10	107	397777	44.321	ng	96
18) Hexachloroethane	7.36	117	185567	41.403	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	334393	41.182	ng	92
20) 3+4-Methylphenols	7.26	107	470449	45.083	ng	# 79
22) Acetophenone	7.26	105	649105	42.101	ng	# 96
24) Nitrobenzene	7.43	77	515562	45.188	ng	95
25) Isophorone	7.67	82	954349	41.983	ng	99
26) 2-Nitrophenol	7.75	139	246331	58.073	ng	93
27) 2,4-Dimethylphenol	7.79	122	429062	50.086	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	594175	42.774	ng	99
29) 2,4-Dichlorophenol	7.99	162	385063	46.772	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	376666	42.182	ng	97
31) Naphthalene	8.16	128	1327176	43.583	ng	99
32) Benzoic acid	7.91	122	277276	57.324	ng	92
33) 4-Chloroaniline	8.20	127	346249	24.979	ng	95
34) Hexachlorobutadiene	8.27	225	199424	40.960	ng	100
35) Caprolactam	8.57	113	135035m	43.828	ng	
36) 4-Chloro-3-methylphenol	8.68	107	441874	46.699	ng	98
37) 2-Methylnaphthalene	8.85	142	900157	44.427	ng	96
38) 1-Methylnaphthalene	8.95	142	843560	44.104	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	327578	40.545	ng	# 96

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Manual Integrations
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Quant Time: Sep 03 13:21:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	407411	87.324	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	261981	47.303	nq	95
44) 2,4,5-Trichlorophenol	9.16	196	272290	47.357	nq	96
46) 1,1'-Biphenyl	9.31	154	1063866	41.599	nq	98
47) 2-Chloronaphthalene	9.33	162	840303	41.484	nq	100
48) 2-Nitroaniline	9.42	65	276464	47.210	nq	96
49) Acenaphthylene	9.75	152	1331216	43.476	nq	99
50) Dimethylphthalate	9.61	163	981853	42.197	nq	98
51) 2,6-Dinitrotoluene	9.67	165	229249	51.639	nq	# 80
52) Acenaphthene	9.92	154	866819	46.074	nq	99
53) 3-Nitroaniline	9.83	138	195509	35.141	nq	97
54) 2,4-Dinitrophenol	9.94	184	172646	106.254	nq	88
55) Dibenzofuran	10.09	168	1146808	43.240	nq	98
56) 4-Nitrophenol	10.00	139	385463	101.044	nq	87
57) 2,4-Dinitrotoluene	10.07	165	300915	55.433	nq	98
58) Fluorene	10.43	166	885866	43.836	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	209619	50.515	nq	98
60) Diethylphthalate	10.31	149	998533	42.841	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	382983	43.278	nq	93
62) 4-Nitroaniline	10.45	138	255298	47.284	nq	92
63) Azobenzene	10.59	77	1041350	42.847	nq	92
65) 4,6-Dinitro-2-methylphenol	10.48	198	126609	60.508	nq	86
66) n-Nitrosodiphenylamine	10.55	169	824440	43.541	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	234901	42.246	nq	92
68) Hexachlorobenzene	10.99	284	244380	42.007	nq	94
69) Atrazine	11.07	200	233369	44.006	nq	98
70) Pentachlorophenol	11.17	266	289024	102.702	nq	99
71) Phenanthrene	11.39	178	1284058	42.143	nq	99
72) Anthracene	11.44	178	1319980	43.037	nq	100
73) Carbazole	11.60	167	1230982	42.134	nq	99
74) Di-n-butylphthalate	11.93	149	1554608	41.507	nq	99
75) Fluoranthene	12.58	202	1283333	42.859	nq	99
77) Benzidine	12.69	184	621574	44.484	nq	100
78) Pyrene	12.81	202	1294208	40.867	nq	98
80) Butylbenzylphthalate	13.42	149	648327	42.098	nq	95
81) Benzo(a)anthracene	13.99	228	972622	43.137	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	270512	35.502	nq	96
83) Chrysene	14.03	228	978748	42.135	nq	97
84) Bis(2-ethylhexyl)phthalate	13.98	149	865501	45.528	nq	97
85) Di-n-octyl phthalate	14.59	149	1505449	48.391	nq	96
86) Indeno(1,2,3-cd)pyrene	16.91	276	768138	41.169	nq	# 93
88) Benzo(b)fluoranthene	15.03	252	873694	42.195	nq	97
89) Benzo(k)fluoranthene	15.06	252	853097m	45.186	nq	
90) Benzo(a)pyrene	15.40	252	802104	44.525	nq	99
91) Dibenzo(a,h)anthracene	16.92	278	631307	40.036	nq	# 94
92) Benzo(g,h,i)perylene	17.34	276	632173	39.310	nq	# 92

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

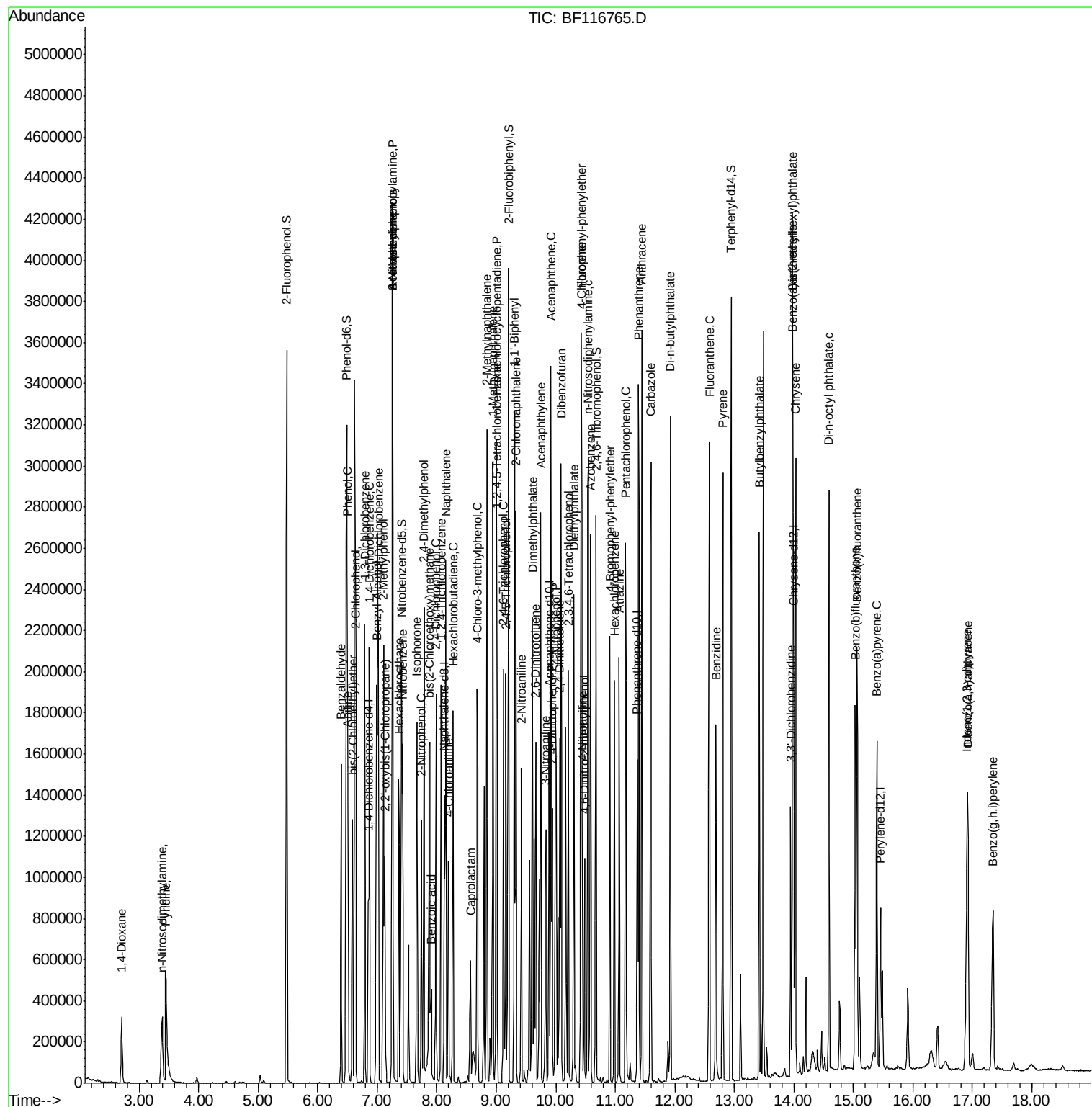
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
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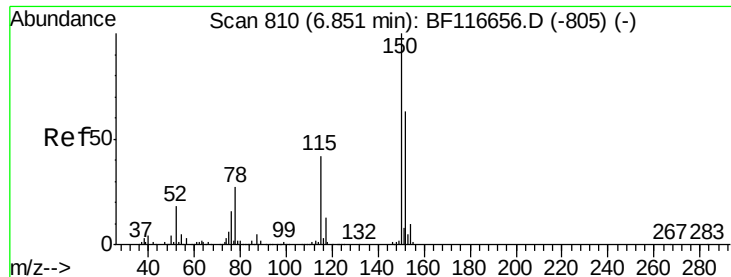
Instrument :
BNA_F
ClientSampleId :
PB122720BS

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#1

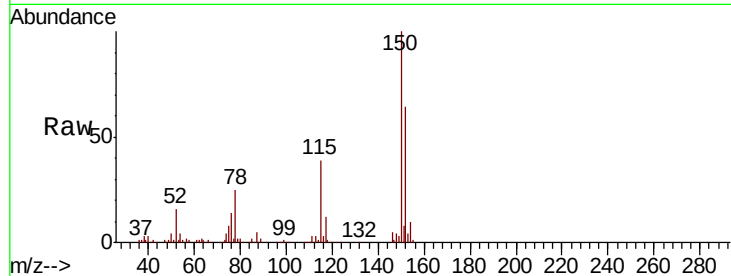
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.4	186.6
115	61.2	49.9	74.9

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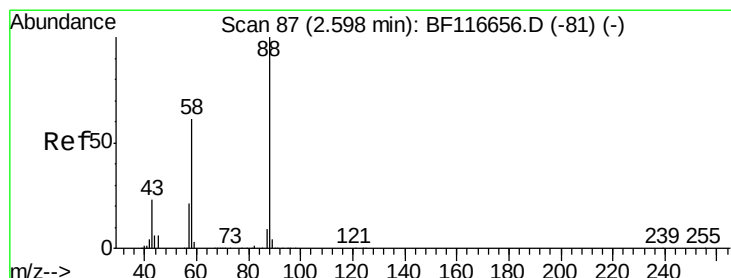
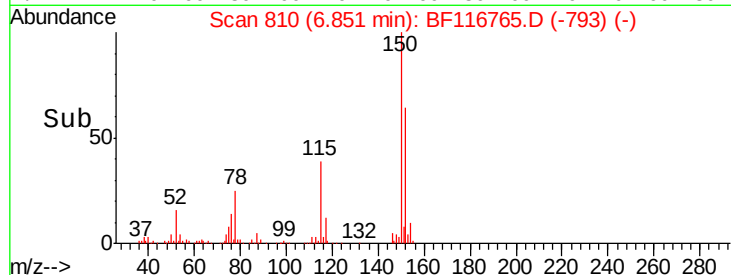
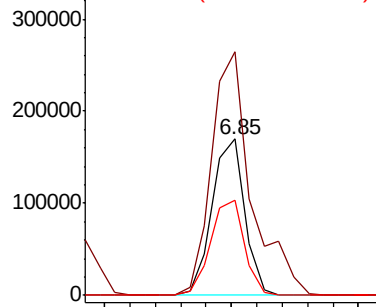


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

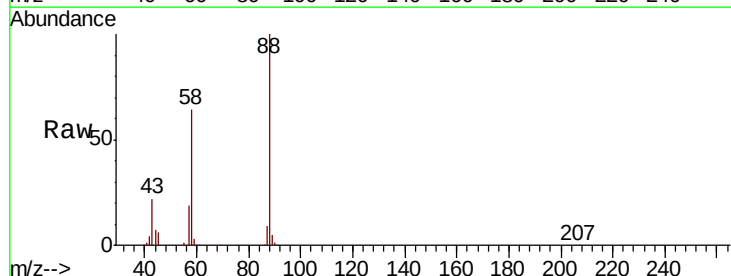
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.478 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.11 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	51.7	77.5
43	22.6	19.8	29.8

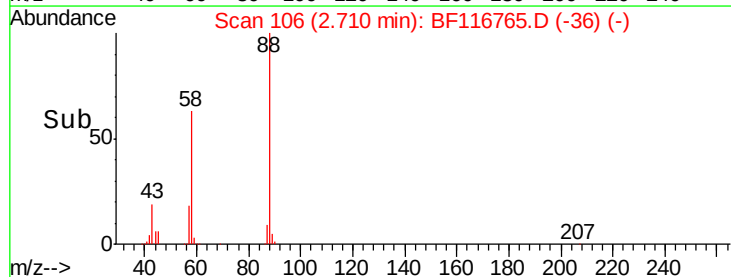
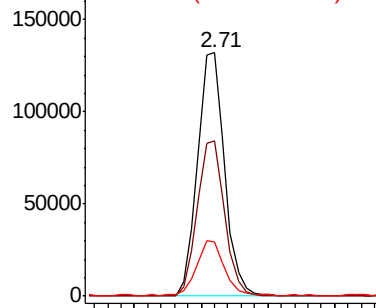


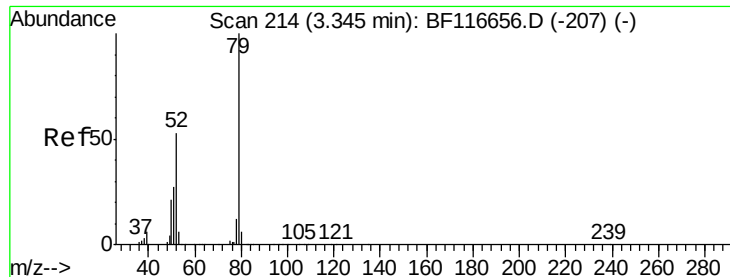
Abundance

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





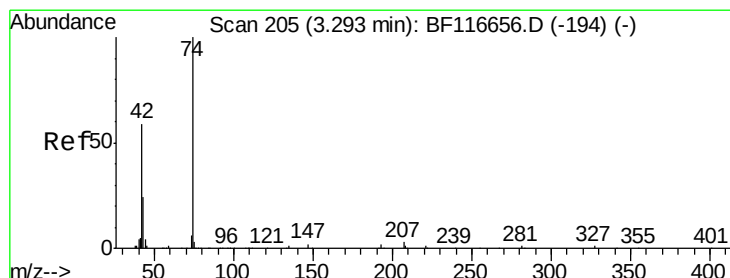
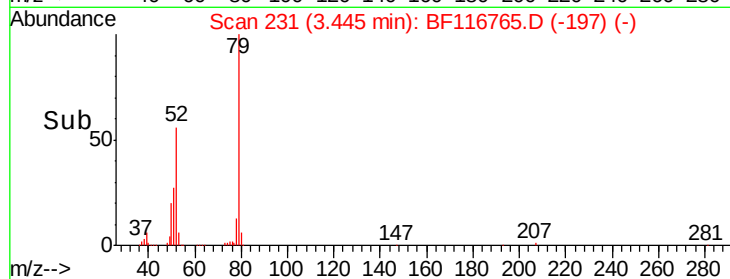
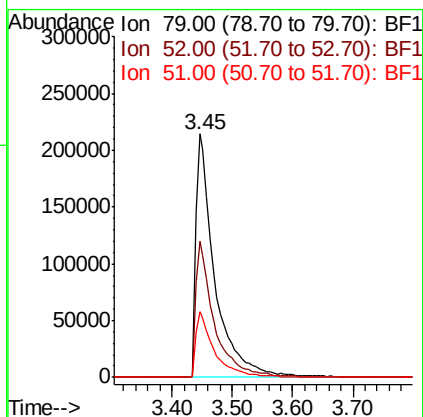
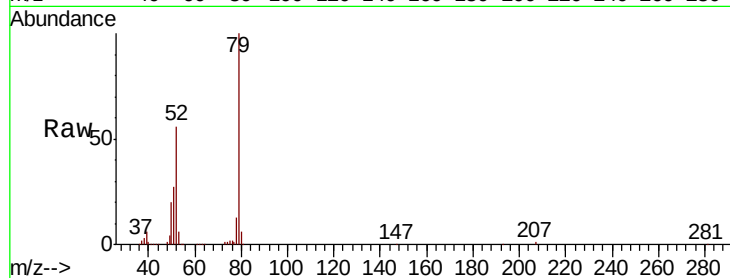
#3
 Pvridine
 Concen: 37.465 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.10 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	470285		
52	55.7		47.4	71.0
51	27.2		24.1	36.1

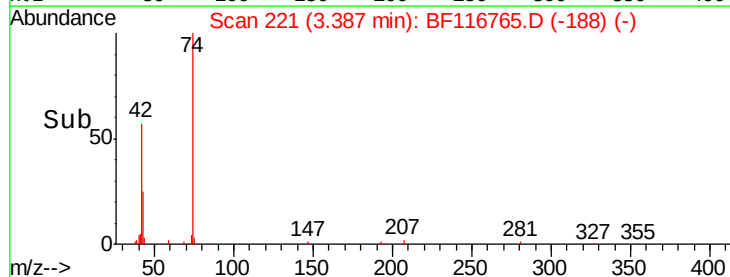
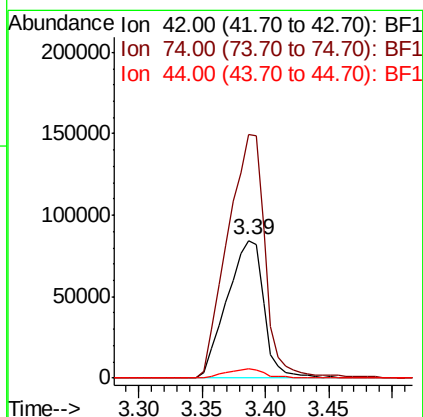
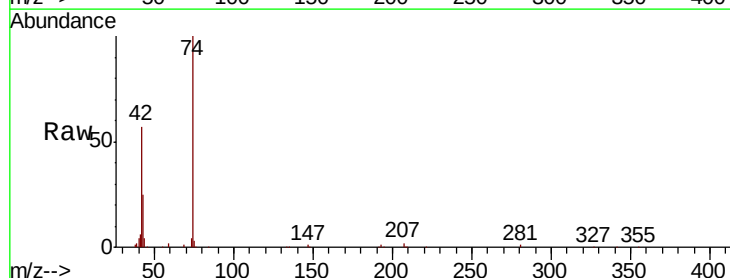
Manual Integrations
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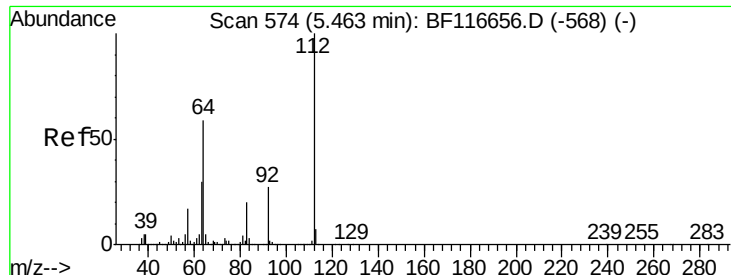
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#4
 n-Nitrosodimethylamine
 Concen: 39.473 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.09 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	170147		
74	176.9		115.6	173.4#
44	6.6		4.6	7.0





#5

2-Fluorophenol

Concen: 110.889 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

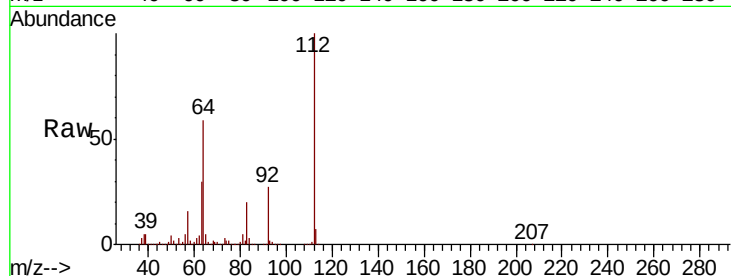
ClientSampleId :

PB122720BS

Tot Ion:	112	Resp:	1041432
Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.1	70.7
63	30.5	24.9	37.3

Manual Integrations
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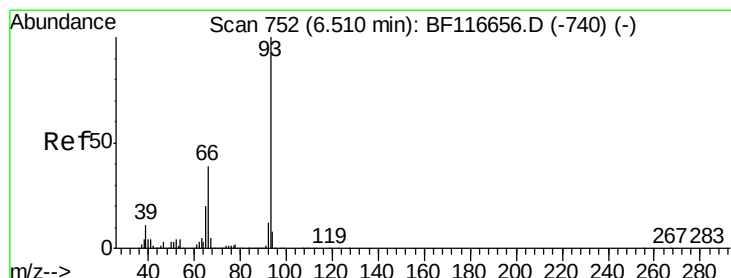
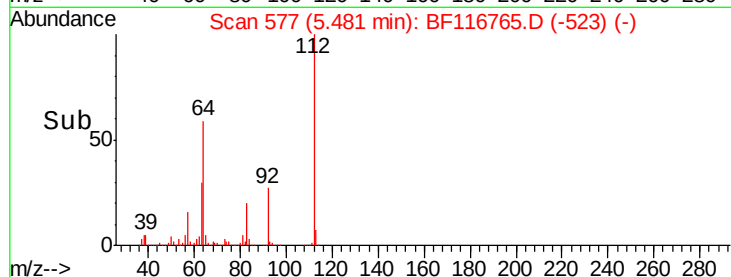
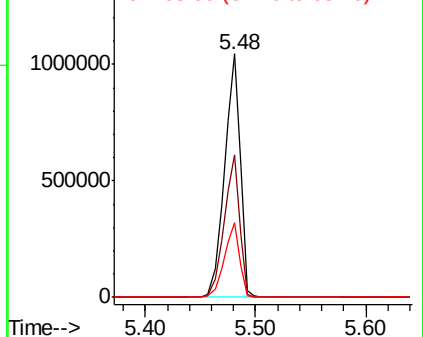
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.605 ng

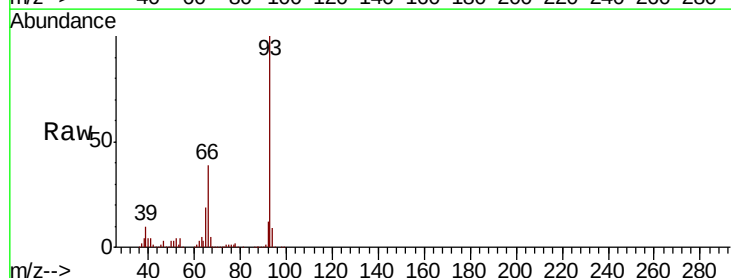
RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

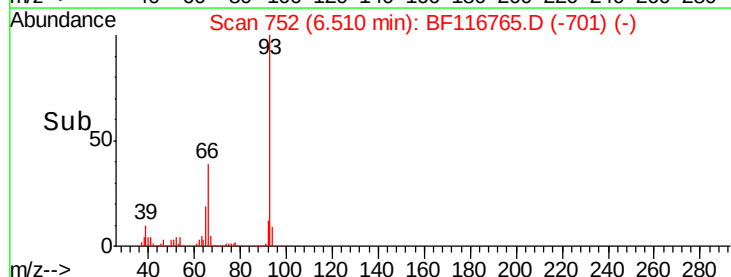
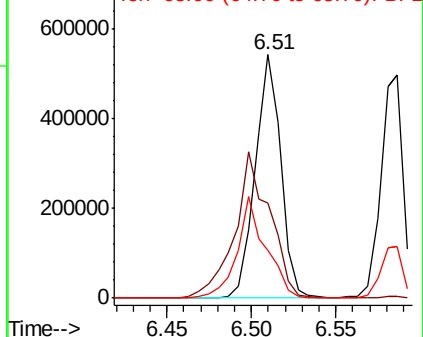
Tgt Ion:	93	Resp:	573997
Ion	Ratio	Lower	Upper
93	100		
66	39.2	32.7	49.1
65	19.5	16.3	24.5

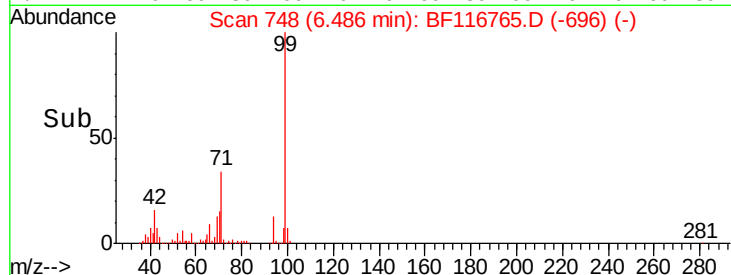
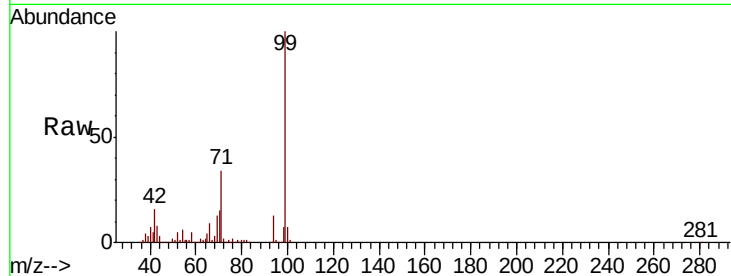
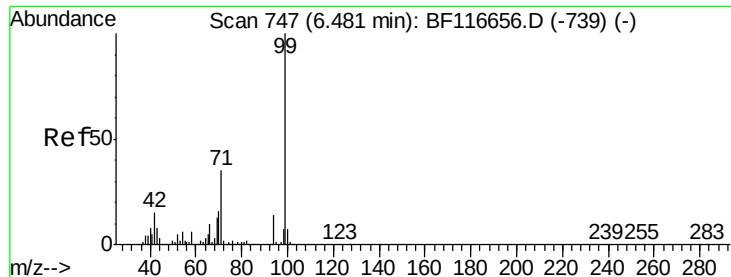


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.712 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tot Ion: 99 Resp: 1352998

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

71 34.4 30.8 46.2

Instrument :

BNA_F

ClientSampled :

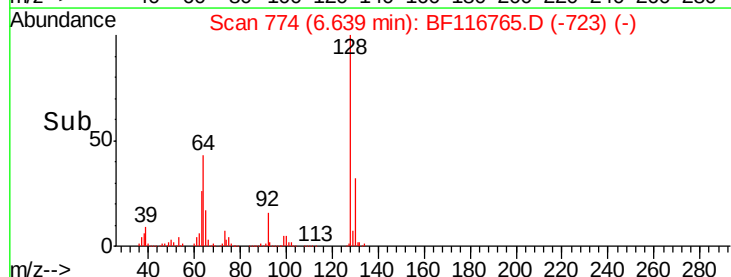
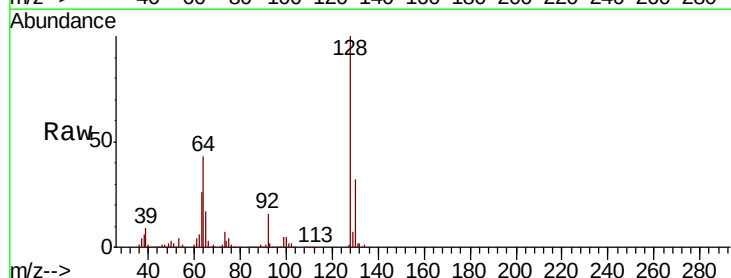
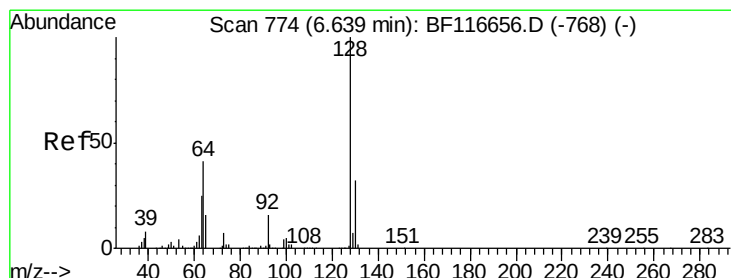
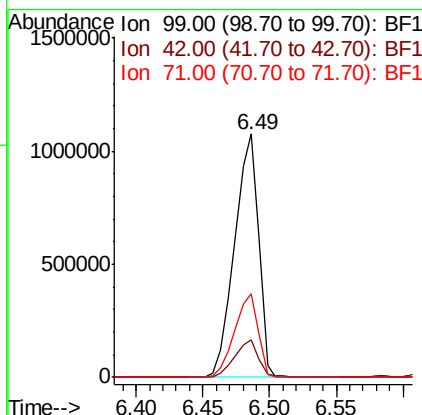
PB122720BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.018 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

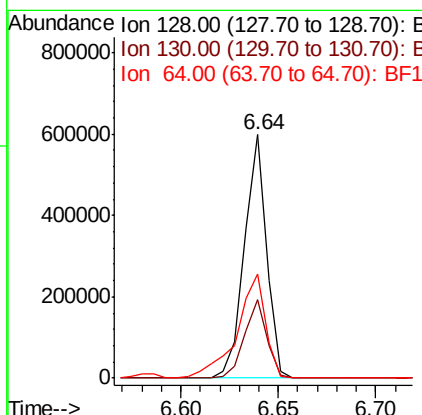
Tgt Ion:128 Resp: 471794

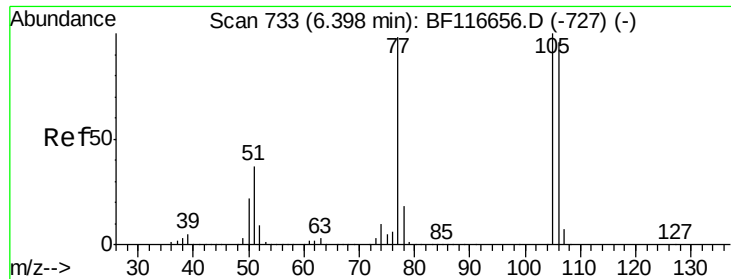
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 43.0 22.5 62.5





#9

Benzaldehyde

Concen: 40.343 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

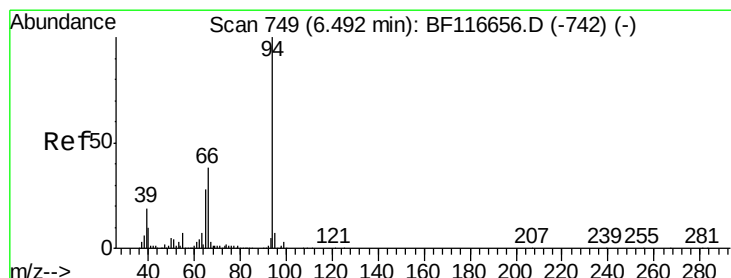
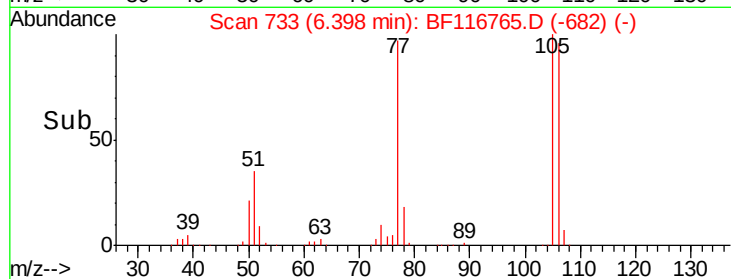
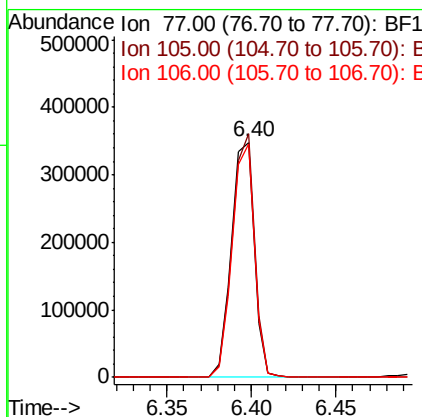
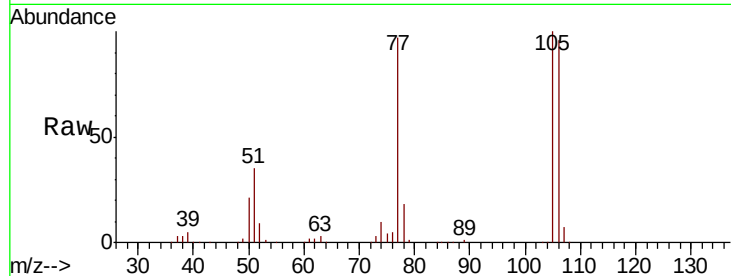
ClientSampleId :

PB122720BS

Tot Ion:	77	Resp:	327775
Ion	Ratio	Lower	Upper
77	100		
105	103.5	76.7	116.7
106	99.0	73.1	113.1

Manual Integrations
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#10

Phenol

Concen: 43.153 ng

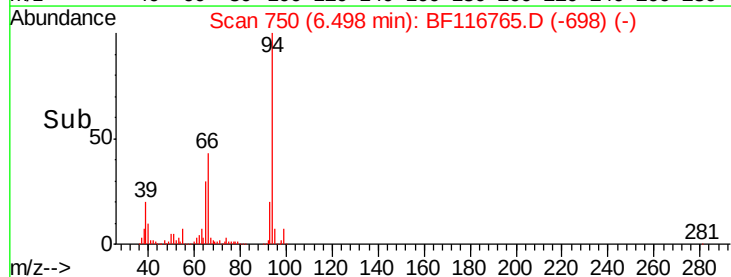
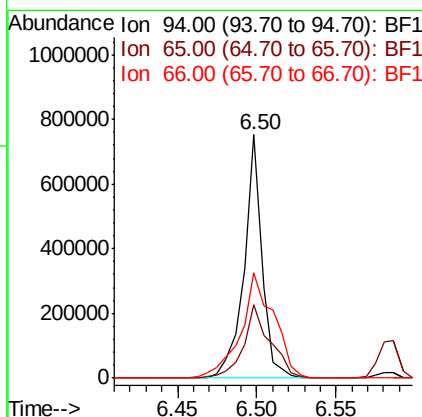
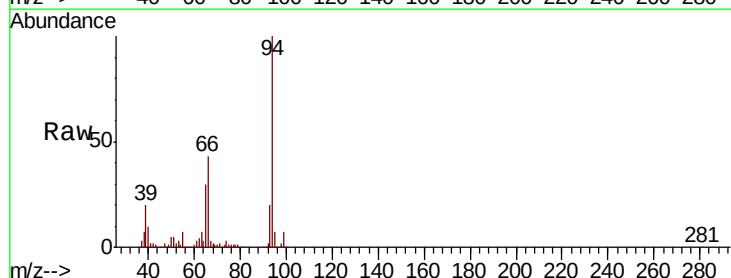
RT: 6.50 min Scan# 750

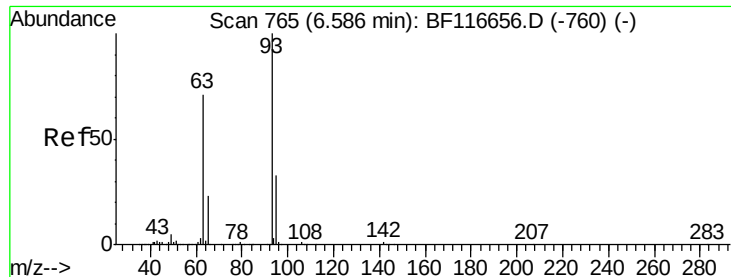
Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:	94	Resp:	589295
Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.8	50.8
66	43.2	21.1	61.1





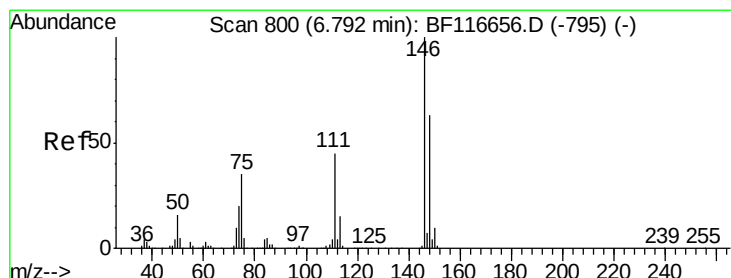
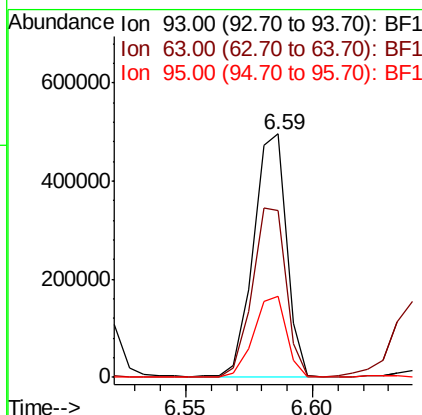
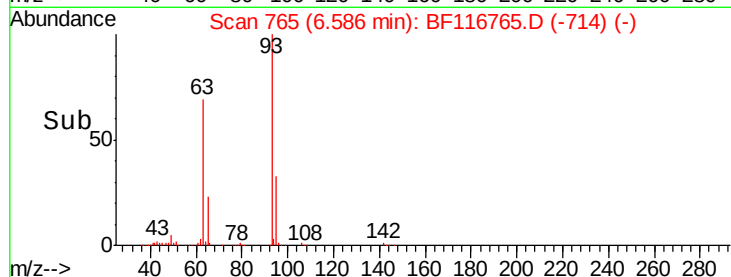
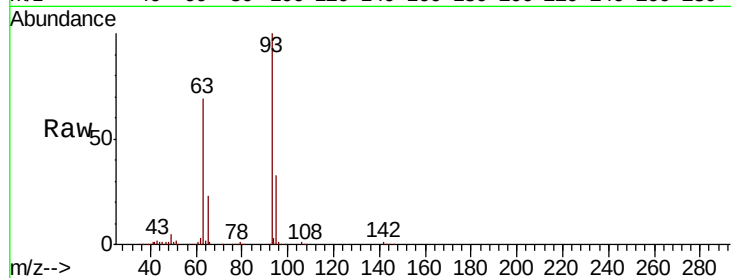
#11
bis(2-Chloroethyl)ether
Concen: 42.630 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.6	49.9	89.9
95	33.4	12.7	52.7

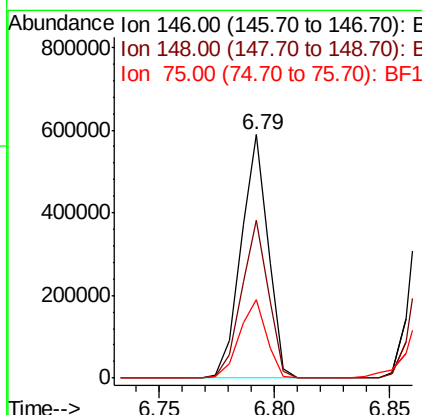
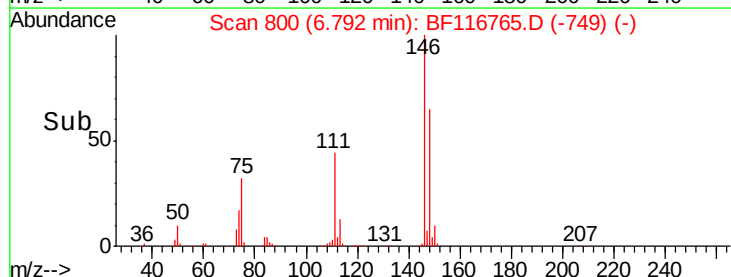
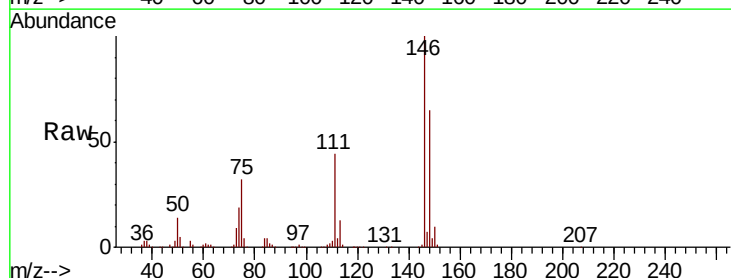
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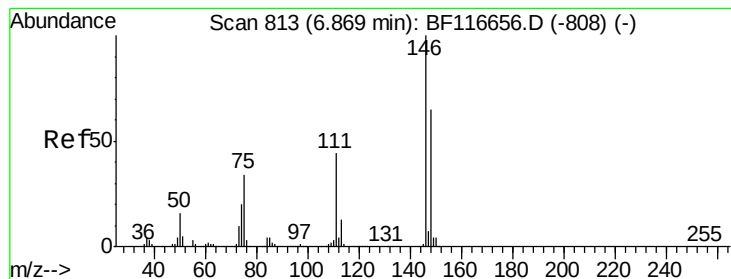
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#12
1,3-Dichlorobenzene
Concen: 41.452 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	32.3	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 42.617 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

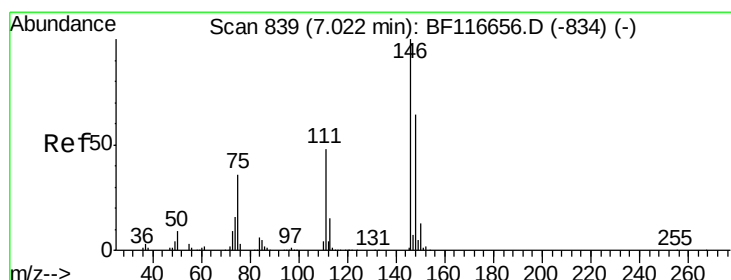
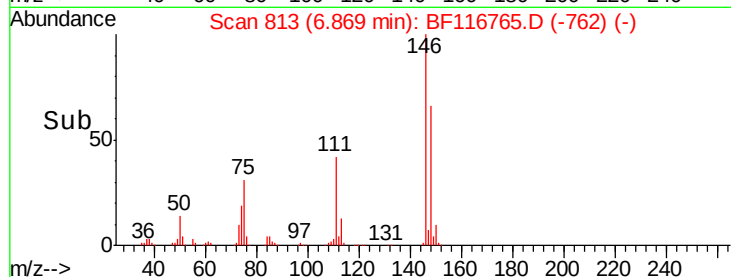
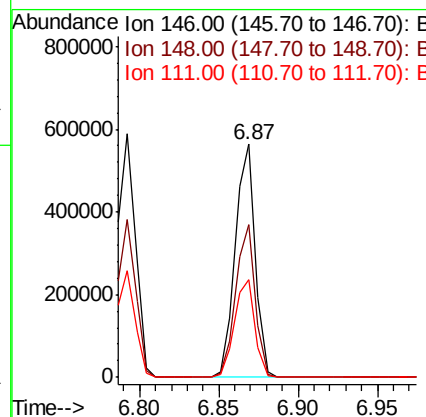
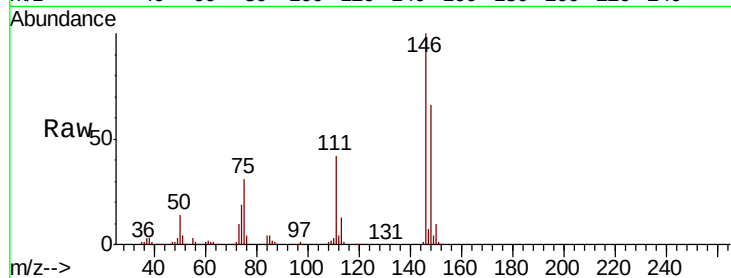
ClientSampleId :

PB122720BS

Tot Ion:	146	Resp:	491630
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.4	77.2
111	41.9	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 42.675 ng

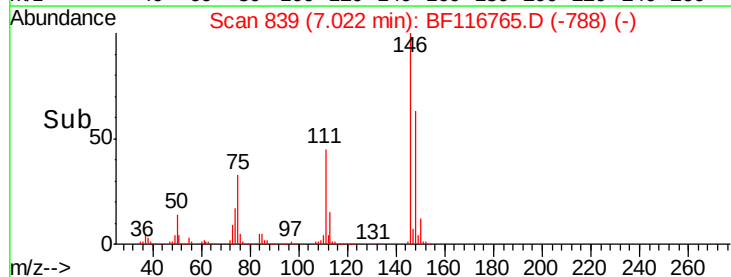
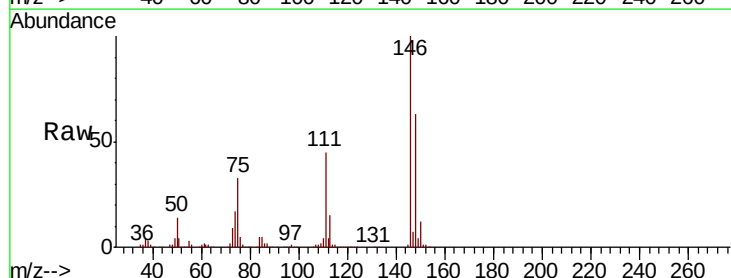
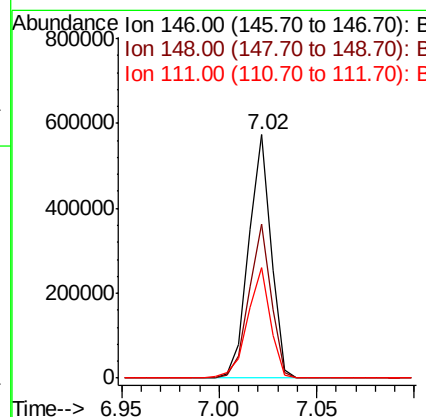
RT: 7.02 min Scan# 839

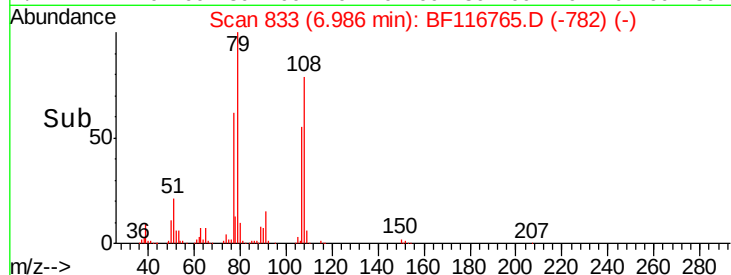
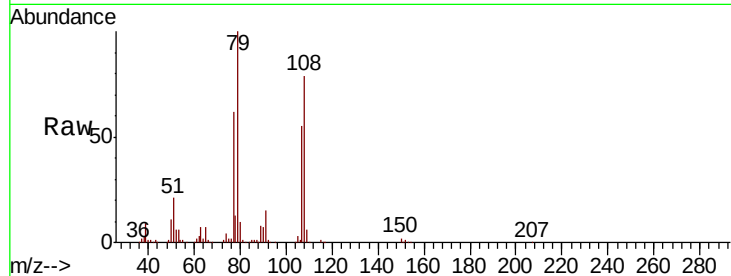
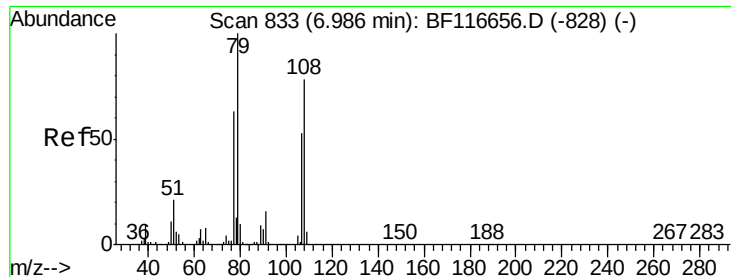
Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:	146	Resp:	456229
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.6	78.8
111	45.2	34.2	51.4





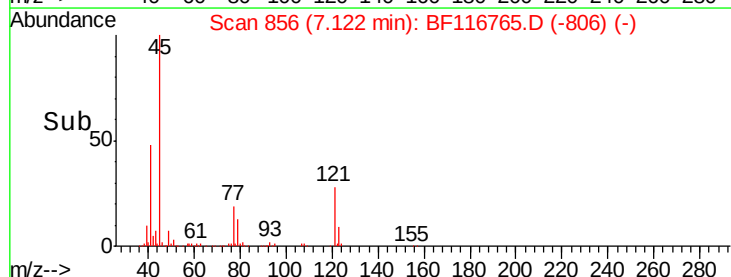
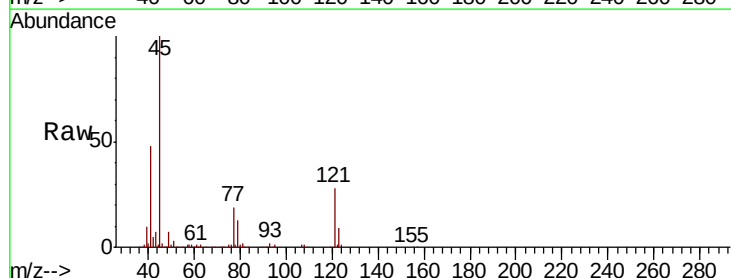
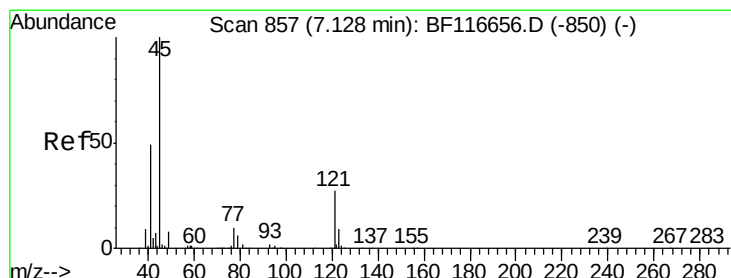
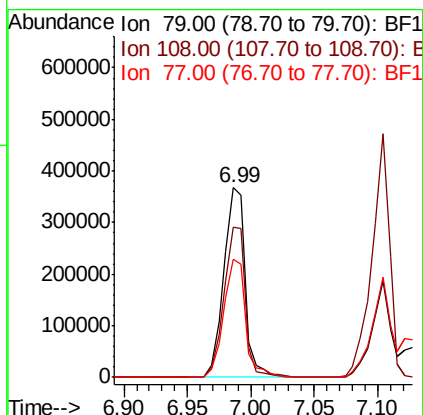
#15
Benzyl Alcohol
Concen: 42.955 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.0	59.2	88.8
77	62.4	53.0	79.4

Instrument :
BNA_F
ClientSampleId :
PB122720BS

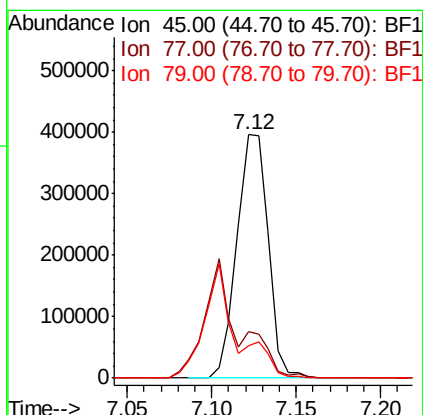
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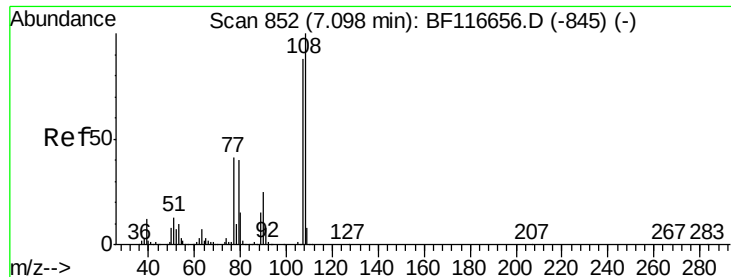
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.068 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	38.2
79	13.3	0.0	33.9





#17

2-Methylphenol

Concen: 44.321 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

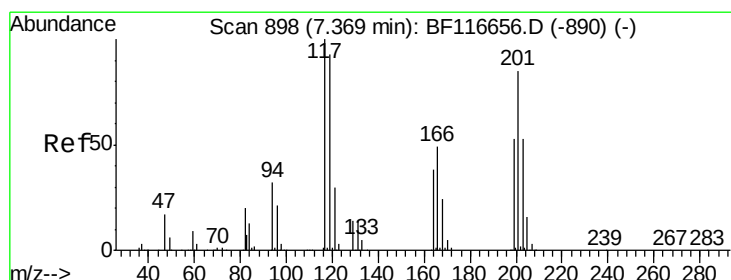
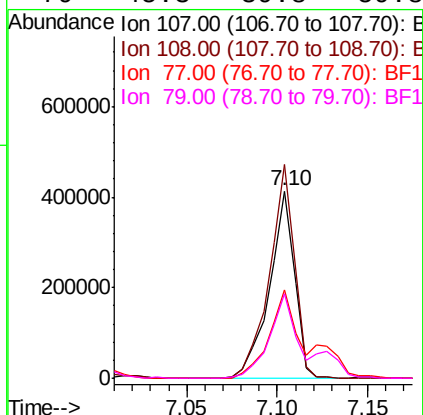
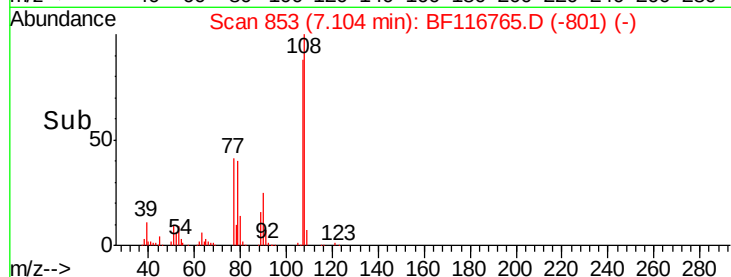
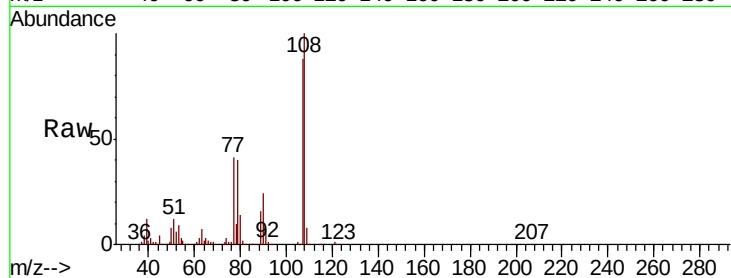
ClientSampleId :

PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	397777		
108	114.2	88.3	132.5	
77	47.3	39.9	59.9	
79	45.3	39.8	59.8	

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#18

Hexachloroethane

Concen: 41.403 ng

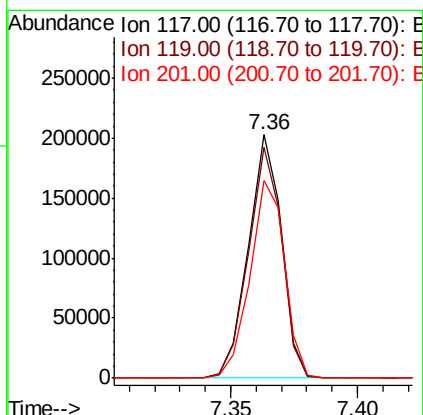
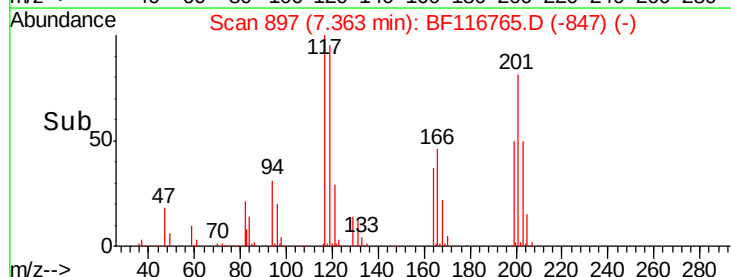
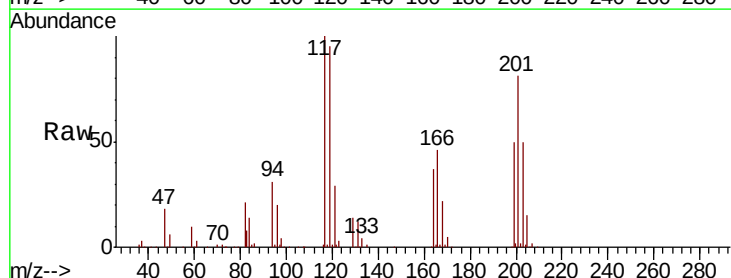
RT: 7.36 min Scan# 897

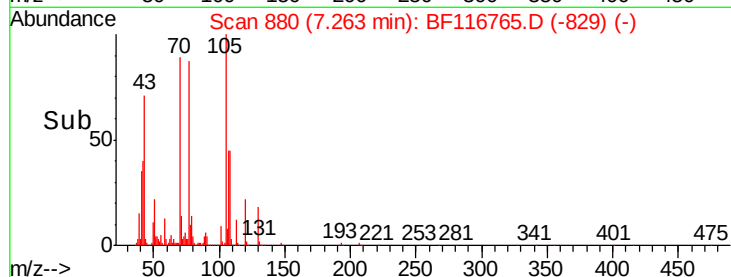
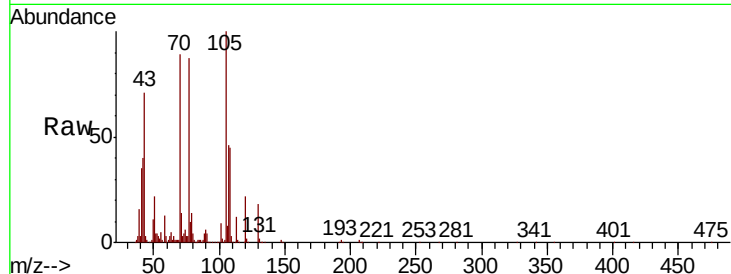
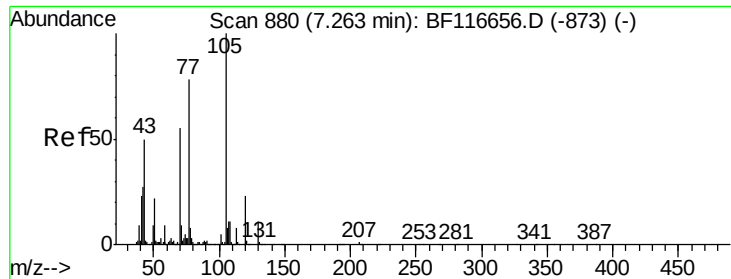
Delta R.T. -0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	185567		
119	95.0	76.9	115.3	
201	81.4	79.4	119.0	





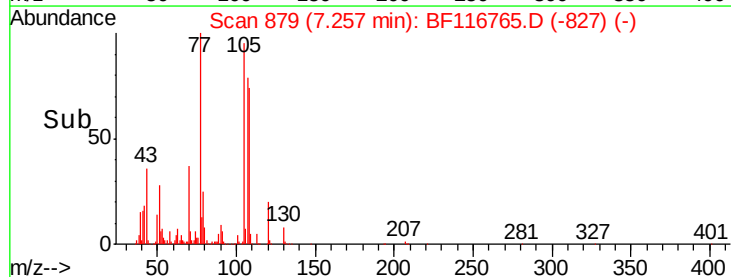
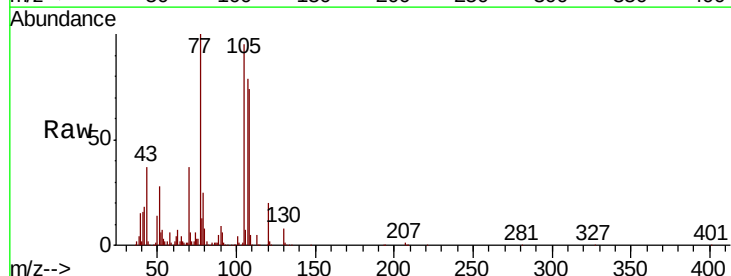
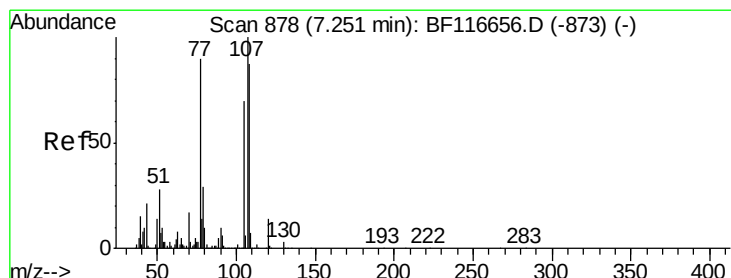
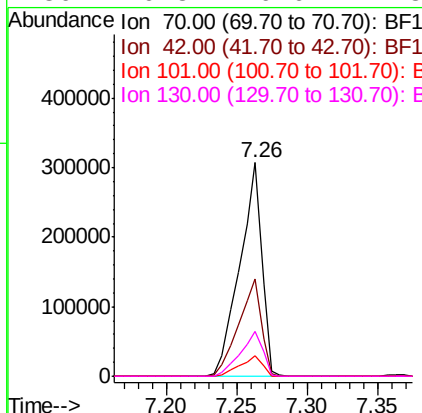
#19
n-Nitroso-di-n-propylamine
Concen: 41.182 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.4	43.5	65.3		
101	9.6	7.8	11.6		
130	20.8	16.6	24.8		

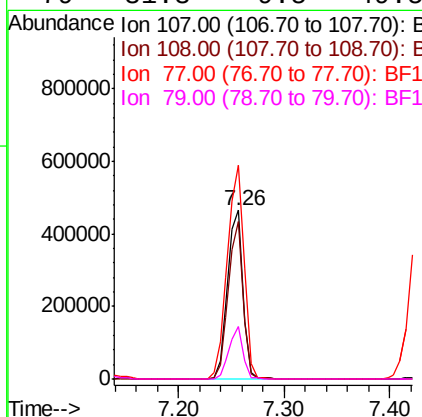
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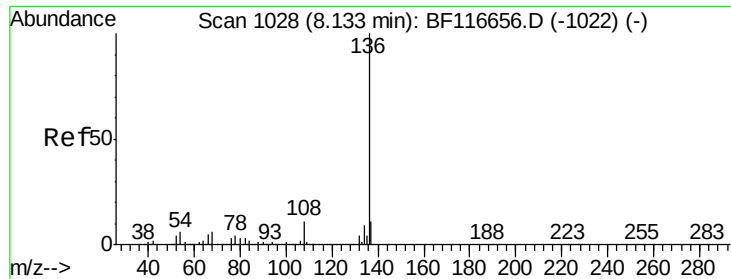
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#20
3+4-Methylphenols
Concen: 45.083 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.6	65.5	105.5		
77	126.6	69.4	109.4#		
79	31.3	9.5	49.5		





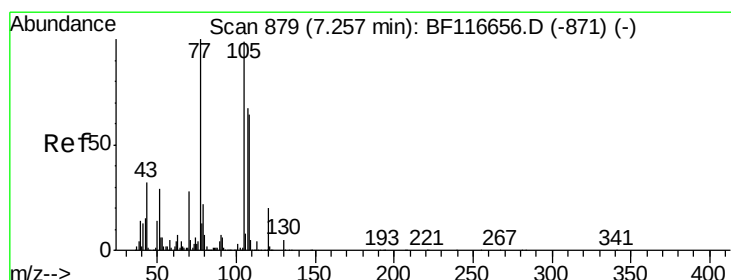
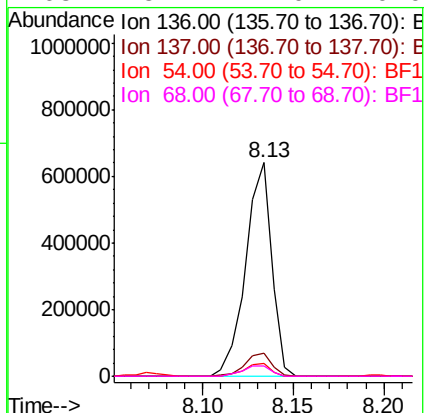
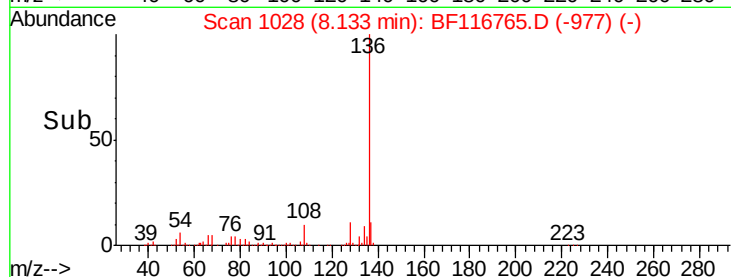
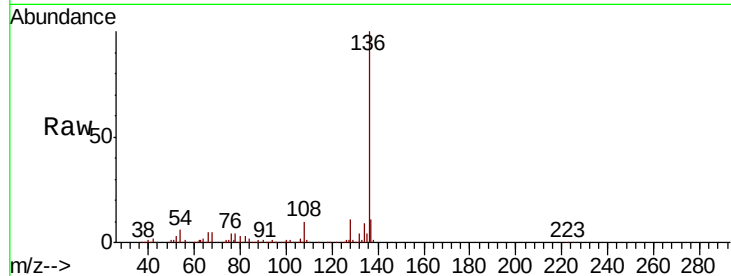
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	640407		
137	11.0	8.9	13.3	
54	5.7	4.8	7.2	
68	5.1	4.0	6.0	

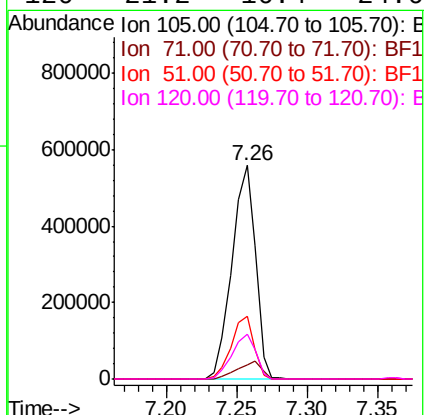
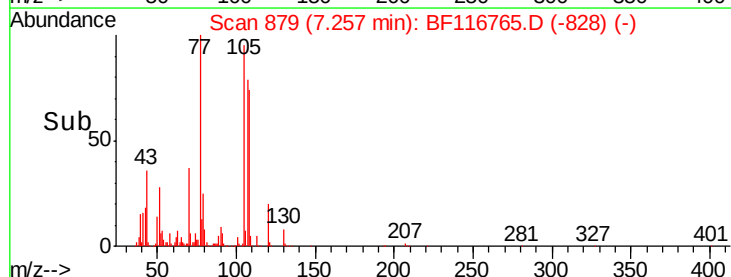
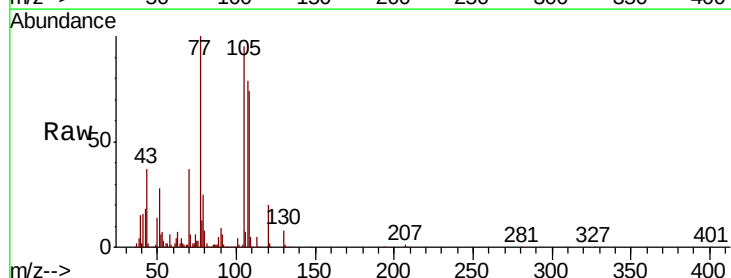
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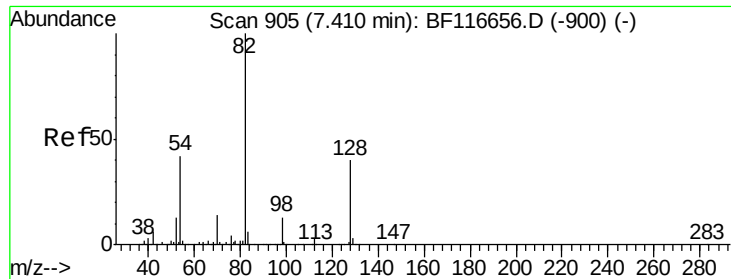
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#22
Acetophenone
Concen: 42.101 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	649105		
71	6.5	4.2	6.4#	
51	29.3	25.8	38.8	
120	21.2	16.4	24.6	





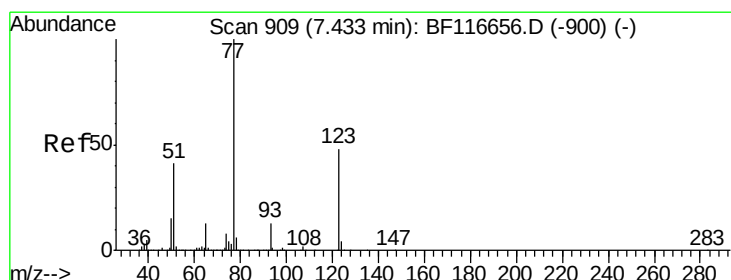
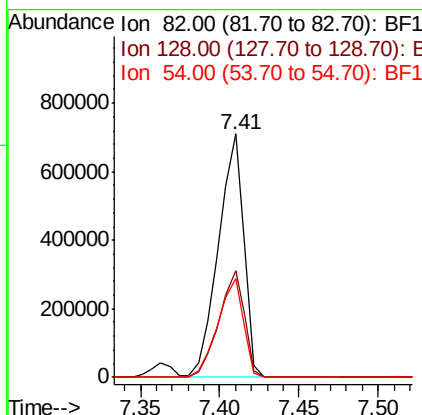
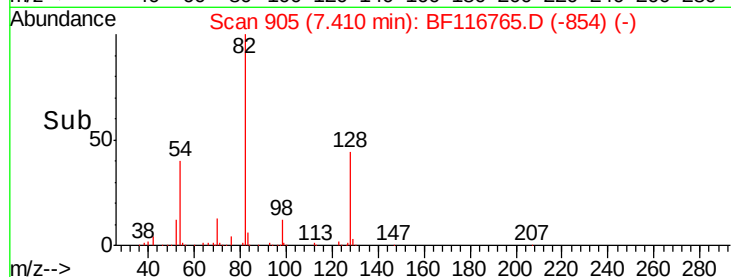
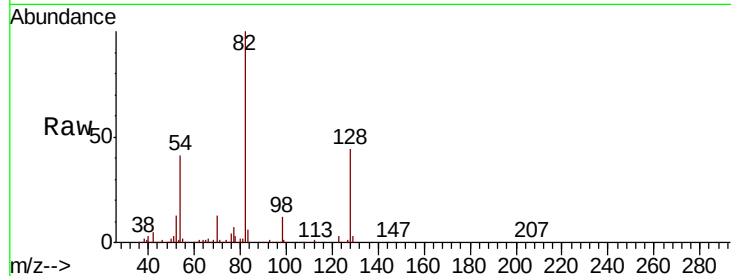
#23
Nitrobenzene-d5
Concen: 70.367 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	789375		
128	43.6		32.8	49.2
54	40.8		36.9	55.3

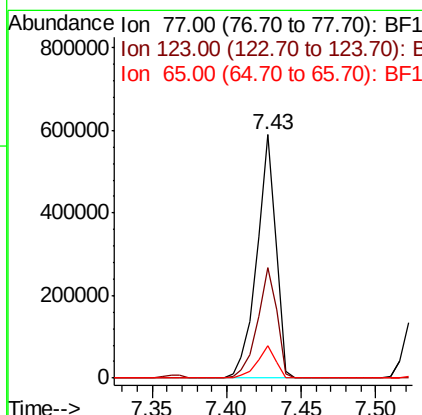
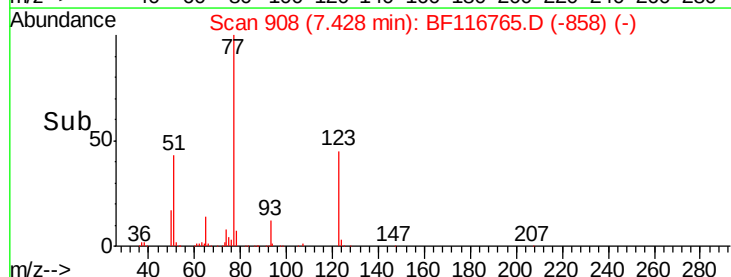
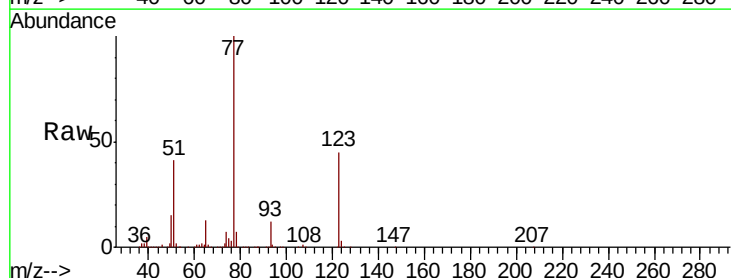
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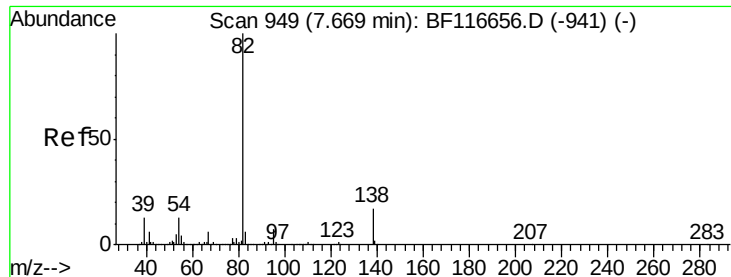
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#24
Nitrobenzene
Concen: 45.188 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	515562		
123	45.4		33.1	49.7
65	13.2		10.6	15.8





#25

Isophorone

Concen: 41.983 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

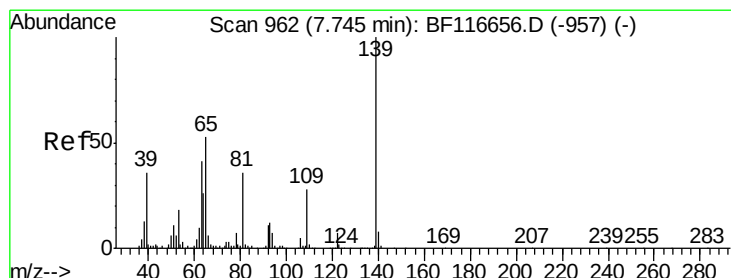
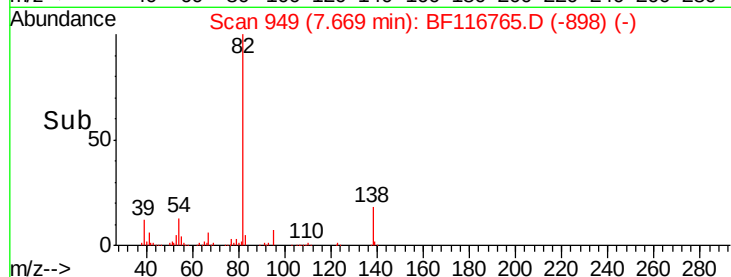
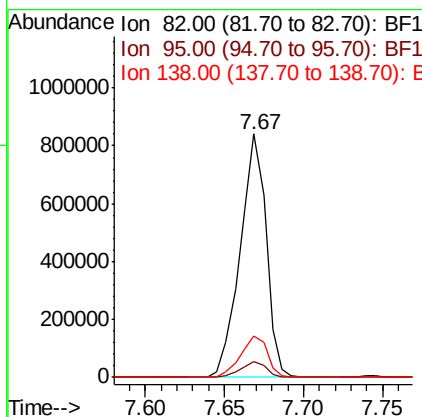
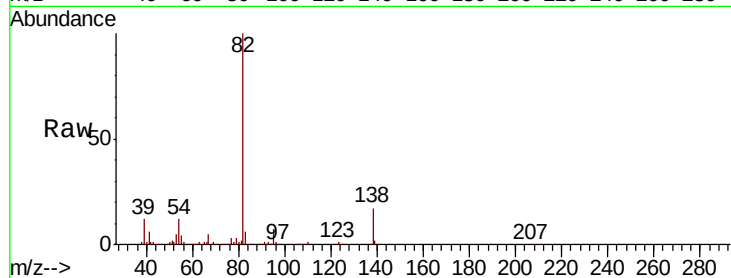
ClientSampleId :

PB122720BS

Tot Ion:	82	Resp:	954349
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.8	8.6
138	17.2	13.5	20.3

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#26

2-Nitrophenol

Concen: 58.073 ng

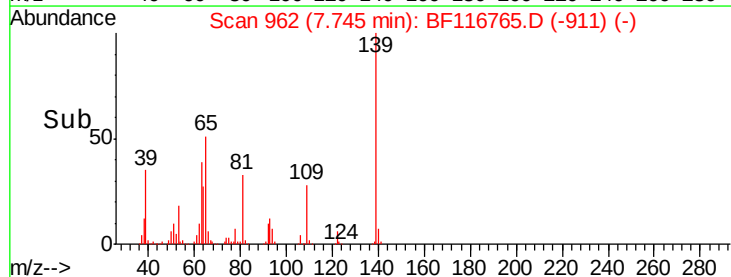
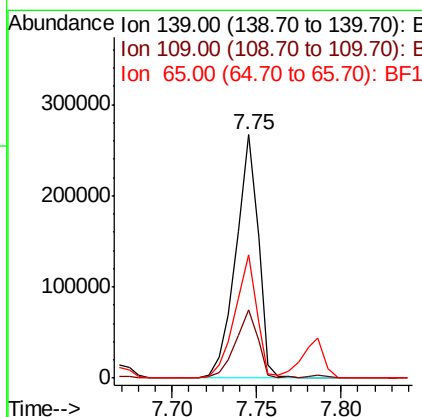
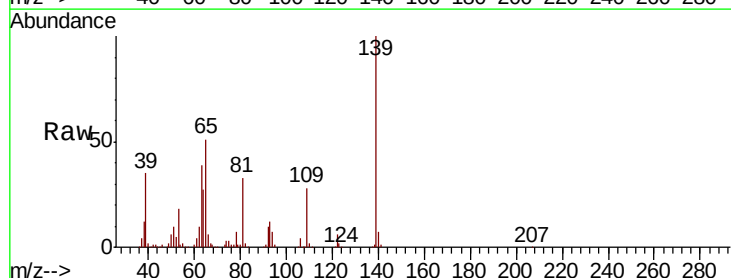
RT: 7.75 min Scan# 962

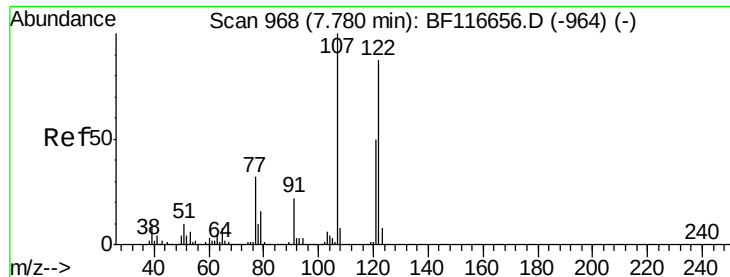
Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:	139	Resp:	246331
Ion Ratio	Lower	Upper	
139	100		
109	28.1	27.1	40.7
65	50.6	43.0	64.6





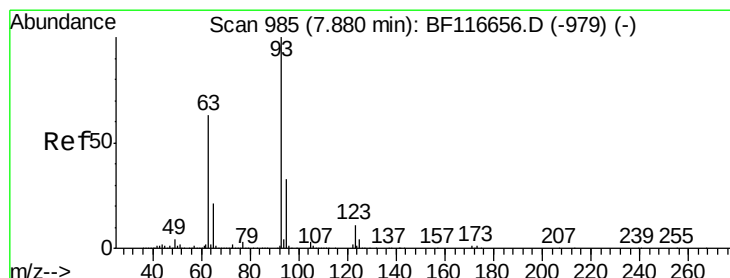
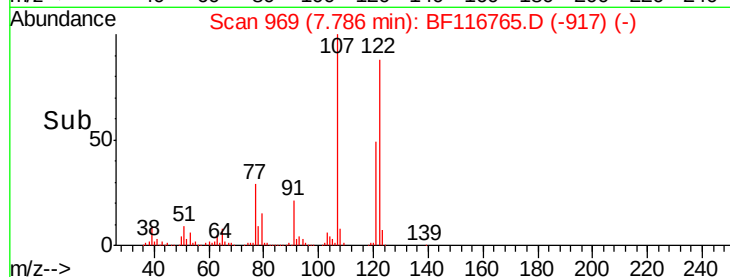
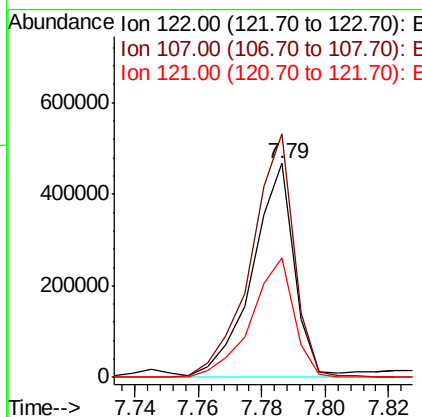
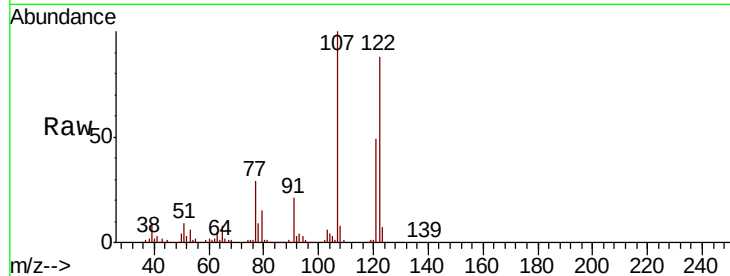
#27
2,4-Dimethylphenol
Concen: 50.086 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	113.9	98.1	147.1	
121	55.9	47.3	70.9	

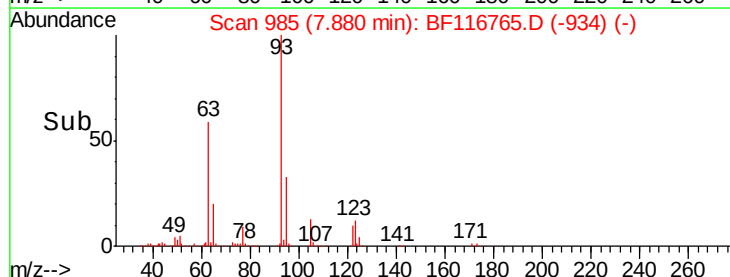
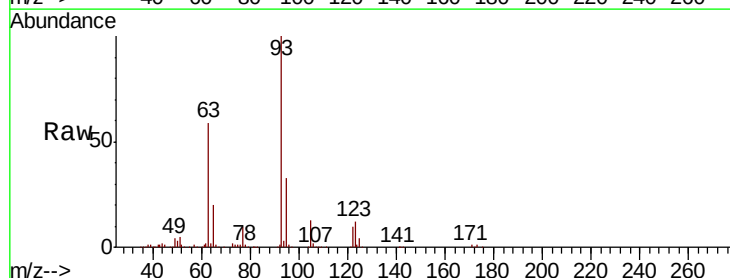
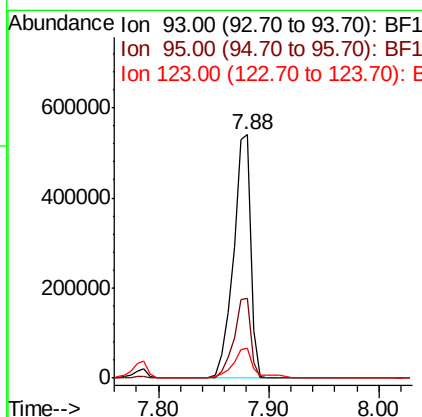
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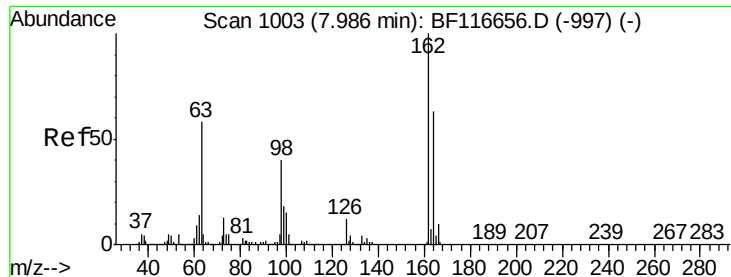
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.774 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.6	26.4	39.6	
123	12.5	9.8	14.8	





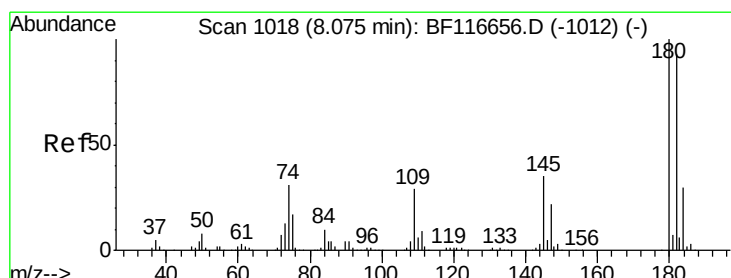
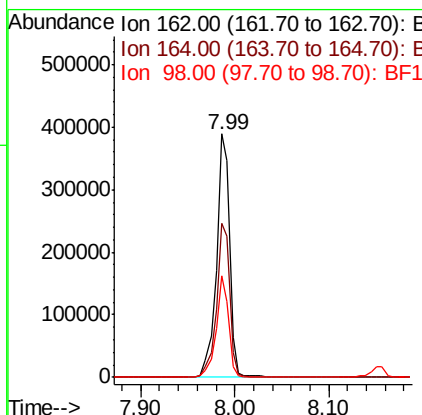
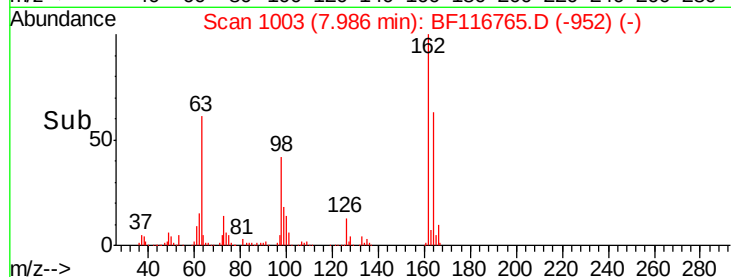
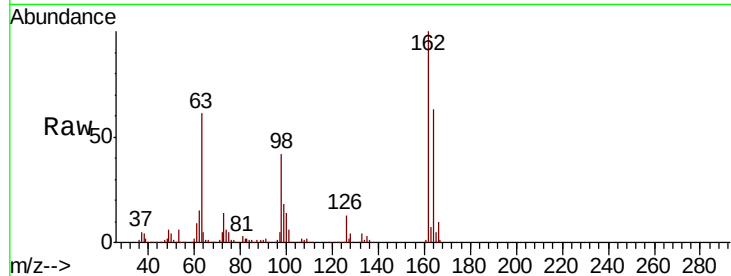
#29
 2,4-Dichlorophenol
 Concen: 46.772 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleID :
 PB122720BS

Tot Ion:	162	Resp:	385063
Ion Ratio		Lower	Upper
162	100		
164	63.2	43.4	83.4
98	41.6	18.1	58.1

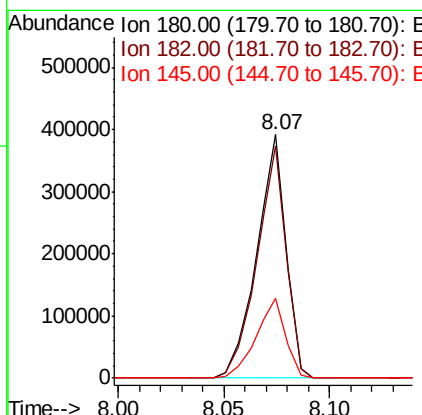
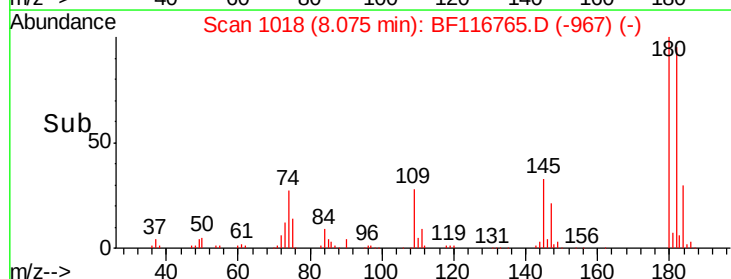
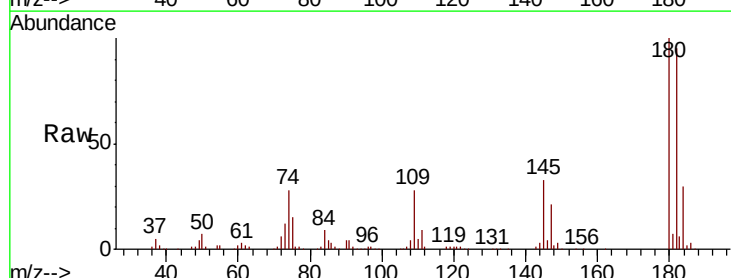
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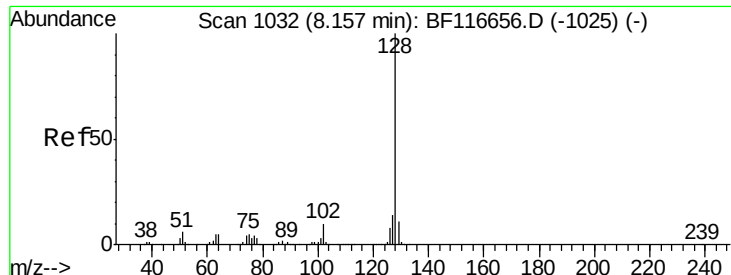
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.182 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion:	180	Resp:	376666
Ion Ratio		Lower	Upper
180	100		
182	95.1	78.6	118.0
145	32.5	25.7	38.5





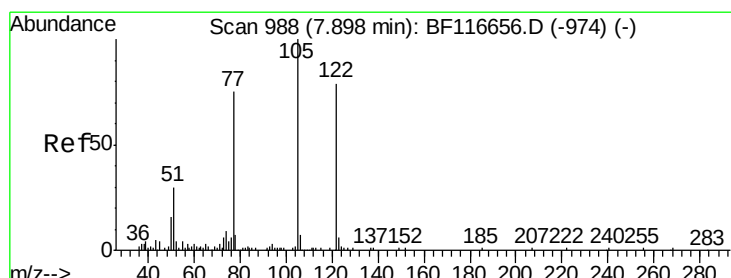
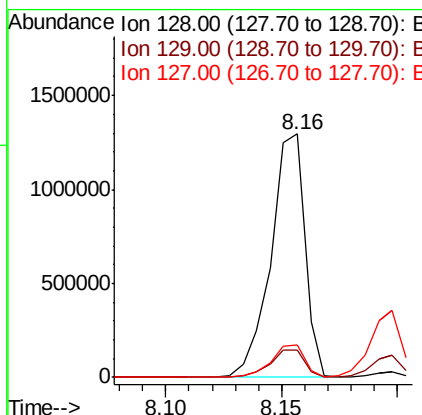
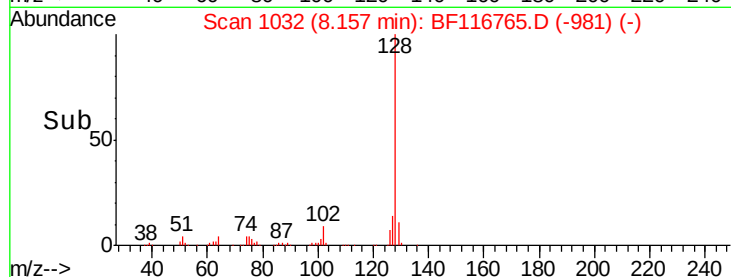
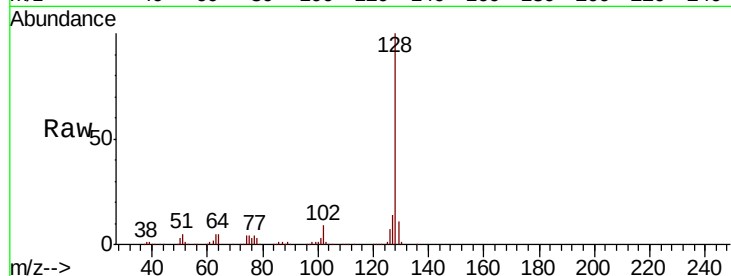
#31
Naphthalene
Concen: 43.583 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	10.4	15.6

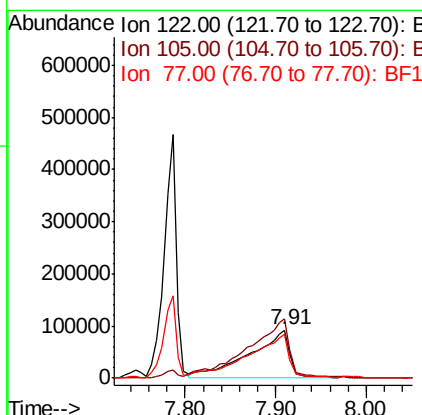
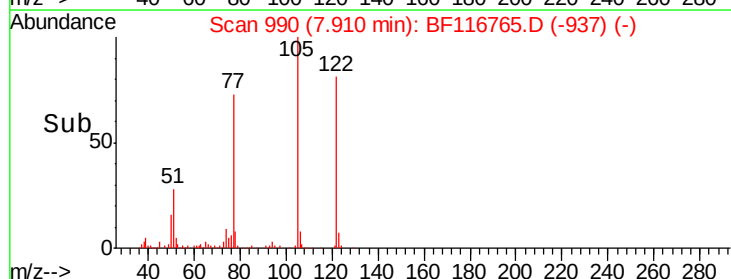
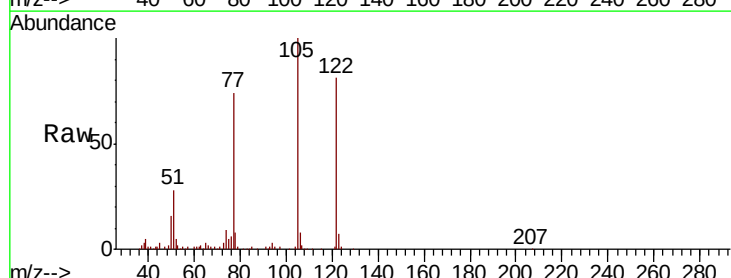
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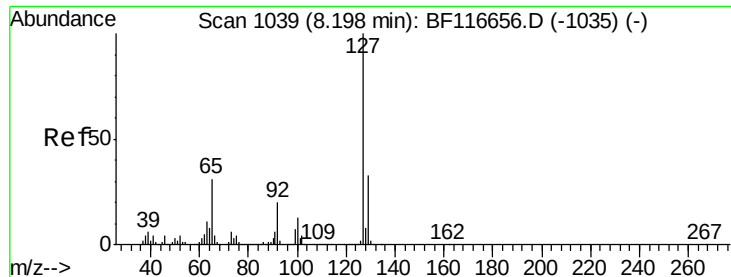
mohammad
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#32
Benzoic acid
Concen: 57.324 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	110.0	150.0
77	91.1	81.7	121.7





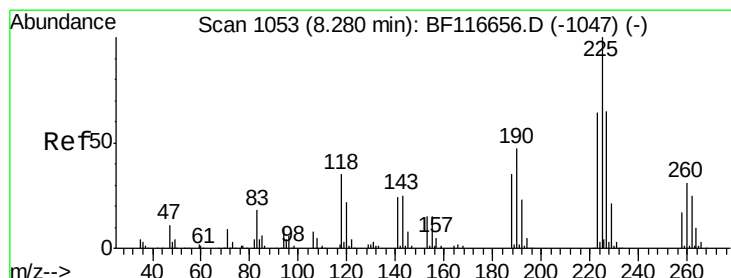
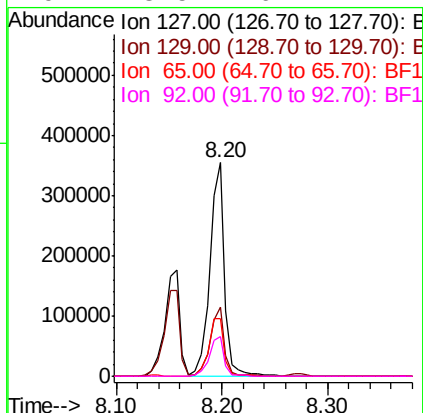
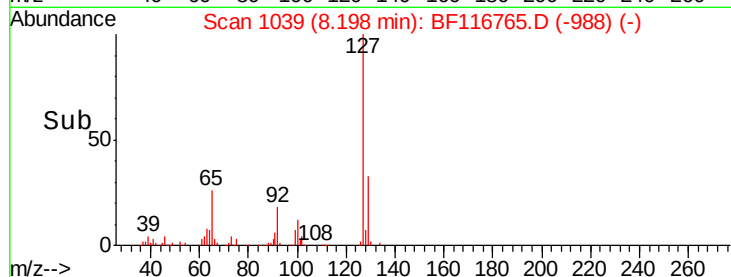
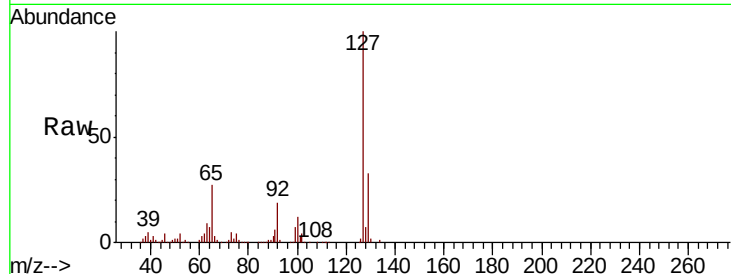
#33
 4-Chloroaniline
 Concen: 24.979 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.2	
65	26.7	26.0	39.0	
92	18.5	16.1	24.1	

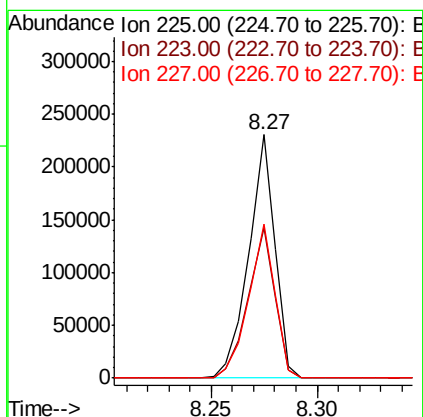
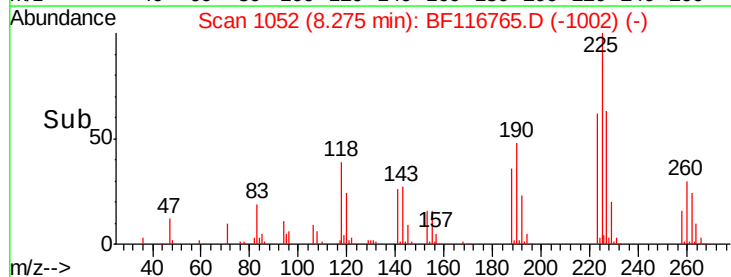
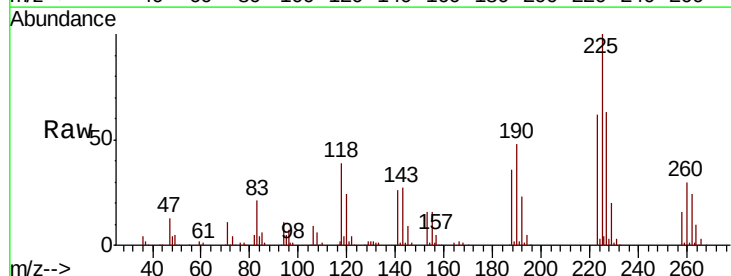
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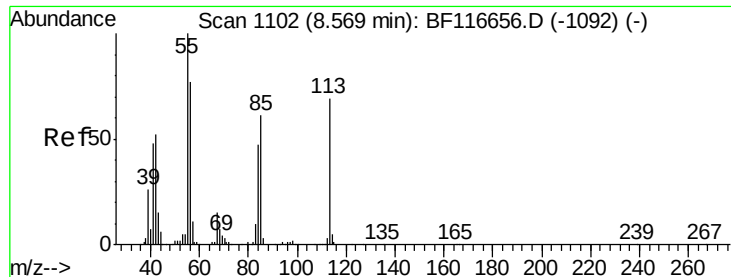
mohammad
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#34
 Hexachlorobutadiene
 Concen: 40.960 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	49.4	74.2	
227	63.2	51.0	76.4	





#35

Caprolactam

Concen: 43.828 ng/ml

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

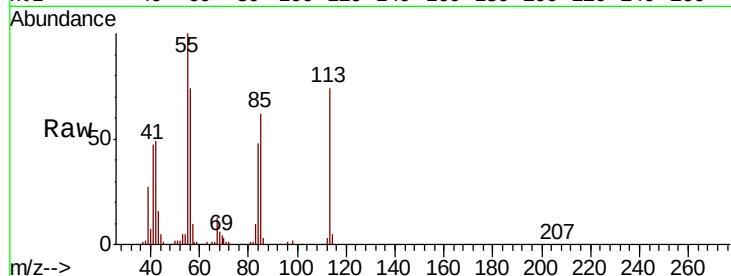
ClientSampleID :

PB122720BS

Tot Ion:	113	Resp:	135035
Ion Ratio	Lower	Upper	
113	100		
55	135.8	124.3	164.3
56	100.8	94.6	134.6

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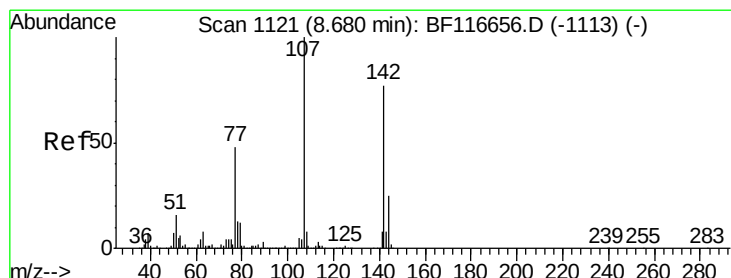
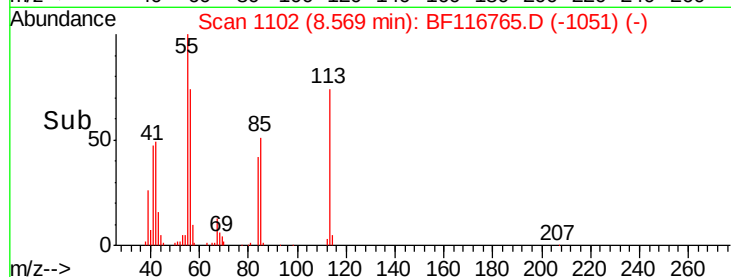
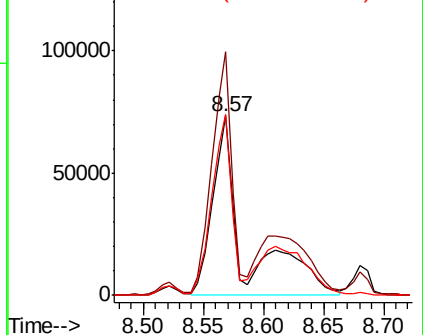
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.699 ng/ml

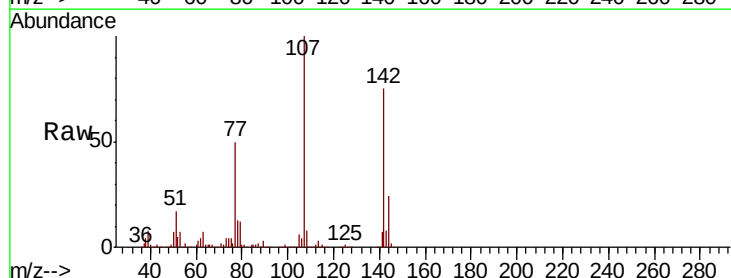
RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

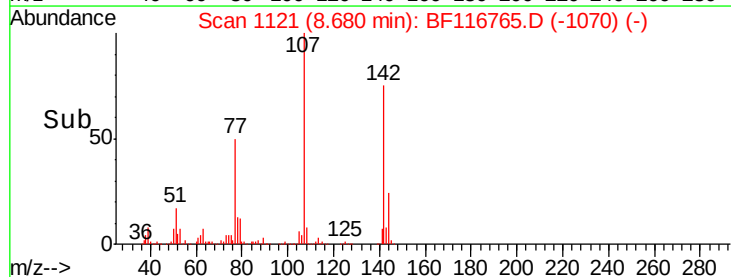
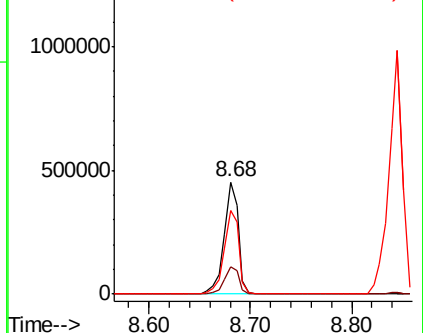
Tgt Ion:	107	Resp:	441874
Ion Ratio	Lower	Upper	
107	100		
144	23.9	18.6	27.8
142	74.9	58.5	87.7

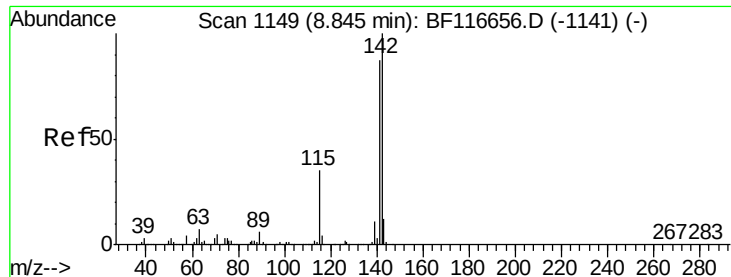


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





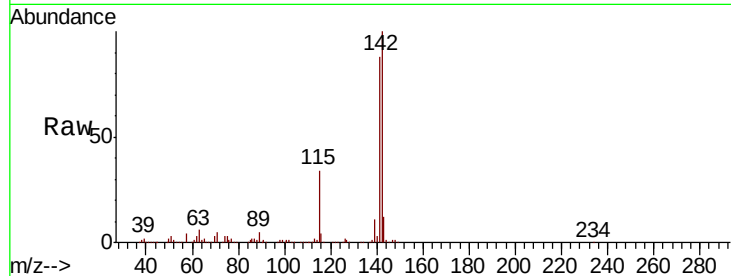
#37
2-Methylnaphthalene
Concen: 44.427 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	900157		
141	88.4	72.6	109.0	
115	33.6	29.8	44.6	

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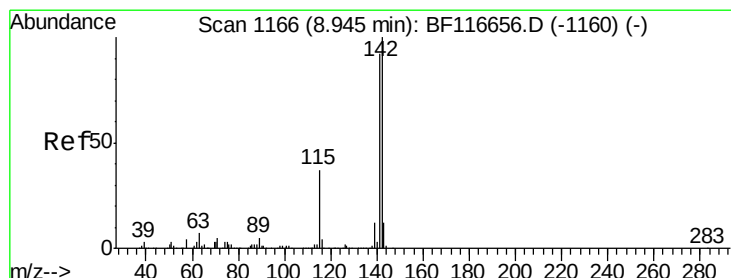
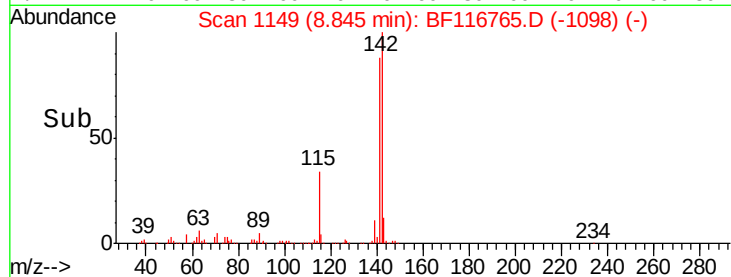
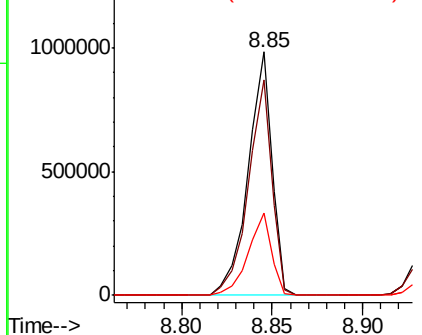


Abundance

Ion 142.00 (141.70 to 142.70): E

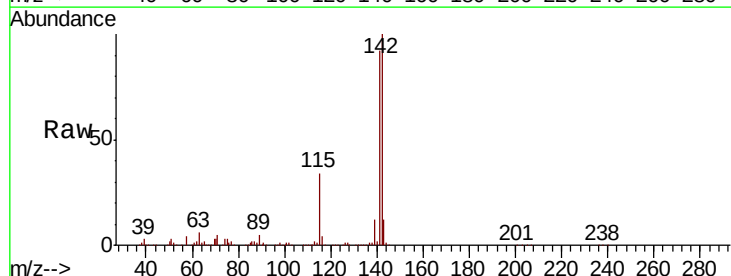
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.104 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	843560		
141	91.9	73.9	110.9	
116	3.7	3.0	4.6	

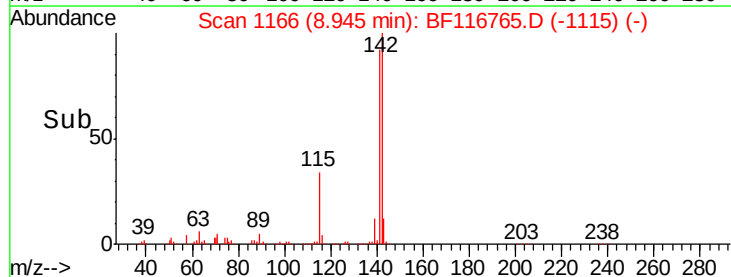
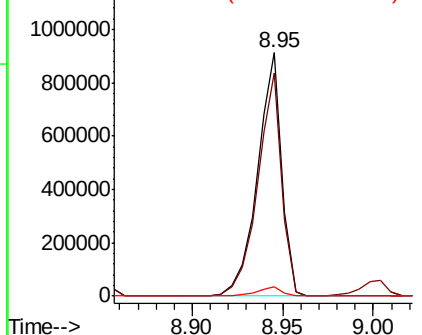


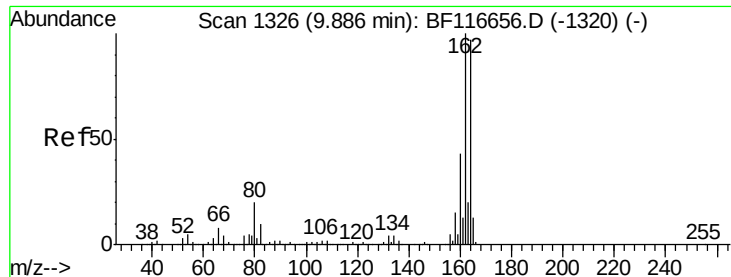
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

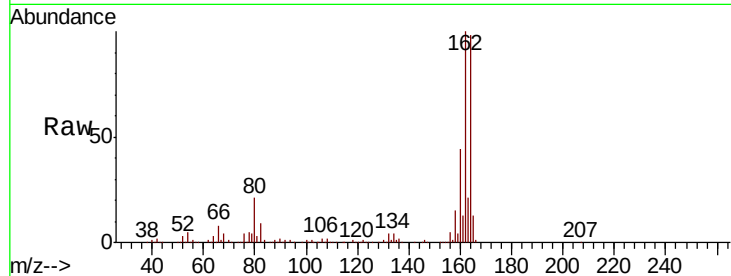
ClientSampleId :

PB122720BS

Tot Ion:	164	Resp:	337032
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.4	122.0
160	45.4	35.4	53.2

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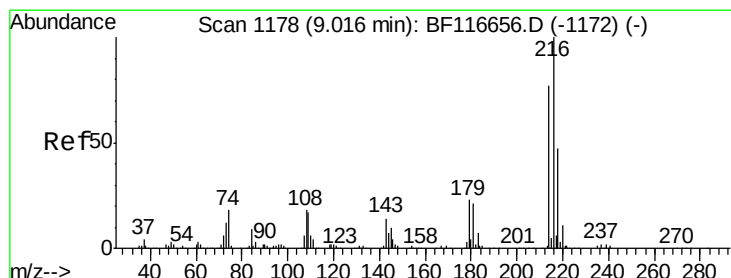
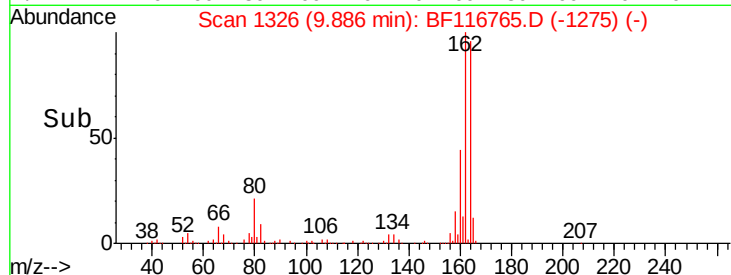
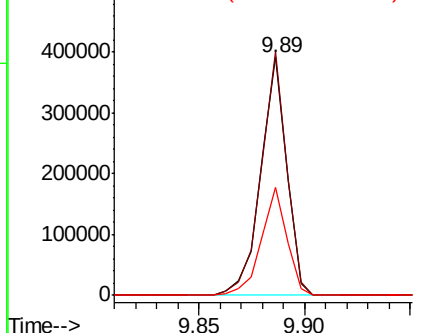


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.545 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:	216	Resp:	327578
Ion Ratio	Lower	Upper	
216	100		
214	80.3	62.7	94.1
179	23.7	19.3	28.9
108	26.3	16.6	25.0#

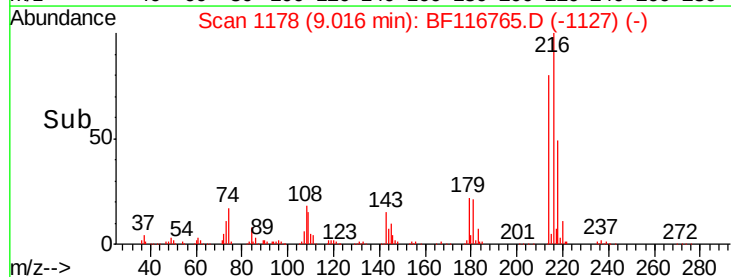
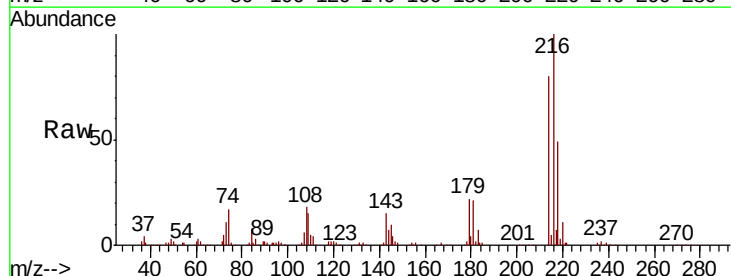
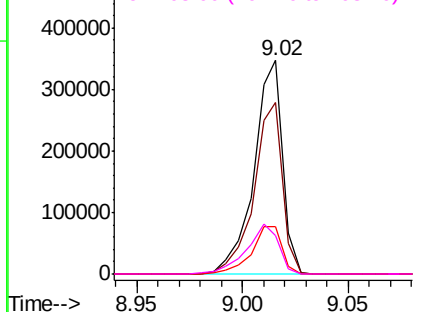
Abundance

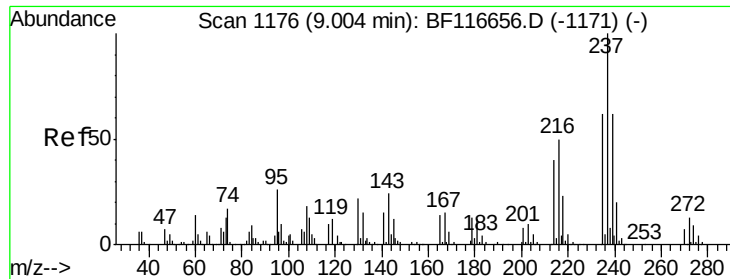
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





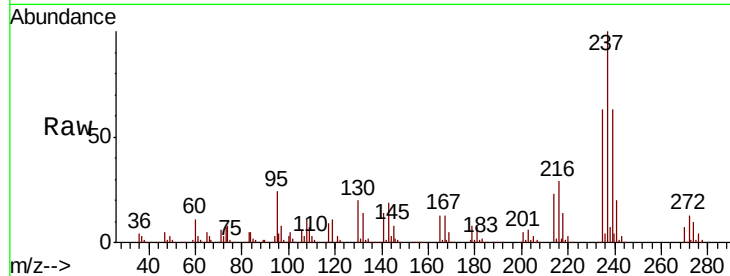
#41
Hexachlorocyclopentadiene
Concen: 87.324 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

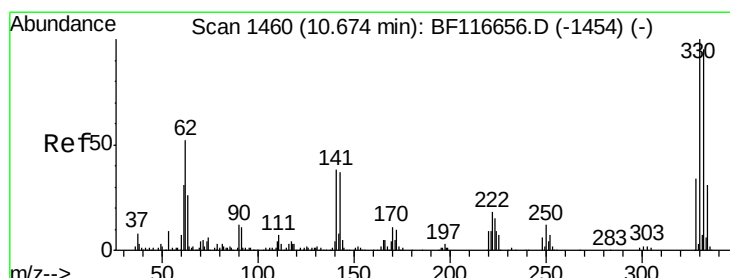
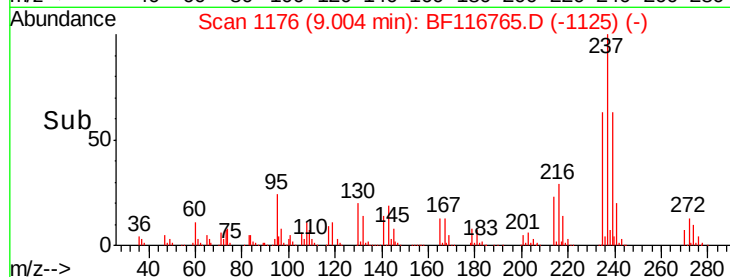
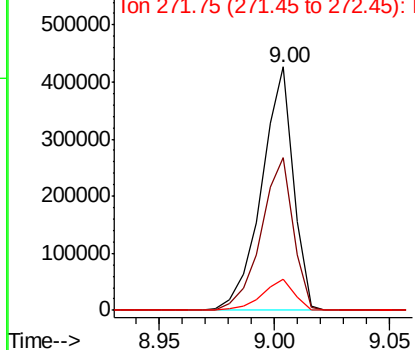
Tot Ion	Ratio	Resp	Lower	Upper
237	100	407411		
235	62.8	41.4	81.4	
272	12.7	0.0	32.8	

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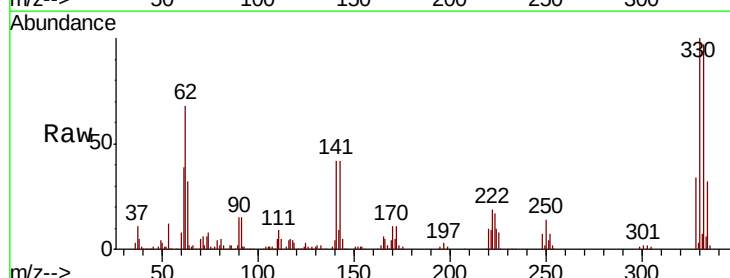


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

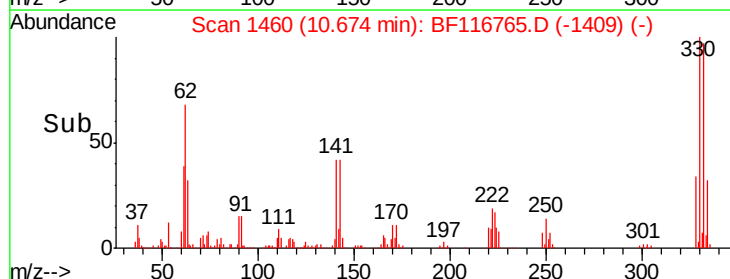
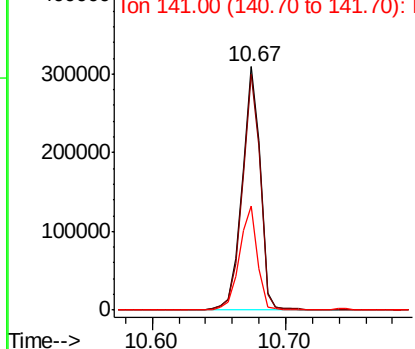


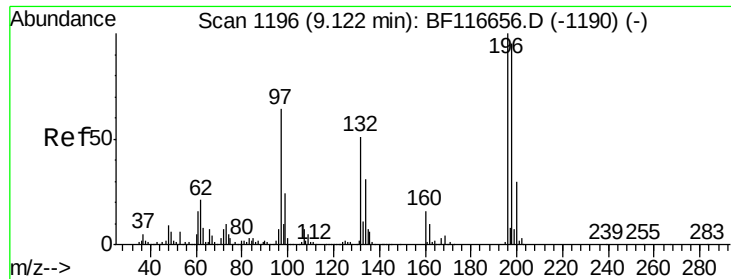
#42
2,4,6-Tribromophenol
Concen: 128.866 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	290353		
332	96.5	76.9	115.3	
141	42.5	31.4	47.2	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





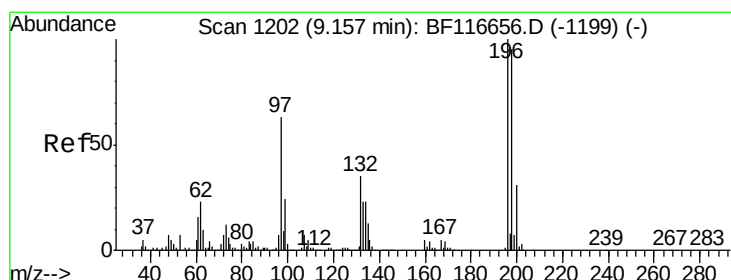
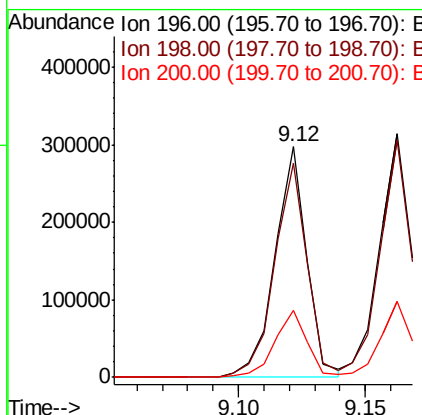
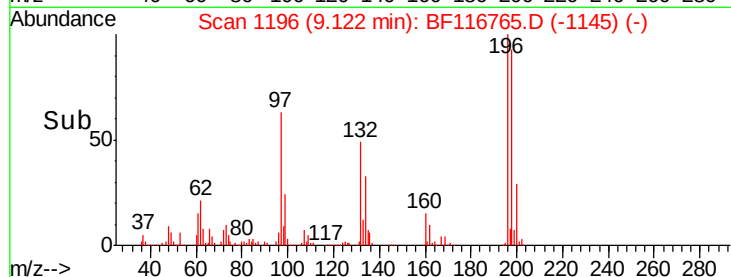
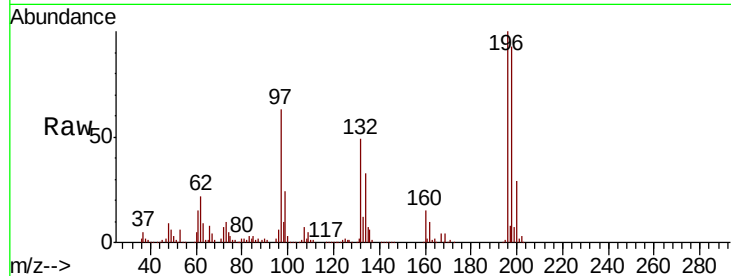
#43
 2,4,6-Trichlorophenol
 Concen: 47.303 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	261981		
198	93.1	79.1	118.7	
200	29.4	24.0	36.0	

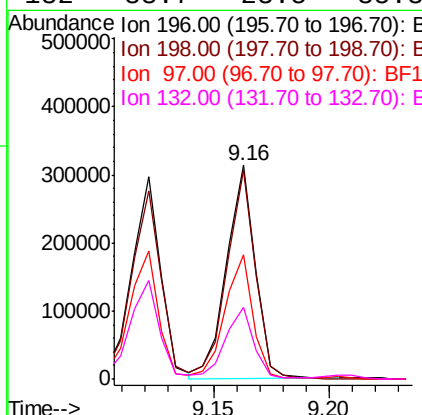
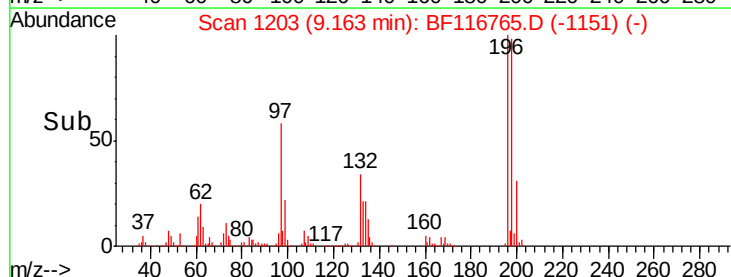
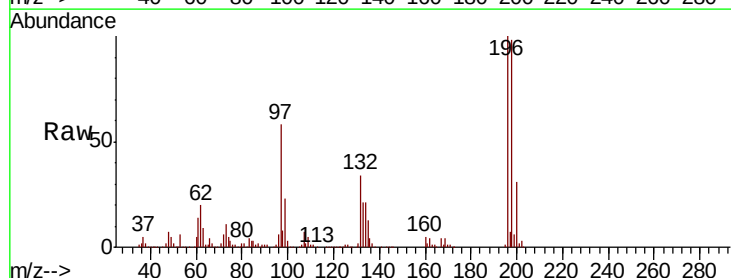
Manual Integrations
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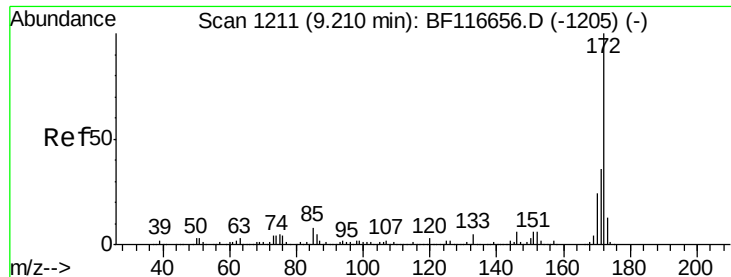
mohammad
 9/6/2019 8:18:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.357 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272290		
198	97.7	78.1	117.1	
97	58.3	41.6	62.4	
132	33.7	23.5	35.3	





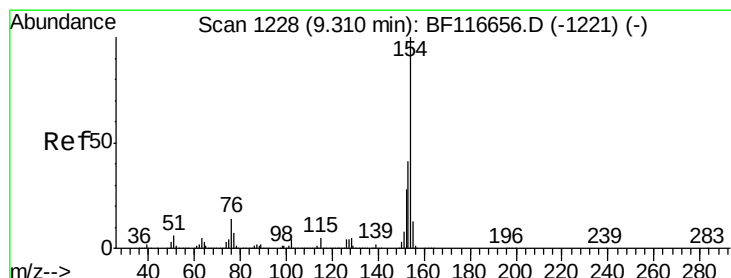
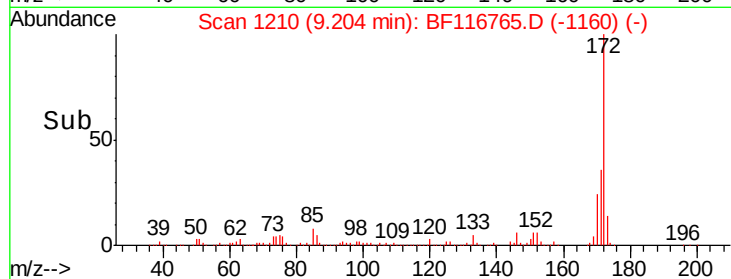
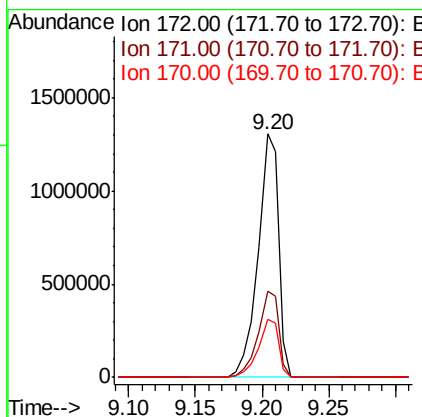
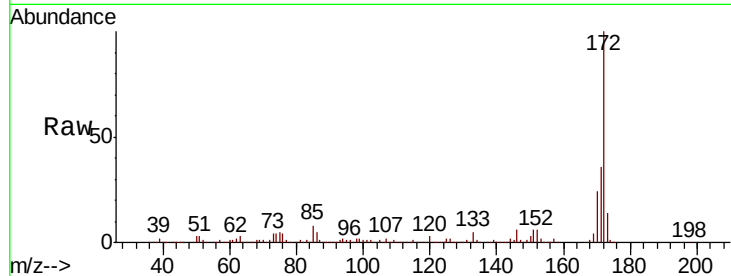
#45
2-Fluorobiphenyl
Concen: 68.363 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.8	41.6
170	24.0	18.9	28.3

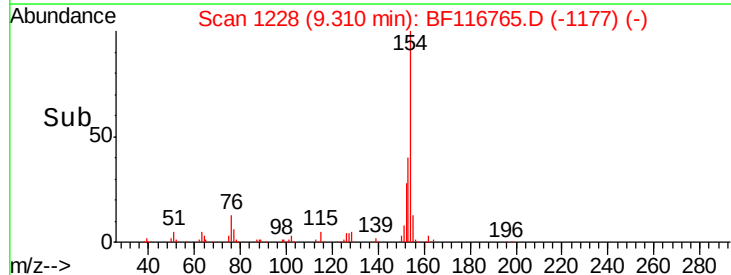
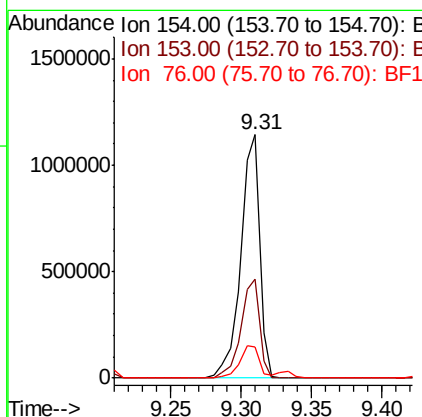
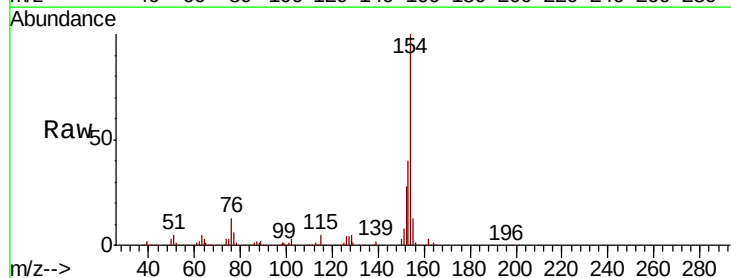
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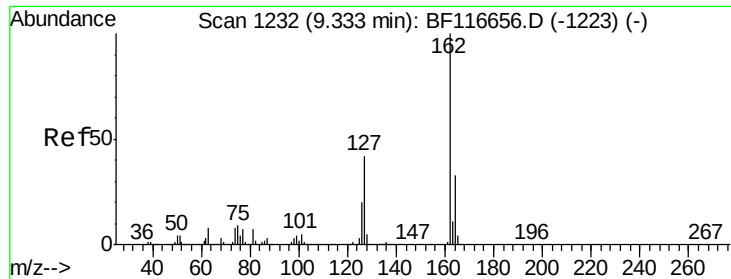
mohammad
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#46
1,1'-Biphenyl
Concen: 41.599 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	12.6	0.0	30.9





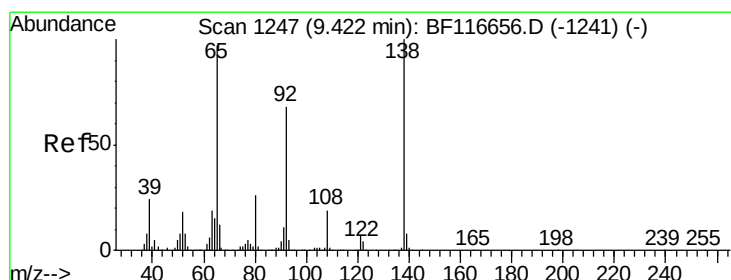
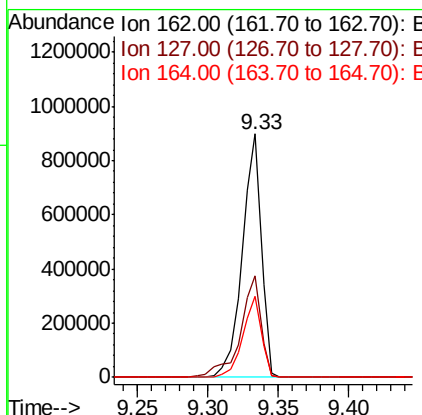
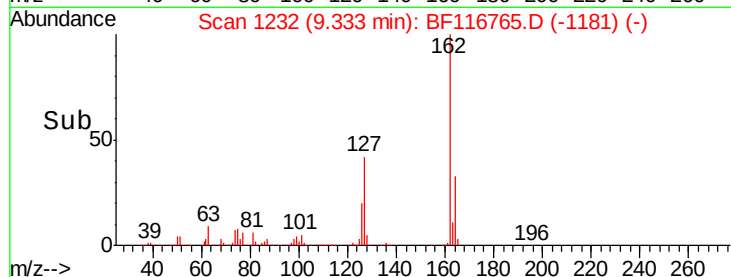
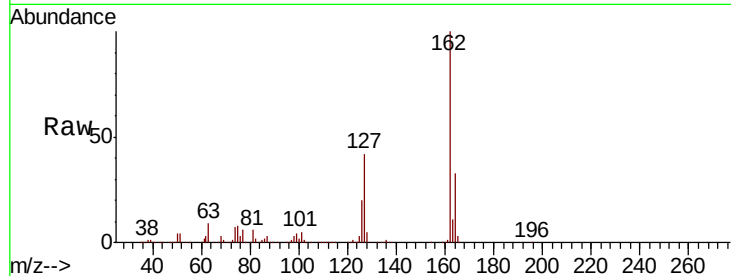
#47
2-Chloronaphthalene
Concen: 41.484 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	840303		
127	41.6		33.4	50.2
164	33.4		26.6	39.8

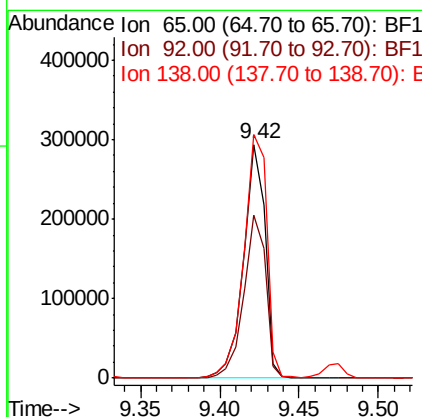
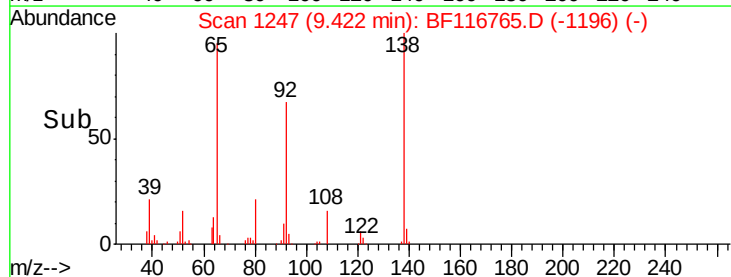
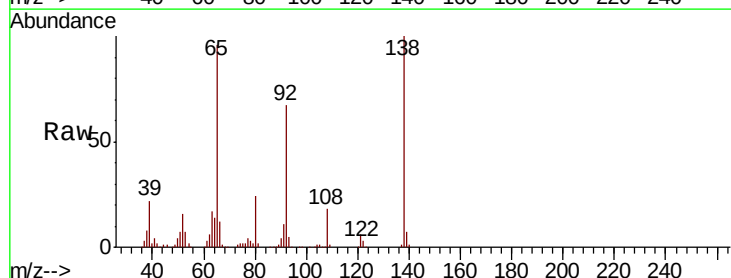
Manual Integrations
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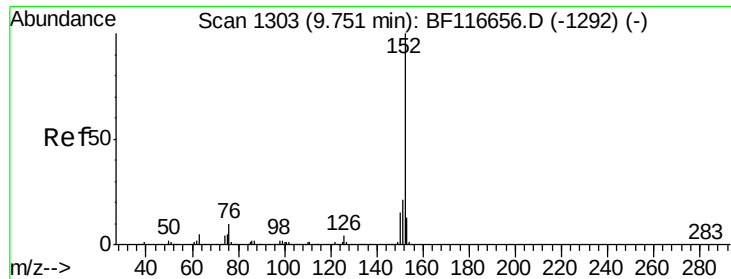
mohammad
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#48
2-Nitroaniline
Concen: 47.210 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	276464		
92	70.0		57.1	85.7
138	104.3		88.2	132.2





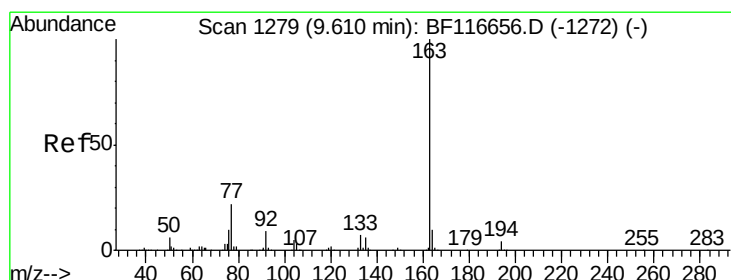
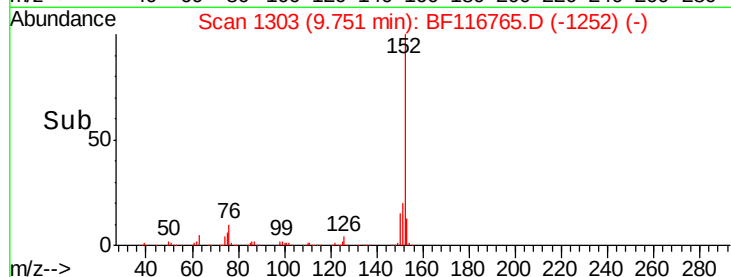
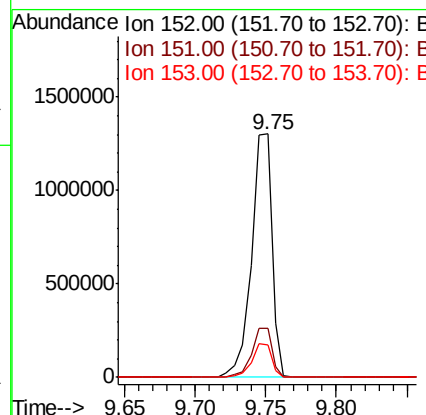
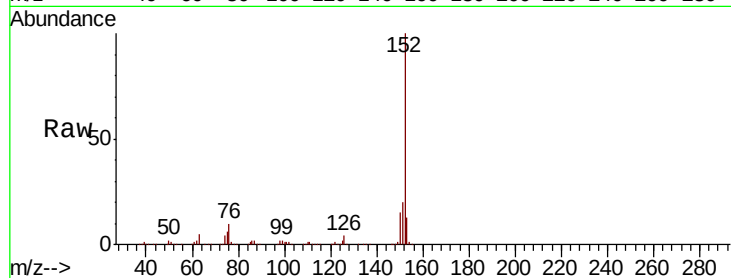
#49
Acenaphthylene
Concen: 43.476 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.1	10.9	16.3

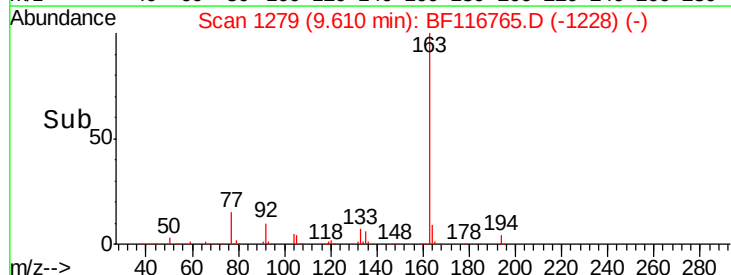
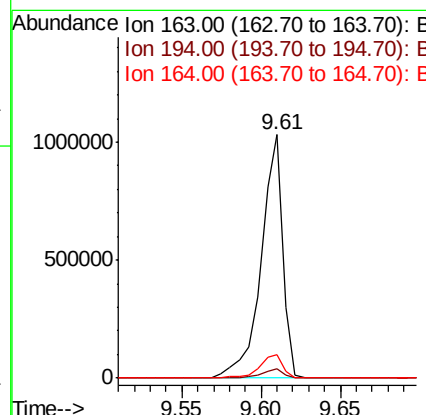
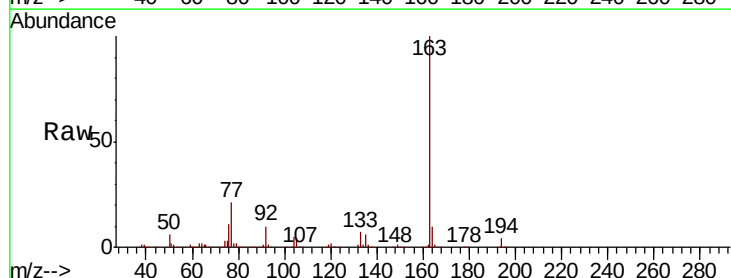
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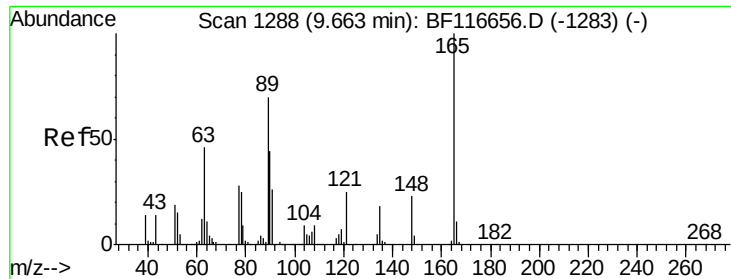
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#50
Dimethylphthalate
Concen: 42.197 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.7	8.6	12.8





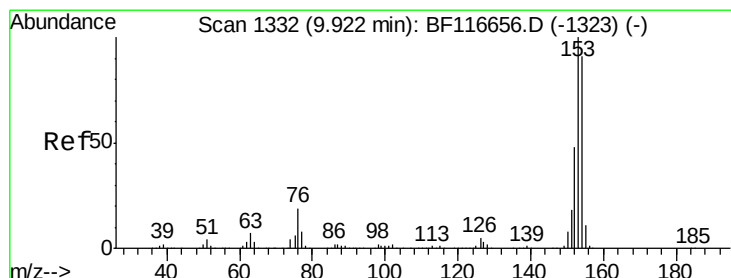
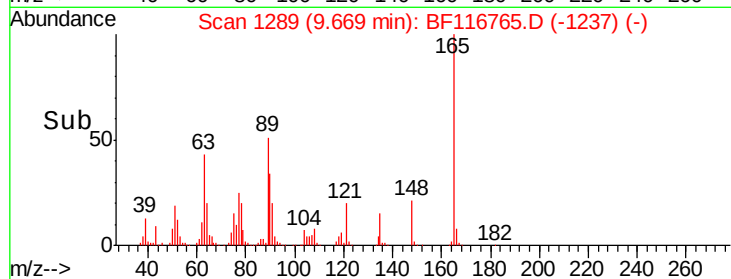
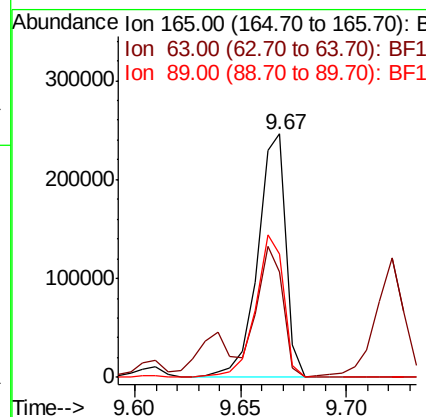
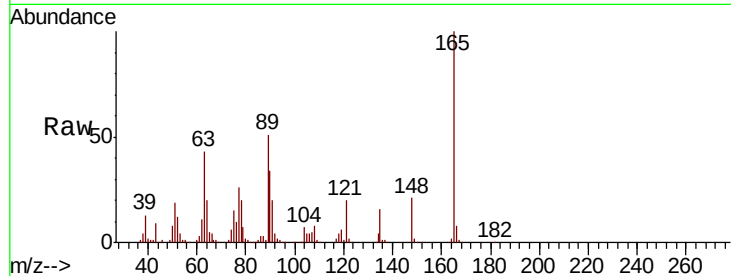
#51
 2,6-Dinitrotoluene
 Concen: 51.639 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	229249		
63	43.2	47.3	70.9#	
89	50.8	52.5	78.7#	

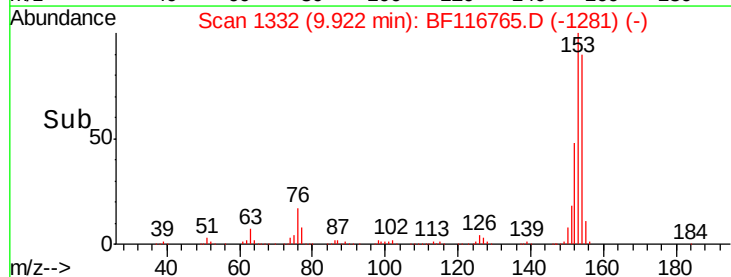
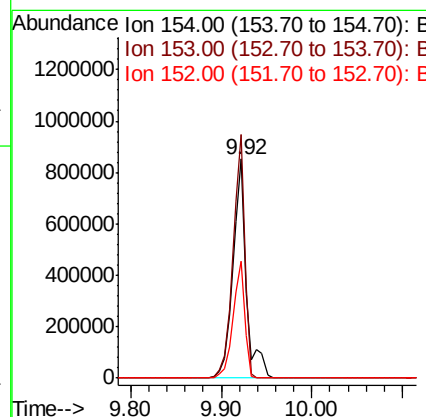
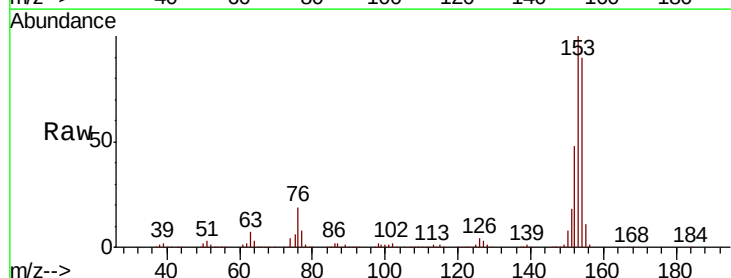
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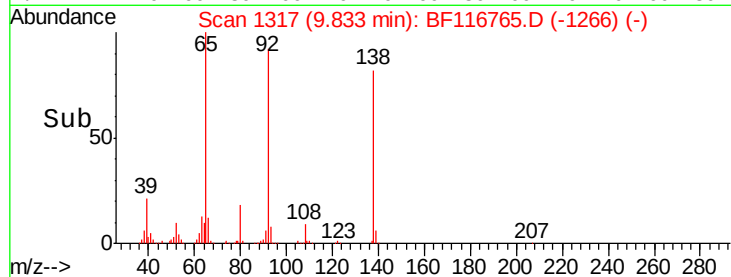
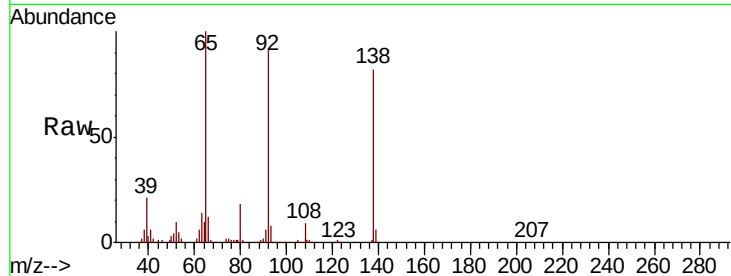
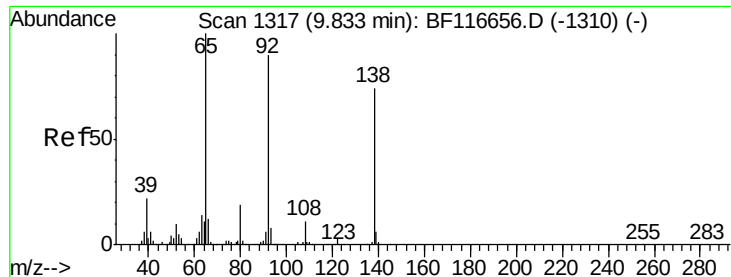
mohammad
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#52
 Acenaphthene
 Concen: 46.074 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	866819		
153	111.2	89.5	134.3	
152	53.1	41.9	62.9	





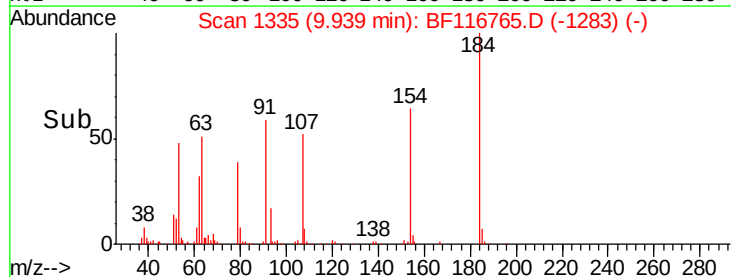
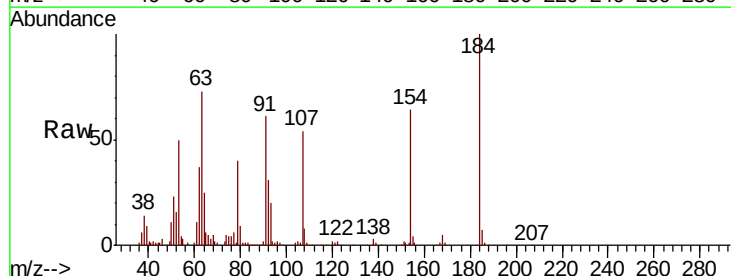
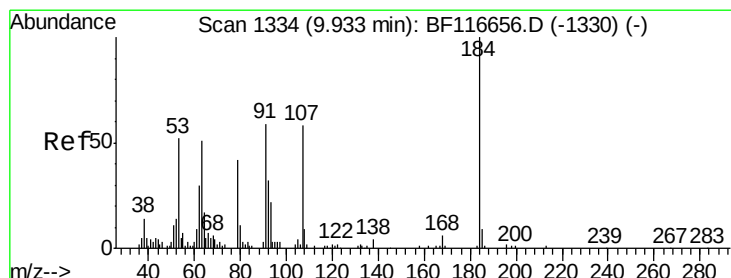
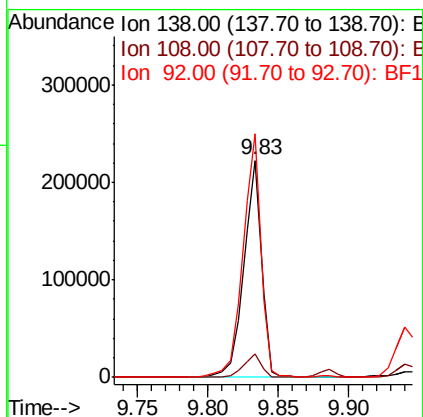
#53
3-Nitroaniline
Concen: 35.141 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tot Ion	Ratio	Resp	Lower	Upper
138	100	195509		
108	10.6	8.5	12.7	
92	112.2	87.2	130.8	

Instrument :
BNA_F
ClientSampleId :
PB122720BS

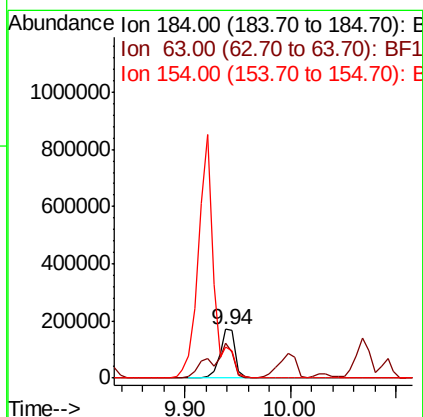
Manual Integrations
APPROVED

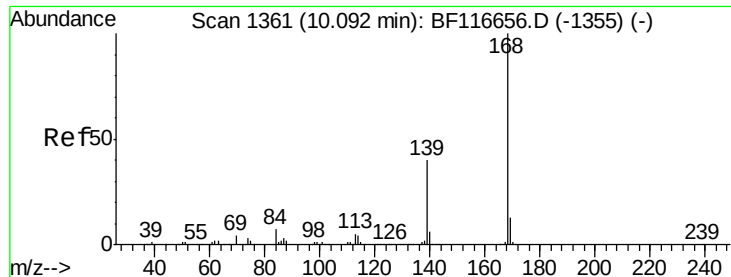
mohammad
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#54
2,4-Dinitrophenol
Concen: 106.254 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	172646		
63	72.7	52.2	78.2	
154	63.9	60.8	91.2	





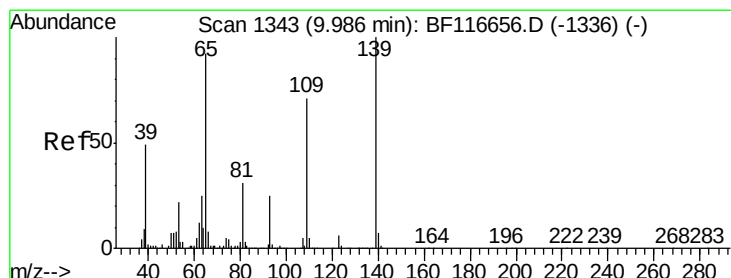
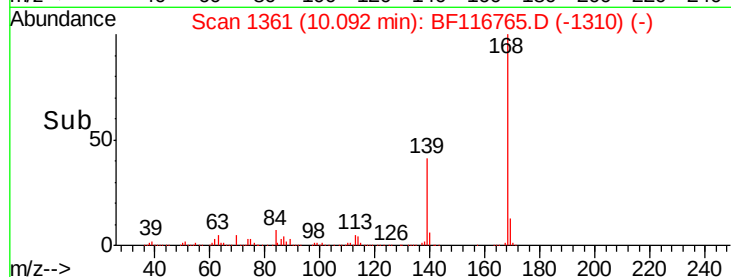
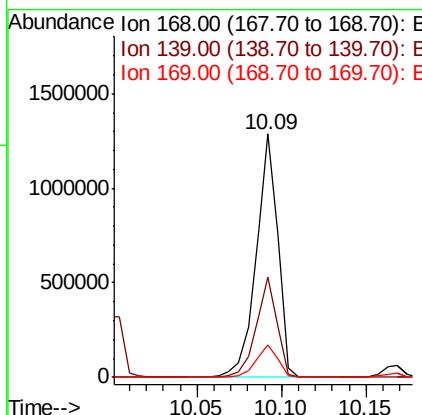
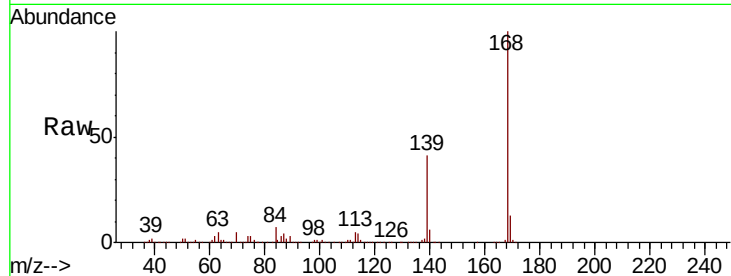
#55
Dibenzofuran
Concen: 43.240 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.5	47.3
169	13.4	10.3	15.5

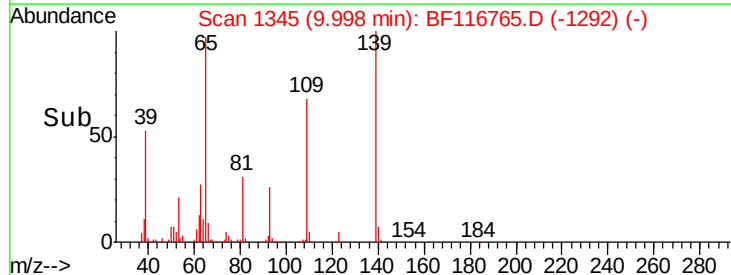
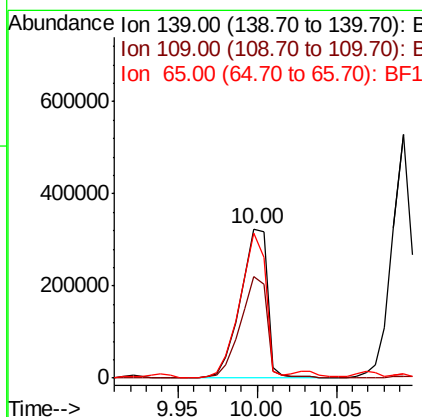
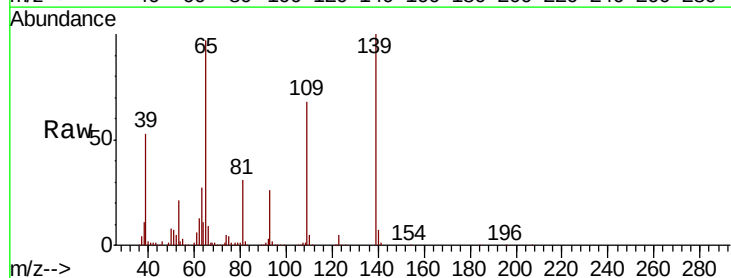
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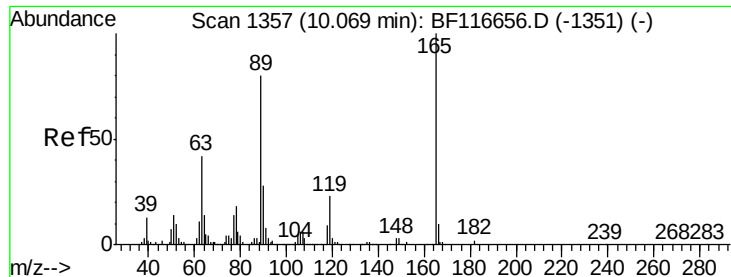
mohammad
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#56
4-Nitrophenol
Concen: 101.044 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.4	61.7	101.7
65	96.8	89.1	129.1





#57

2,4-Dinitrotoluene

Concen: 55.433 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

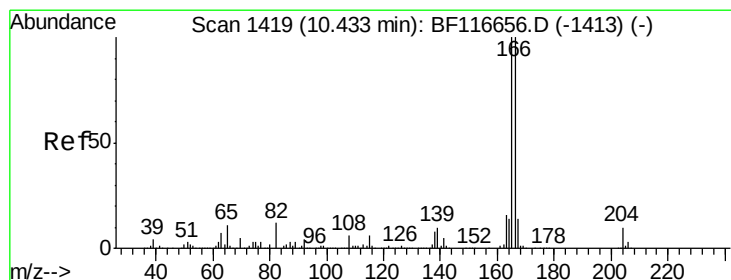
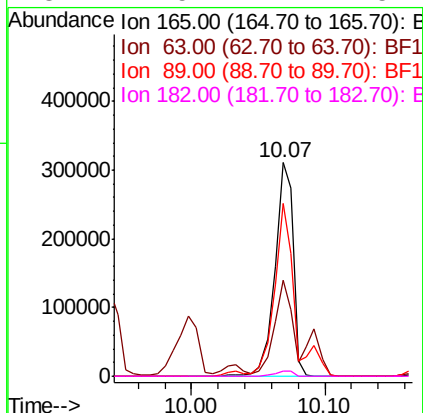
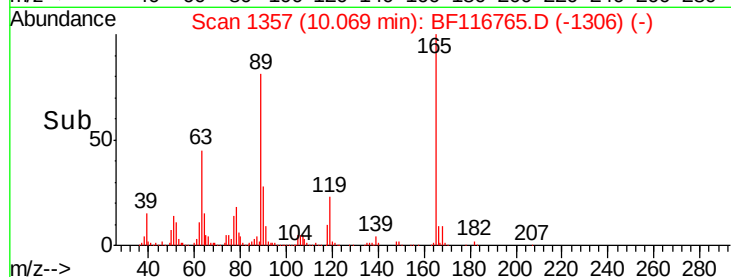
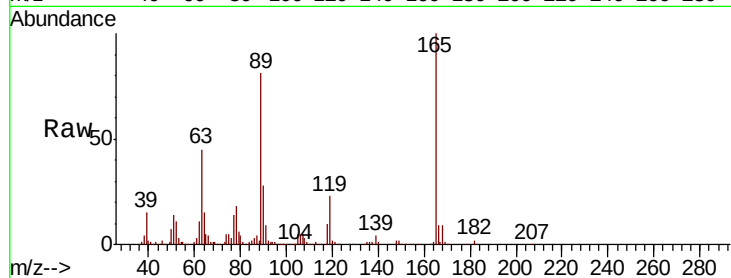
ClientSampleId :

PB122720BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		300915		
63	44.7		36.4		54.6
89	81.2		62.6		94.0
182	2.5		2.1		3.1

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#58

Fluorene

Concen: 43.836 ng

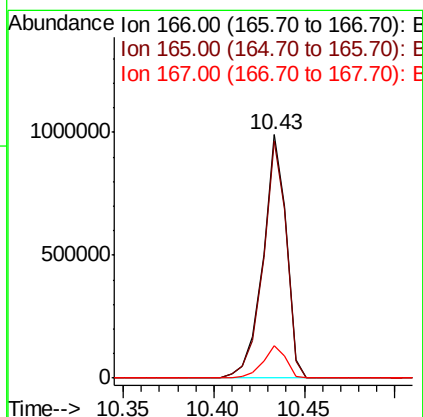
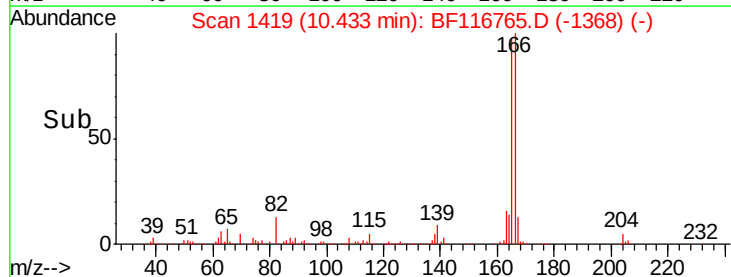
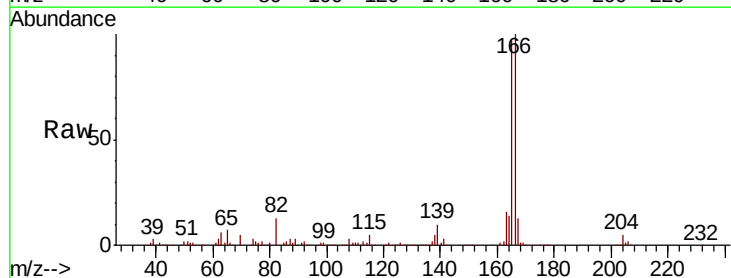
RT: 10.43 min Scan# 1419

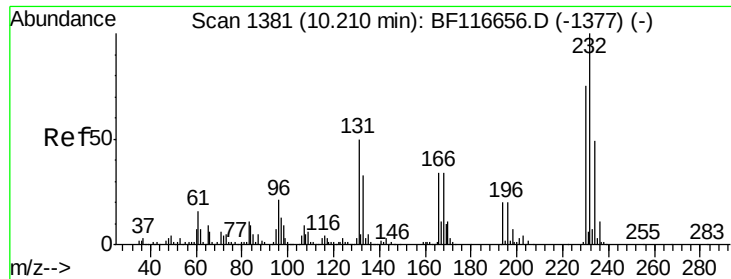
Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		885866		
165	97.5		78.8		118.2
167	13.2		10.0		15.0





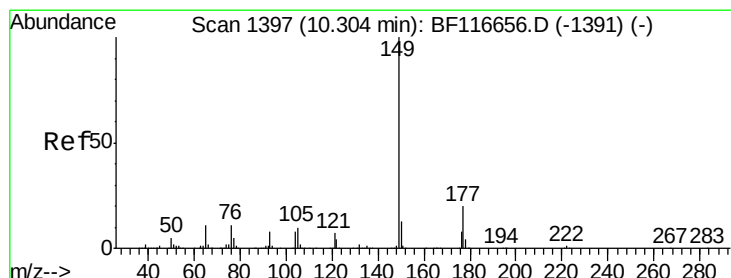
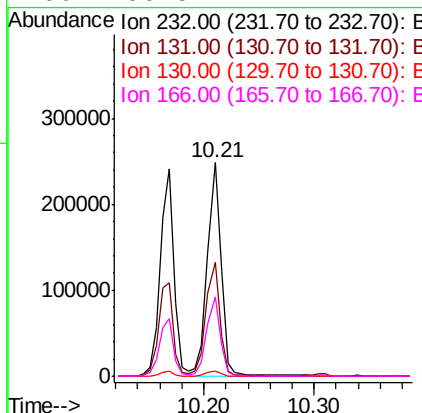
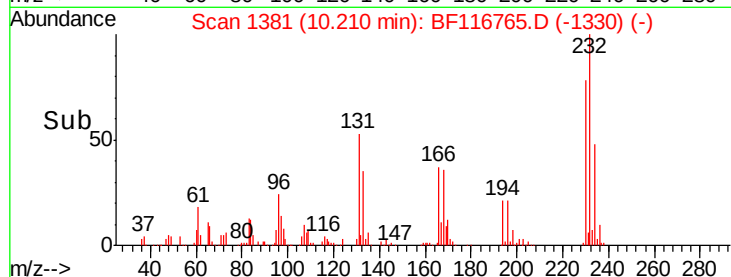
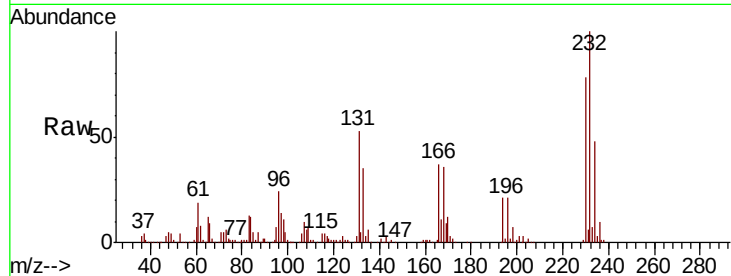
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.515 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	209619		
131	53.9		42.7	64.1
130	2.7		1.9	2.9
166	36.5		27.4	41.2

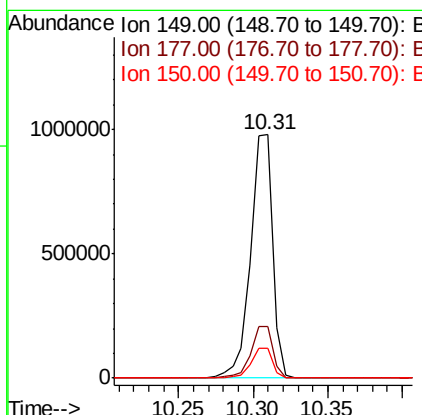
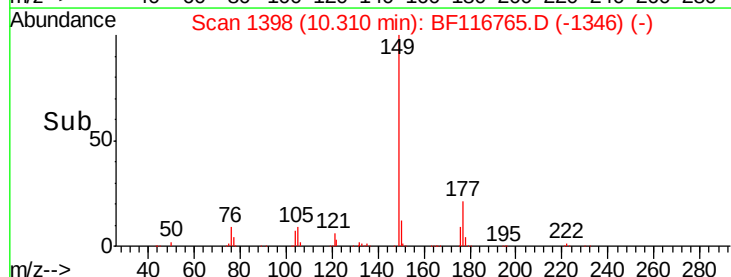
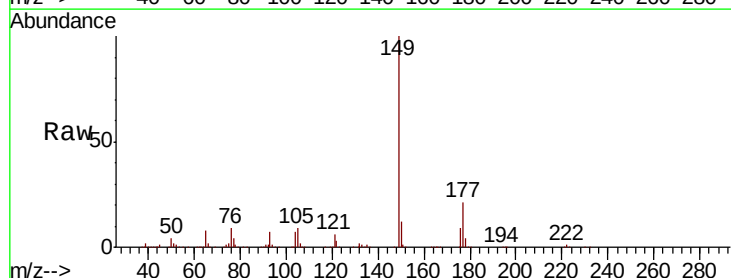
Manual Integrations
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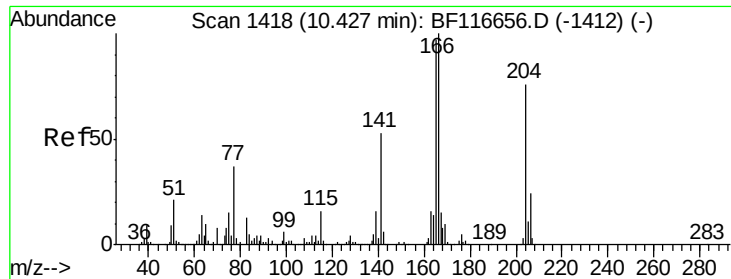
mohammad
9/6/2019 8:18:01 AM



#60
Diethylphthalate
Concen: 42.841 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	998533		
177	21.4		17.2	25.8
150	12.4		9.7	14.5





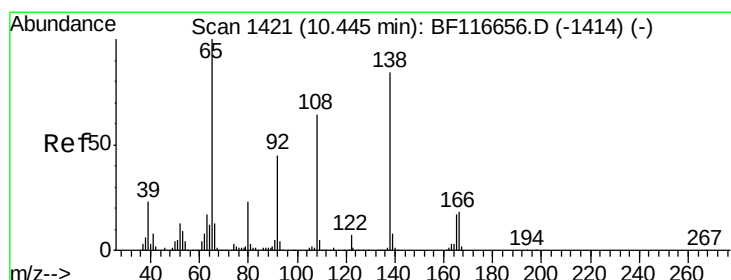
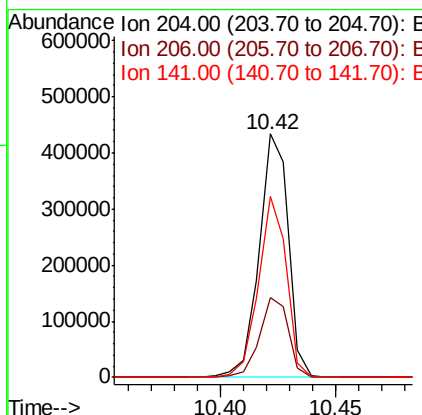
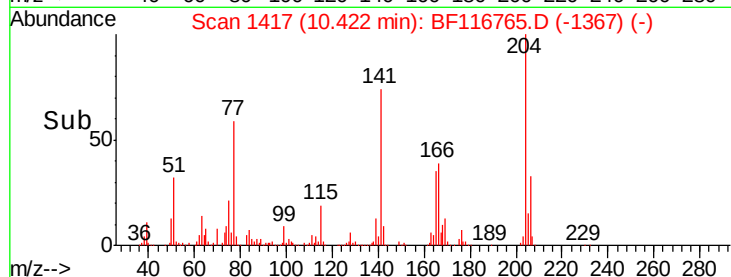
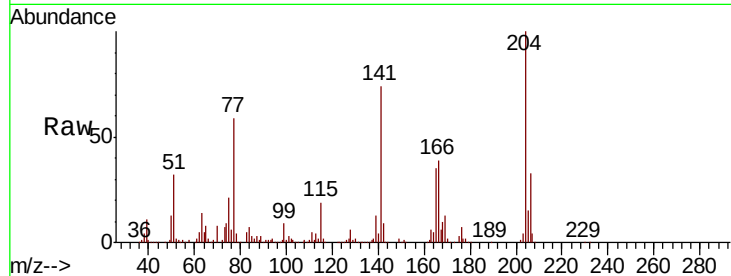
#61
4-Chlorophenyl-phenylether
Concen: 43.278 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampled :
PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	382983		
206	33.0	25.4	38.2	
141	74.5	53.8	80.8	

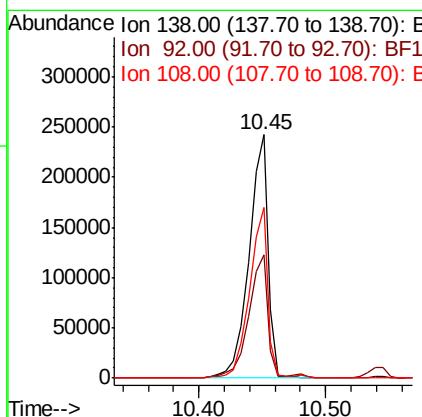
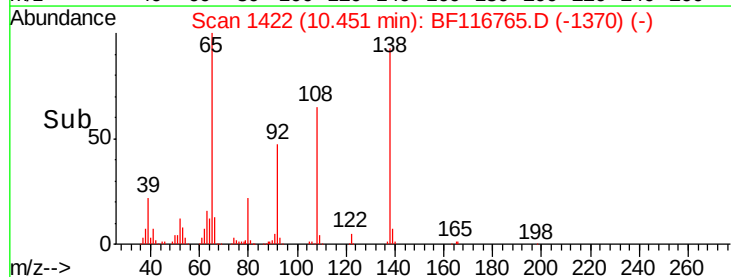
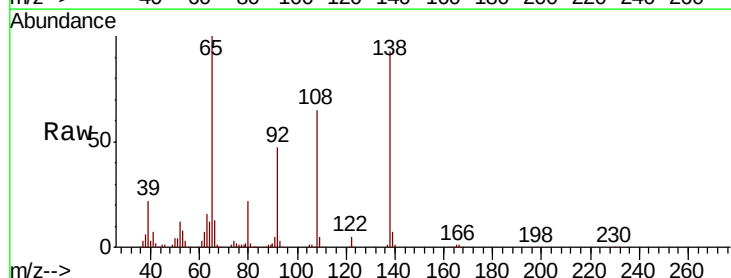
Manual Integrations
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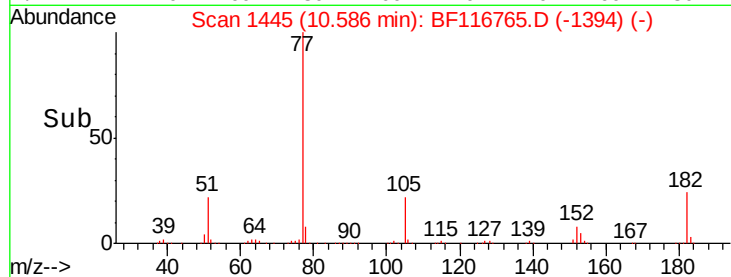
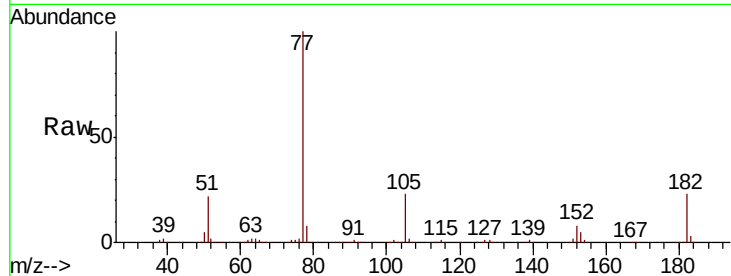
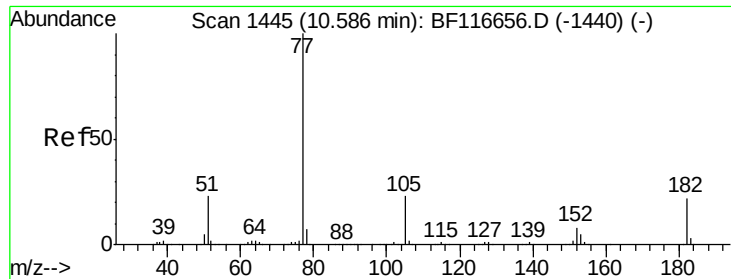
mohammad
9/6/2019 8:18:01 AM



#62
4-Nitroaniline
Concen: 47.284 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	255298		
92	50.4	28.7	68.7	
108	70.1	60.4	100.4	





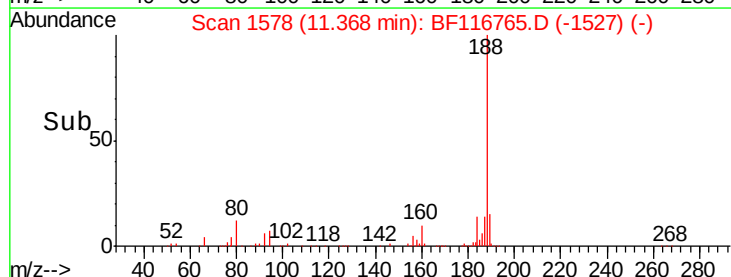
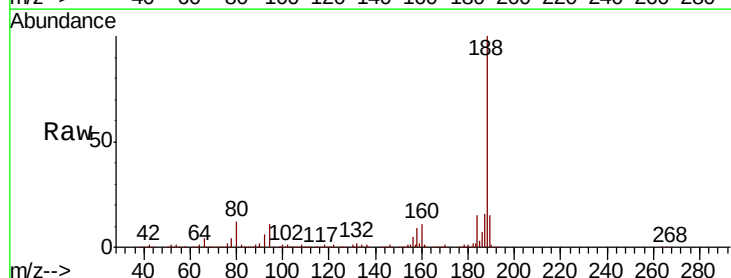
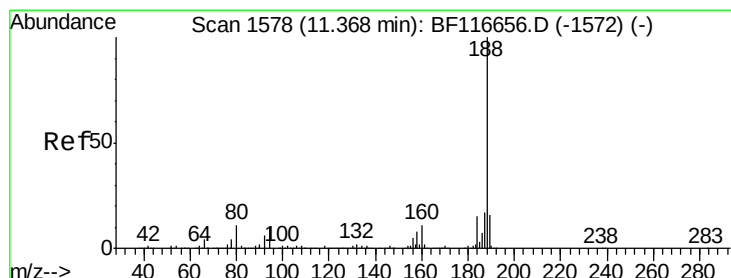
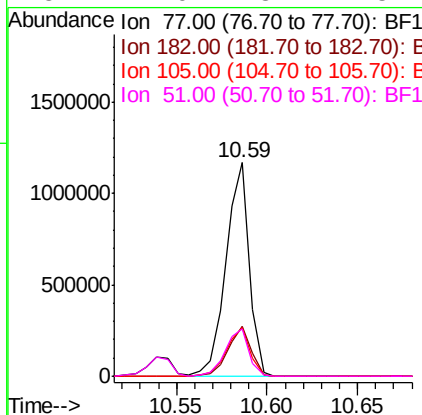
#63
Azobenzene
Concen: 42.847 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.5	1.2	41.2	
105	22.8	0.6	40.6	
51	22.0	8.2	48.2	

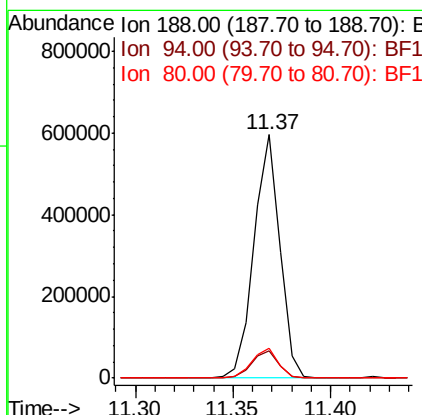
Manual Integrations
APPROVED

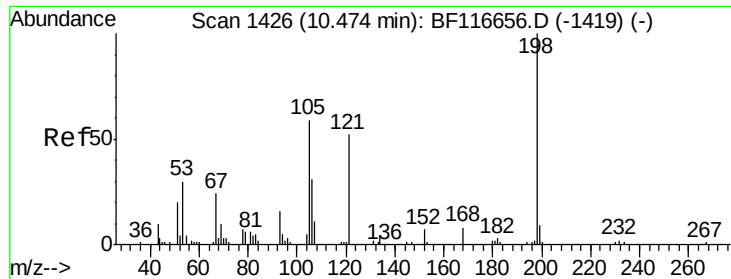
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.0	7.3	10.9#	
80	12.1	8.4	12.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 60.508 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

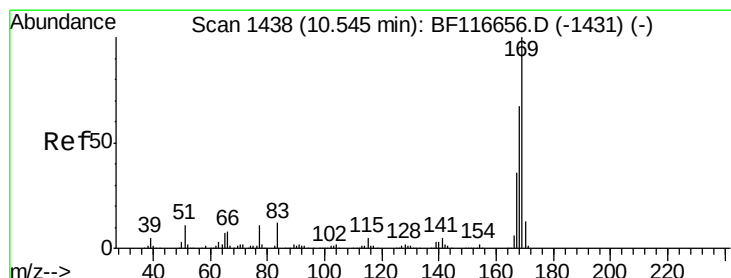
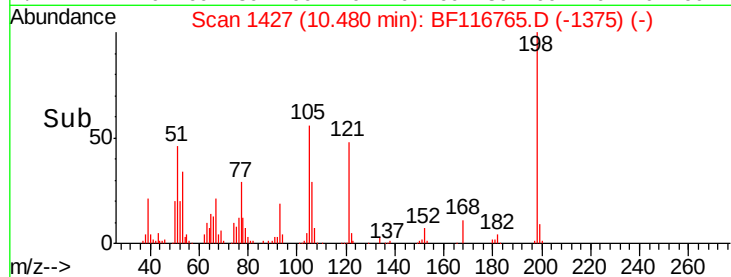
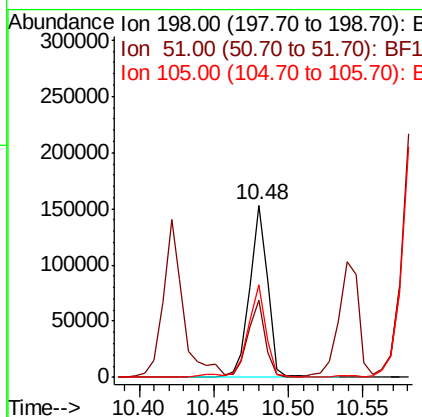
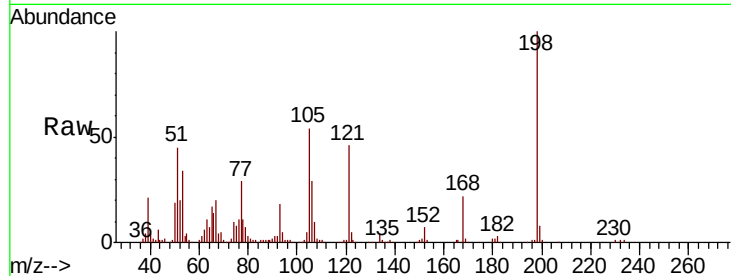
ClientSampleId :

PB122720BS

Tot Ion:	198	Resp:	126609
Ion Ratio	Lower	Upper	
198	100		
51	45.2	18.4	58.4
105	54.0	22.9	62.9

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#66

n-Nitrosodiphenylamine

Concen: 43.541 ng

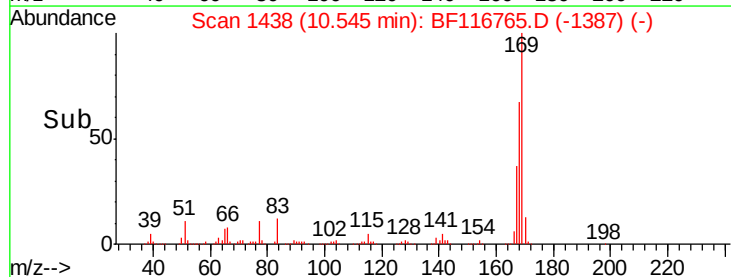
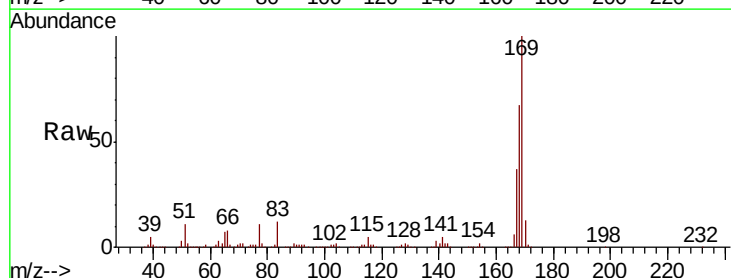
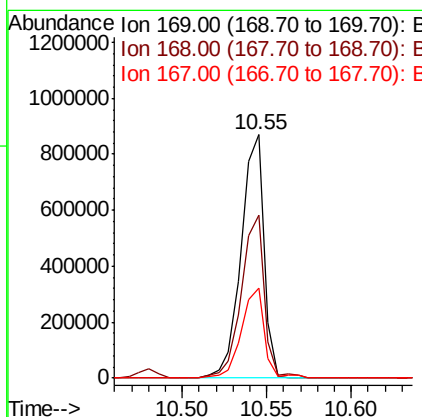
RT: 10.55 min Scan# 1438

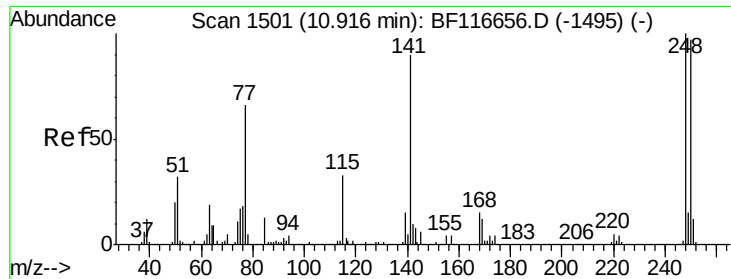
Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:	169	Resp:	824440
Ion Ratio	Lower	Upper	
169	100		
168	66.8	55.8	83.6
167	36.8	29.4	44.2





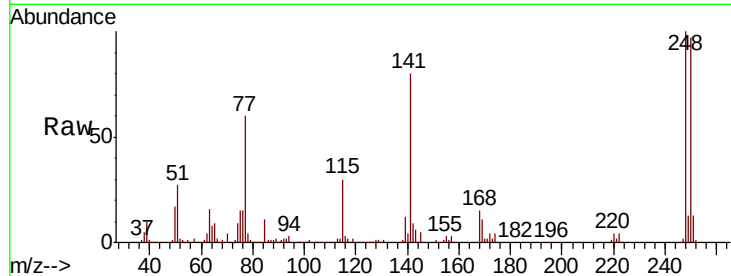
#67
4-Bromophenyl-phenylether
Concen: 42.246 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.8	116.8
141	79.8	75.9	113.9

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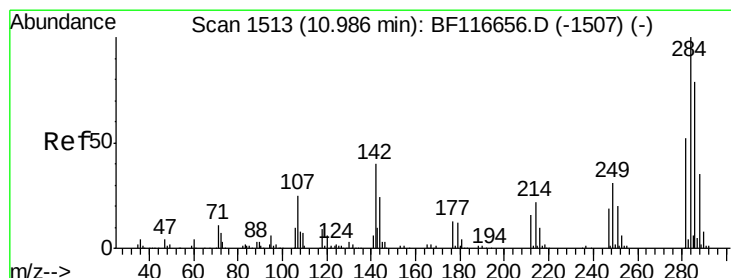
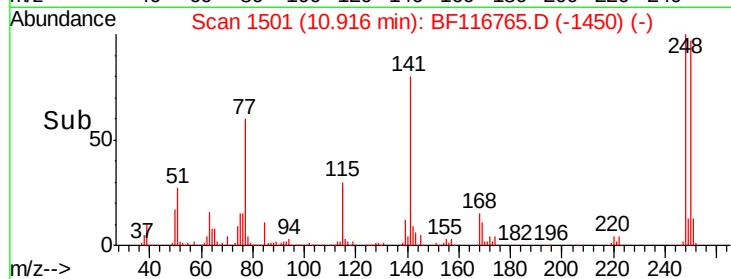
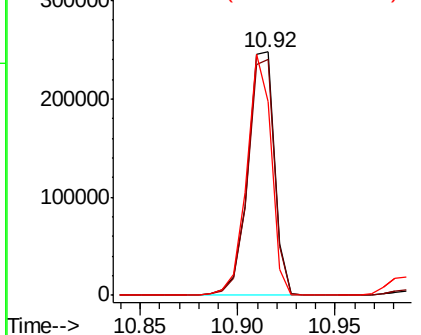


Abundance

Ion 248.00 (247.70 to 248.70): E

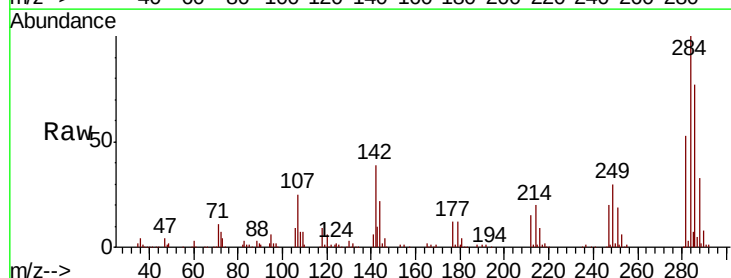
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.007 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.6	34.0	51.0
249	29.8	26.4	39.6

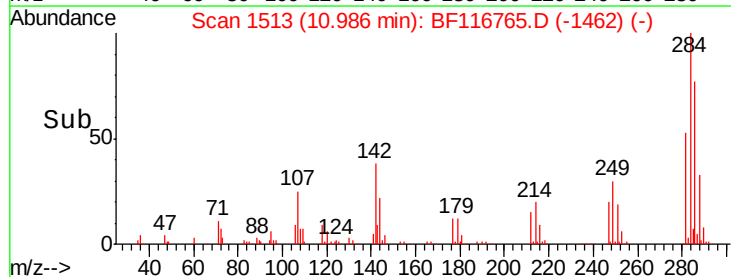
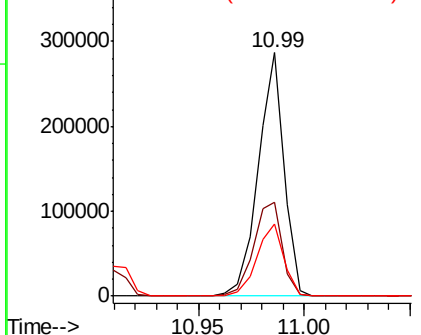


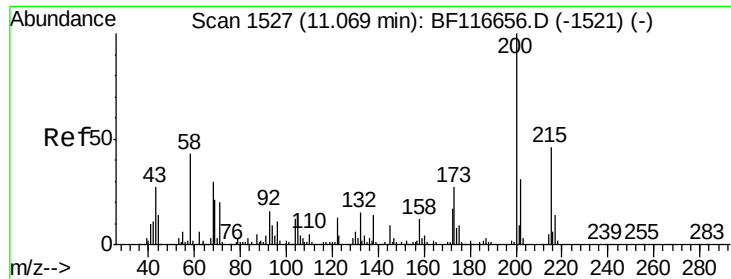
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





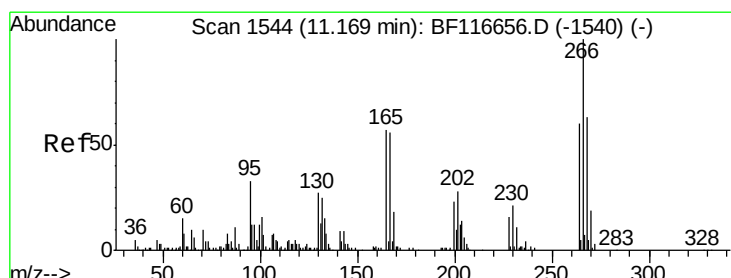
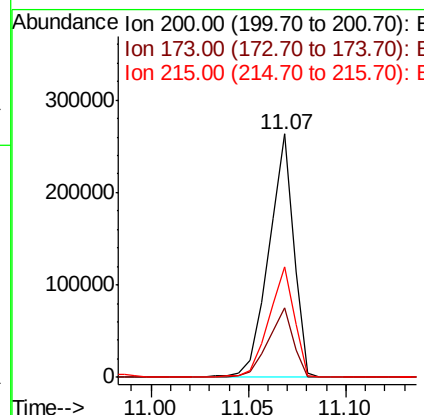
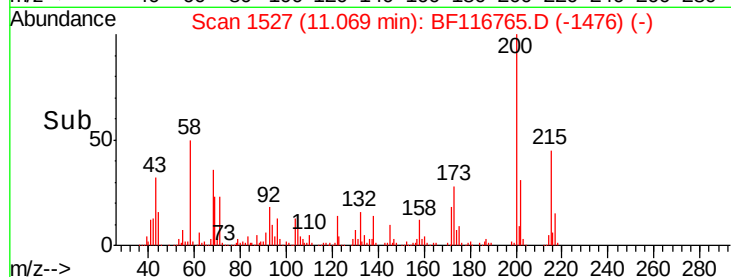
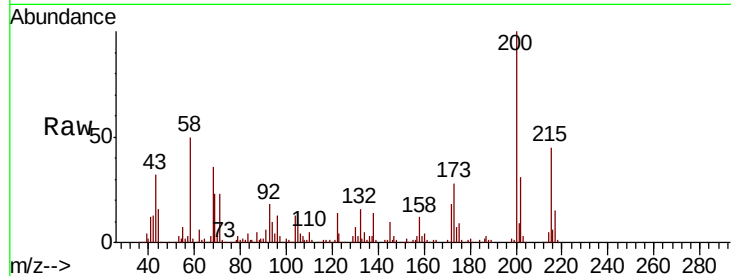
#69
Atrazine
Concen: 44.006 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	6.2	46.2
215	45.2	24.3	64.3

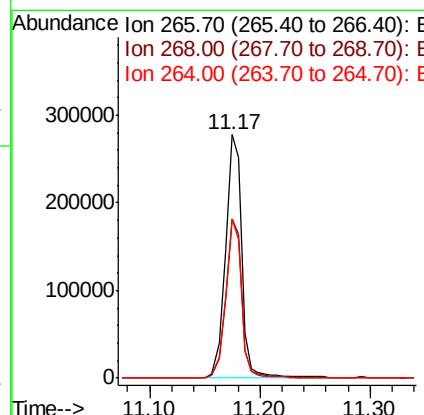
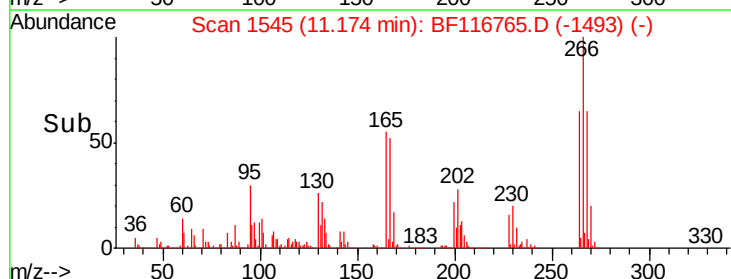
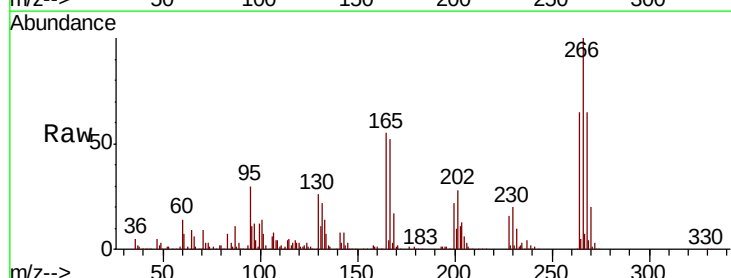
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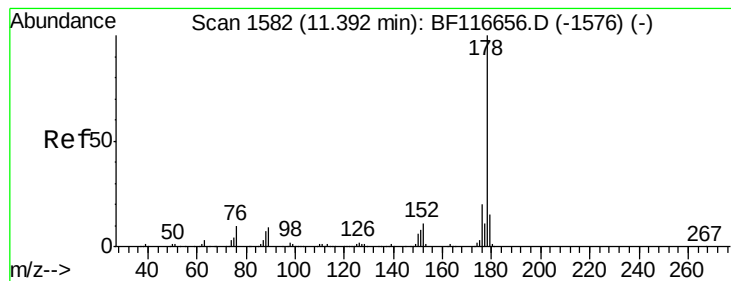
mohammad
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#70
Pentachlorophenol
Concen: 102.702 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.3	51.2	76.8
264	65.4	51.9	77.9





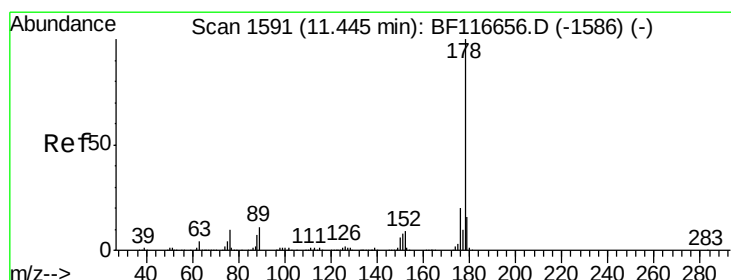
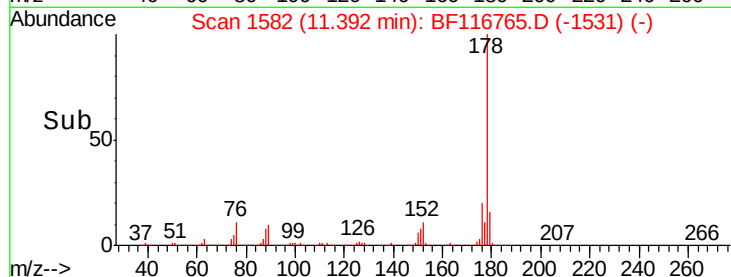
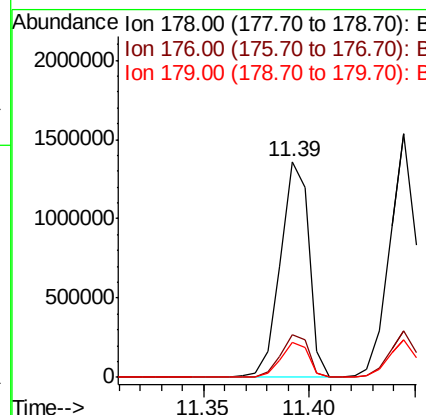
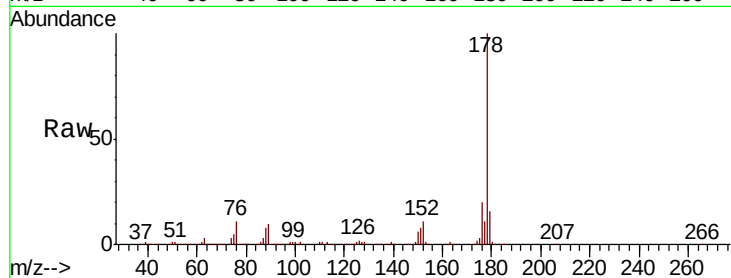
#71
Phenanthrene
Concen: 42.143 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.7	15.4	23.0	
179	16.0	12.2	18.2	

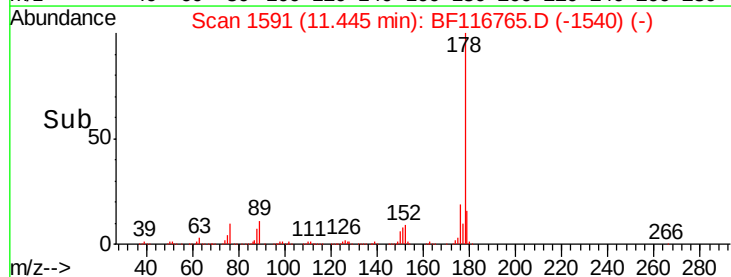
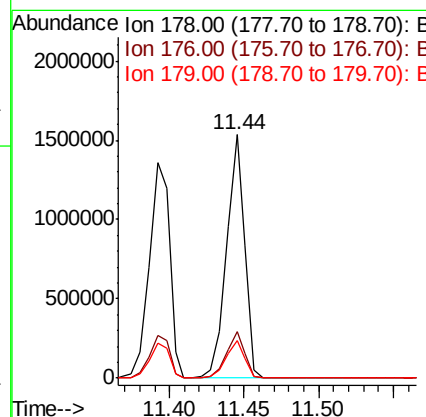
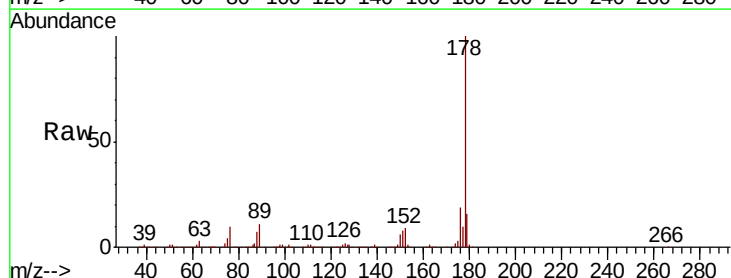
Manual Integrations
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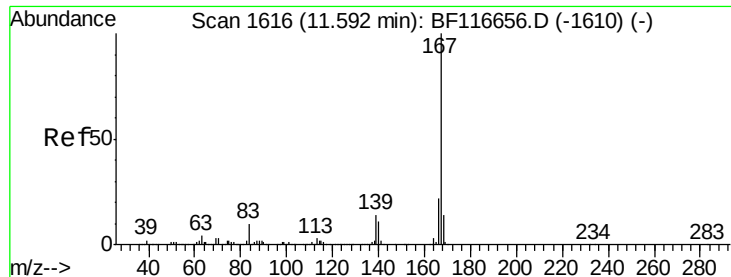
mohammad
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#72
Anthracene
Concen: 43.037 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.1	15.4	23.0	
179	15.7	12.5	18.7	





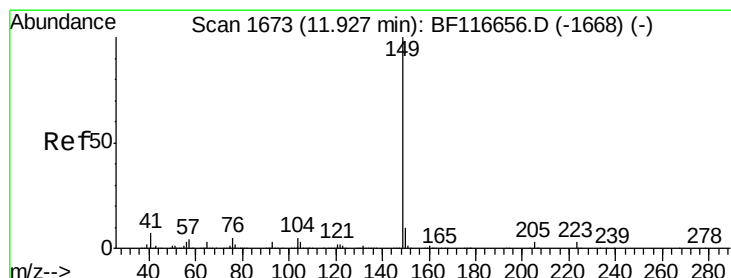
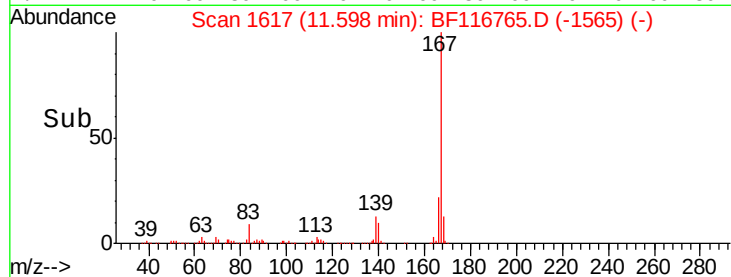
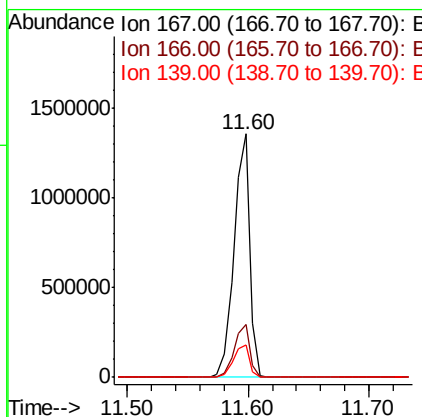
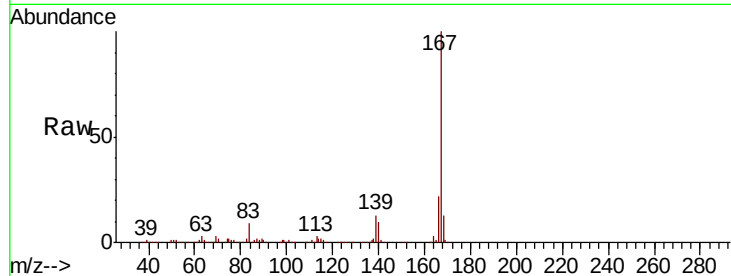
#73
 Carbazole
 Concen: 42.134 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.1	11.1	16.7

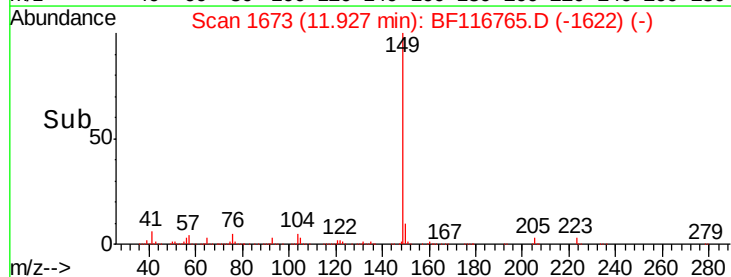
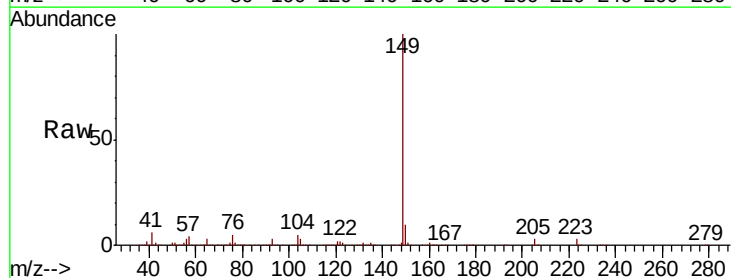
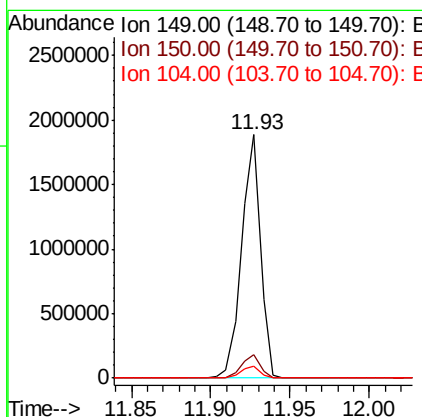
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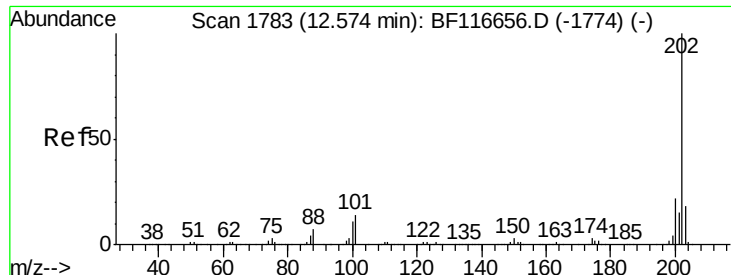
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#74
 Di-n-butylphthalate
 Concen: 41.507 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.0	4.2	6.2





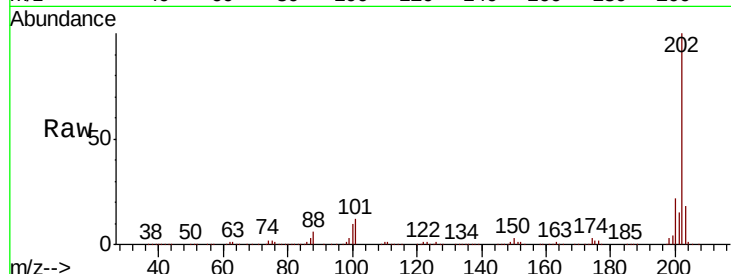
#75
Fluoranthene
Concen: 42.859 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1283333		
101	12.4		0.0	31.3
203	17.7		0.0	37.6

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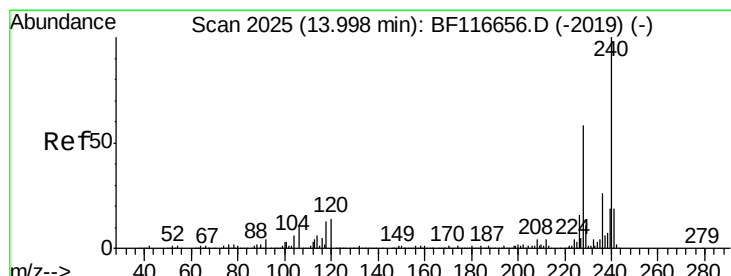
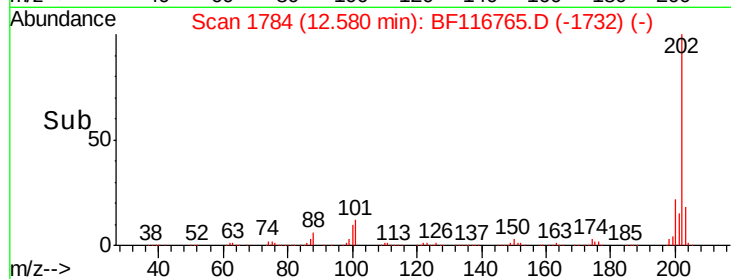
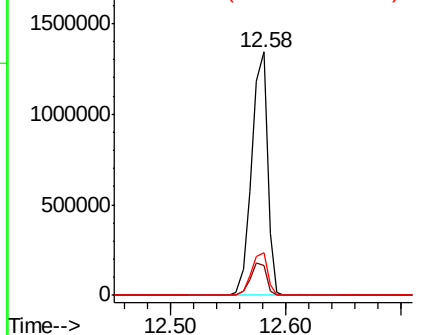


Abundance

Ion 202.00 (201.70 to 202.70): E

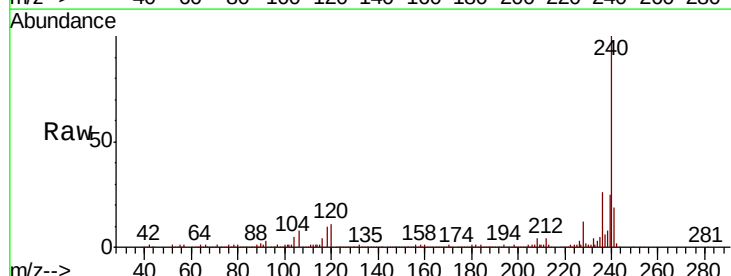
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	356252		
120	11.3		9.1	13.7
236	26.5		21.1	31.7

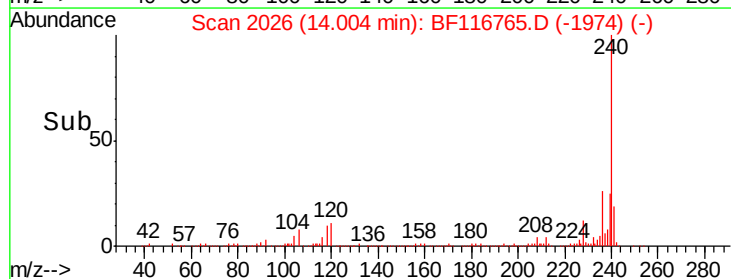
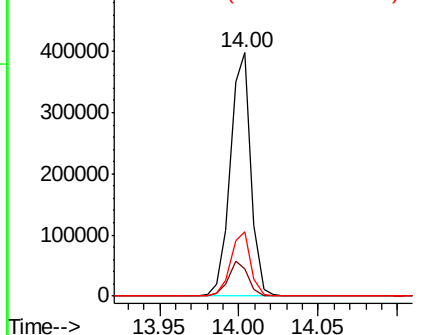


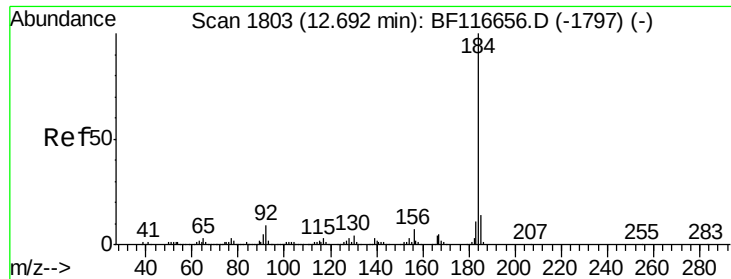
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.484 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

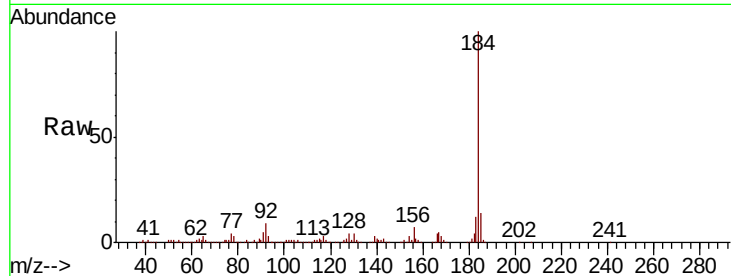
ClientSampleId :

PB122720BS

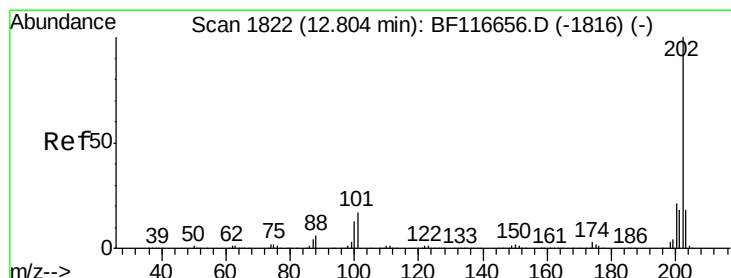
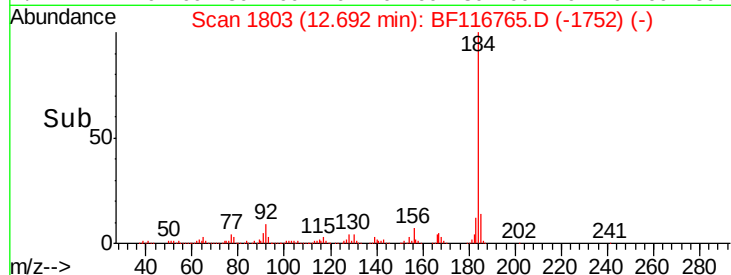
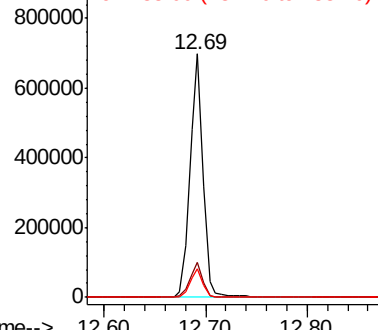
Tot Ion:	184	Resp:	621574
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.3	16.9
183	11.6	9.2	13.8

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



#78

Pyrene

Concen: 40.867 ng

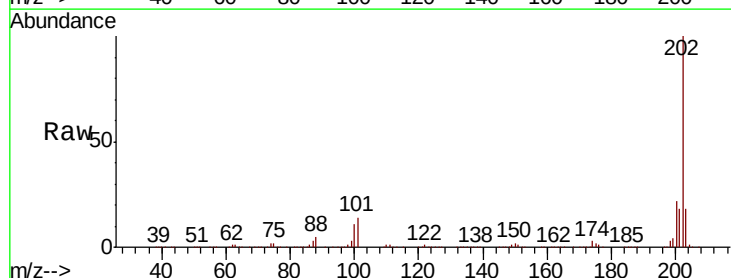
RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

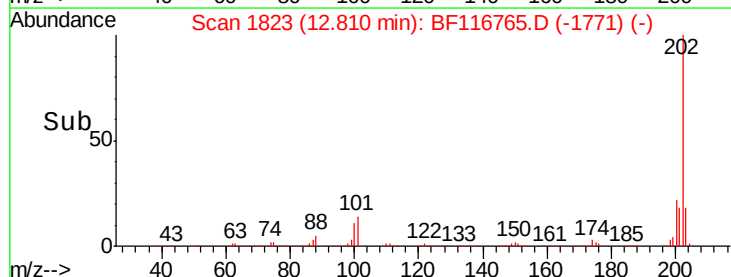
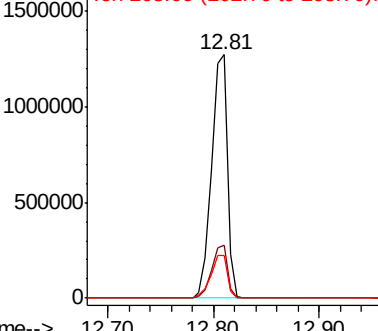
Lab File: BF116765.D

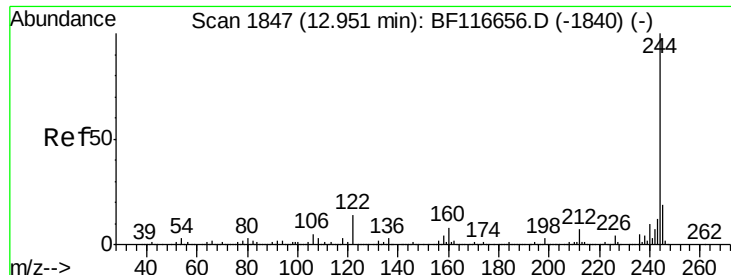
Acq: 3 Sep 2019 11:57

Tgt Ion:	202	Resp:	1294208
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.5	24.7
203	17.7	13.7	20.5



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





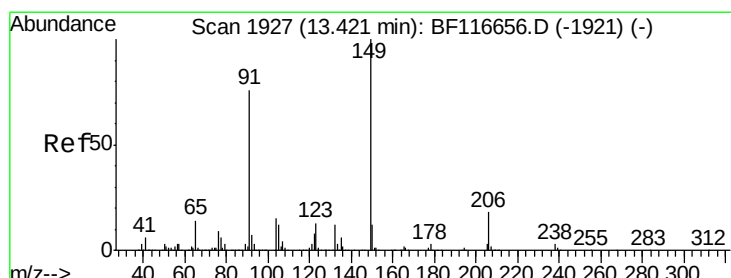
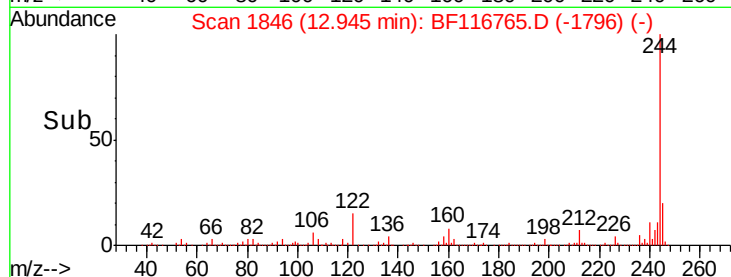
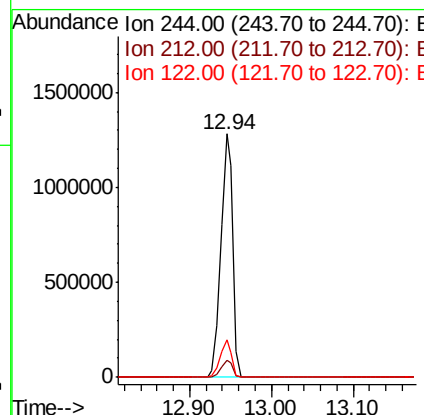
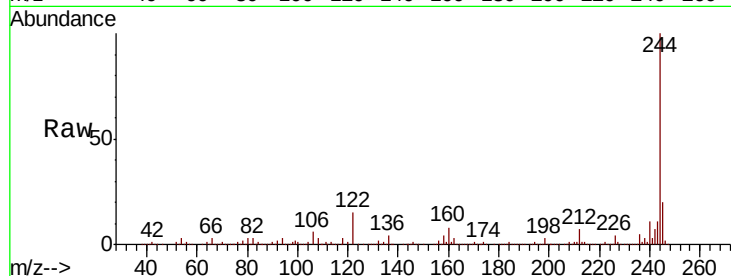
#79
Terphenyl-d14
Concen: 67.262 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion:244 Resp: 1295298
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 15.2 10.2 15.4

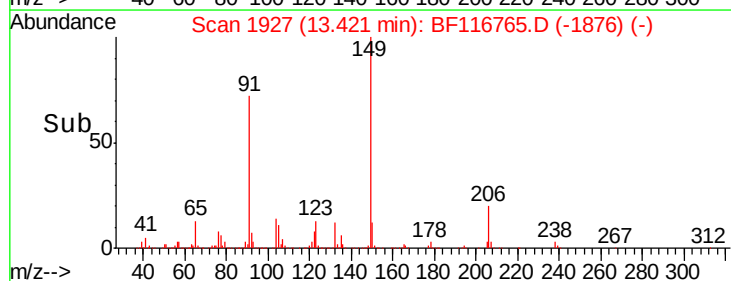
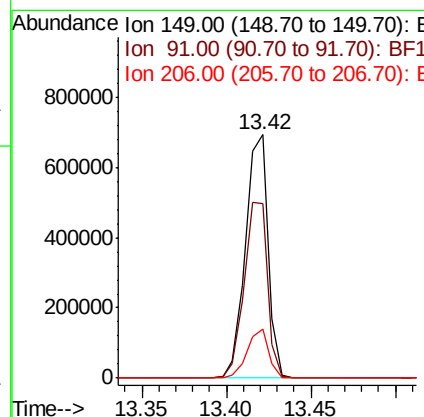
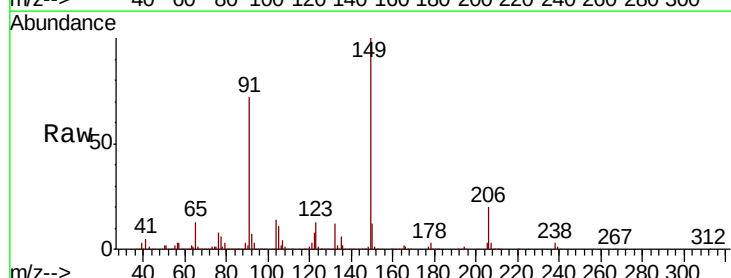
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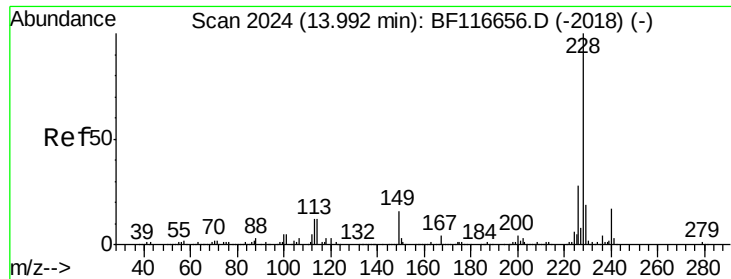
mohammad
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#80
Butylbenzylphthalate
Concen: 42.098 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion:149 Resp: 648327
Ion Ratio Lower Upper
149 100
91 71.7 61.0 91.4
206 20.0 14.8 22.2





#81

Benzo(a)anthracene

Concen: 43.137 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Instrument :

BNA_F

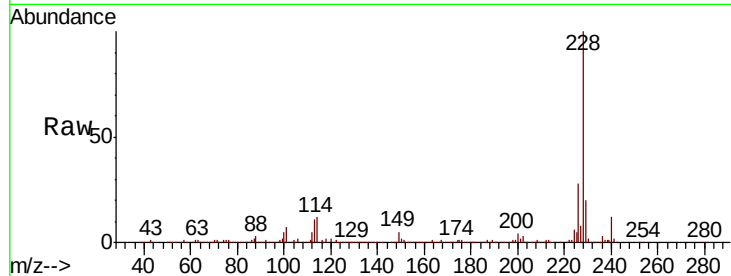
ClientSampled :

PB122720BS

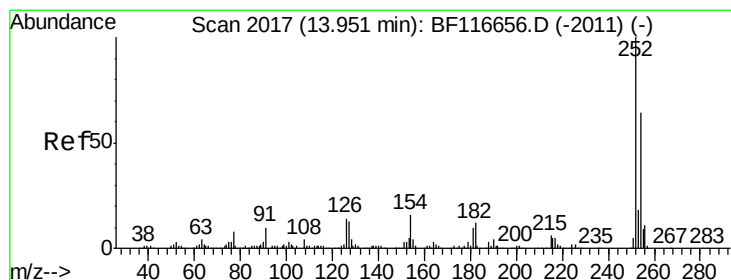
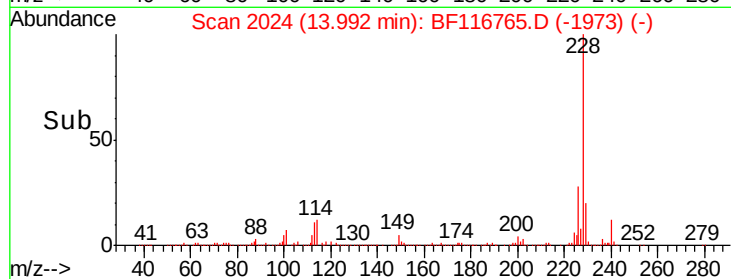
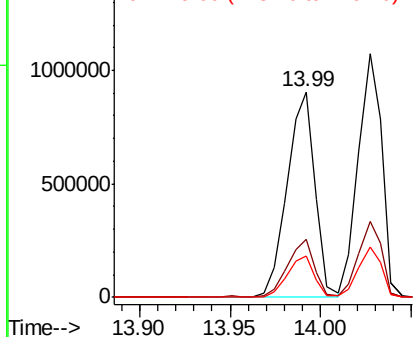
Tot Ion:	228	Resp:	972622
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.0	33.0
229	20.2	16.4	24.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.502 ng

RT: 13.95 min Scan# 2017

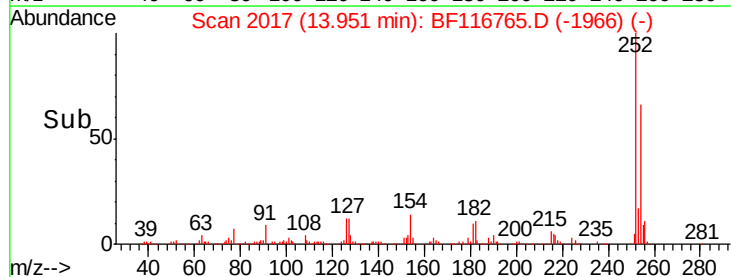
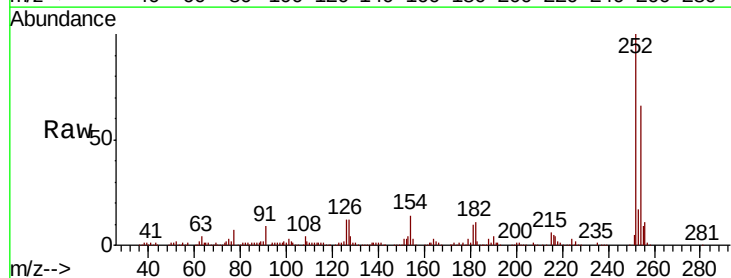
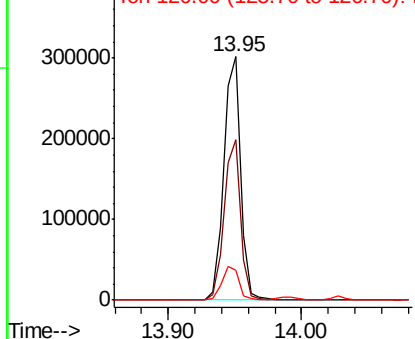
Delta R.T. 0.00 min

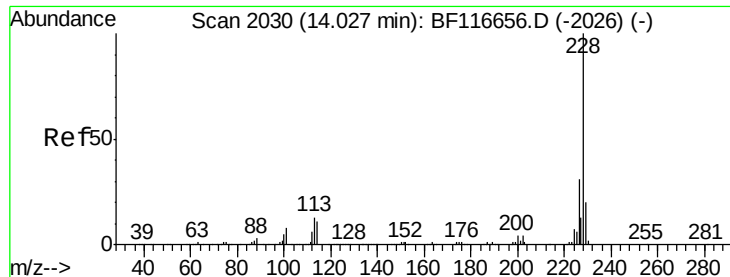
Lab File: BF116765.D

Acq: 3 Sep 2019 11:57

Tgt Ion:	252	Resp:	270512
Ion Ratio	Lower	Upper	
252	100		
254	65.8	50.1	75.1
126	12.2	10.6	16.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





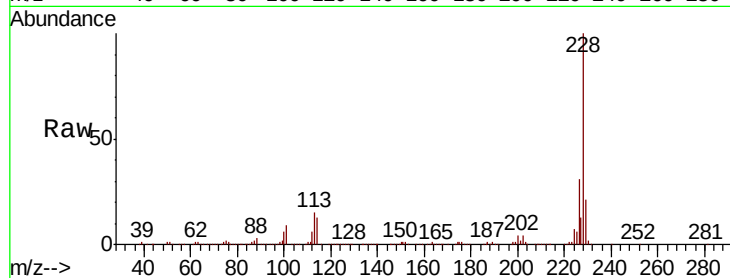
#83
 Chrvsene
 Concen: 42.135 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Instrument :
 BNA_F
 ClientSampleId :
 PB122720BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	20.6	15.4	23.0

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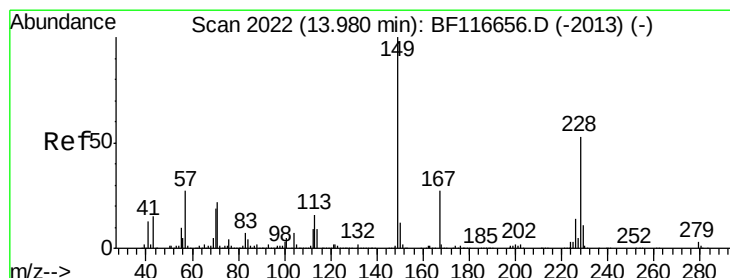
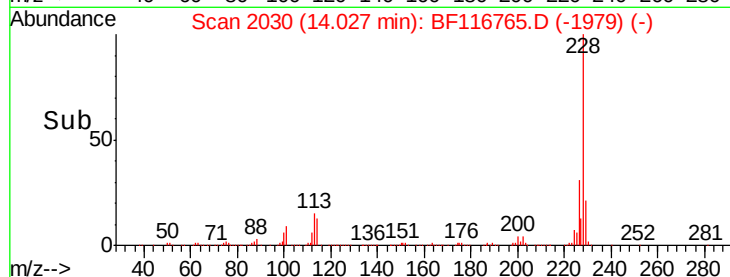
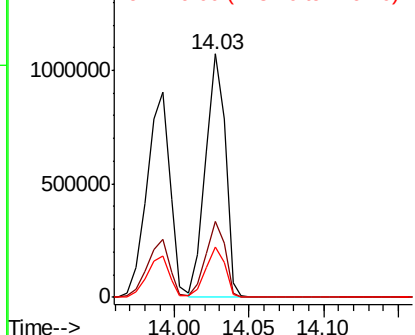


Abundance

Ion 228.00 (227.70 to 228.70): E

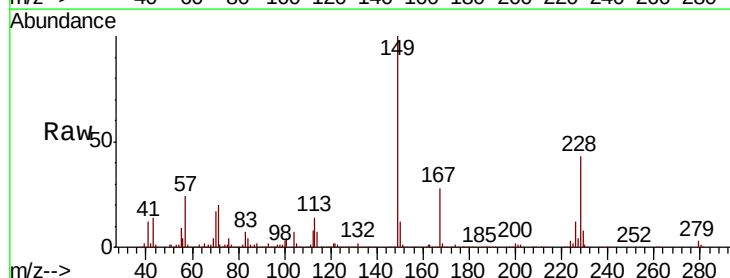
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.528 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF116765.D
 Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.0	31.4
279	3.4	2.8	4.2

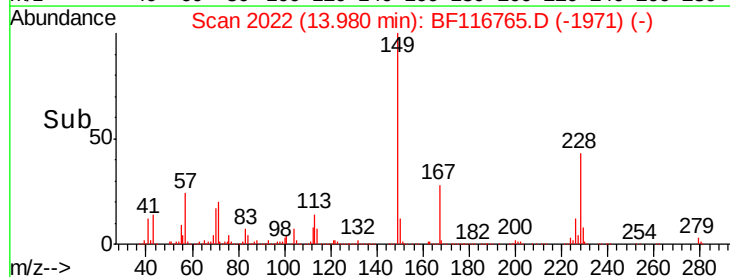
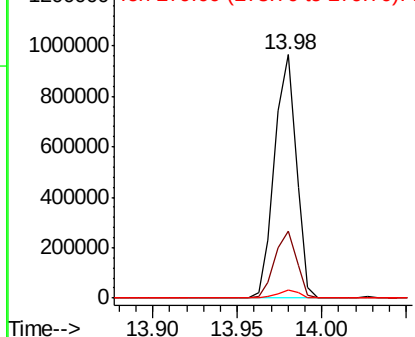


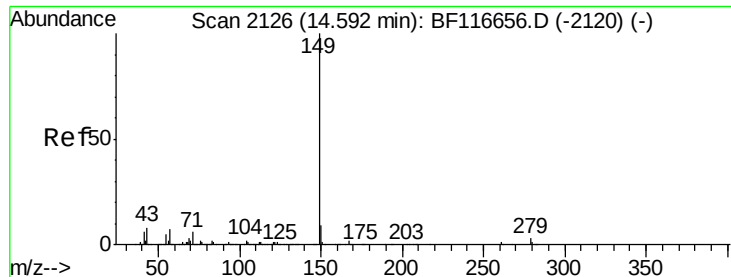
Abundance

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





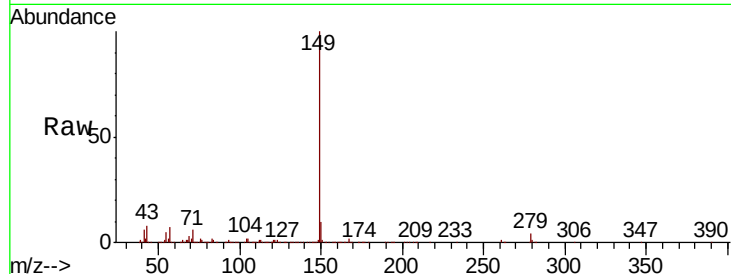
#85
Di-n-octyl phthalate
Concen: 48.391 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.2	7.8	11.8

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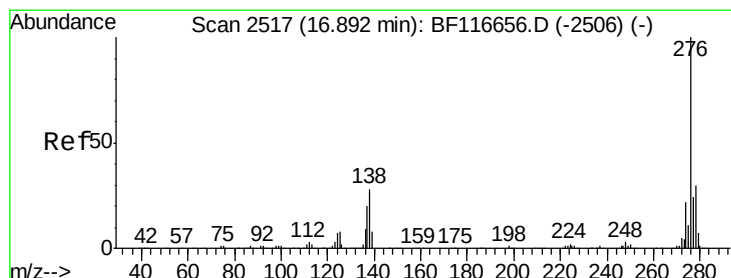
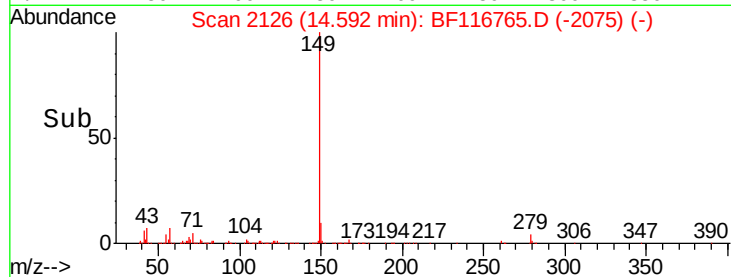
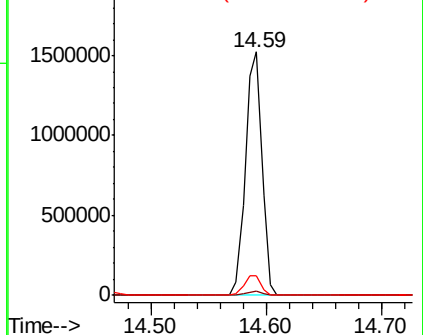


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.169 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.02 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

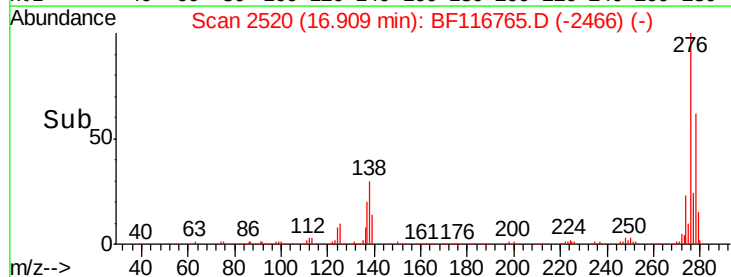
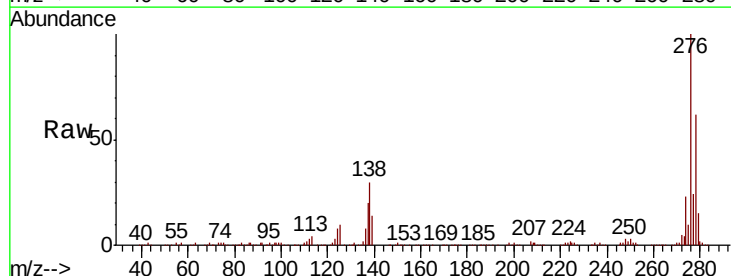
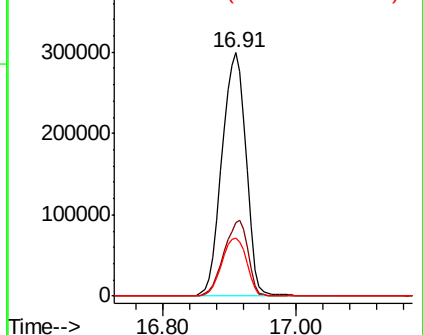
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	19.4	29.2#
277	24.8	20.5	30.7

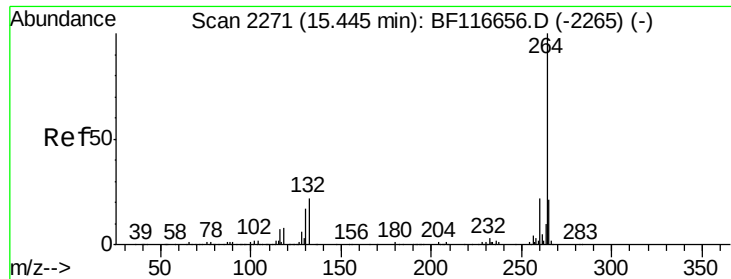
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





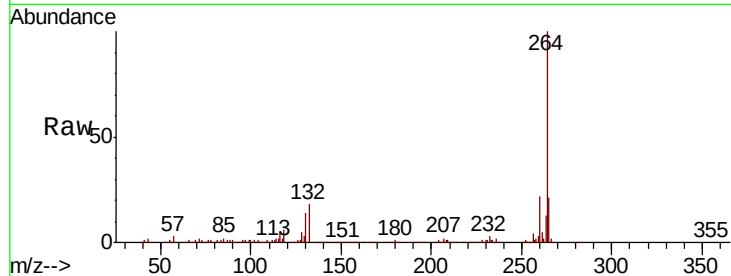
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	20.6	16.5	24.7

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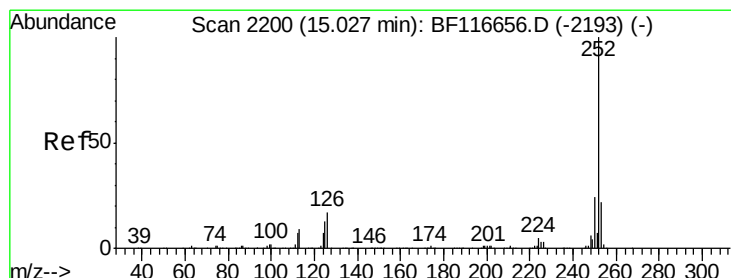
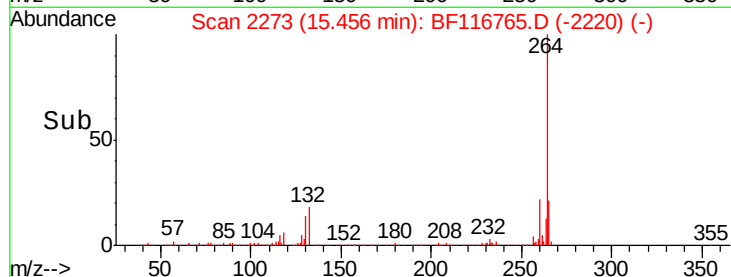
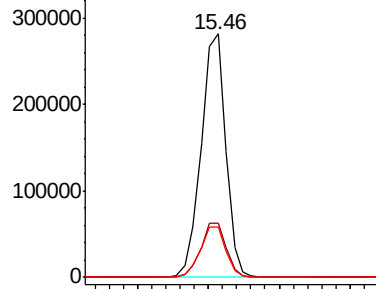


Abundance

Ion 264.00 (263.70 to 264.70): E

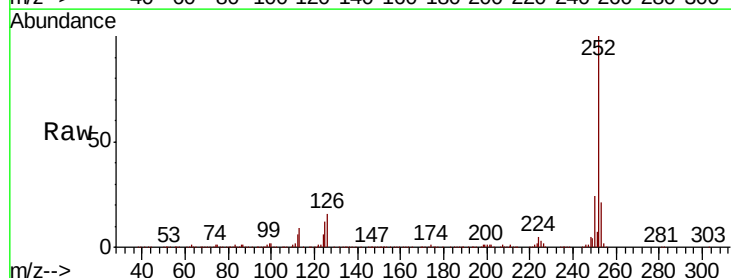
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.195 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	12.2	8.2	12.2

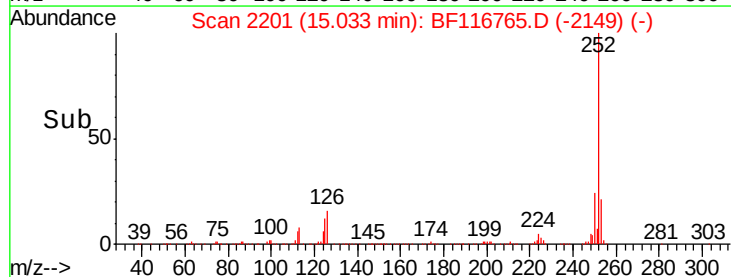
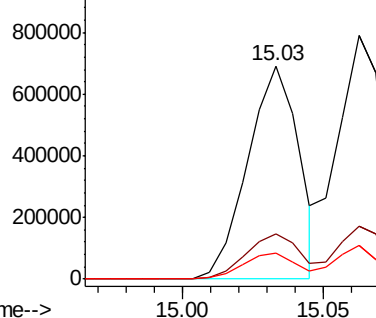


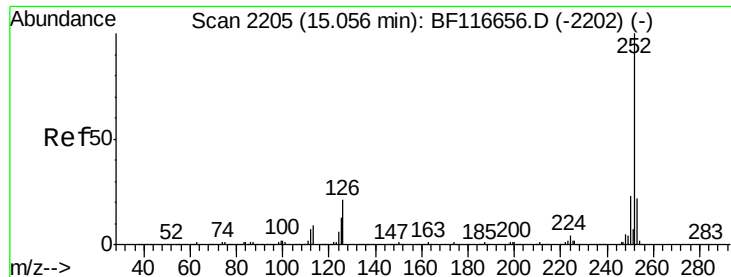
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





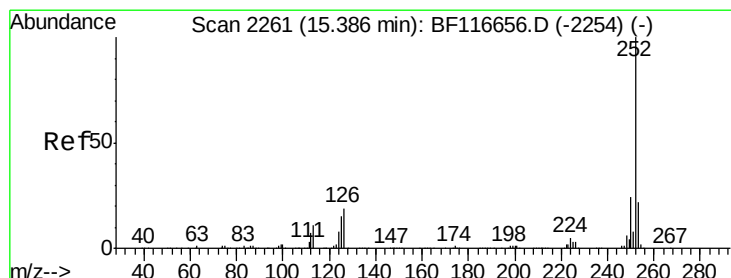
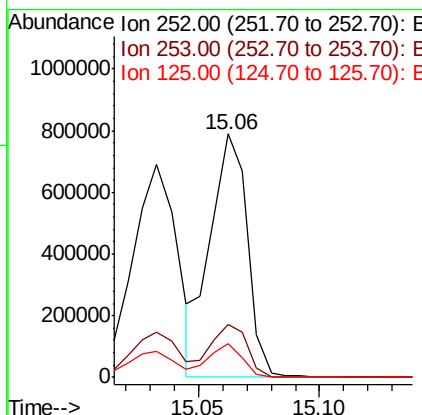
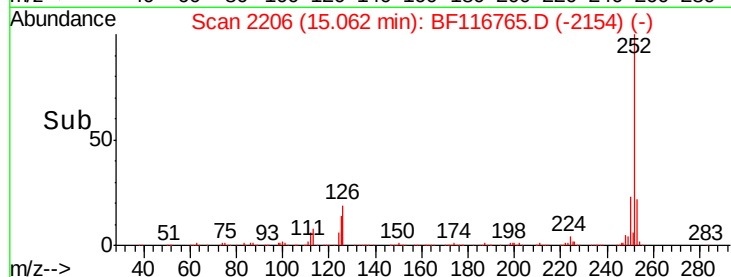
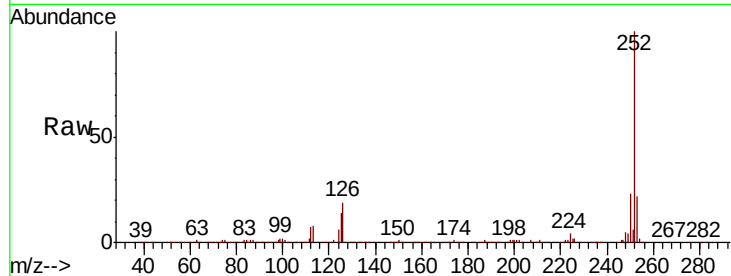
#89
Benzo(k)fluoranthene
Concen: 45.186 ng m
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	13.6	8.6	13.0

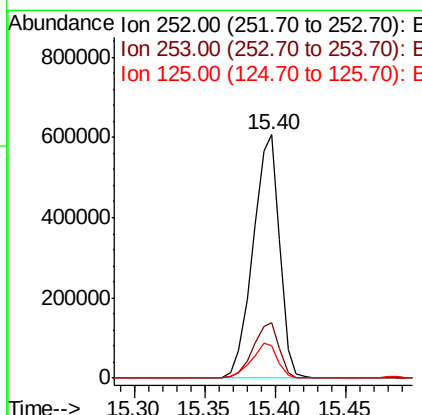
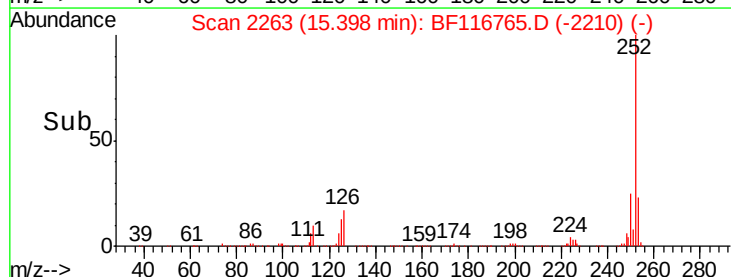
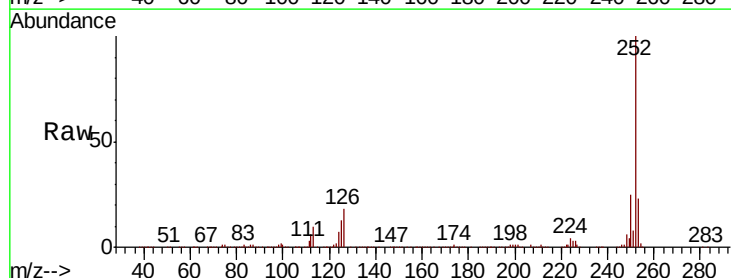
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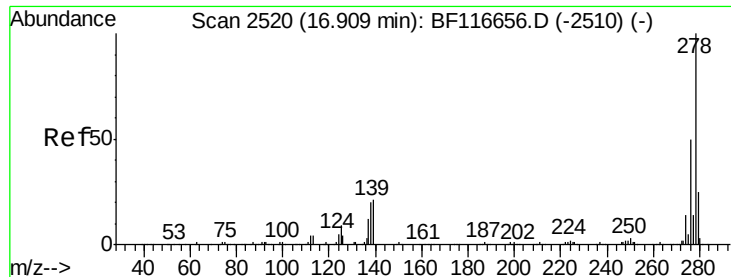
mohammad
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#90
Benzo(a)pyrene
Concen: 44.525 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	13.2	9.8	14.8





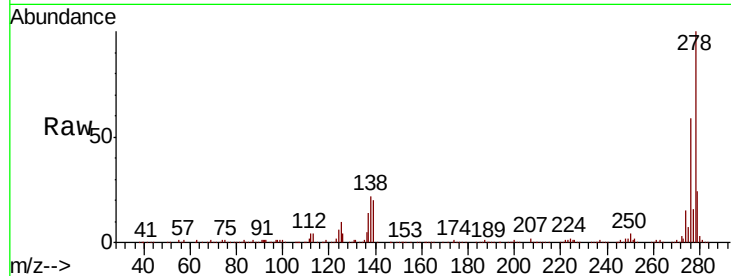
#91
Dibenzo(a,h)anthracene
Concen: 40.036 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Instrument :
BNA_F
ClientSampleId :
PB122720BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.4	12.4	18.6#
279	23.5	18.2	27.4

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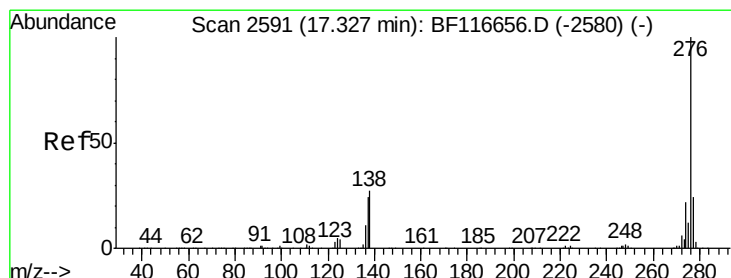
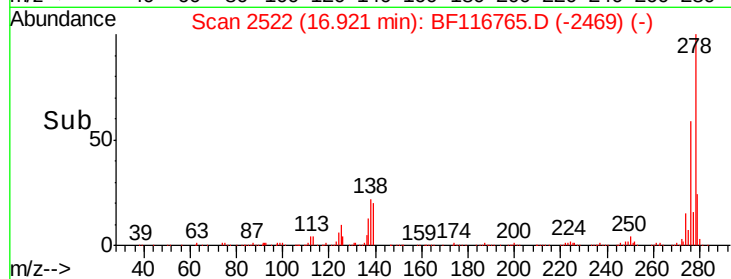
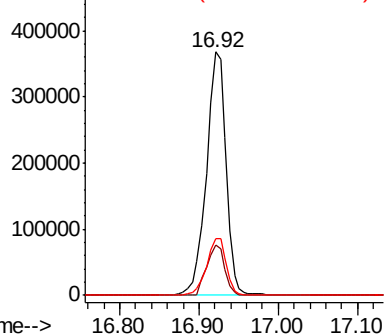


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.310 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.02 min
Lab File: BF116765.D
Acq: 3 Sep 2019 11:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	26.9	16.2	24.2#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

