

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
 Data File : BF116987.D
 Acq On : 12 Sep 2019 12:31
 Operator : HP/JU
 Sample : PB122948BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Manual Integrations
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mohammad
 9/16/2019 8:59:23 AM

Quant Time: Sep 12 14:36:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 08:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	80313	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	336825	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	171670	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	277902	20.00	ng	0.00
76) Chrysene-d12	13.97	240	170998	20.00	ng	0.00
87) Perylene-d12	15.42	264	143467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	635262	128.14	ng	0.02
7) Phenol-d6	6.47	99	811582	124.67	ng	0.00
23) Nitrobenzene-d5	7.39	82	490838	83.19	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	182449	158.98	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	854895	84.01	ng	0.00
79) Terphenyl-d14	12.92	244	771954	83.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	104374	45.609	ng	98
3) Pyridine	3.40	79	254546	38.416	ng	98
4) n-Nitrosodimethylamine	3.36	42	98178	43.149	ng	99
6) Aniline	6.49	93	312774	34.691	ng	# 84
8) 2-Chlorophenol	6.62	128	272494	50.353	ng	99
9) Benzaldehyde	6.37	77	171231	39.927	ng	99
10) Phenol	6.48	94	347497	48.208	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	255111	45.452	ng	99
12) 1,3-Dichlorobenzene	6.77	146	285890	46.742	ng	99
13) 1,4-Dichlorobenzene	6.85	146	293028	48.122	ng	99
14) 1,2-Dichlorobenzene	7.00	146	273614	48.486	ng	100
15) Benzyl Alcohol	6.97	79	251181	47.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	251532	38.197	ng	99
17) 2-Methylphenol	7.09	107	230051	48.560	ng	97
18) Hexachloroethane	7.34	117	114207	48.274	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	197612	46.105	ng	99
20) 3+4-Methylphenols	7.23	107	280643	50.950	ng	96
22) Acetophenone	7.23	105	401502	49.513	ng	99
24) Nitrobenzene	7.41	77	305504	50.911	ng	99
25) Isophorone	7.65	82	544478	45.541	ng	100
26) 2-Nitrophenol	7.72	139	143284	64.225	ng	99
27) 2,4-Dimethylphenol	7.76	122	238670	52.971	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	331925	45.431	ng	99
29) 2,4-Dichlorophenol	7.97	162	222608	51.410	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	227536	48.448	ng	97
31) Naphthalene	8.13	128	774342	48.347	ng	99
32) Benzoic acid	7.89	122	135797	53.378	ng	95
33) 4-Chloroaniline	8.17	127	181722	24.925	ng	98
34) Hexachlorobutadiene	8.25	225	124028	48.434	ng	98
35) Caprolactam	8.55	113	70329m	43.400	ng	
36) 4-Chloro-3-methylphenol	8.66	107	263423	52.932	ng	95
37) 2-Methylnaphthalene	8.82	142	530850	49.814	ng	98
38) 1-Methylnaphthalene	8.92	142	491054	48.814	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	202306	49.160	ng	99

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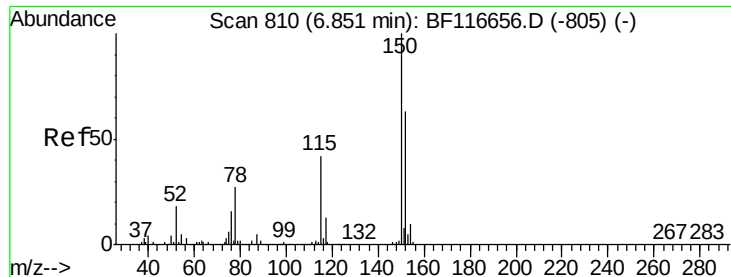
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	221229	93.093	nq	96
43) 2,4,6-Trichlorophenol	9.10	196	145676	51.640	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	158497	54.119	nq	98
46) 1,1'-Biphenyl	9.28	154	625274	48.000	nq	100
47) 2-Chloronaphthalene	9.30	162	489397	47.434	nq	96
48) 2-Nitroaniline	9.40	65	156533	52.478	nq	96
49) Acenaphthylene	9.72	152	774859	49.682	nq	100
50) Dimethylphthalate	9.58	163	566605	47.807	nq	100
51) 2,6-Dinitrotoluene	9.64	165	127936	56.577	nq #	84
52) Acenaphthene	9.89	154	442692	46.196	nq	99
53) 3-Nitroaniline	9.81	138	92776	32.739	nq	95
54) 2,4-Dinitrophenol	9.92	184	95969	115.131	nq #	87
55) Dibenzofuran	10.06	168	667325	49.398	nq	99
56) 4-Nitrophenol	9.98	139	199238	102.536	nq	92
57) 2,4-Dinitrotoluene	10.05	165	167562	60.601	nq	90
58) Fluorene	10.40	166	532471	51.729	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	120814	57.159	nq	100
60) Diethylphthalate	10.28	149	562819	47.407	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	231153	51.282	nq	98
62) 4-Nitroaniline	10.43	138	138805	50.472	nq	98
63) Azobenzene	10.56	77	588565	47.544	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	68129	63.683	nq	97
66) n-Nitrosodiphenylamine	10.52	169	467696	48.650	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	134348	47.589	nq	97
68) Hexachlorobenzene	10.96	284	140562	47.588	nq	97
69) Atrazine	11.04	200	127112	47.210	nq	96
70) Pentachlorophenol	11.15	266	156755	109.707	nq	99
71) Phenanthrene	11.37	178	741400	47.926	nq	100
72) Anthracene	11.42	178	769536	49.416	nq	100
73) Carbazole	11.57	167	704689	47.506	nq	99
74) Di-n-butylphthalate	11.90	149	869352	45.716	nq	100
75) Fluoranthene	12.55	202	723342	47.579	nq	99
77) Benzidine	12.67	184	330036	49.208	nq	99
78) Pyrene	12.78	202	738169	48.562	nq	100
80) Butylbenzylphthalate	13.39	149	334858	45.300	nq	99
81) Benzo(a)anthracene	13.96	228	526546	48.653	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	128256	35.068	nq	100
83) Chrysene	14.00	228	520196	46.655	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	428618	46.973	nq	99
85) Di-n-octyl phthalate	14.56	149	663744	44.449	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	428188	47.812	nq	99
88) Benzo(b)fluoranthene	15.00	252	432659	49.881	nq	98
89) Benzo(k)fluoranthene	15.03	252	393609	49.770	nq	98
90) Benzo(a)pyrene	15.36	252	388491	51.481	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	352895	53.426	nq	98
92) Benzo(g,h,i)perylene	17.29	276	351126	52.122	nq	99

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



#1

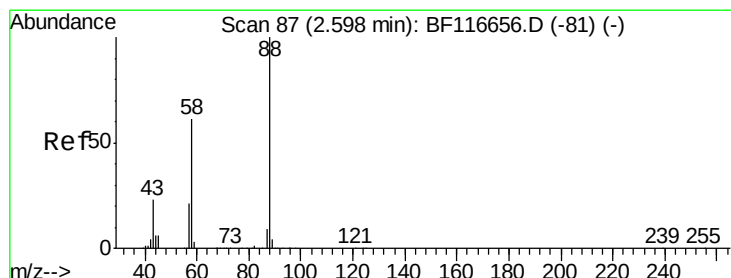
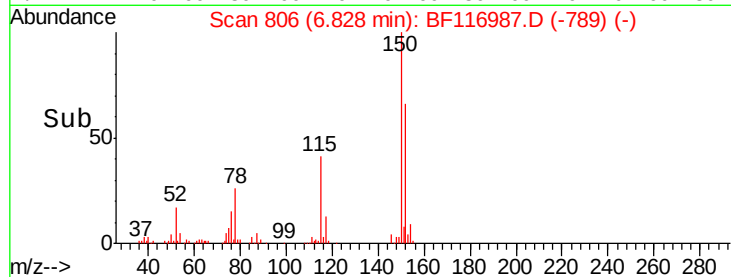
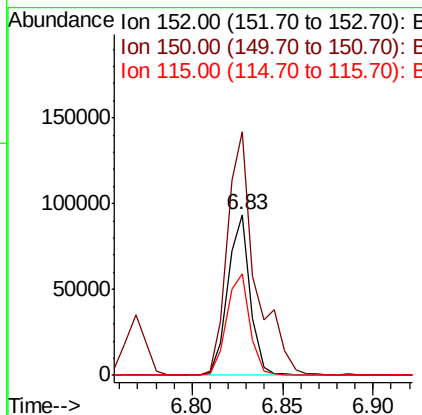
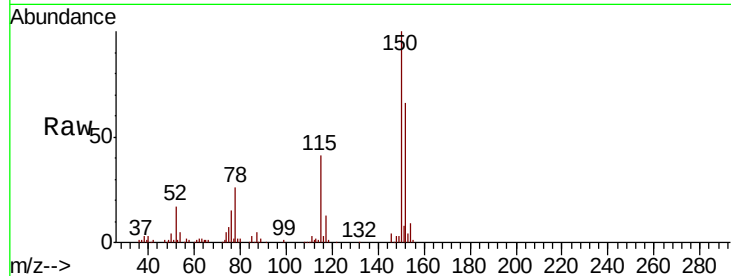
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	126.2	189.2
115	62.9	50.2	75.2

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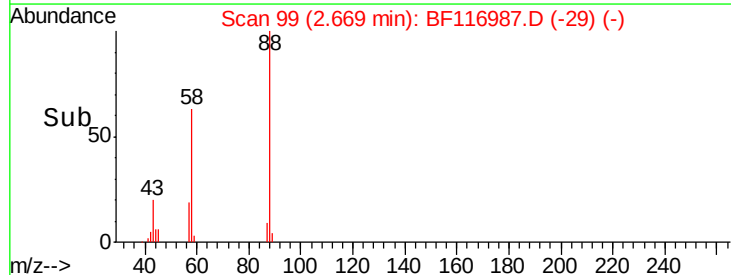
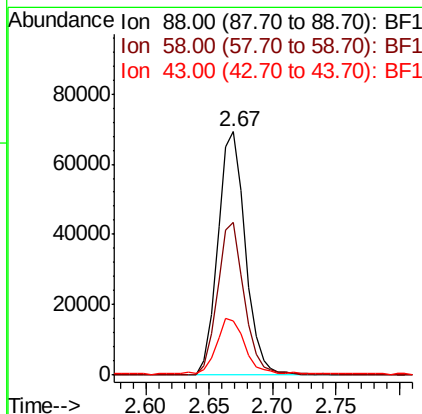
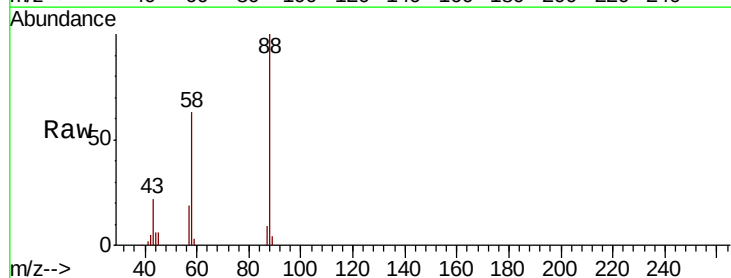
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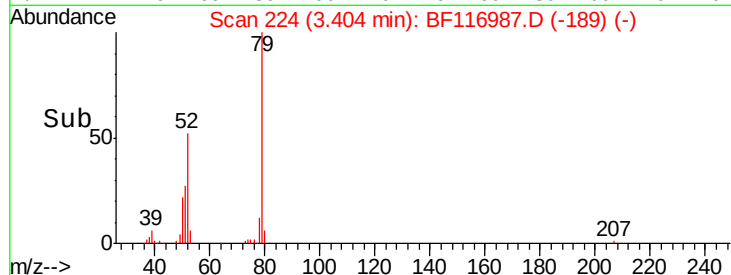
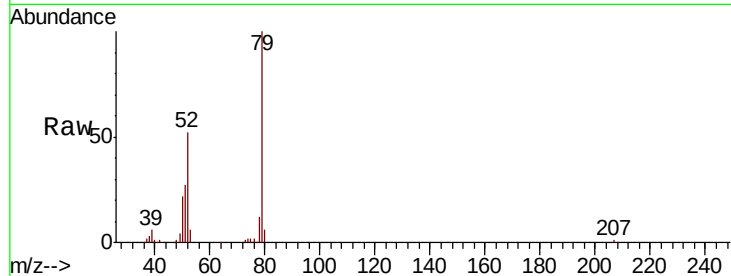
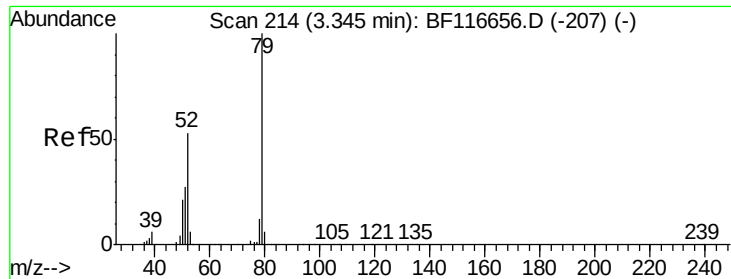


#2

1,4-Dioxane
Concen: 45.609 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.11 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	49.4	74.2
43	25.3	18.6	28.0





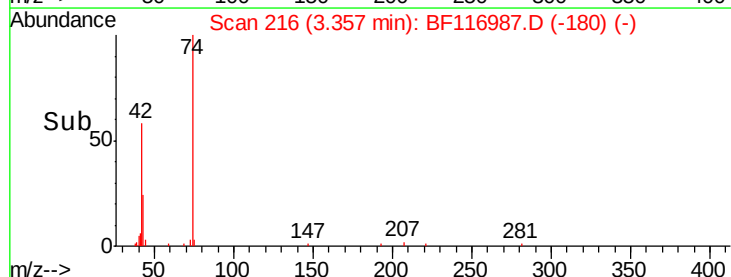
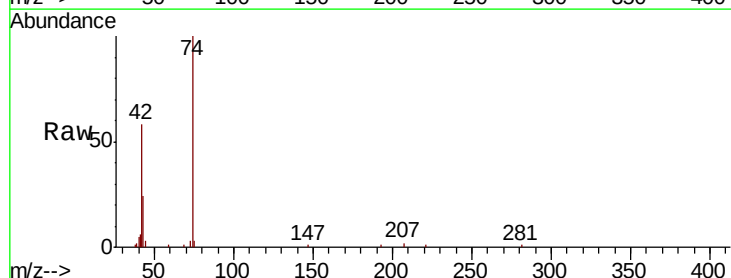
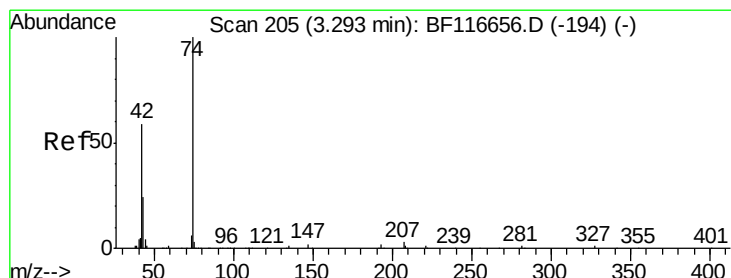
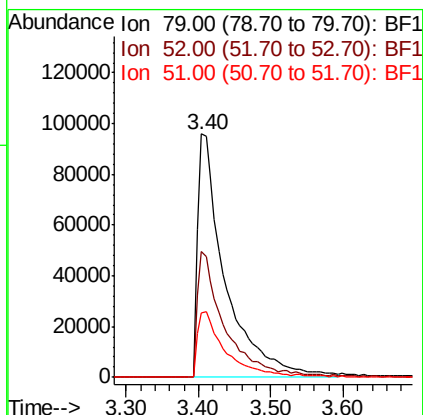
#3
Pvridine
Concen: 38.416 ng
RT: 3.40 min Scan# 224
Delta R.T. 0.11 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tot Ion	79	Resp	254546
Ion Ratio	Lower	Upper	
79	100		
52	51.6	40.5	60.7
51	26.7	22.3	33.5

Instrument :
BNA_F
ClientSampleId :
PB122948BS

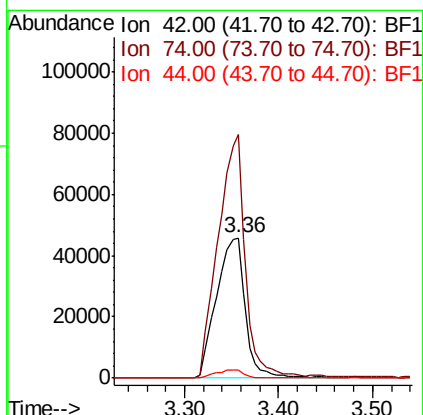
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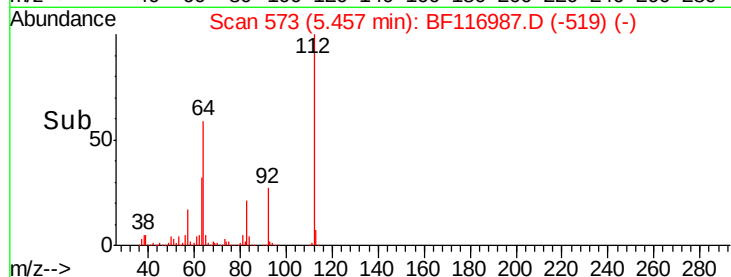
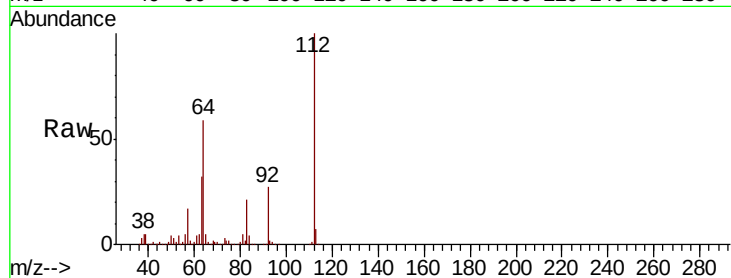
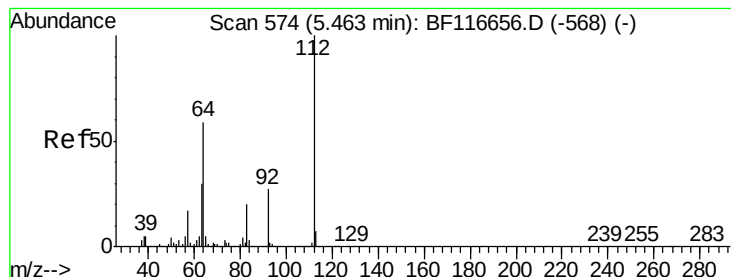
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#4
n-Nitrosodimethylamine
Concen: 43.149 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.11 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	42	Resp	98178
Ion Ratio	Lower	Upper	
42	100		
74	173.8	137.6	206.4
44	5.7	4.4	6.6





#5

2-Fluorophenol

Concen: 128.144 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tot Ion:	112	Resp:	635262
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.1	70.7
63	31.5	25.4	38.0

Instrument :

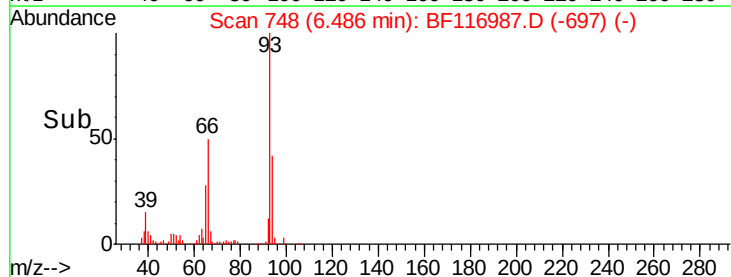
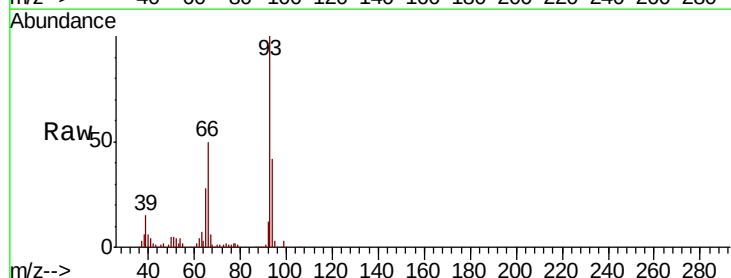
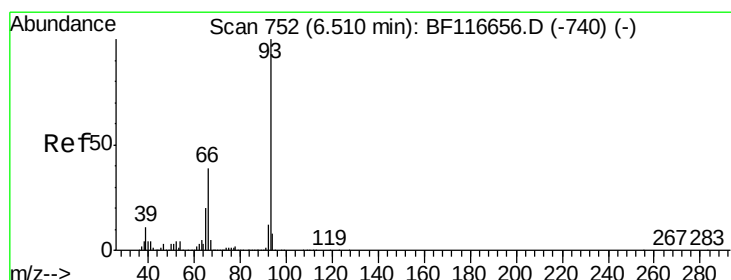
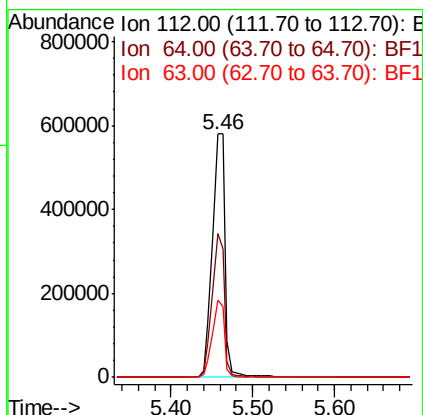
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 34.691 ng

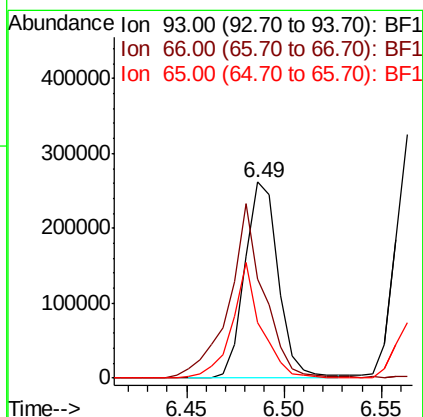
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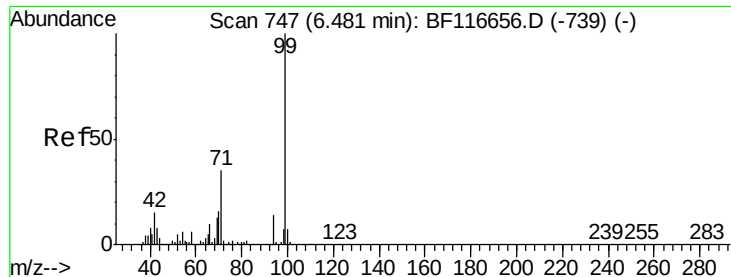
Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	93	Resp:	312774
Ion Ratio	Lower	Upper	
93	100		
66	50.4	32.3	48.5#
65	28.0	16.2	24.2#





#7

Phenol-d6

Concen: 124.674 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

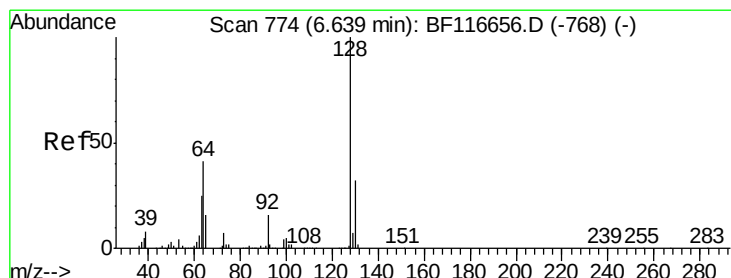
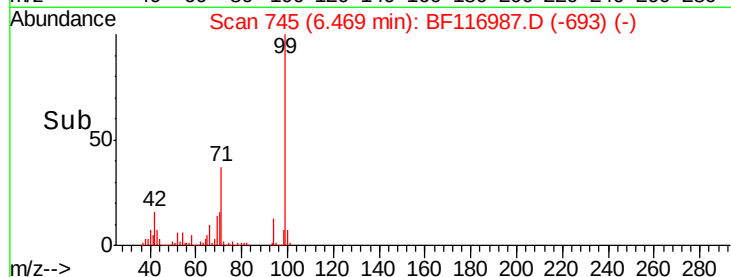
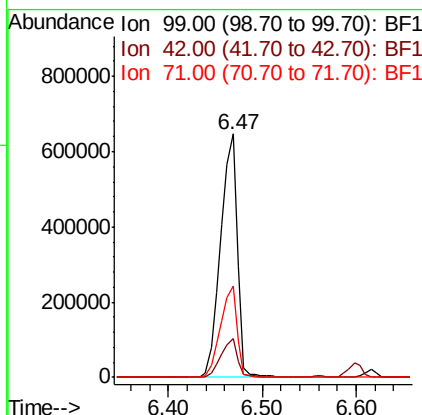
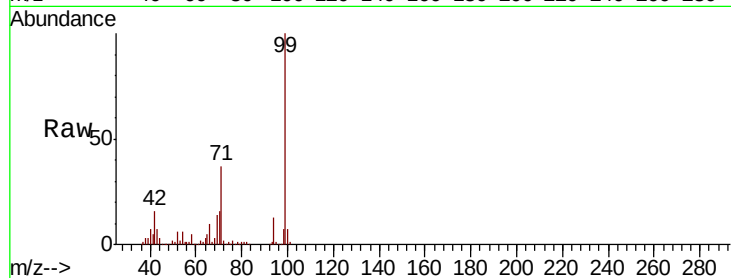
ClientSampleId :

PB122948BS

Tot Ion:	99	Resp:	811582
Ion Ratio	Lower	Upper	
99	100		
42	15.7	12.0	18.0
71	37.4	29.7	44.5

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#8

2-Chlorophenol

Concen: 50.353 ng

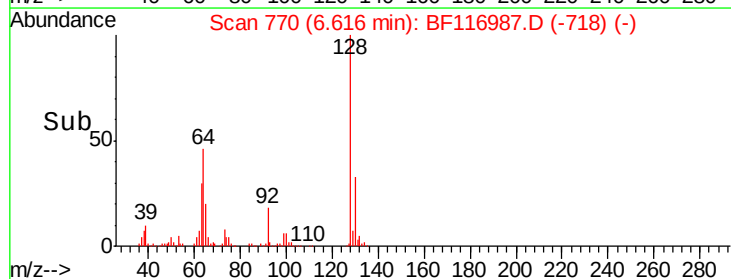
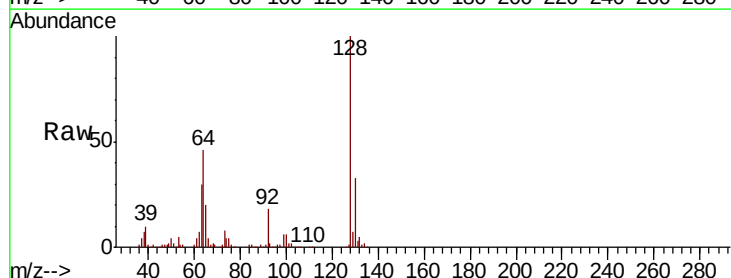
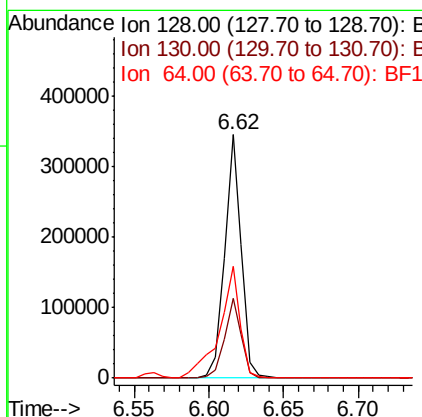
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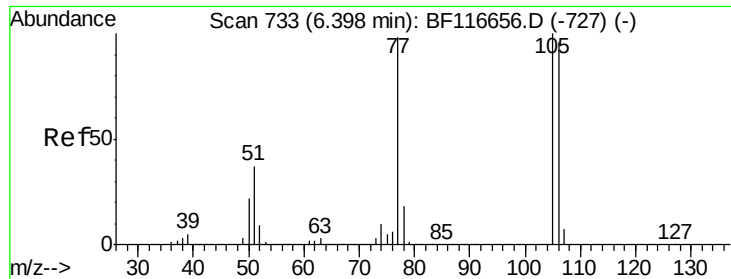
Delta R.T. 0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	128	Resp:	272494
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.4	52.4
64	45.9	26.5	66.5





#9

Benzaldehyde

Concen: 39.927 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

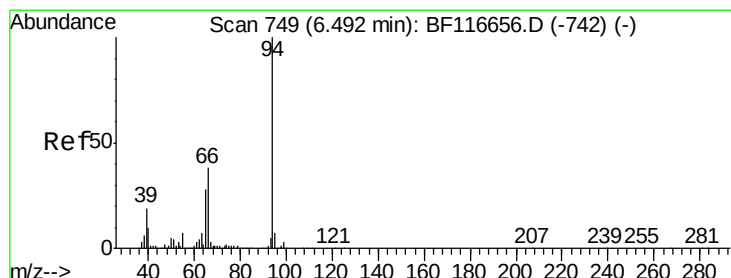
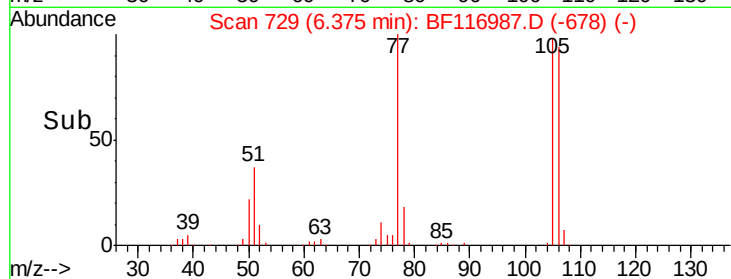
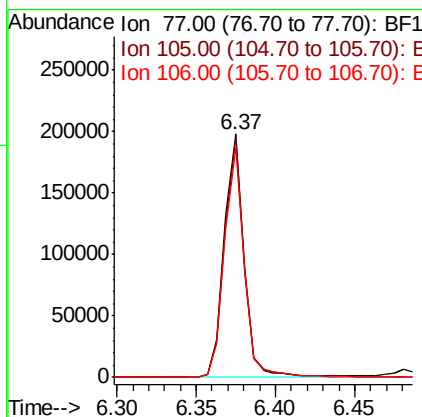
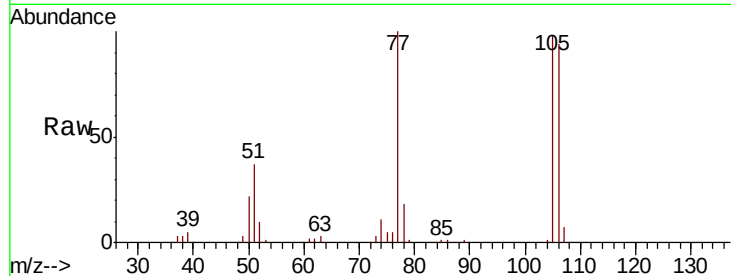
ClientSampleId :

PB122948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.4	79.3	119.3		
106	94.4	75.1	115.1		

Manual Integrations
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#10

Phenol

Concen: 48.208 ng

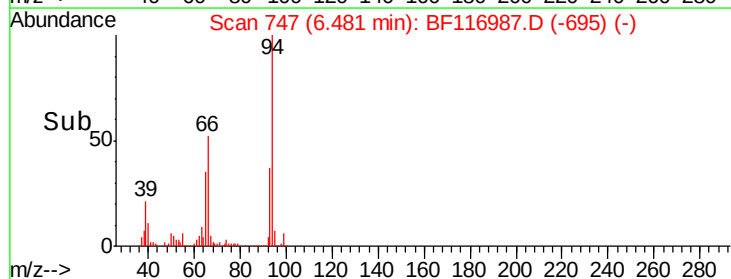
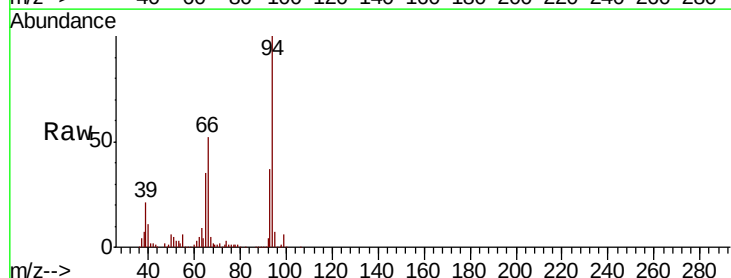
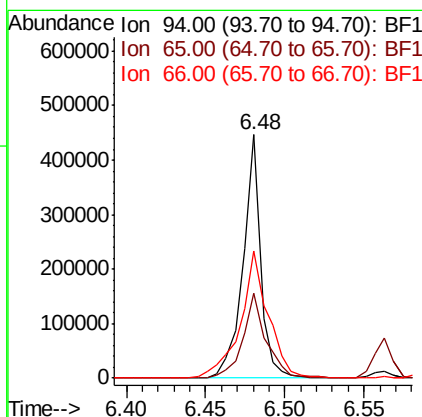
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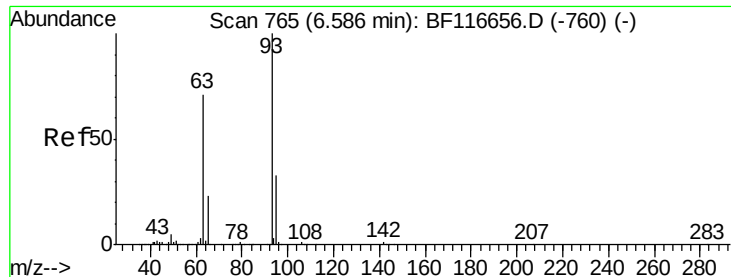
Delta R.T. 0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.8	12.0	52.0		
66	52.1	26.5	66.5		





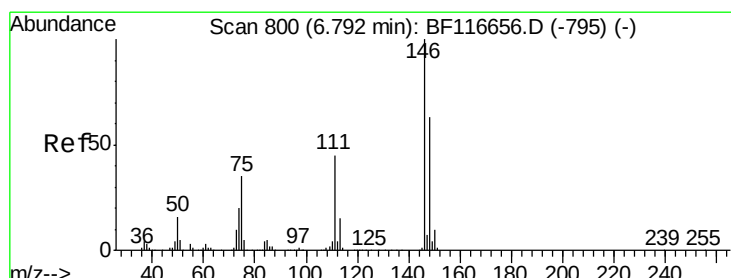
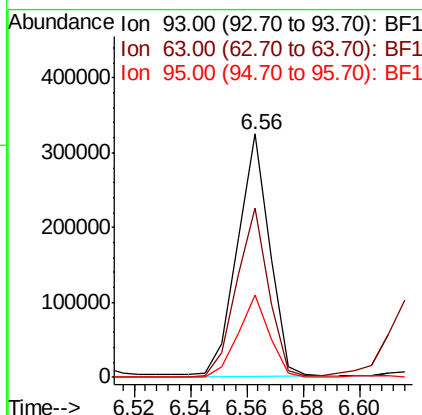
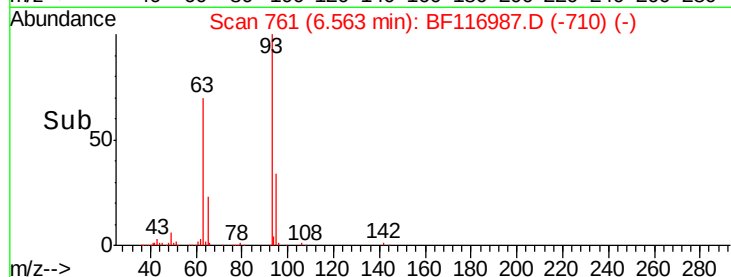
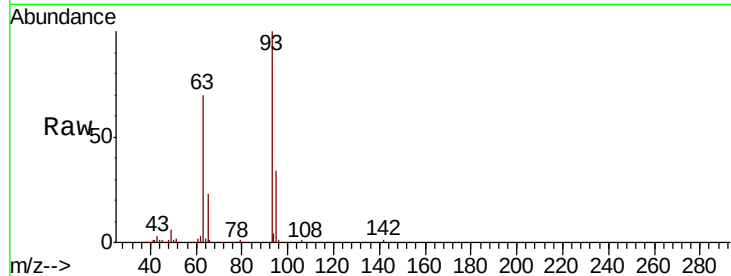
#11
bis(2-Chloroethyl)ether
Concen: 45.452 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		255111		
63	69.7	49.0	89.0		
95	33.9	13.7	53.7		

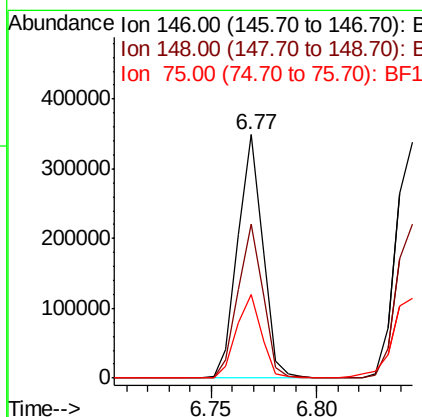
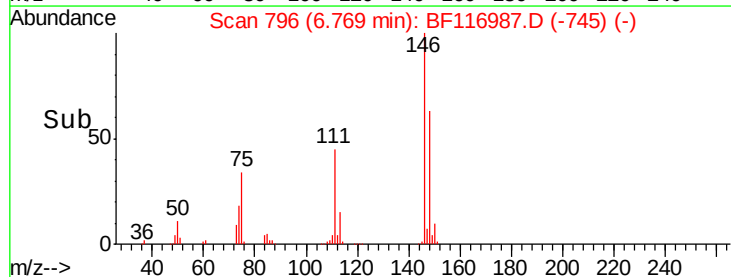
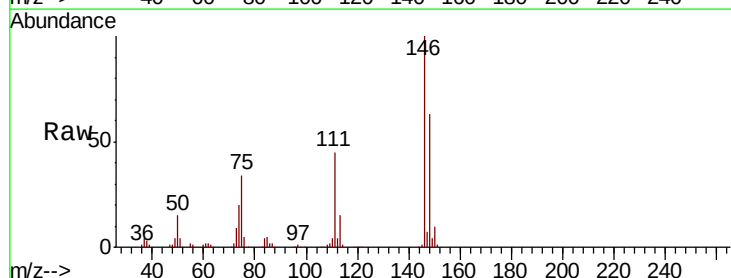
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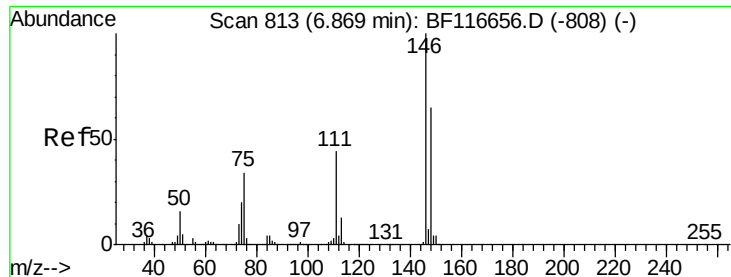
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.742 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		285890		
148	63.4	51.3	76.9		
75	34.5	26.6	40.0		





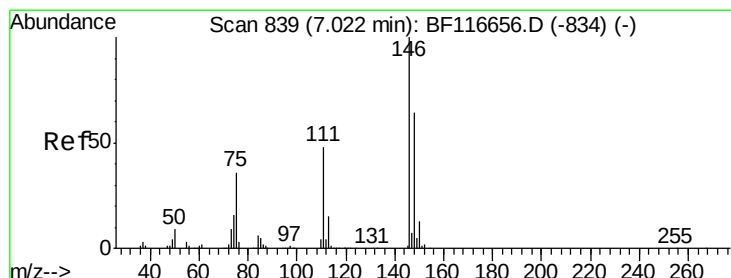
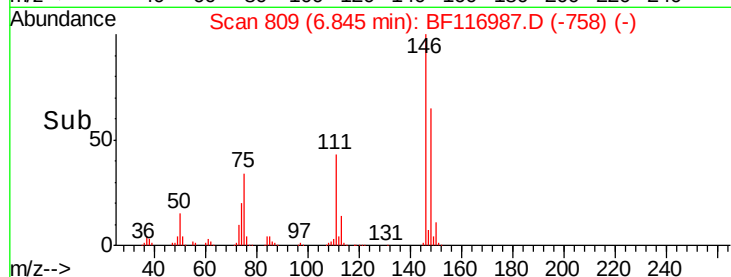
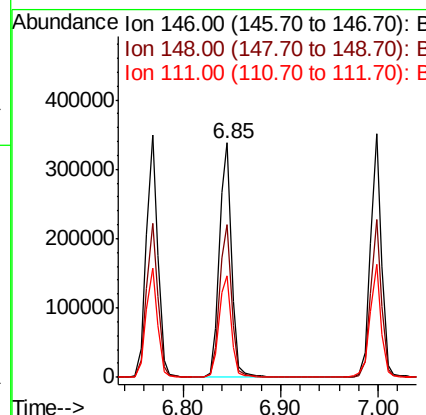
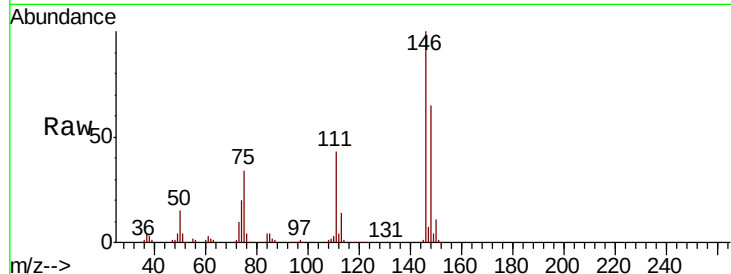
#13
 1,4-Dichlorobenzene
 Concen: 48.122 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	293028		
148	65.1	51.8	77.6	
111	43.4	33.4	50.2	

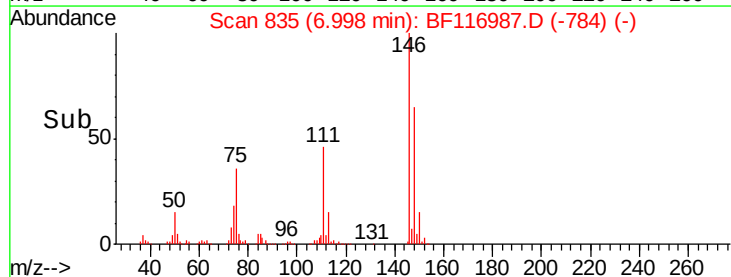
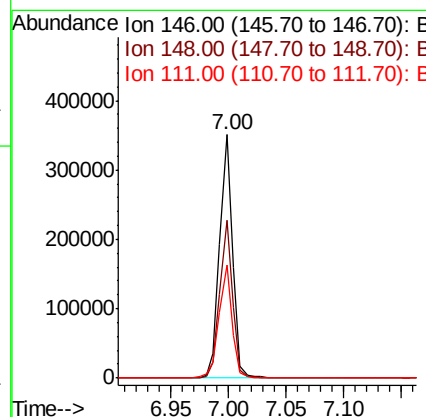
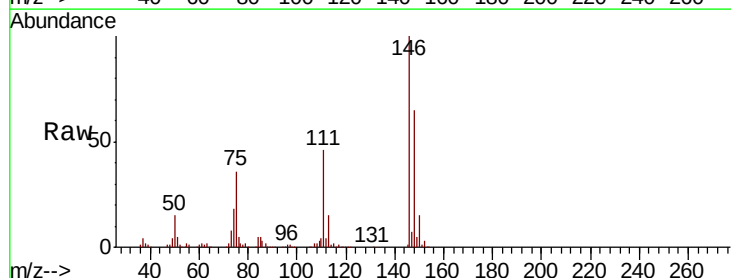
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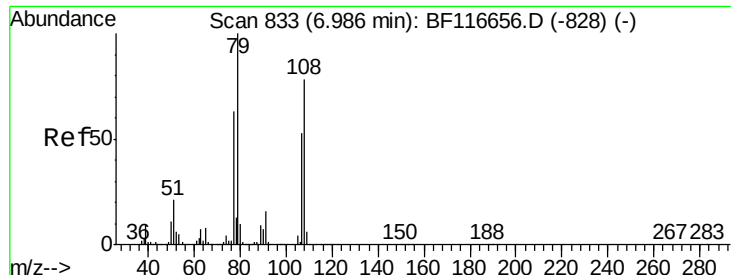
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 48.486 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	273614		
148	64.9	51.7	77.5	
111	46.5	37.2	55.8	





#15

Benzyl Alcohol

Concen: 47.535 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

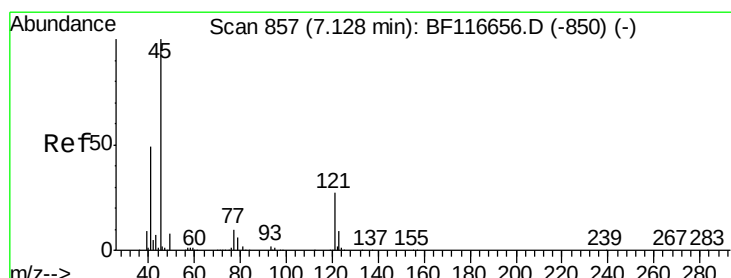
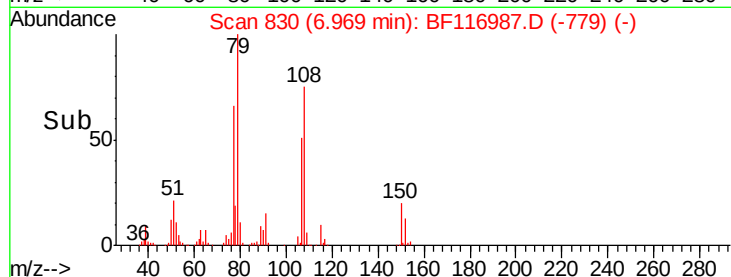
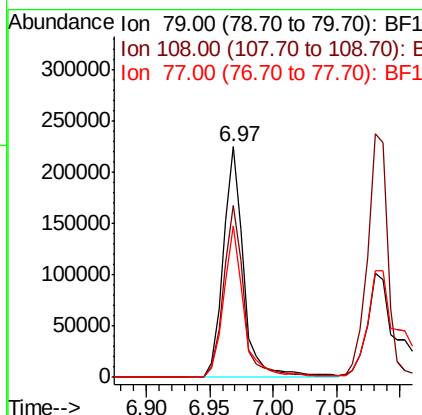
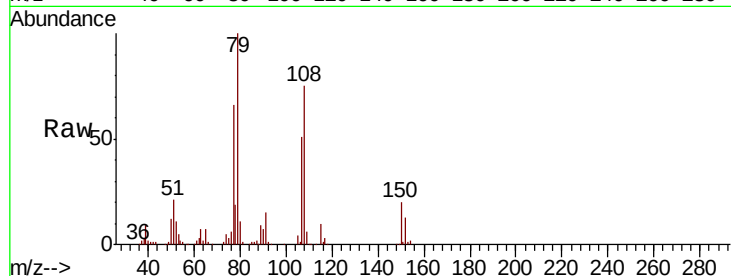
ClientSampleId :

PB122948BS

Tot Ion:	79	Resp:	251181
Ion Ratio	Lower	Upper	
79	100		
108	74.5	60.2	90.4
77	65.9	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.197 ng

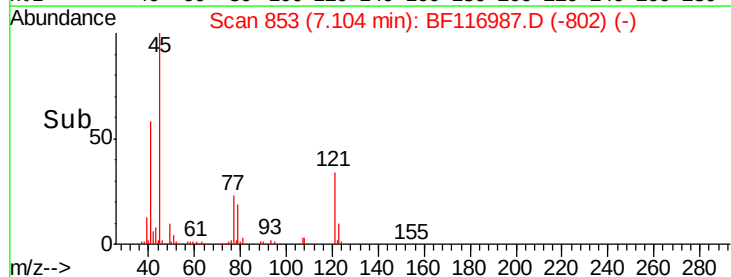
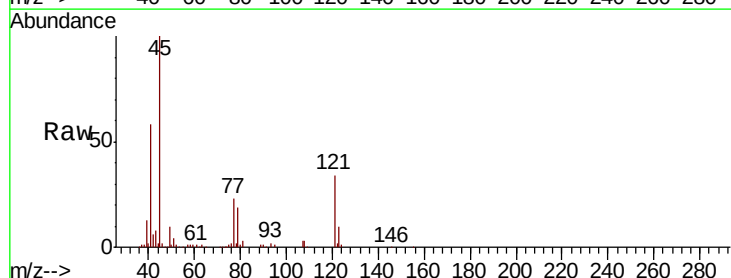
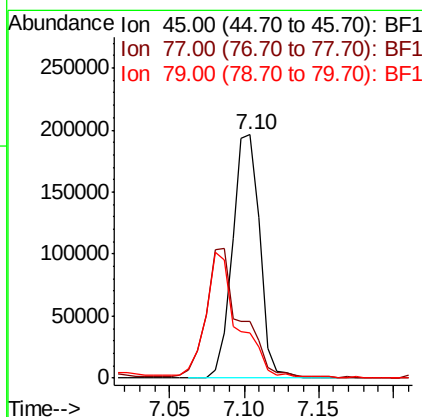
RT: 7.10 min Scan# 853

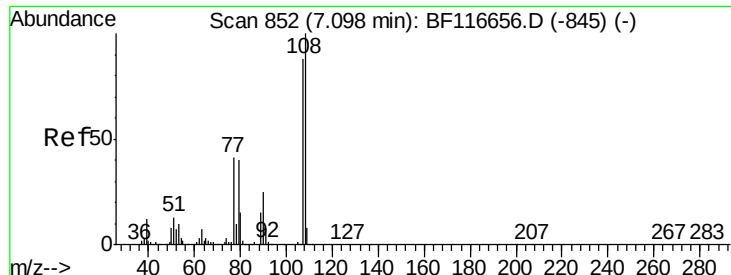
Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	45	Resp:	251532
Ion Ratio	Lower	Upper	
45	100		
77	23.3	2.7	42.7
79	18.7	0.0	38.5





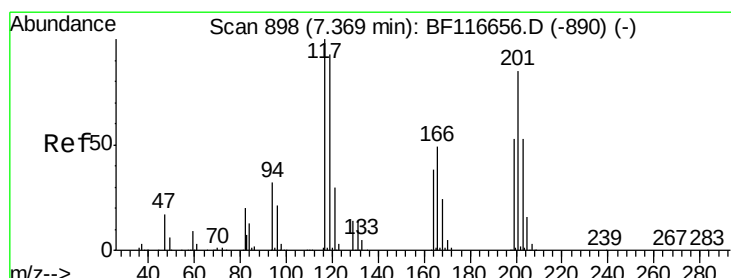
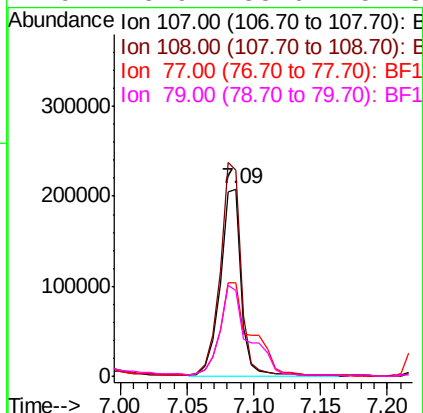
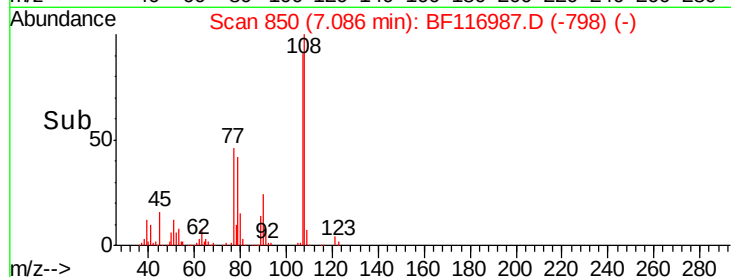
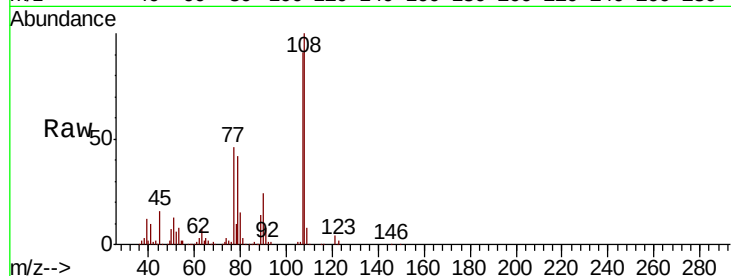
#17
2-Methylphenol
Concen: 48.560 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	90.9	136.3	
77	50.2	38.6	58.0	
79	45.9	38.6	57.8	

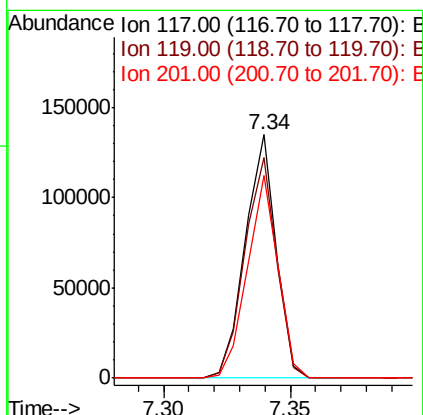
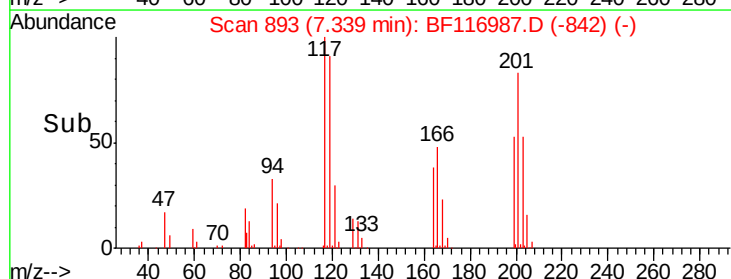
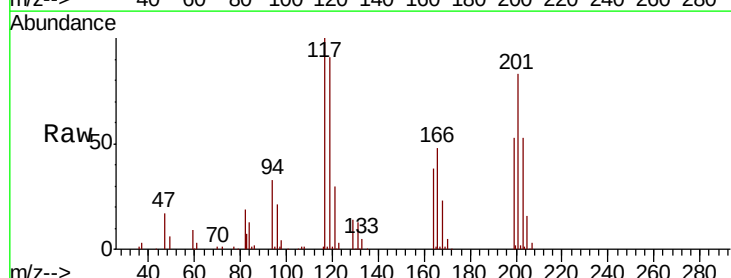
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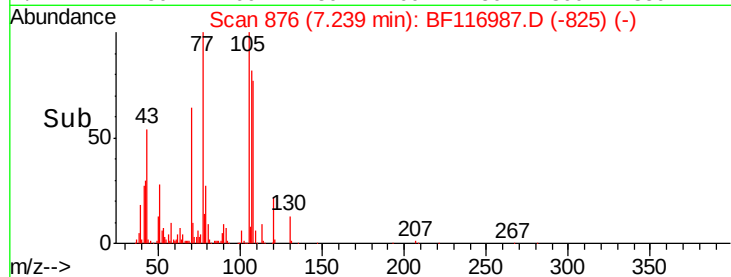
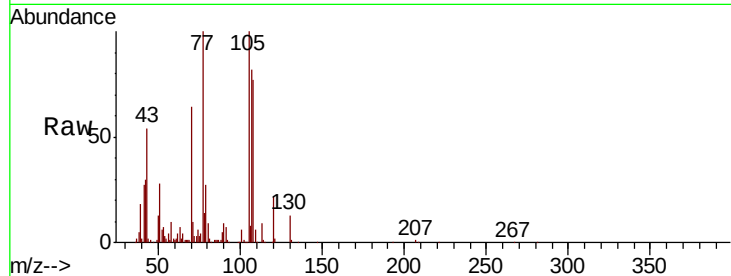
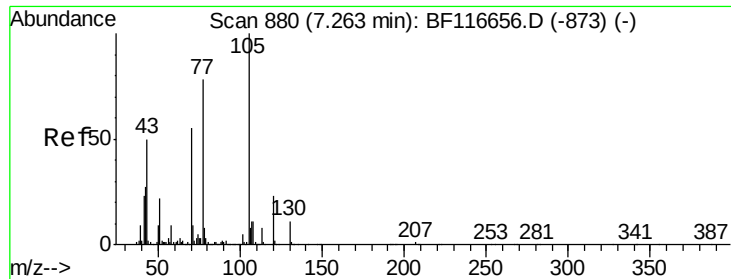
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#18
Hexachloroethane
Concen: 48.274 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.8	76.8	115.2	
201	83.0	68.2	102.2	





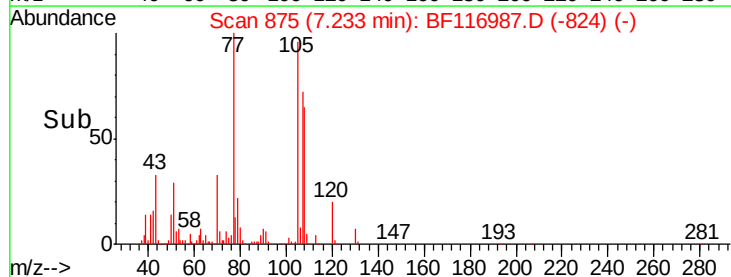
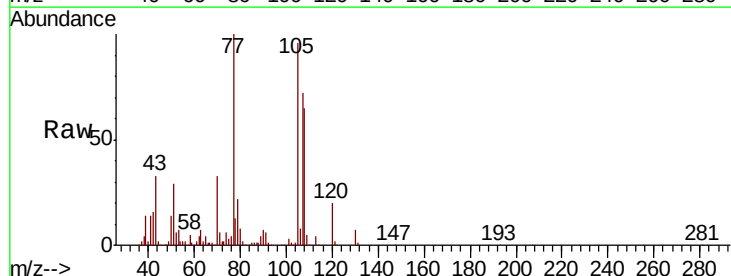
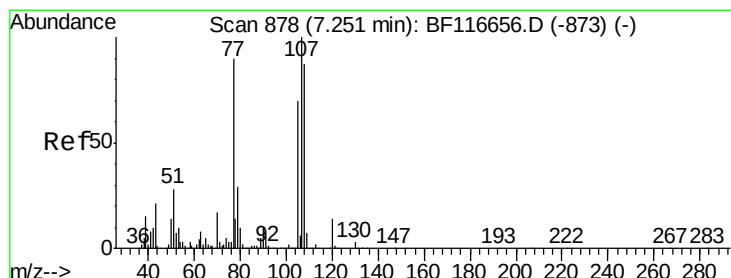
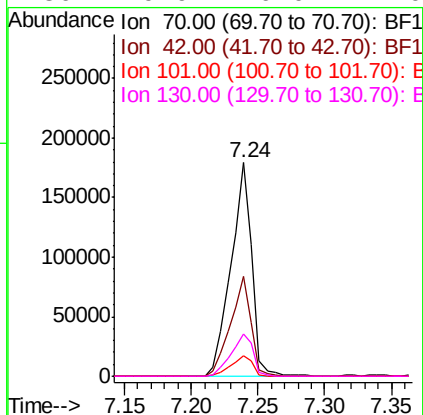
#19
n-Nitroso-di-n-propylamine
Concen: 46.105 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	37.0	55.4
101	9.7	7.4	11.2
130	19.9	16.0	24.0

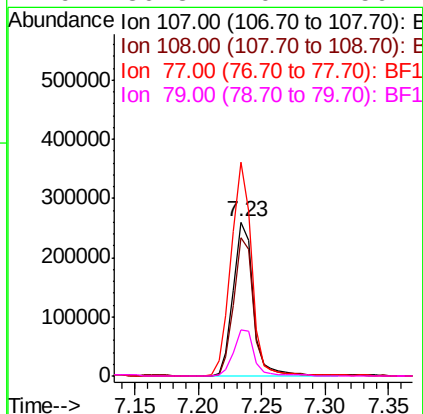
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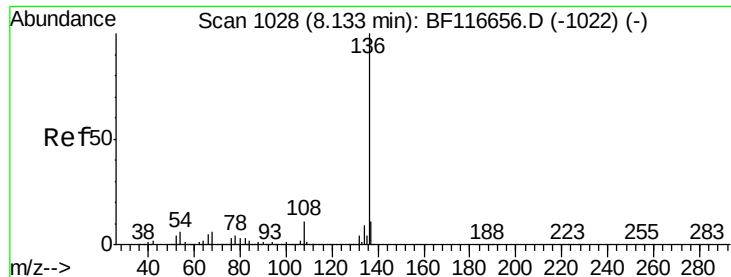
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#20
3+4-Methylphenols
Concen: 50.950 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.9	111.9
77	139.0	112.6	152.6
79	30.3	10.7	50.7





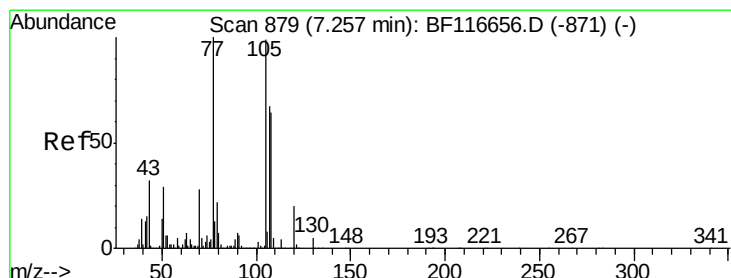
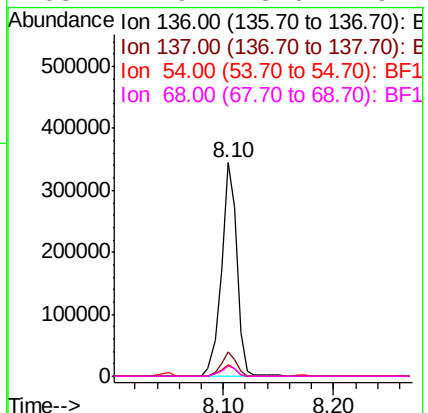
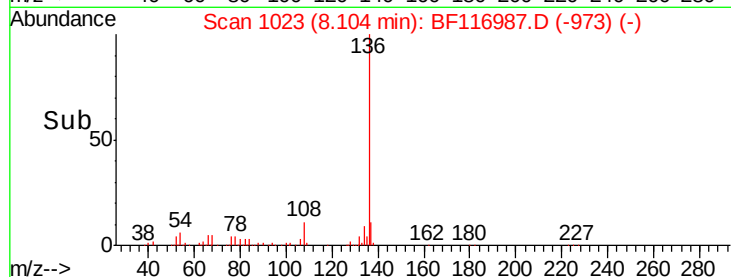
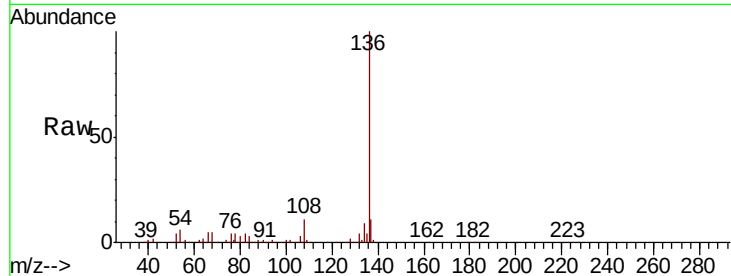
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	336825		
137	11.3	8.5	12.7	
54	5.5	3.8	5.8	
68	4.9	3.6	5.4	

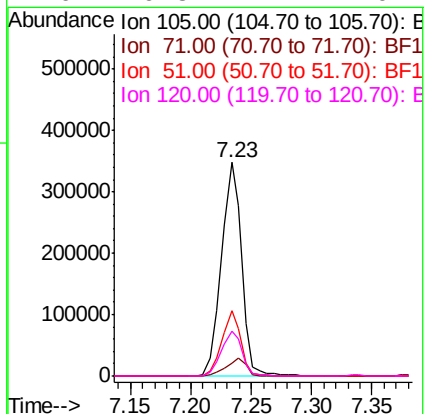
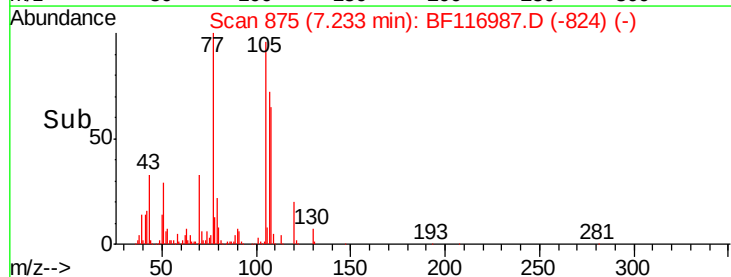
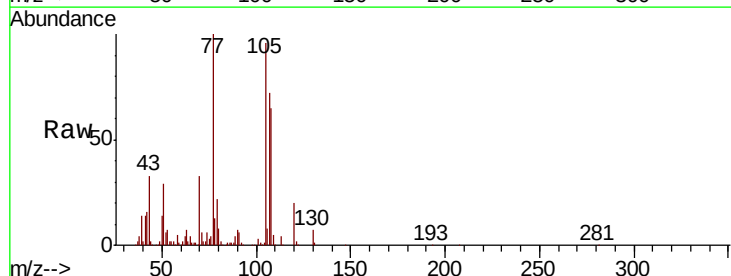
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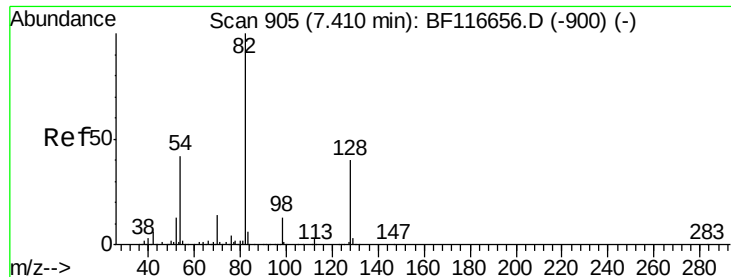
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#22
Acetophenone
Concen: 49.513 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	401502		
71	5.8	4.2	6.4	
51	30.3	24.6	37.0	
120	20.8	17.4	26.2	





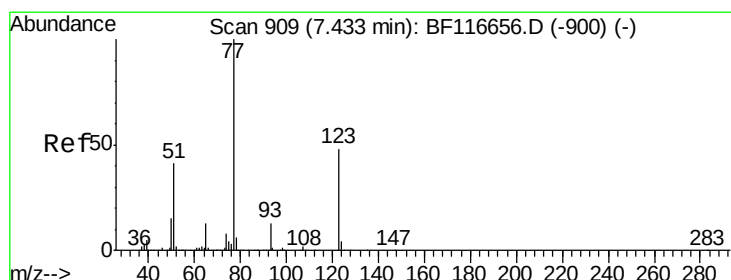
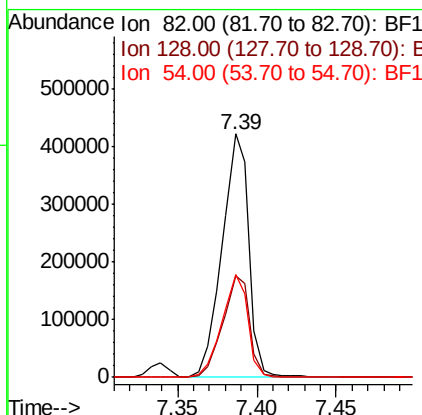
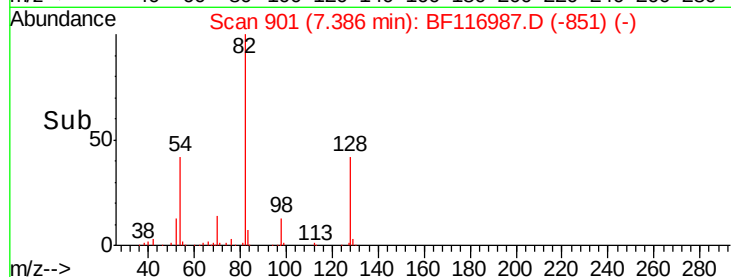
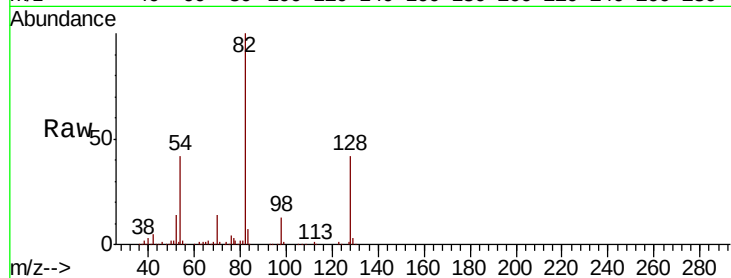
#23
Nitrobenzene-d5
Concen: 83.190 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.0	52.4
54	42.3	32.6	48.8

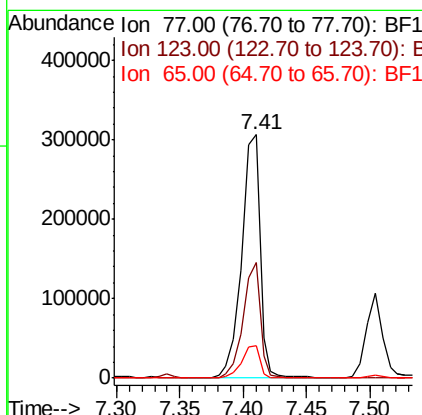
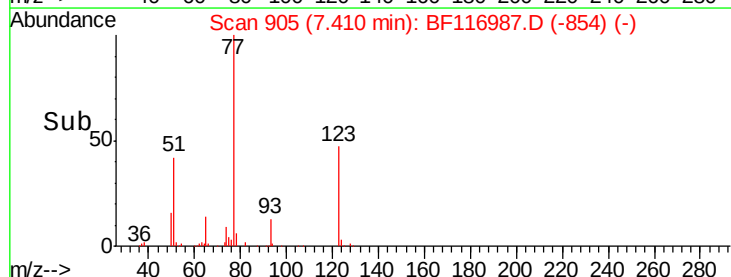
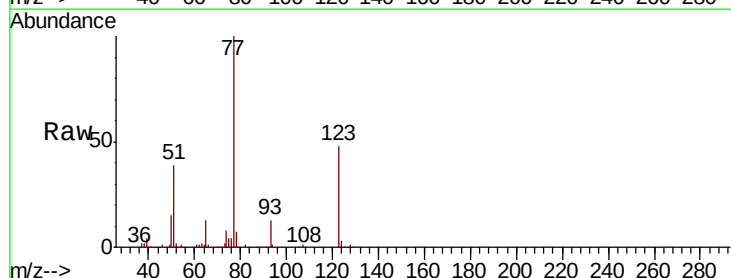
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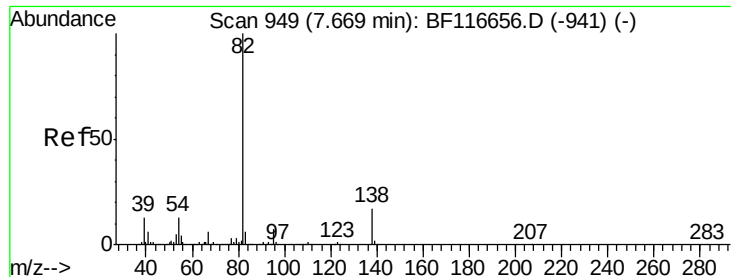
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#24
Nitrobenzene
Concen: 50.911 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	37.7	56.5
65	13.1	10.3	15.5





#25

Isophorone

Concen: 45.541 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

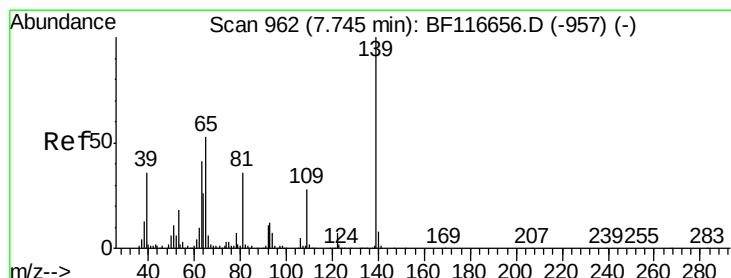
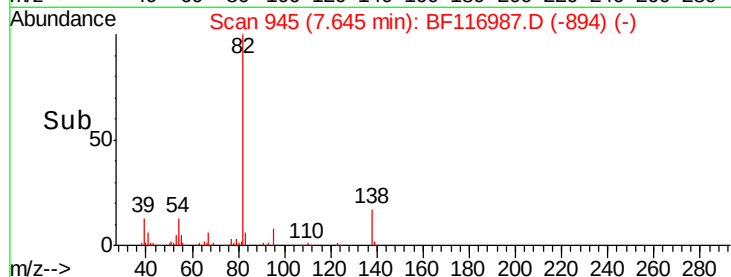
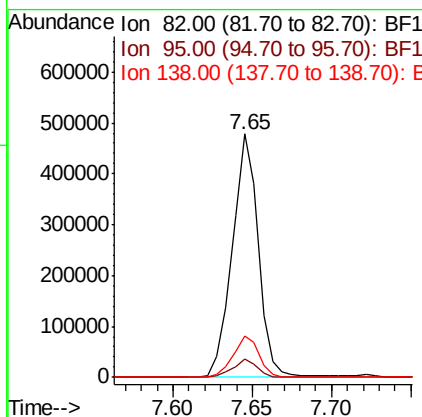
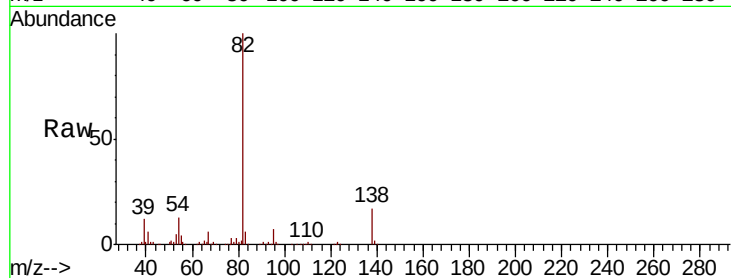
ClientSampleId :

PB122948BS

Tot Ion:	82	Resp:	544478
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.0	9.0
138	16.8	13.4	20.2

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#26

2-Nitrophenol

Concen: 64.225 ng

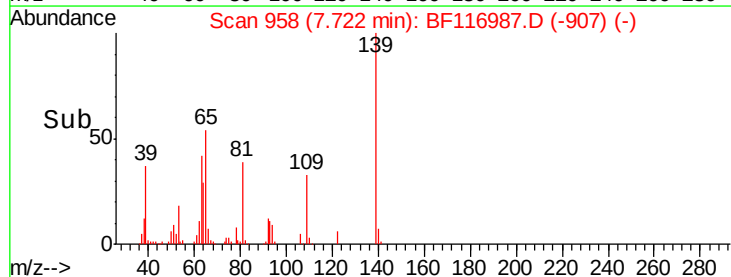
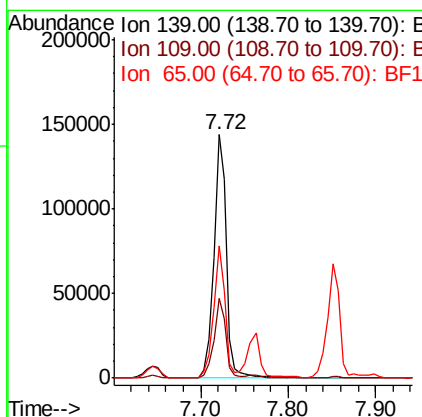
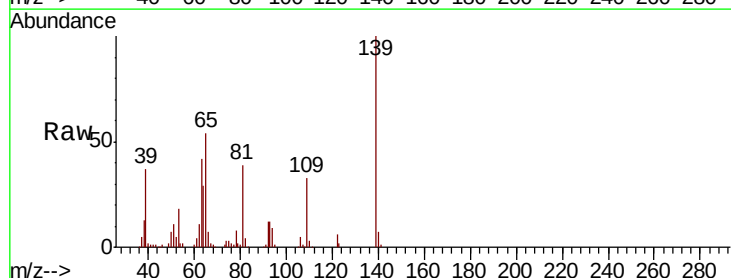
RT: 7.72 min Scan# 958

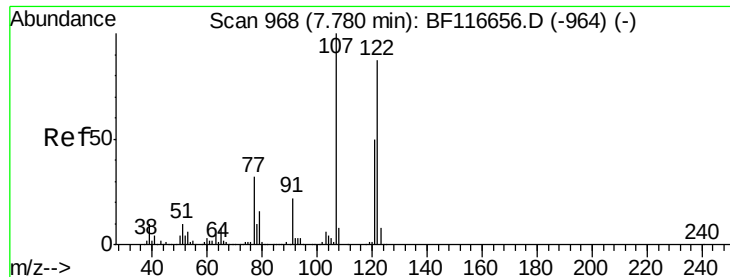
Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	139	Resp:	143284
Ion Ratio	Lower	Upper	
139	100		
109	32.9	26.2	39.4
65	54.2	42.5	63.7





#27

2,4-Dimethylphenol

Concen: 52.971 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

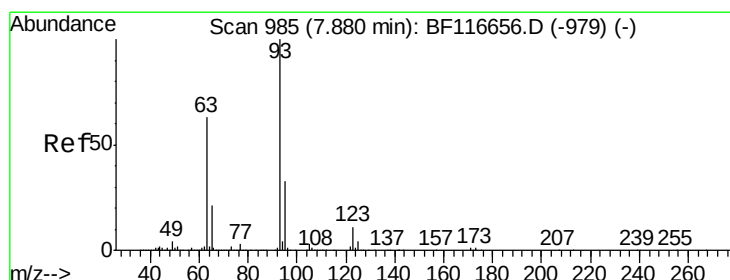
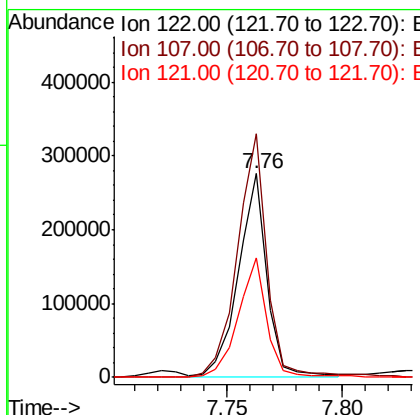
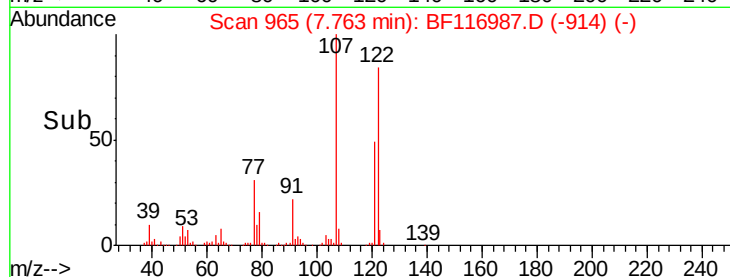
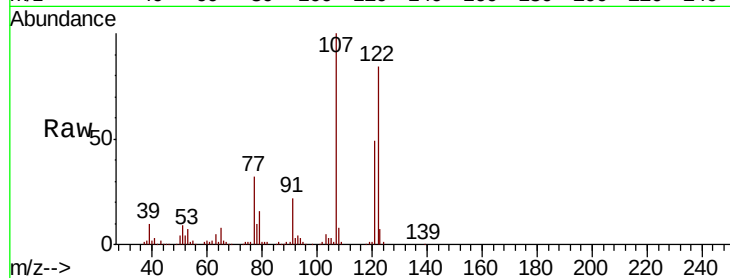
ClientSampleId :

PB122948BS

Tot Ion:	122	Resp:	238670
Ion Ratio	Lower	Upper	
122	100		
107	119.5	98.8	148.2
121	58.3	44.8	67.2

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#28

bis(2-Chloroethoxy)methane

Concen: 45.431 ng

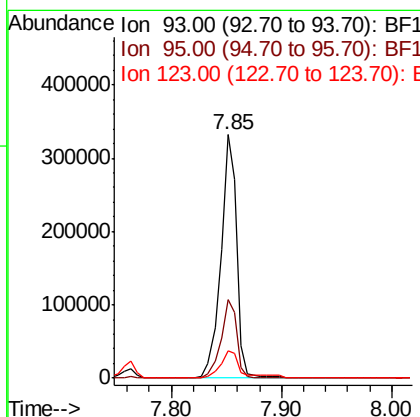
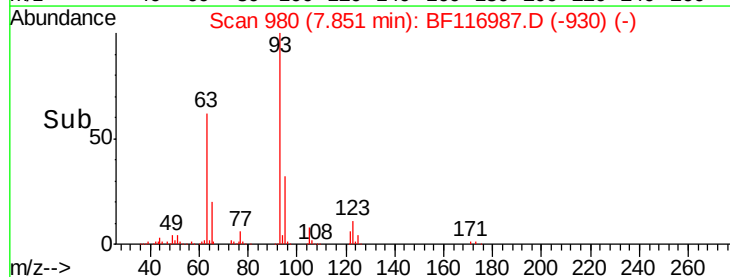
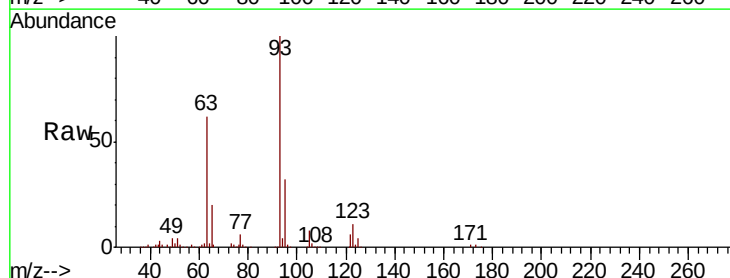
RT: 7.85 min Scan# 980

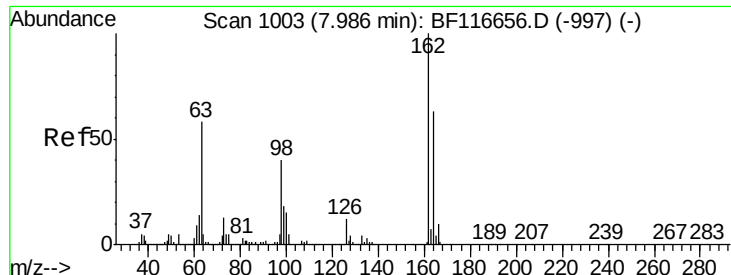
Delta R.T. -0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	93	Resp:	331925
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.2	39.2
123	11.0	9.7	14.5





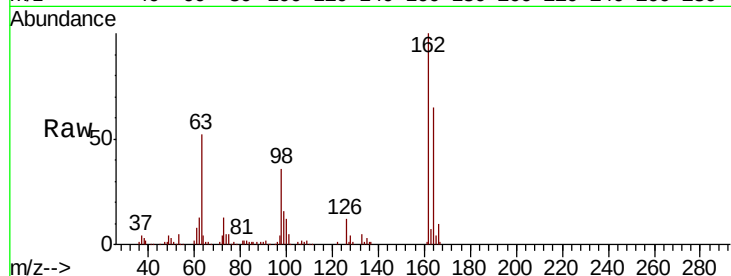
#29
2,4-Dichlorophenol
Concen: 51.410 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampled :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	222608		
164	65.0	43.8	83.8	
98	35.9	22.8	62.8	

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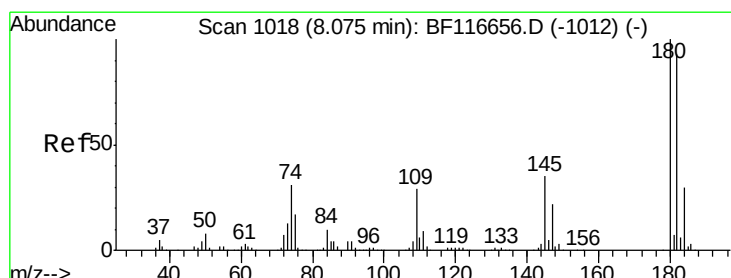
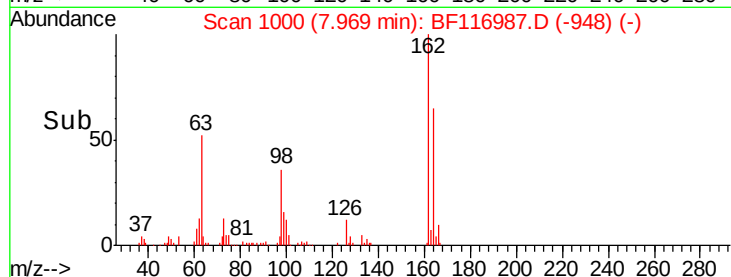
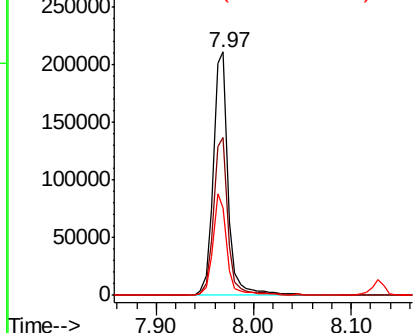


Abundance

Ion 162.00 (161.70 to 162.70): E

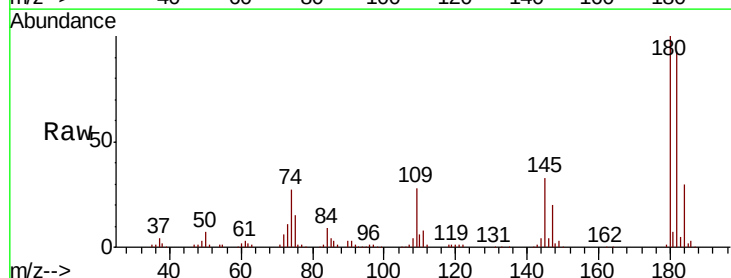
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 48.448 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227536		
182	93.2	77.3	115.9	
145	32.6	27.4	41.2	

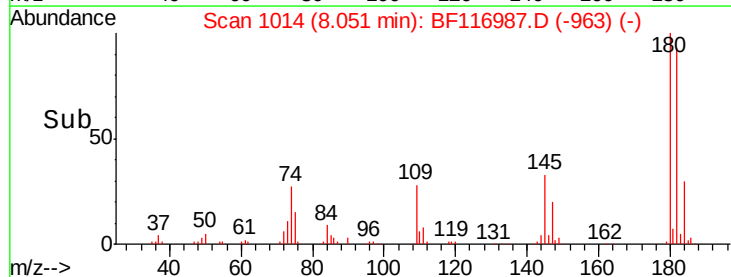
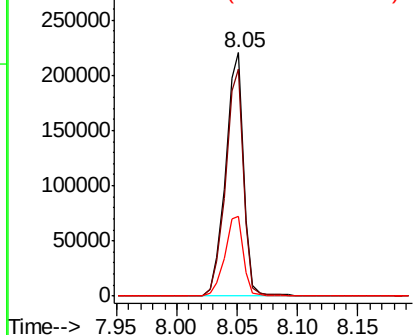


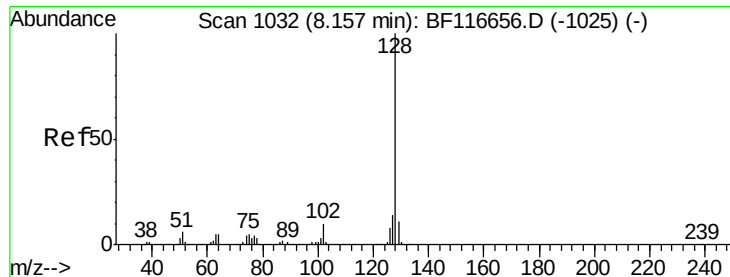
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





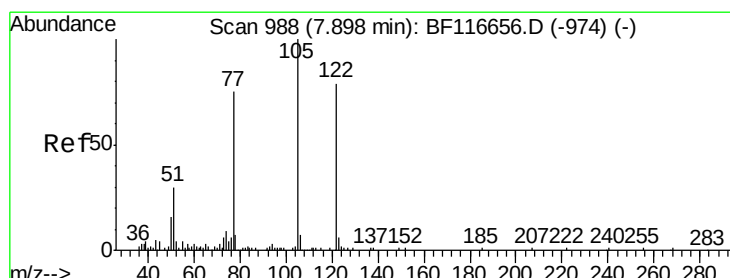
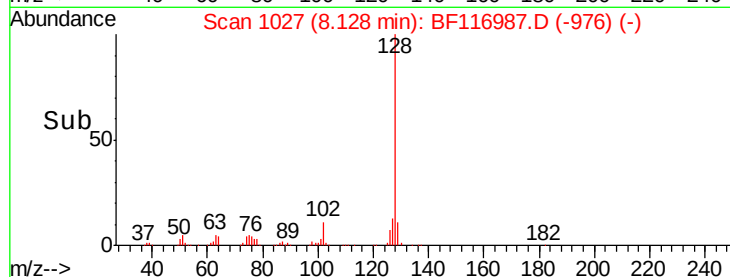
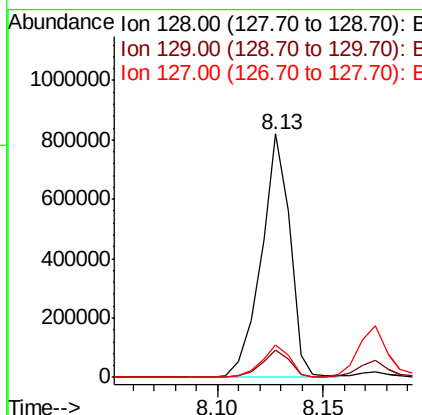
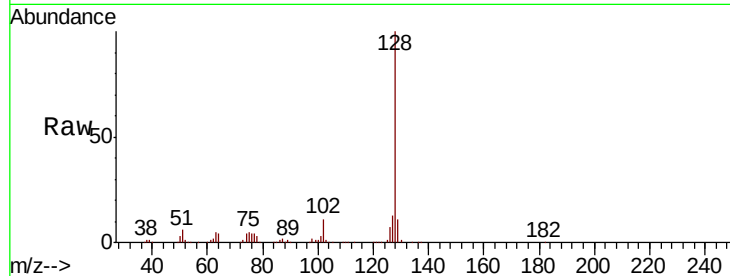
#31
Naphthalene
Concen: 48.347 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampled :
PB122948BS

Tot Ion:128	Resp:	774342
Ion Ratio	Lower	Upper
128 100		
129 11.2	9.2	13.8
127 13.1	10.6	16.0

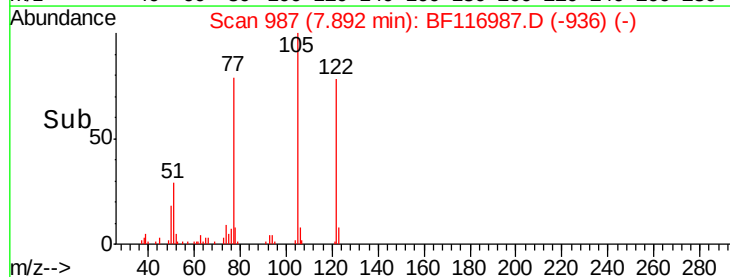
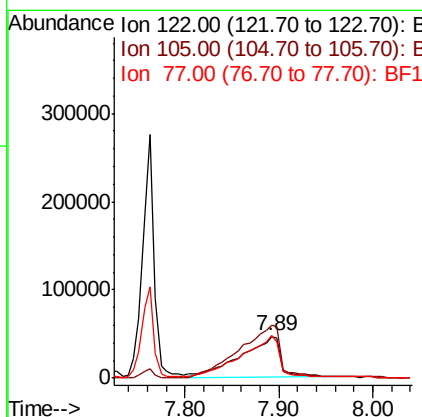
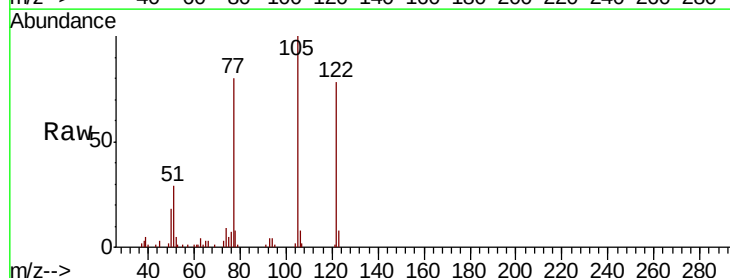
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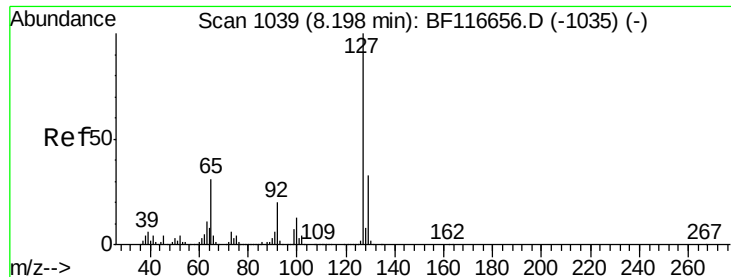
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#32
Benzoic acid
Concen: 53.378 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:122	Resp:	135797
Ion Ratio	Lower	Upper
122 100		
105 128.5	105.8	145.8
77 102.9	74.3	114.3





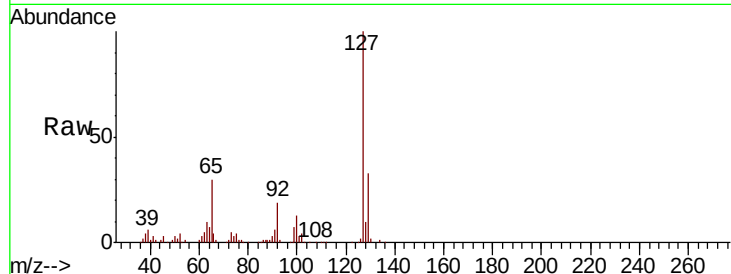
#33
4-Chloroaniline
Concen: 24.925 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampled :
PB122948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		181722		
129	32.8	25.8	38.8		
65	30.0	25.3	37.9		
92	18.6	16.0	24.0		

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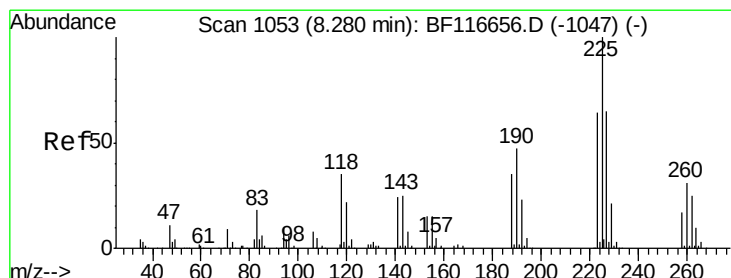
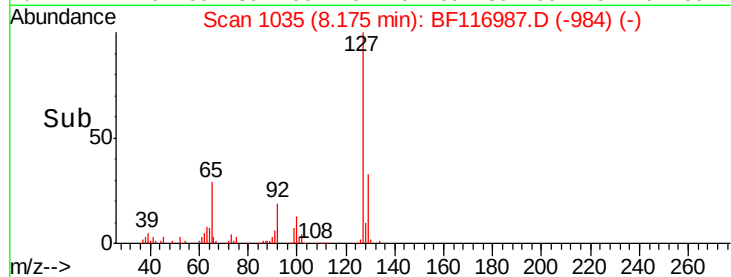
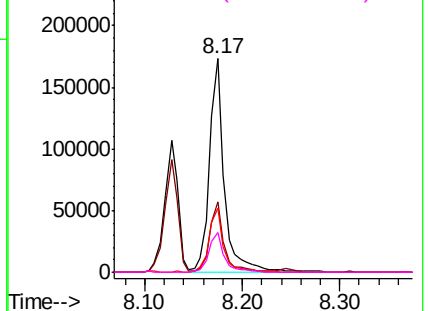
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

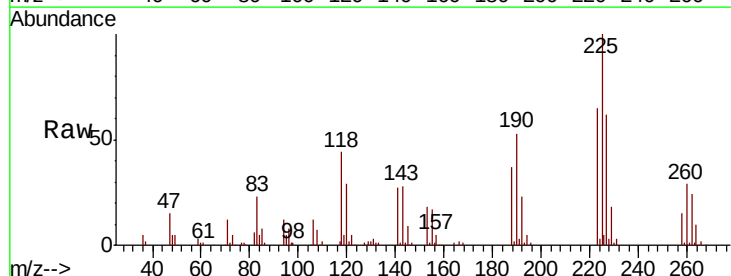
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 48.434 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		124028		
223	64.5	49.8	74.6		
227	62.2	50.6	75.8		

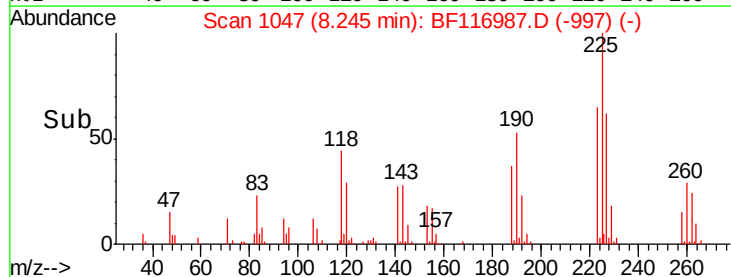
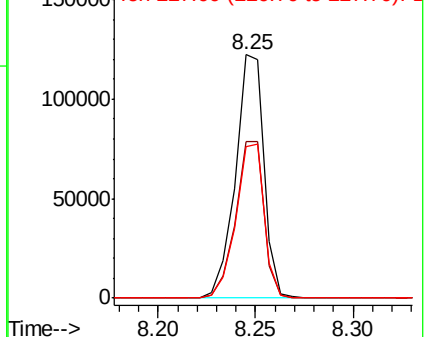


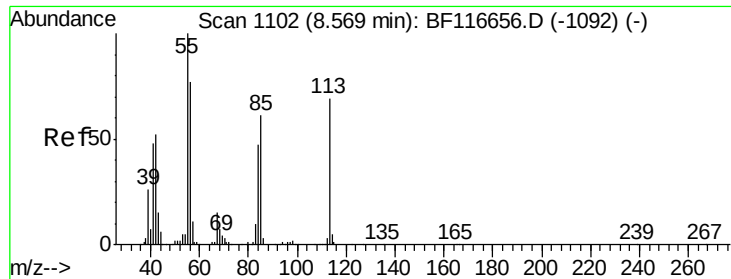
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





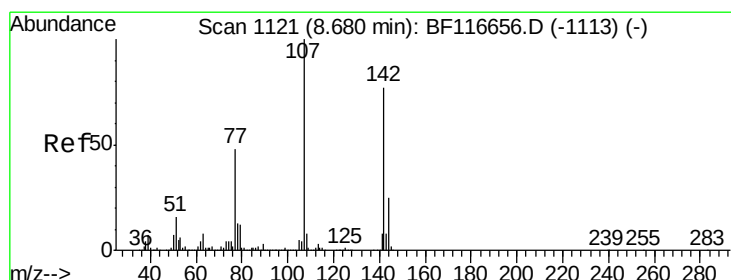
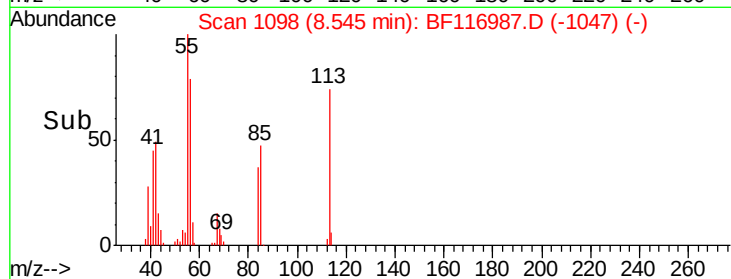
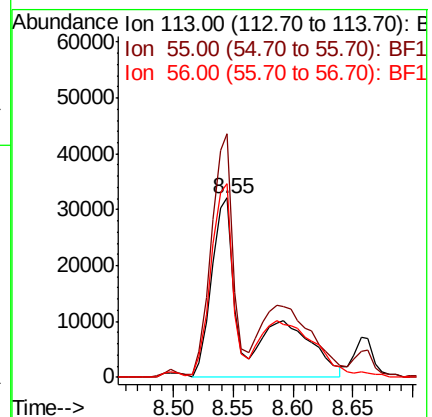
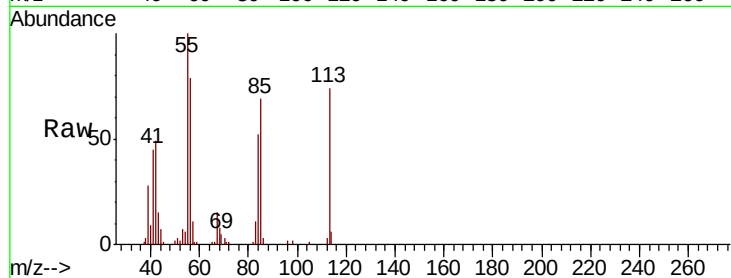
#35
 Caprolactam
 Concen: 43.400 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.8	116.6	156.6
56	107.8	91.3	131.3

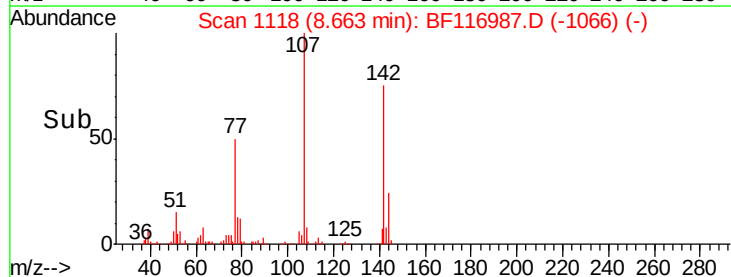
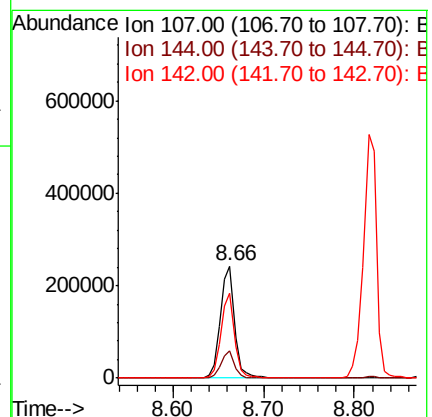
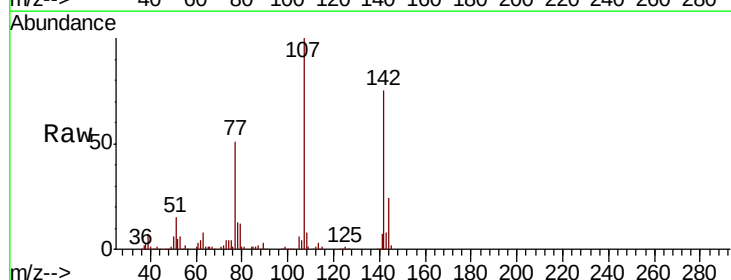
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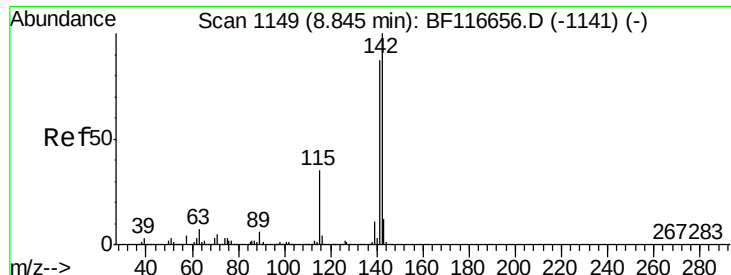
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#36
 4-Chloro-3-methylphenol
 Concen: 52.932 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.1	18.6	28.0
142	75.5	55.9	83.9





#37

2-Methylnaphthalene

Concen: 49.814 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

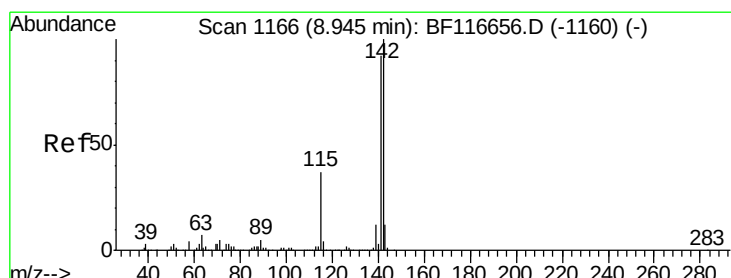
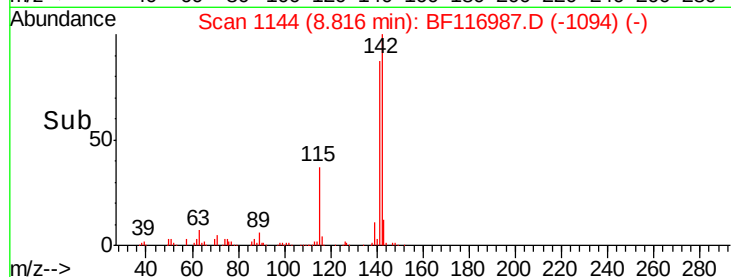
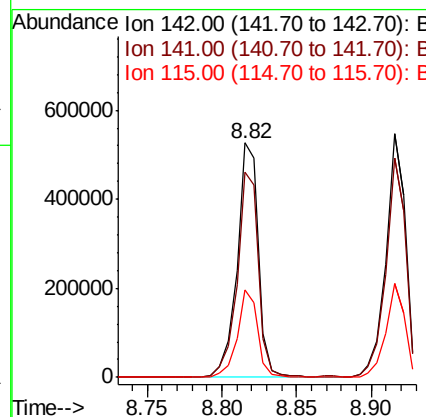
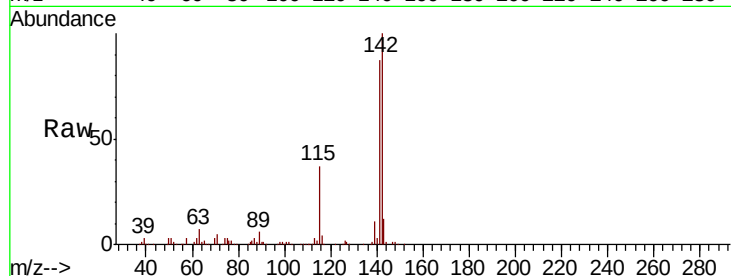
Instrument :
BNA_F

ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	530850		
141	87.3		70.5	105.7
115	37.2		27.7	41.5

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#38

1-Methylnaphthalene

Concen: 48.814 ng

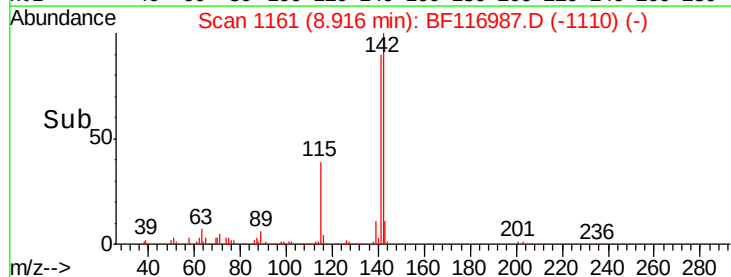
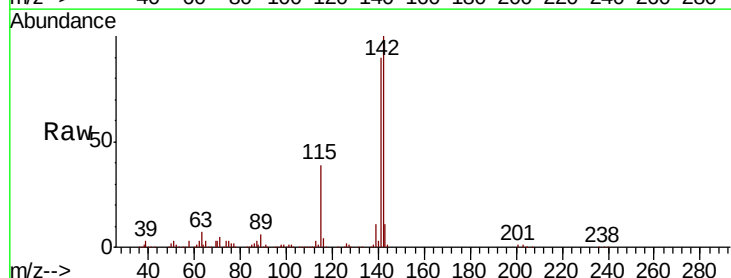
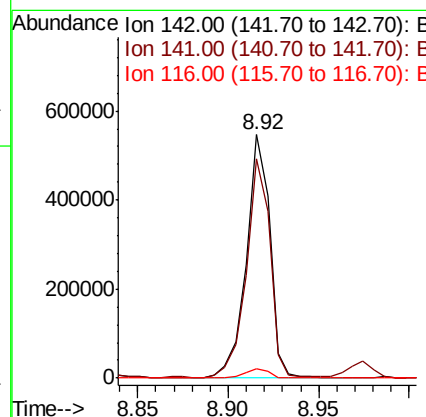
RT: 8.92 min Scan# 1161

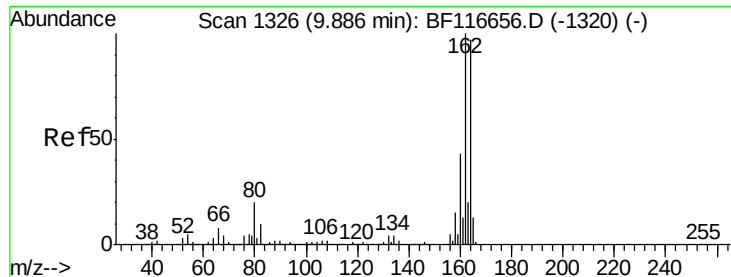
Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	491054		
141	90.3		71.9	107.9
116	3.9		3.2	4.8





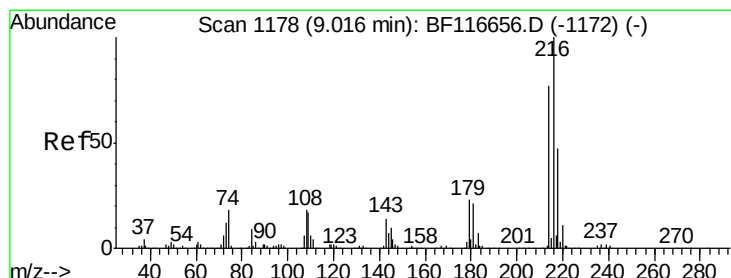
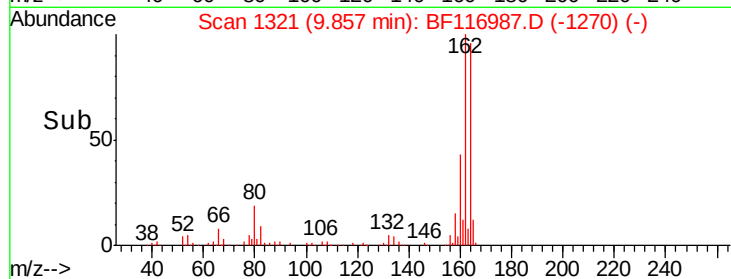
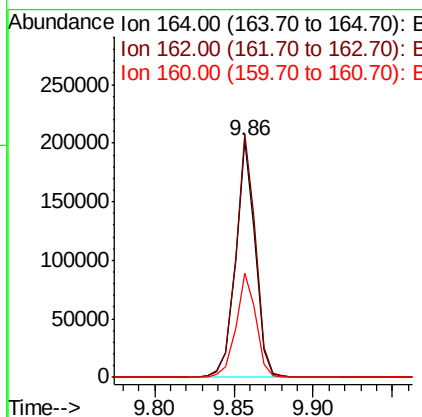
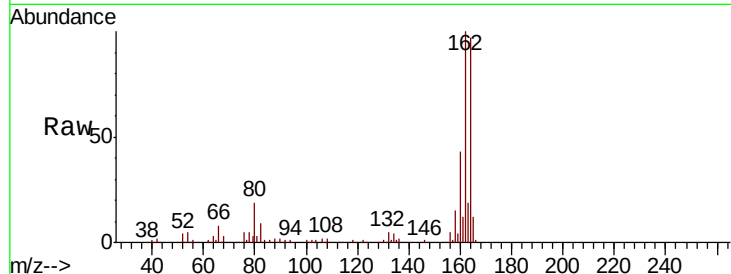
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	171670		
162	102.8	81.8	122.6	
160	44.1	35.7	53.5	

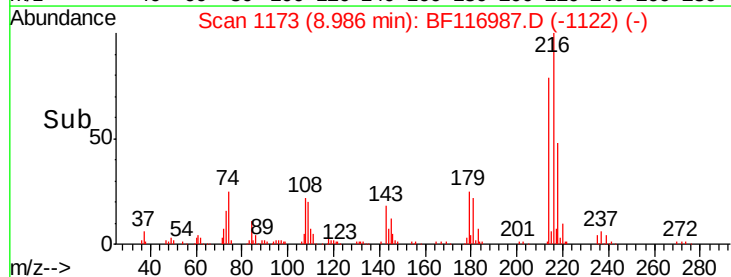
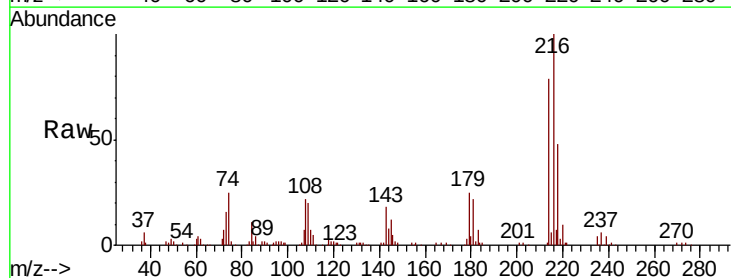
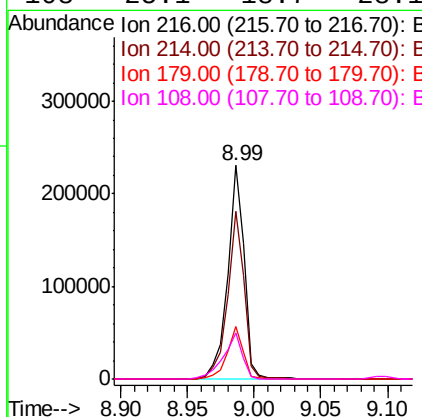
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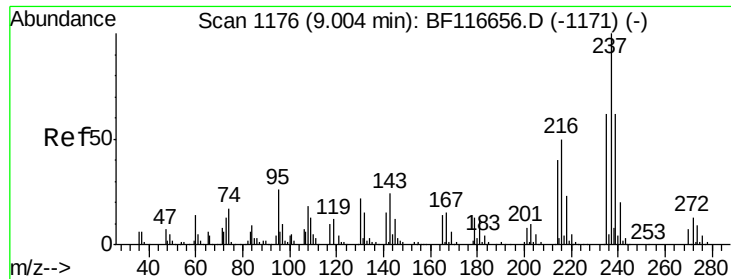
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.160 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	202306		
214	78.8	63.4	95.2	
179	24.0	19.3	28.9	
108	25.1	18.7	28.1	





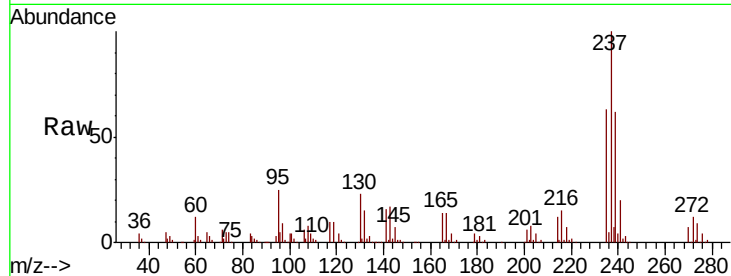
#41
Hexachlorocyclopentadiene
Concen: 93.093 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

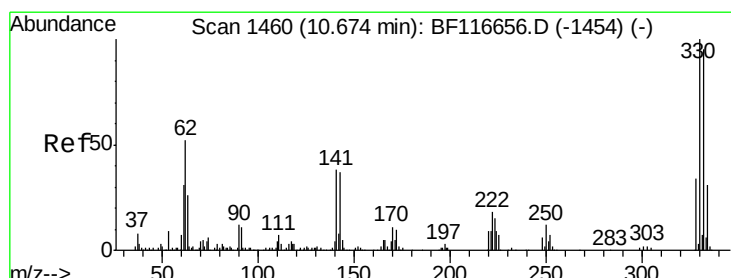
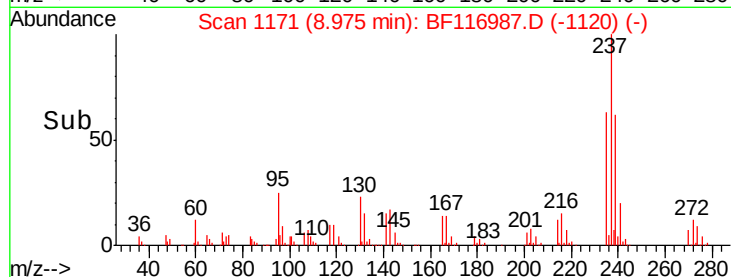
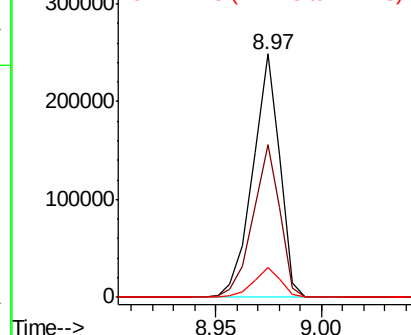
Tot Ion:	237	Resp:	221229
Ion Ratio	Lower	Upper	
237	100		
235	62.5	45.8	85.8
272	12.4	0.0	33.4

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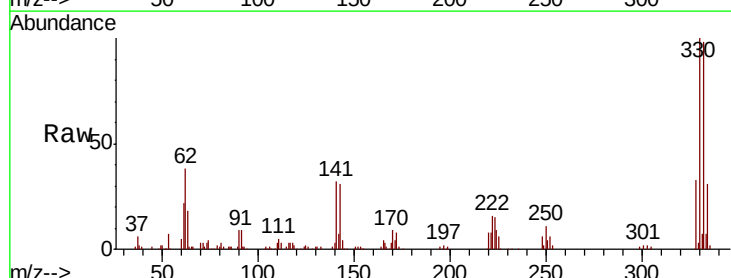


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

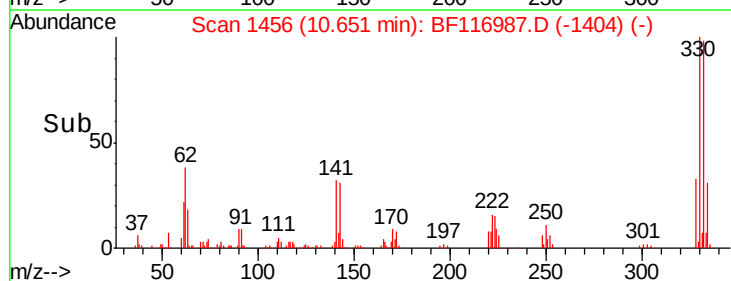
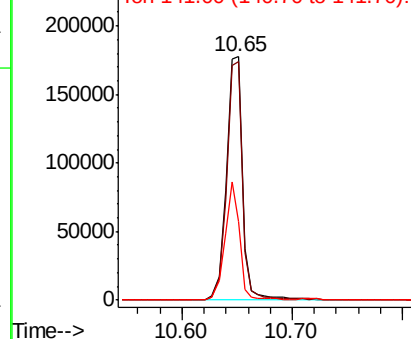


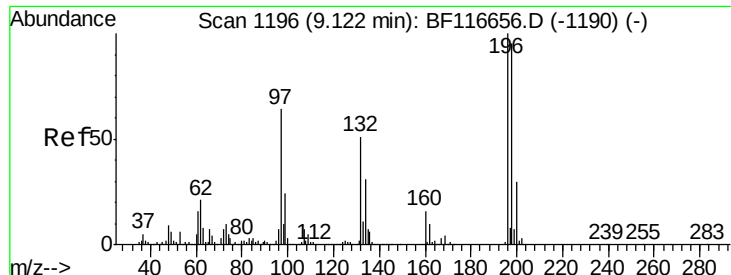
#42
2,4,6-Tribromophenol
Concen: 158.976 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion:	330	Resp:	182449
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.9	113.9
141	43.2	35.6	53.4



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





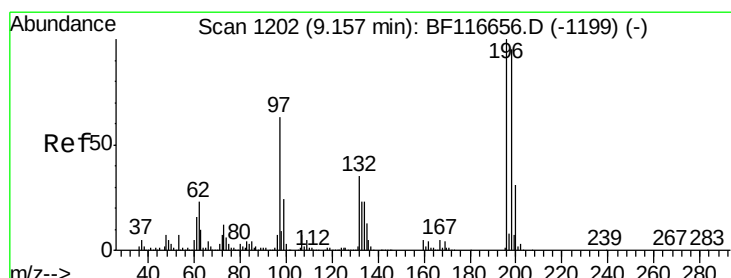
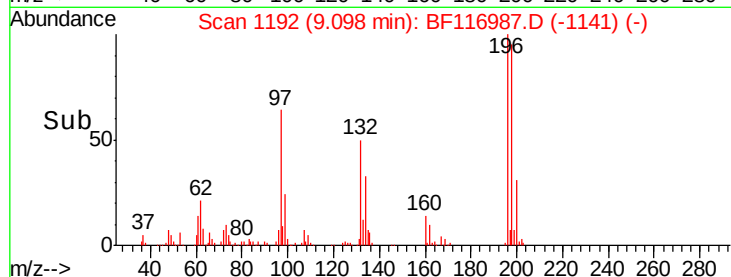
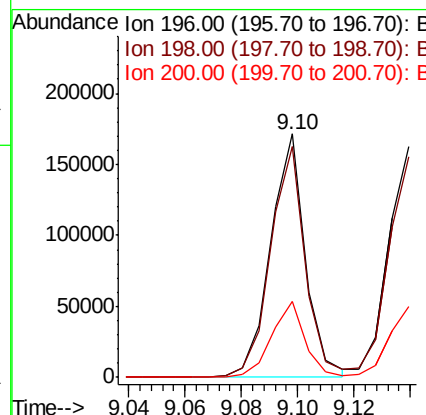
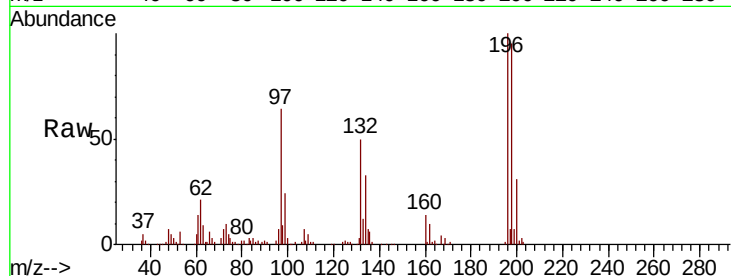
#43
2,4,6-Trichlorophenol
Concen: 51.640 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145676		
198	94.6	77.4	116.0	
200	31.1	24.1	36.1	

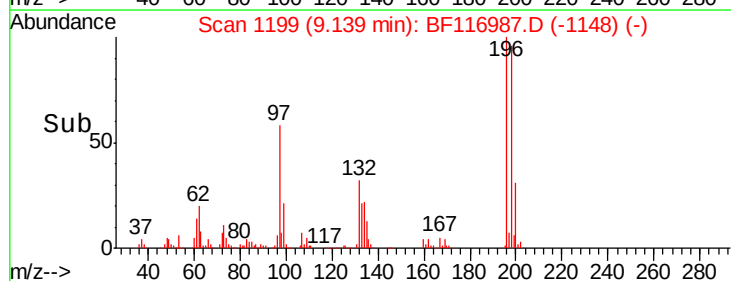
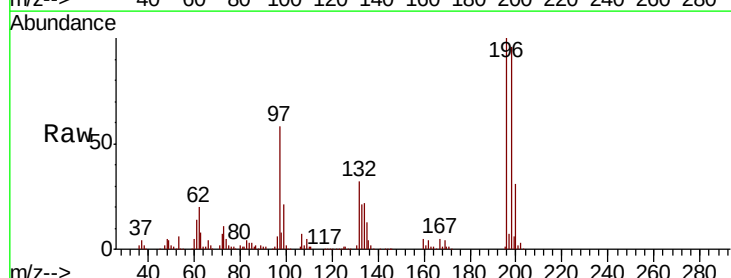
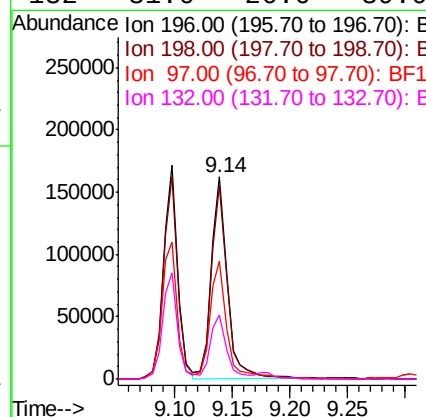
Manual Integrations
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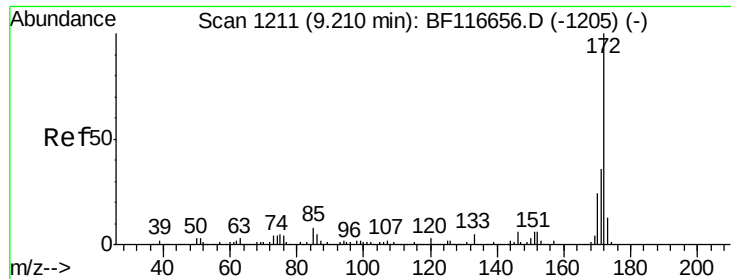
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 54.119 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158497		
198	95.7	74.7	112.1	
97	58.0	45.4	68.0	
132	31.6	26.0	39.0	





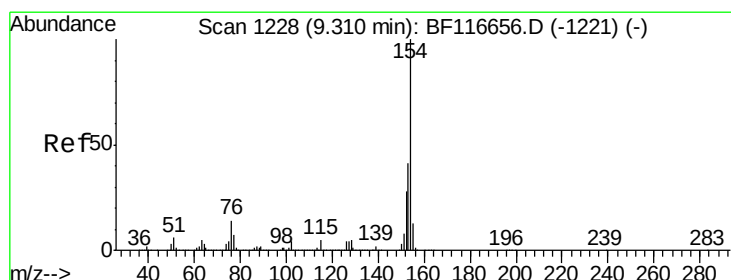
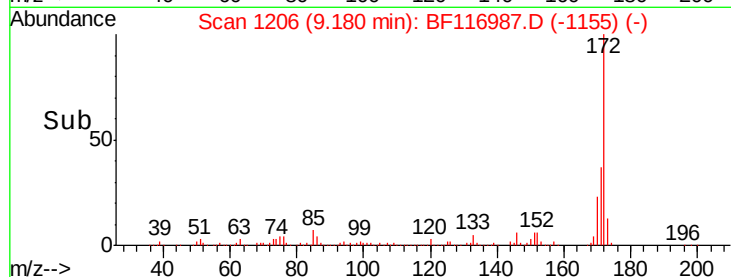
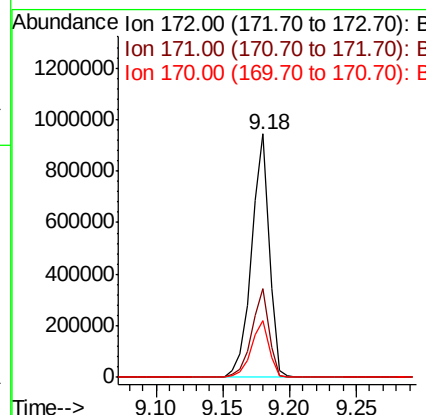
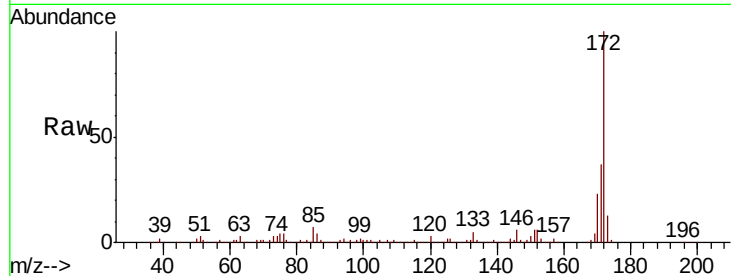
#45
2-Fluorobiphenyl
Concen: 84.005 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	854895		
171	36.6	29.1	43.7	
170	23.1	19.2	28.8	

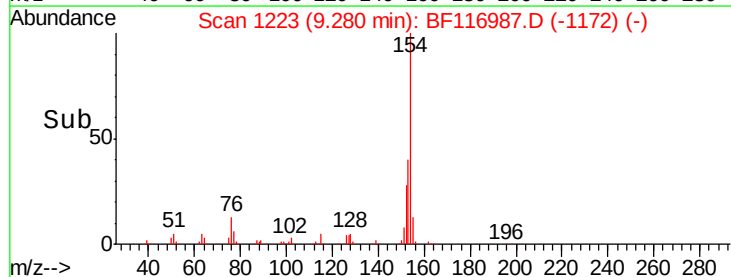
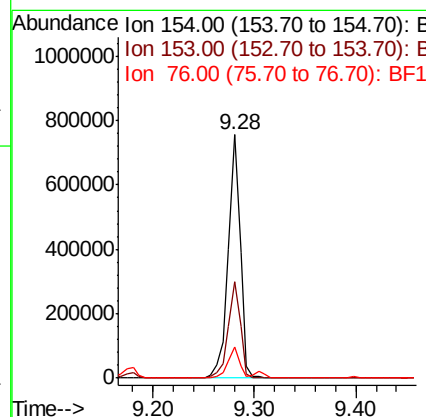
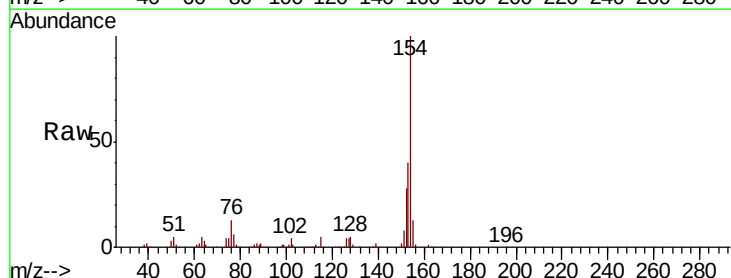
Manual Integrations
APPROVED

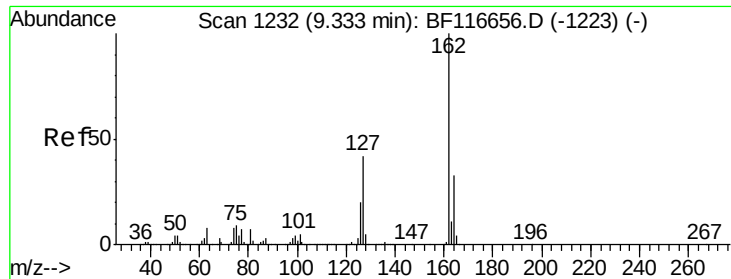
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#46
1,1'-Biphenyl
Concen: 48.000 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	625274		
153	39.6	19.8	59.8	
76	12.6	0.0	32.8	





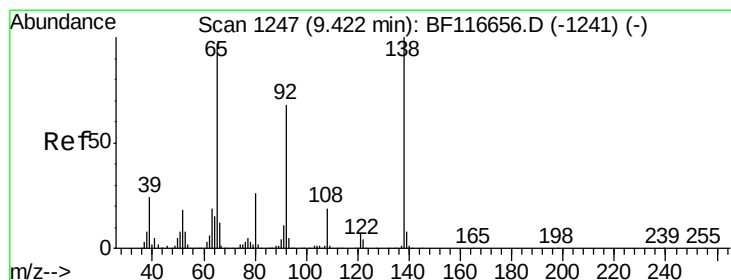
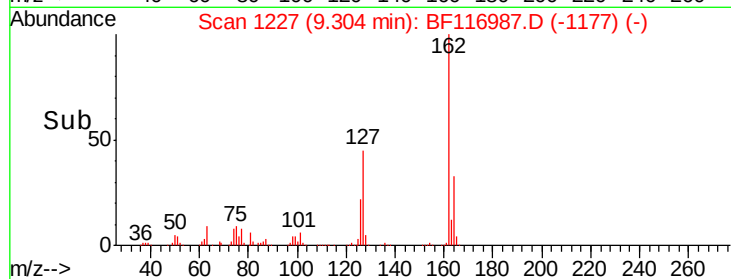
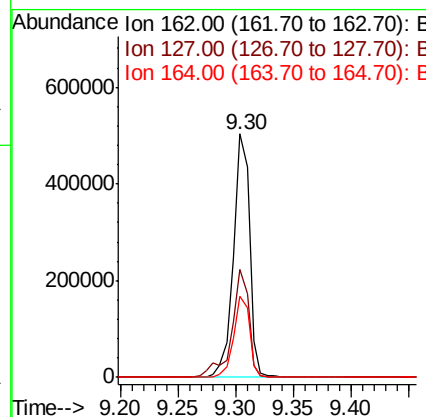
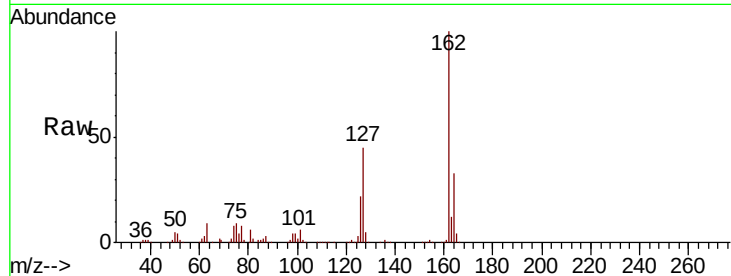
#47
2-Chloronaphthalene
Concen: 47.434 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	489397		
127	44.6	32.7	49.1	
164	33.3	27.0	40.4	

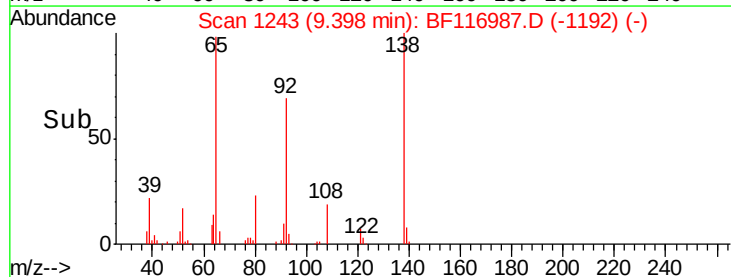
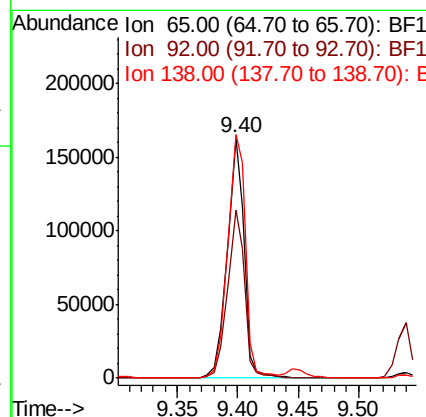
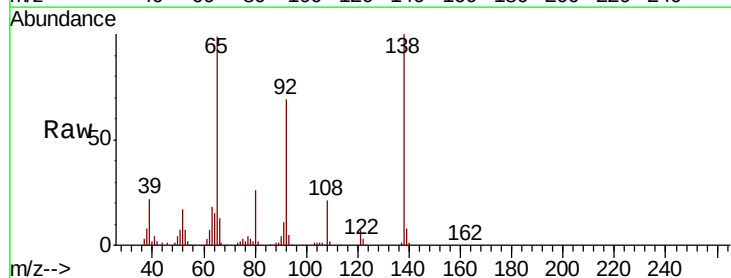
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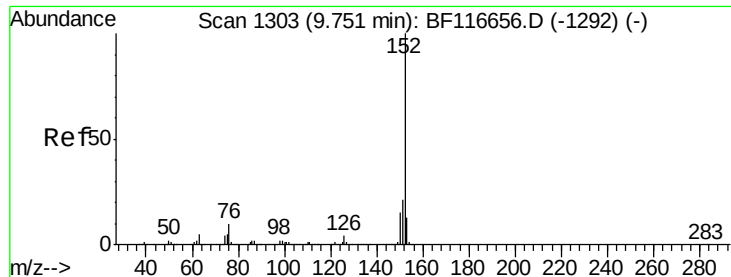
mohammad
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#48
2-Nitroaniline
Concen: 52.478 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	156533		
92	70.2	59.0	88.6	
138	101.5	84.2	126.2	





#49

Acenaphthylene

Concen: 49.682 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

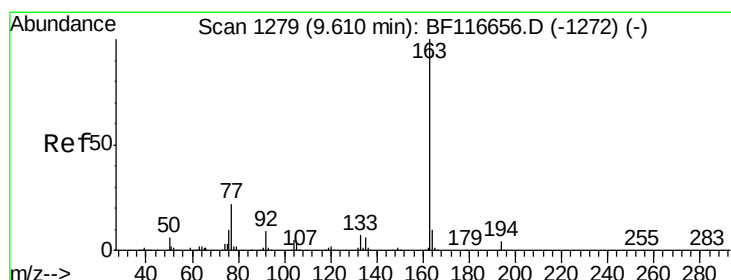
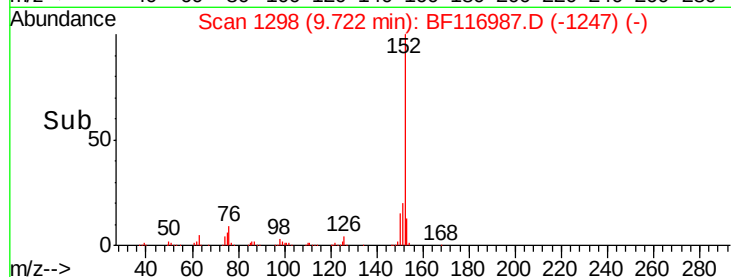
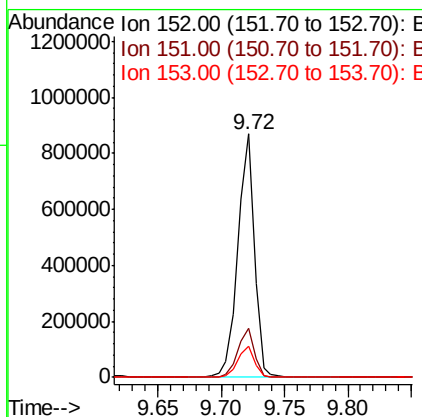
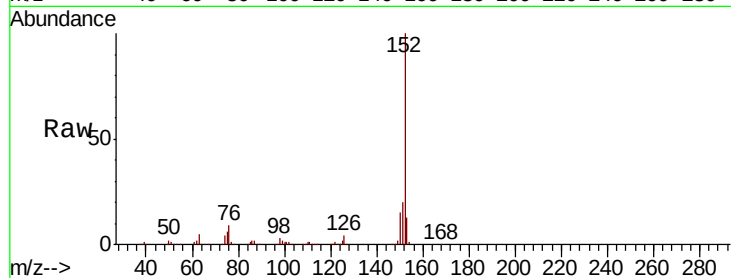
ClientSampleId :

PB122948BS

Tot Ion:	152	Resp:	774859
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.1	24.1
153	12.8	10.3	15.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.807 ng

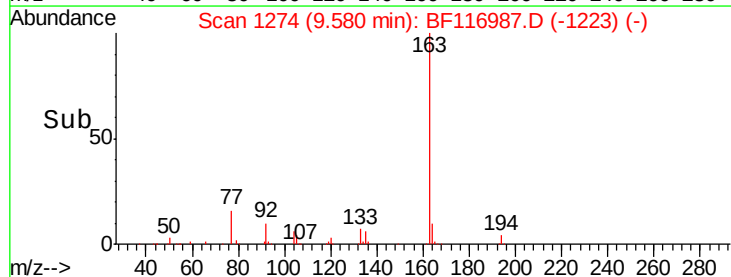
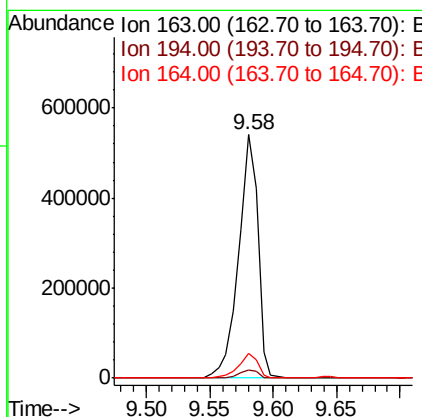
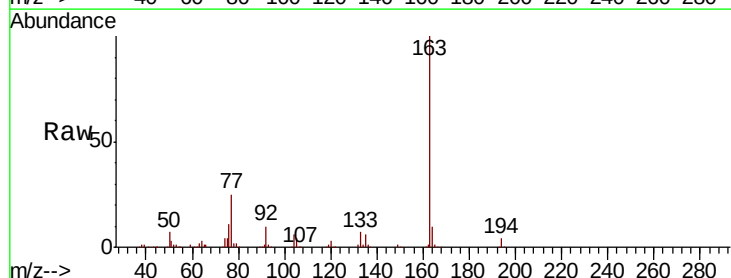
RT: 9.58 min Scan# 1274

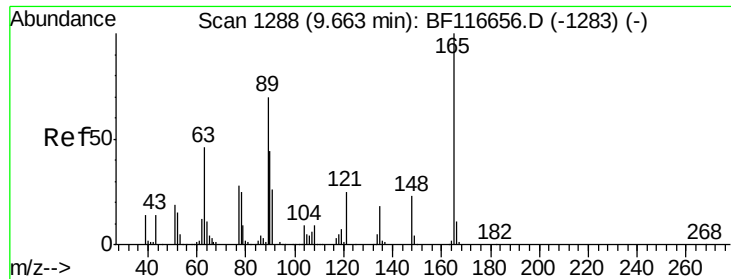
Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	163	Resp:	566605
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.2	8.2	12.4





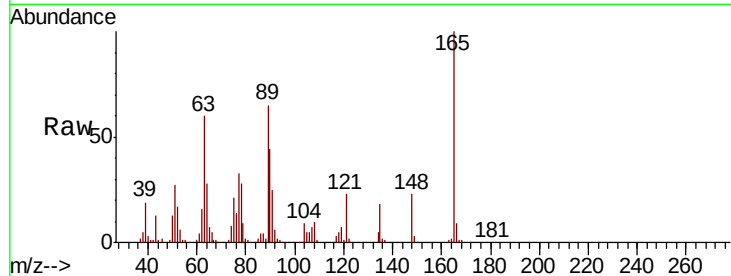
#51
 2,6-Dinitrotoluene
 Concen: 56.577 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	127936		
63	59.6	38.0	57.0#	
89	65.0	44.1	66.1	

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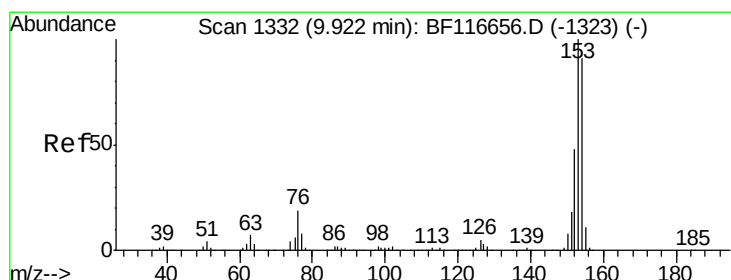
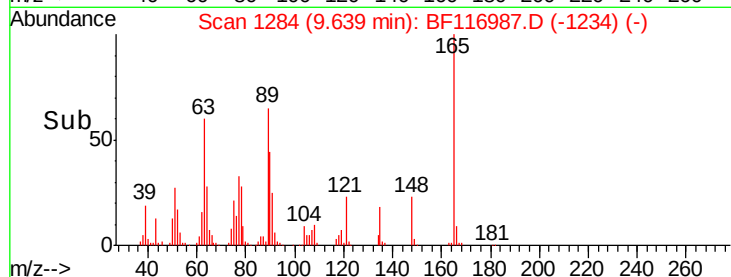
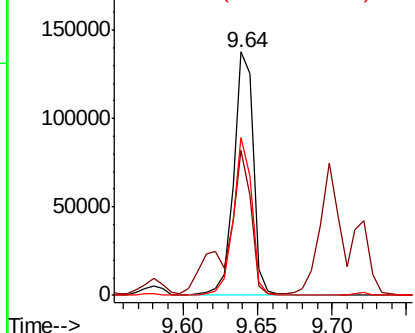


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 46.196 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

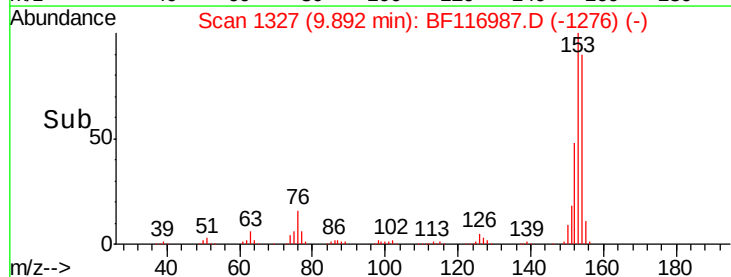
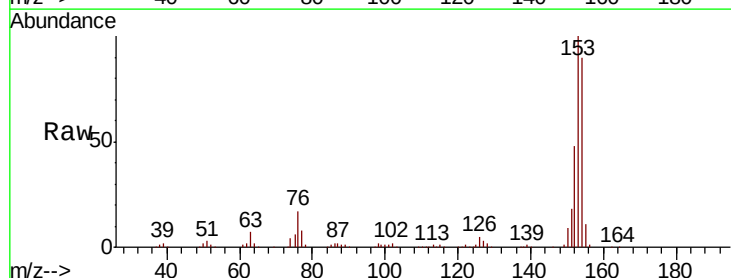
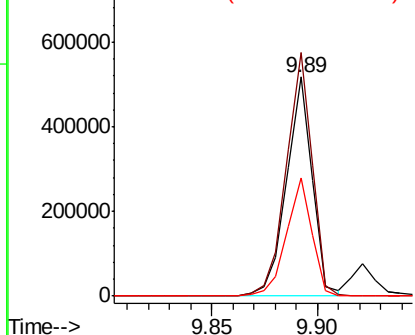
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	442692		
153	111.3	89.9	134.9	
152	53.8	42.6	63.8	

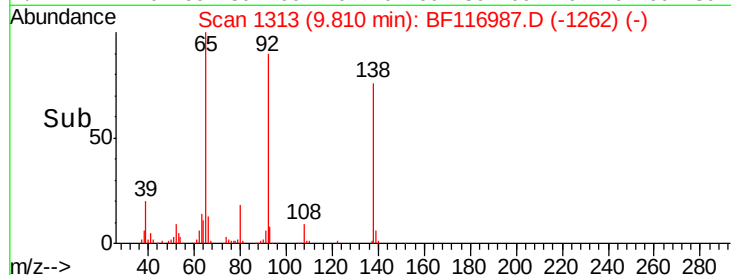
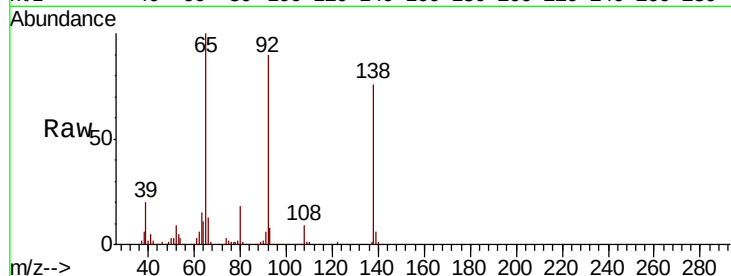
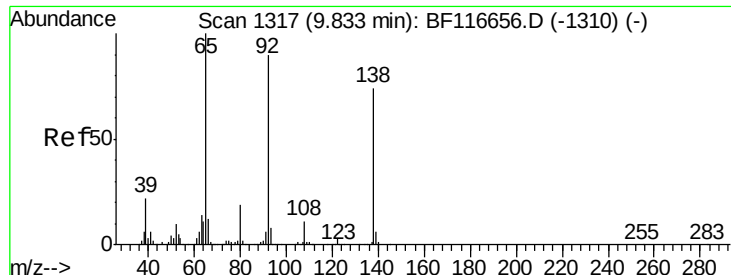
Abundance

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





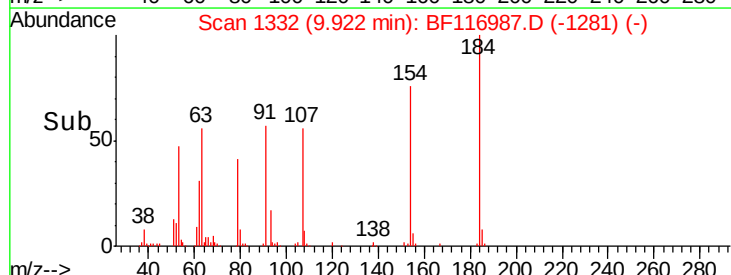
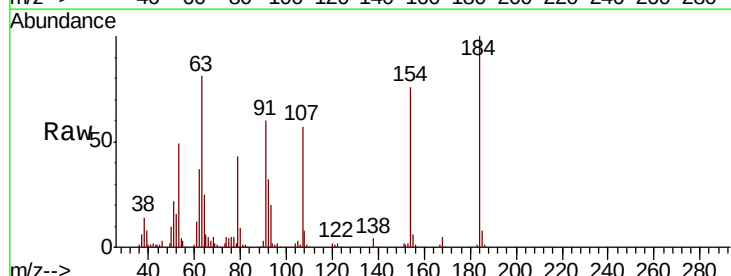
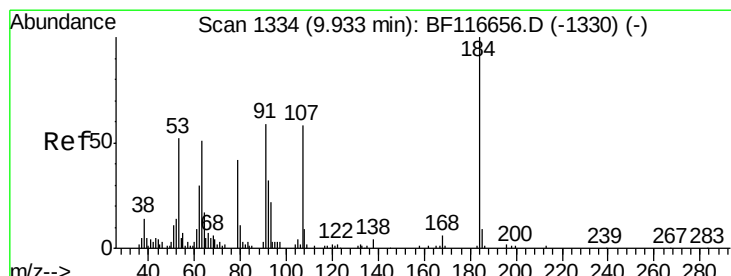
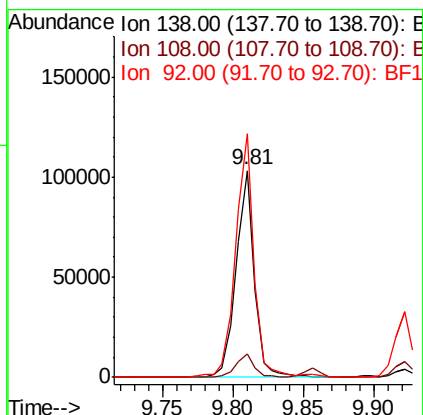
#53
3-Nitroaniline
Concen: 32.739 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.3	13.9
92	117.9	98.9	148.3

Instrument :
BNA_F
ClientSampleId :
PB122948BS

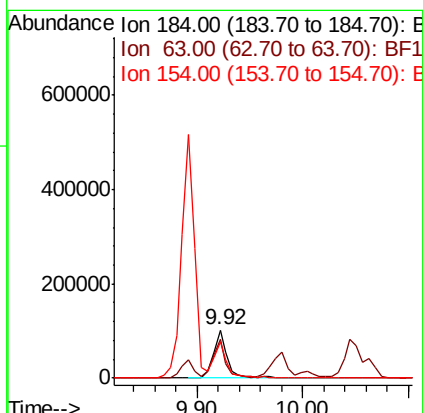
Manual Integrations
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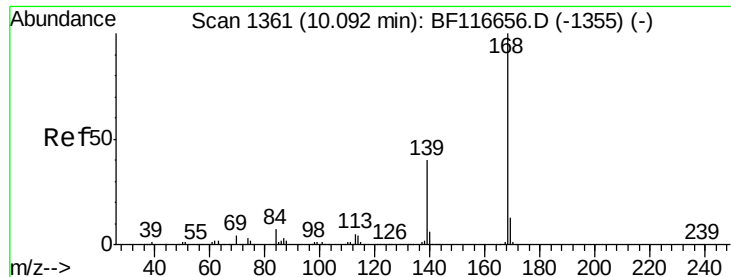
mohammad
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#54
2,4-Dinitrophenol
Concen: 115.131 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.7	49.0	73.4#
154	75.7	58.3	87.5





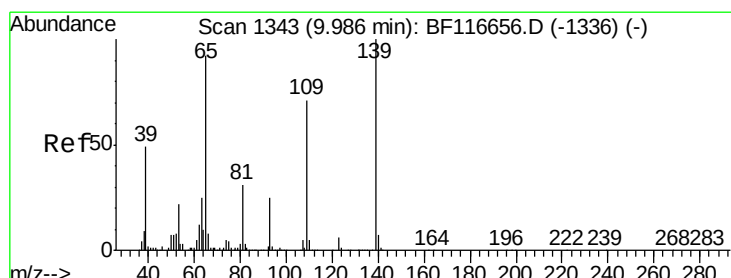
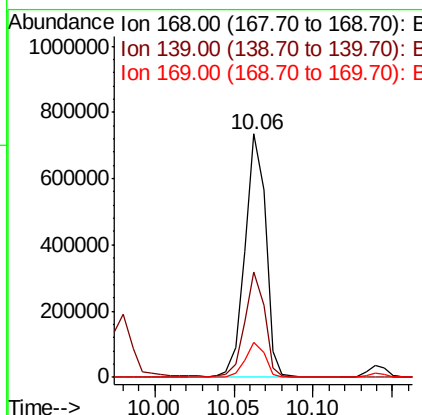
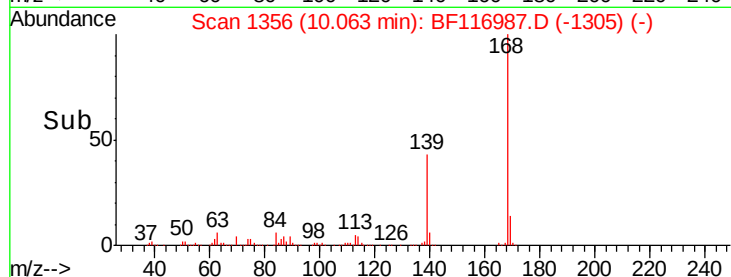
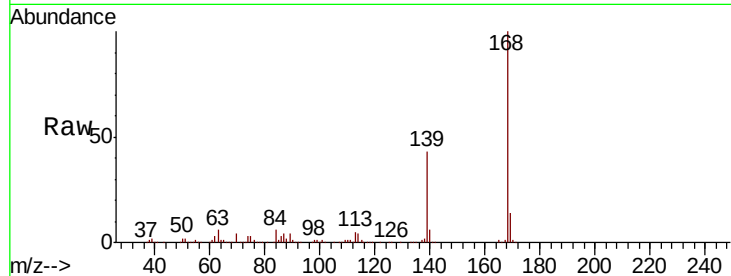
#55
Dibenzofuran
Concen: 49.398 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampled :
PB122948BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.3	34.2	51.4
169	14.1	11.0	16.4

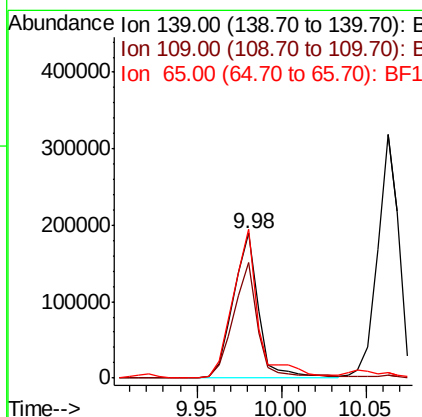
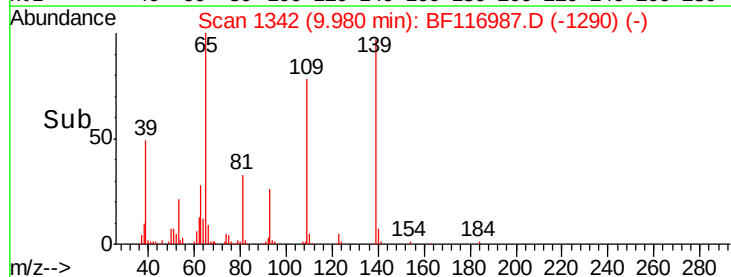
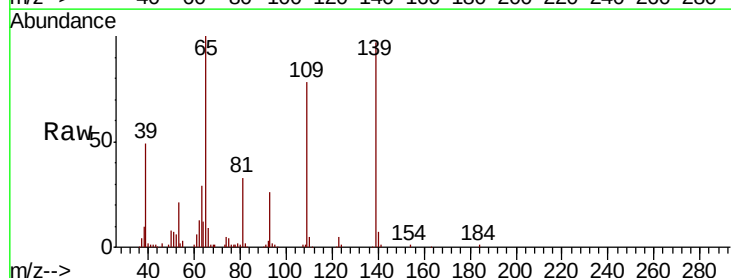
Manual Integrations
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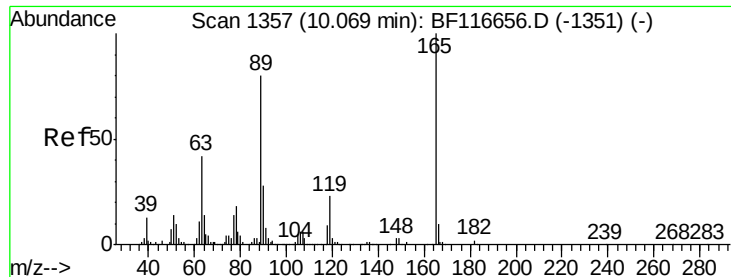
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#56
4-Nitrophenol
Concen: 102.536 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.0	54.0	94.0
65	102.7	74.0	114.0





#57

2,4-Dinitrotoluene

Concen: 60.601 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

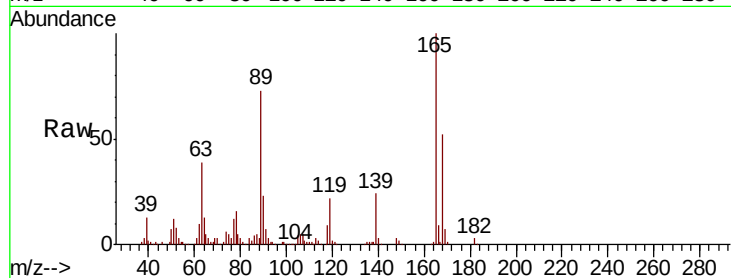
ClientSampled :

PB122948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		167562		
63	39.4		36.2	54.2	
89	73.1		66.1	99.1	
182	2.7		1.8	2.8	

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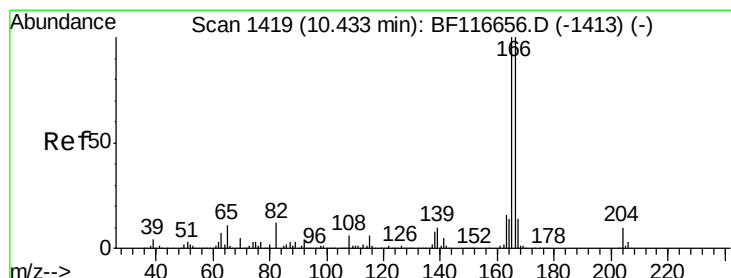
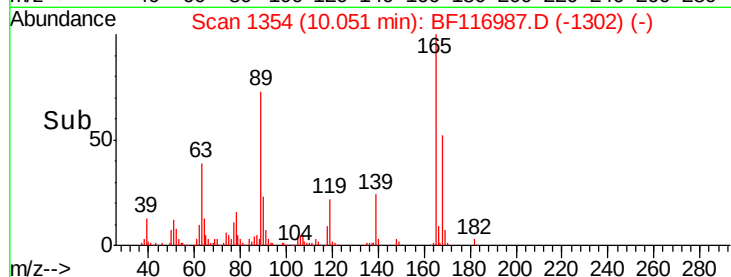
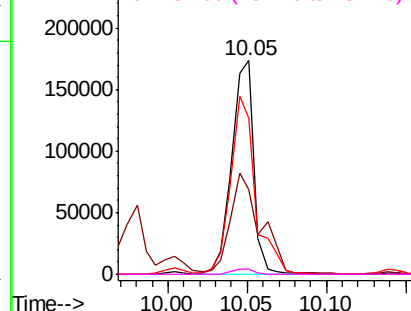
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.729 ng

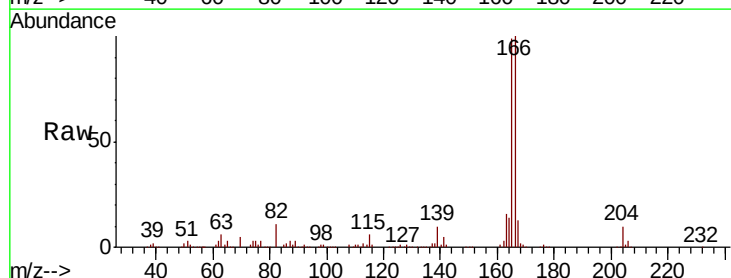
RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		532471		
165	98.6		77.0	115.6	
167	13.2		10.7	16.1	

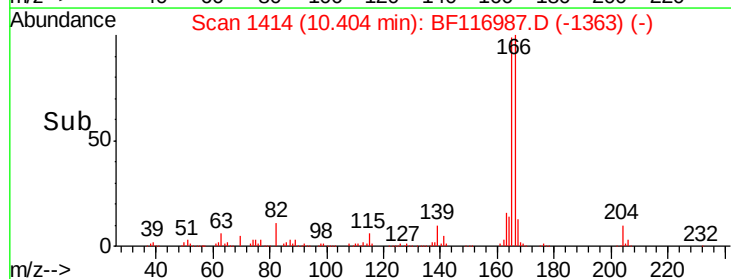
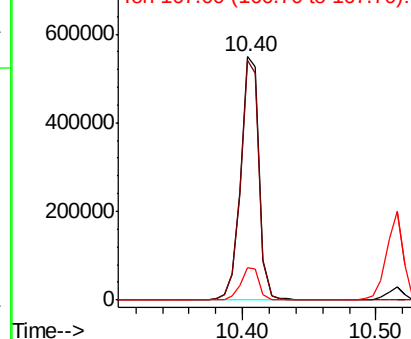


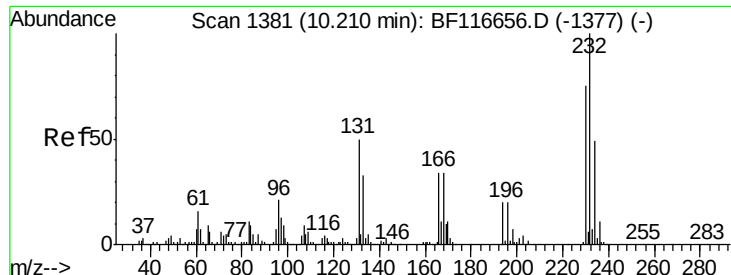
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





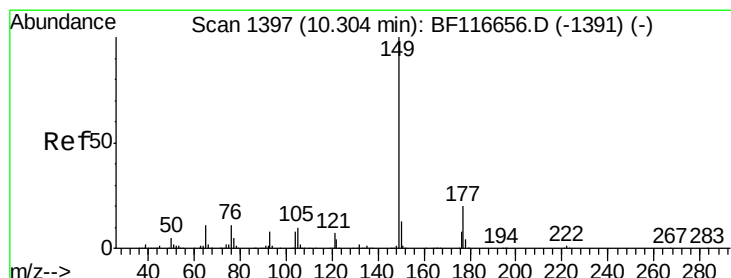
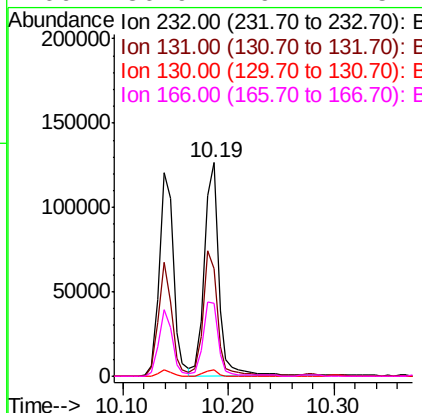
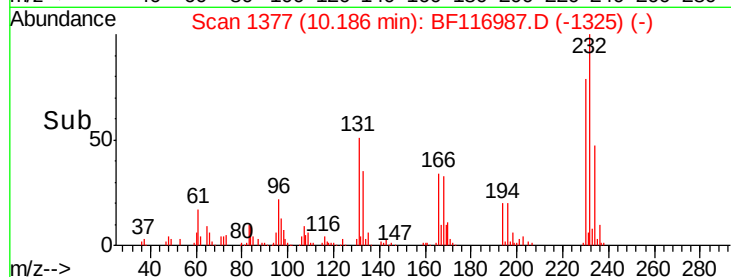
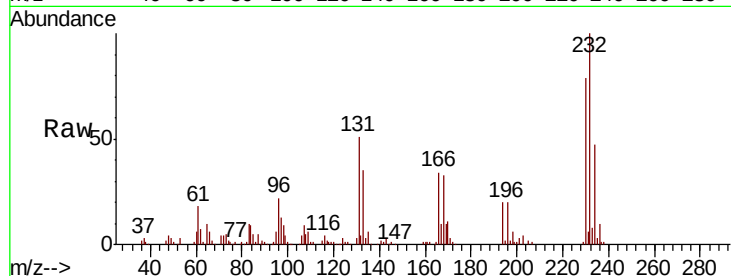
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.159 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	120814		
131	57.4		46.1	69.1
130	2.5		2.2	3.4
166	36.9		29.1	43.7

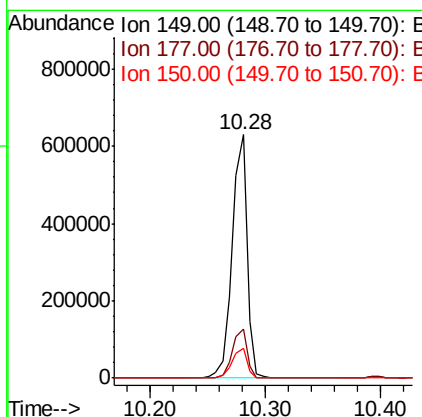
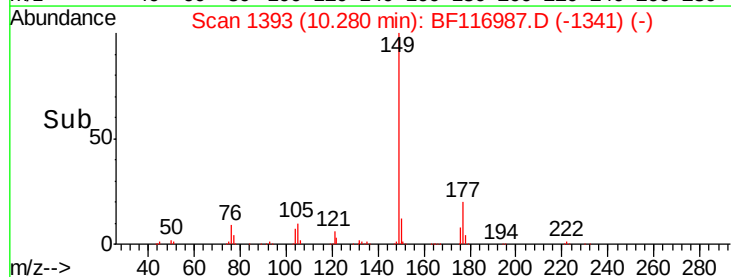
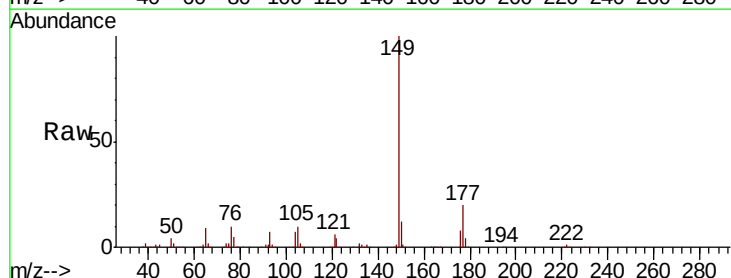
Manual Integrations
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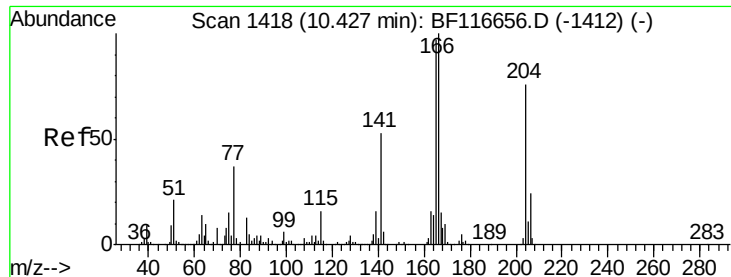
mohammad
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#60
Diethylphthalate
Concen: 47.407 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	562819		
177	20.2		15.9	23.9
150	12.4		10.0	15.0





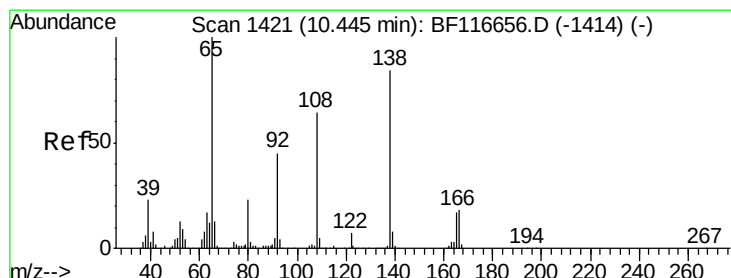
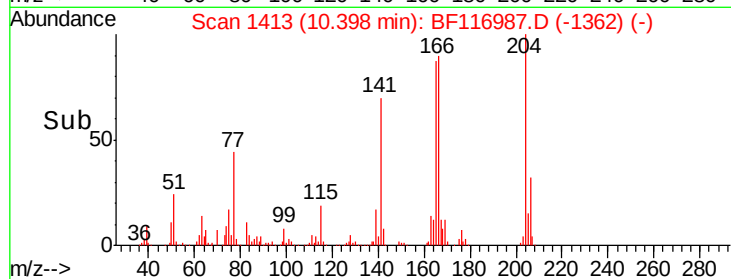
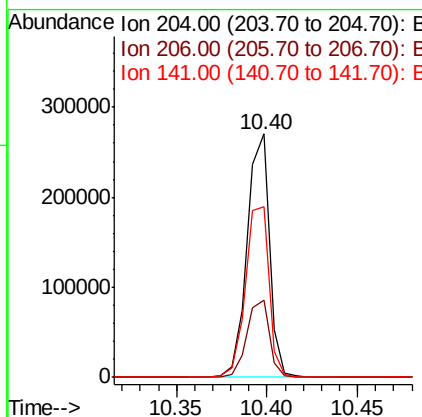
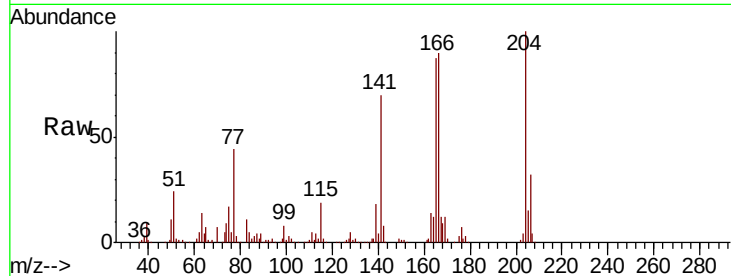
#61
 4-Chlorophenyl-phenylether
 Concen: 51.282 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Tot Ion:	204	Resp:	231153
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.2	39.2
141	70.1	58.0	87.0

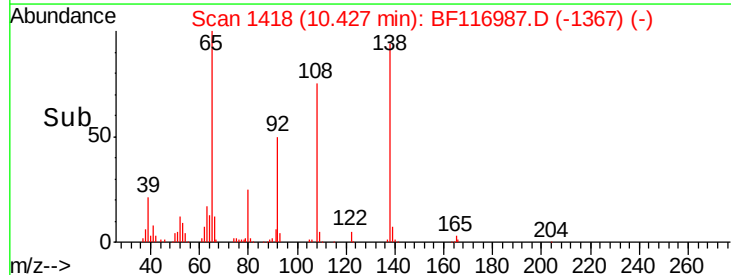
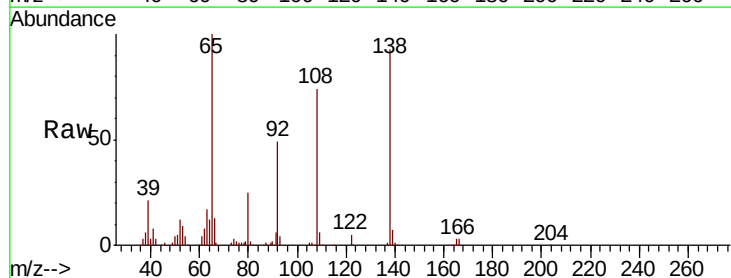
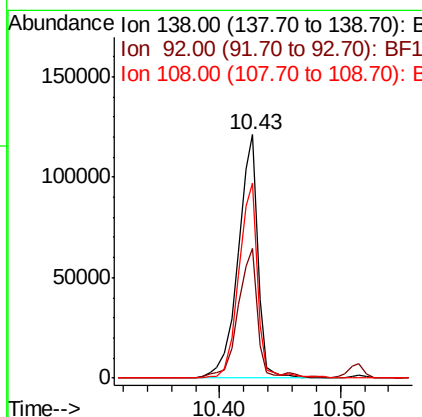
Manual Integrations
 APPROVED

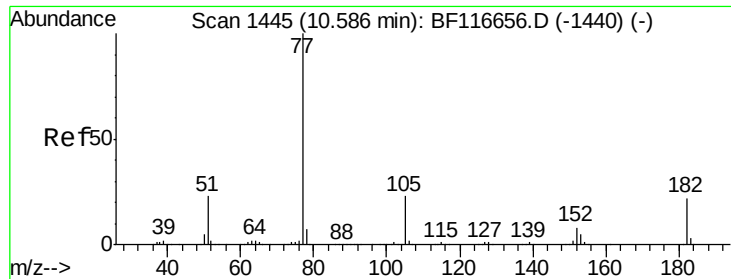
mohammad
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#62
 4-Nitroaniline
 Concen: 50.472 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion:	138	Resp:	138805
Ion Ratio	Lower	Upper	
138	100		
92	53.3	31.0	71.0
108	79.8	59.1	99.1





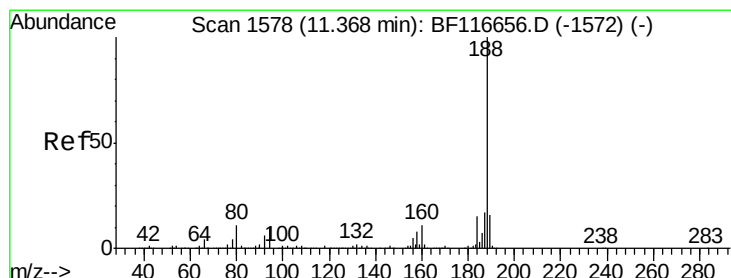
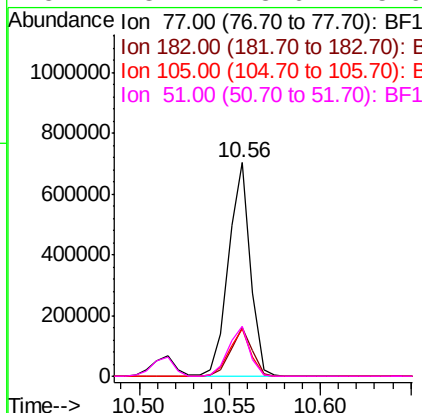
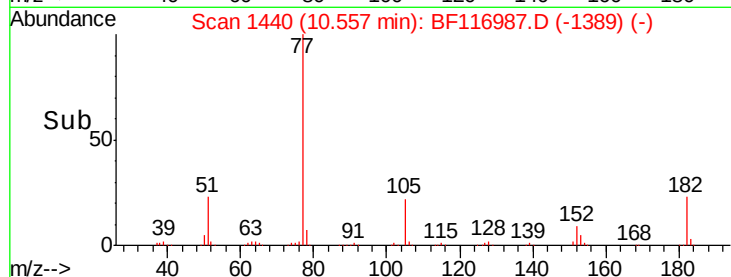
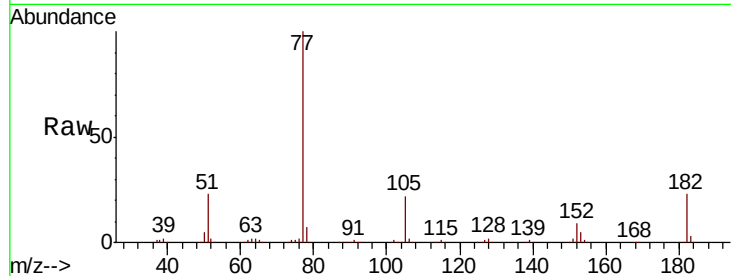
#63
Azobenzene
Concen: 47.544 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.5	1.9	41.9		
105	22.1	1.5	41.5		
51	23.4	3.6	43.6		

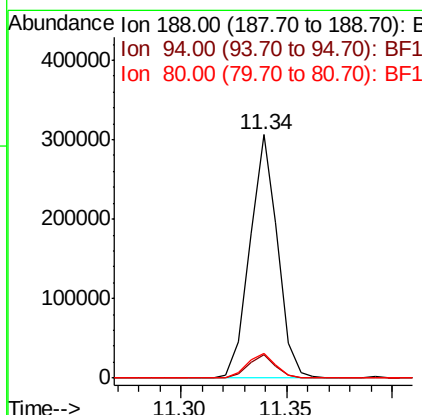
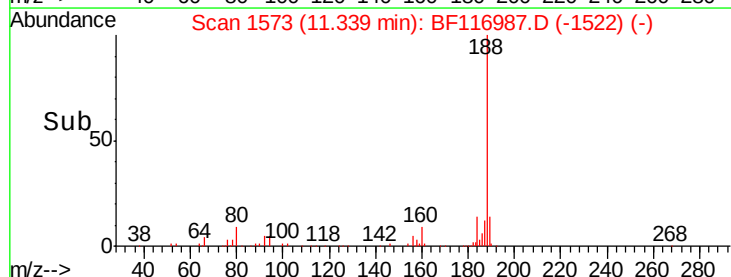
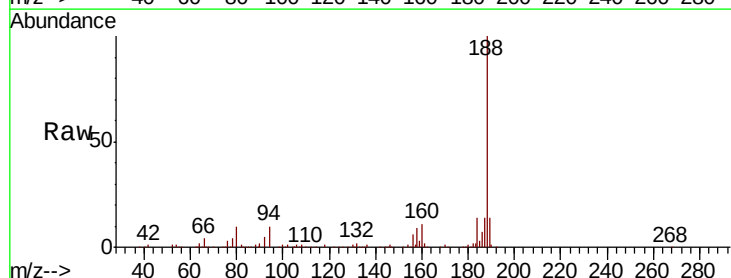
Manual Integrations
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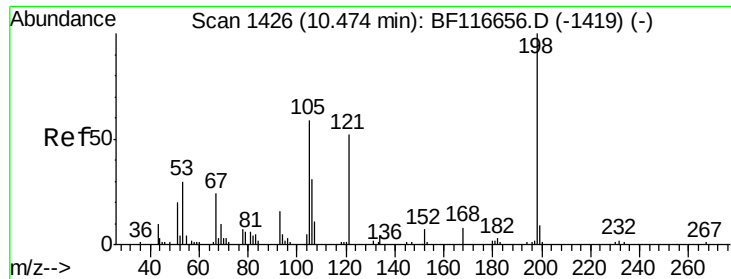
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.6	7.4	11.2		
80	10.0	8.5	12.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 63.683 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

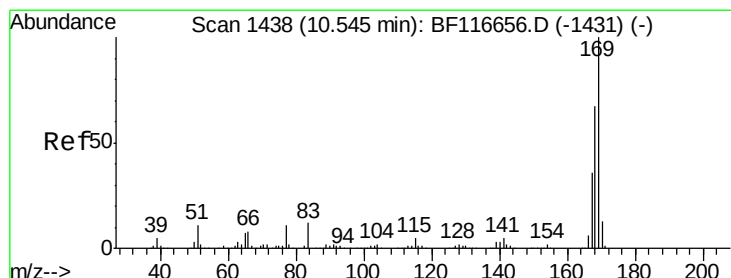
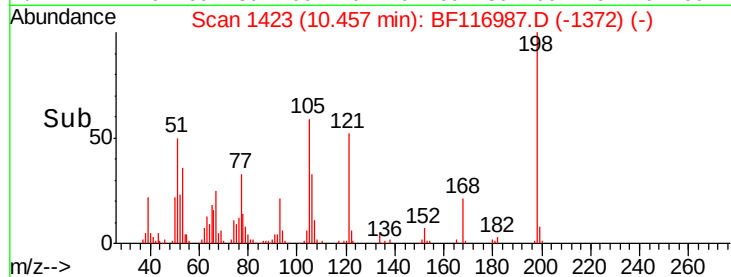
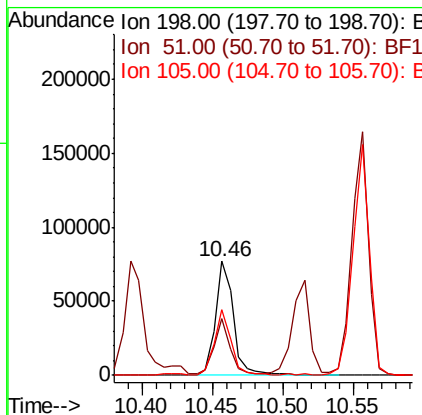
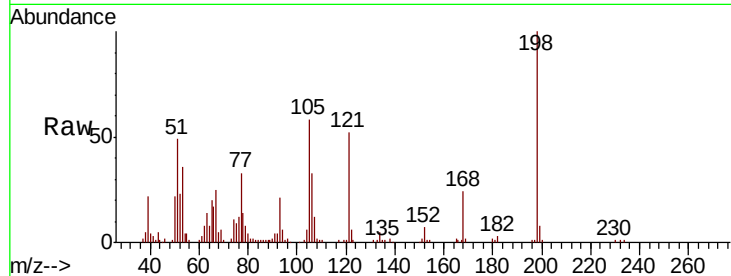
ClientSampled :

PB122948BS

Tot Ion:	198	Resp:	68129
Ion Ratio	Lower	Upper	
198	100		
51	49.3	26.3	66.3
105	58.1	40.0	80.0

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#66

n-Nitrosodiphenylamine

Concen: 48.650 ng

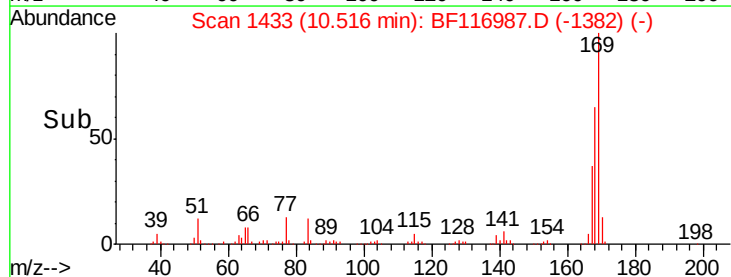
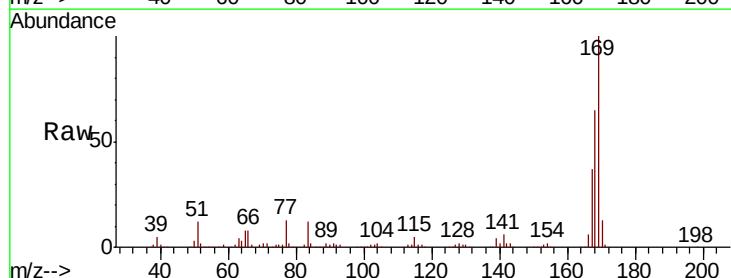
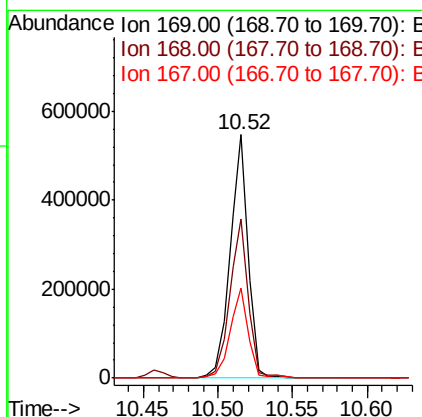
RT: 10.52 min Scan# 1433

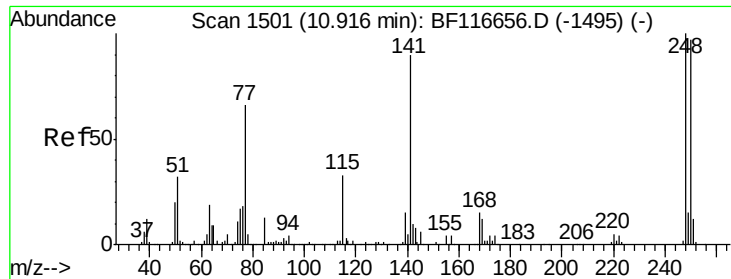
Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	169	Resp:	467696
Ion Ratio	Lower	Upper	
169	100		
168	65.4	53.5	80.3
167	36.7	28.7	43.1





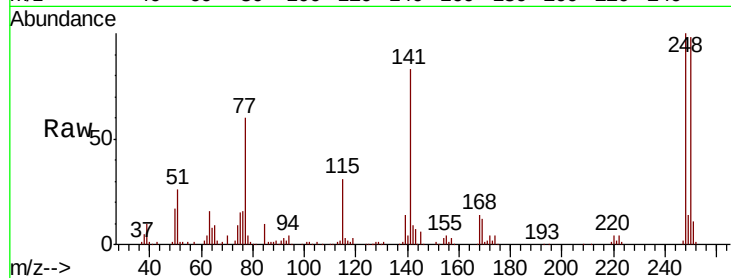
#67
4-Bromophenyl-phenylether
Concen: 47.589 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.0	115.4
141	82.5	70.2	105.2

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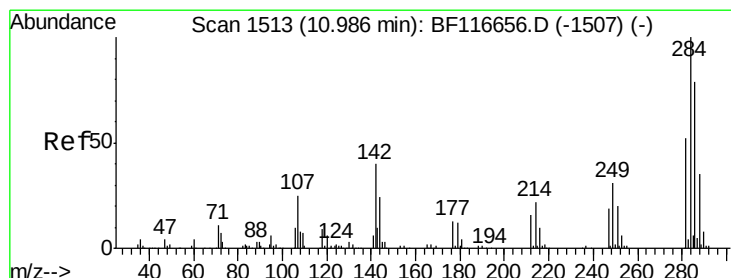
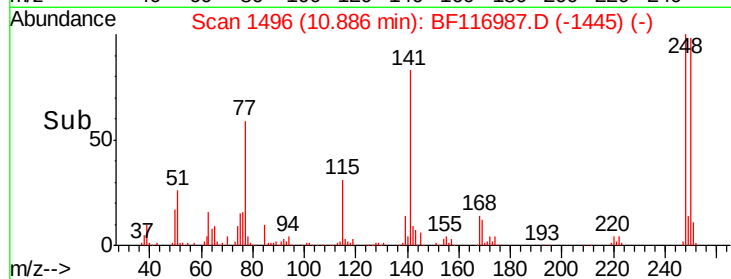
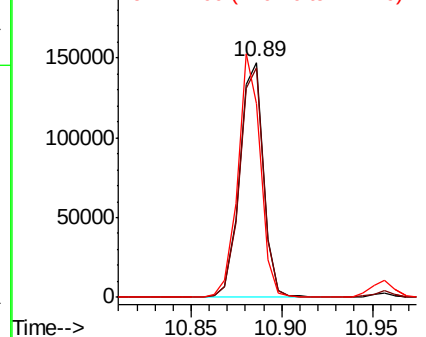


Abundance

Ion 248.00 (247.70 to 248.70): E

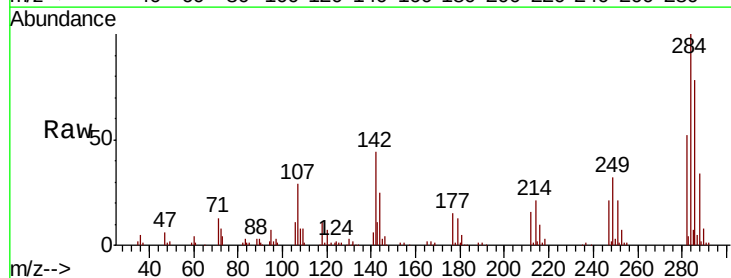
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.588 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.6	37.2	55.8
249	32.3	25.9	38.9

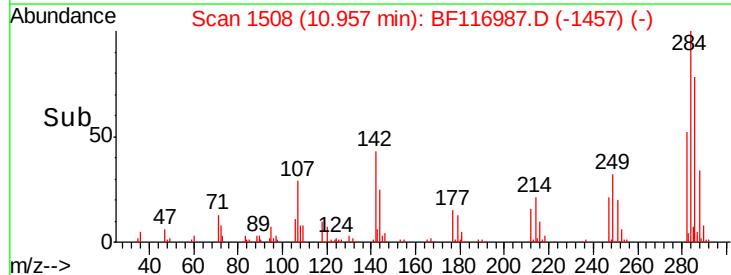
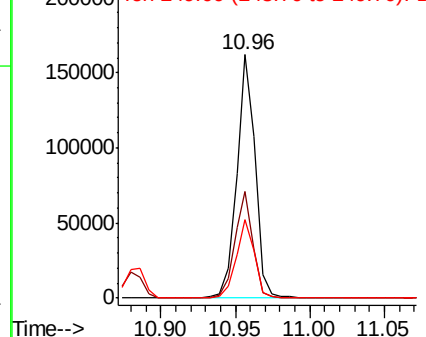


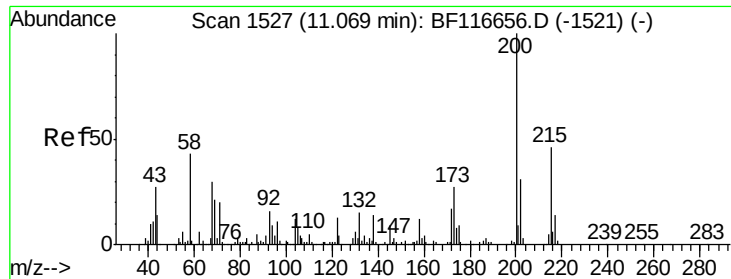
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





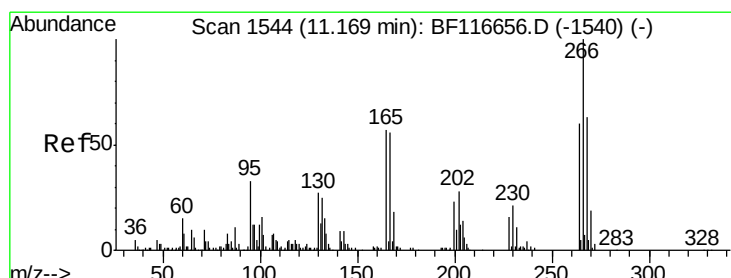
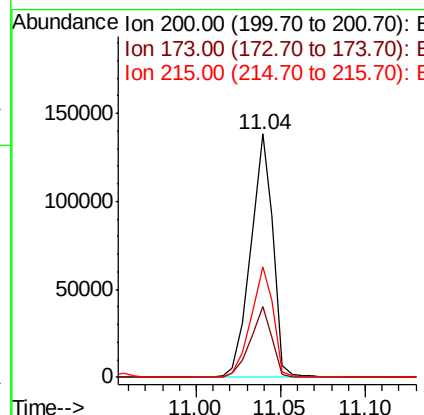
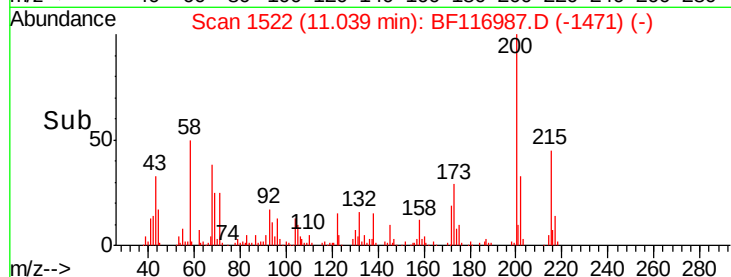
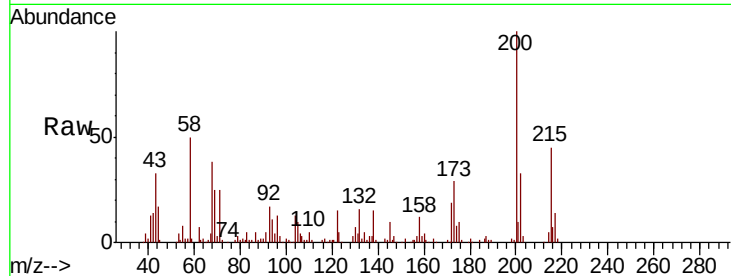
#69
Atrazine
Concen: 47.210 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	127112		
173	29.0	7.0	47.0	
215	45.5	22.9	62.9	

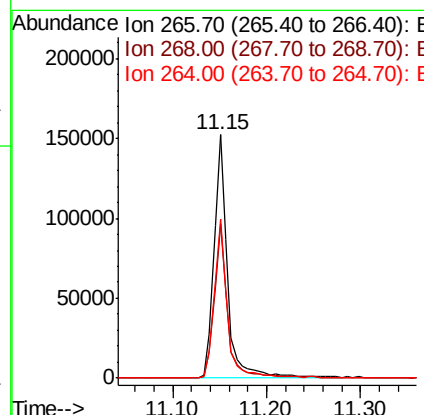
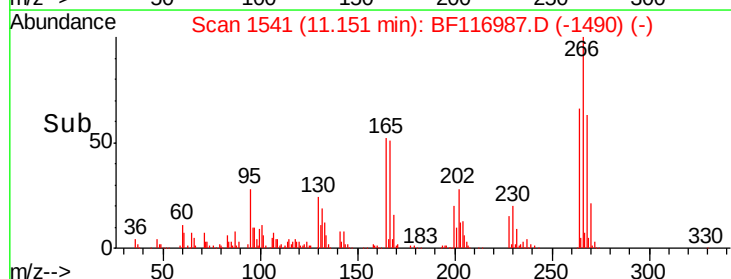
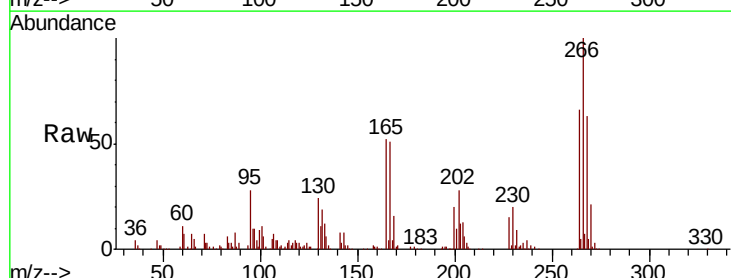
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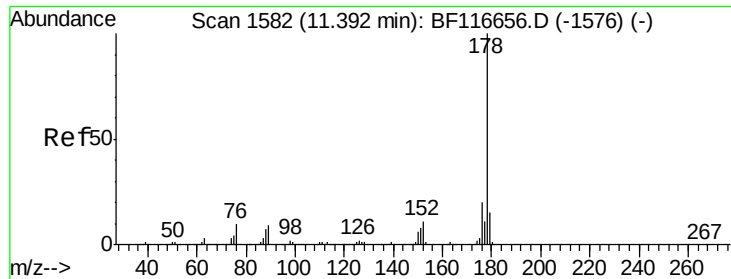
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#70
Pentachlorophenol
Concen: 109.707 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	156755		
268	63.1	51.4	77.2	
264	65.6	52.1	78.1	





#71

Phenanthrene

Concen: 47.926 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

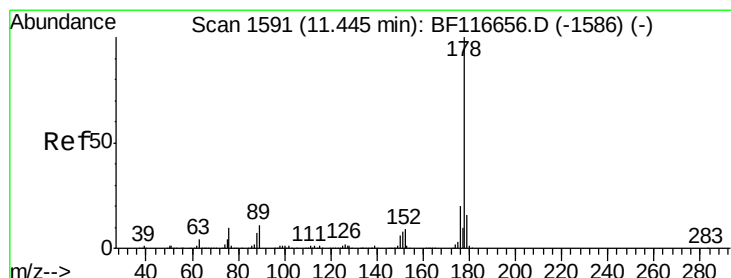
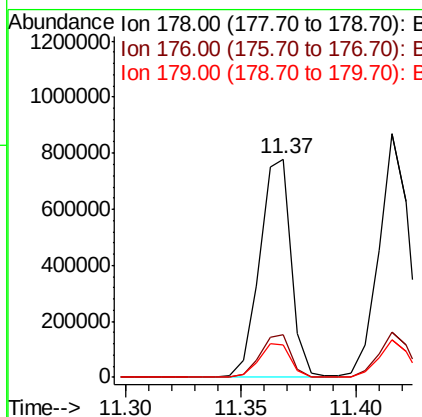
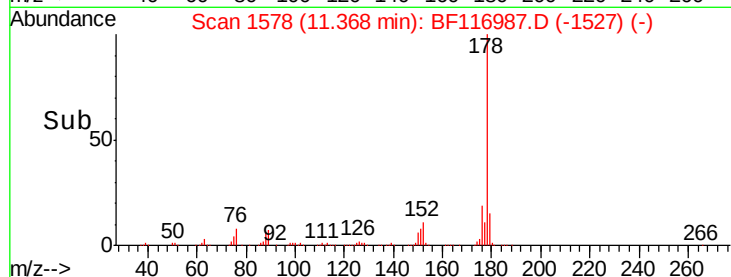
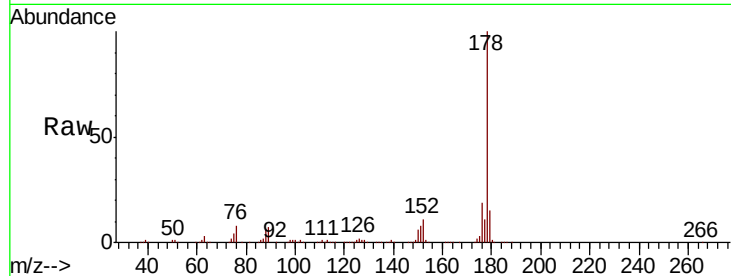
ClientSampleId :

PB122948BS

Tot Ion:	178	Resp:	741400
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.7	23.5
179	15.1	12.0	18.0

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#72

Anthracene

Concen: 49.416 ng

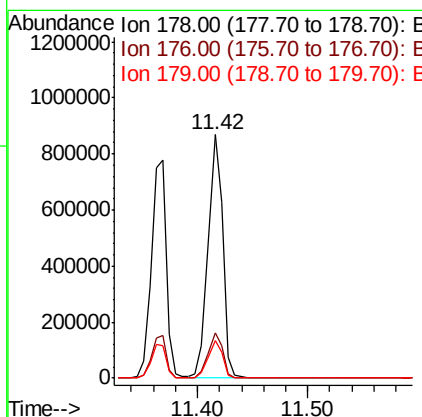
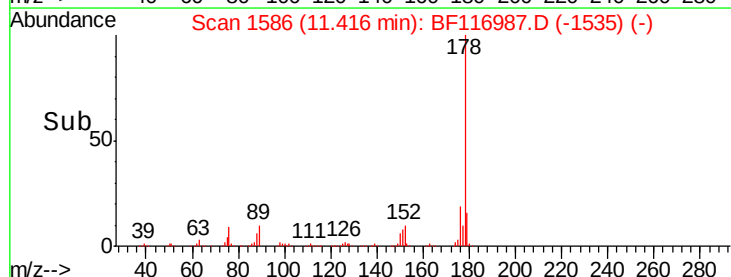
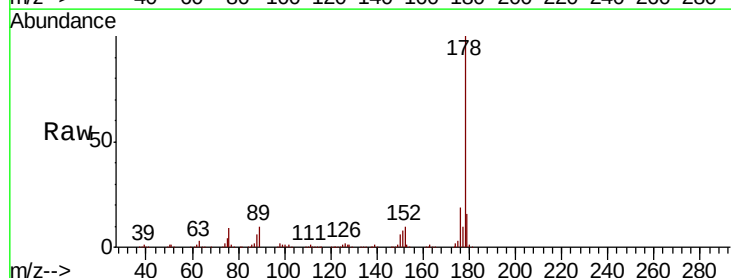
RT: 11.42 min Scan# 1586

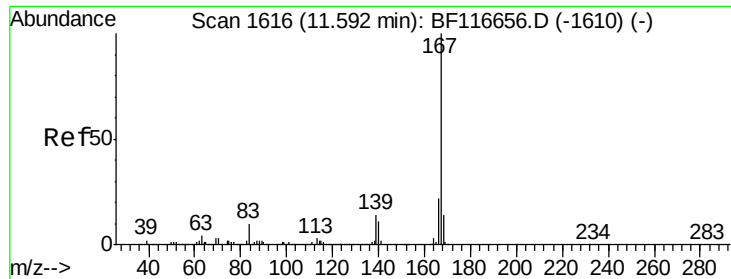
Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	178	Resp:	769536
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.0	22.6
179	15.7	12.3	18.5





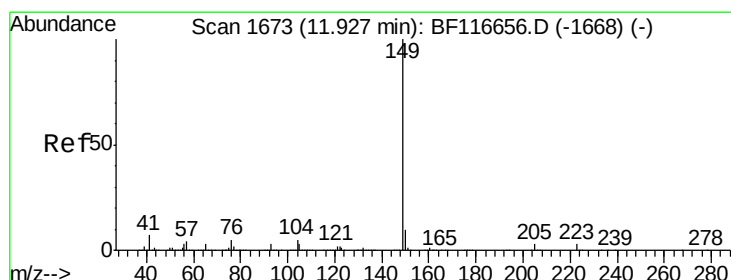
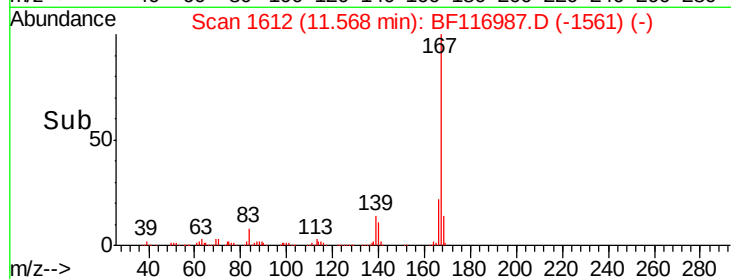
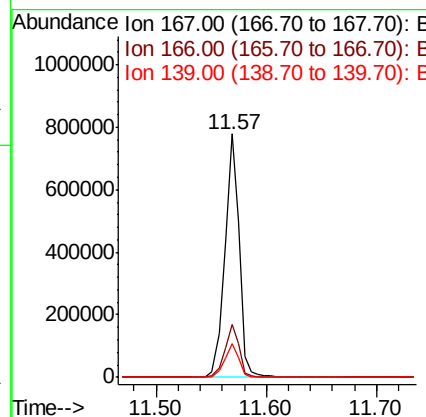
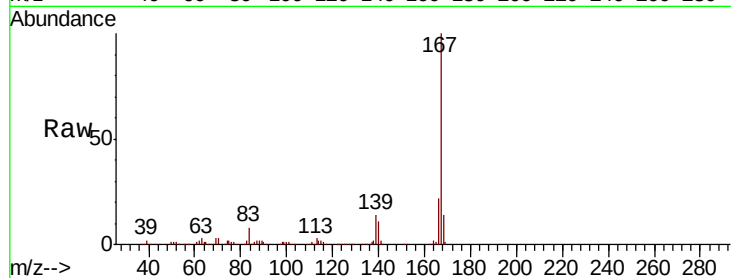
#73
 Carbazole
 Concen: 47.506 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	13.9	11.4	17.2

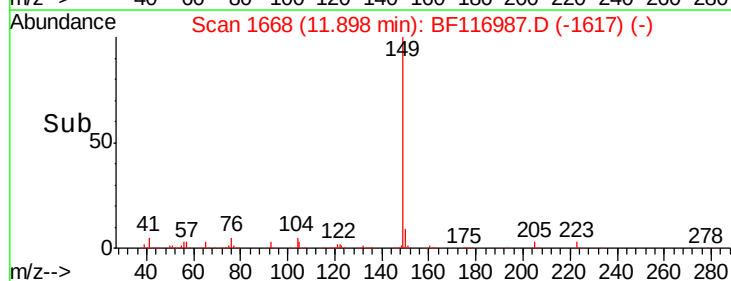
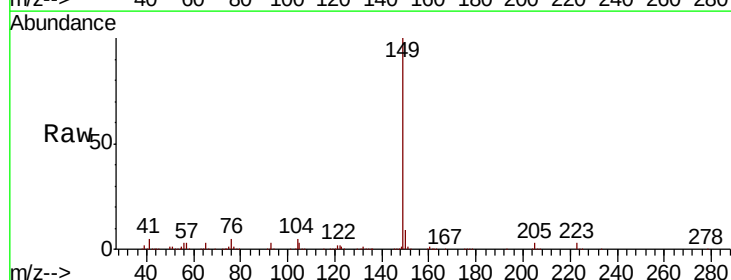
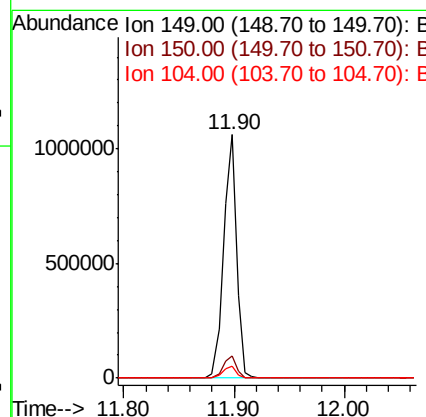
Manual Integrations
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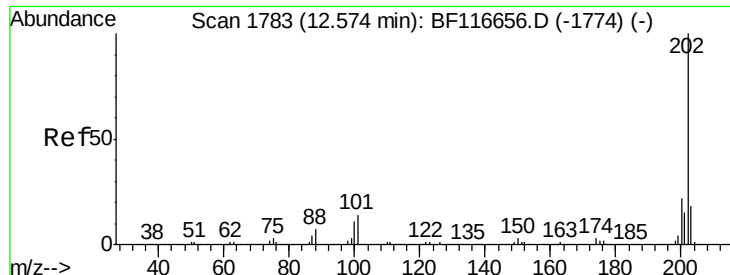
mohammad
 9/16/2019 8:59:23 AM



#74
 Di-n-butylphthalate
 Concen: 45.716 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 47.579 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

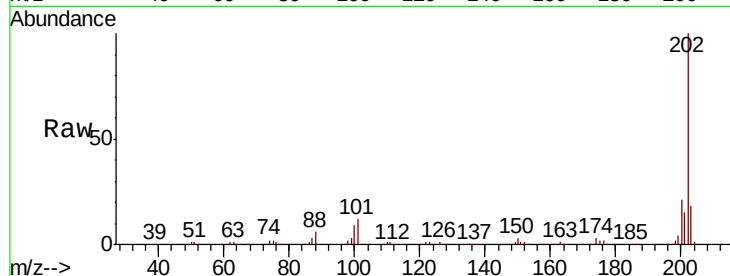
ClientSampleId :

PB122948BS

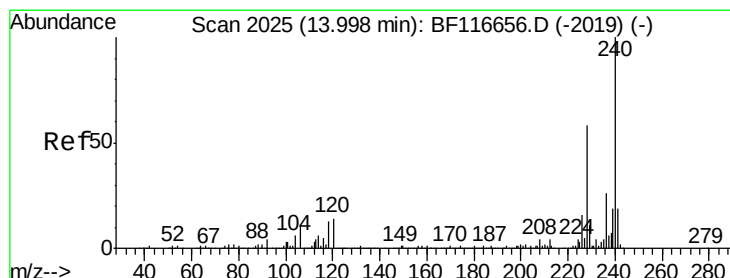
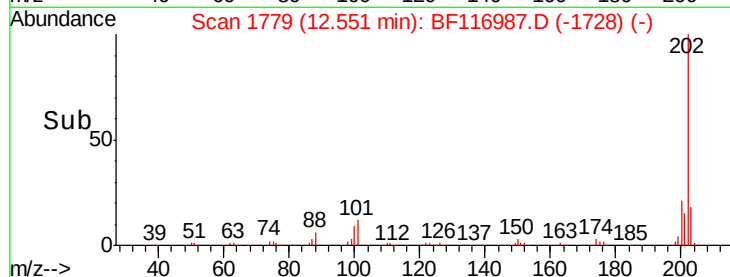
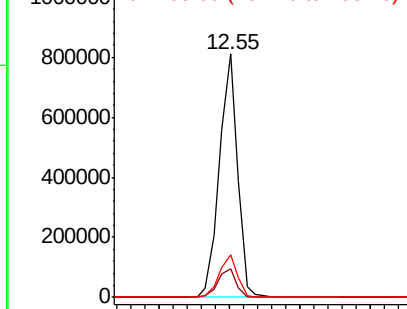
Tot Ion	Ratio	Resp	Lower	Upper
202	100	723342		
101	11.7	0.0	32.0	
203	17.8	0.0	37.5	

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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

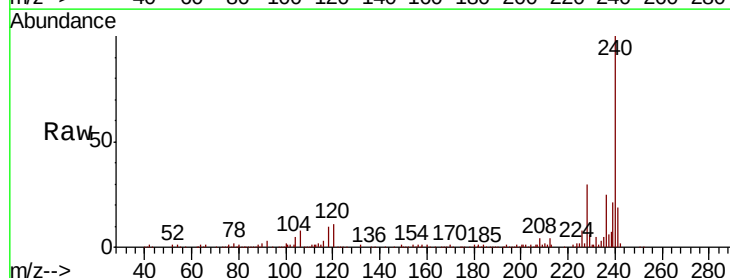
RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

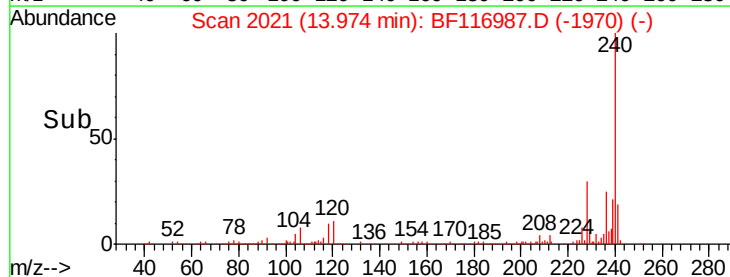
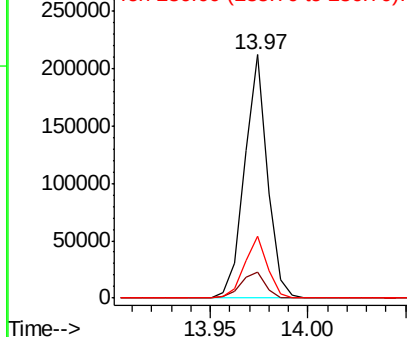
Lab File: BF116987.D

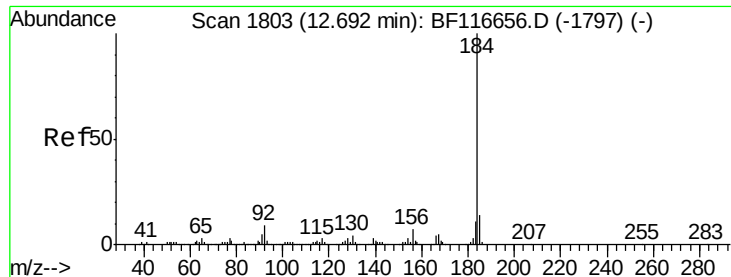
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	170998		
120	10.5	9.1	13.7	
236	25.3	20.9	31.3	



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: 49.208 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

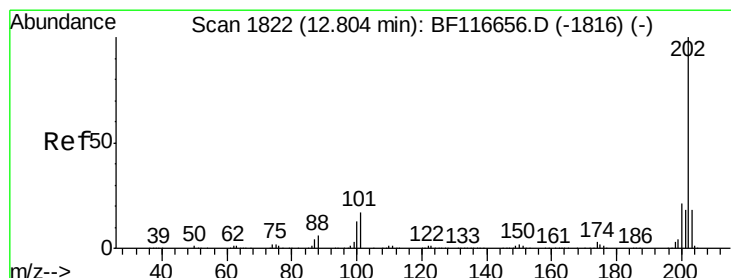
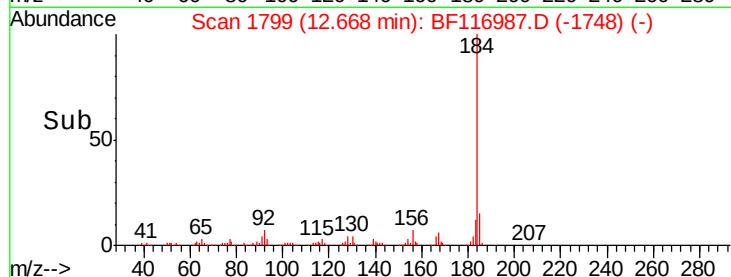
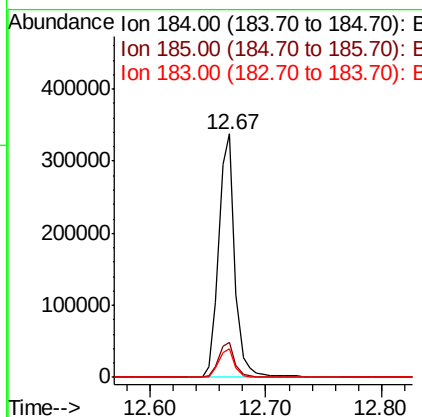
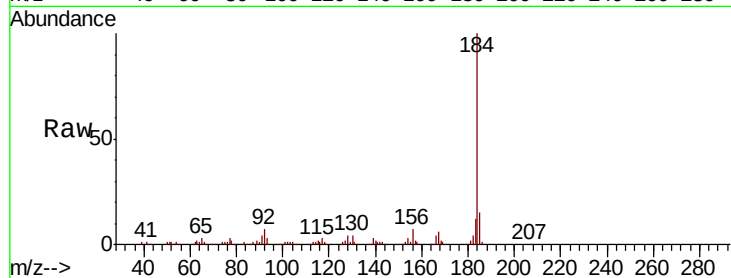
ClientSampleId :

PB122948BS

Tot Ion:	184	Resp:	330036
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.0	18.0
183	11.6	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 48.562 ng

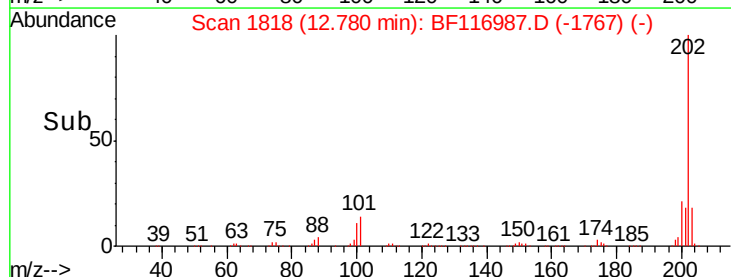
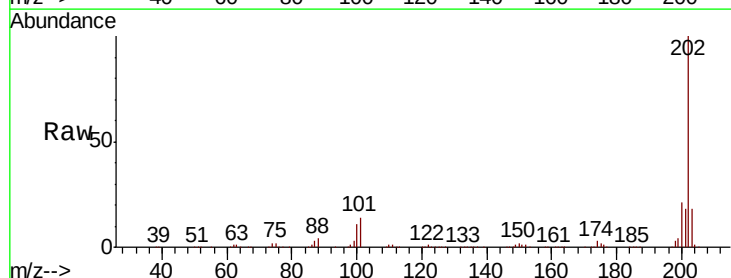
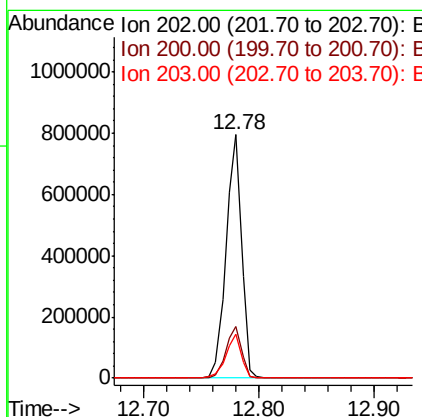
RT: 12.78 min Scan# 1818

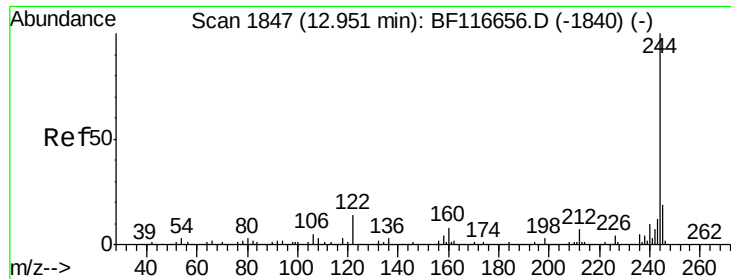
Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Tgt Ion:	202	Resp:	738169
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.2	25.8
203	18.1	14.2	21.2





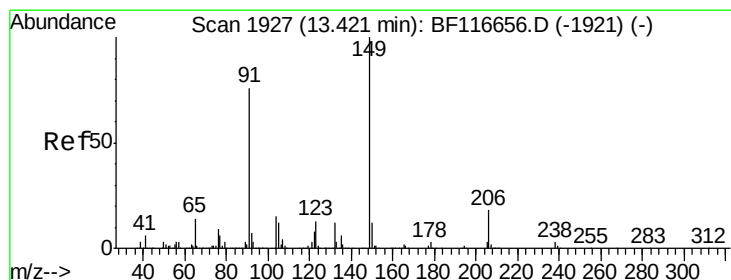
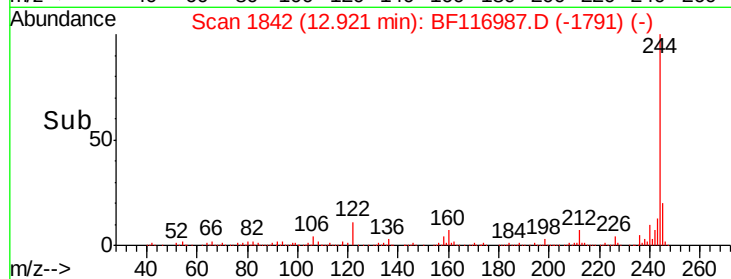
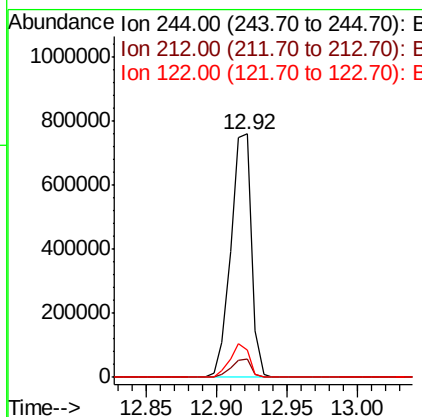
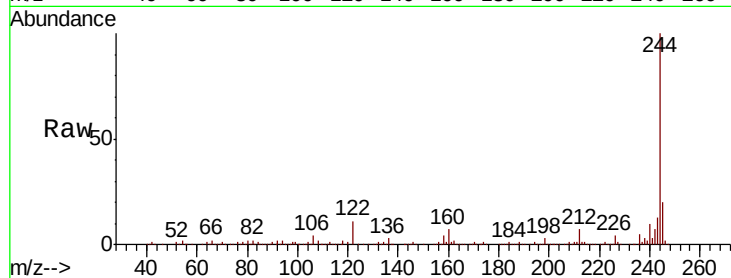
#79
 Terphenyl-d14
 Concen: 83.514 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.4	11.5	17.3

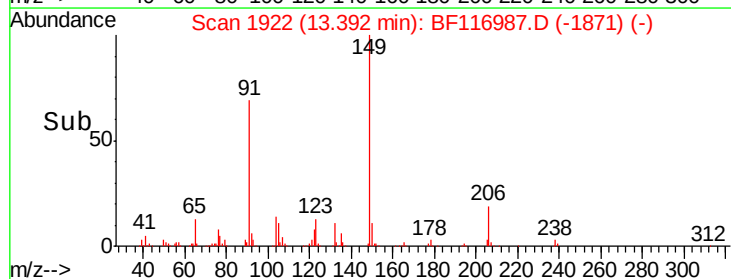
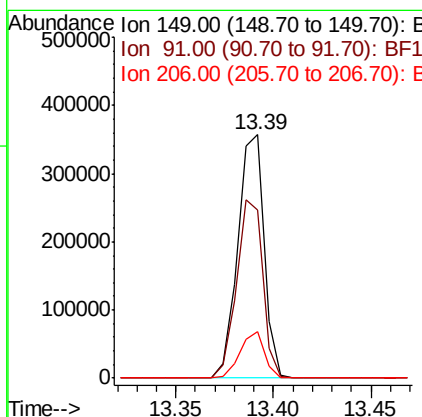
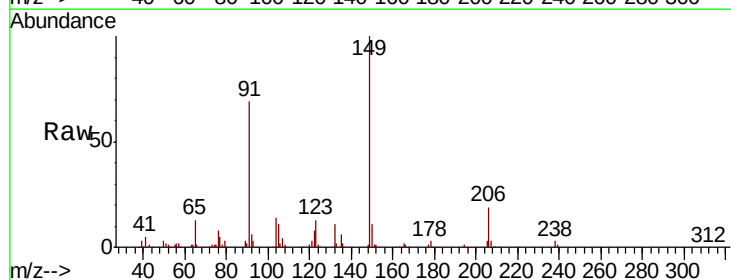
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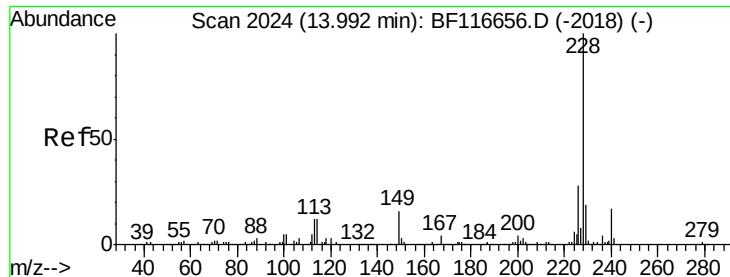
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#80
 Butylbenzylphthalate
 Concen: 45.300 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	55.8	83.8
206	19.0	15.0	22.6





#81

Benzo(a)anthracene

Concen: 48.653 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

Instrument :

BNA_F

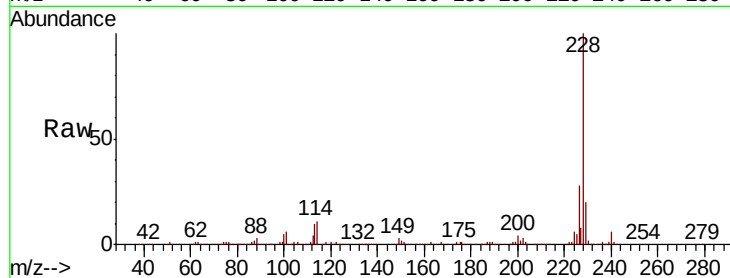
ClientSampleId :

PB122948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.6	22.3	33.5		
229	20.0	15.8	23.8		

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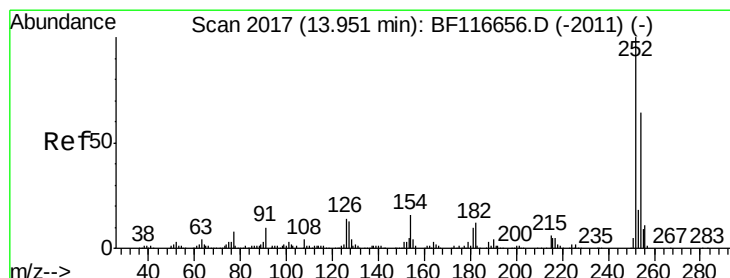
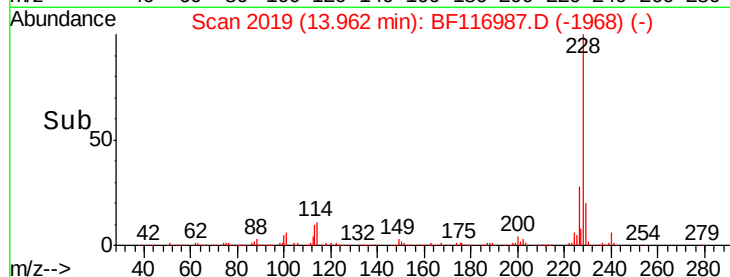
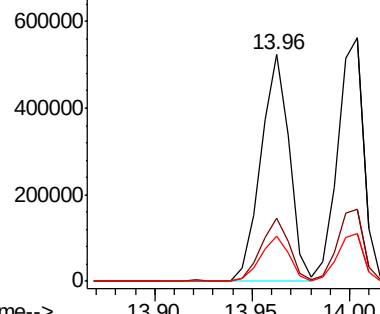


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.068 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF116987.D

Acq: 12 Sep 2019 12:31

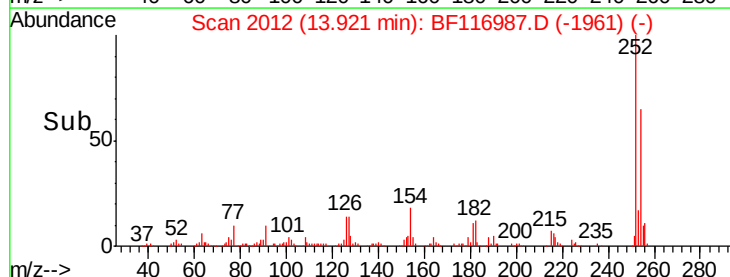
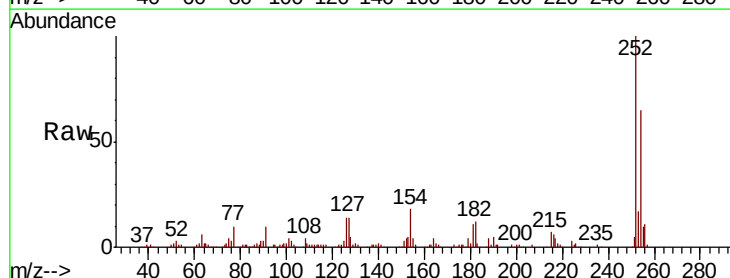
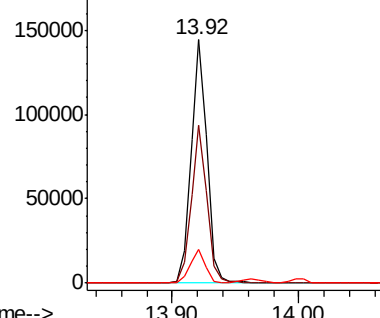
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.9	51.8	77.8		
126	13.8	10.9	16.3		

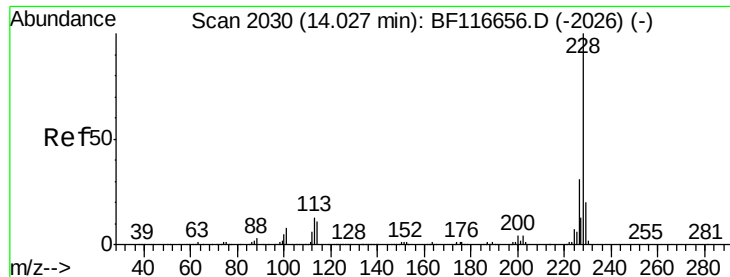
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





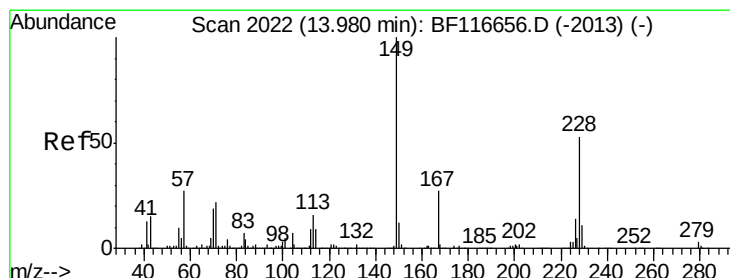
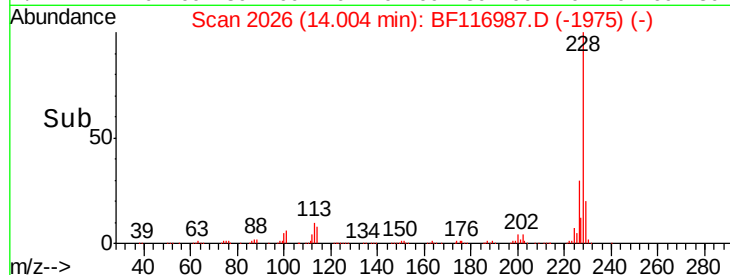
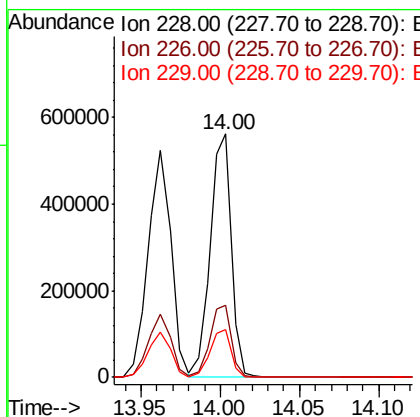
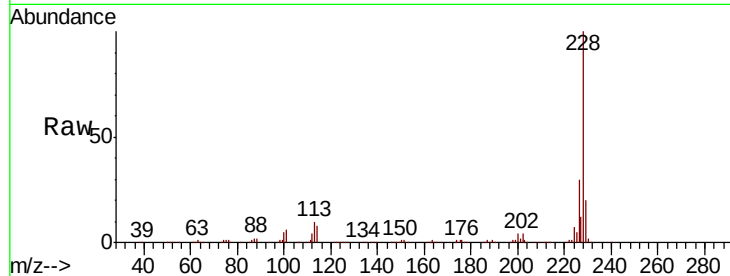
#83
 Chrysene
 Concen: 46.655 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	520196		
226	29.8		24.5	36.7
229	19.7		15.7	23.5

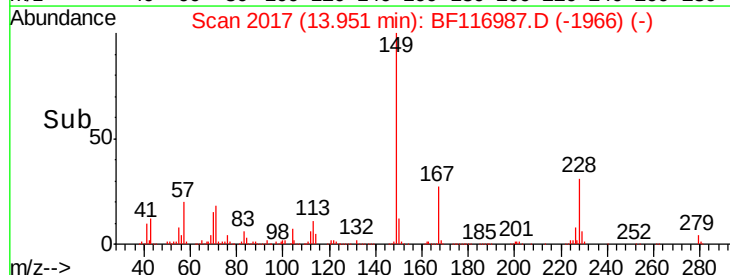
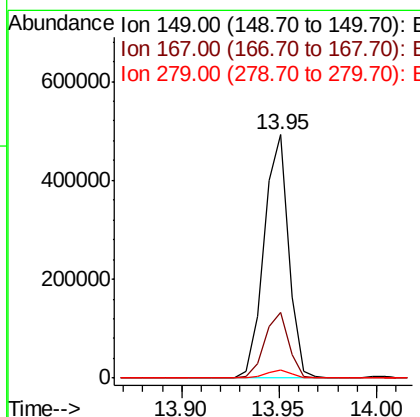
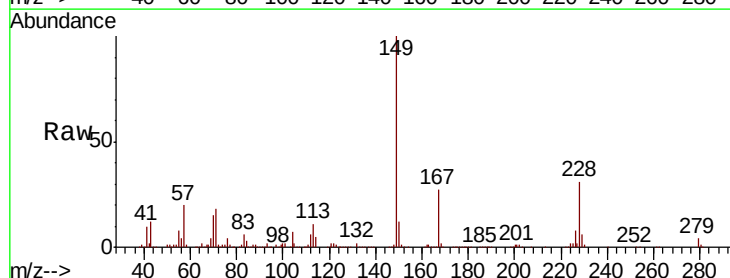
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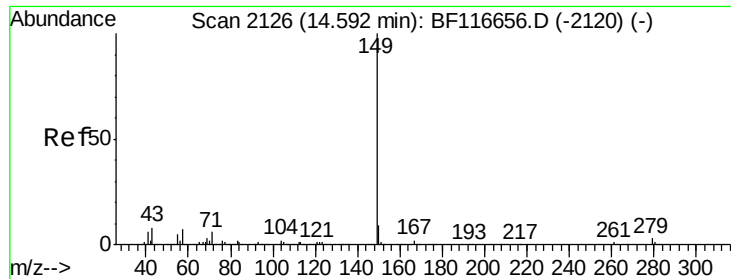
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.973 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	428618		
167	27.0		21.3	31.9
279	3.6		2.6	3.8





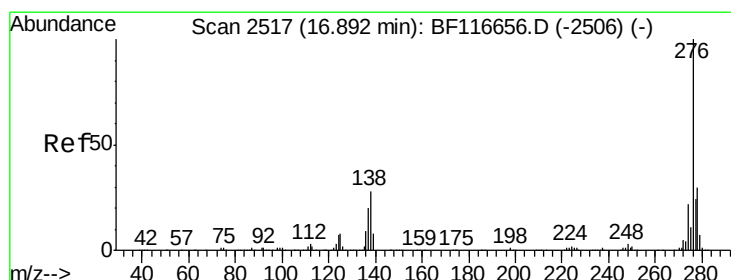
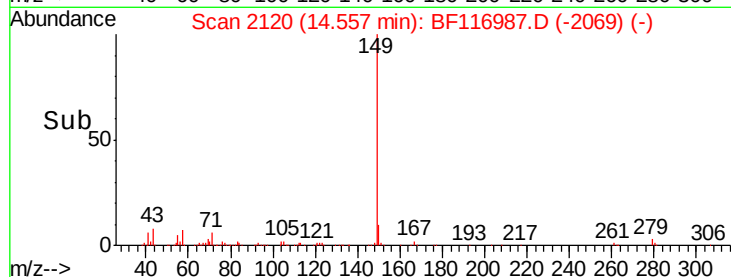
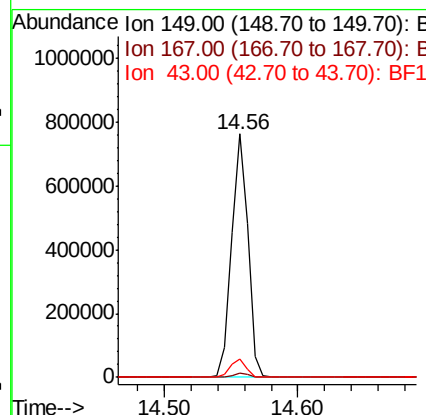
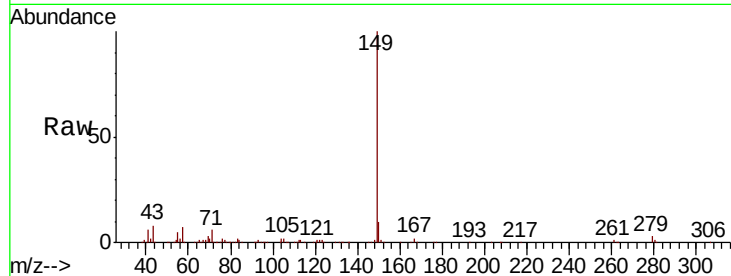
#85
Di-n-octyl phthalate
Concen: 44.449 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		663744		
167	1.5	1.2	1.8		
43	7.6	6.2	9.4		

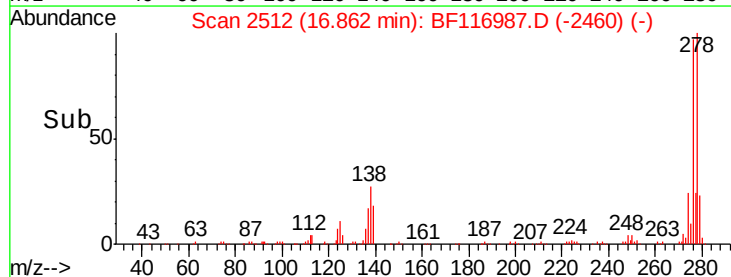
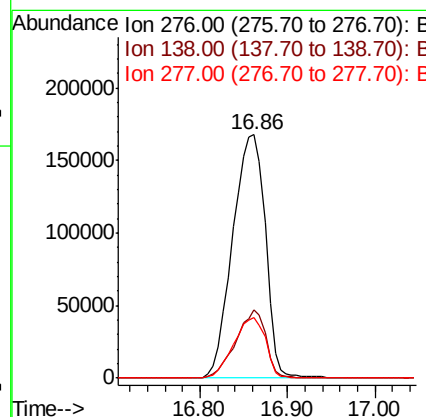
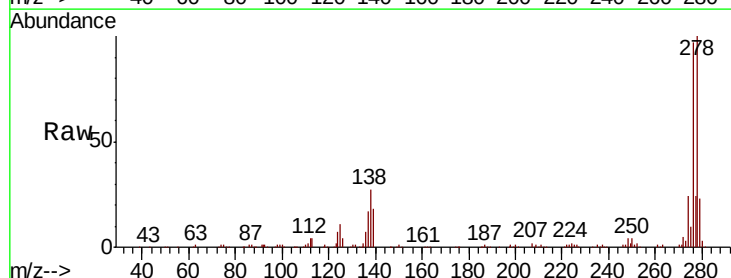
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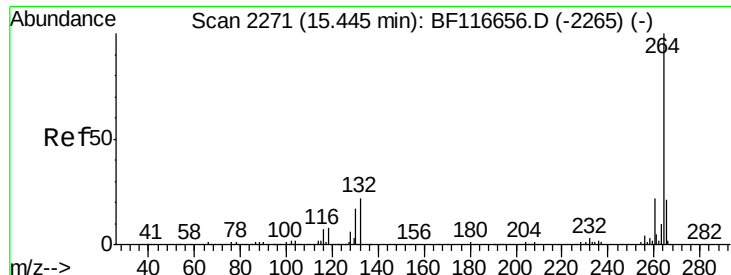
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.812 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		428188		
138	25.5	20.6	31.0		
277	24.3	19.9	29.9		





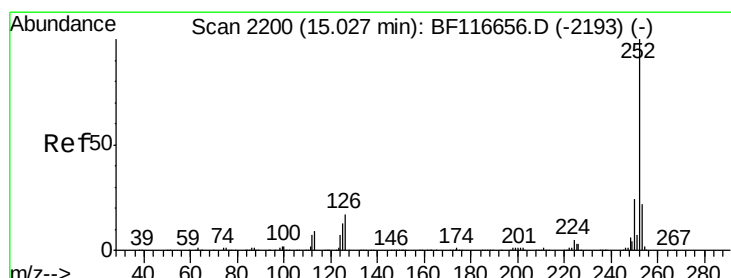
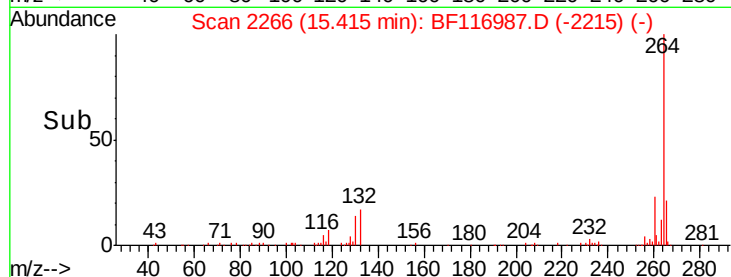
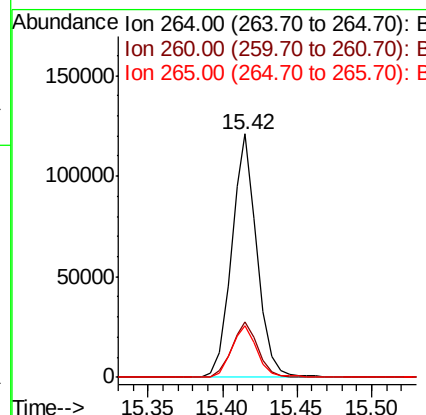
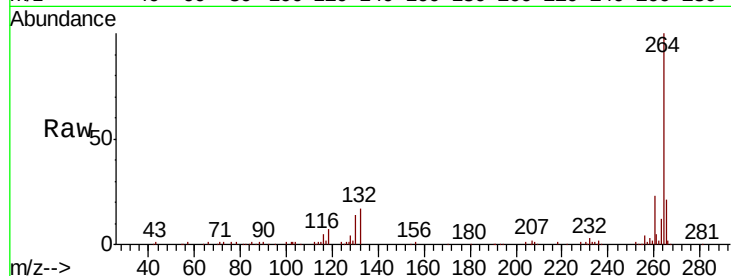
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	21.0	17.9	26.9

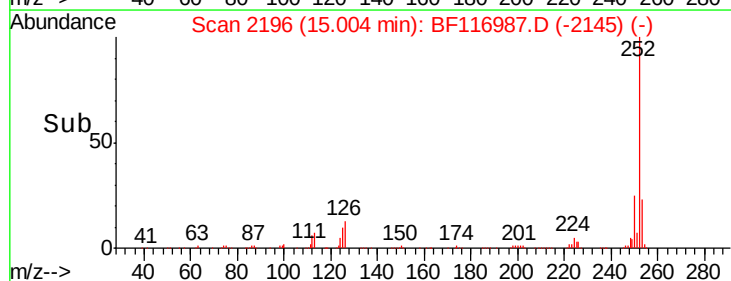
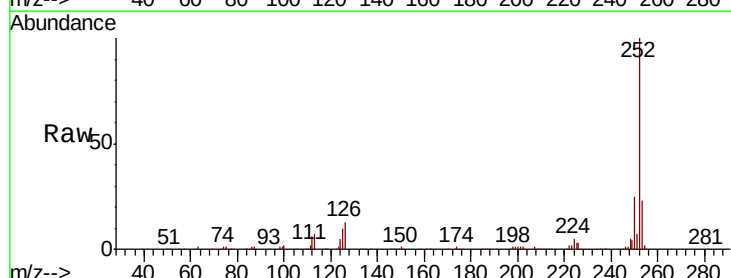
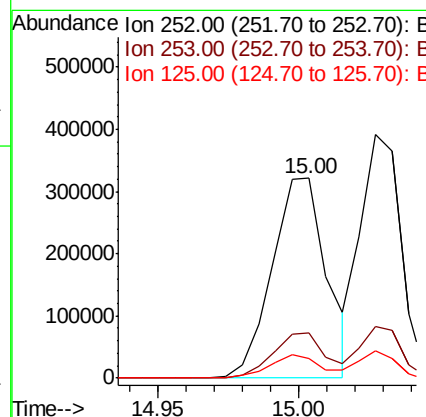
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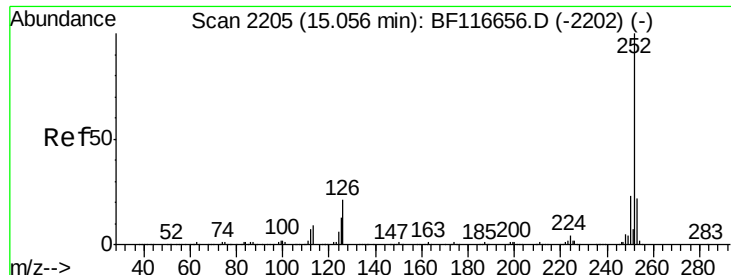
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.881 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.6	8.3	12.5





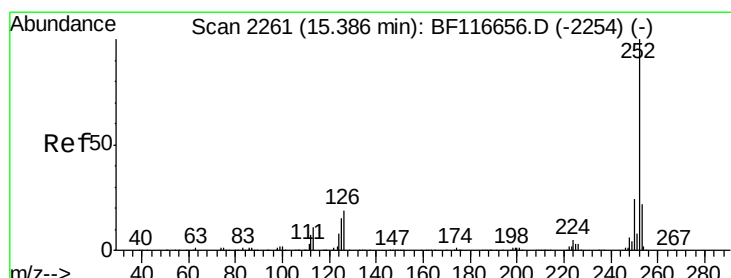
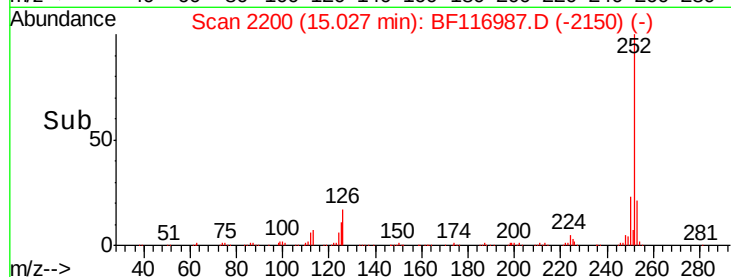
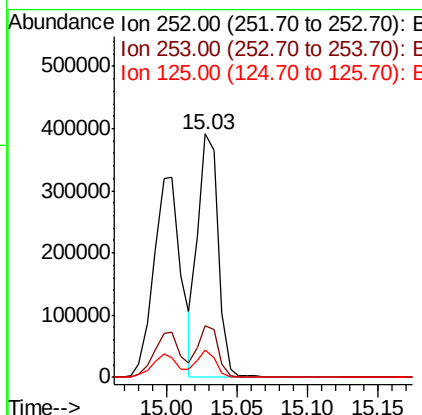
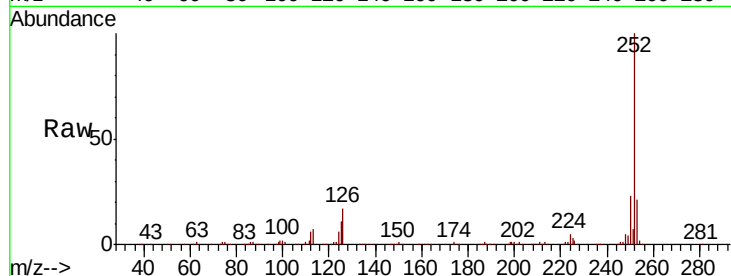
#89
Benzo(k)fluoranthene
Concen: 49.770 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB122948BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.8	25.2
125	11.1	7.6	11.4

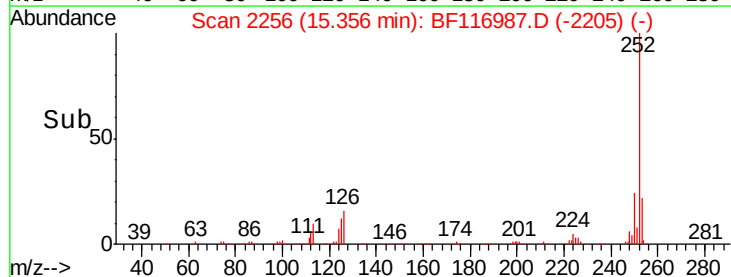
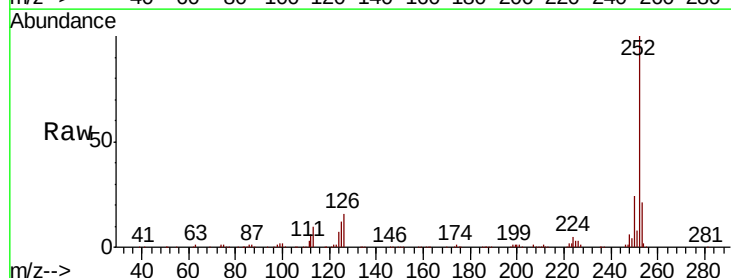
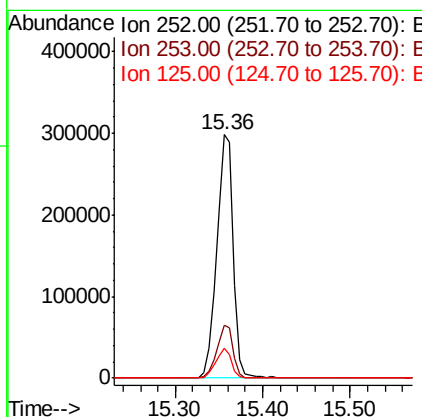
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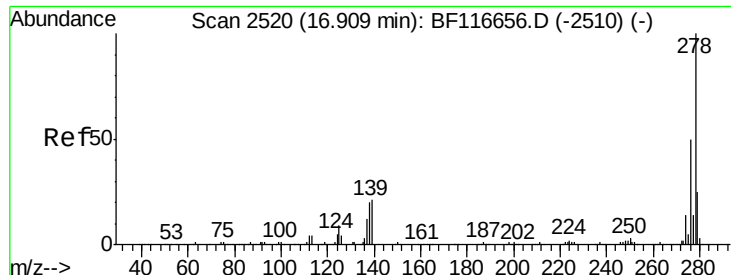
mohammad
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#90
Benzo(a)pyrene
Concen: 51.481 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF116987.D
Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	12.4	10.2	15.2





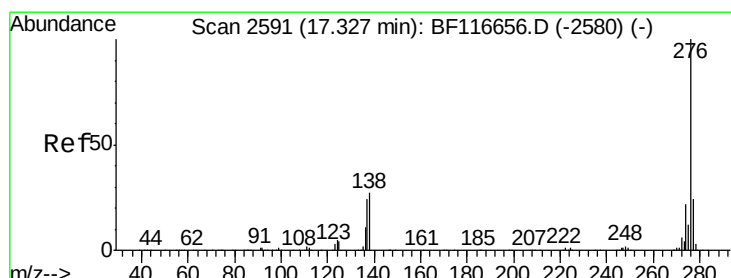
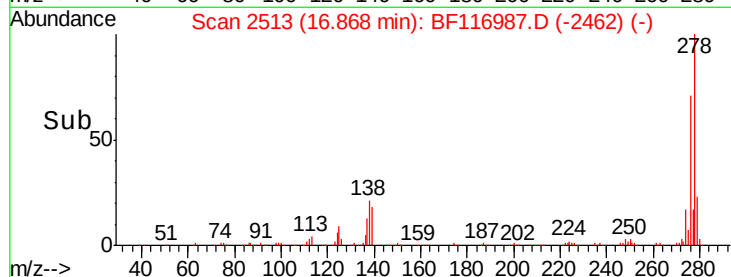
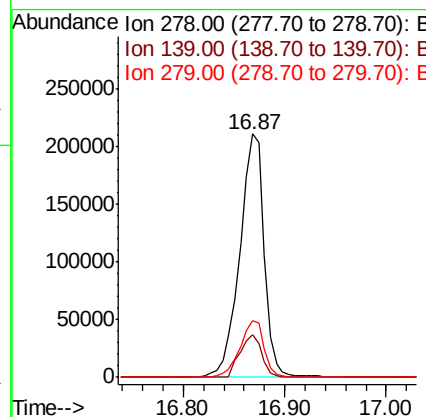
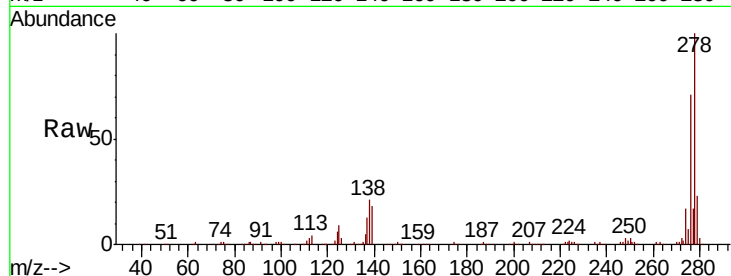
#91
 Dibenzo(a,h)anthracene
 Concen: 53.426 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB122948BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.1	19.7
279	23.4	18.6	27.8

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:59:23 AM



#92
 Benzo(g,h,i)perylene
 Concen: 52.122 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: BF116987.D
 Acq: 12 Sep 2019 12:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.6
138	23.1	18.7	28.1

