

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
 Data File : BF116958.D
 Acq On : 11 Sep 2019 20:41
 Operator : HP/JU
 Sample : K4819-11MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)MS

Manual Integrations
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mohammad
 9/16/2019 8:57:54 AM

Quant Time: Sep 12 07:28:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	73059	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	299372	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	152659	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	260195	20.00	ng	0.00
76) Chrysene-d12	13.97	240	225789	20.00	ng	-0.01
87) Perylene-d12	15.42	264	237298	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	462470	102.55	ng	0.00
7) Phenol-d6	6.46	99	627407	105.95	ng	-0.02
23) Nitrobenzene-d5	7.39	82	386185	73.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	139094	136.29	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	618151	68.31	ng	-0.01
79) Terphenyl-d14	12.92	244	683460	56.00	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.56	88	62036	29.800	ng	97
3) Pyridine	3.31	79	155768	25.843	ng	93
4) n-Nitrosodimethylamine	3.23	42	63768	30.809	ng	92
6) Aniline	6.48	93	131423	16.024	ng	# 88
8) 2-Chlorophenol	6.61	128	192521	39.107	ng	100
9) Benzaldehyde	6.37	77	118964	30.494	ng	95
10) Phenol	6.47	94	241289	36.798	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	174556	34.188	ng	99
12) 1,3-Dichlorobenzene	6.76	146	195249	35.092	ng	99
13) 1,4-Dichlorobenzene	6.84	146	198925	35.911	ng	99
14) 1,2-Dichlorobenzene	6.99	146	184814	36.002	ng	94
15) Benzyl Alcohol	6.96	79	176563	36.732	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	171008	28.547	ng	91
17) 2-Methylphenol	7.08	107	159281	36.960	ng	96
18) Hexachloroethane	7.34	117	76623	35.603	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	138763	35.589	ng	91
20) 3+4-Methylphenols	7.23	107	203528	40.618	ng	# 70
22) Acetophenone	7.23	105	277237	38.466	ng	96
24) Nitrobenzene	7.40	77	210671	39.500	ng	94
25) Isophorone	7.64	82	388367	36.548	ng	99
26) 2-Nitrophenol	7.72	139	95917	48.372	ng	93
27) 2,4-Dimethylphenol	7.76	122	165879	41.422	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	227276	34.999	ng	99
29) 2,4-Dichlorophenol	7.96	162	159392	41.416	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	153472	36.766	ng	96
31) Naphthalene	8.13	128	540641	37.979	ng	99
32) Benzoic acid	7.86	122	61704	27.289	ng	95
33) 4-Chloroaniline	8.17	127	59714	9.215	ng	97
34) Hexachlorobutadiene	8.25	225	84393	37.079	ng	96
35) Caprolactam	8.53	113	55764m	38.717	ng	
36) 4-Chloro-3-methylphenol	8.66	107	190204	43.001	ng	99
37) 2-Methylnaphthalene	8.82	142	367308	38.780	ng	97
38) 1-Methylnaphthalene	8.92	142	338557	37.865	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	140681	38.442	ng	# 97

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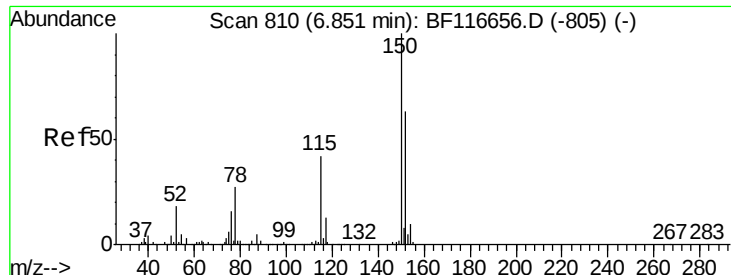
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	147083	69.600	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	102271	40.768	nq	96
44) 2,4,5-Trichlorophenol	9.14	196	109424	42.016	nq #	88
46) 1,1'-Biphenyl	9.28	154	425213	36.707	nq	98
47) 2-Chloronaphthalene	9.30	162	333756	36.377	nq	97
48) 2-Nitroaniline	9.40	65	114563	43.191	nq	94
49) Acenaphthylene	9.72	152	524940	37.850	nq	99
50) Dimethylphthalate	9.58	163	495300	46.995	nq #	97
51) 2,6-Dinitrotoluene	9.64	165	88758	44.139	nq	95
52) Acenaphthene	9.90	154	347842	40.819	nq	99
53) 3-Nitroaniline	9.81	138	74101	29.405	nq #	98
54) 2,4-Dinitrophenol	9.92	184	47835	68.506	nq	97
55) Dibenzofuran	10.07	168	467984	38.956	nq	98
56) 4-Nitrophenol	9.97	139	152499	88.256	nq	93
57) 2,4-Dinitrotoluene	10.05	165	116839	47.519	nq #	91
58) Fluorene	10.41	166	372887	40.737	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	84517	44.966	nq #	98
60) Diethylphthalate	10.28	149	411737	39.000	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	161779	40.361	nq	89
62) 4-Nitroaniline	10.42	138	101323	41.431	nq	95
63) Azobenzene	10.56	77	433330	39.363	nq	93
65) 4,6-Dinitro-2-methylphenol	10.46	198	38526	41.413	nq #	45
66) n-Nitrosodiphenylamine	10.52	169	406962	45.213	nq	93
67) 4-Bromophenyl-phenylether	10.89	248	99352	37.587	nq	94
68) Hexachlorobenzene	10.96	284	100946	36.502	nq #	90
69) Atrazine	11.04	200	101084	40.098	nq	98
70) Pentachlorophenol	11.16	266	107394	80.276	nq	98
71) Phenanthrene	11.37	178	567593	39.187	nq	97
72) Anthracene	11.42	178	584083	40.060	nq	100
73) Carbazole	11.57	167	554599	39.932	nq	98
74) Di-n-butylphthalate	11.90	149	727280	40.847	nq	99
75) Fluoranthene	12.56	202	621317	43.649	nq	99
77) Benzidine	12.67	184	282498	31.899	nq	98
78) Pyrene	12.78	202	647518	32.261	nq	99
80) Butylbenzylphthalate	13.39	149	340977	34.934	nq	95
81) Benzo(a)anthracene	13.96	228	550023	38.490	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	55091	11.408	nq	99
83) Chrysene	14.00	228	544957	37.016	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	478327	39.700	nq	99
85) Di-n-octyl phthalate	14.56	149	822834	41.732	nq #	95
86) Indeno(1,2,3-cd)pyrene	16.86	276	506053	42.794	nq	98
88) Benzo(b)fluoranthene	15.00	252	541854	37.769	nq	99
89) Benzo(k)fluoranthene	15.03	252	464000	35.471	nq	100
90) Benzo(a)pyrene	15.36	252	480514	38.497	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	415052	37.990	nq	96
92) Benzo(g,h,i)perylene	17.29	276	409611	36.761	nq	96

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



#1

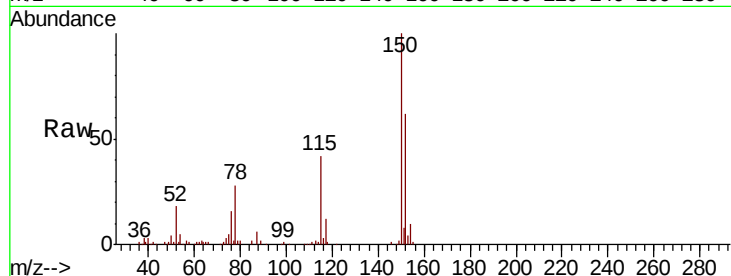
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.4	186.6
115	67.8	49.9	74.9

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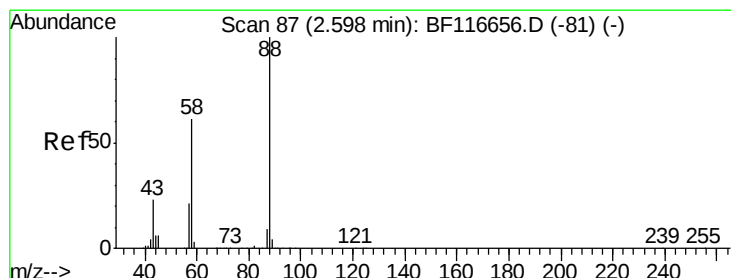
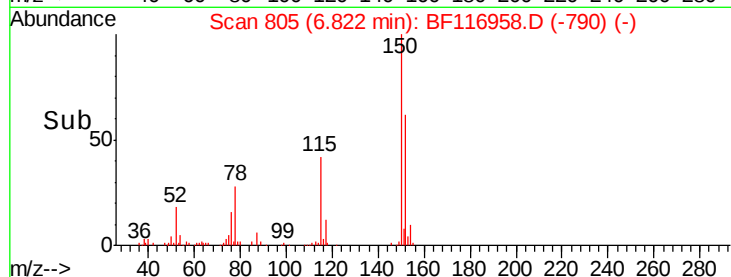
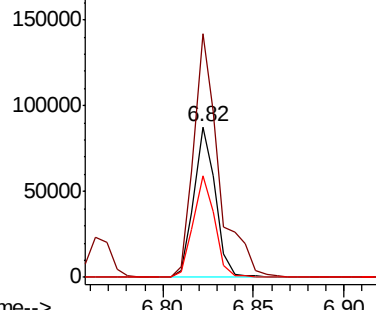


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

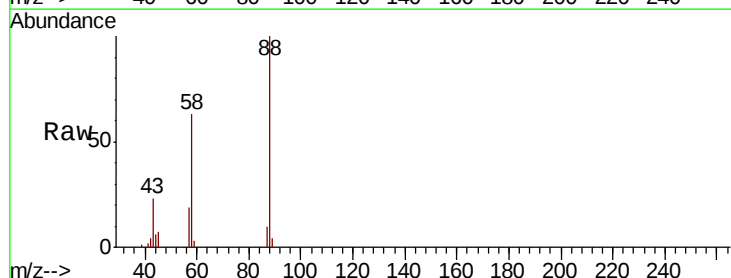
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.800 ng
RT: 2.56 min Scan# 80
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	51.7	77.5
43	26.4	19.8	29.8

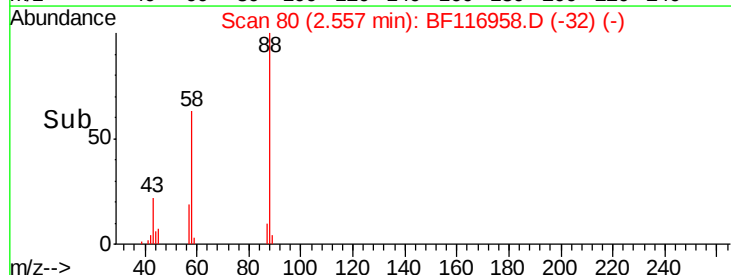
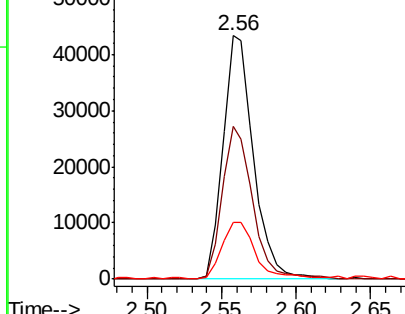


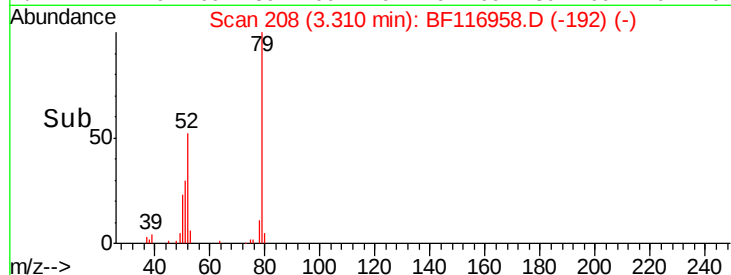
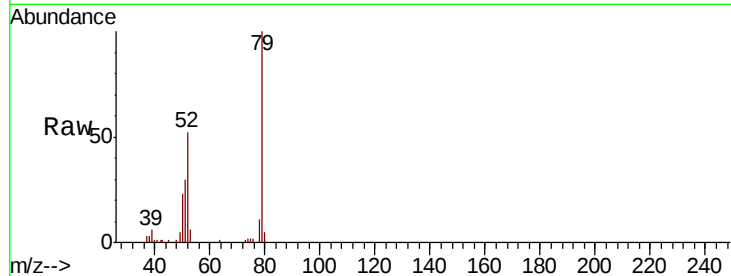
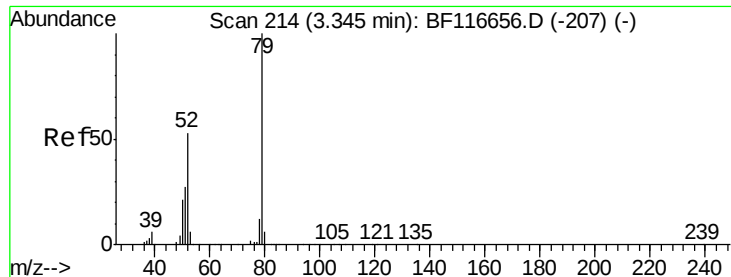
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





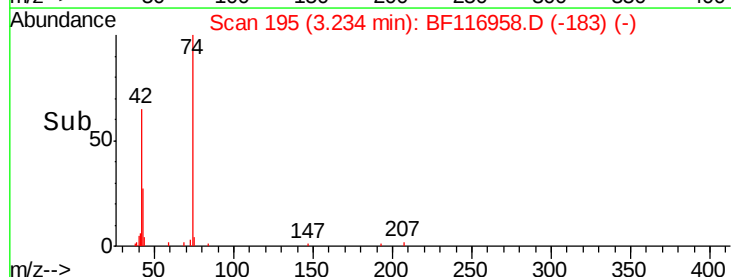
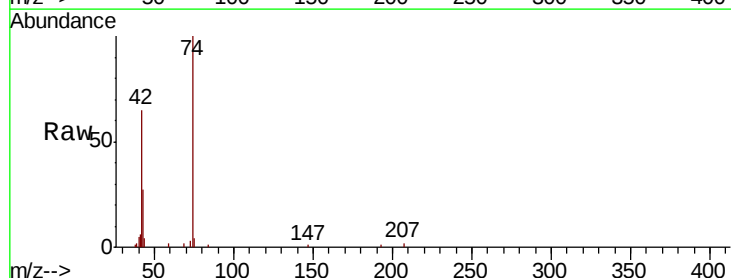
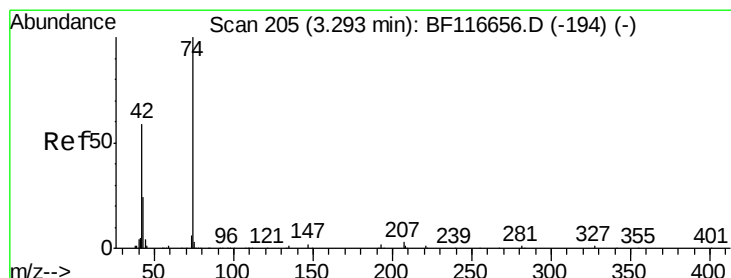
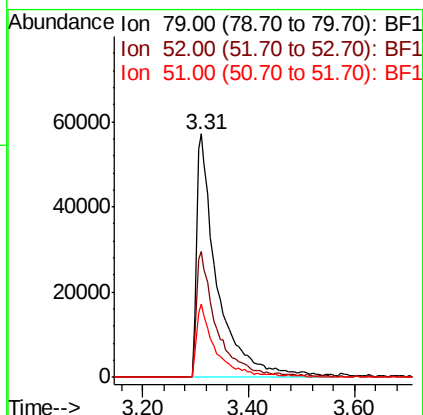
#3
Pvridine
Concen: 25.843 ng
RT: 3.31 min Scan# 208
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tot Ion	Ratio	Resp	Lower	Upper
79	100	155768		
52	51.7		47.4	71.0
51	30.1		24.1	36.1

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

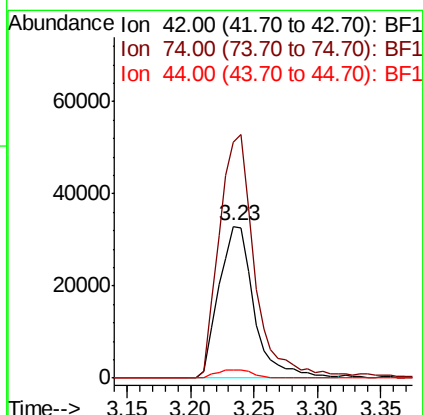
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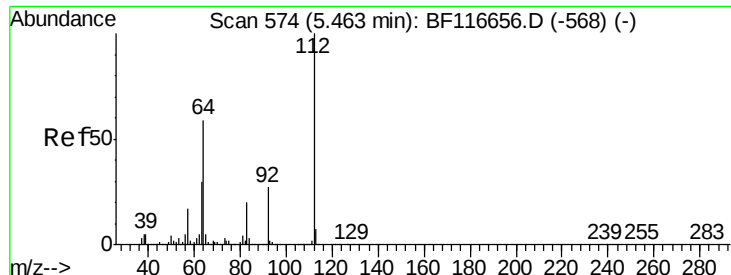
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#4
n-Nitrosodimethylamine
Concen: 30.809 ng
RT: 3.23 min Scan# 195
Delta R.T. -0.03 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	63768		
74	154.9		115.6	173.4
44	5.7		4.6	7.0





#5

2-Fluorophenol

Concen: 102.551 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

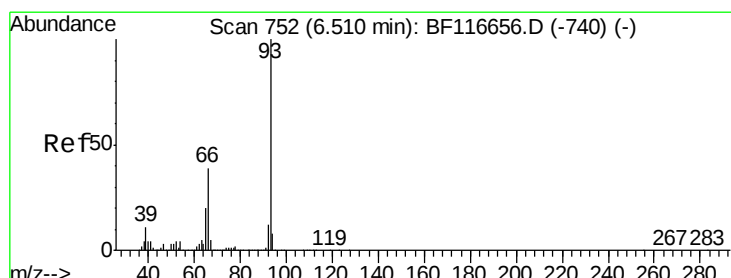
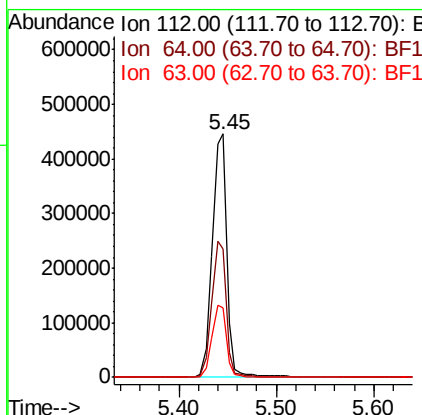
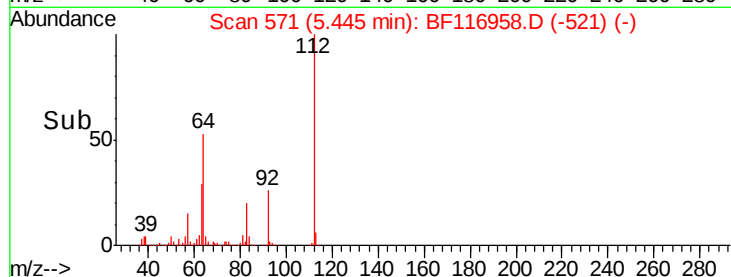
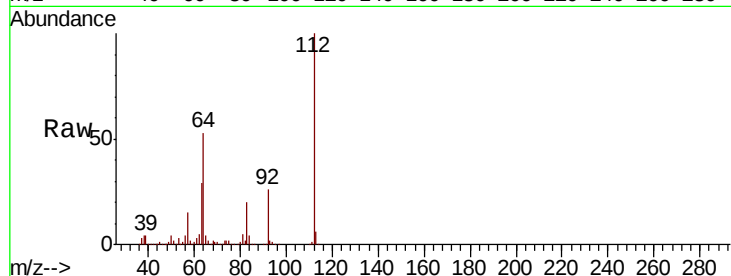
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	112	Resp:	462470
Ion Ratio	Lower	Upper	
112	100		
64	52.8	47.1	70.7
63	28.6	24.9	37.3

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#6

Aniline

Concen: 16.024 ng

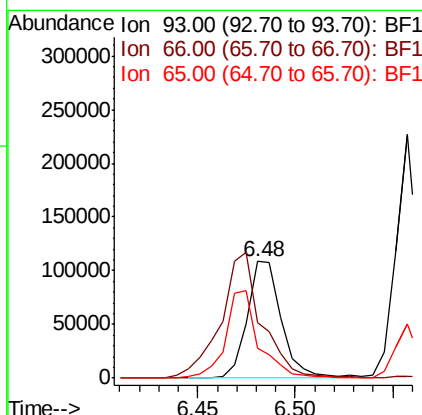
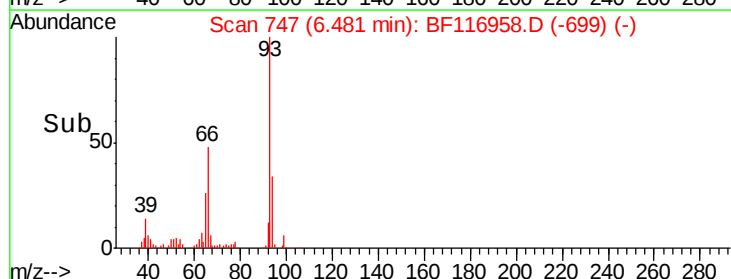
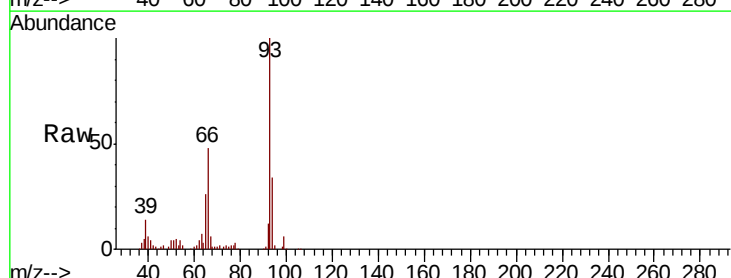
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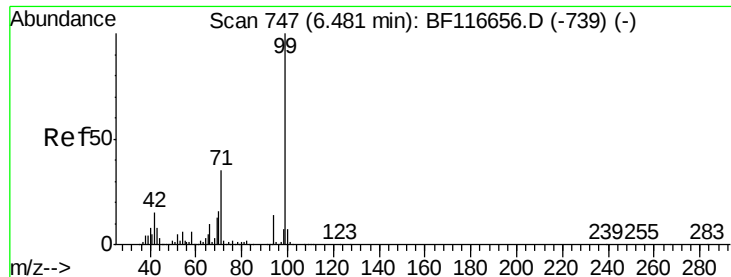
Delta R.T. -0.02 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	93	Resp:	131423
Ion Ratio	Lower	Upper	
93	100		
66	48.1	32.7	49.1
65	26.0	16.3	24.5





#7

Phenol-d6

Concen: 105.951 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

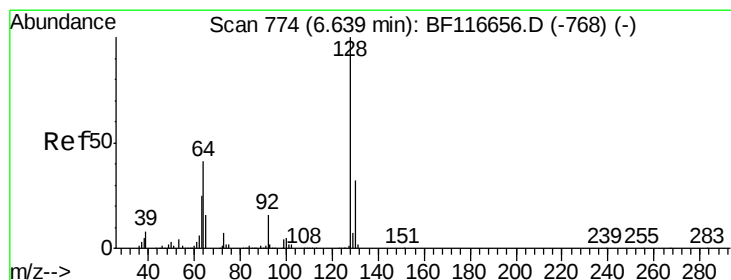
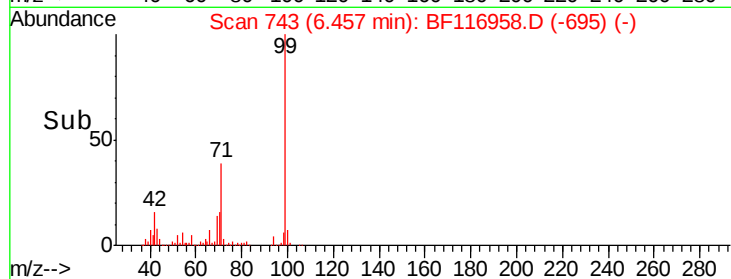
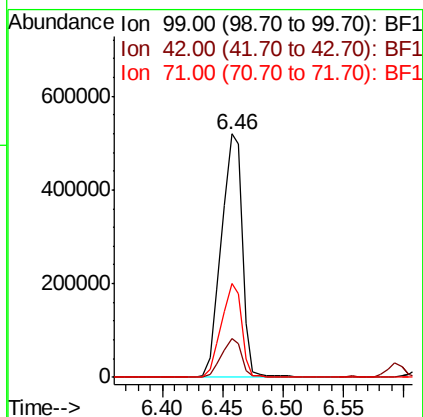
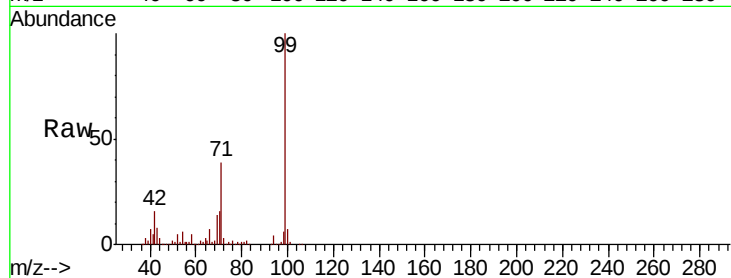
ClientSampleId :

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Tot Ion:	99	Resp:	627407
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.7	20.5
71	38.6	30.8	46.2

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#8

2-Chlorophenol

Concen: 39.107 ng

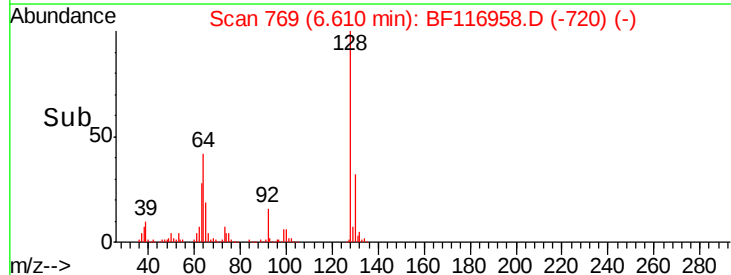
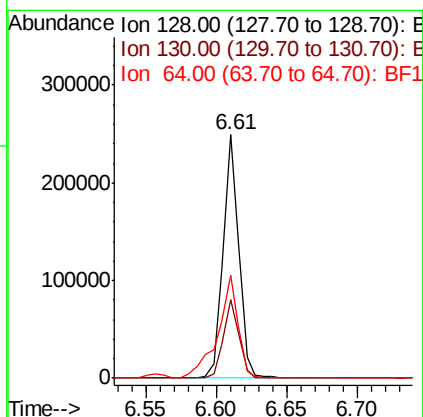
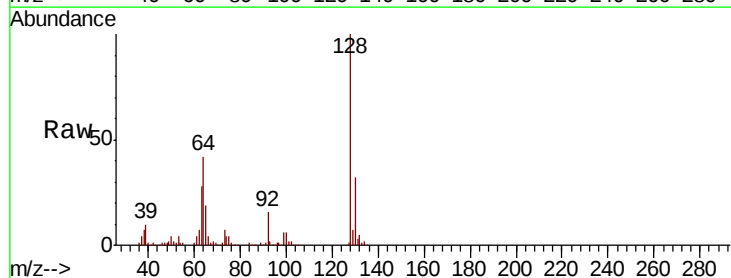
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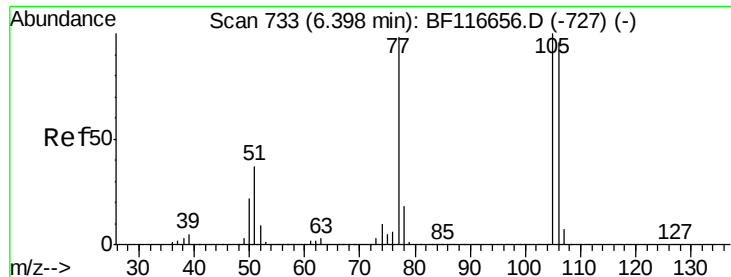
Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	128	Resp:	192521
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.3	52.3
64	42.2	22.5	62.5





#9

Benzaldehyde

Concen: 30.494 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

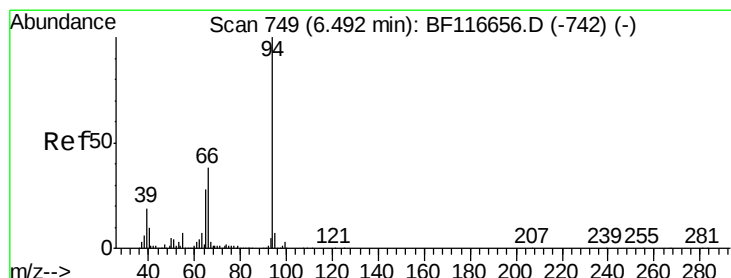
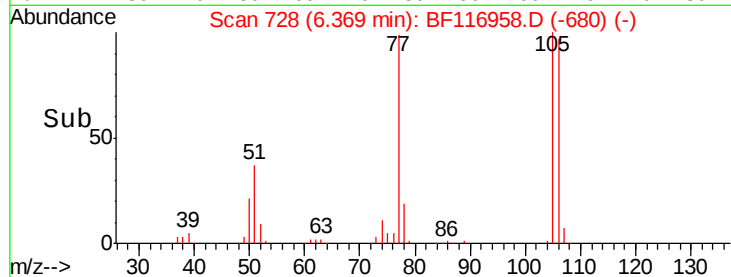
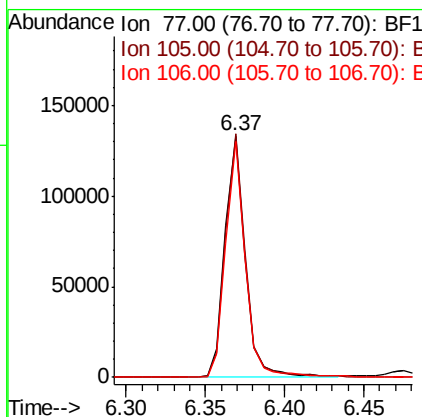
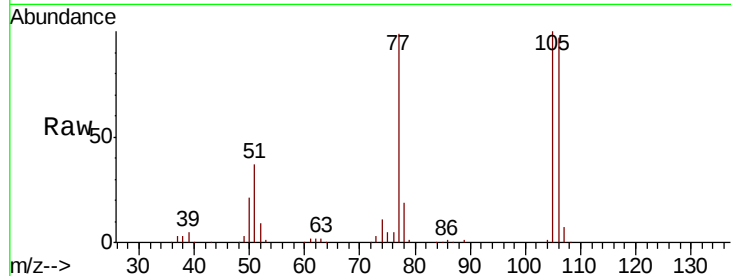
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	77	Resp:	118964
Ion Ratio	Lower	Upper	
77	100		
105	100.9	76.7	116.7
106	97.6	73.1	113.1

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#10

Phenol

Concen: 36.798 ng

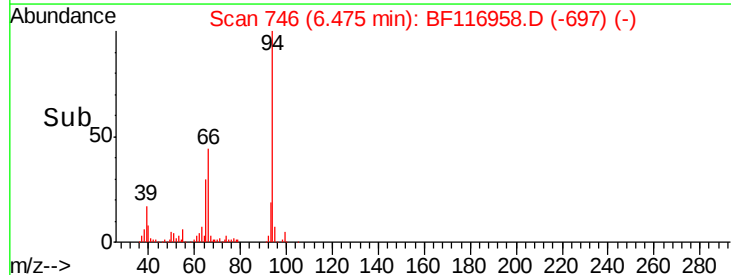
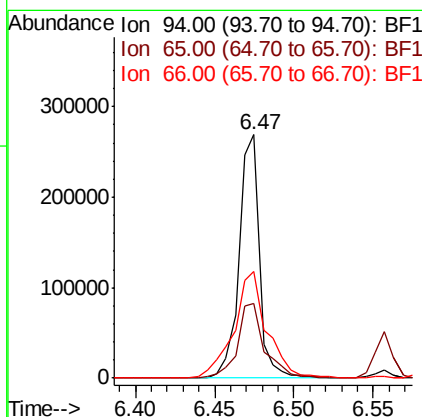
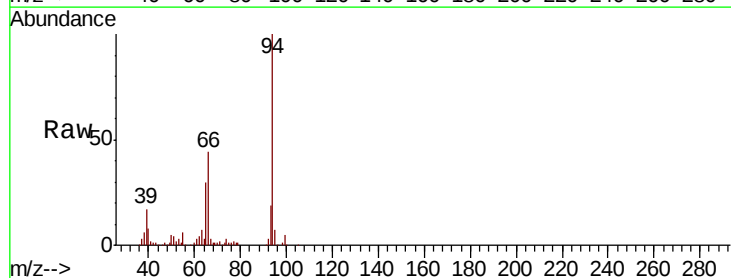
RT: 6.47 min Scan# 746

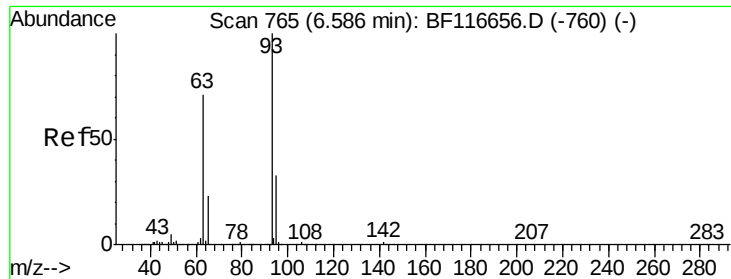
Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	94	Resp:	241289
Ion Ratio	Lower	Upper	
94	100		
65	30.4	10.8	50.8
66	43.7	21.1	61.1





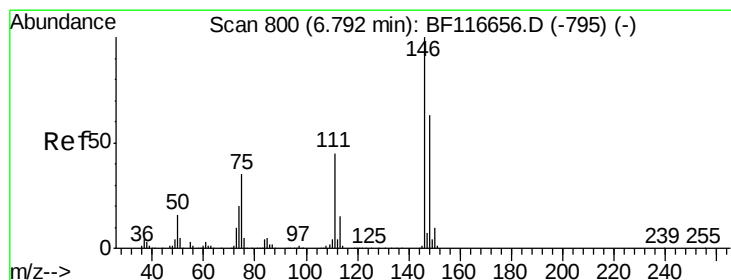
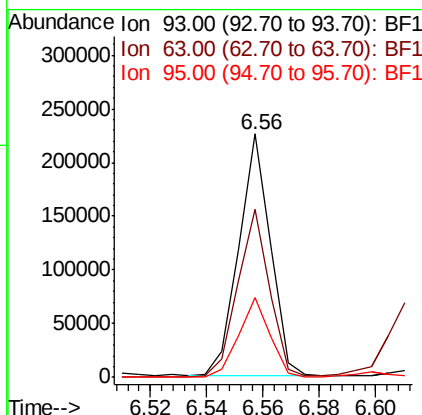
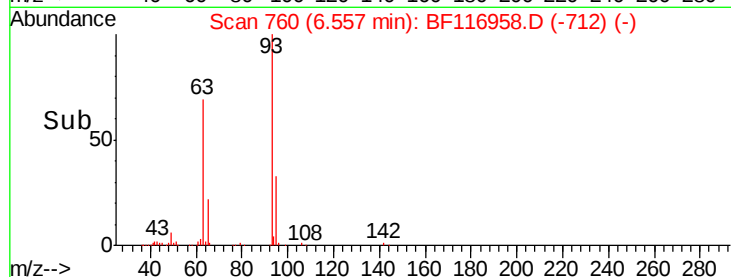
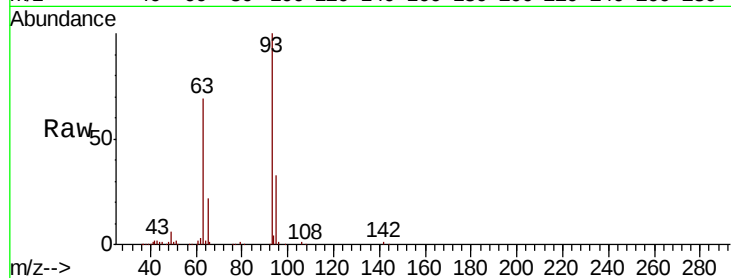
#11
bis(2-Chloroethyl)ether
Concen: 34.188 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		174556		
63	68.8	49.9	89.9		
95	32.6	12.7	52.7		

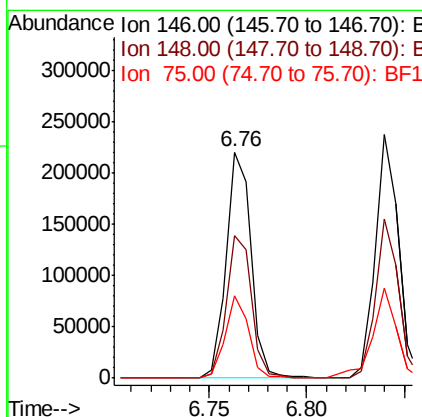
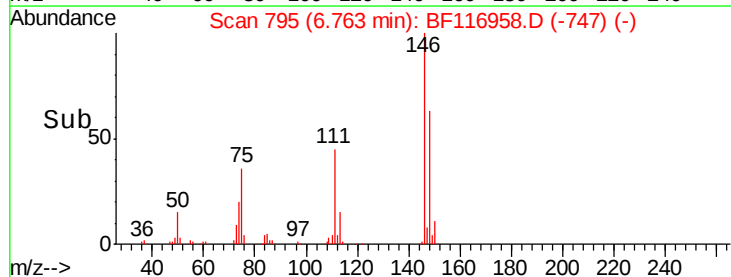
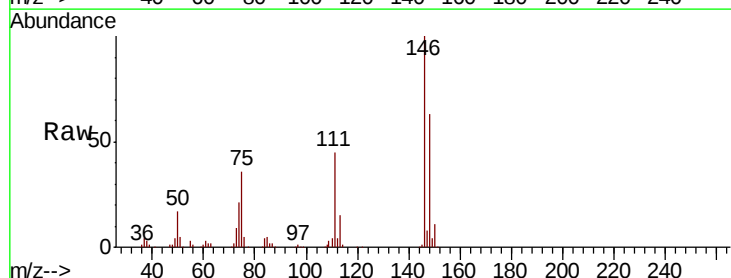
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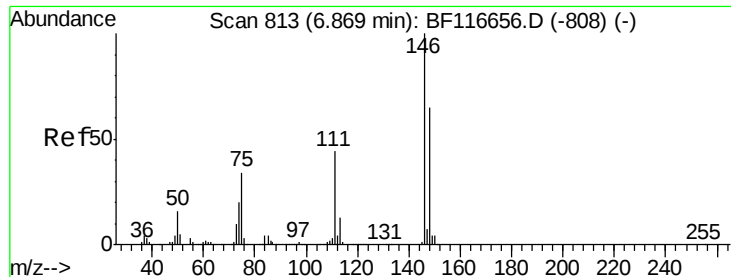
mohammad
9/16/2019 8:57:54 AM



#12
1,3-Dichlorobenzene
Concen: 35.092 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		195249		
148	63.2	51.4	77.0		
75	36.4	29.6	44.4		





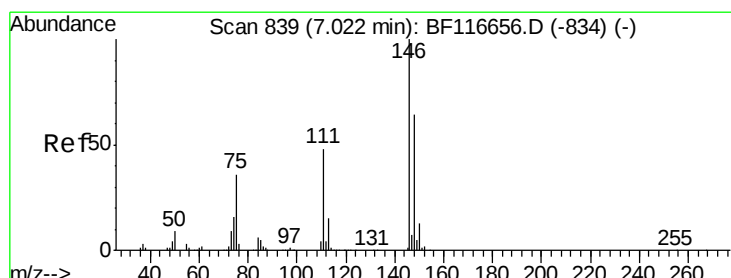
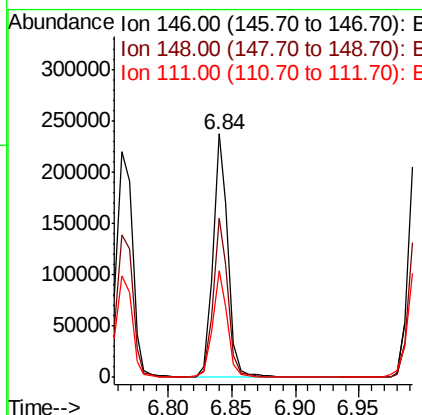
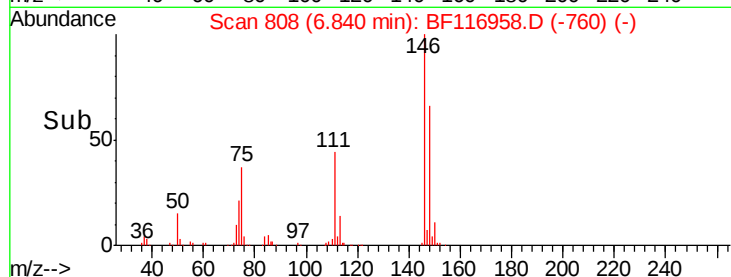
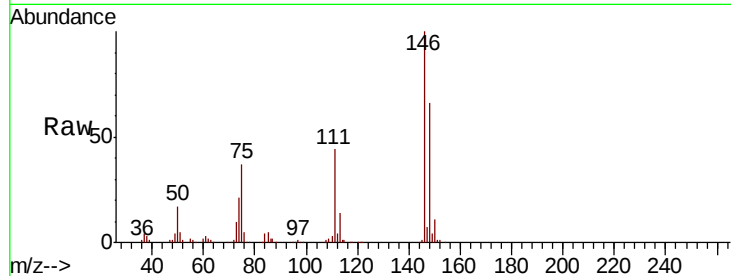
#13
 1,4-Dichlorobenzene
 Concen: 35.911 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.4	77.2
111	43.7	34.8	52.2

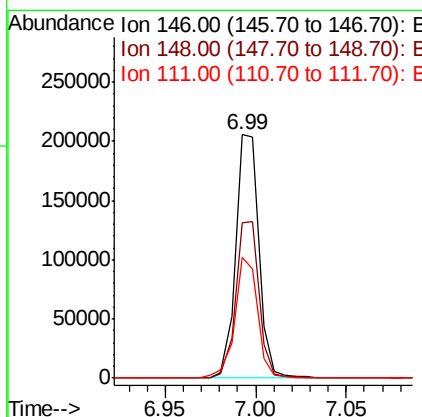
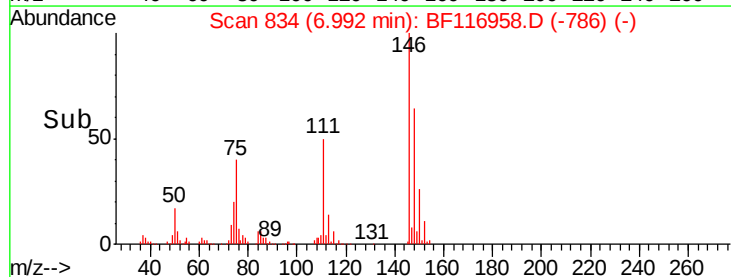
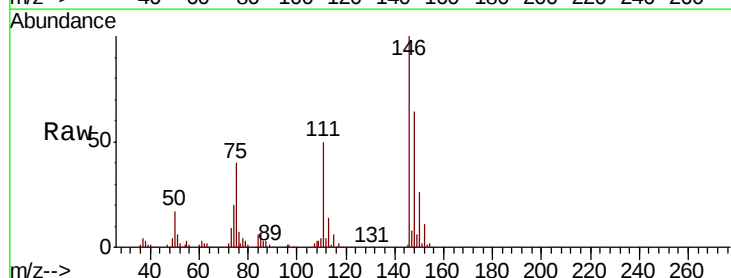
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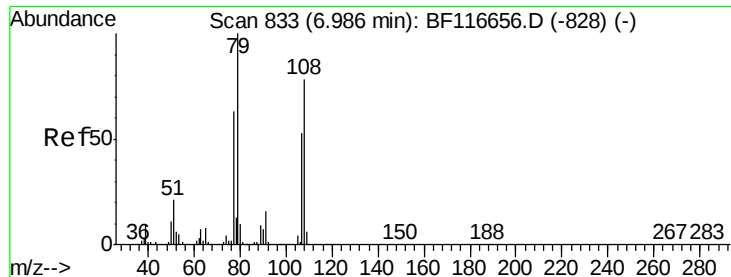
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.002 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.6	78.8
111	49.6	34.2	51.4





#15

Benzyl Alcohol

Concen: 36.732 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

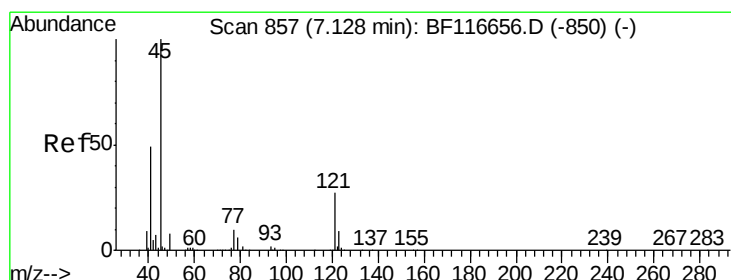
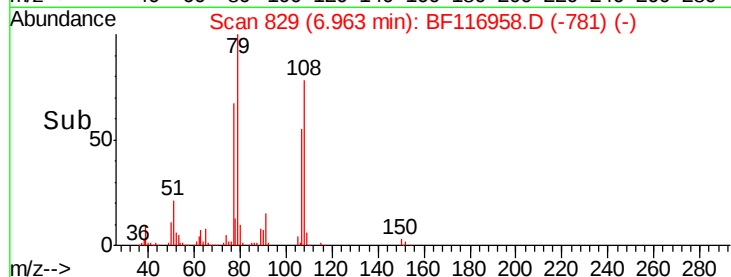
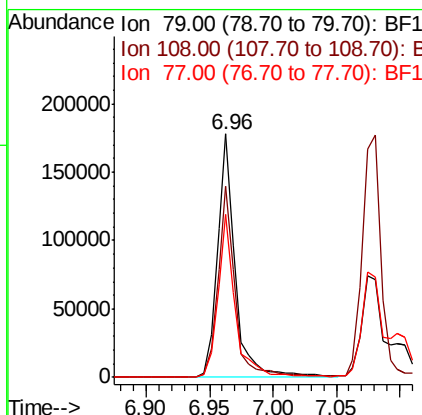
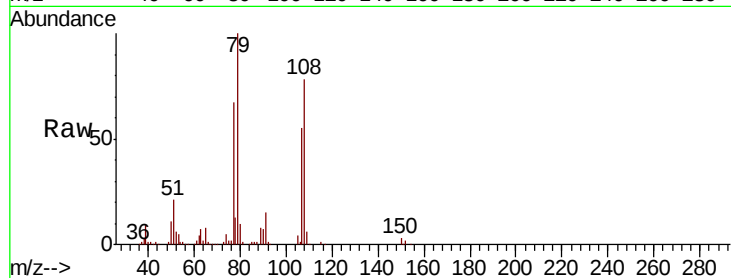
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	79	Resp:	176563
Ion Ratio	Lower	Upper	
79	100		
108	78.4	59.2	88.8
77	66.7	53.0	79.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.547 ng

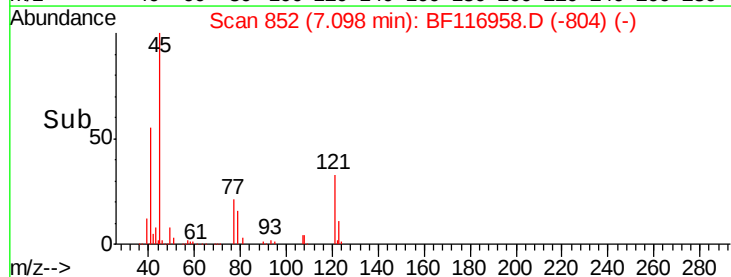
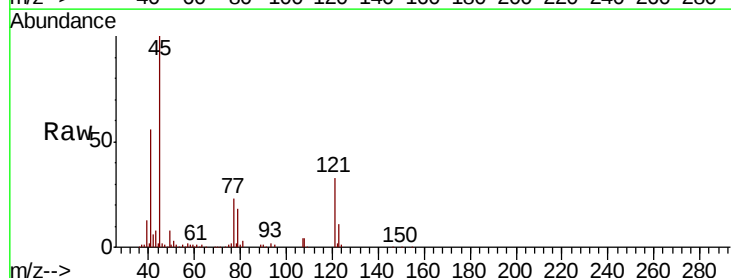
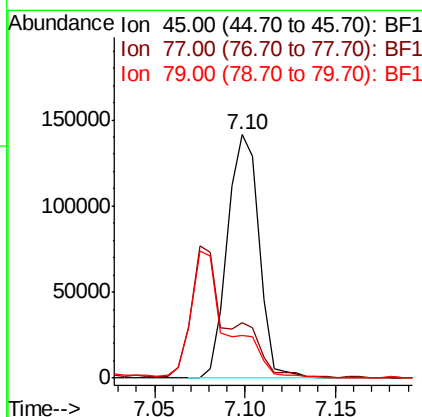
RT: 7.10 min Scan# 852

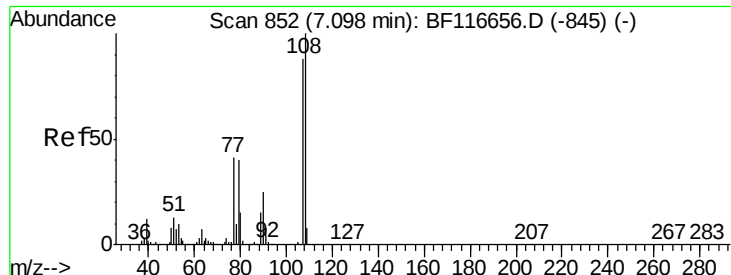
Delta R.T. -0.02 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	45	Resp:	171008
Ion Ratio	Lower	Upper	
45	100		
77	22.6	0.0	38.2
79	17.5	0.0	33.9





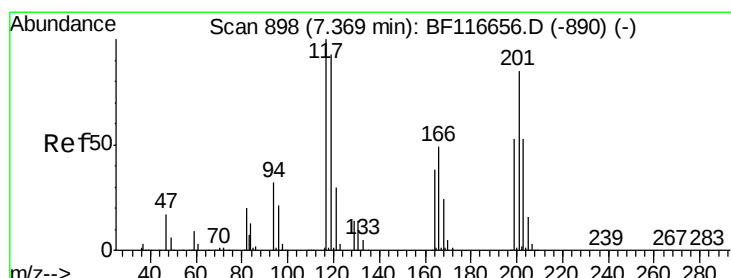
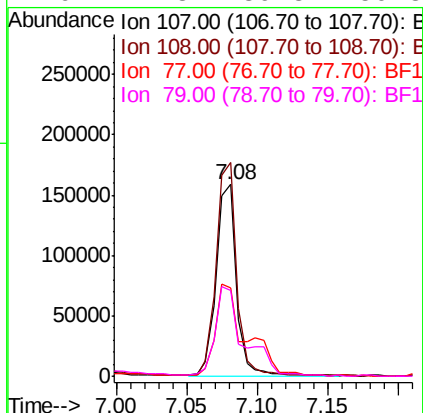
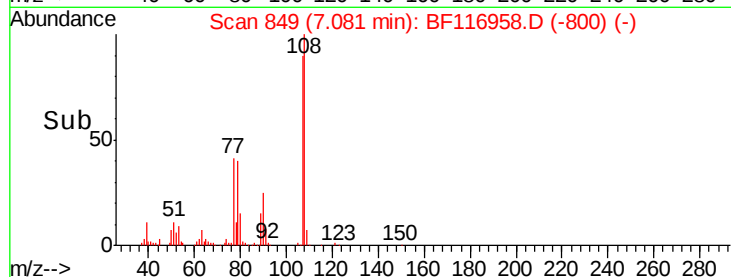
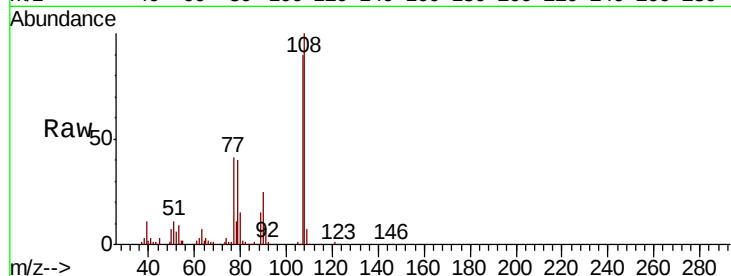
#17
2-Methylphenol
Concen: 36.960 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	88.3	132.5	
77	46.3	39.9	59.9	
79	44.8	39.8	59.8	

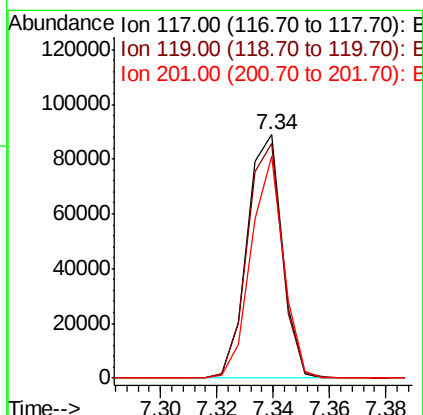
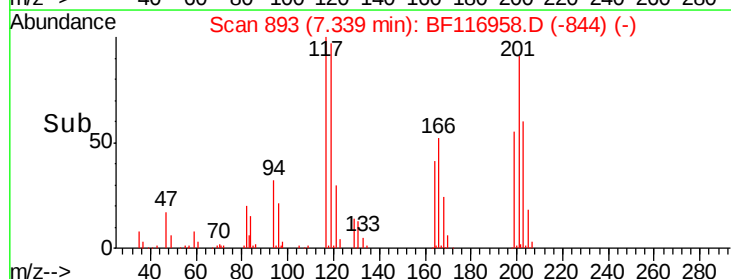
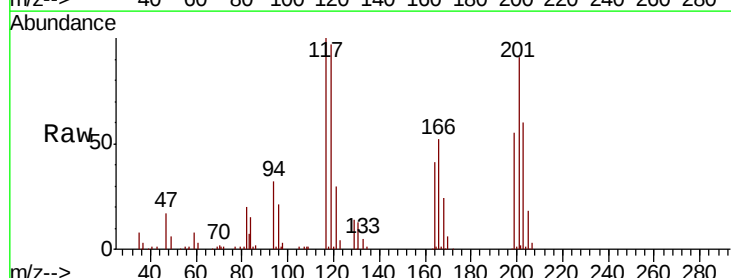
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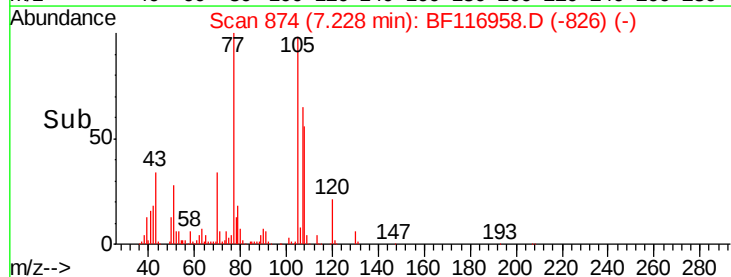
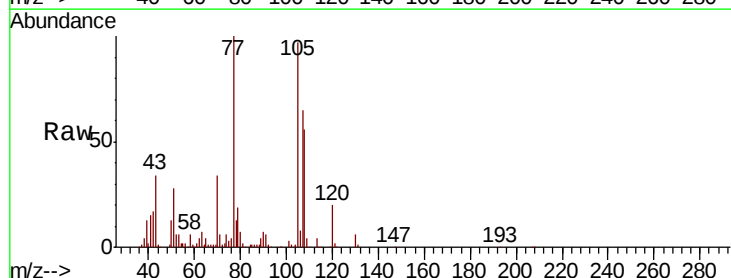
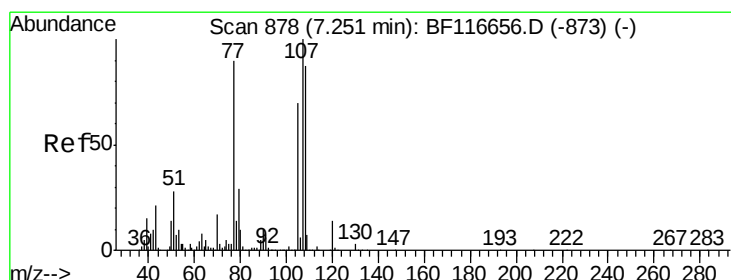
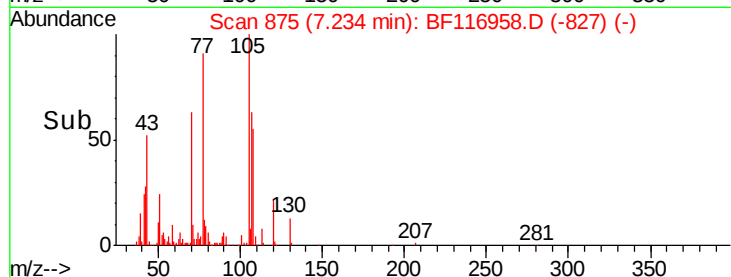
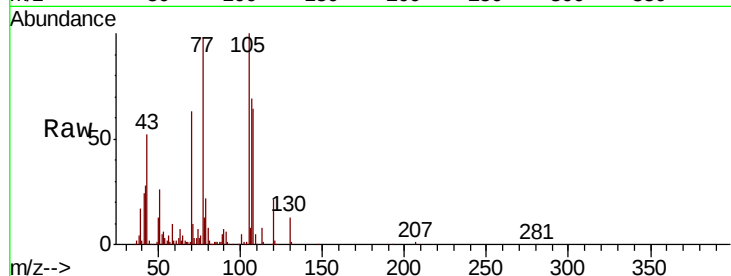
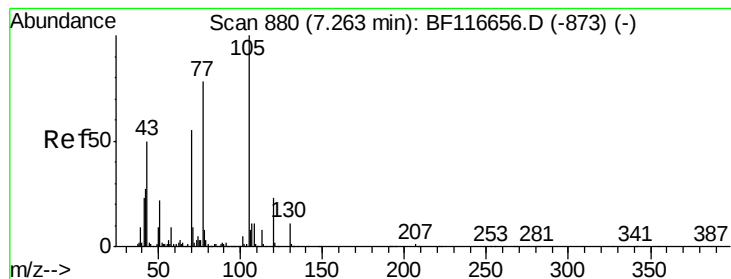
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#18
Hexachloroethane
Concen: 35.603 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.9	115.3	
201	91.1	79.4	119.0	





#19

n-Nitroso-di-n-propylamine

Concen: 35.589 ng

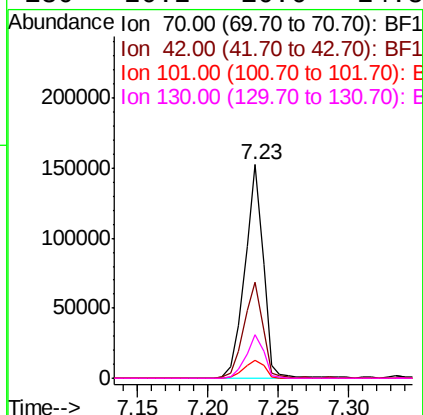
RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		138763		
42	45.2	43.5	65.3		
101	8.7	7.8	11.6		
130	20.2	16.6	24.8		



Instrument :

BNA_F

ClientSampleId :

TP-7-D(4-10)MS

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#20

3+4-Methylphenols

Concen: 40.618 ng

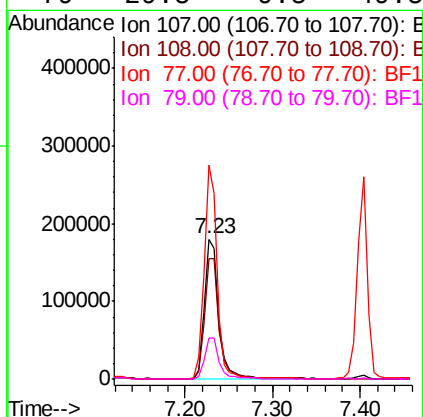
RT: 7.23 min Scan# 874

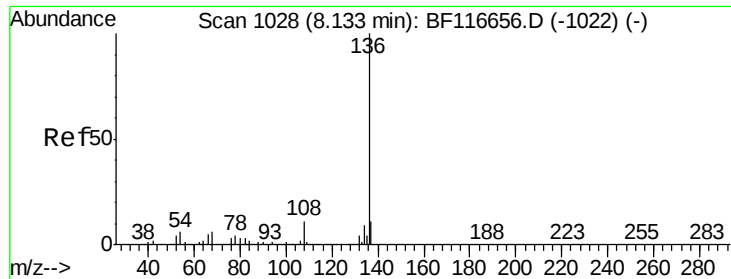
Delta R.T. -0.02 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		203528		
108	86.0	65.5	105.5		
77	152.8	69.4	109.4#		
79	29.5	9.5	49.5		





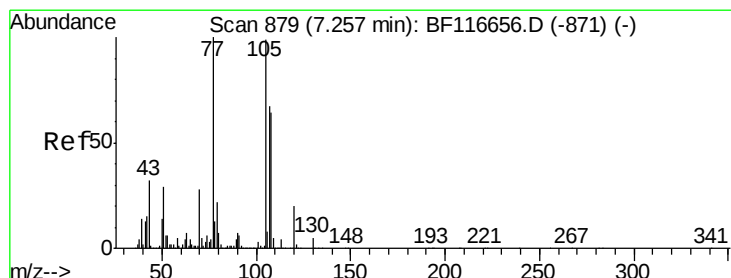
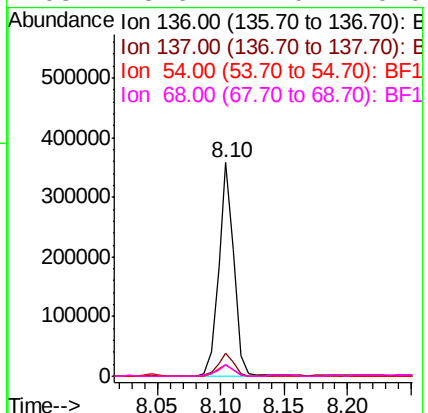
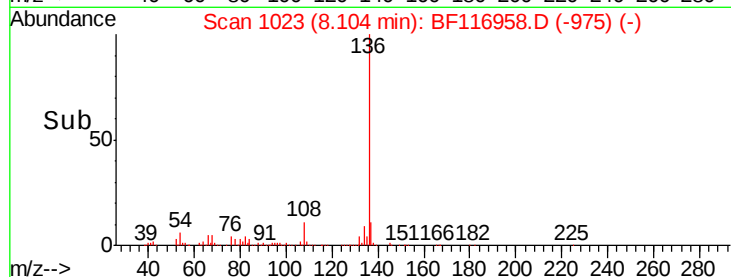
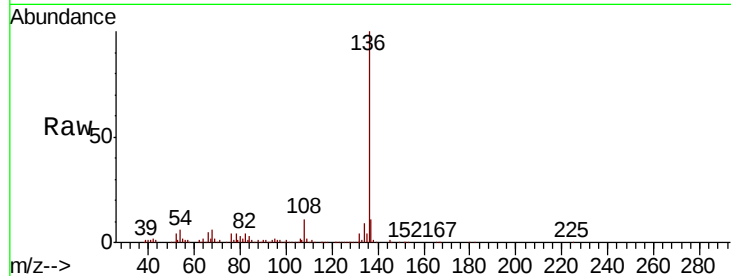
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	299372		
137	11.1	8.9	13.3	
54	5.7	4.8	7.2	
68	5.6	4.0	6.0	

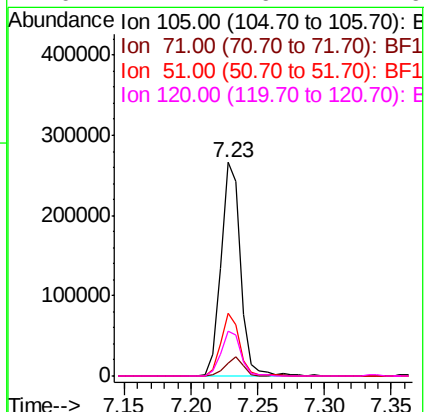
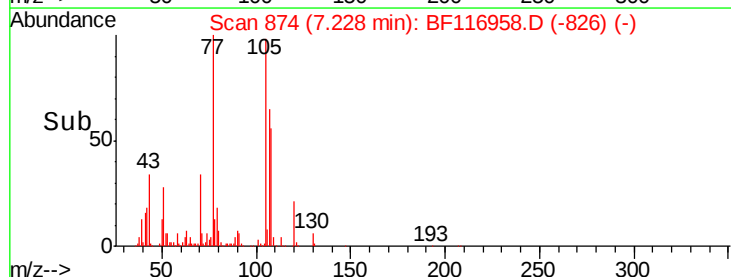
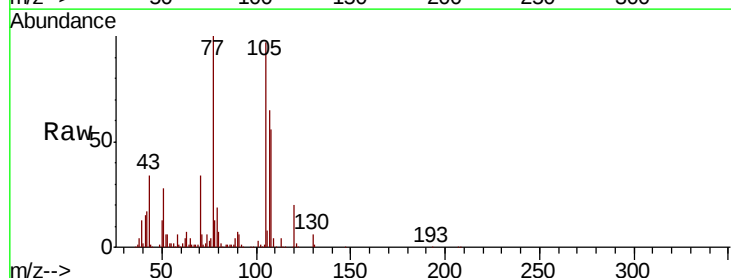
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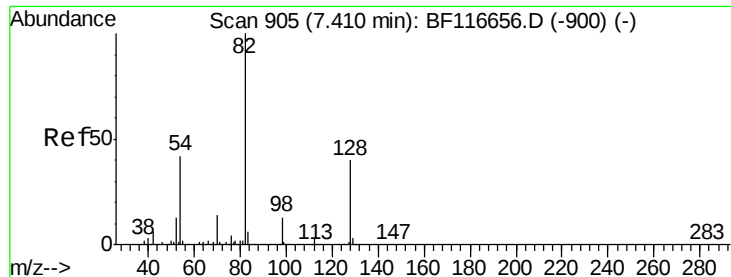
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#22
Acetophenone
Concen: 38.466 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277237		
71	6.0	4.2	6.4	
51	29.3	25.8	38.8	
120	21.2	16.4	24.6	





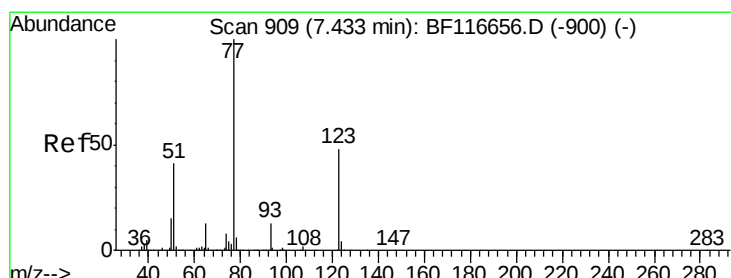
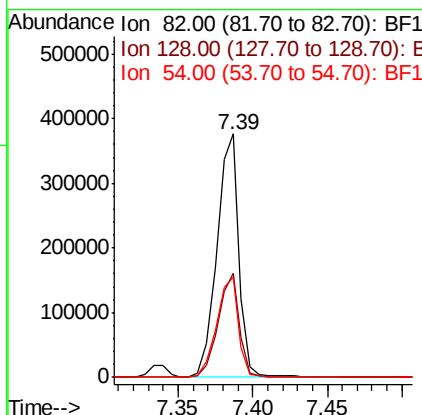
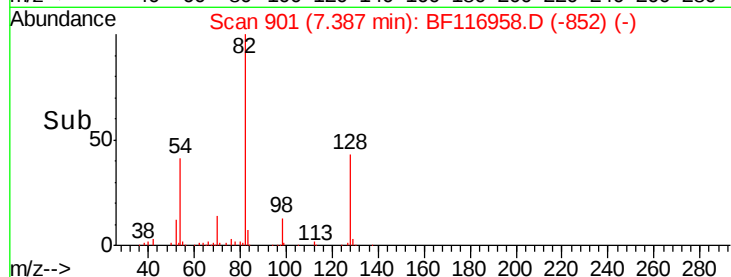
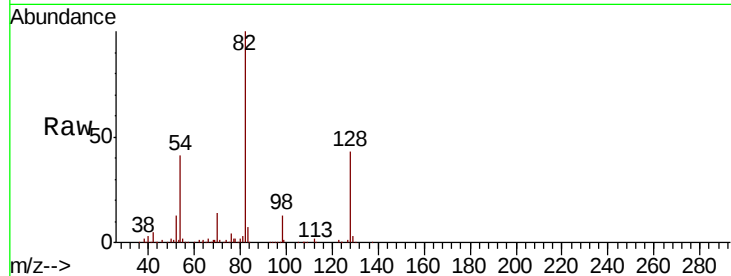
#23
 Nitrobenzene-d5
 Concen: 73.642 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)MS

Tot Ion	82	Resp	386185
Ion Ratio	Lower	Upper	
82	100		
128	42.8	32.8	49.2
54	41.4	36.9	55.3

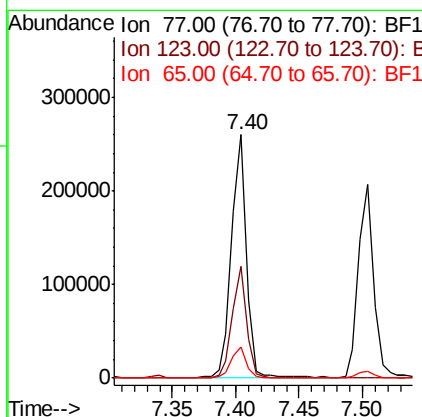
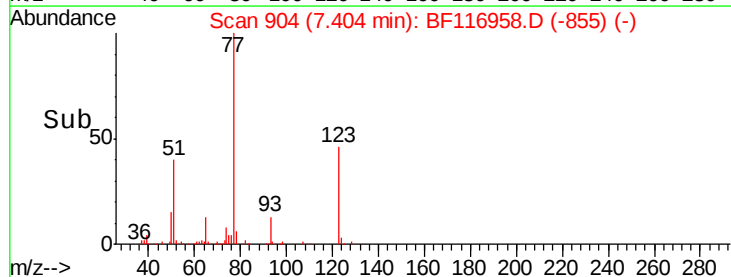
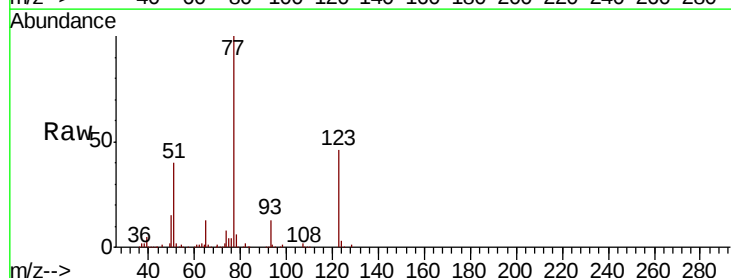
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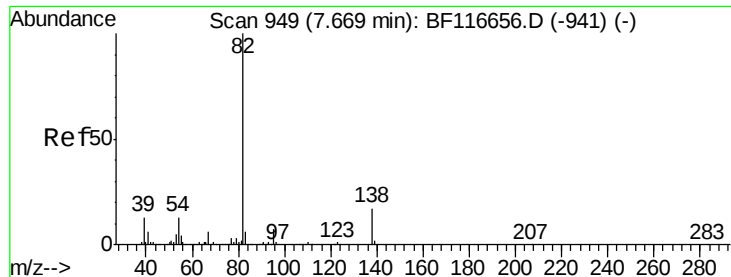
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#24
 Nitrobenzene
 Concen: 39.500 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Tgt Ion	77	Resp	210671
Ion Ratio	Lower	Upper	
77	100		
123	46.0	33.1	49.7
65	12.7	10.6	15.8





#25

Isophorone

Concen: 36.548 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

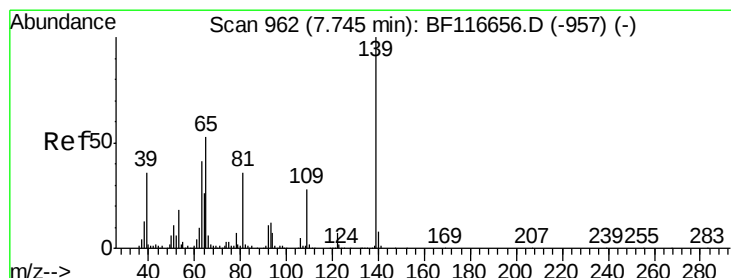
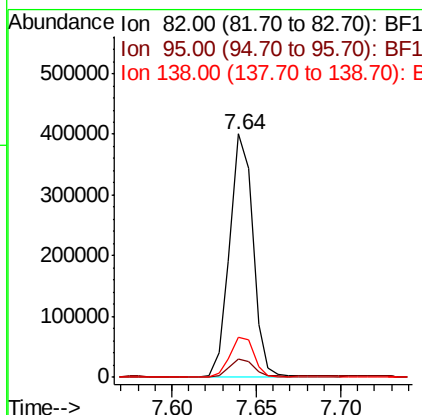
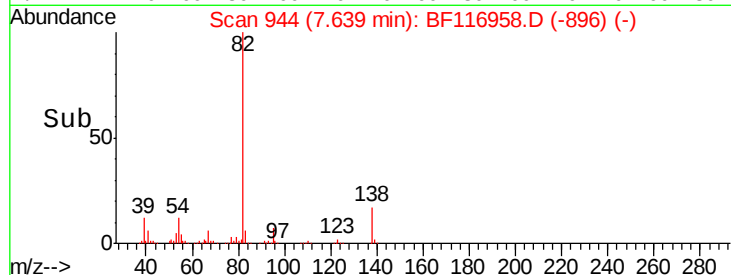
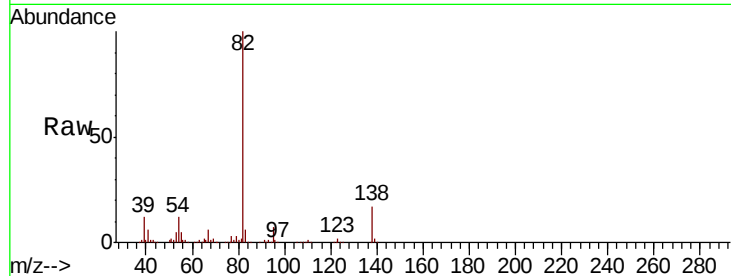
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	82	Resp:	388367
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	16.6	13.5	20.3

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#26

2-Nitrophenol

Concen: 48.372 ng

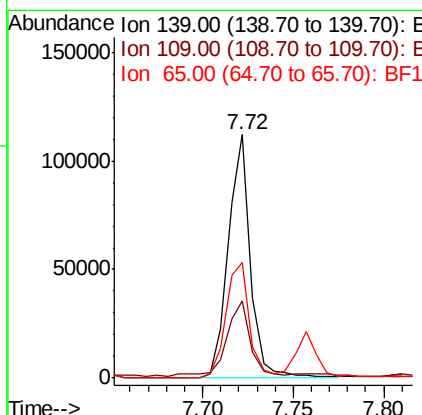
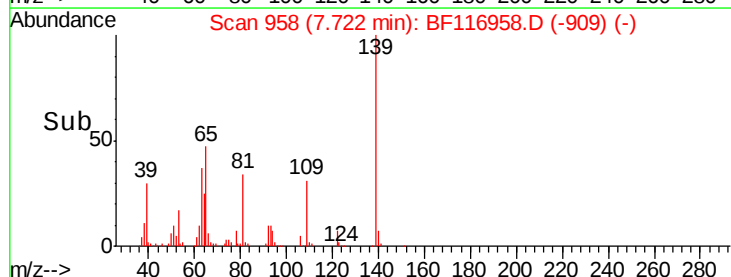
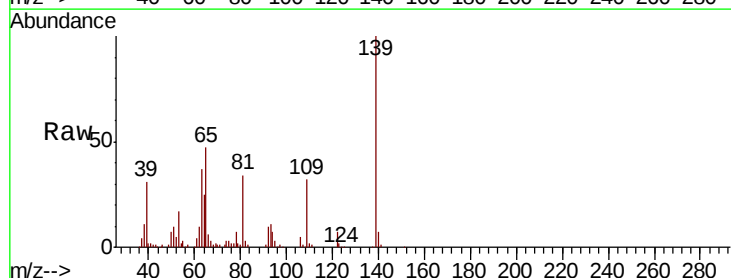
RT: 7.72 min Scan# 958

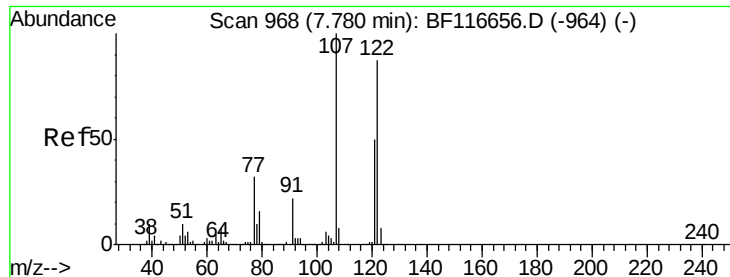
Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	139	Resp:	95917
Ion Ratio	Lower	Upper	
139	100		
109	31.7	27.1	40.7
65	47.3	43.0	64.6





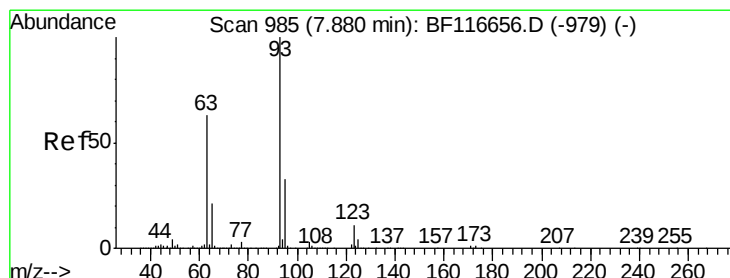
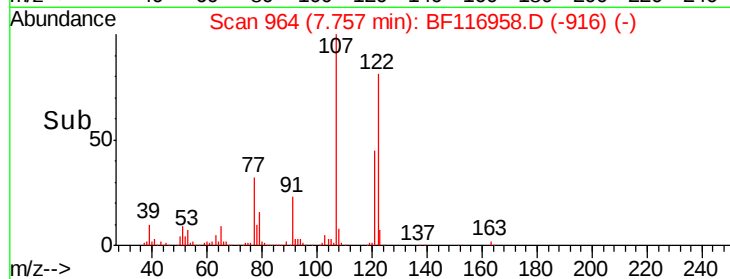
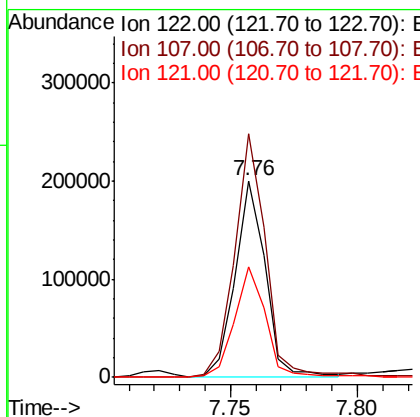
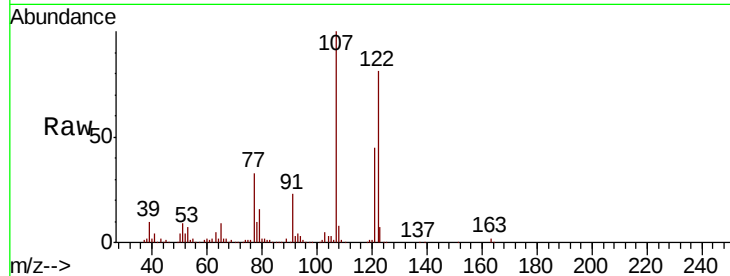
#27
2,4-Dimethylphenol
Concen: 41.422 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.9	98.1	147.1
121	56.1	47.3	70.9

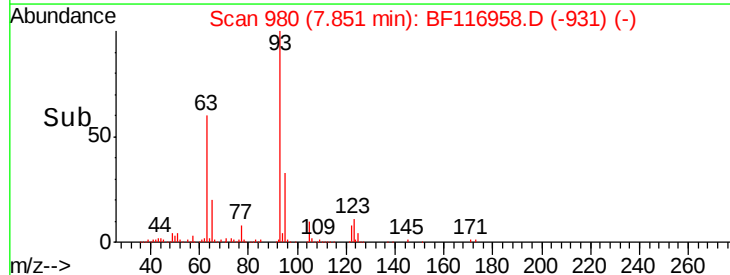
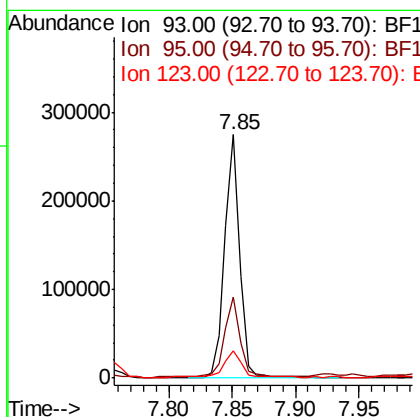
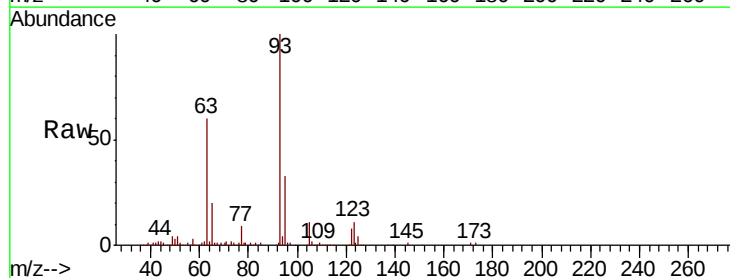
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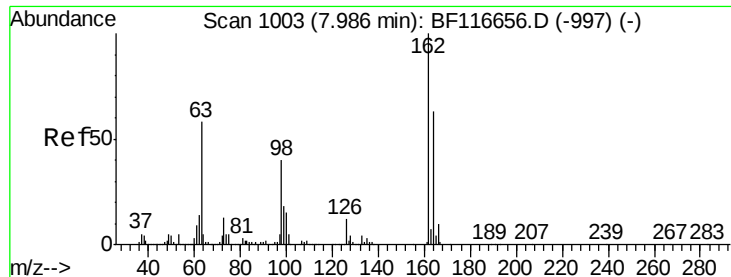
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 34.999 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.4	9.8	14.8





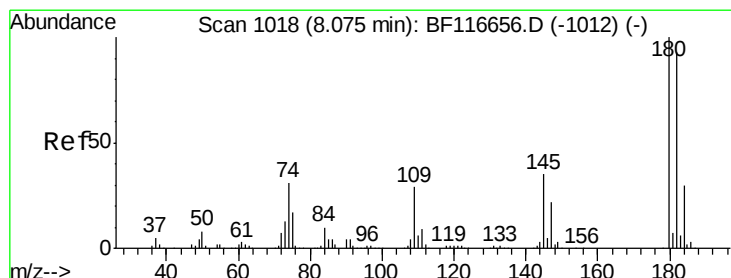
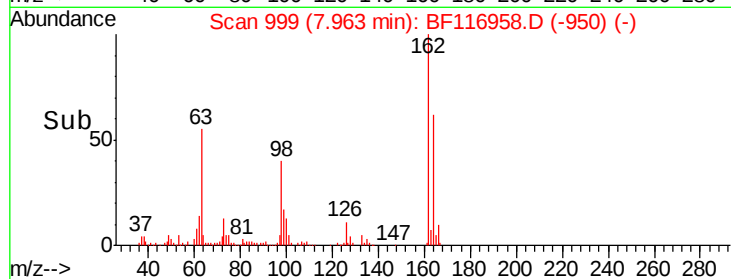
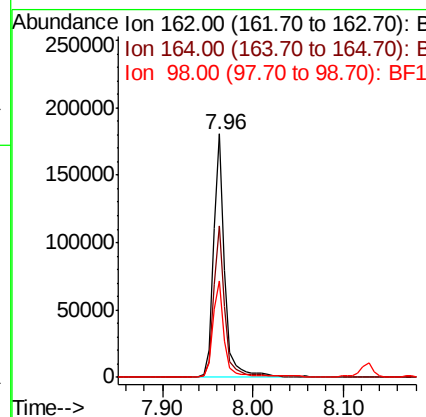
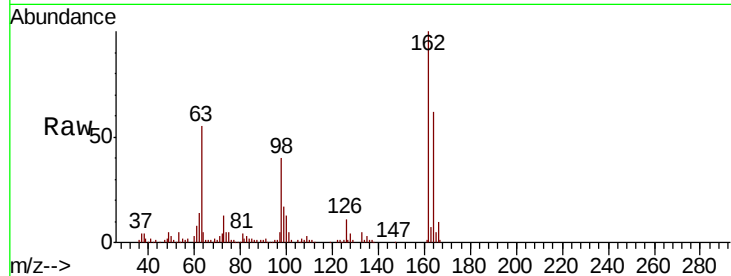
#29
2,4-Dichlorophenol
Concen: 41.416 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion:	162	Resp:	159392
Ion Ratio	Lower	Upper	
162	100		
164	62.3	43.4	83.4
98	39.5	18.1	58.1

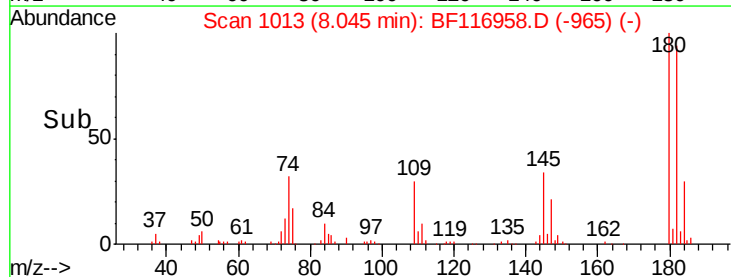
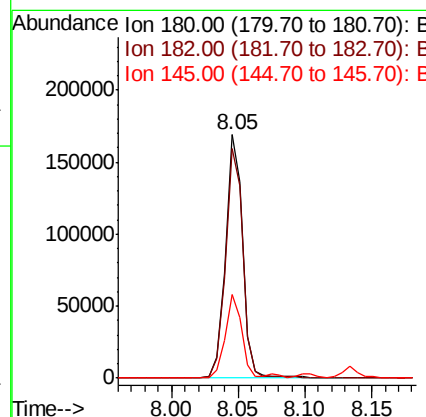
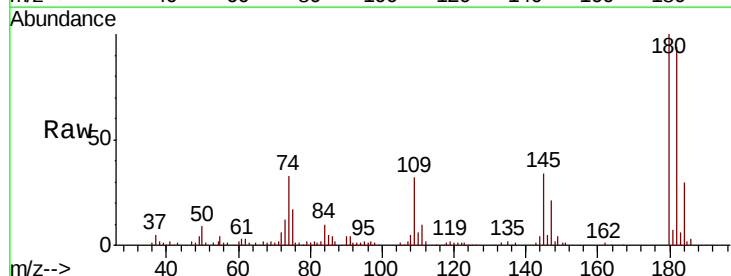
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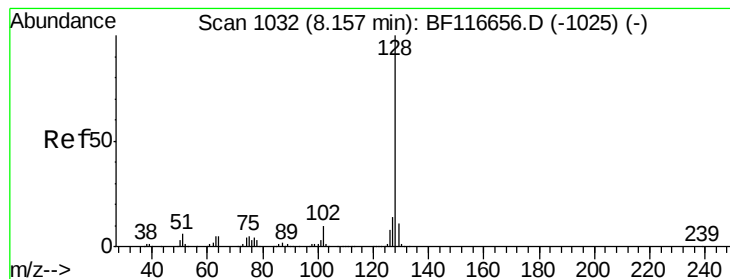
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.766 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion:	180	Resp:	153472
Ion Ratio	Lower	Upper	
180	100		
182	94.2	78.6	118.0
145	34.2	25.7	38.5





#31

Naphthalene

Concen: 37.979 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

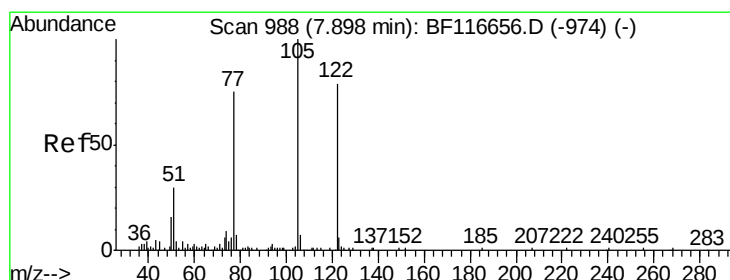
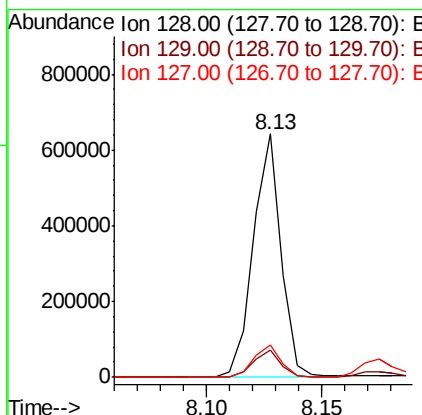
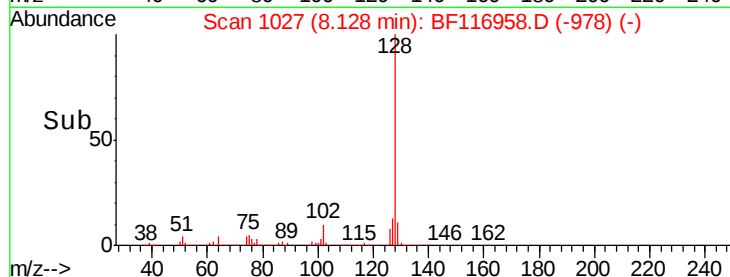
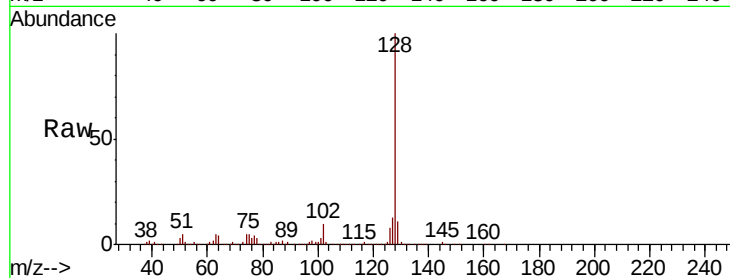
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	128	Resp:	540641
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.2	10.4	15.6

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#32

Benzoic acid

Concen: 27.289 ng

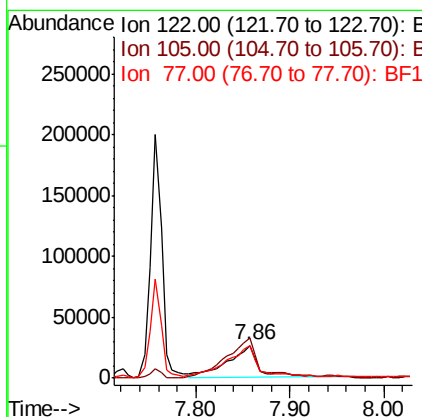
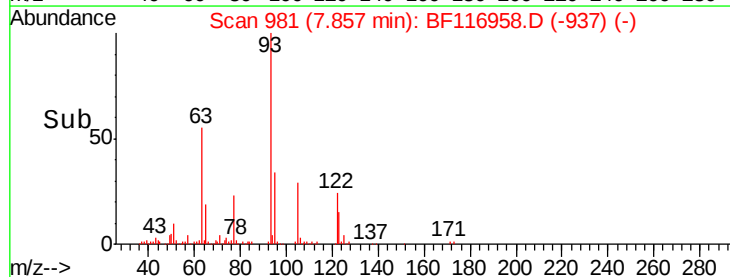
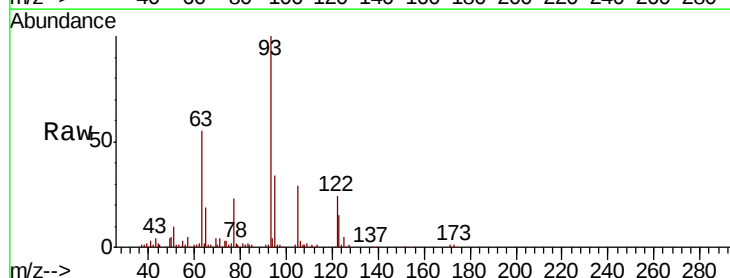
RT: 7.86 min Scan# 981

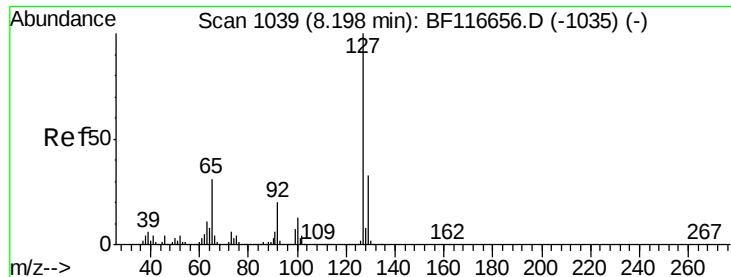
Delta R.T. -0.04 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	122	Resp:	61704
Ion Ratio	Lower	Upper	
122	100		
105	122.3	110.0	150.0
77	99.1	81.7	121.7





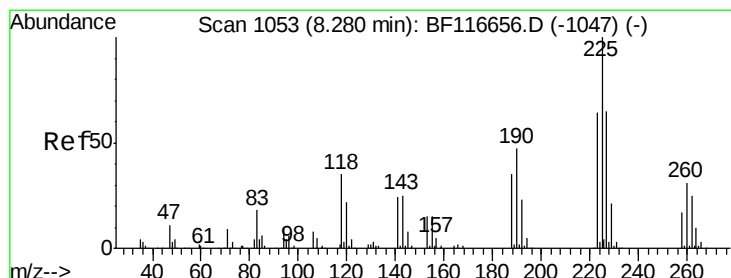
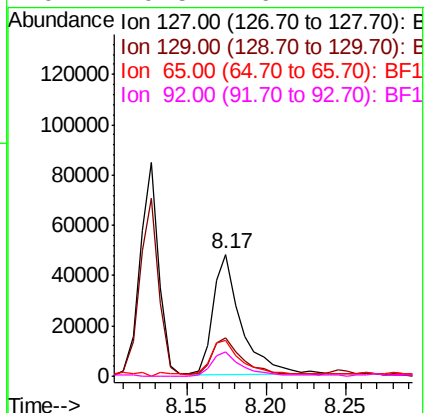
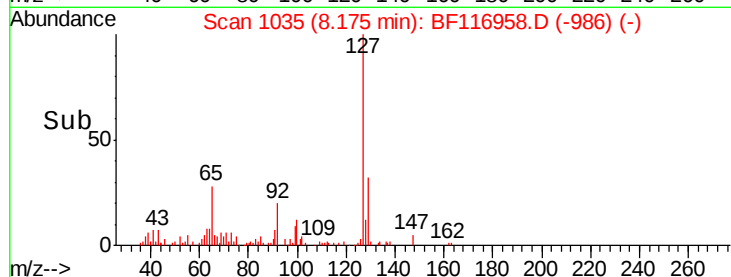
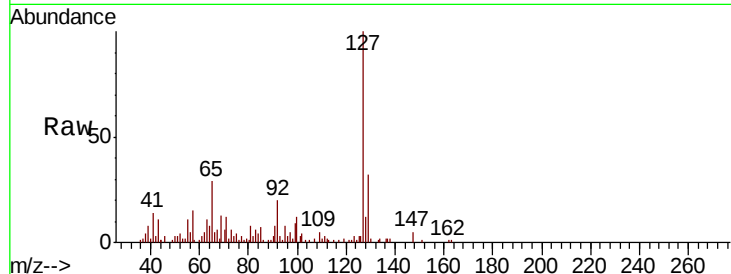
#33
4-Chloroaniline
Concen: 9.215 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.2
65	29.0	26.0	39.0
92	19.5	16.1	24.1

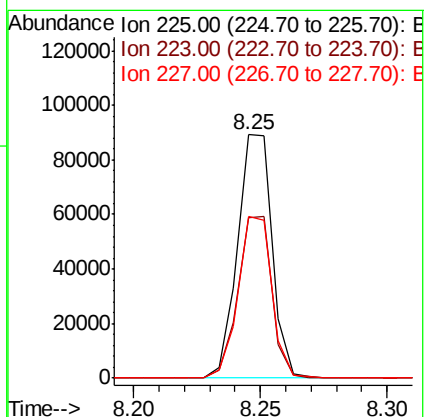
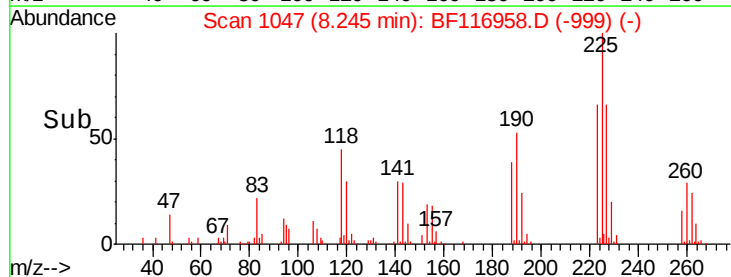
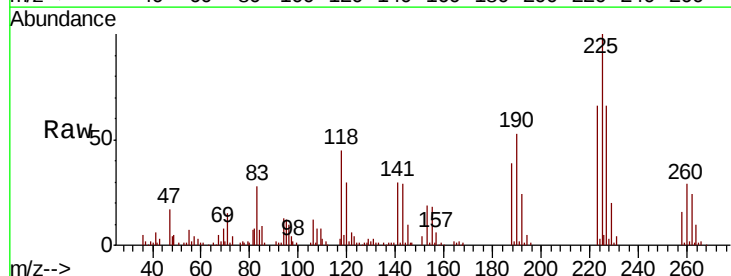
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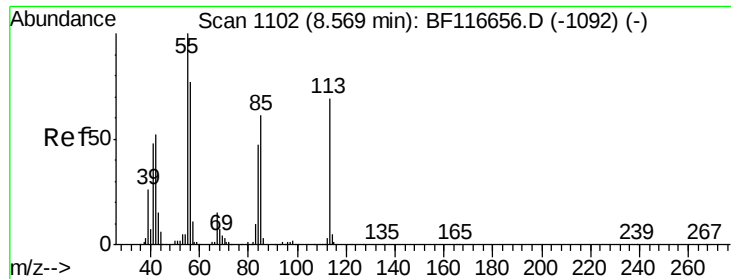
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#34
Hexachlorobutadiene
Concen: 37.079 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.9	49.4	74.2
227	66.4	51.0	76.4





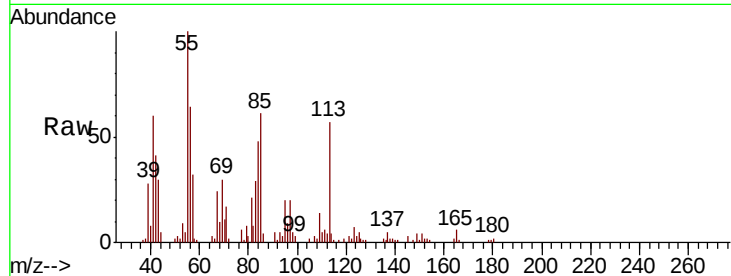
#35
Caprolactam
Concen: 38.717 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.9	124.3	164.3#
56	112.6	94.6	134.6

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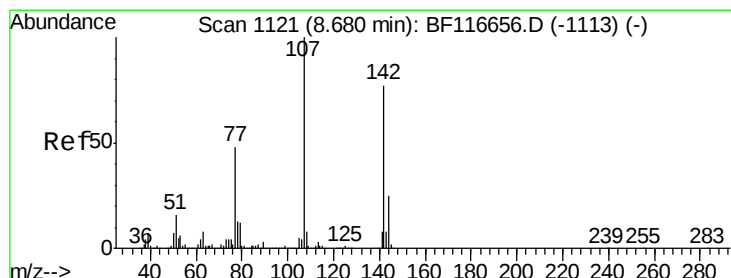
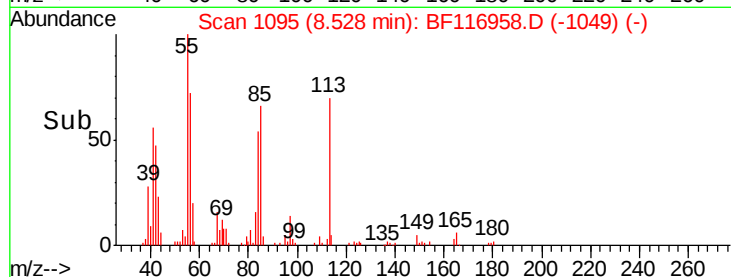
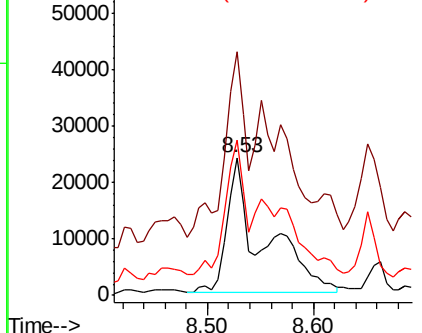


Abundance

Ion 113.00 (112.70 to 113.70): E

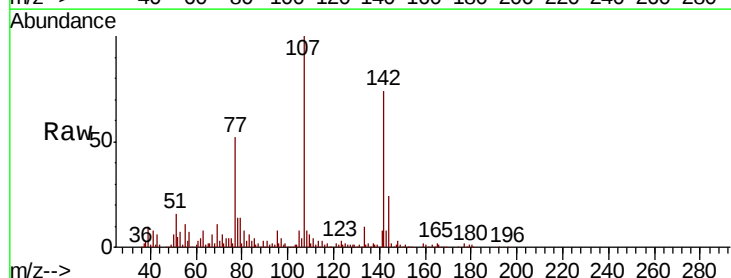
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 43.001 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	18.6	27.8
142	73.5	58.5	87.7

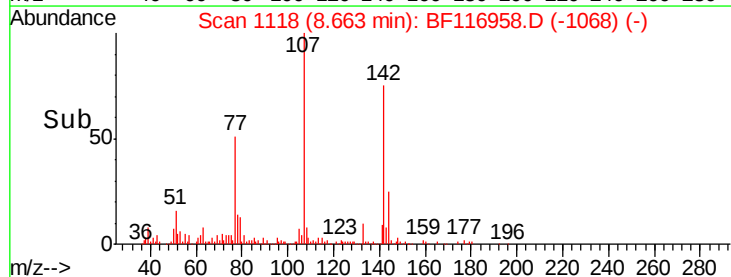
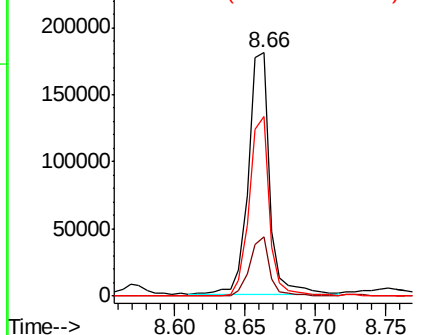


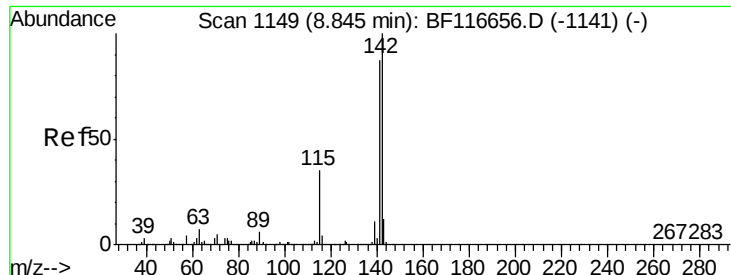
Abundance

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





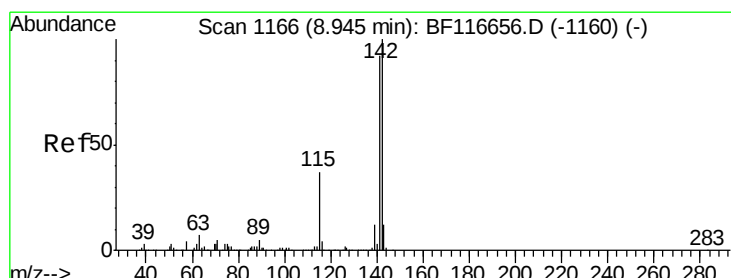
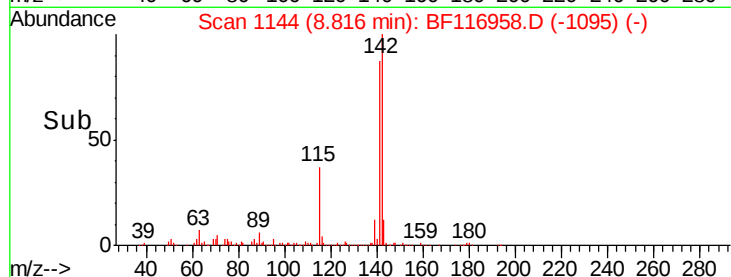
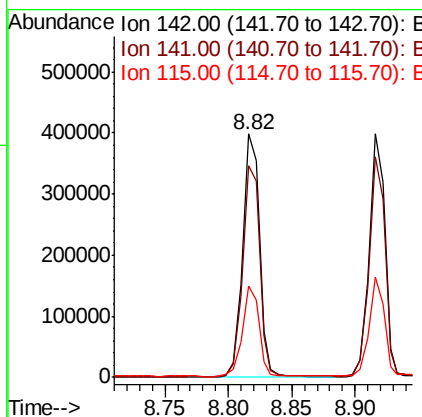
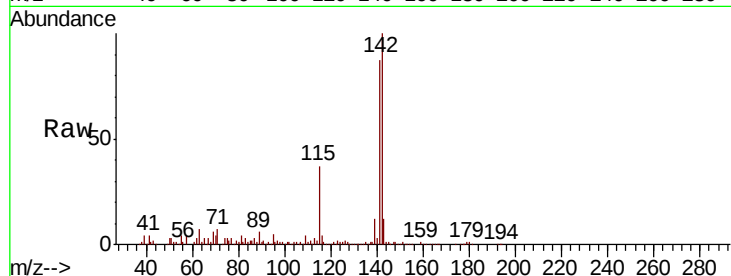
#37
2-Methylnaphthalene
Concen: 38.780 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.6	109.0
115	37.3	29.8	44.6

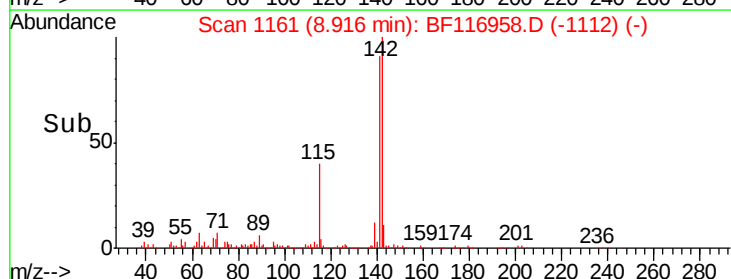
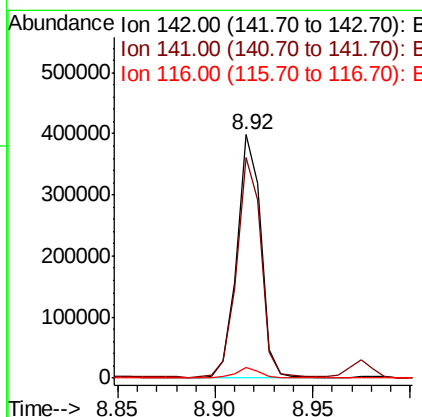
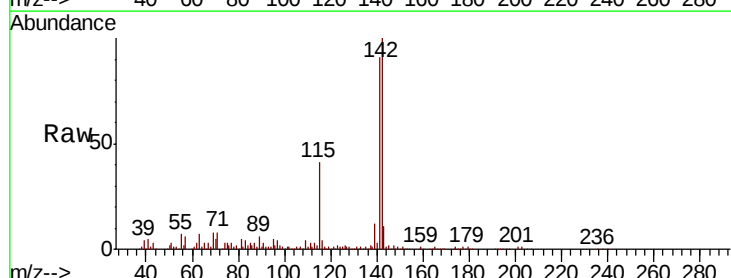
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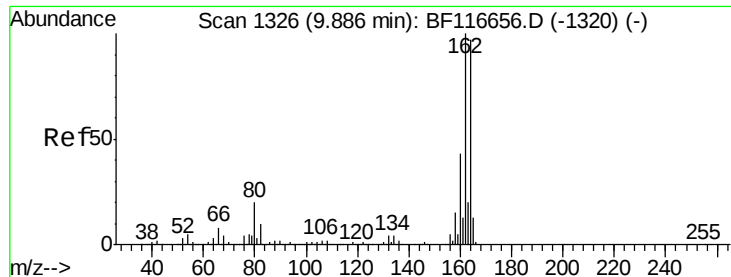
mohammad
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#38
1-Methylnaphthalene
Concen: 37.865 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.9	110.9
116	4.2	3.0	4.6





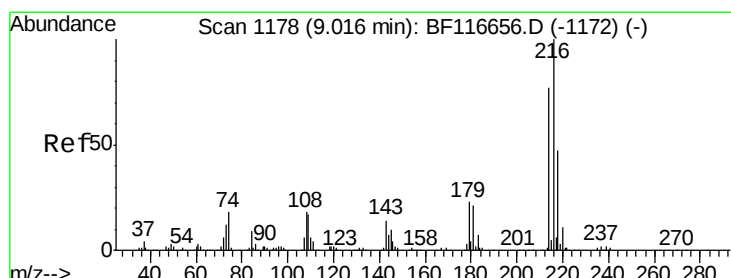
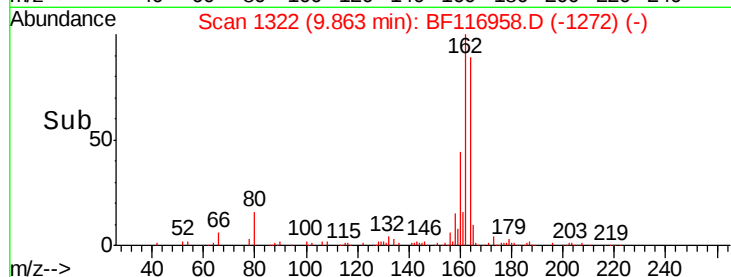
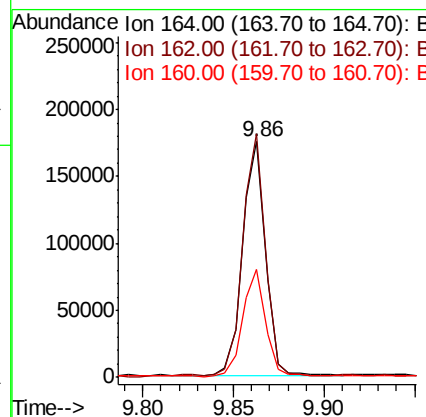
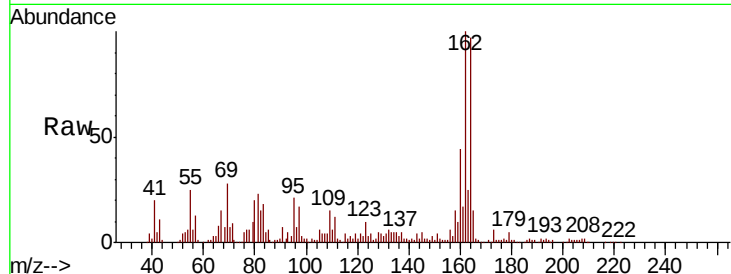
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion:	164	Resp:	152659
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.4	122.0
160	45.7	35.4	53.2

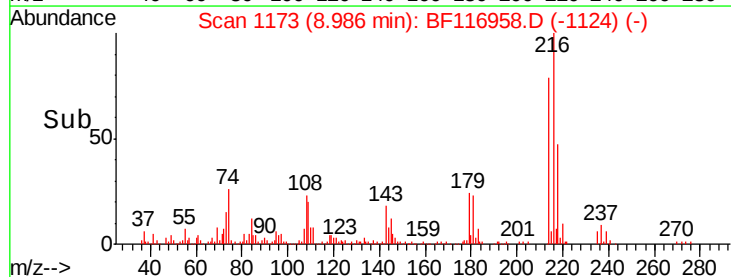
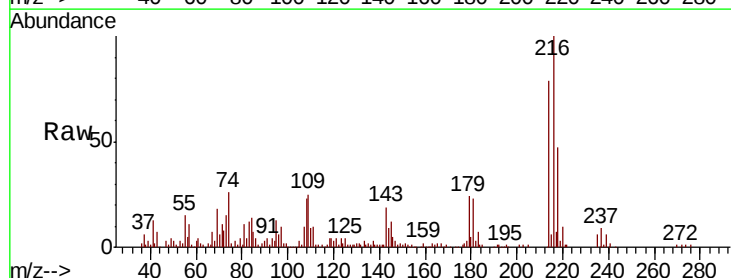
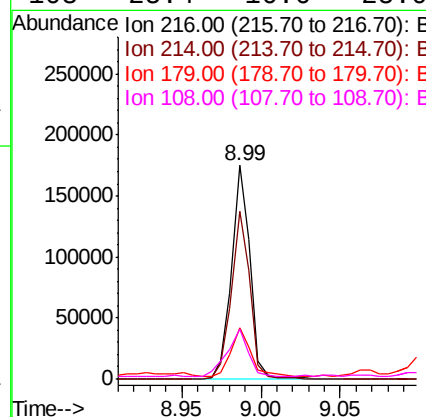
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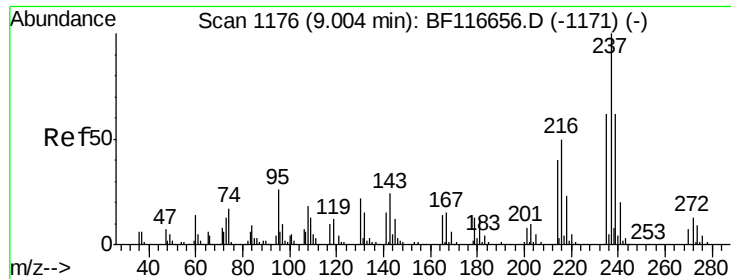
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.442 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion:	216	Resp:	140681
Ion Ratio	Lower	Upper	
216	100		
214	79.1	62.7	94.1
179	25.1	19.3	28.9
108	25.4	16.6	25.0#





#41

Hexachlorocyclopentadiene

Concen: 69.600 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

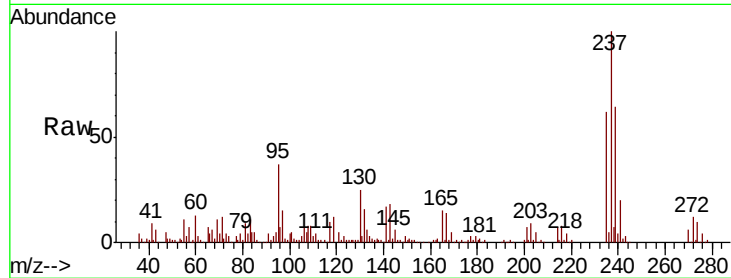
ClientSampleId :

TP-7-D(4-10)MS

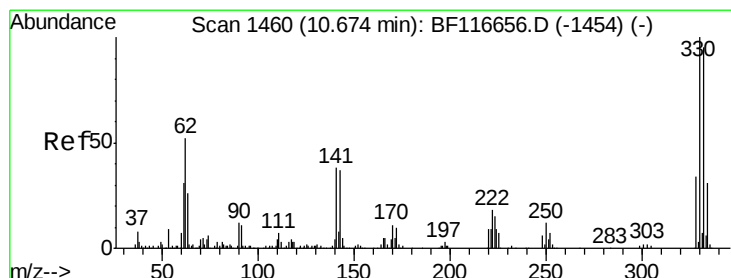
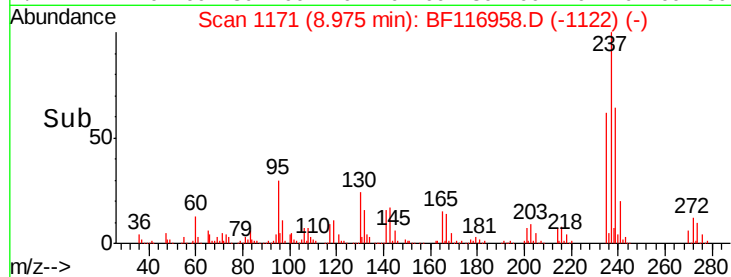
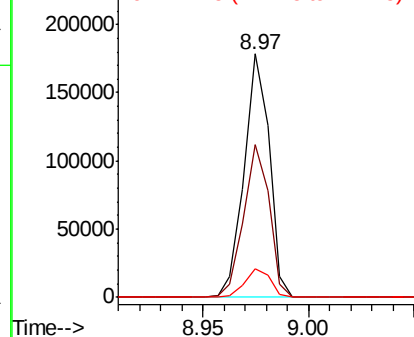
Tot Ion:	237	Resp:	147083
Ion Ratio		Lower	Upper
237	100		
235	62.5	41.4	81.4
272	11.6	0.0	32.8

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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: 136.292 ng

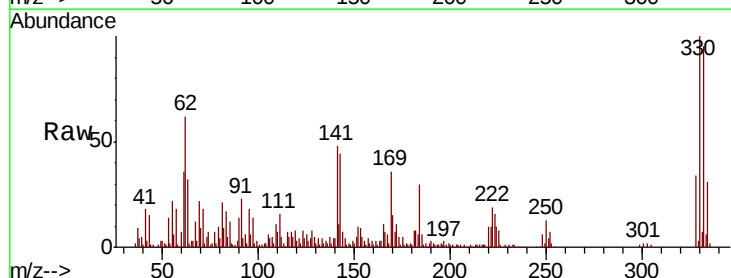
RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

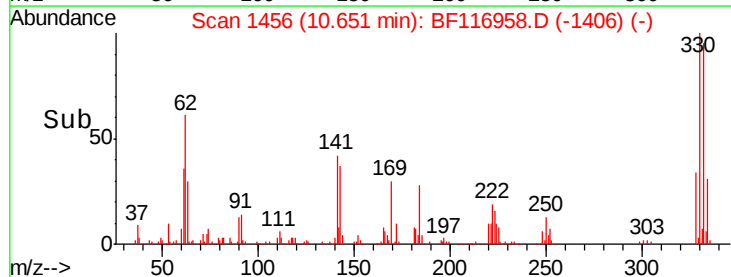
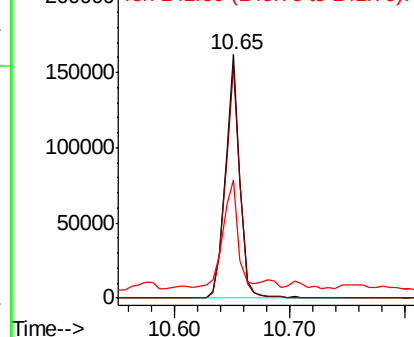
Lab File: BF116958.D

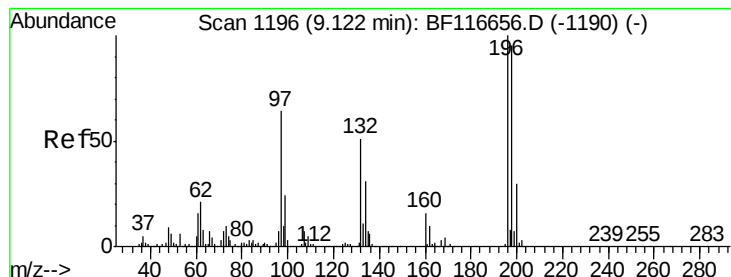
Acq: 11 Sep 2019 20:41

Tgt Ion:	330	Resp:	139094
Ion Ratio		Lower	Upper
330	100		
332	96.3	76.9	115.3
141	46.9	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: 40.768 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

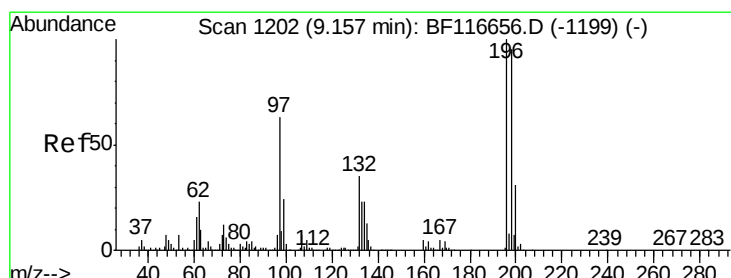
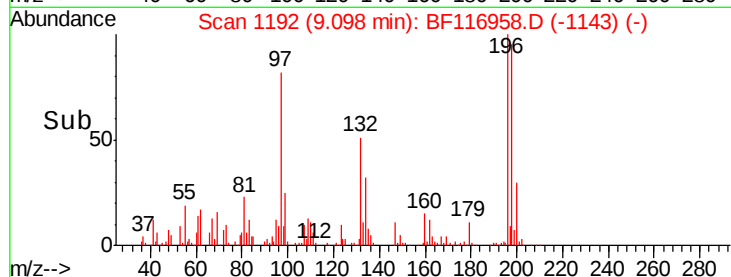
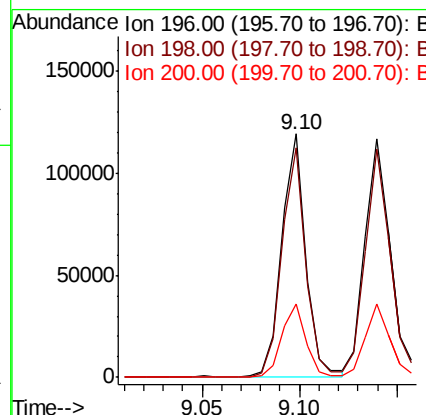
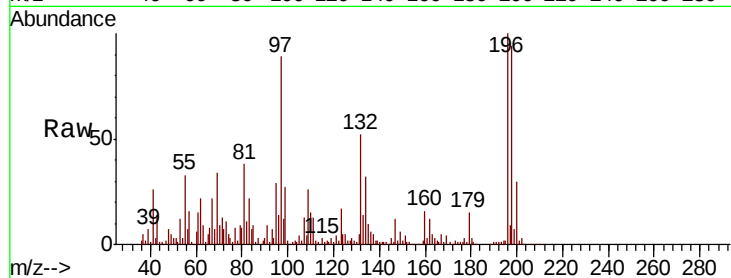
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	196	Resp:	102271
Ion Ratio	Lower	Upper	
196	100		
198	94.4	79.1	118.7
200	30.0	24.0	36.0

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#44

2,4,5-Trichlorophenol

Concen: 42.016 ng

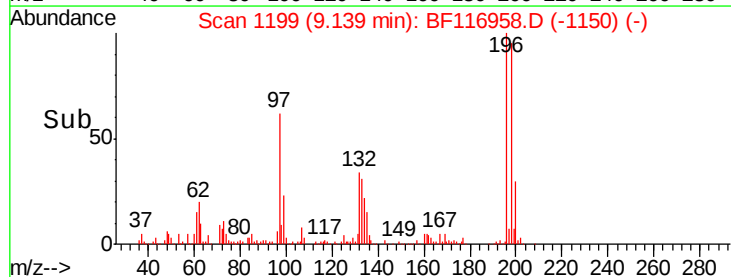
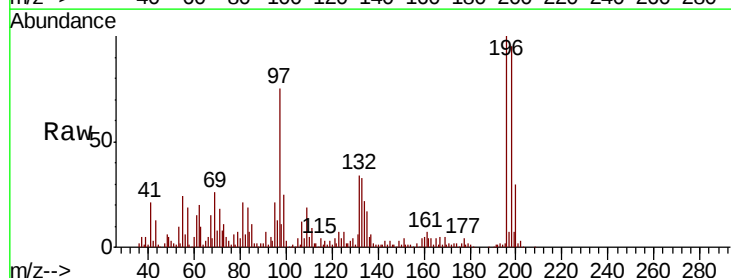
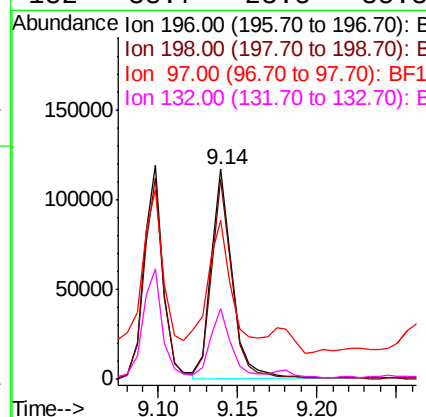
RT: 9.14 min Scan# 1199

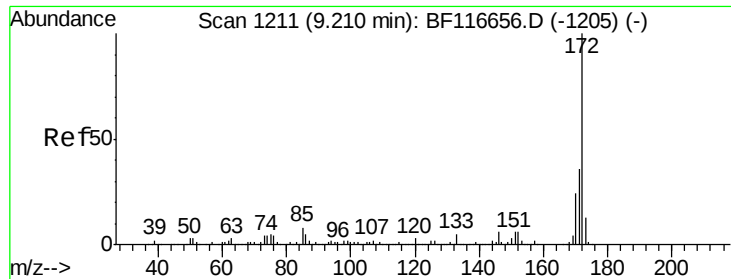
Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	196	Resp:	109424
Ion Ratio	Lower	Upper	
196	100		
198	95.3	78.1	117.1
97	75.4	41.6	62.4
132	33.7	23.5	35.3





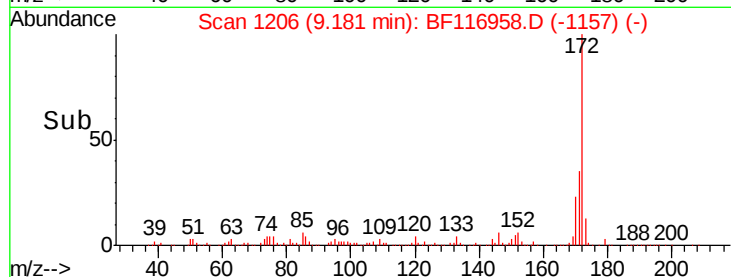
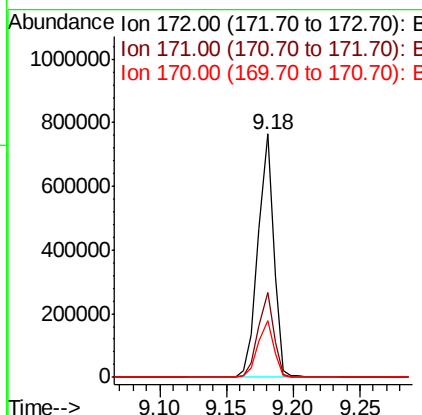
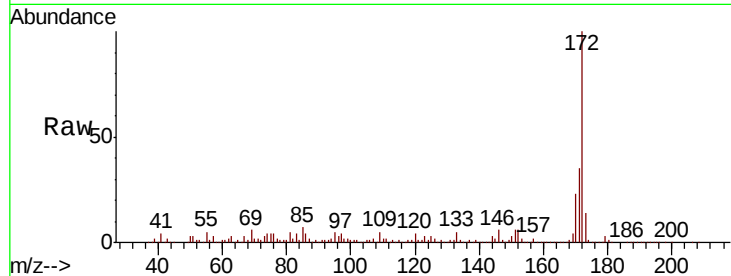
#45
2-Fluorobiphenyl
Concen: 68.306 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion:	172	Resp:	618151
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.8	41.6
170	23.3	18.9	28.3

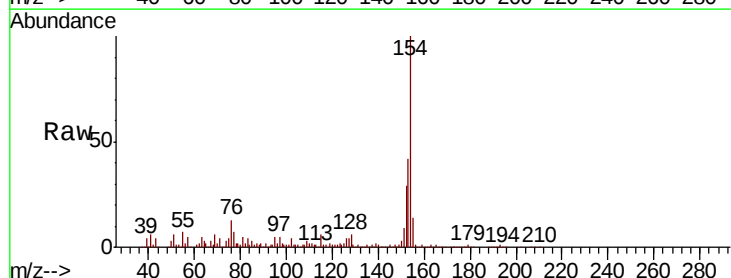
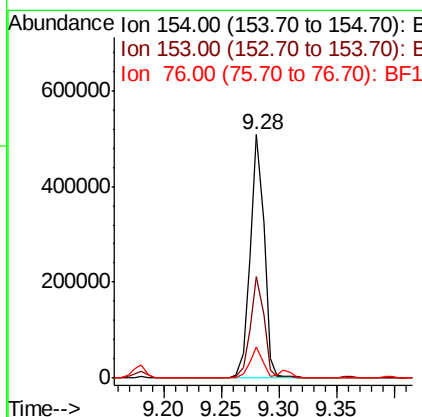
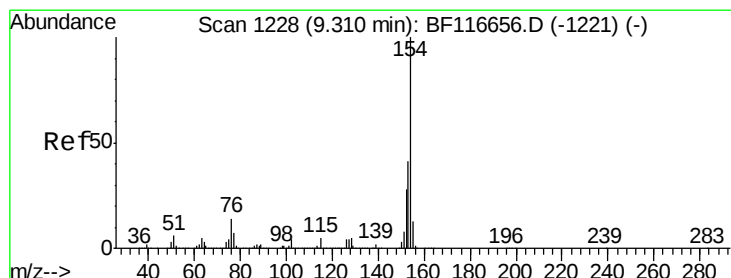
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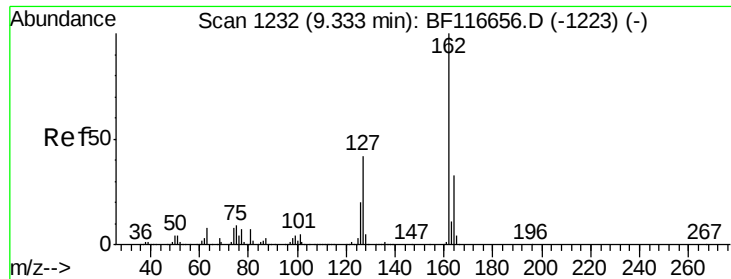
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#46
1,1'-Biphenyl
Concen: 36.707 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion:	154	Resp:	425213
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.2	61.2
76	13.0	0.0	30.9





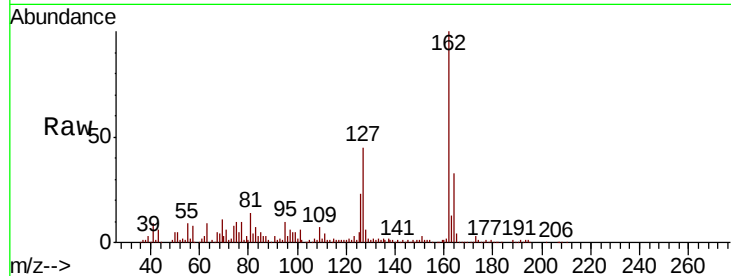
#47
2-Chloronaphthalene
Concen: 36.377 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	333756		
127	45.3	33.4	50.2	
164	32.9	26.6	39.8	

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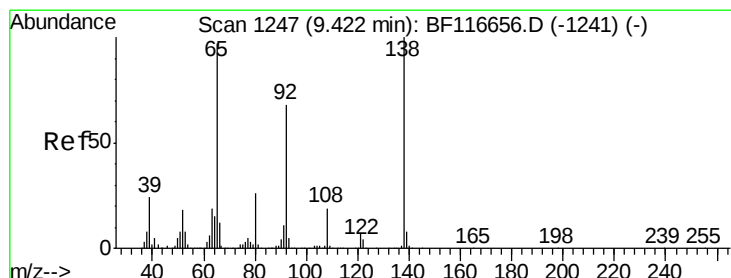
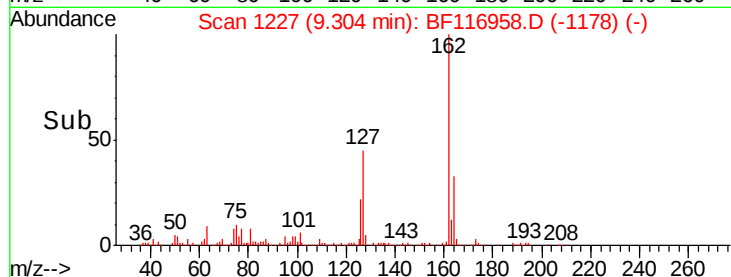
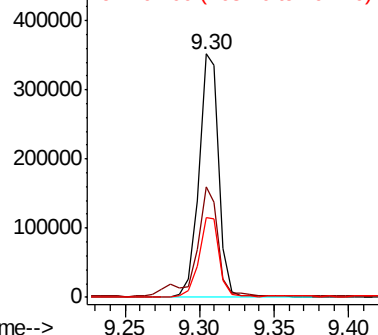


Abundance

Ion 162.00 (161.70 to 162.70): E

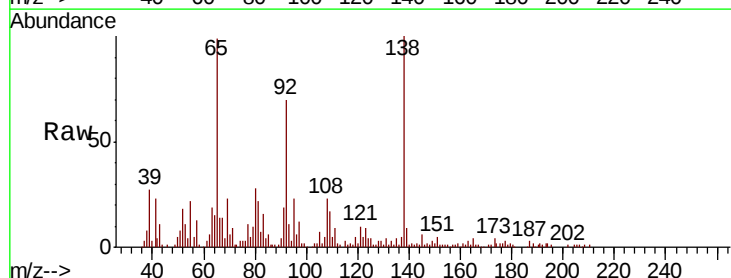
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.191 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	114563		
92	70.8	57.1	85.7	
138	100.8	88.2	132.2	

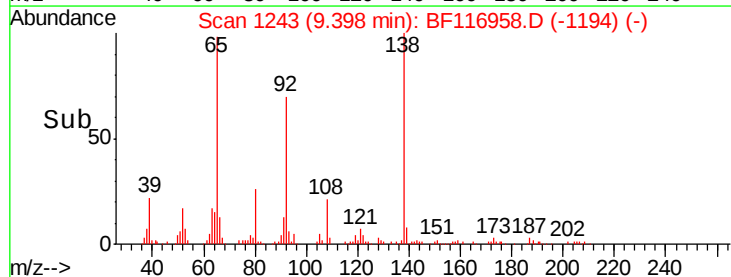
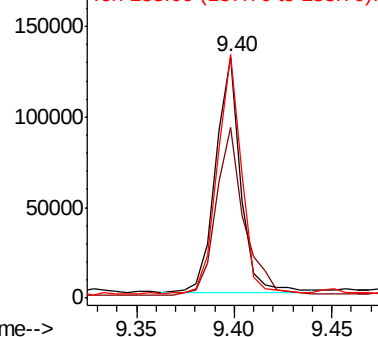


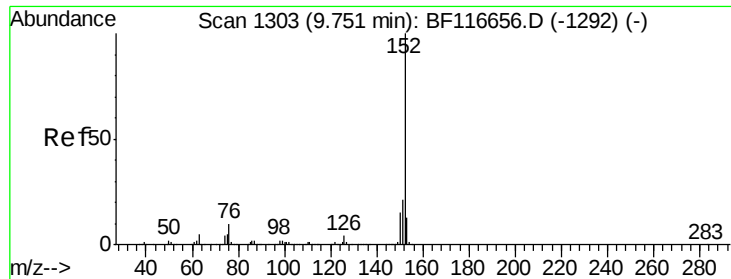
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.850 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

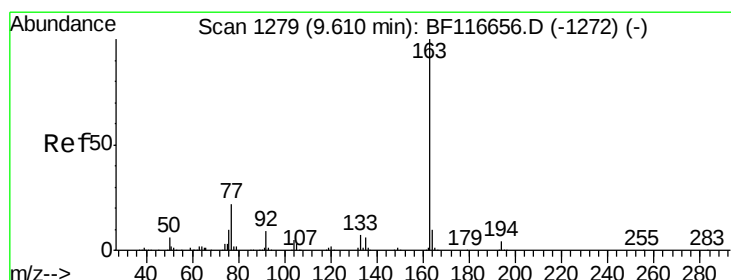
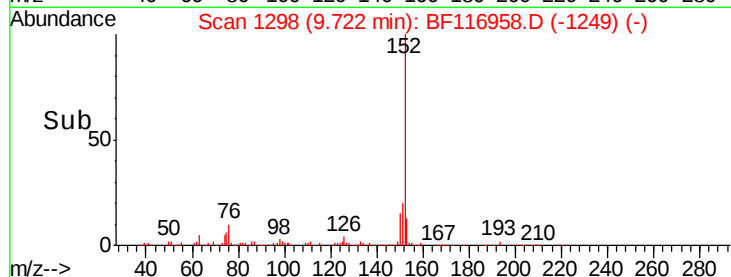
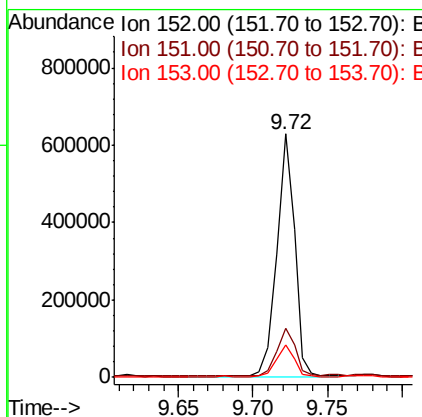
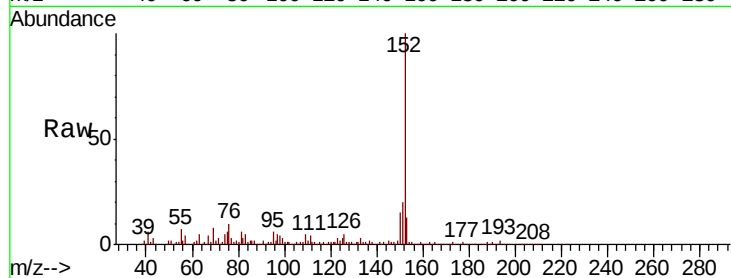
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	152	Resp:	524940
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.9	23.9
153	13.5	10.9	16.3

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#50

Dimethylphthalate

Concen: 46.995 ng

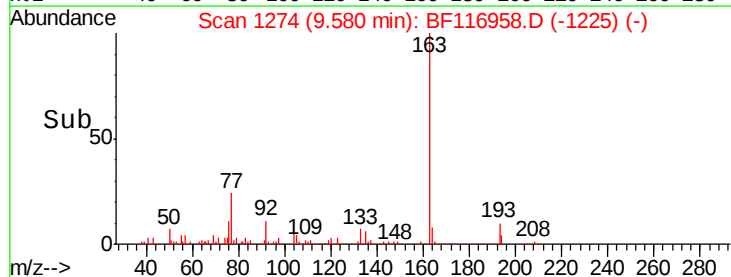
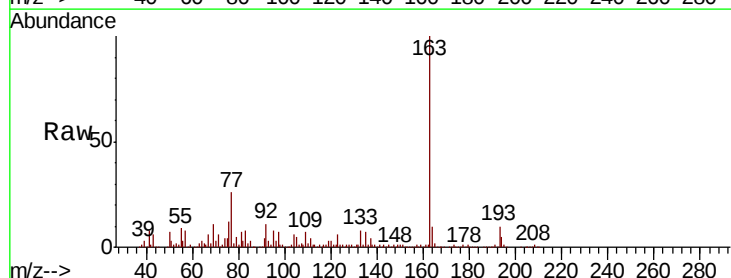
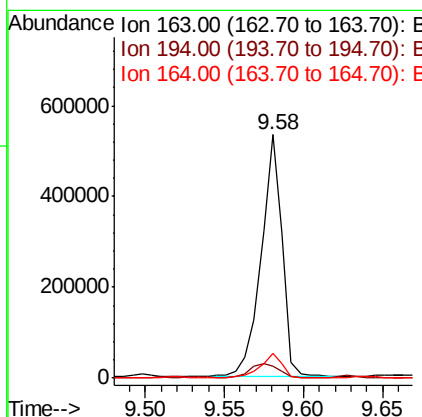
RT: 9.58 min Scan# 1274

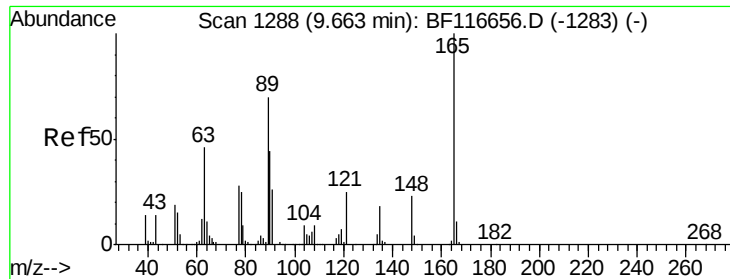
Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	163	Resp:	495300
Ion Ratio	Lower	Upper	
163	100		
194	4.9	2.8	4.2#
164	10.0	8.6	12.8





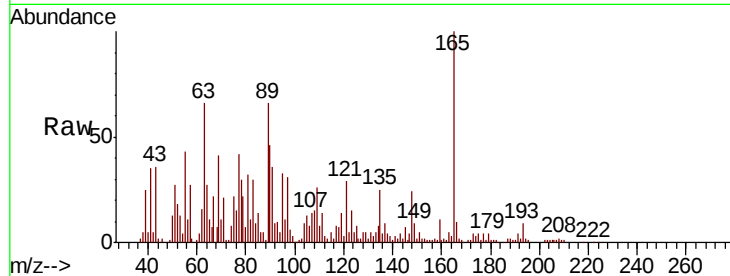
#51
 2,6-Dinitrotoluene
 Concen: 44.139 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)MS

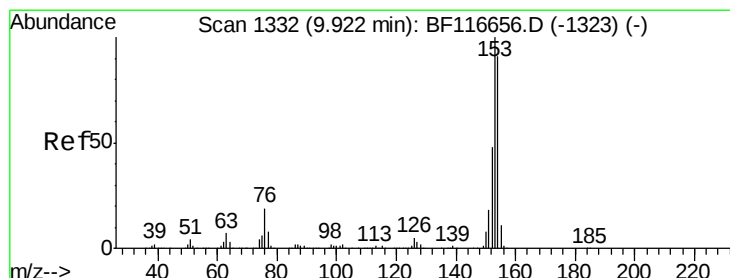
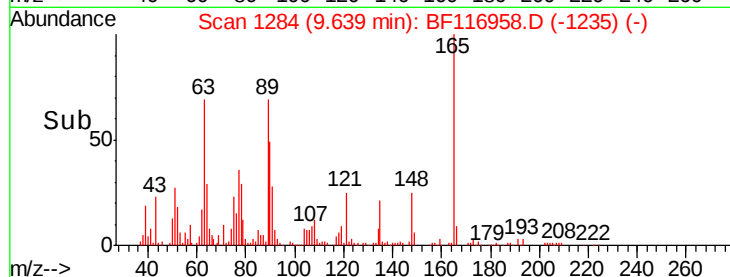
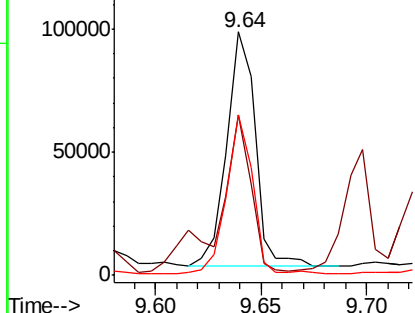
Tot Ion	Ratio	Lower	Upper
165	100		
63	66.0	47.3	70.9
89	66.0	52.5	78.7

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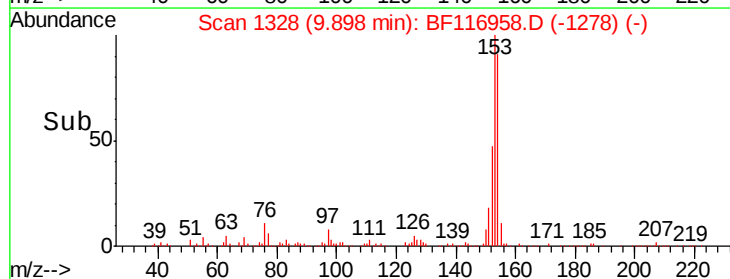
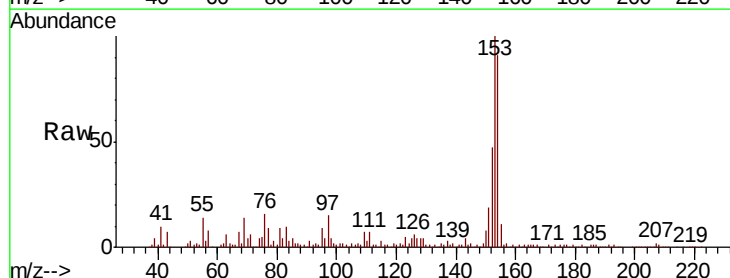
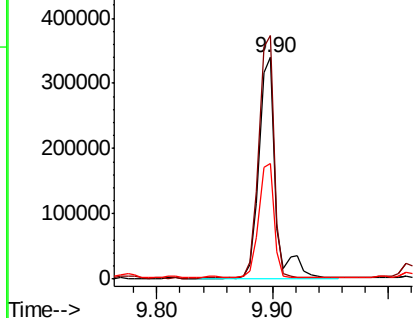
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

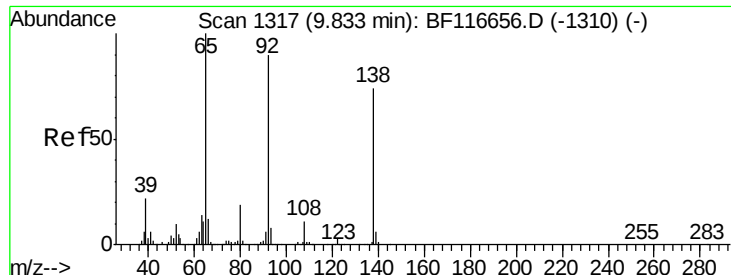


#52
 Acenaphthene
 Concen: 40.819 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.0	89.5	134.3
152	52.0	41.9	62.9

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





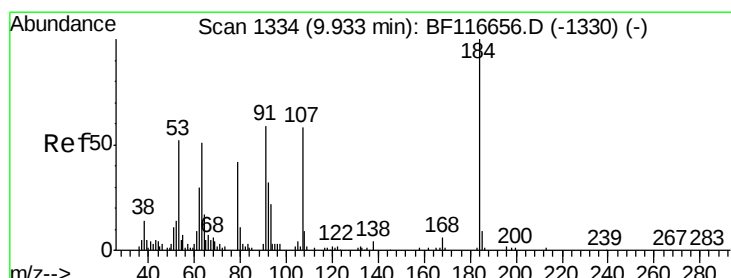
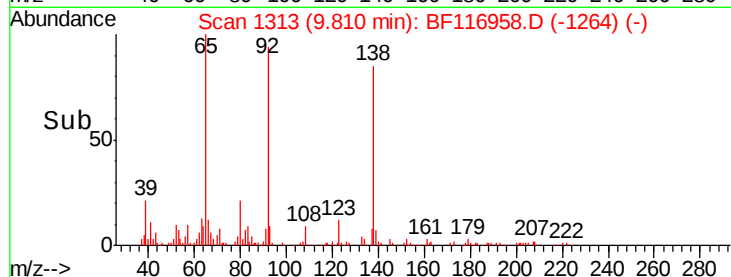
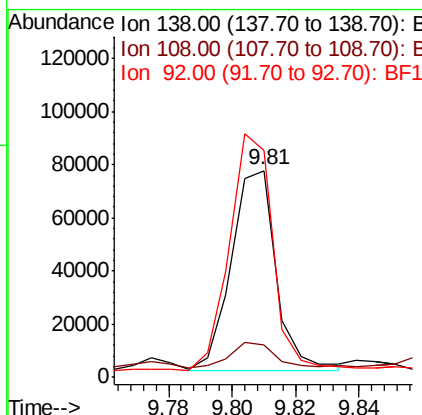
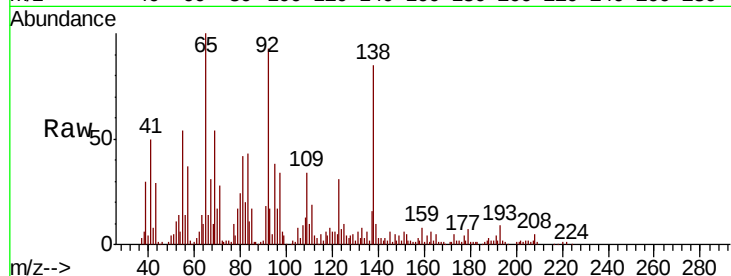
#53
3-Nitroaniline
Concen: 29.405 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.9	8.5	12.7#
92	109.8	87.2	130.8

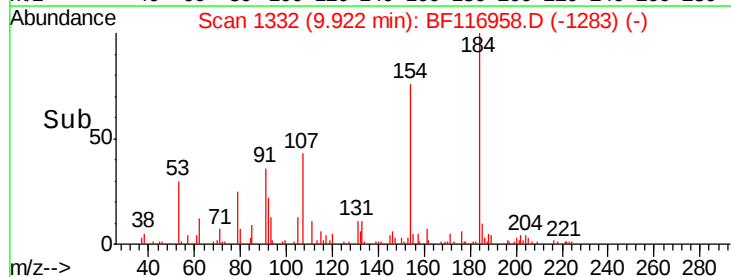
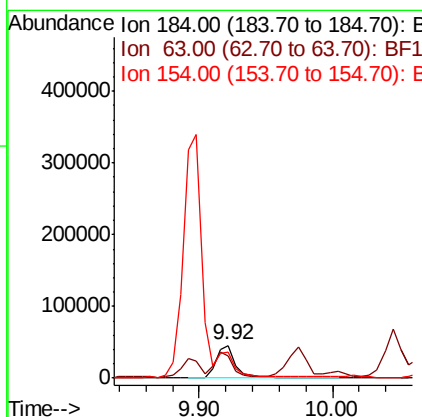
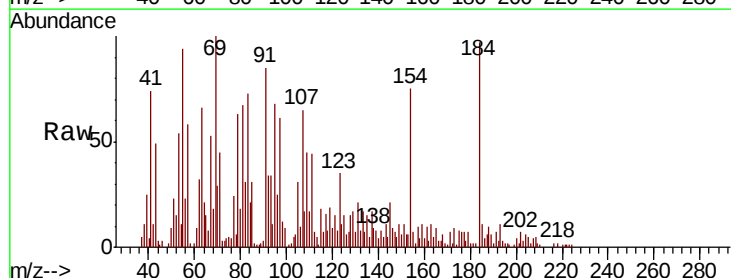
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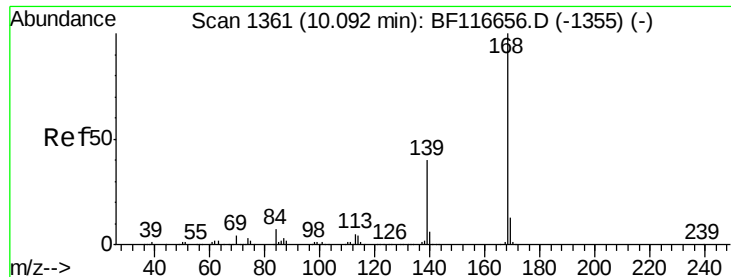
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#54
2,4-Dinitrophenol
Concen: 68.506 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	52.2	78.2
154	77.8	60.8	91.2





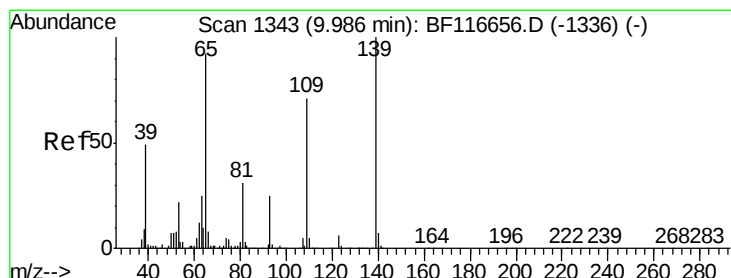
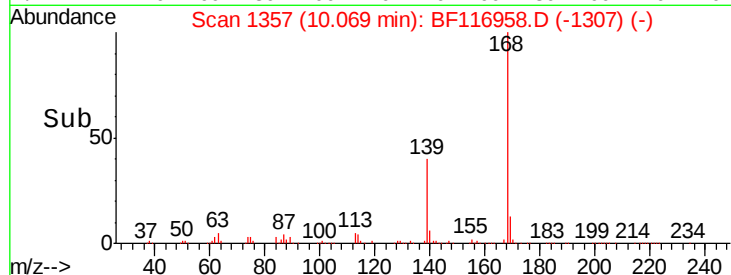
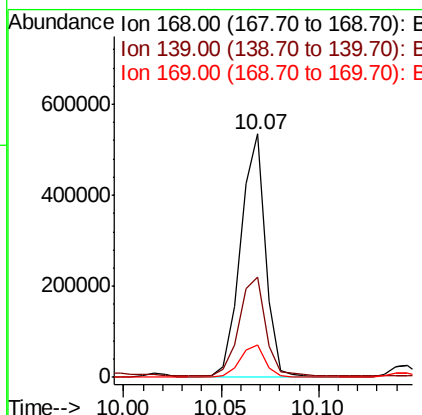
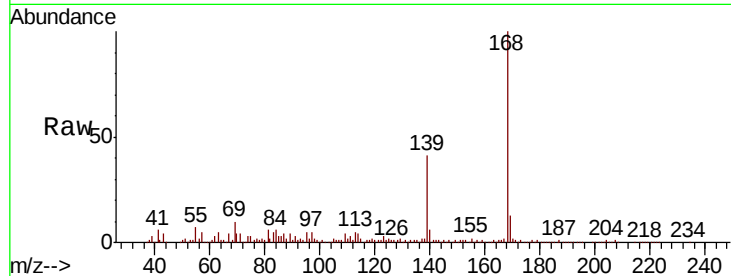
#55
Dibenzofuran
Concen: 38.956 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.5	47.3
169	13.3	10.3	15.5

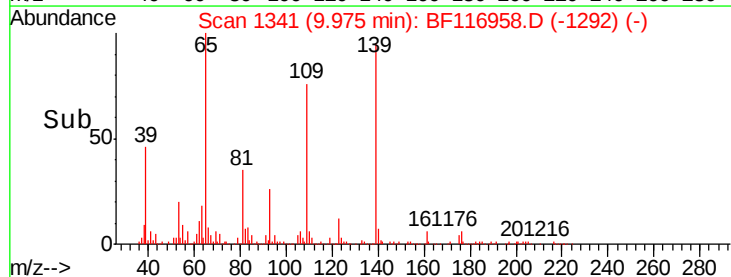
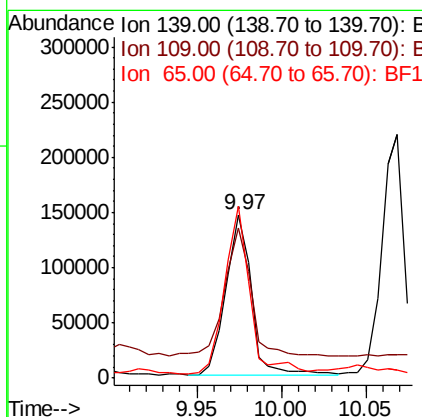
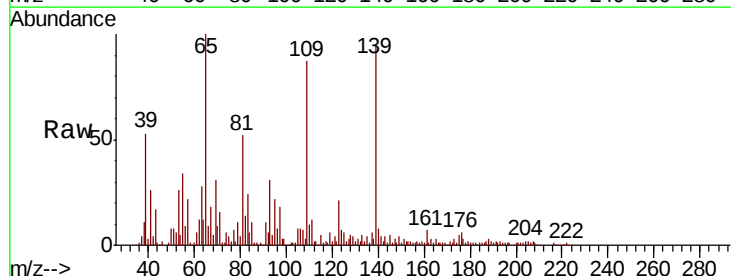
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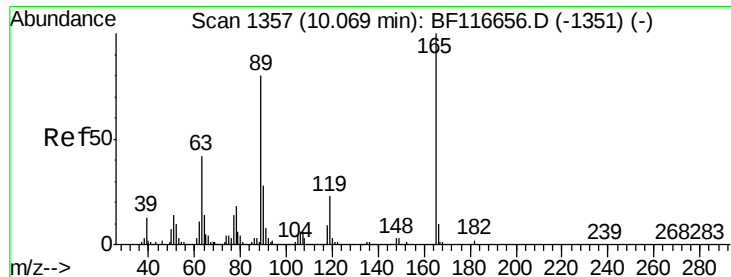
mohammad
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#56
4-Nitrophenol
Concen: 88.256 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.0	61.7	101.7
65	105.5	89.1	129.1





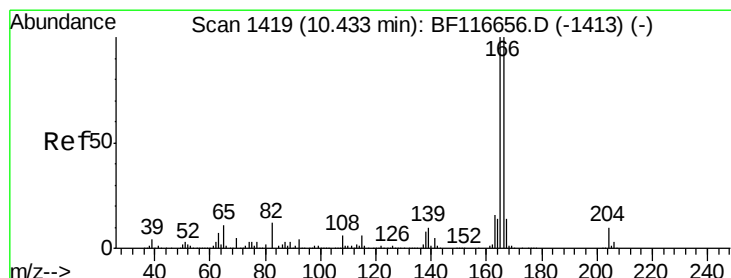
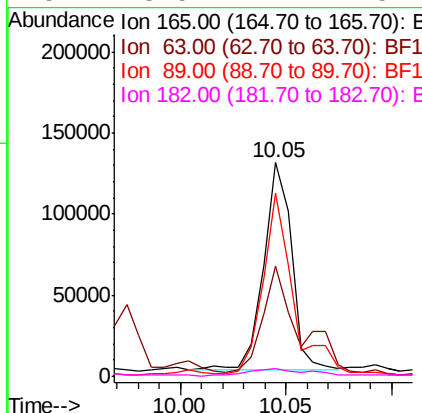
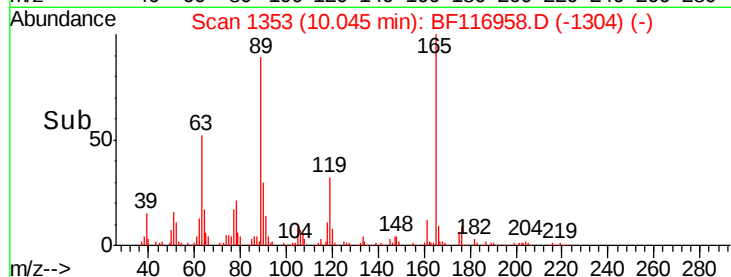
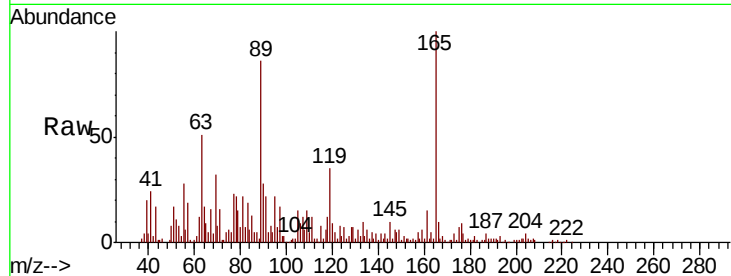
#57
2,4-Dinitrotoluene
Concen: 47.519 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		116839		
63	51.3	36.4	54.6		
89	86.0	62.6	94.0		
182	3.5	2.1	3.1#		

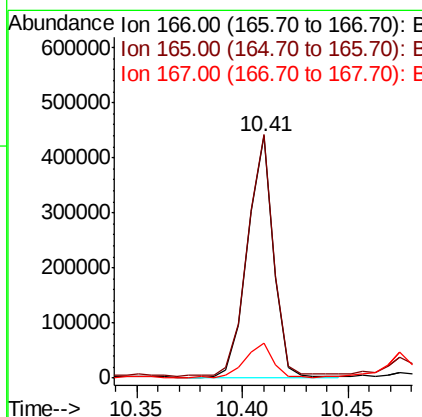
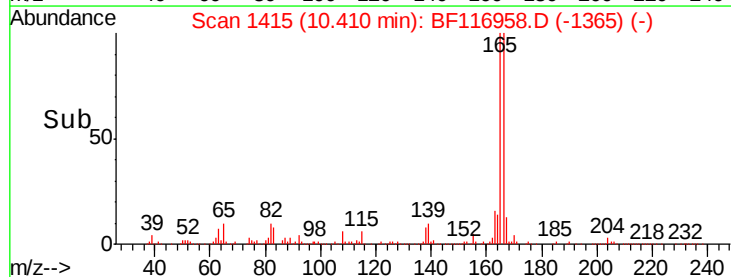
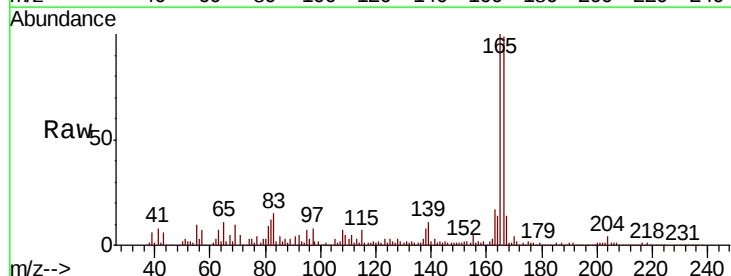
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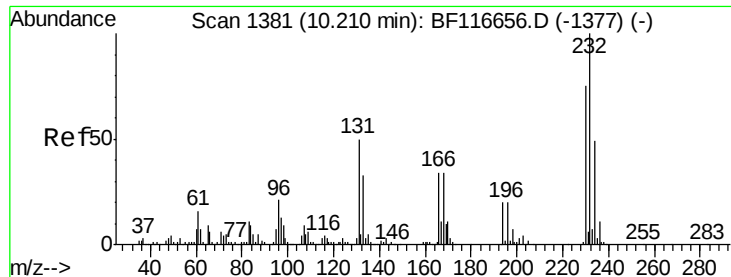
mohammad
9/16/2019 8:57:54 AM



#58
Fluorene
Concen: 40.737 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		372887		
165	100.5	78.8	118.2		
167	14.2	10.0	15.0		





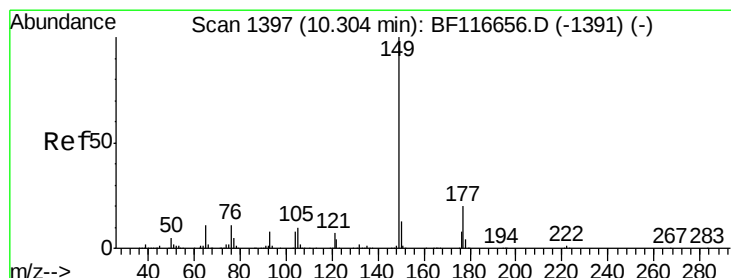
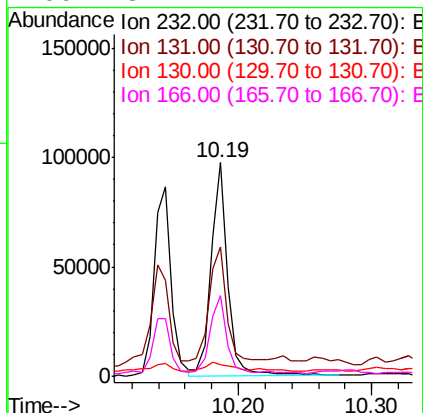
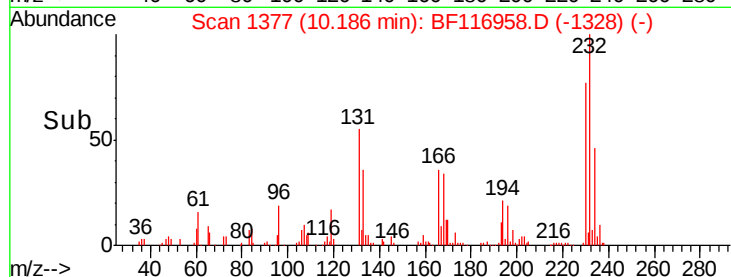
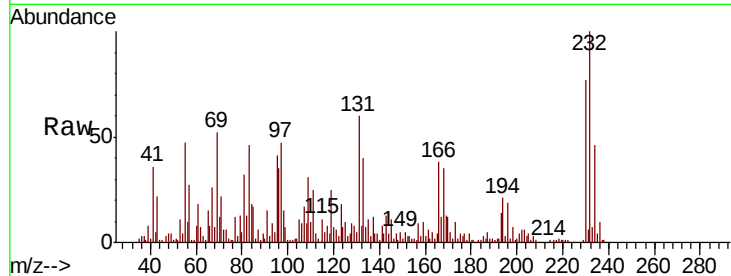
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.966 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	55.0	42.7	64.1		
130	7.0	1.9	2.9		
166	34.4	27.4	41.2		

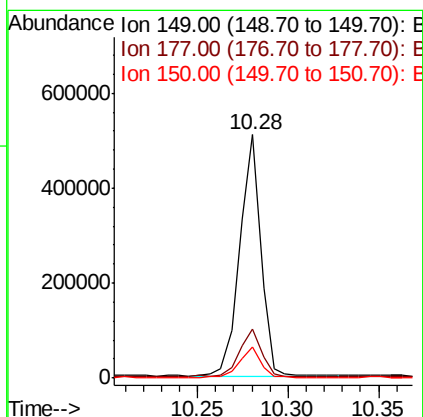
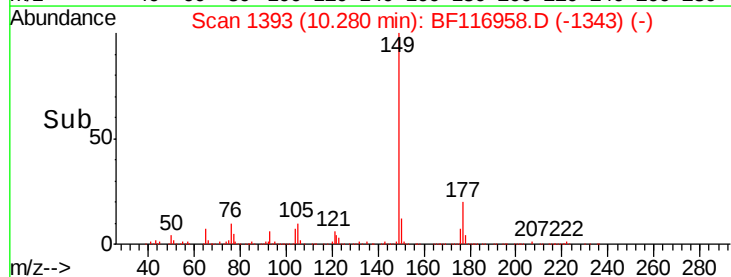
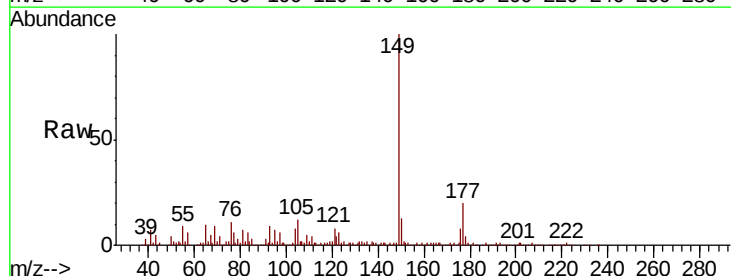
Manual Integrations
APPROVED

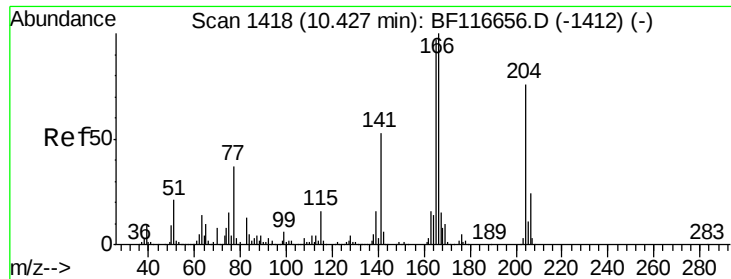
mohammad
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#60
Diethylphthalate
Concen: 39.000 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	20.3	17.2	25.8		
150	12.6	9.7	14.5		





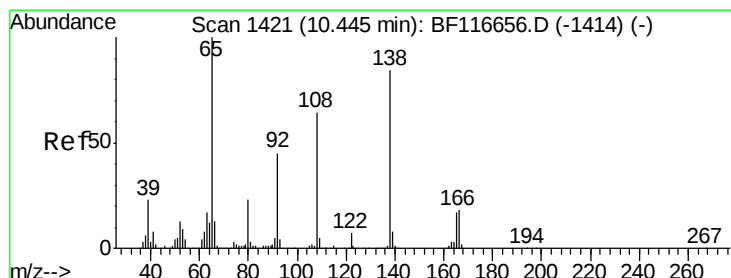
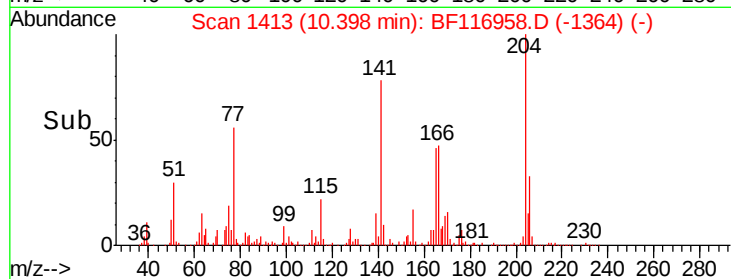
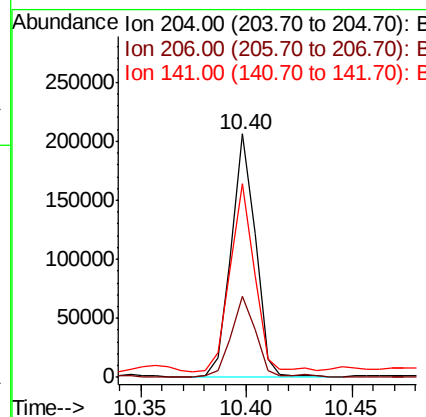
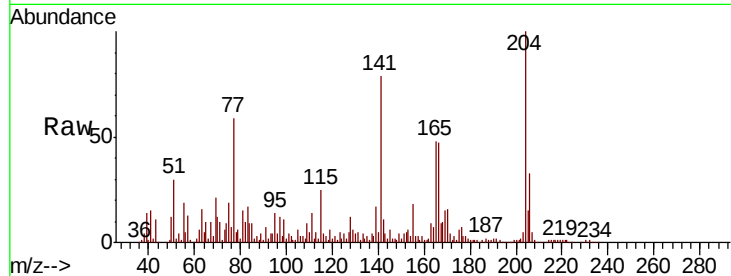
#61
4-Chlorophenyl-phenylether
Concen: 40.361 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.4	38.2
141	79.5	53.8	80.8

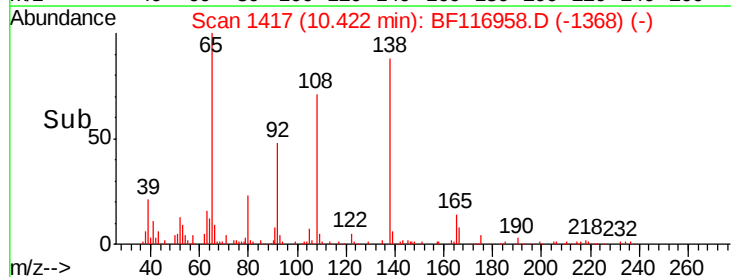
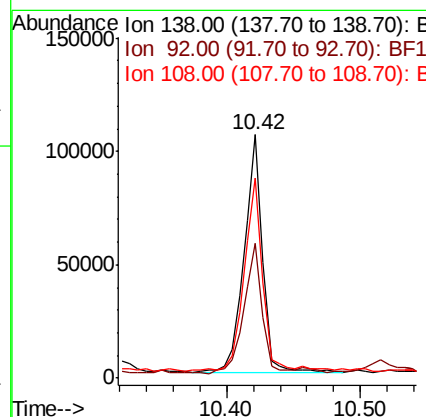
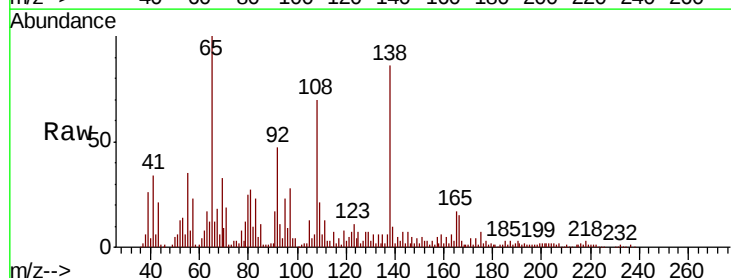
Manual Integrations
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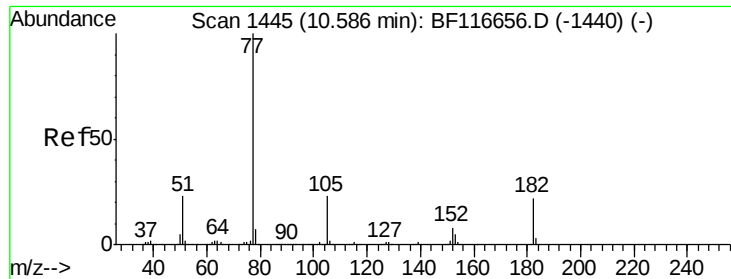
mohammad
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#62
4-Nitroaniline
Concen: 41.431 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.3	28.7	68.7
108	82.3	60.4	100.4





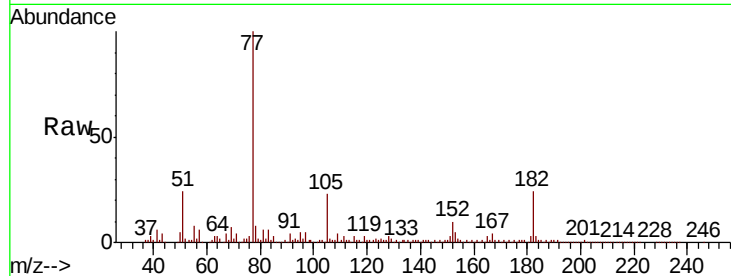
#63
Azobenzene
Concen: 39.363 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

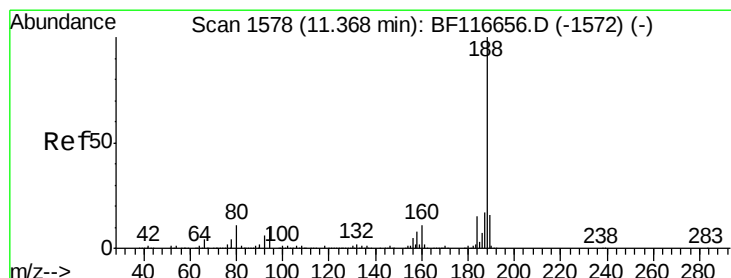
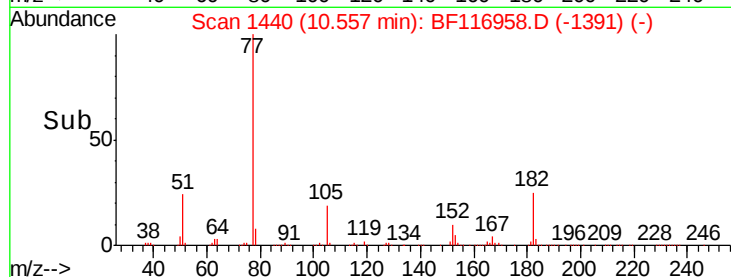
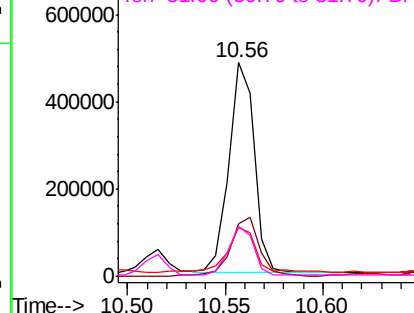
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.5	1.2	41.2	
105	22.7	0.6	40.6	
51	23.7	8.2	48.2	

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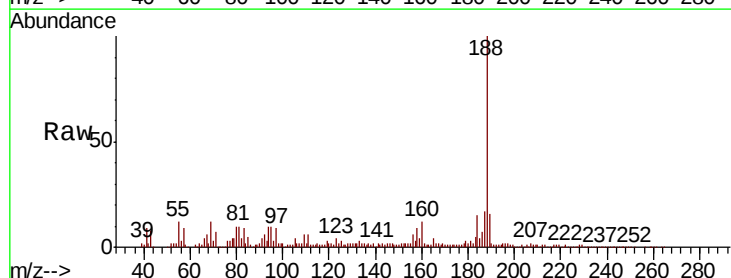


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

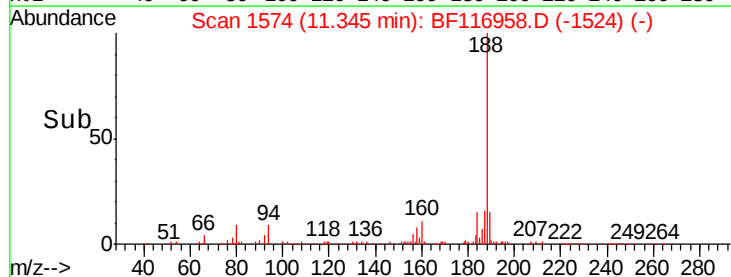
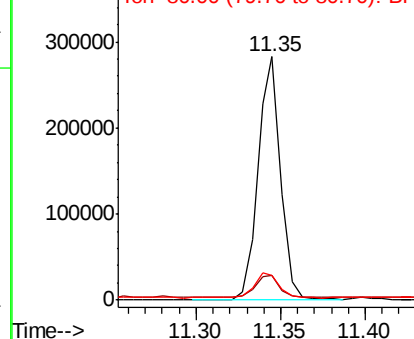


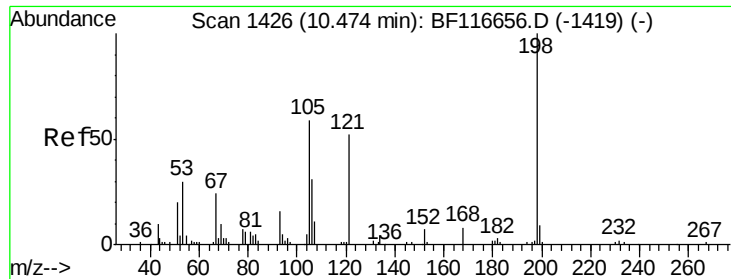
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	7.3	10.9	
80	10.1	8.4	12.6	



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





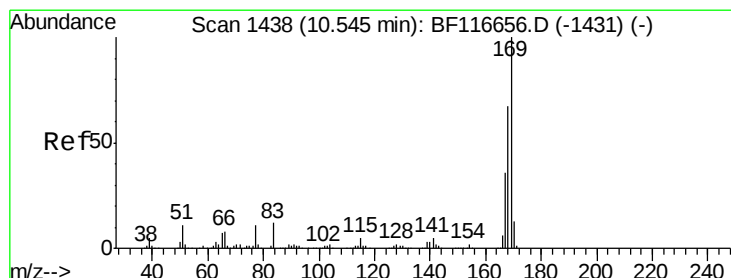
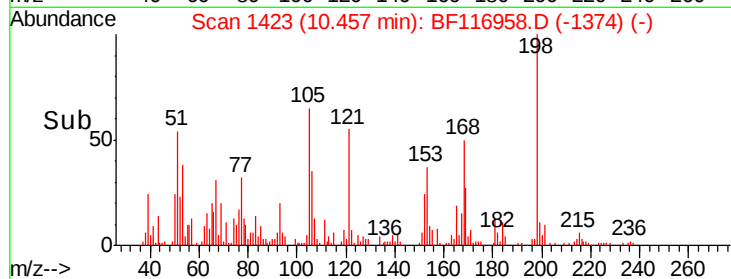
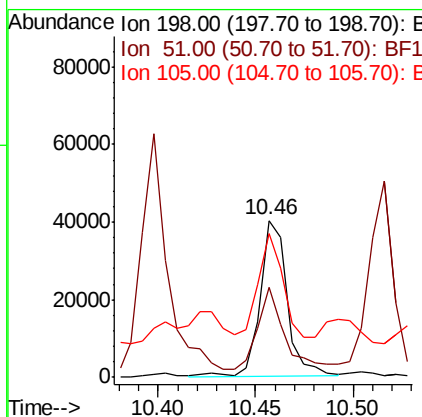
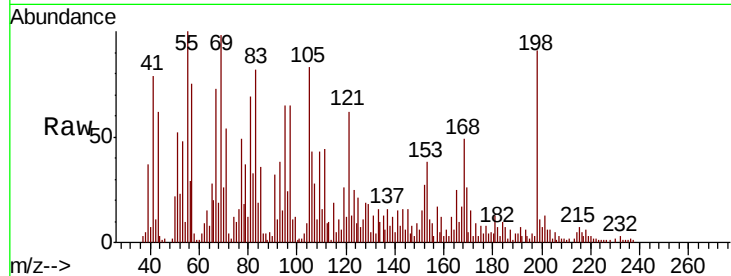
#65
4,6-Dinitro-2-methylphenol
Concen: 41.413 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	38526		
51	57.2	18.4	58.4	
105	92.0	22.9	62.9	

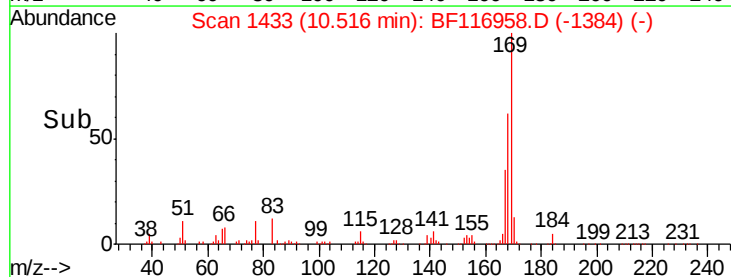
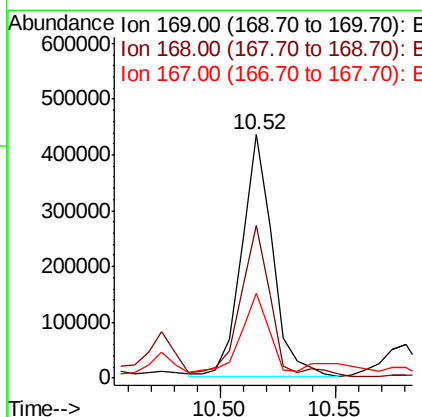
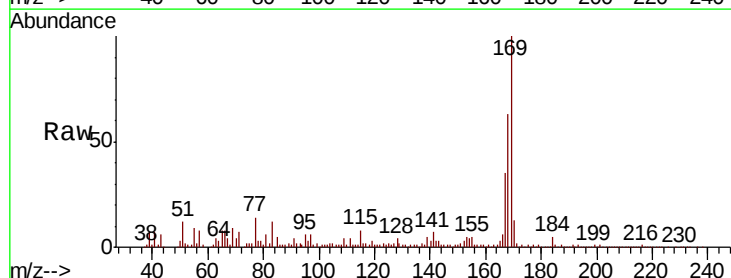
Manual Integrations
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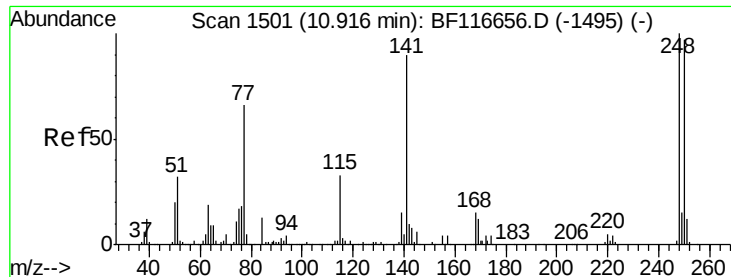
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 45.213 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	406962		
168	62.6	55.8	83.6	
167	34.9	29.4	44.2	





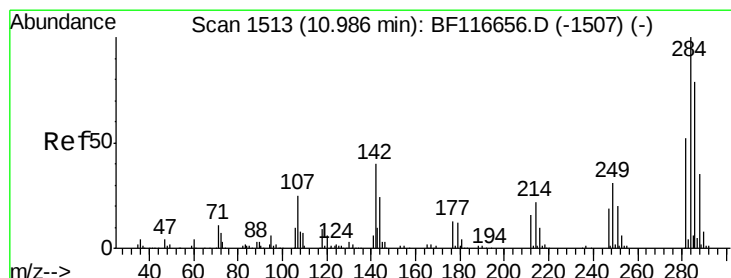
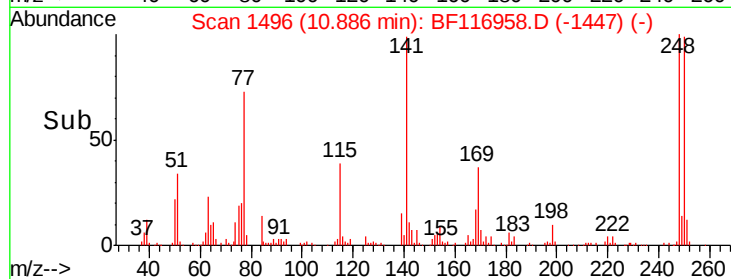
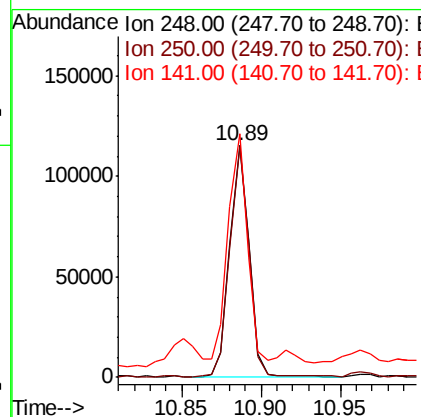
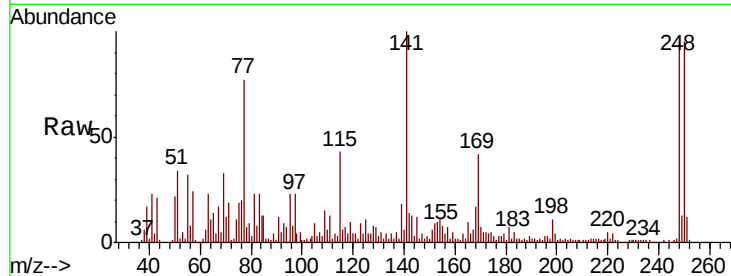
#67
 4-Bromophenyl-phenylether
 Concen: 37.587 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)MS

Tot Ion:	248	Resp:	99352
Ion Ratio	Lower	Upper	
248	100		
250	99.3	77.8	116.8
141	105.0	75.9	113.9

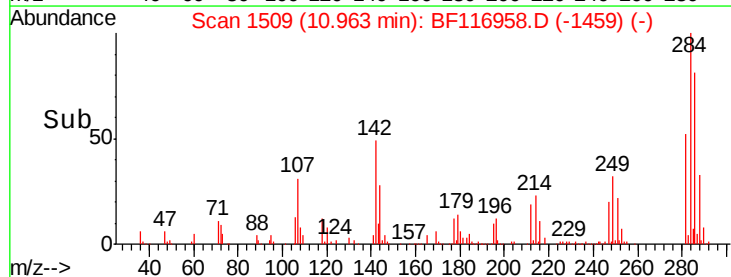
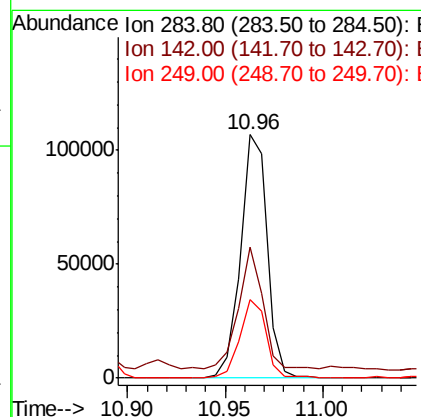
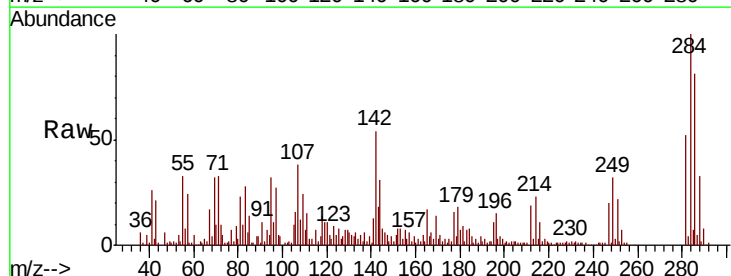
Manual Integrations
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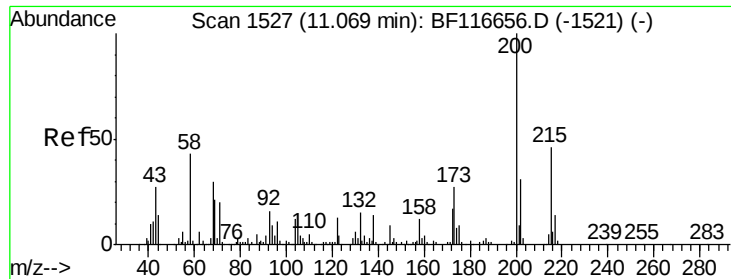
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#68
 Hexachlorobenzene
 Concen: 36.502 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Tgt Ion:	284	Resp:	100946
Ion Ratio	Lower	Upper	
284	100		
142	53.6	34.0	51.0#
249	32.3	26.4	39.6





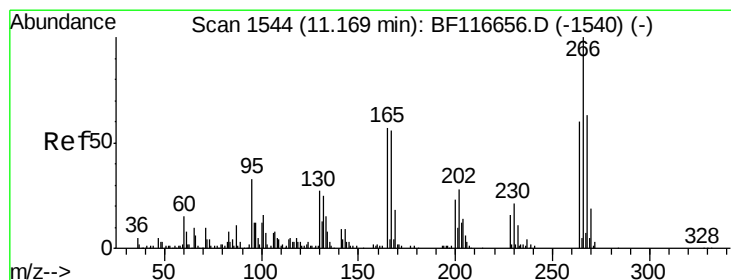
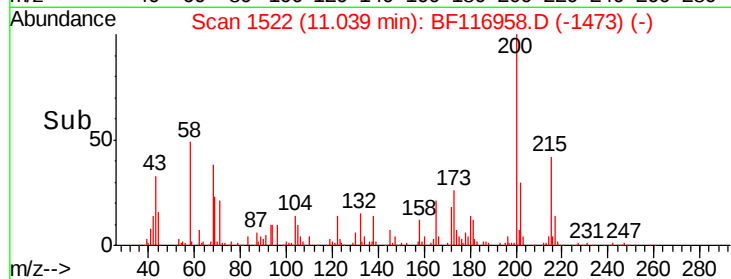
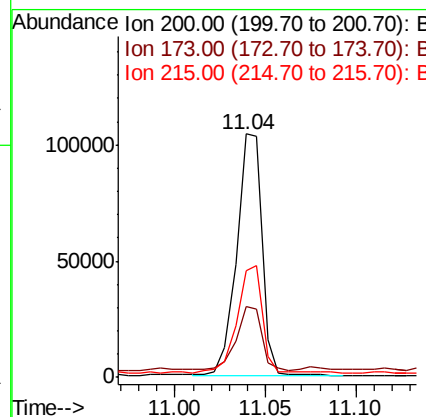
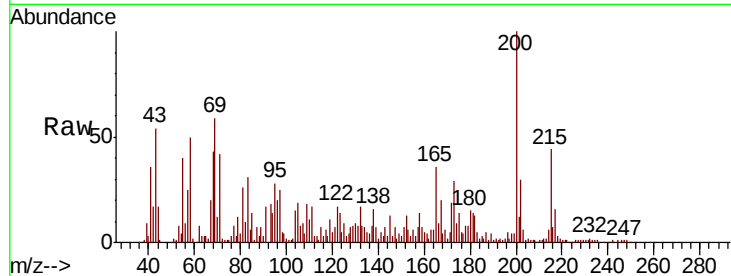
#69
Atrazine
Concen: 40.098 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	101084		
173	29.0	6.2	46.2	
215	43.9	24.3	64.3	

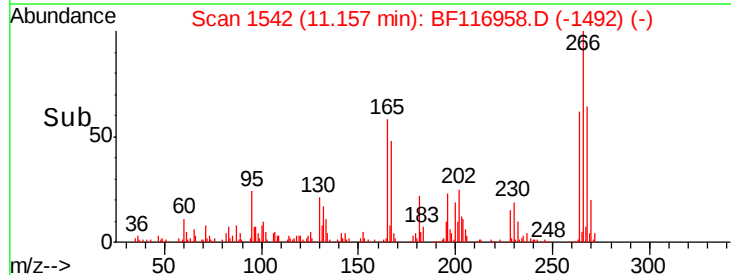
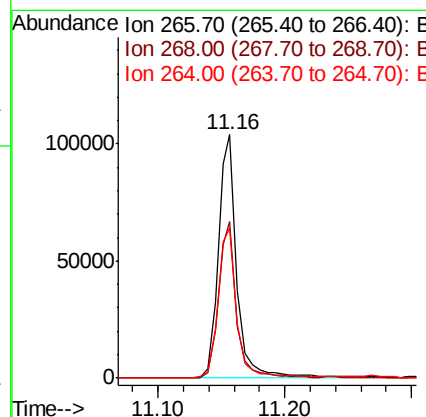
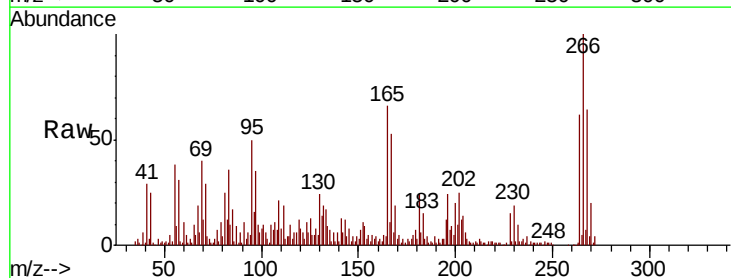
Manual Integrations
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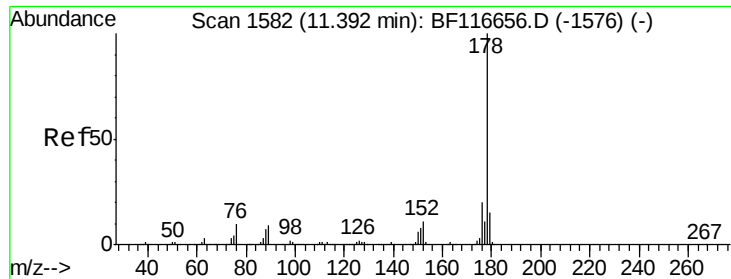
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#70
Pentachlorophenol
Concen: 80.276 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	107394		
268	64.3	51.2	76.8	
264	61.7	51.9	77.9	





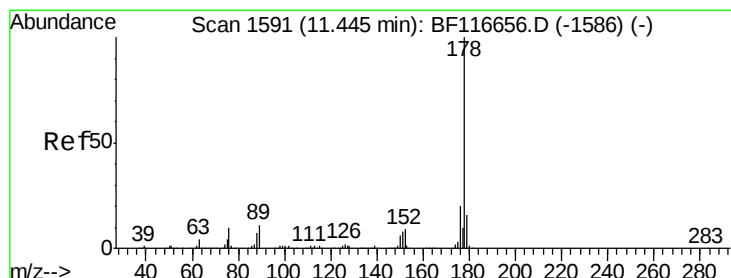
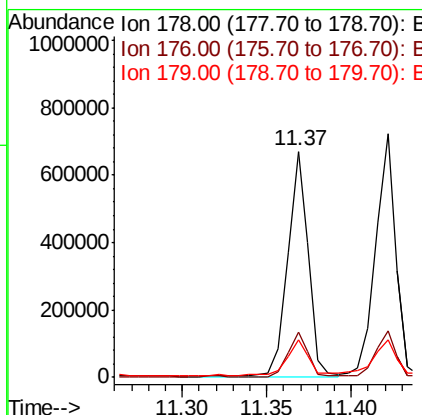
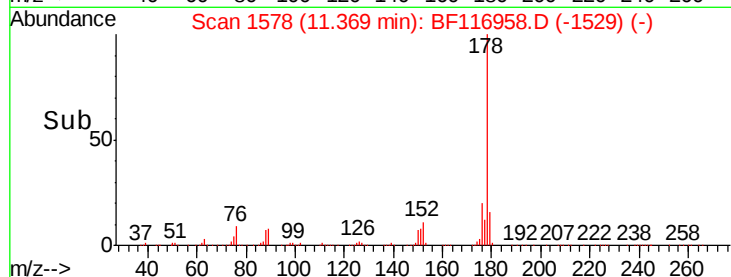
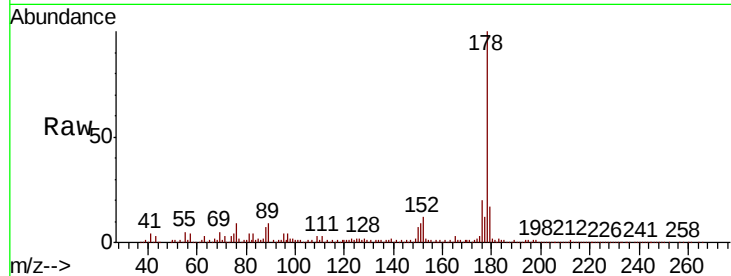
#71
Phenanthrene
Concen: 39.187 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.8	12.2	18.2

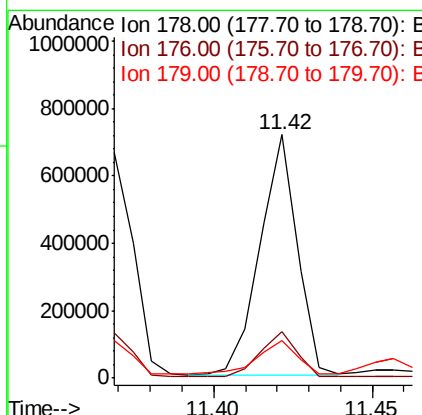
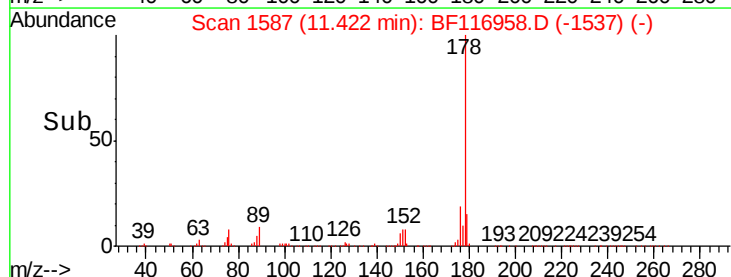
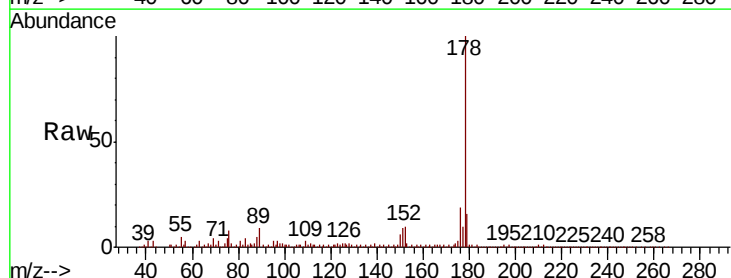
Manual Integrations
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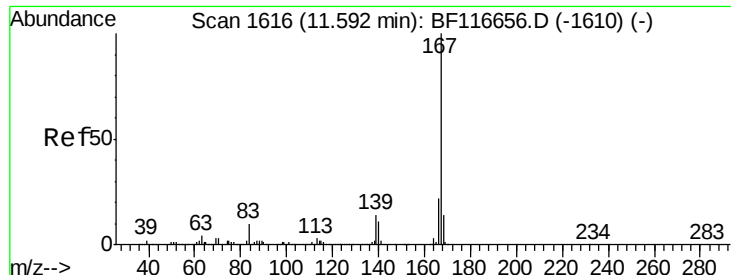
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#72
Anthracene
Concen: 40.060 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.6	12.5	18.7





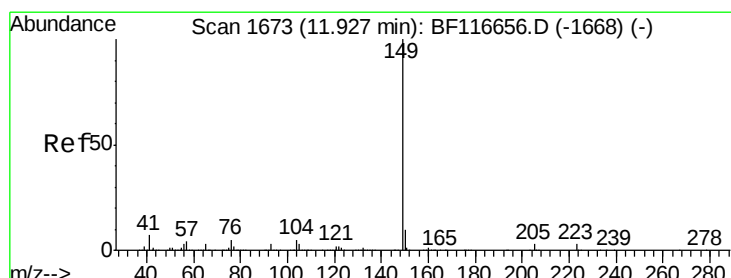
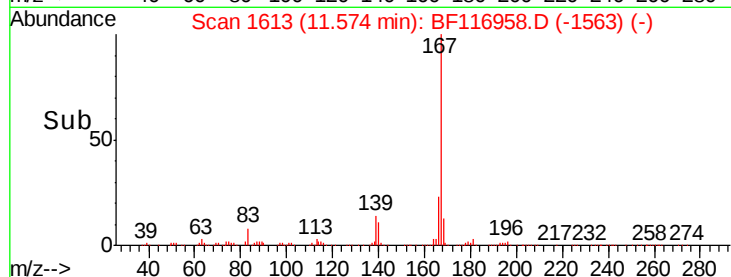
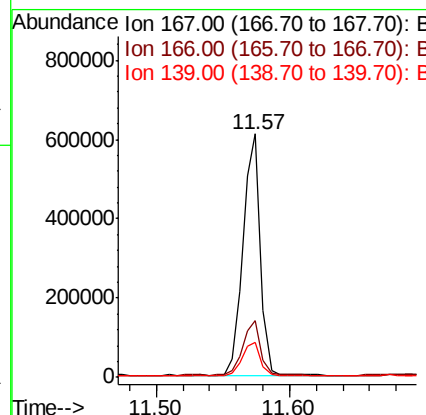
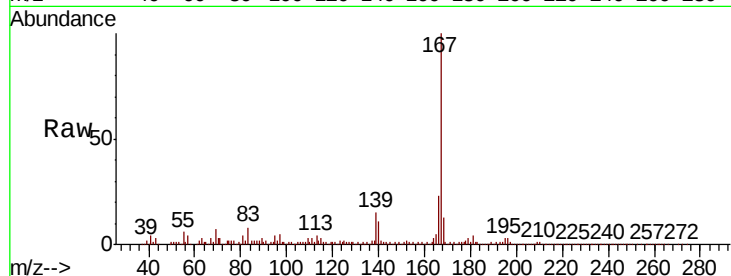
#73
 Carbazole
 Concen: 39.932 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	23.2		17.8	26.6	
139	14.6		11.1	16.7	

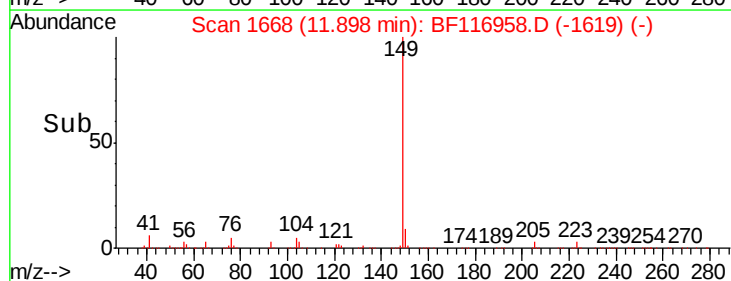
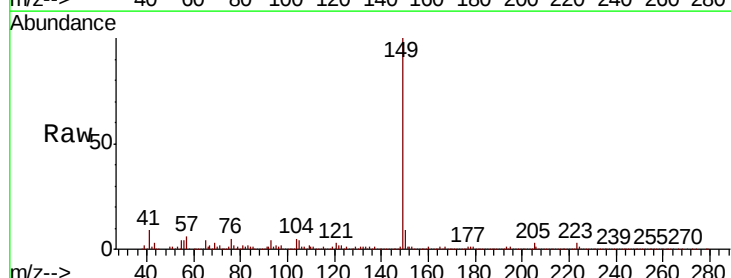
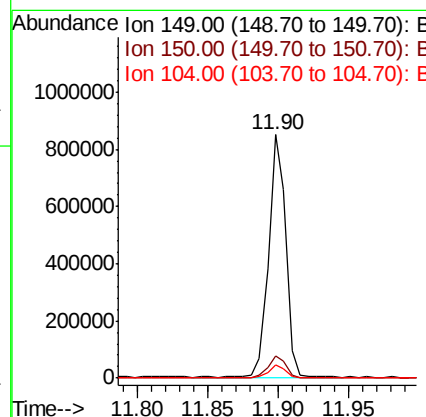
Manual Integrations
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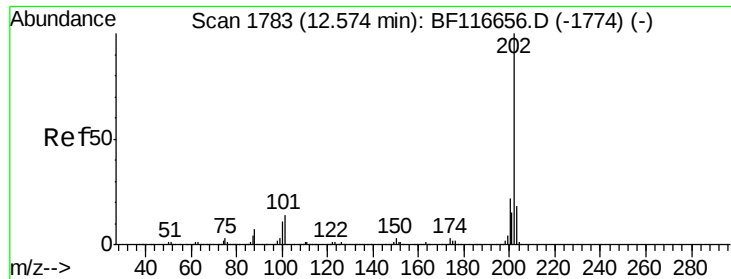
mohammad
 9/16/2019 8:57:54 AM



#74
 Di-n-butylphthalate
 Concen: 40.847 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.2		7.2	10.8	
104	5.5		4.2	6.2	





#75

Fluoranthene

Concen: 43.649 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

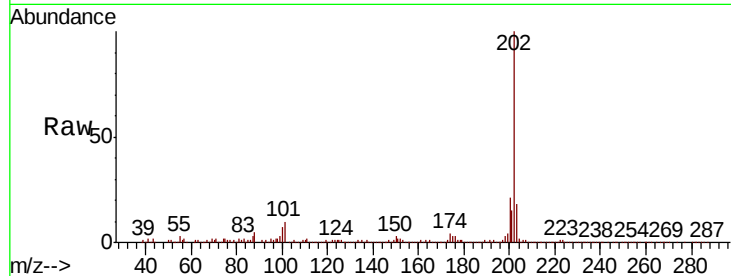
ClientSampleId :

TP-7-D(4-10)MS

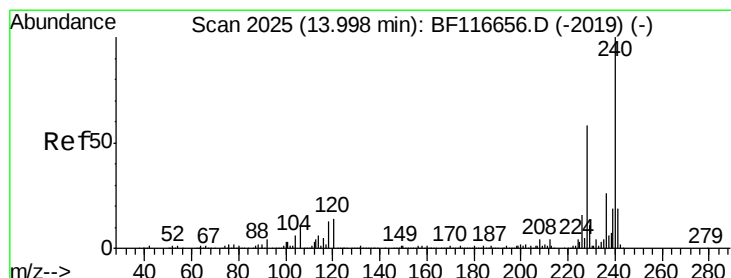
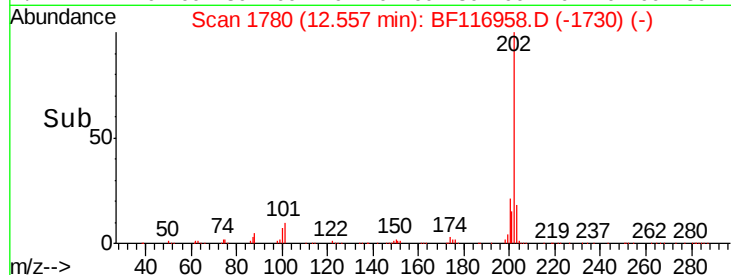
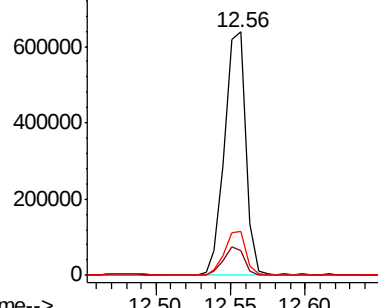
Tot Ion:	202	Resp:	621317
Ion Ratio		Lower	Upper
202	100		
101	10.3	0.0	31.3
203	17.9	0.0	37.6

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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

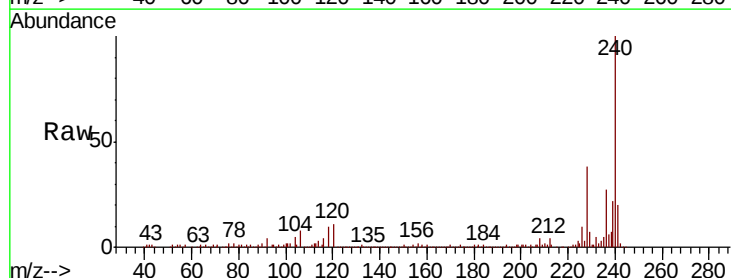
RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

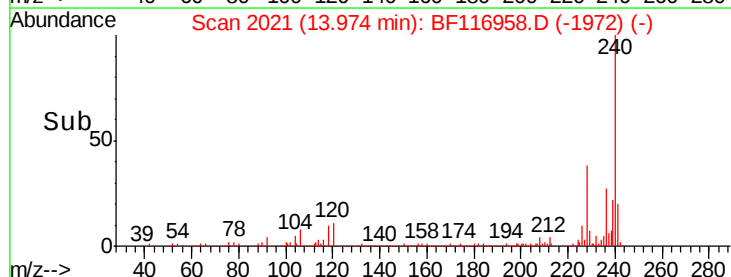
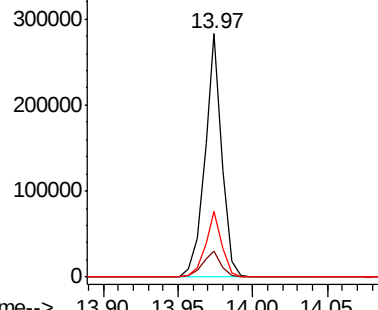
Lab File: BF116958.D

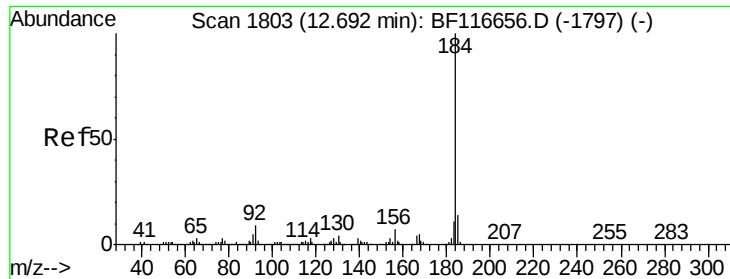
Acq: 11 Sep 2019 20:41

Tgt Ion:	240	Resp:	225789
Ion Ratio		Lower	Upper
240	100		
120	10.8	9.1	13.7
236	27.1	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: 31.899 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

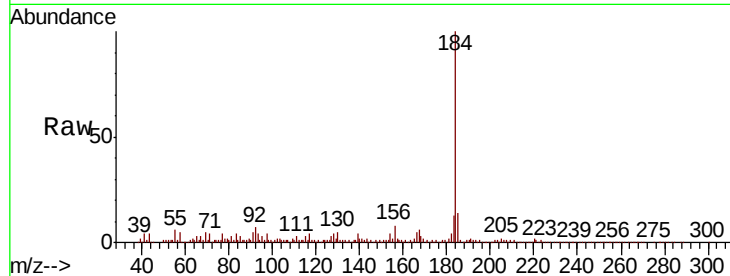
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	184	Resp:	282498
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.3	16.9
183	12.6	9.2	13.8

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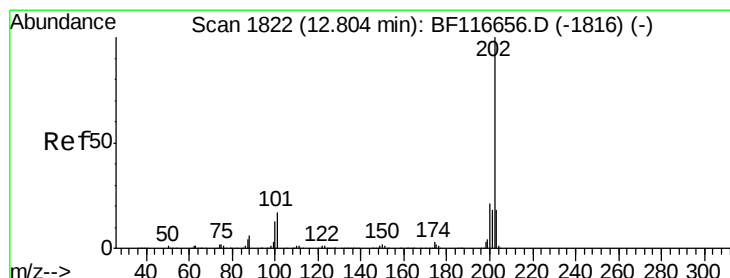
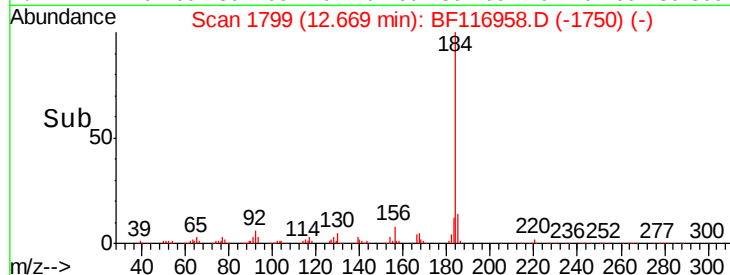
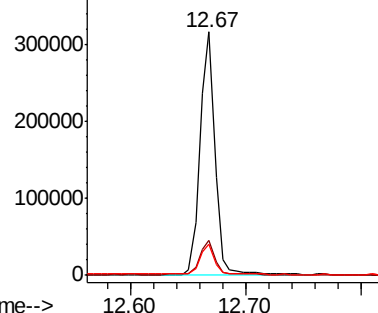


Abundance

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: 32.261 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

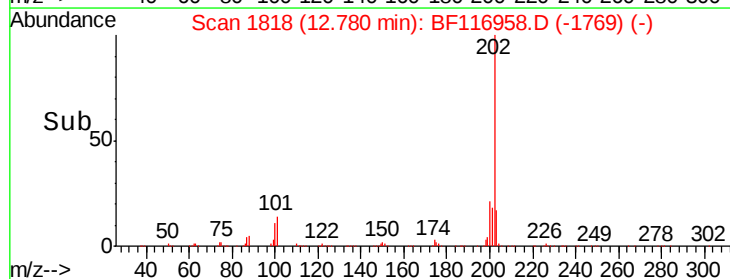
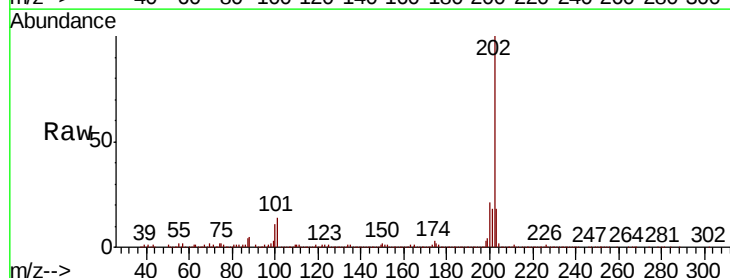
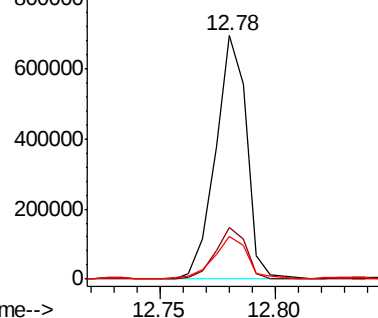
Tgt Ion:	202	Resp:	647518
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.5	24.7
203	17.5	13.7	20.5

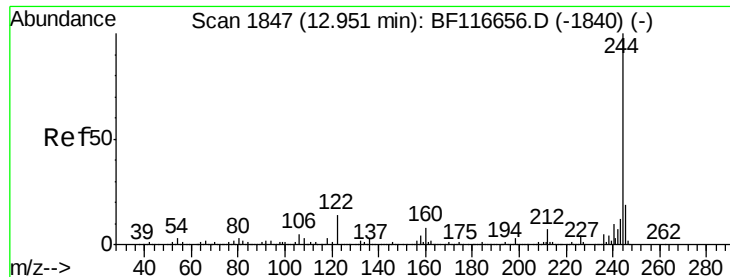
Abundance

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: 55.997 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

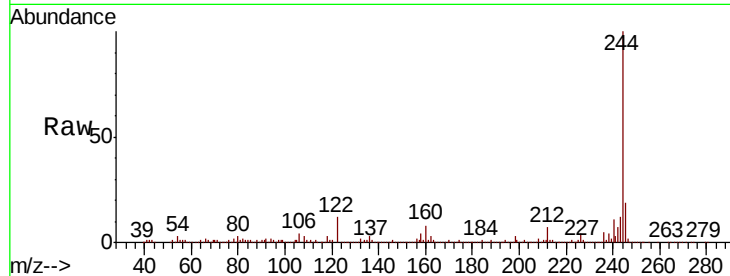
ClientSampleId :

TP-7-D(4-10)MS

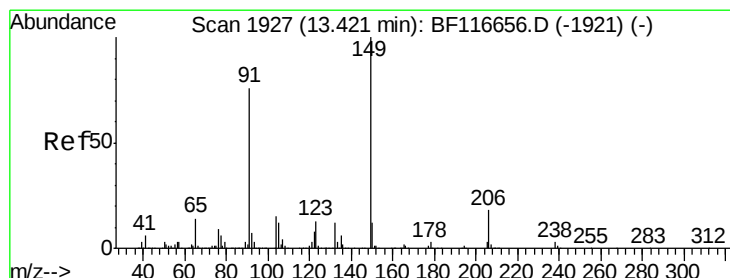
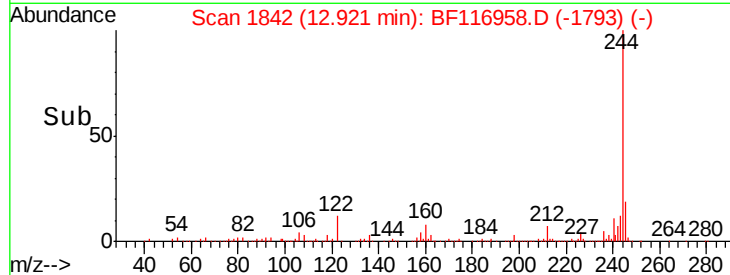
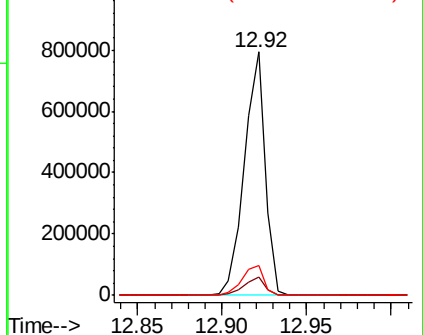
Tot Ion:	244	Resp:	683460
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.1	9.1
122	12.0	10.2	15.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.934 ng

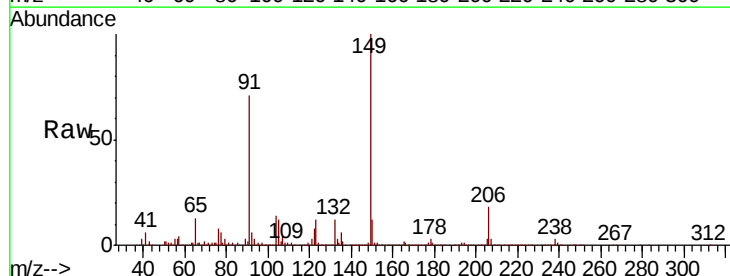
RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

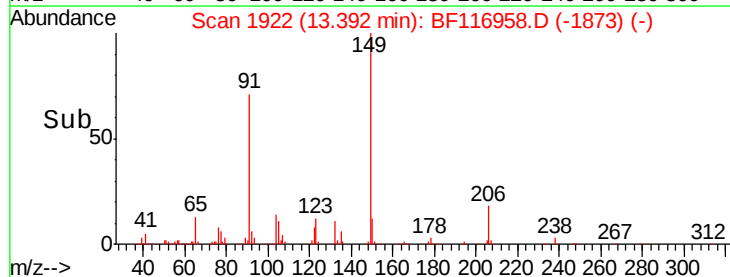
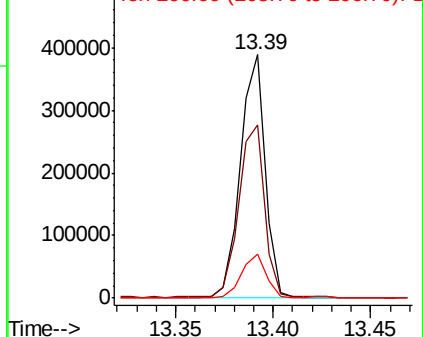
Lab File: BF116958.D

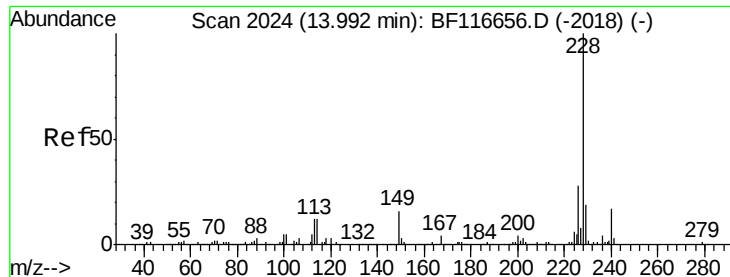
Acq: 11 Sep 2019 20:41

Tgt Ion:	149	Resp:	340977
Ion Ratio	Lower	Upper	
149	100		
91	71.3	61.0	91.4
206	18.0	14.8	22.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.490 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Instrument :

BNA_F

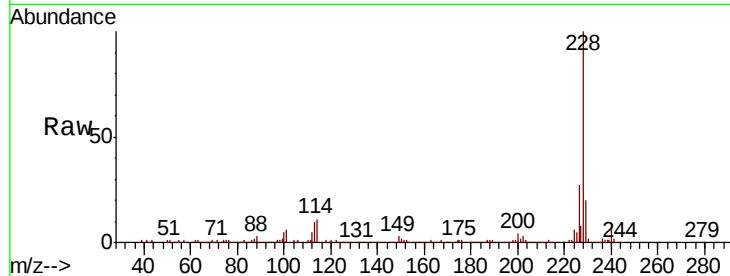
ClientSampleId :

TP-7-D(4-10)MS

Tot Ion:	228	Resp:	550023
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.0	33.0
229	19.7	16.4	24.6

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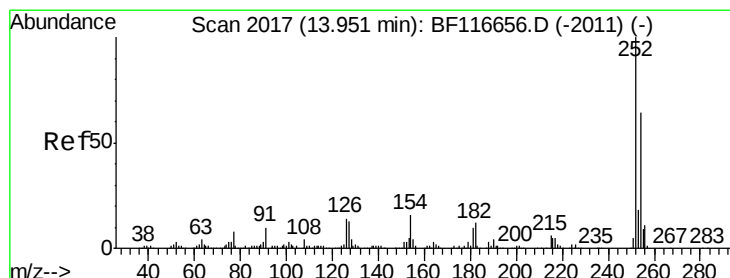
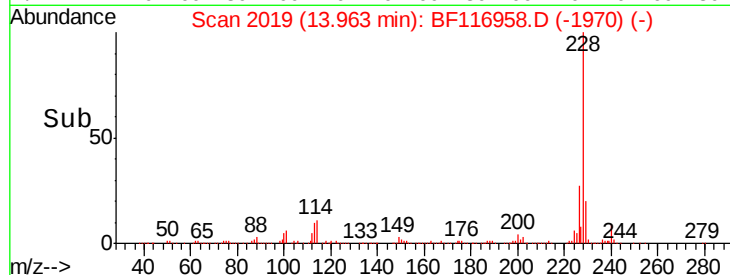
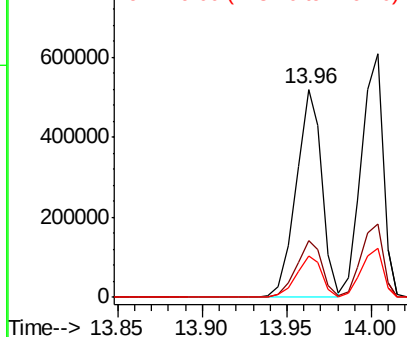


Abundance

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: 11.408 ng

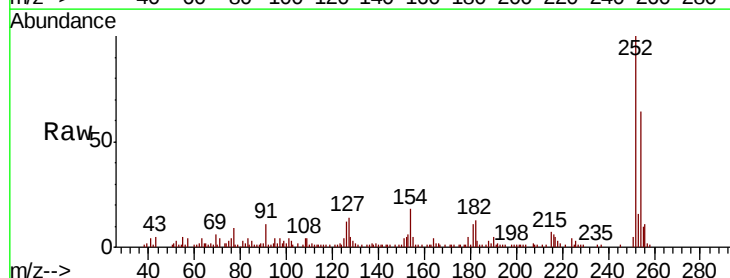
RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF116958.D

Acq: 11 Sep 2019 20:41

Tgt Ion:	252	Resp:	55091
Ion Ratio	Lower	Upper	
252	100		
254	63.6	50.1	75.1
126	12.3	10.6	16.0

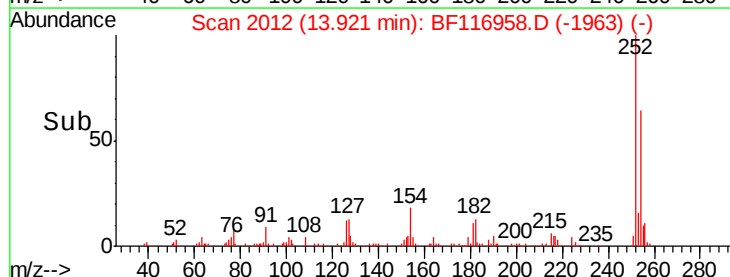
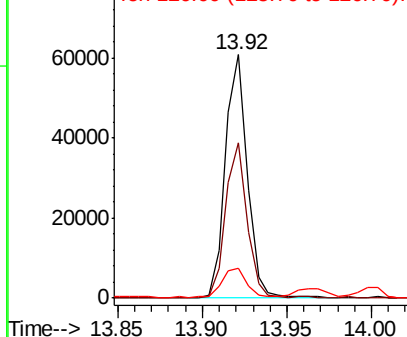


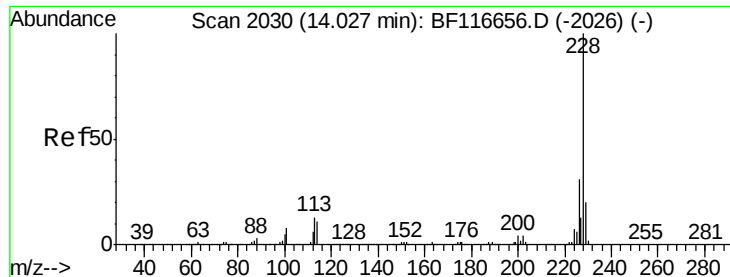
Abundance

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





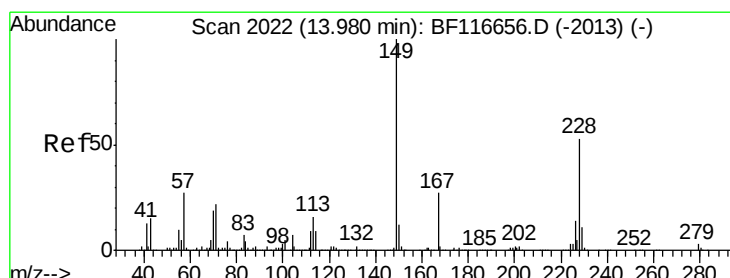
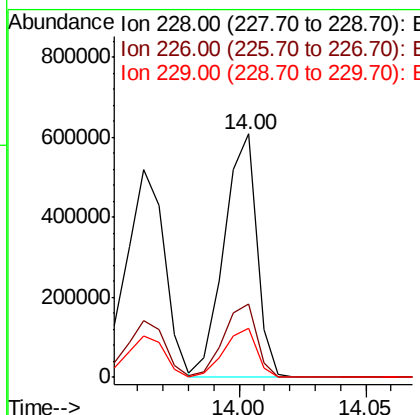
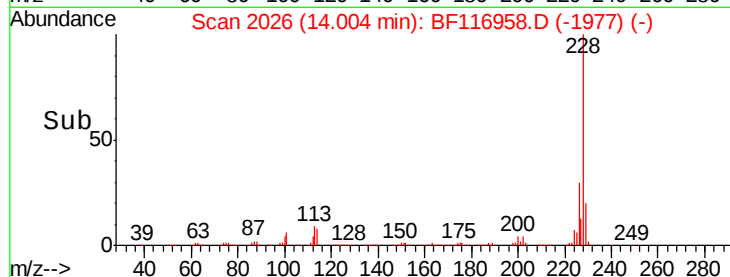
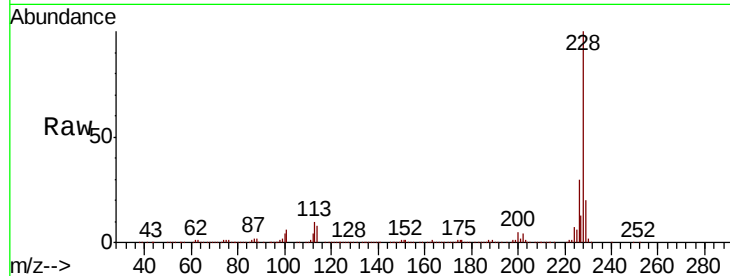
#83
 Chrvsene
 Concen: 37.016 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-7-D(4-10)MS

Tot Ion:	228	Resp:	544957
Ion Ratio		Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.3	15.4	23.0

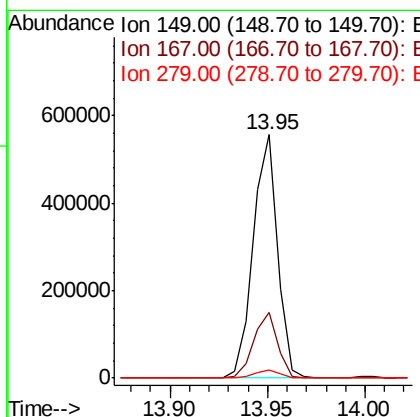
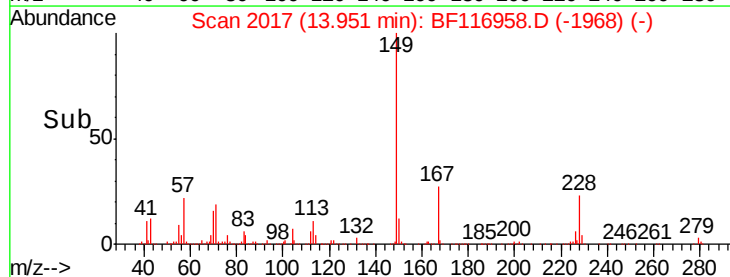
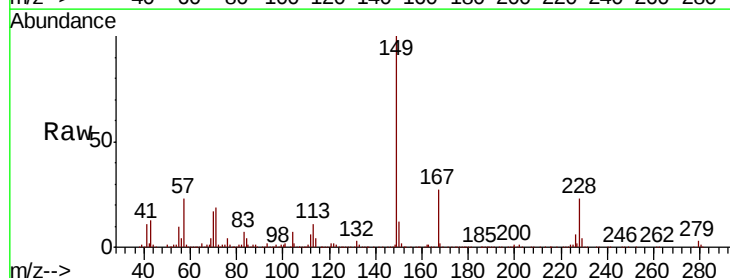
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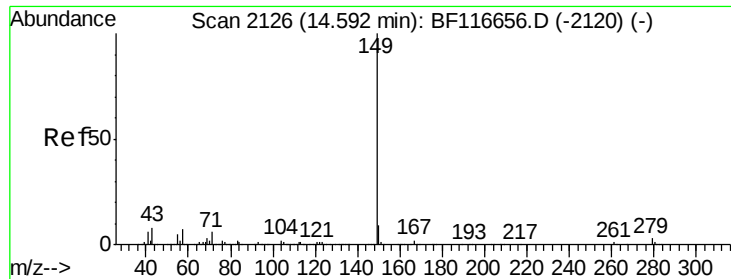
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.700 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF116958.D
 Acq: 11 Sep 2019 20:41

Tgt Ion:	149	Resp:	478327
Ion Ratio		Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.4	2.8	4.2





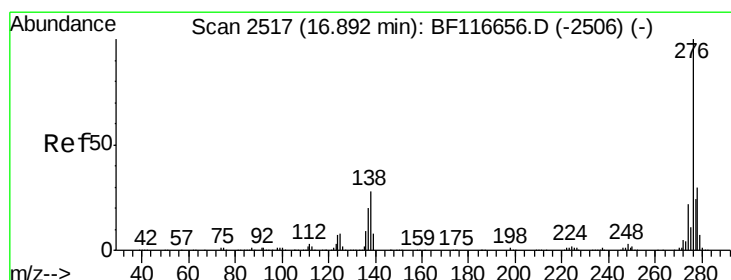
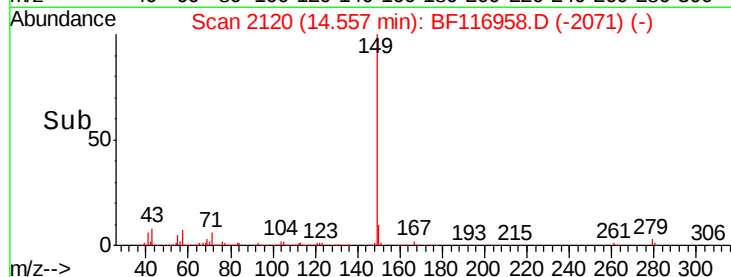
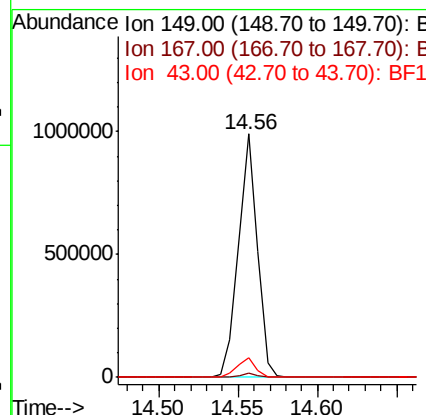
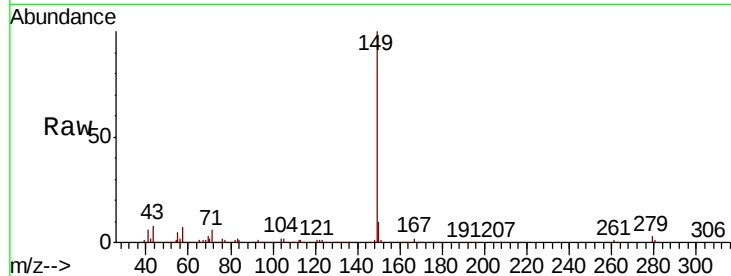
#85
Di-n-octyl phthalate
Concen: 41.732 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampled :
TP-7-D(4-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	822834		
167	1.6		1.3	1.9
43	7.7		7.8	11.8#

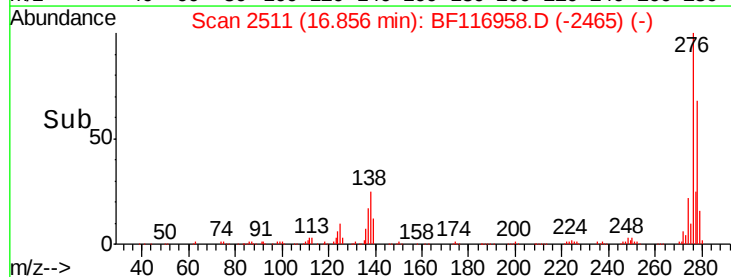
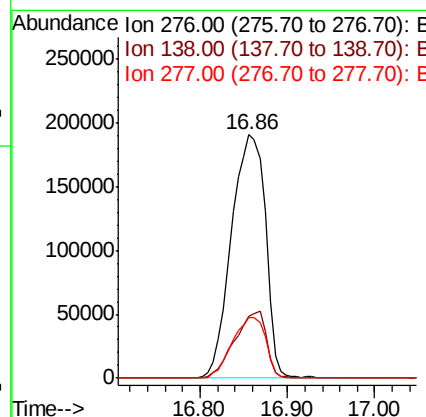
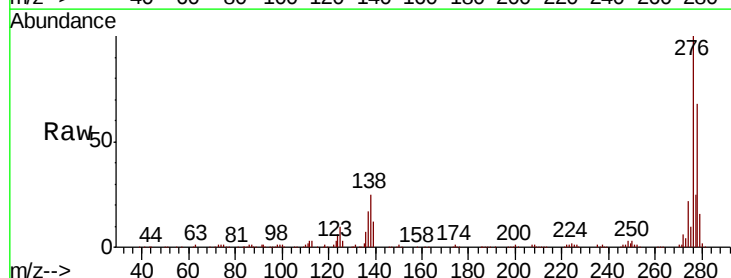
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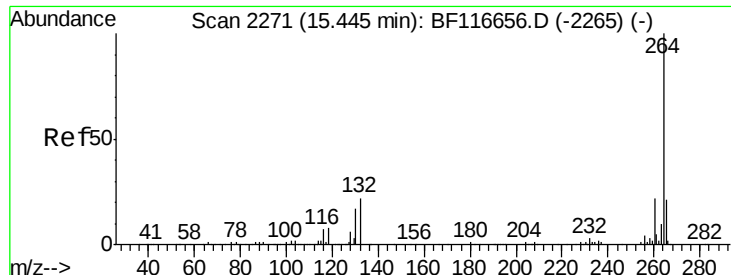
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.794 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.03 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	506053		
138	25.3		19.4	29.2
277	24.4		20.5	30.7





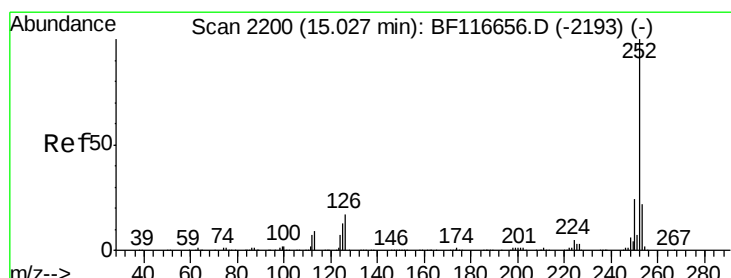
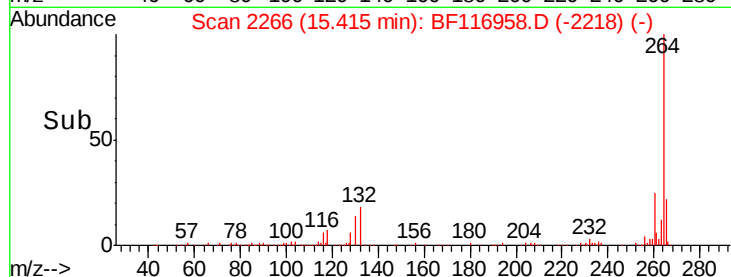
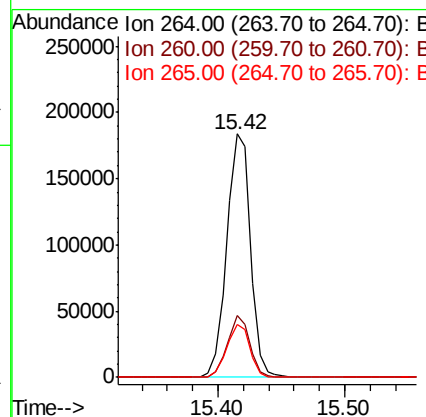
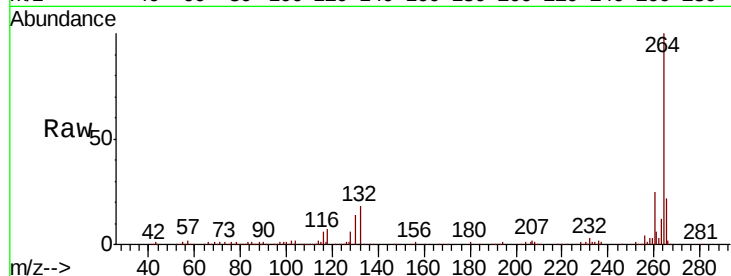
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.3	27.5
265	21.8	16.5	24.7

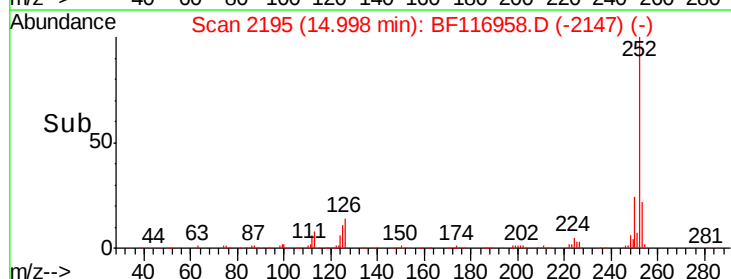
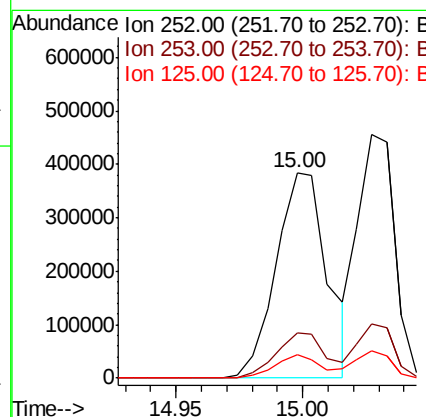
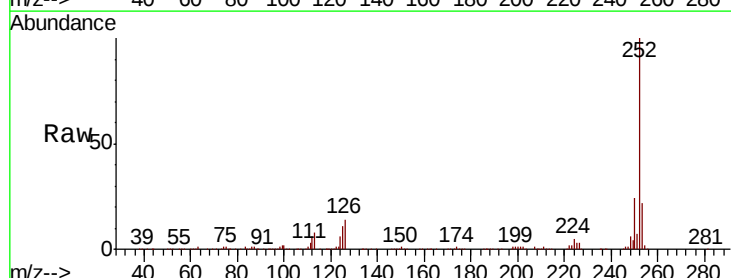
Manual Integrations
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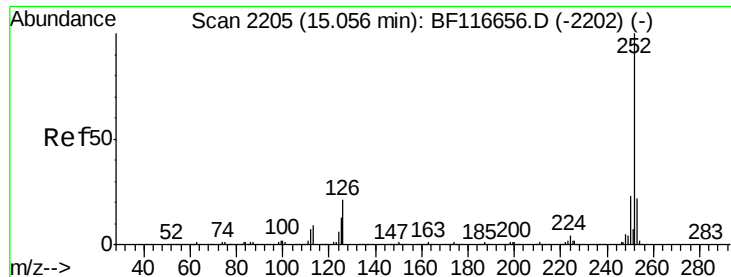
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.769 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	11.2	8.2	12.2





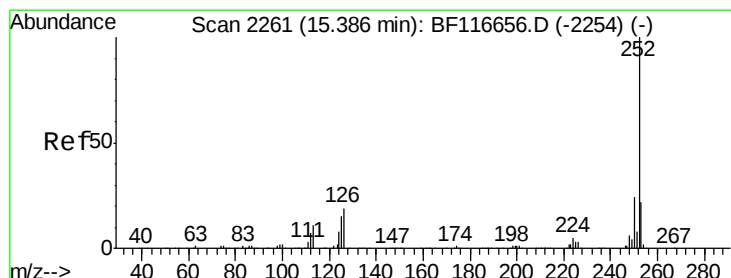
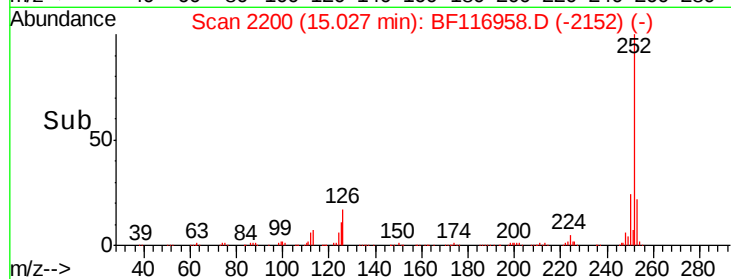
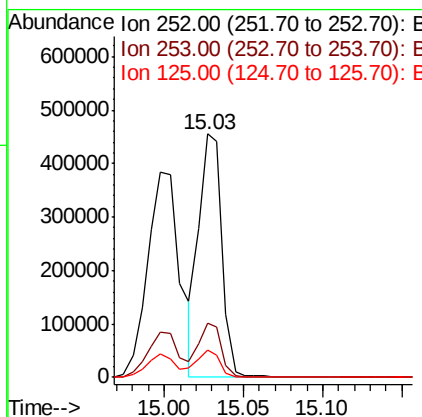
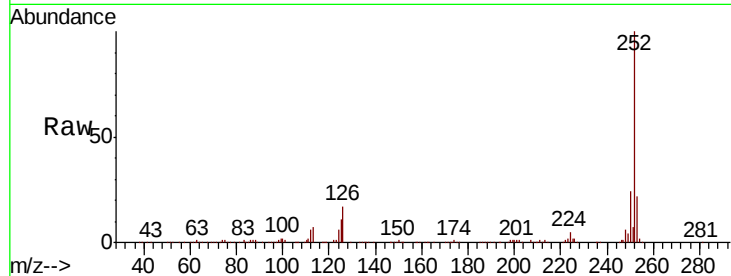
#89
Benzo(k)fluoranthene
Concen: 35.471 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.1	8.6	13.0

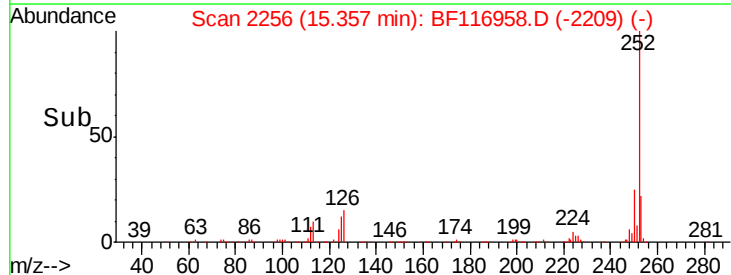
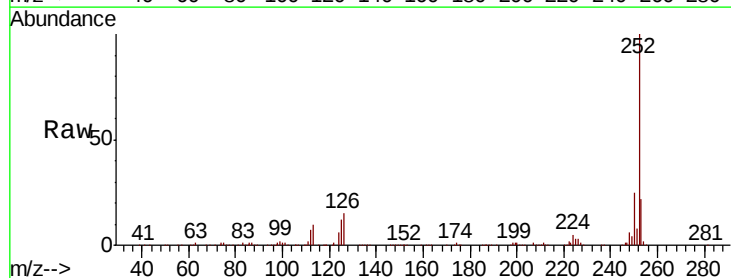
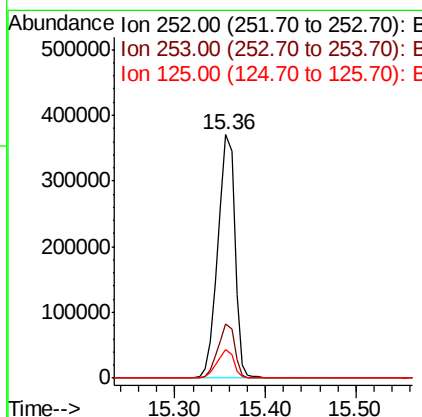
Manual Integrations
APPROVED

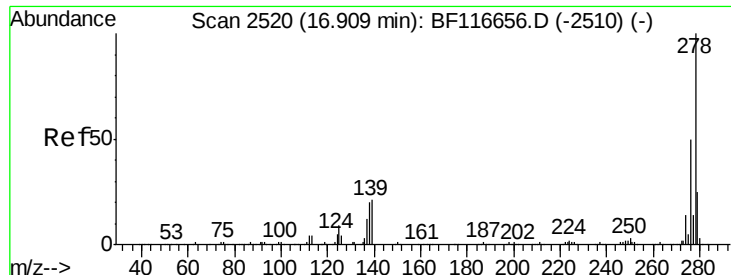
mohammad
9/16/2019 8:57:54 AM



#90
Benzo(a)pyrene
Concen: 38.497 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.0	9.8	14.8





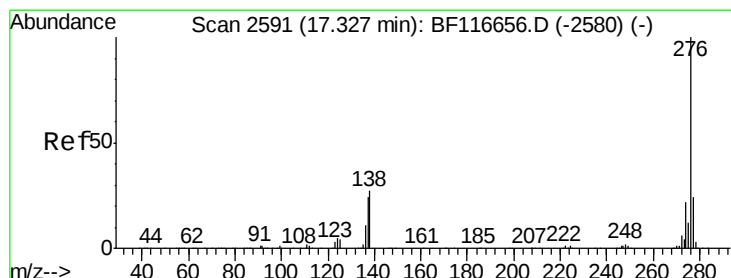
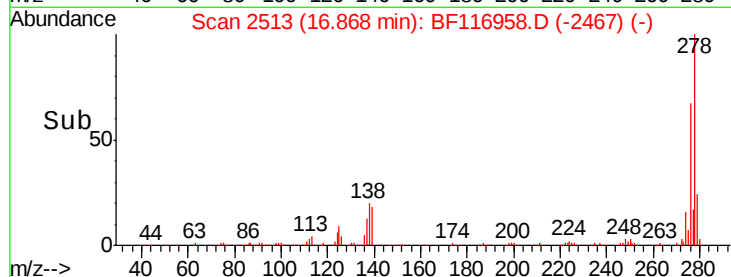
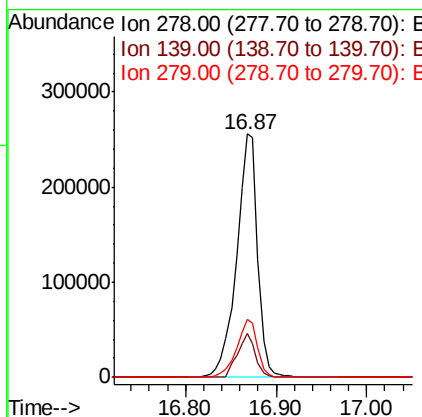
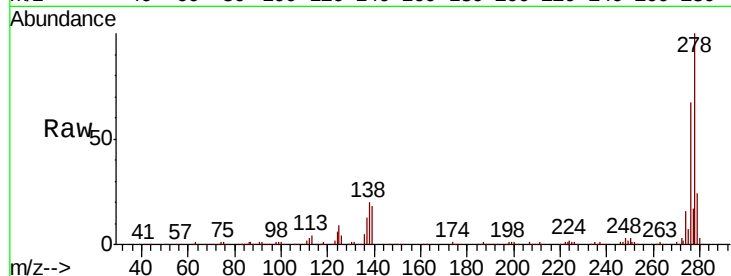
#91
Dibenzo(a,h)anthracene
Concen: 37.990 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.03 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Instrument :
BNA_F
ClientSampleId :
TP-7-D(4-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	12.4	18.6
279	23.7	18.2	27.4

Manual Integrations
APPROVED

mohammad
9/16/2019 8:57:54 AM



#92
Benzo(g,h,i)perylene
Concen: 36.761 ng
RT: 17.29 min Scan# 2584
Delta R.T. -0.04 min
Lab File: BF116958.D
Acq: 11 Sep 2019 20:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	22.9	16.2	24.2

