

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115936.D
 Acq On : 2 Aug 2019 10:27
 Operator : HP/JU
 Sample : PB121887BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Manual Integrations
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mohammad
 8/8/2019 4:44:03 PM

Quant Time: Aug 02 17:01:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	147559	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	619220	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	322279	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	627115	20.00	ng	0.00
76) Chrysene-d12	14.03	240	439806	20.00	ng	0.00
87) Perylene-d12	15.50	264	288583	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	782511	88.78	ng	0.02
7) Phenol-d6	6.49	99	985876	88.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	916123	85.40	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	285884	91.50	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1596135	92.77	ng	0.00
79) Terphenyl-d14	12.97	244	1810602	86.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	167102	37.526	ng	99
3) Pyridine	3.46	79	390197	31.369	ng	100
4) n-Nitrosodimethylamine	3.41	42	198129	40.361	ng	99
6) Aniline	6.52	93	412857	25.923	ng	97
8) 2-Chlorophenol	6.65	128	442167	45.364	ng	98
9) Benzaldehyde	6.40	77	51760	6.745	ng	99
10) Phenol	6.50	94	561242	42.856	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	419812	43.602	ng	98
12) 1,3-Dichlorobenzene	6.79	146	438414	38.920	ng	98
13) 1,4-Dichlorobenzene	6.87	146	451427	40.024	ng	100
14) 1,2-Dichlorobenzene	7.03	146	419044	40.349	ng	99
15) Benzyl Alcohol	7.00	79	380256	45.056	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	560420	42.672	ng	95
17) 2-Methylphenol	7.11	107	375468	45.493	ng	97
18) Hexachloroethane	7.36	117	168545	40.588	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	303280	44.009	ng	99
20) 3+4-Methylphenols	7.26	107	442929	45.351	ng	# 87
22) Acetophenone	7.26	105	598491	44.070	ng	97
24) Nitrobenzene	7.43	77	487598	42.096	ng	99
25) Isophorone	7.67	82	901119	43.930	ng	100
26) 2-Nitrophenol	7.75	139	243326	44.565	ng	99
27) 2,4-Dimethylphenol	7.79	122	402283	48.972	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	540737	42.531	ng	99
29) 2,4-Dichlorophenol	8.00	162	389354	44.890	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	404650	40.928	ng	98
31) Naphthalene	8.16	128	1257462	43.154	ng	100
32) Benzoic acid	7.95	122	272927	47.125	ng	97
33) 4-Chloroaniline	8.20	127	330421	25.379	ng	100
34) Hexachlorobutadiene	8.27	225	228246	40.079	ng	98
35) Caprolactam	8.59	113	125756m	44.829	ng	
36) 4-Chloro-3-methylphenol	8.70	107	415588	46.058	ng	97
37) 2-Methylnaphthalene	8.85	142	860042	44.816	ng	100
38) 1-Methylnaphthalene	8.95	142	805065	44.344	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	394039	45.734	ng	99

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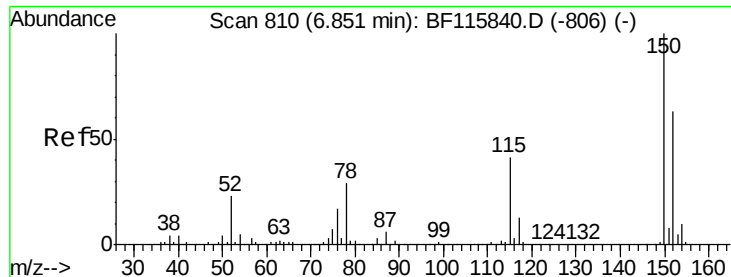
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	192454	51.996	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	266429	44.926	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	279765	45.637	nq	99
46) 1,1'-Biphenyl	9.32	154	1044131	45.890	nq	100
47) 2-Chloronaphthalene	9.35	162	824002	43.513	nq	98
48) 2-Nitroaniline	9.44	65	271891	43.437	nq	90
49) Acenaphthylene	9.76	152	1254609	45.412	nq	100
50) Dimethylphthalate	9.62	163	1002246	45.674	nq	100
51) 2,6-Dinitrotoluene	9.69	165	223971	46.967	nq	95
52) Acenaphthene	9.93	154	755623	44.582	nq	99
53) 3-Nitroaniline	9.85	138	193148	32.779	nq	92
54) 2,4-Dinitrophenol	9.97	184	206193	84.523	nq	93
55) Dibenzofuran	10.10	168	1129194	45.812	nq	97
56) 4-Nitrophenol	10.03	139	332424	88.068	nq	99
57) 2,4-Dinitrotoluene	10.09	165	293511	46.228	nq	95
58) Fluorene	10.45	166	866204	45.677	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	235916	45.743	nq	100
60) Diethylphthalate	10.32	149	957727	46.748	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	436095	45.407	nq	97
62) 4-Nitroaniline	10.47	138	243972	40.065	nq	98
63) Azobenzene	10.60	77	966056	45.845	nq	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	147406	44.355	nq	90
66) n-Nitrosodiphenylamine	10.56	169	791101	41.911	nq	100
67) 4-Bromophenyl-phenylether	10.93	248	276499	41.187	nq	94
68) Hexachlorobenzene	11.00	284	308836	39.784	nq	94
69) Atrazine	11.09	200	230605	37.136	nq	98
70) Pentachlorophenol	11.20	266	317984	84.372	nq	98
71) Phenanthrene	11.41	178	1310315	40.871	nq	100
72) Anthracene	11.46	178	1322419	40.758	nq	99
73) Carbazole	11.62	167	1209352	41.084	nq	100
74) Di-n-butylphthalate	11.94	149	1477593	43.030	nq	99
75) Fluoranthene	12.60	202	1369457	40.802	nq	97
77) Benzidine	12.72	184	236796	15.937	nq	97
78) Pyrene	12.83	202	1400286	42.237	nq	100
80) Butylbenzylphthalate	13.44	149	633265	45.156	nq	99
81) Benzo(a)anthracene	14.02	228	1170093	41.624	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	358990	36.758	nq	# 99
83) Chrysene	14.06	228	1154935	42.319	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	866504	47.547	nq	99
85) Di-n-octyl phthalate	14.62	149	1392081	48.092	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	954753	41.653	nq	99
88) Benzo(b)fluoranthene	15.07	252	1045357	62.648	nq	97
89) Benzo(k)fluoranthene	15.10	252	1016999	62.575	nq	99
90) Benzo(a)pyrene	15.44	252	960377	64.385	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	808292	62.602	nq	99
92) Benzo(g,h,i)perylene	17.43	276	783833	61.815	nq	99

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



#1

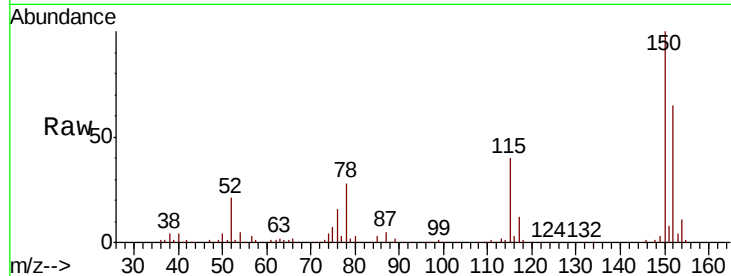
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.4	191.0
115	61.4	51.8	77.8

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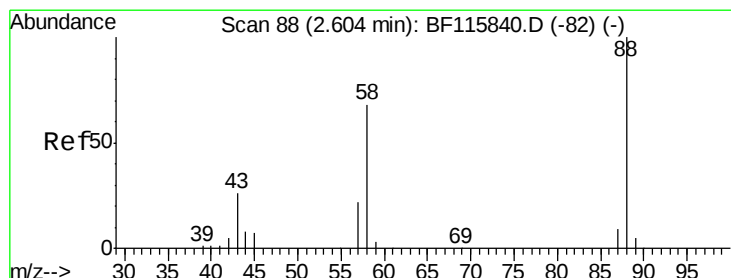
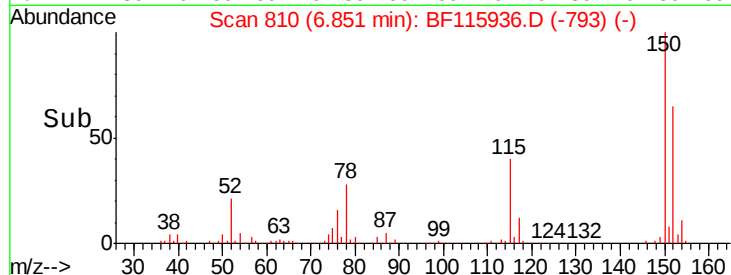
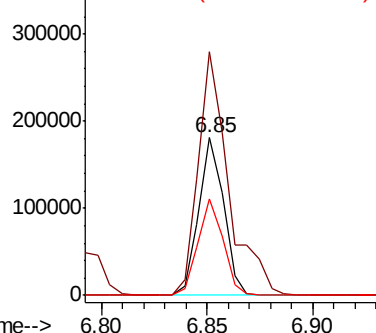


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

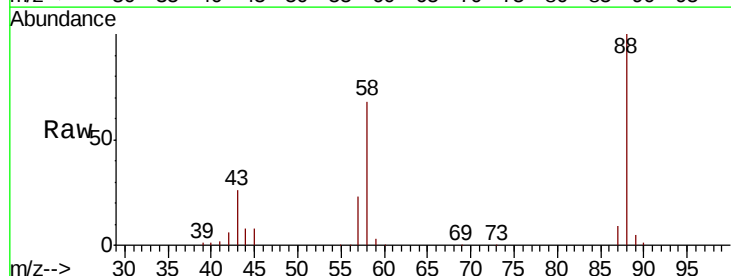
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.526 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.11 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	54.1	81.1
43	26.6	20.7	31.1

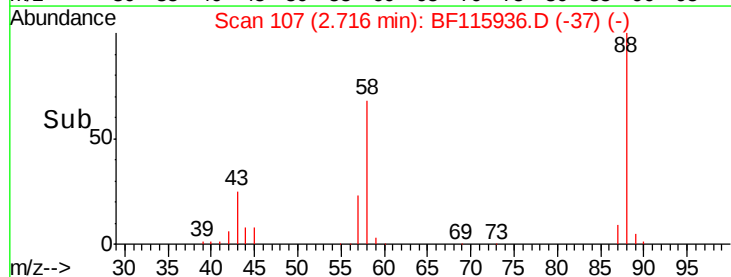
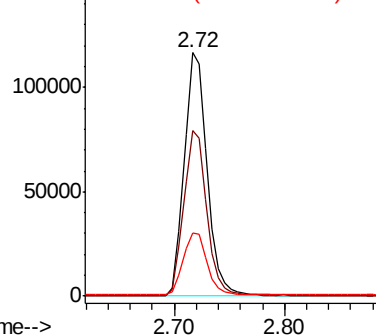


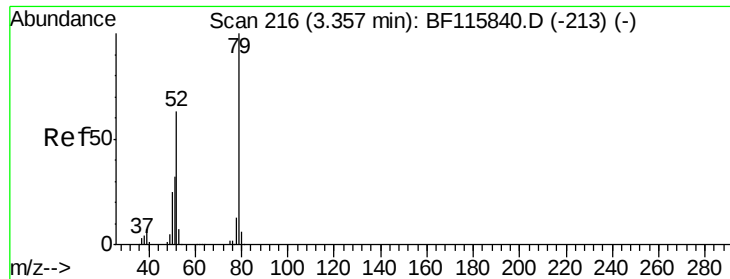
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.369 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

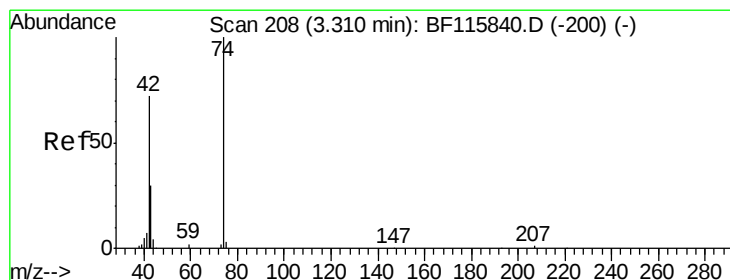
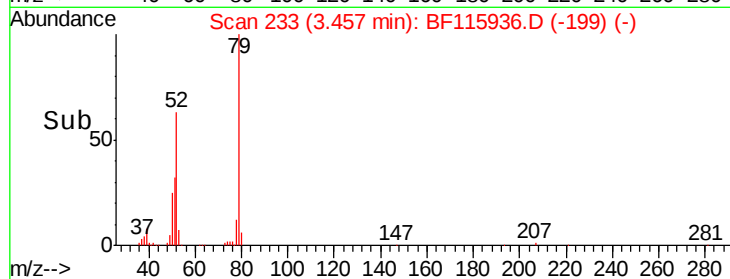
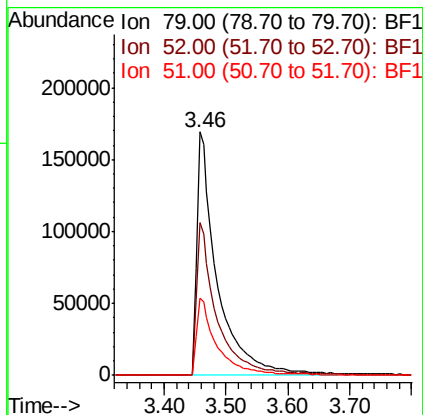
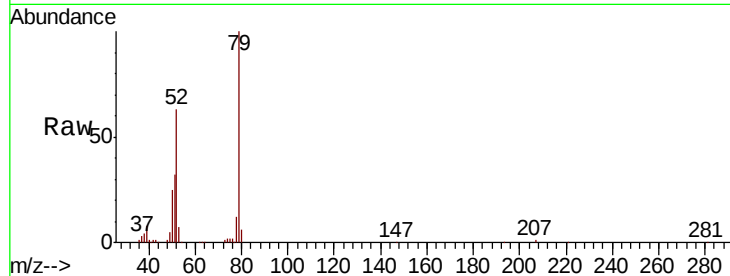
ClientSampleId :

PB121887BSD

Tot Ion:	79	Resp:	390197
Ion	Ratio	Lower	Upper
79	100		
52	62.7	50.2	75.4
51	31.8	25.8	38.6

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#4

n-Nitrosodimethylamine

Concen: 40.361 ng

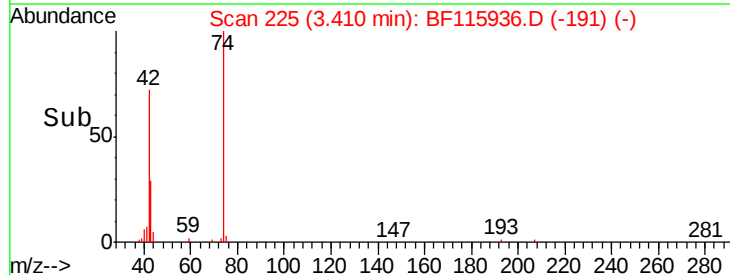
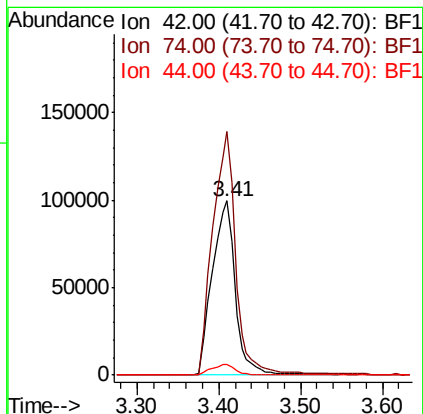
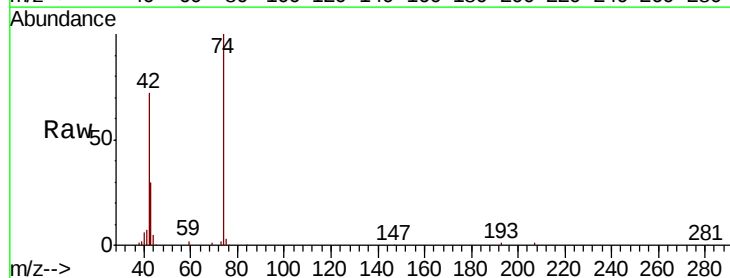
RT: 3.41 min Scan# 225

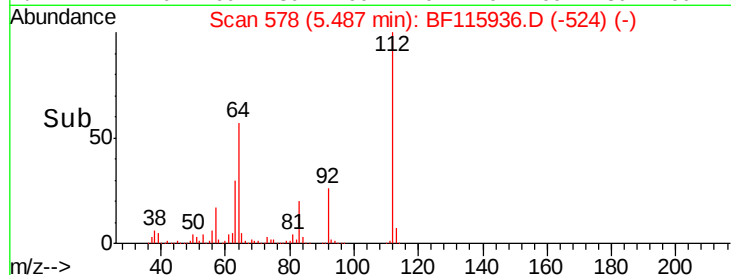
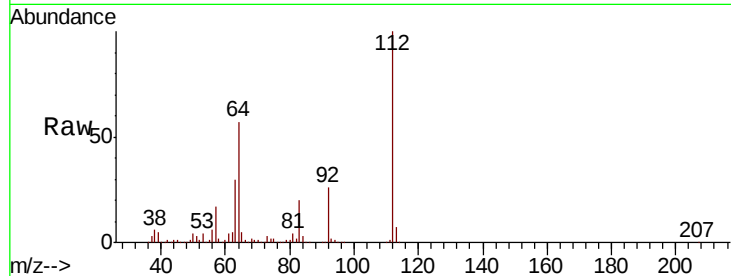
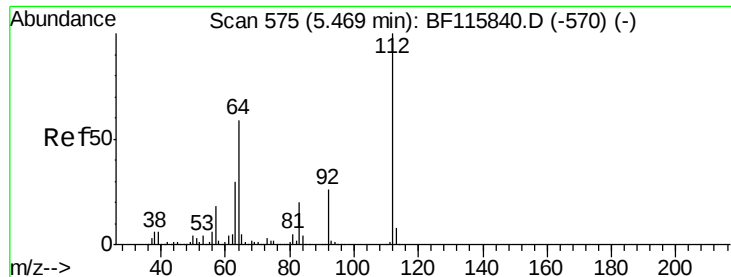
Delta R.T. 0.10 min

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Tgt Ion:	42	Resp:	198129
Ion	Ratio	Lower	Upper
42	100		
74	139.7	111.0	166.4
44	6.3	4.7	7.1





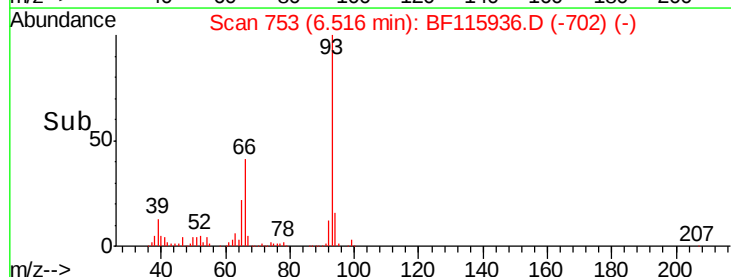
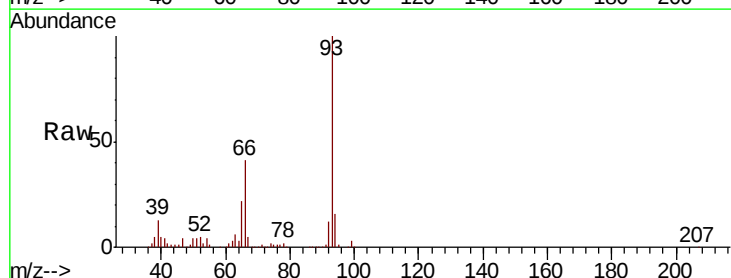
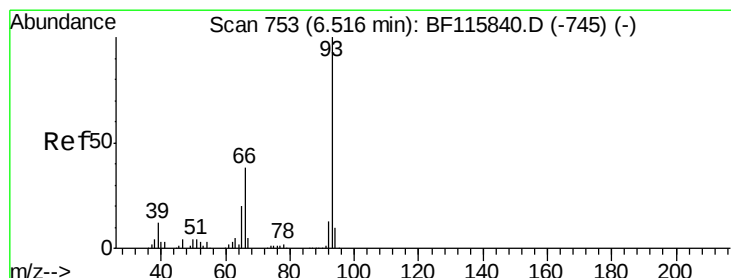
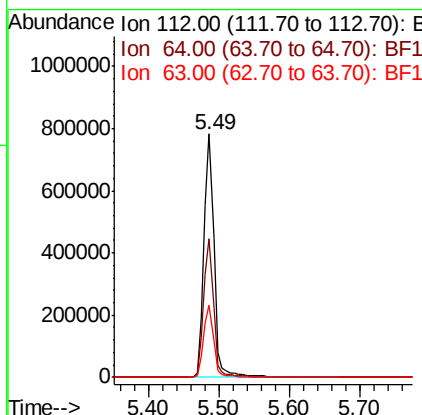
#5
2-Fluorophenol
Concen: 88.776 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tot Ion	Ratio	Resp	Lower	Upper
112	100	782511		
64	57.0	46.8	70.2	
63	29.7	24.2	36.2	

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

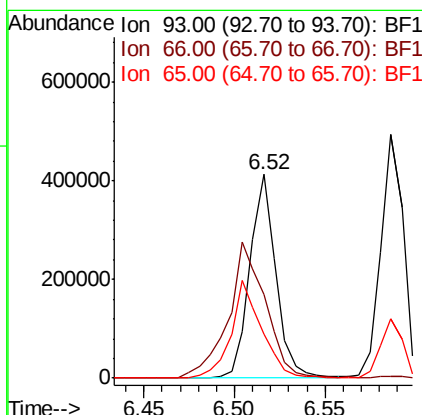
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#6
Aniline
Concen: 25.923 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	412857		
66	40.9	31.4	47.0	
65	21.7	16.5	24.7	





#7

Phenol-d6

Concen: 88.650 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

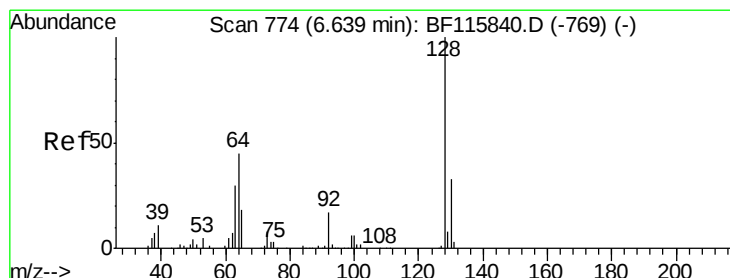
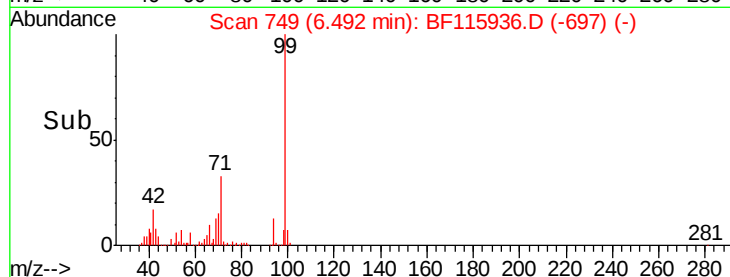
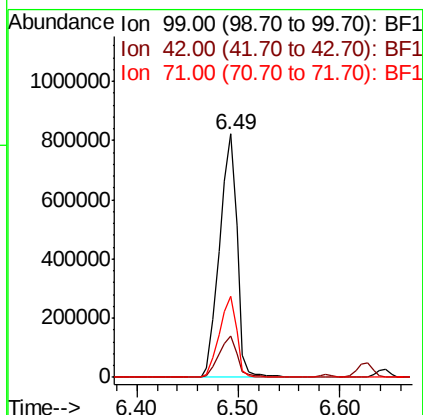
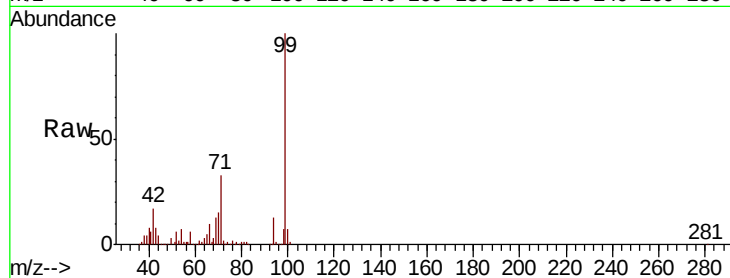
ClientSampleId :

PB121887BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		985876		
42	16.9	13.8	20.6		
71	33.4	27.1	40.7		

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#8

2-Chlorophenol

Concen: 45.364 ng

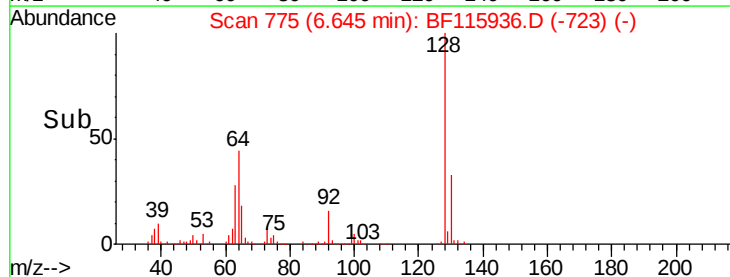
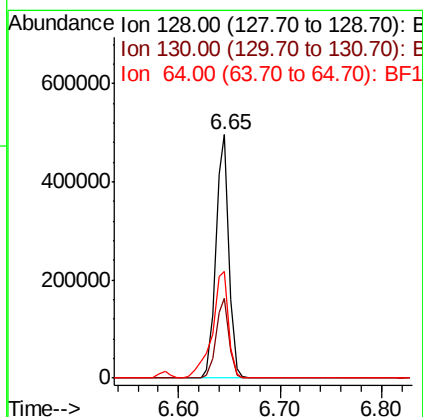
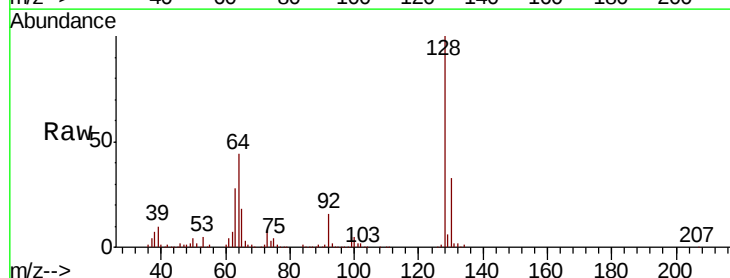
RT: 6.65 min Scan# 775

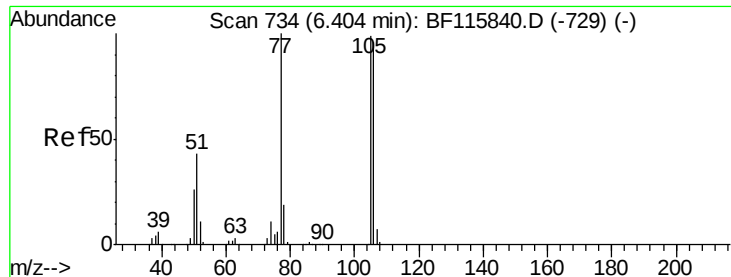
Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		442167		
130	32.7	12.9	52.9		
64	43.6	26.1	66.1		





#9

Benzaldehyde

Concen: 6.745 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

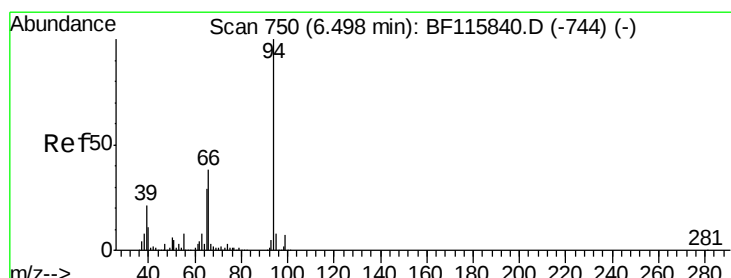
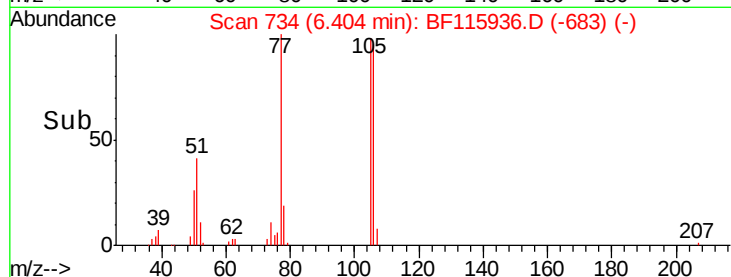
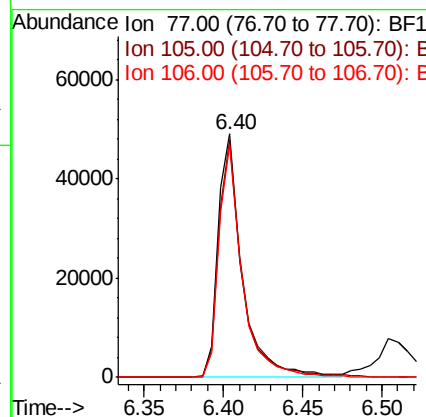
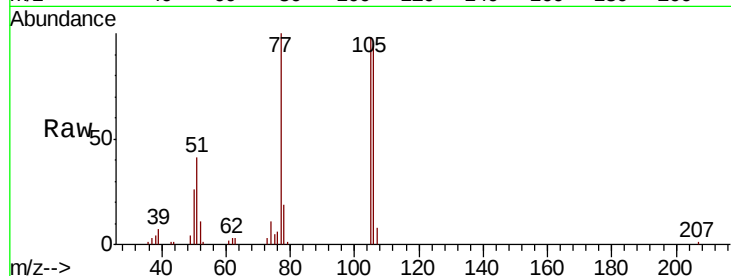
ClientSampleId :

PB121887BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.6		79.0	119.0	
106	95.5		76.2	116.2	

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#10

Phenol

Concen: 42.856 ng

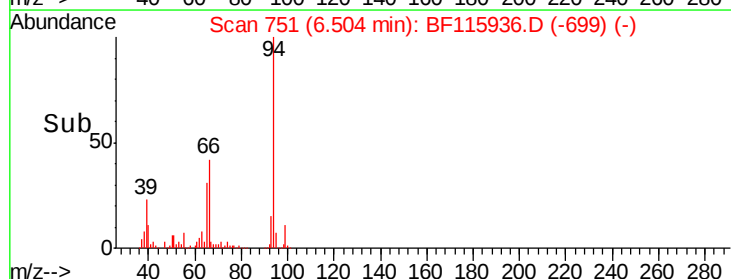
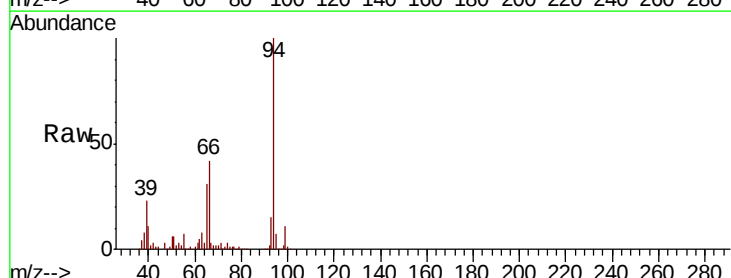
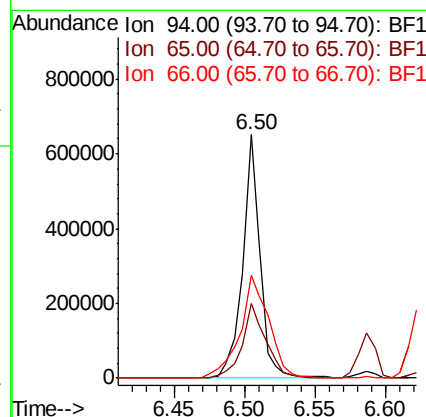
RT: 6.50 min Scan# 751

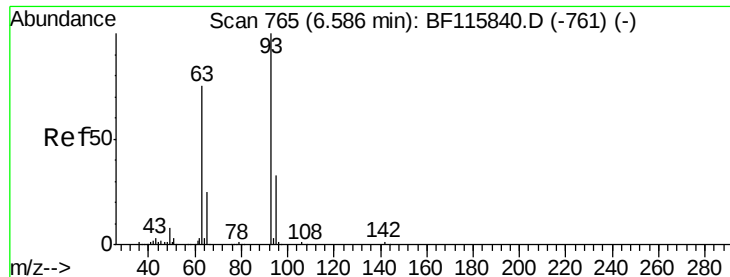
Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.5		8.9	48.9	
66	42.2		18.0	58.0	





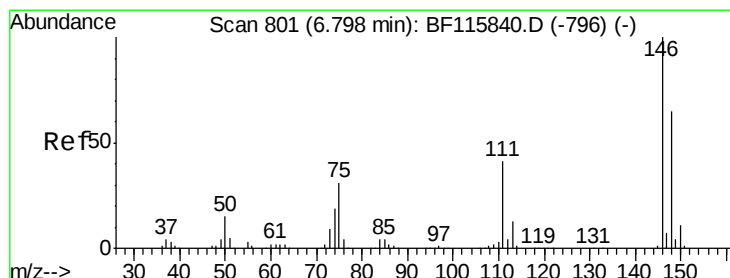
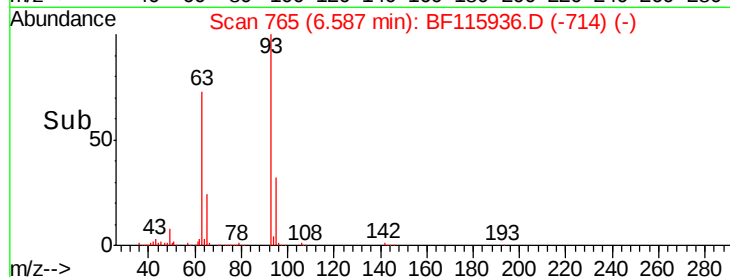
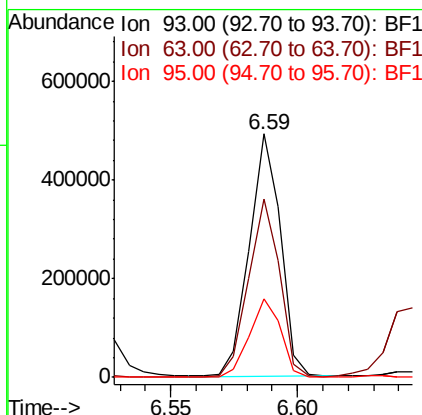
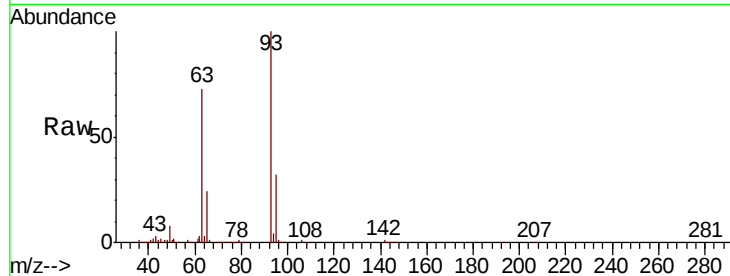
#11
bis(2-Chloroethyl)ether
Concen: 43.602 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.5	54.9	94.9	
95	32.4	13.3	53.3	

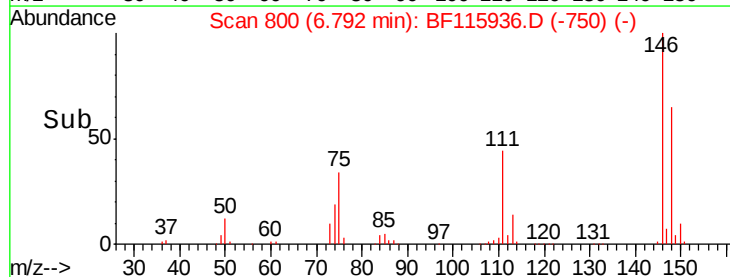
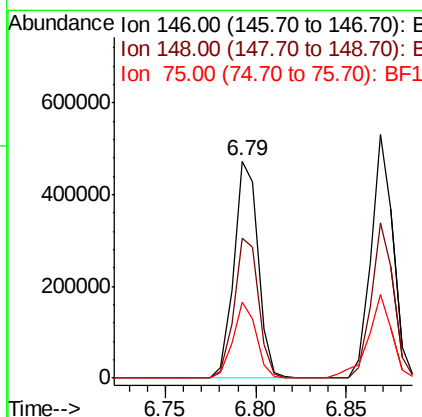
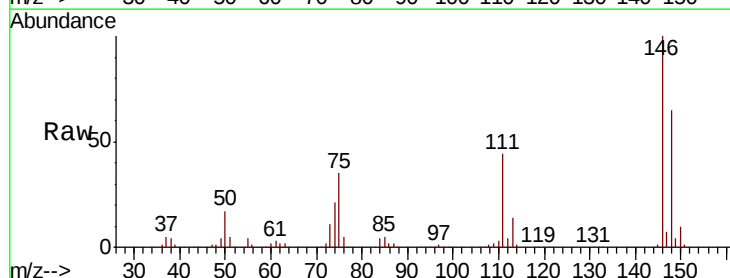
Manual Integrations
APPROVED

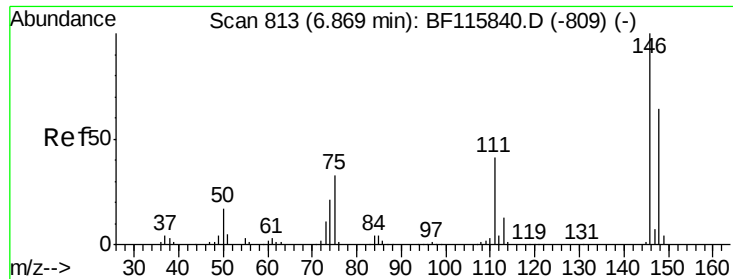
mohammad
8/8/2019 4:44:03 PM



#12
1,3-Dichlorobenzene
Concen: 38.920 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.8	52.1	78.1	
75	34.8	25.0	37.6	





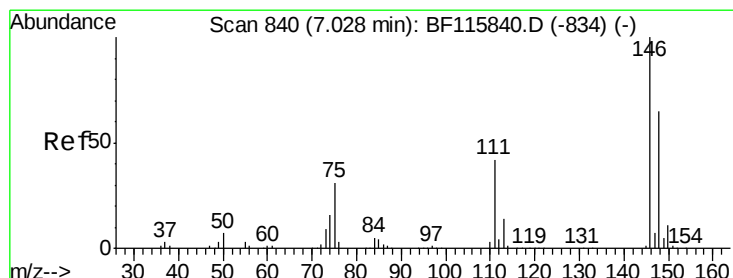
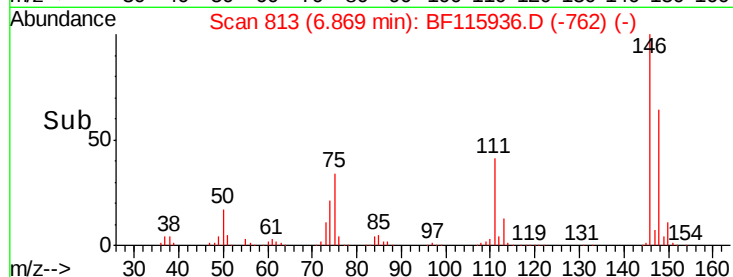
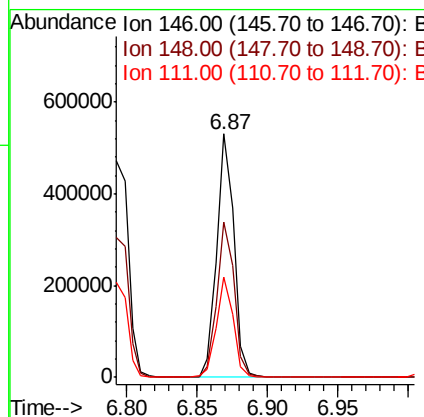
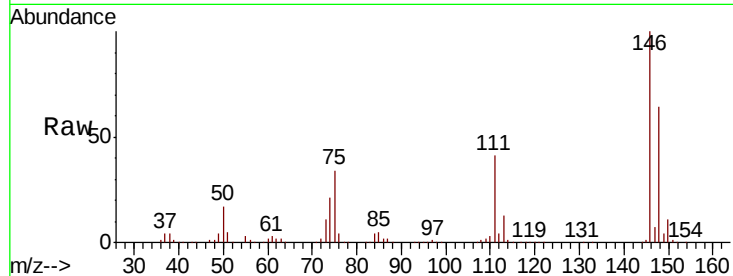
#13
 1,4-Dichlorobenzene
 Concen: 40.024 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	41.1	33.2	49.8

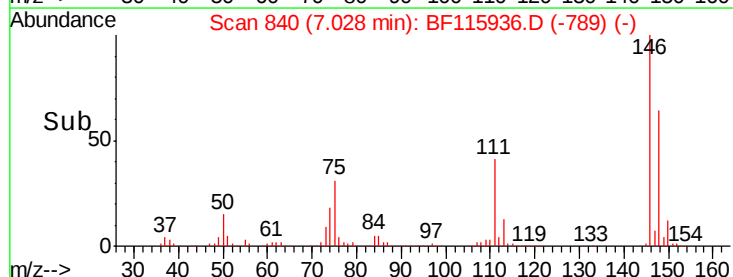
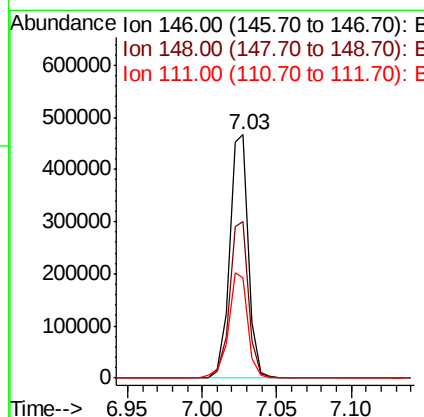
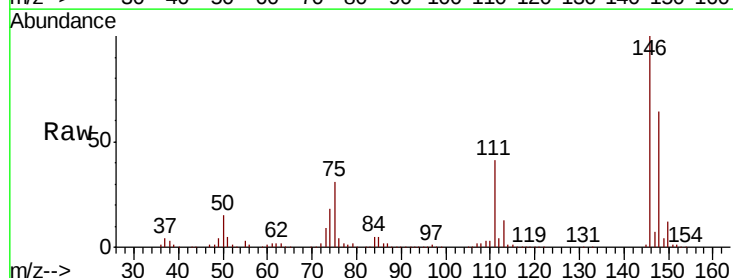
Manual Integrations
 APPROVED

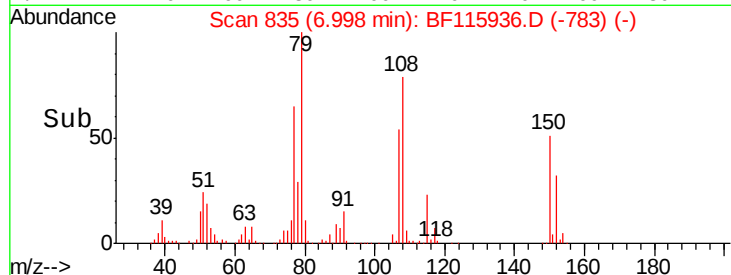
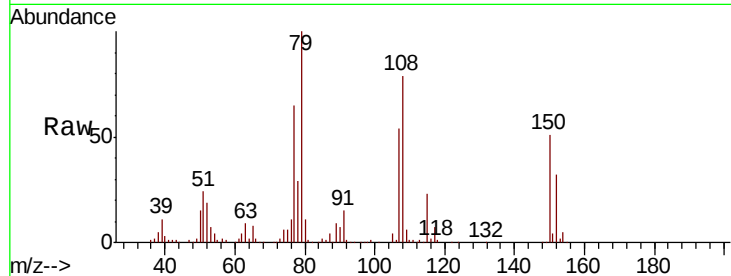
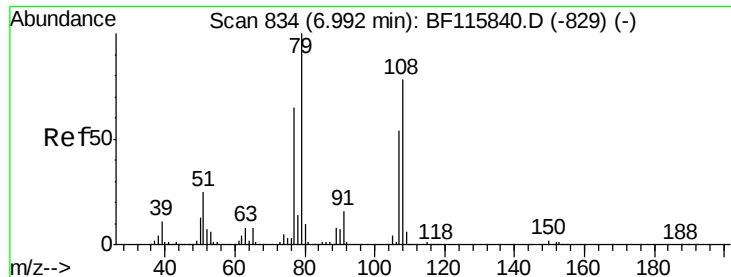
mohammad
 8/8/2019 4:44:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.349 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	41.0	33.6	50.4





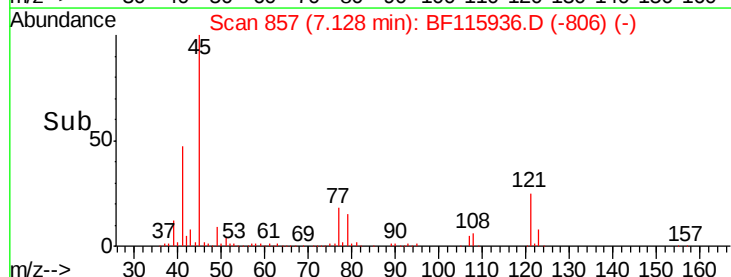
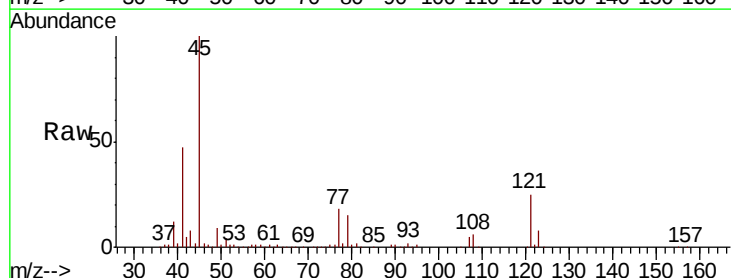
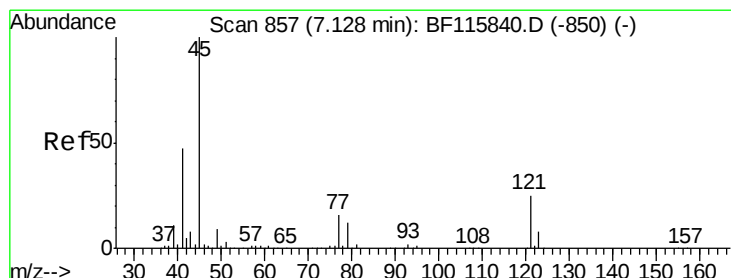
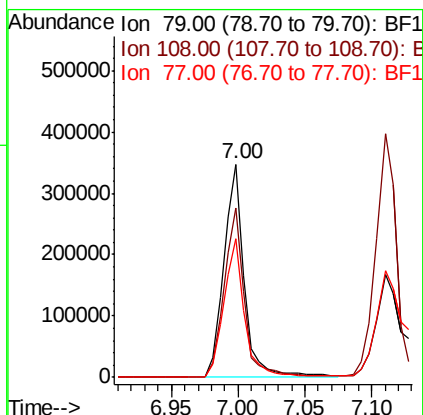
#15
Benzyl Alcohol
Concen: 45.056 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.3	62.8	94.2	
77	65.3	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

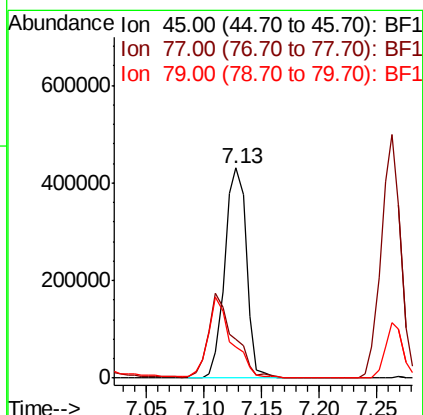
Manual Integrations
APPROVED

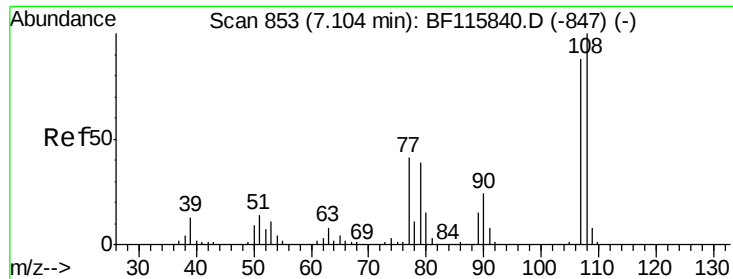
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.672 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.3	0.0	36.3	
79	14.6	0.0	32.5	





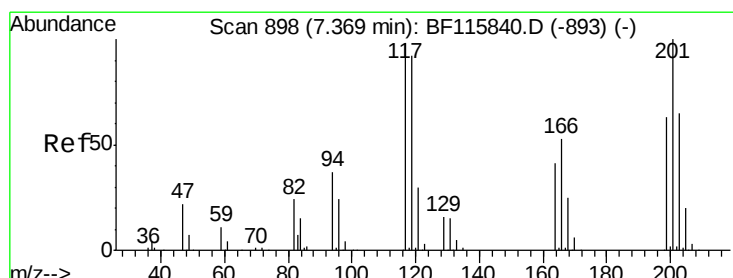
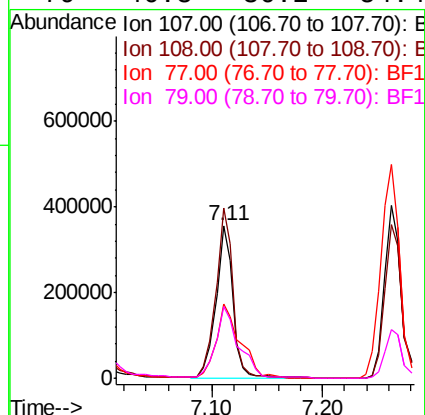
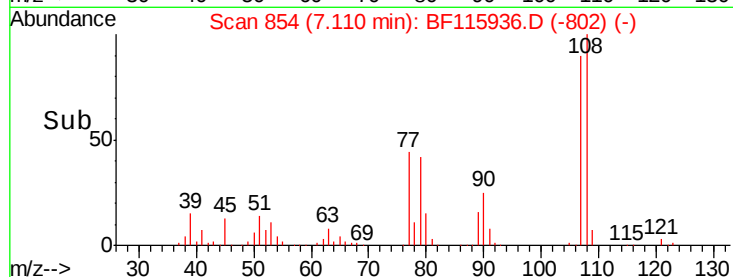
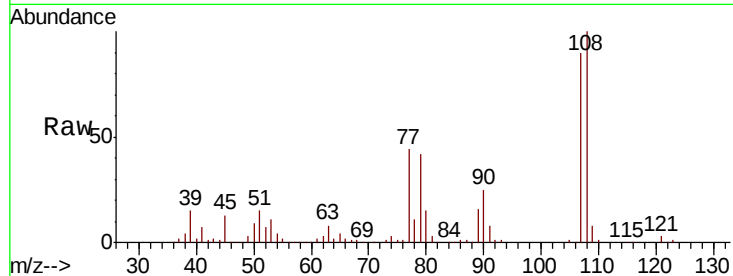
#17
2-Methylphenol
Concen: 45.493 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.4	137.0	
77	48.6	37.6	56.4	
79	46.8	36.2	54.4	

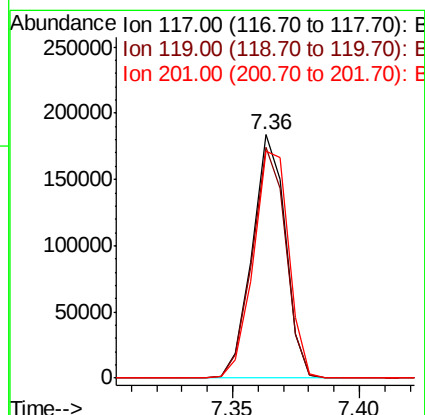
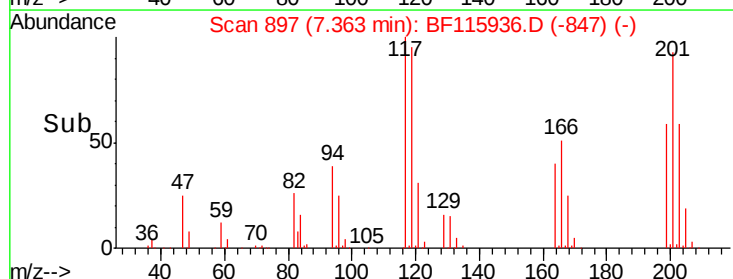
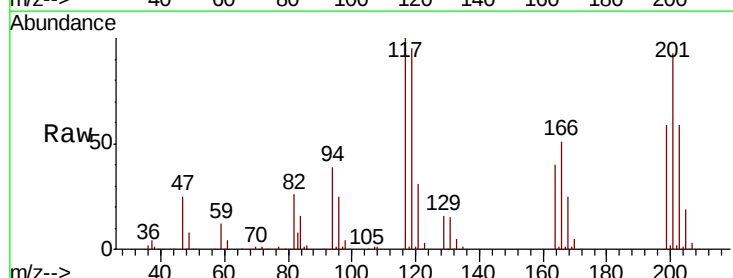
Manual Integrations
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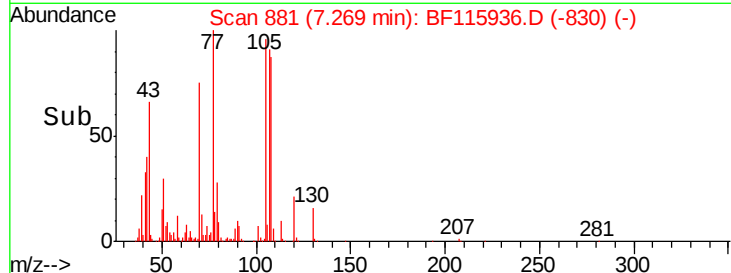
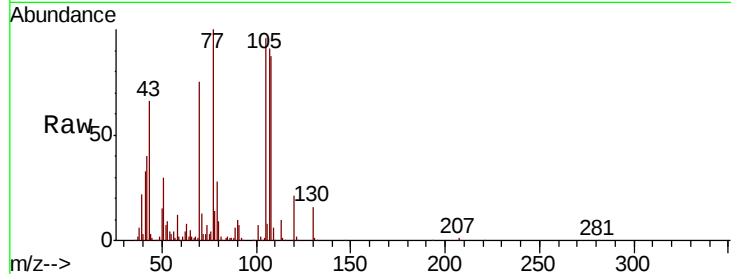
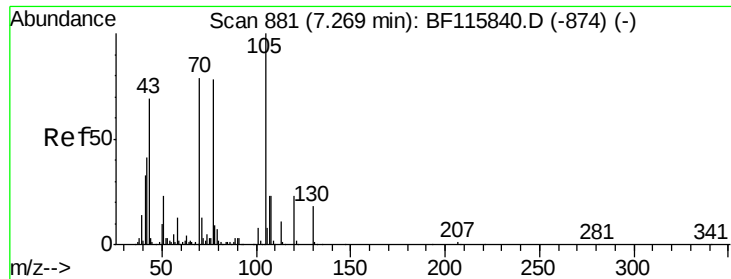
mohammad
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#18
Hexachloroethane
Concen: 40.588 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	75.8	113.6	
201	93.2	82.0	123.0	





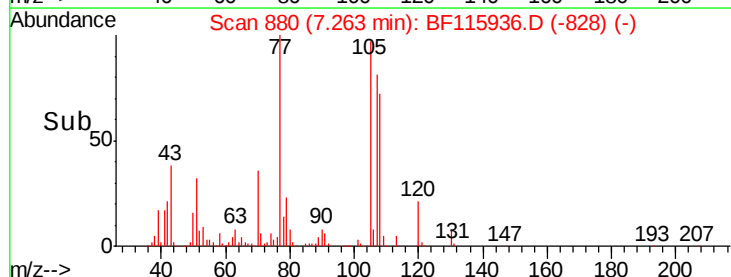
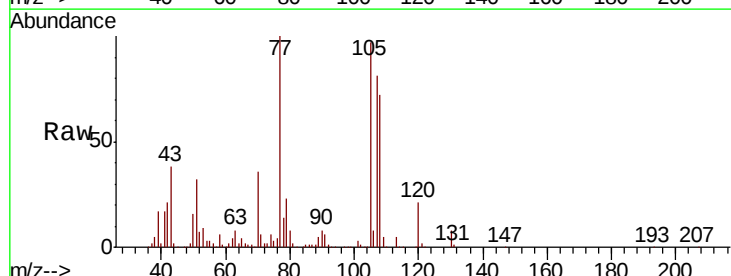
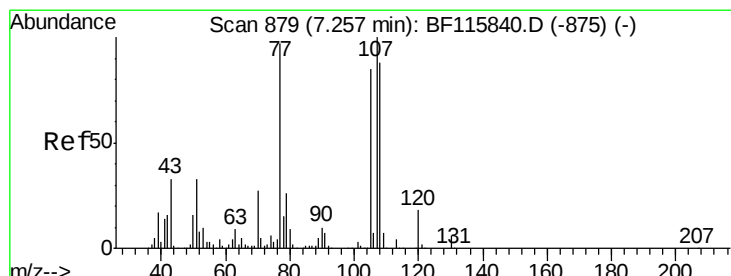
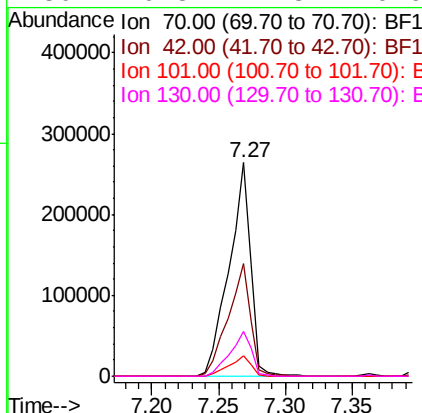
#19
n-Nitroso-di-n-propylamine
Concen: 44.009 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Manual Integrations
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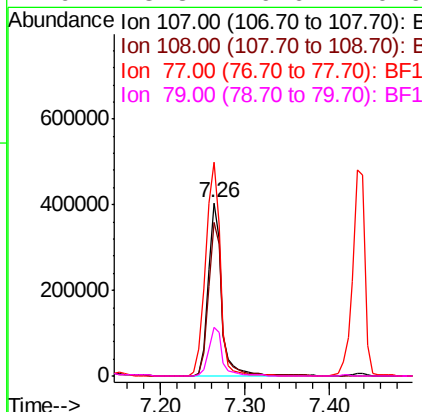
mohammad
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.0	41.8	62.8		
101	9.3	7.7	11.5		
130	20.8	17.8	26.6		



#20
3+4-Methylphenols
Concen: 45.351 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8	67.9	107.9		
77	123.3	77.3	117.3#		
79	28.3	6.6	46.6		





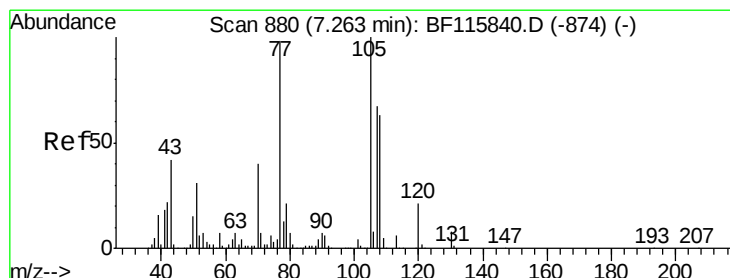
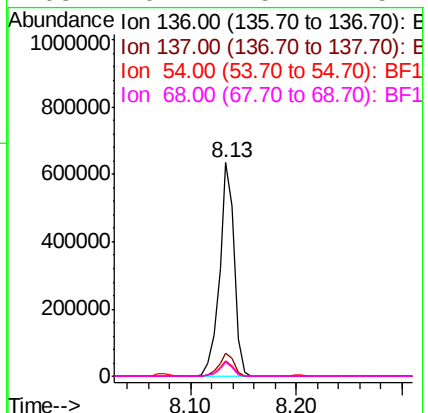
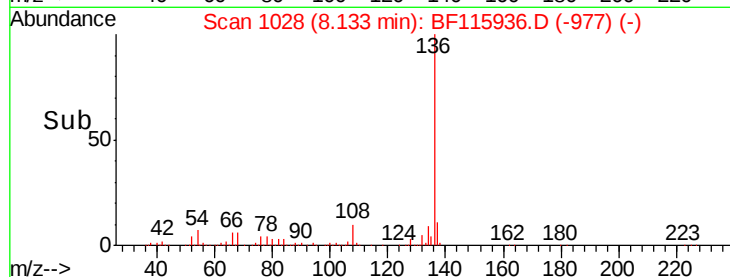
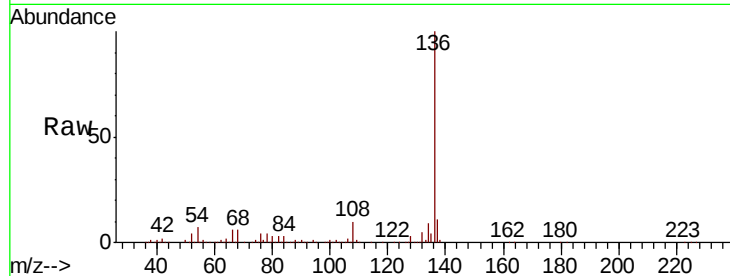
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		619220		
137	11.1	9.1	13.7		
54	7.4	6.1	9.1		
68	6.4	5.4	8.2		

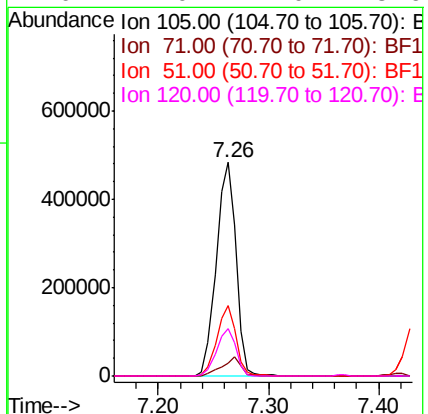
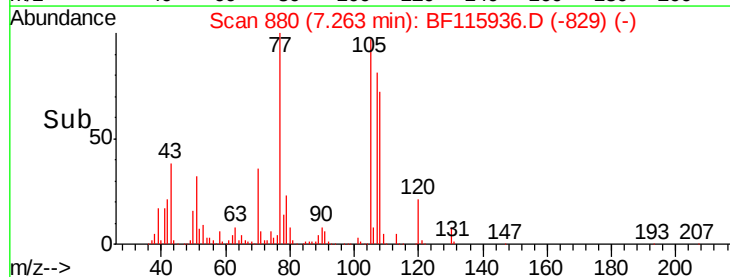
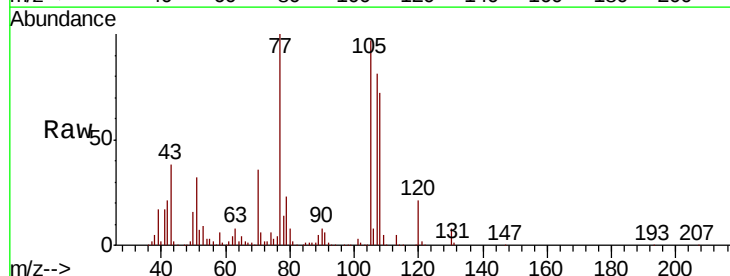
Manual Integrations
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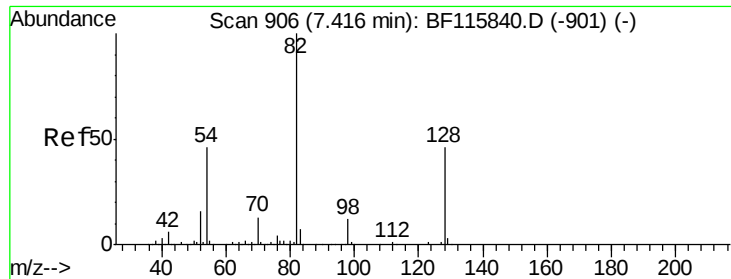
mohammad
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#22
Acetophenone
Concen: 44.070 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		598491		
71	6.2	5.4	8.0		
51	33.0	24.6	36.8		
120	22.0	17.0	25.6		





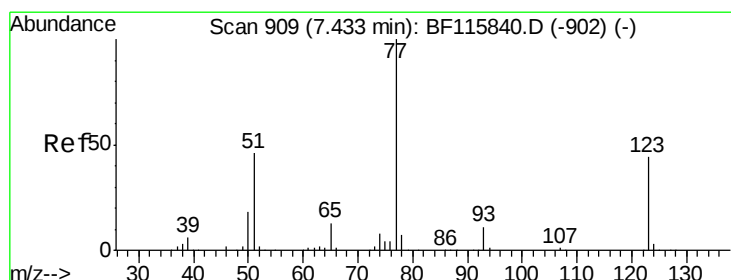
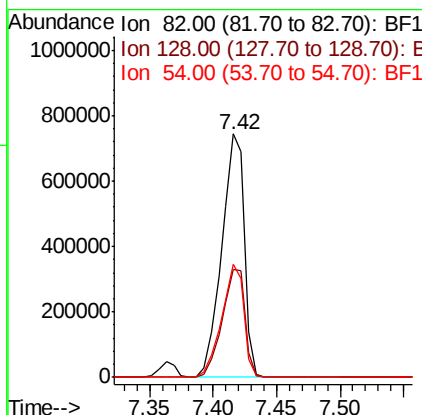
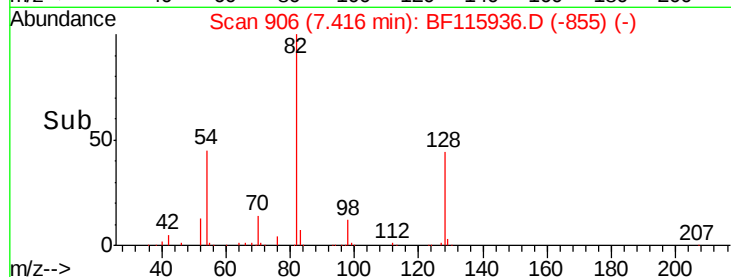
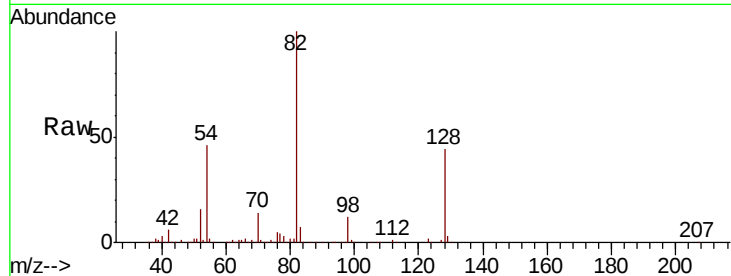
#23
Nitrobenzene-d5
Concen: 85.400 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.6	55.0
54	46.4	36.6	55.0

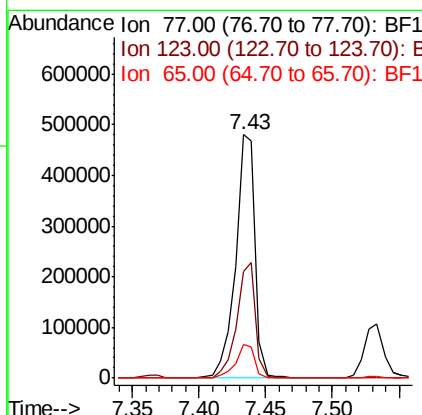
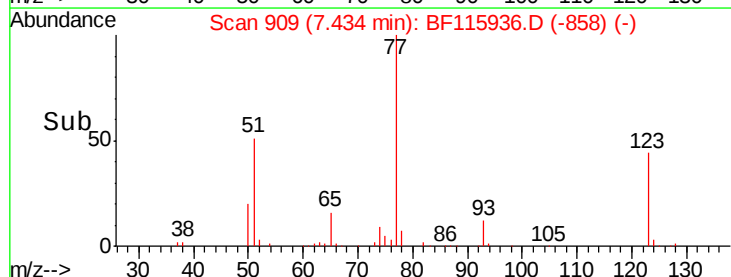
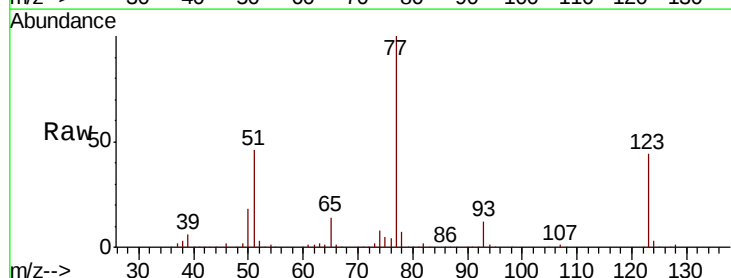
Manual Integrations
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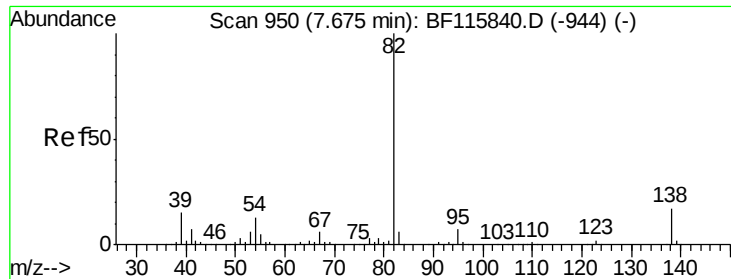
mohammad
8/8/2019 4:44:03 PM



#24
Nitrobenzene
Concen: 42.096 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.5	53.3
65	13.8	10.6	15.8





#25

Isophorone

Concen: 43.930 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

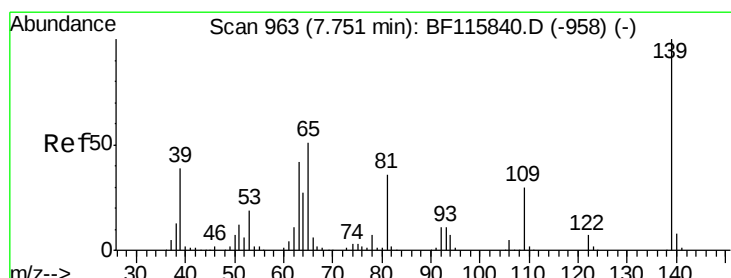
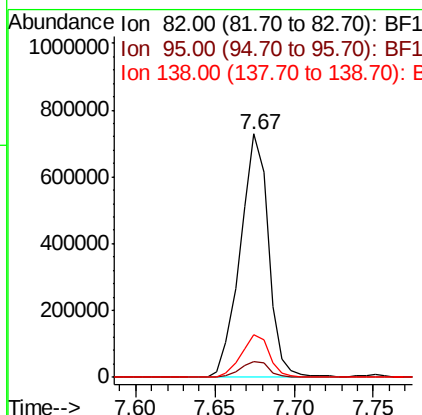
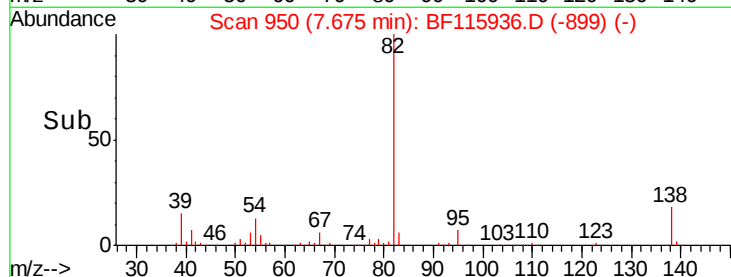
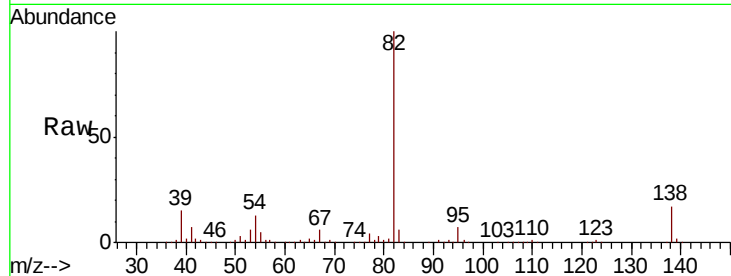
ClientSampleId :

PB121887BSD

Tot Ion:	82	Resp:	901119
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.5	8.3
138	17.3	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.565 ng

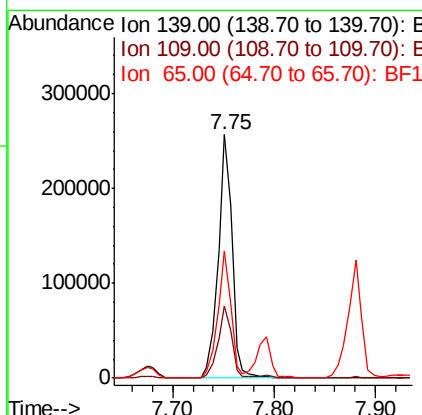
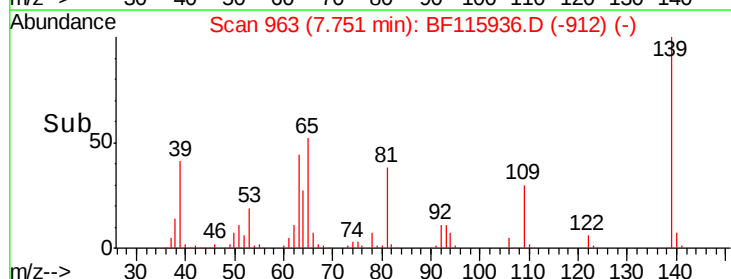
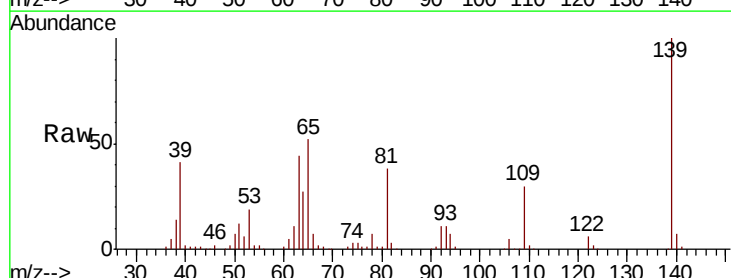
RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion:	139	Resp:	243326
Ion Ratio		Lower	Upper
139	100		
109	29.6	23.6	35.4
65	52.2	40.6	60.8





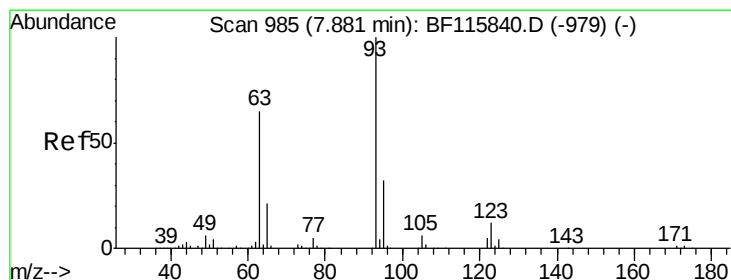
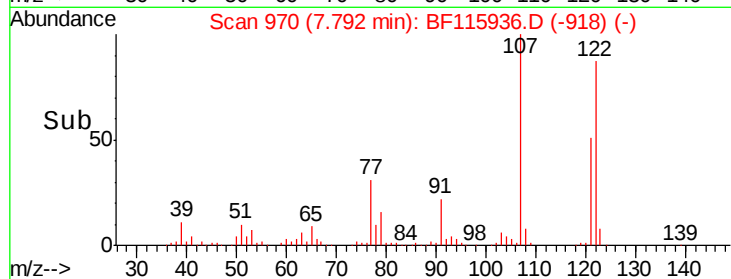
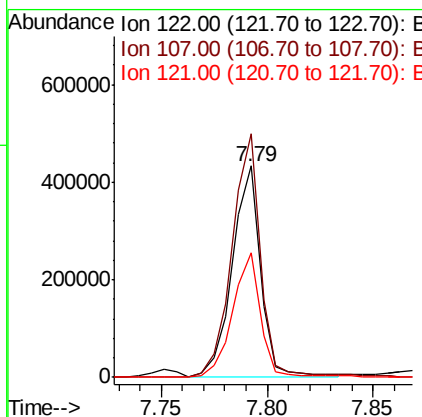
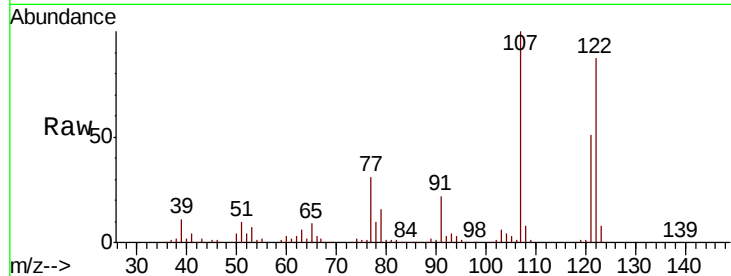
#27
 2,4-Dimethylphenol
 Concen: 48.972 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	402283		
107	115.1	91.7	137.5	
121	58.8	46.6	70.0	

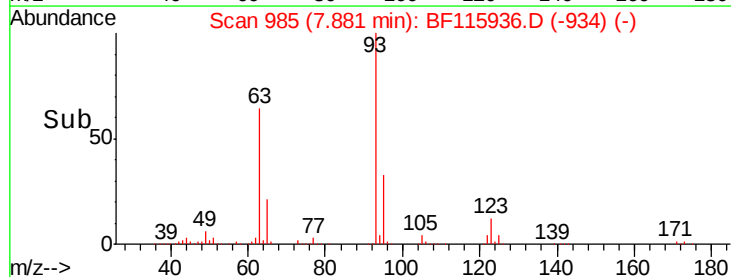
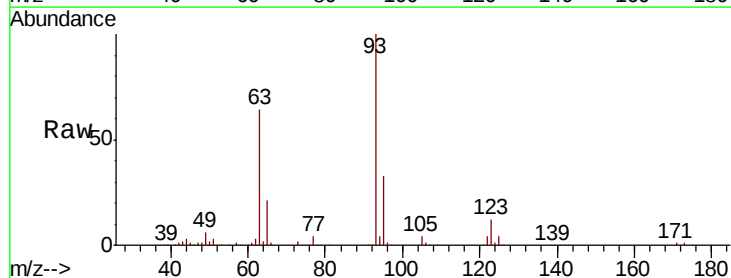
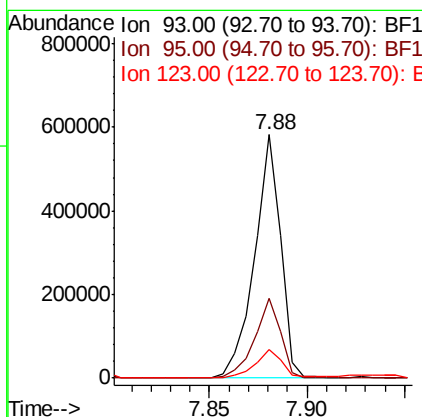
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.531 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	540737		
95	32.9	26.0	39.0	
123	11.8	9.5	14.3	





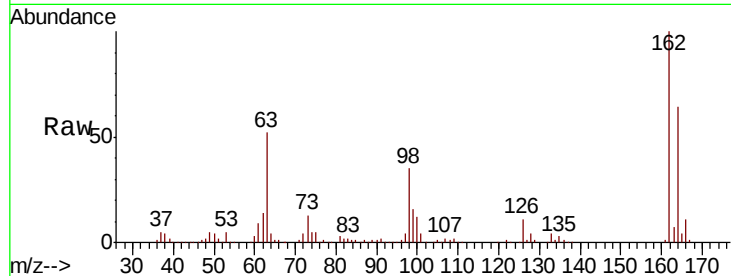
#29
 2,4-Dichlorophenol
 Concen: 44.890 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	43.2	83.2
98	35.2	17.3	57.3

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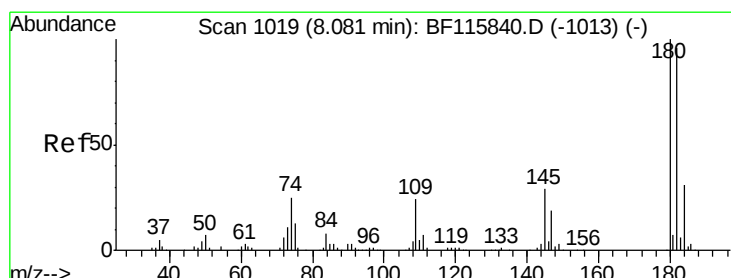
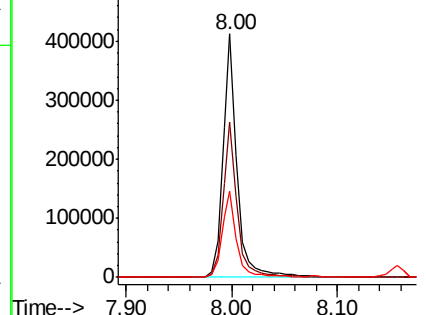
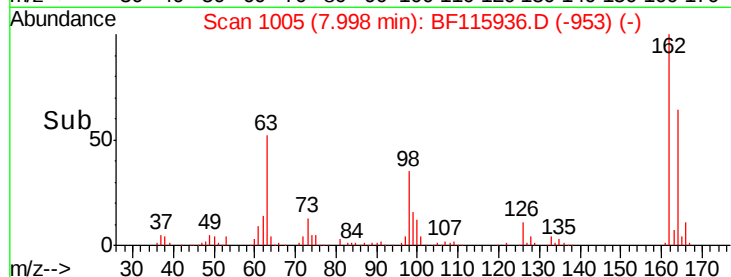


Abundance

Ion 162.00 (161.70 to 162.70): E

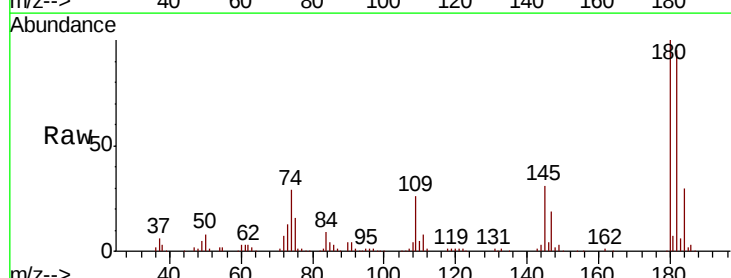
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.928 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	76.6	114.8
145	30.6	23.2	34.8

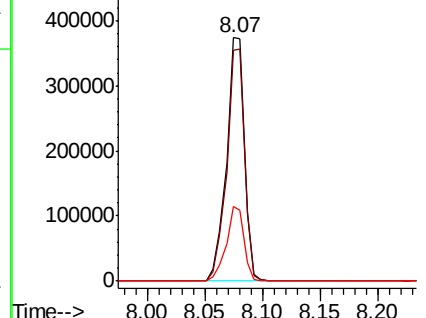
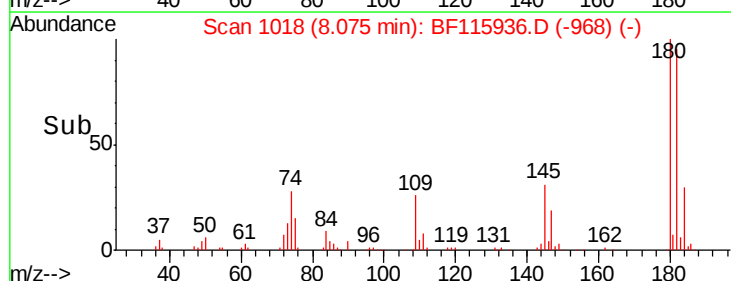


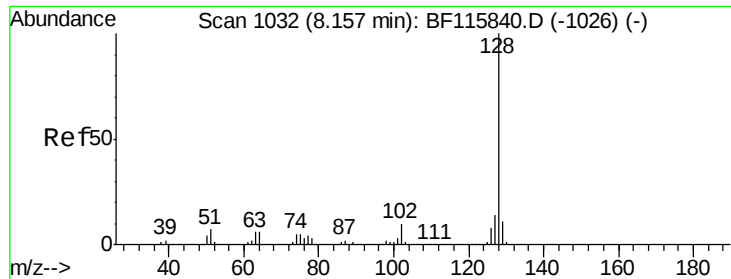
Abundance

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





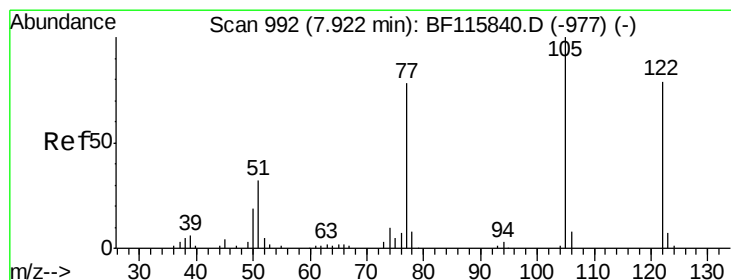
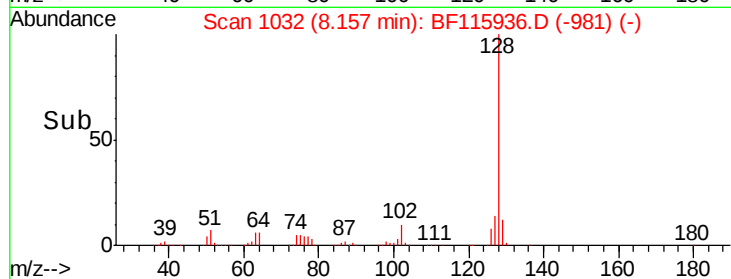
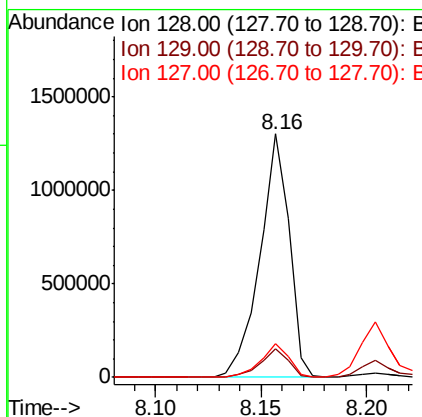
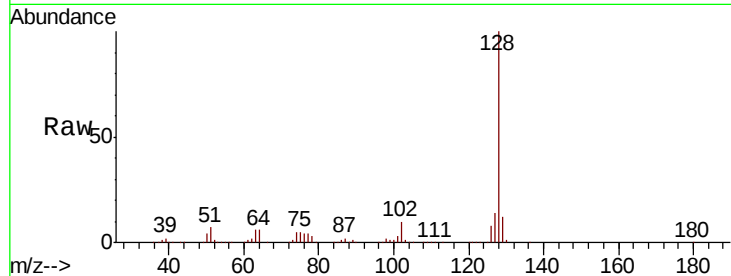
#31
Naphthalene
Concen: 43.154 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.7	11.0	16.4

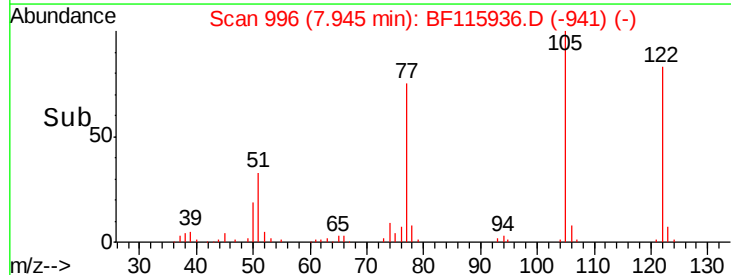
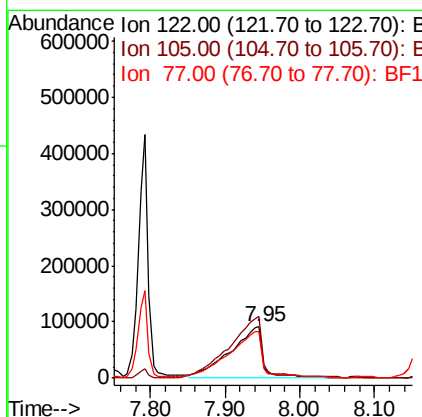
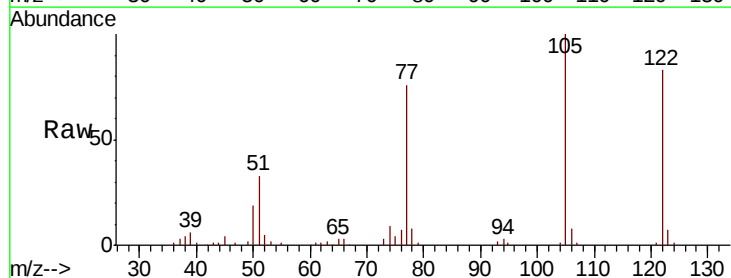
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#32
Benzoic acid
Concen: 47.125 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	103.1	143.1
77	91.9	76.8	116.8





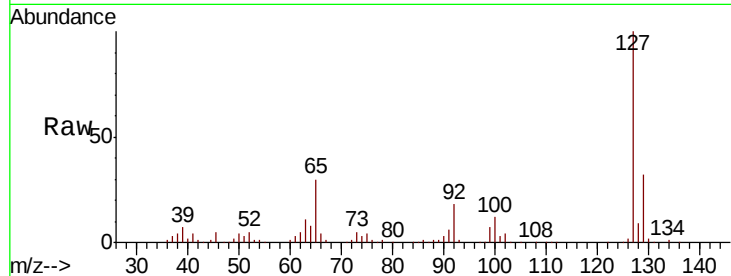
#33
4-Chloroaniline
Concen: 25.379 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

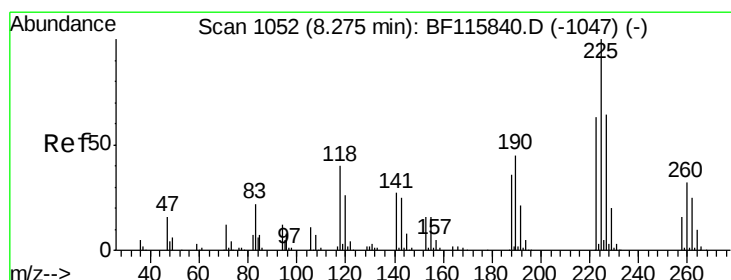
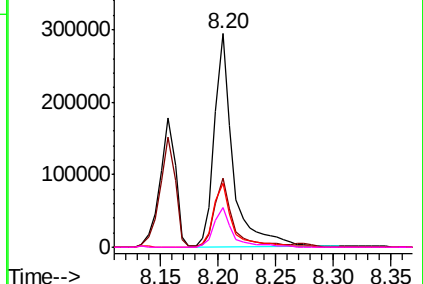
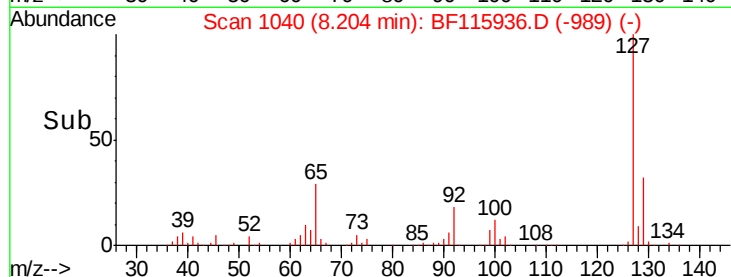
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		330421		
129	32.1	26.0	39.0		
65	29.8	23.9	35.9		
92	18.5	14.9	22.3		

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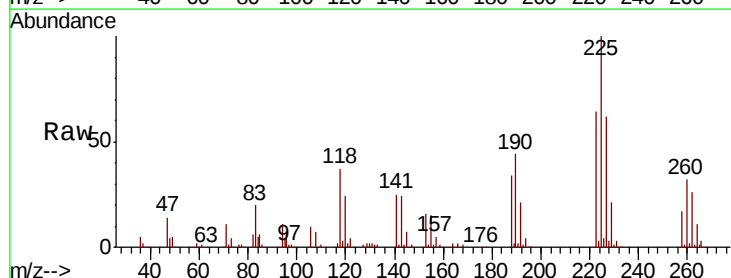


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

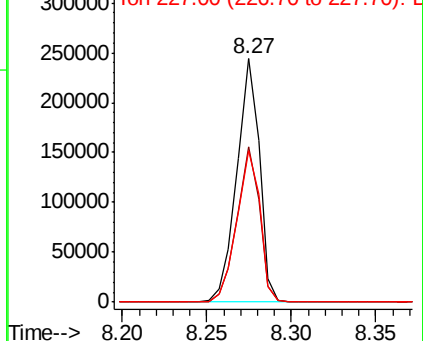
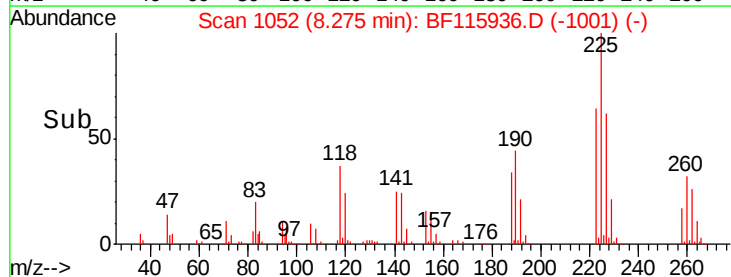


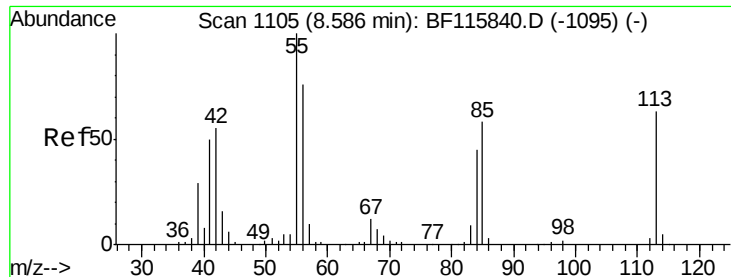
#34
Hexachlorobutadiene
Concen: 40.079 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		228246		
223	63.8	50.4	75.6		
227	62.4	51.6	77.4		



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





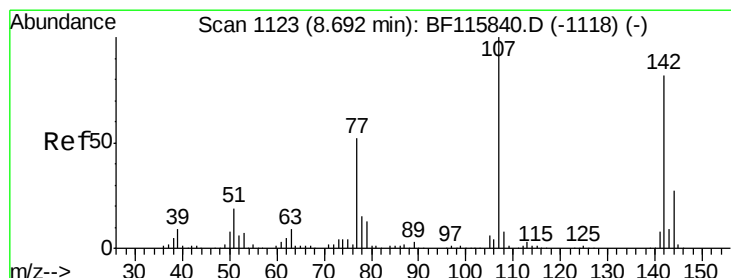
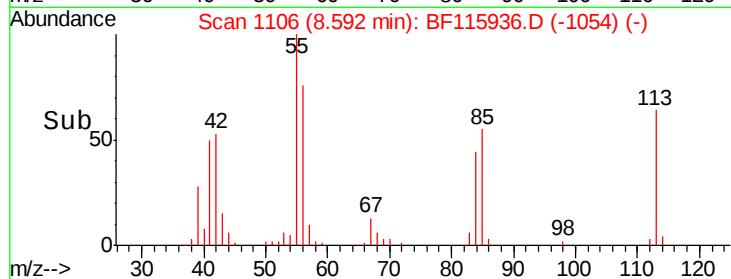
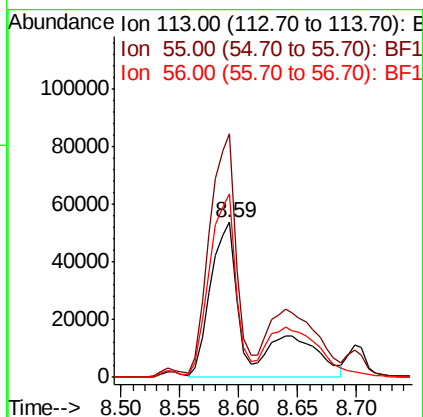
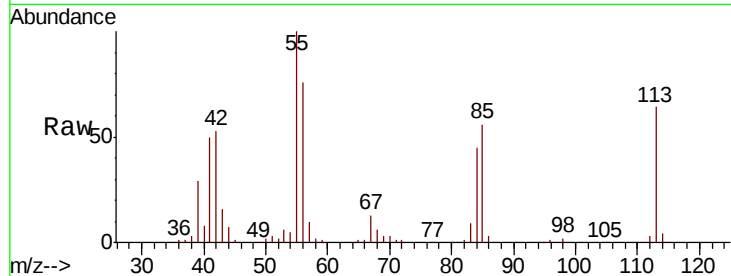
#35
Caprolactam
Concen: 44.829 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.9	138.1	178.1
56	118.6	100.6	140.6

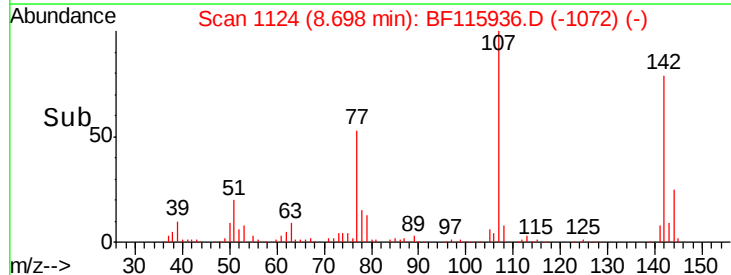
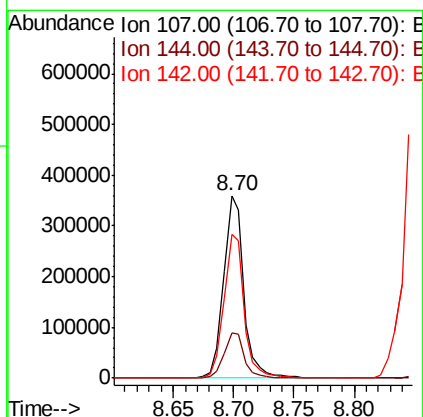
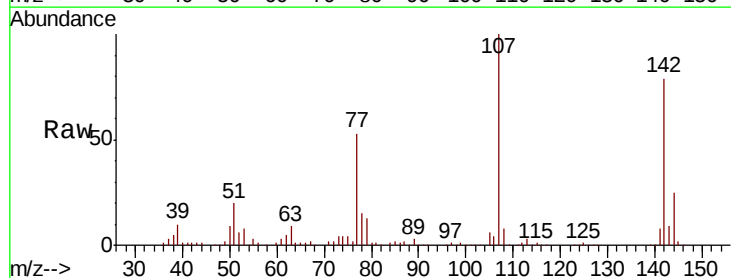
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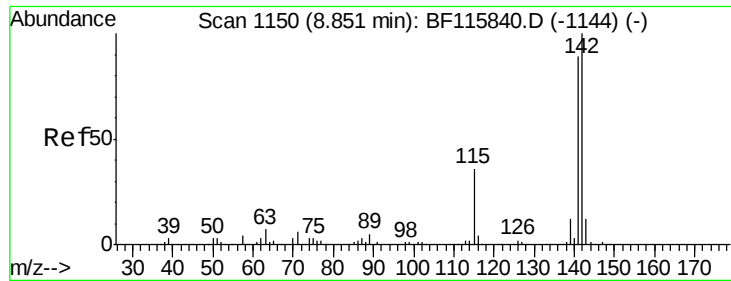
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#36
4-Chloro-3-methylphenol
Concen: 46.058 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.4	32.0
142	78.7	65.5	98.3





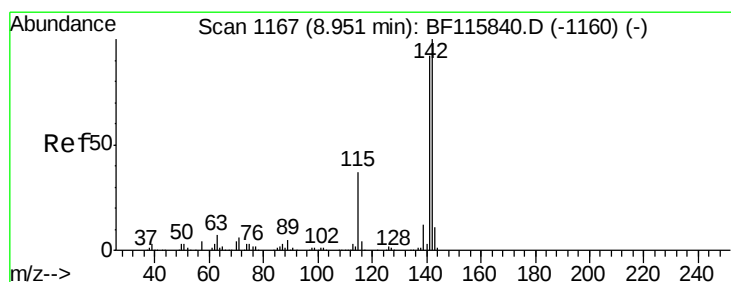
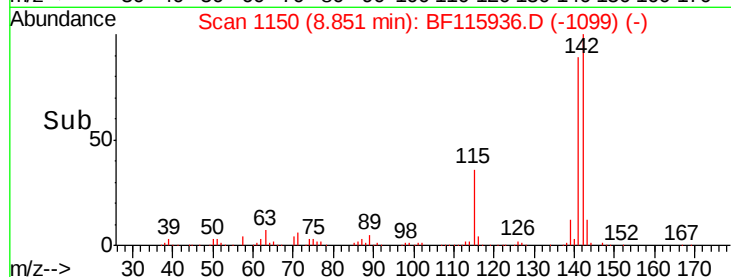
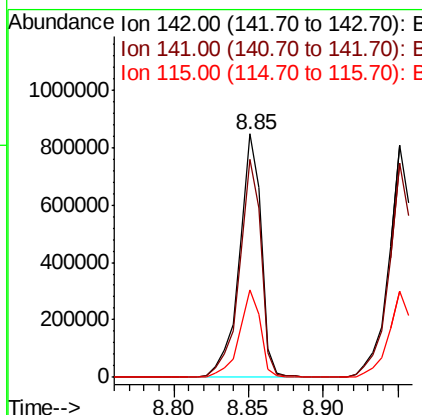
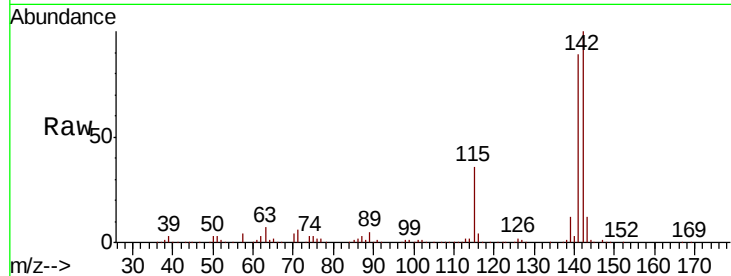
#37
2-Methylnaphthalene
Concen: 44.816 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	35.8	28.9	43.3

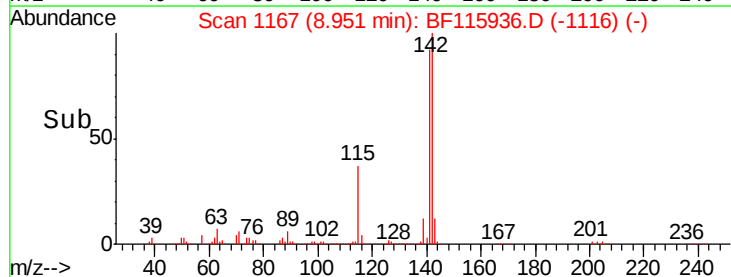
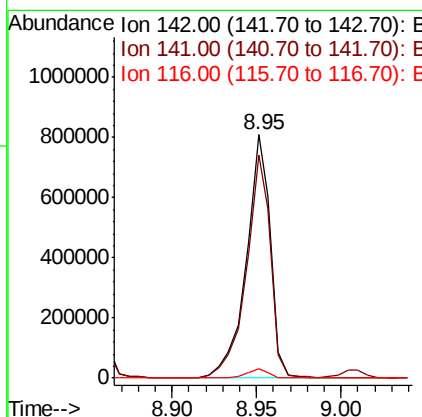
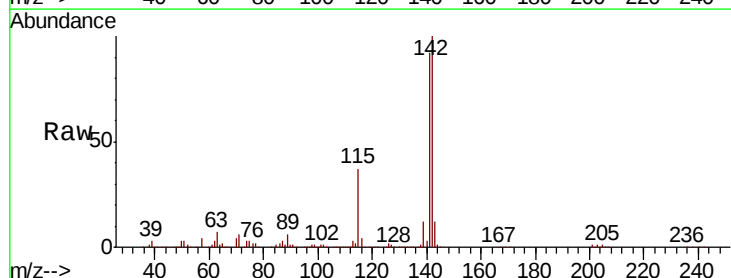
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#38
1-Methylnaphthalene
Concen: 44.344 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6
116	3.9	3.1	4.7





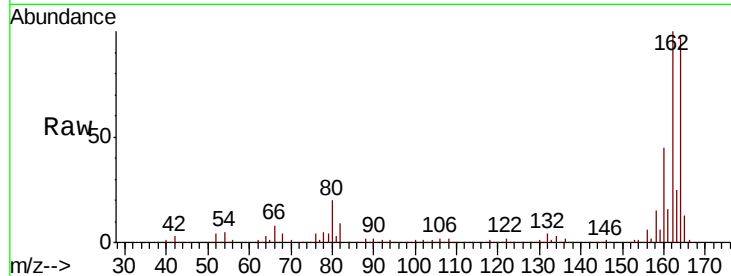
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.8	121.2
160	46.3	36.2	54.4

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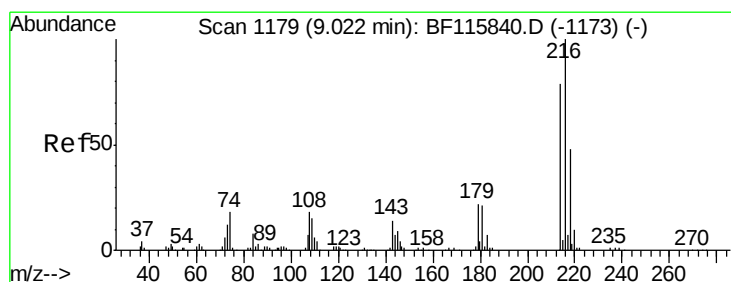
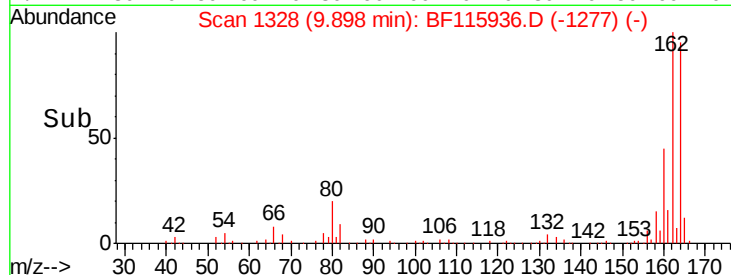
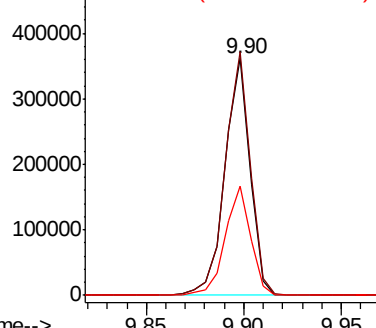


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.734 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.8	94.2
179	21.9	17.6	26.4
108	20.6	16.1	24.1

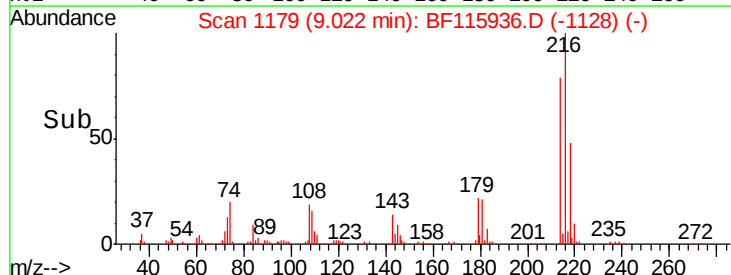
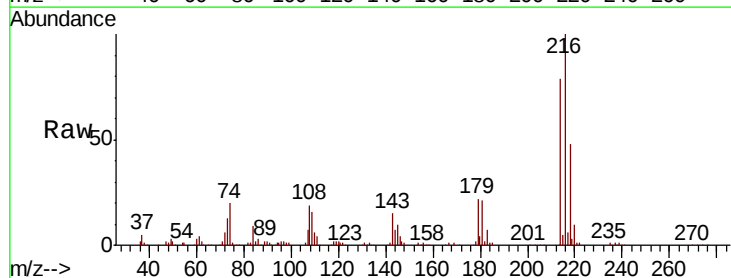
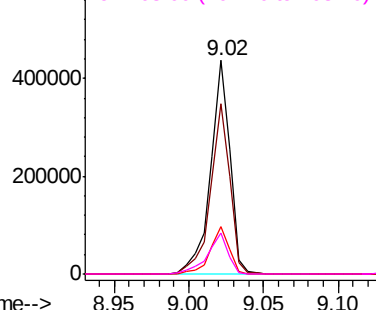
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 51.996 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

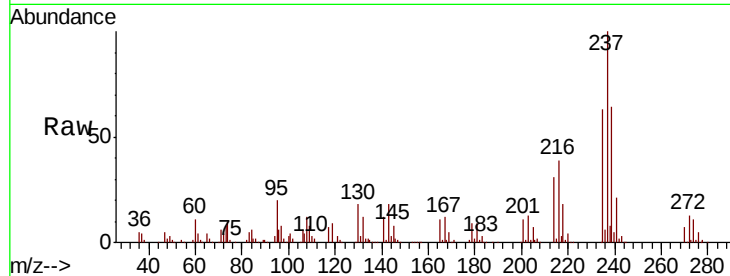
ClientSampleId :

PB121887BSD

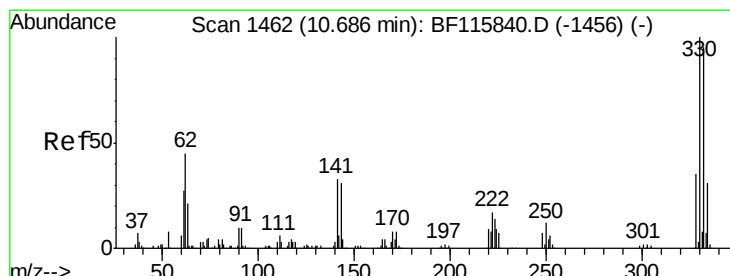
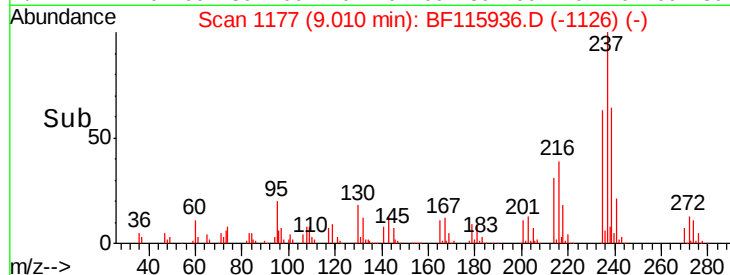
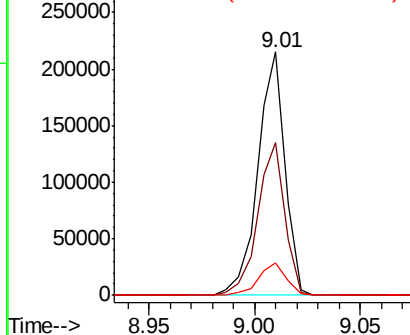
Tot Ion:	237	Resp:	192454
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.5	82.5
272	13.5	0.0	33.3

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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: 91.495 ng

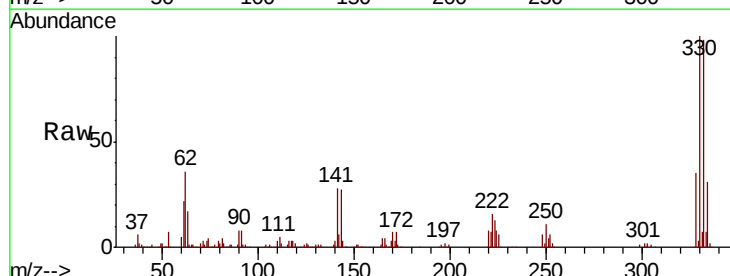
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

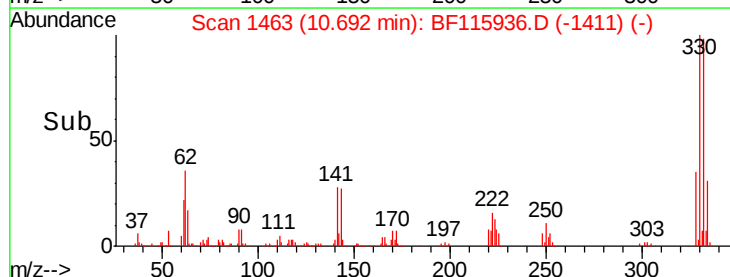
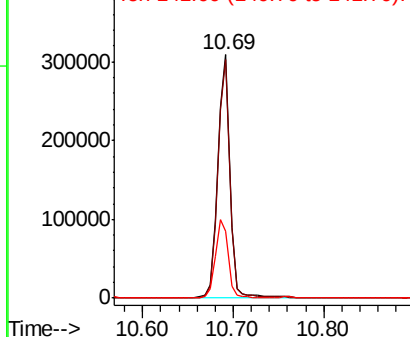
Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion:	330	Resp:	285884
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.7	116.5
141	34.4	28.1	42.1



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





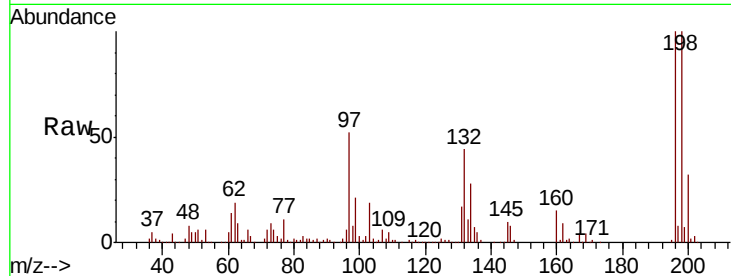
#43
 2,4,6-Trichlorophenol
 Concen: 44.926 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	266429		
198	100.1	79.1	118.7	
200	32.0	26.0	39.0	

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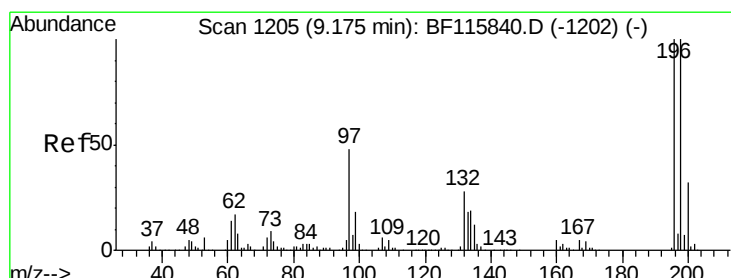
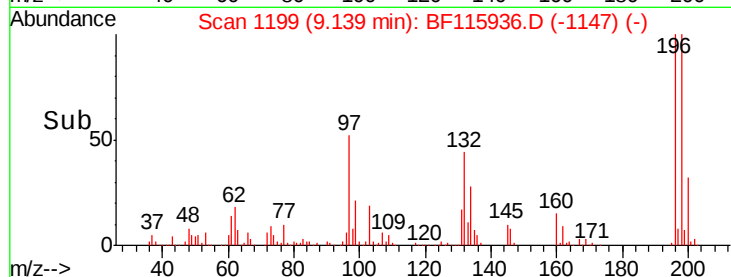
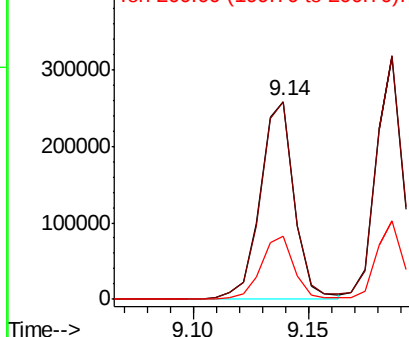


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.637 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	279765		
198	100.5	80.1	120.1	
97	47.1	38.9	58.3	
132	28.2	22.6	33.8	

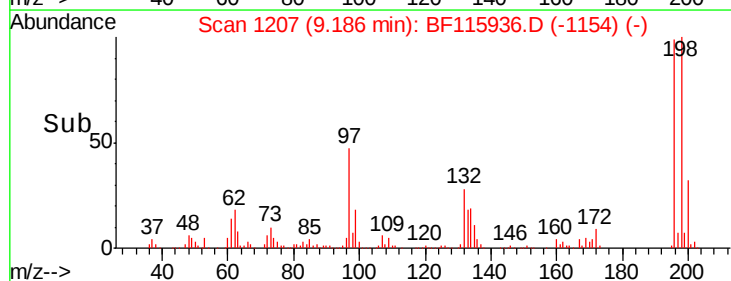
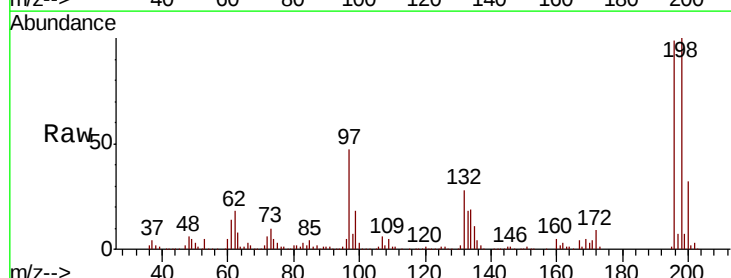
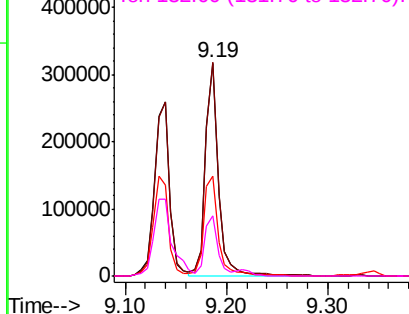
Abundance

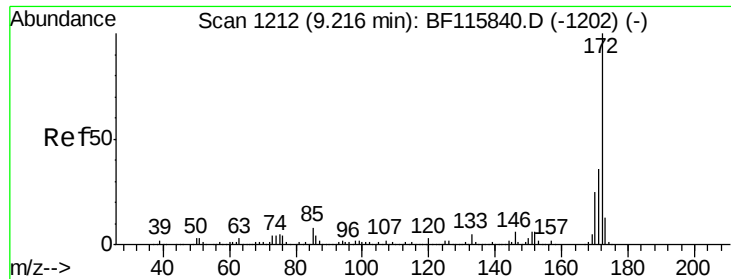
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





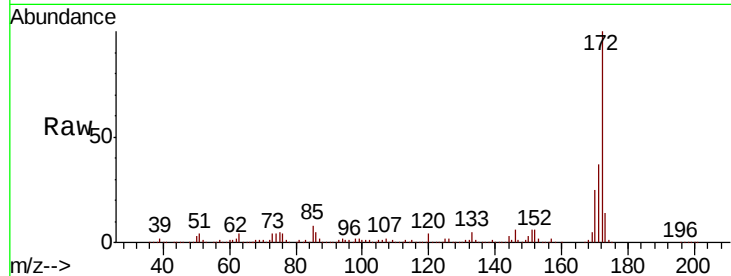
#45
2-Fluorobiphenyl
Concen: 92.767 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.2	20.1	30.1

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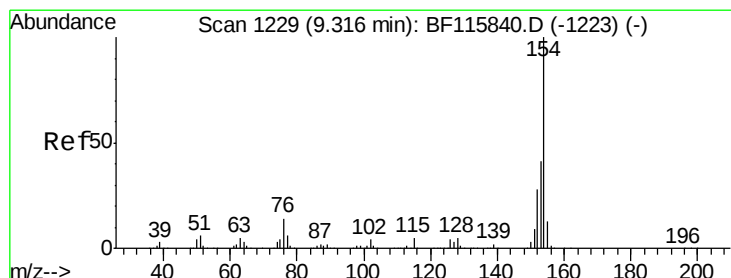
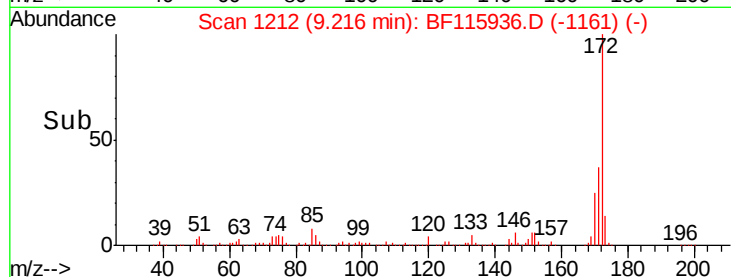
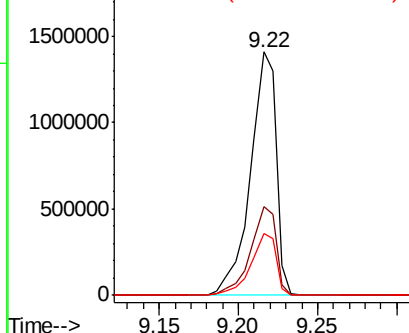


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.890 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

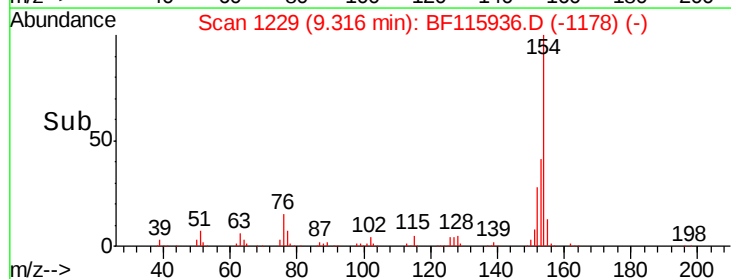
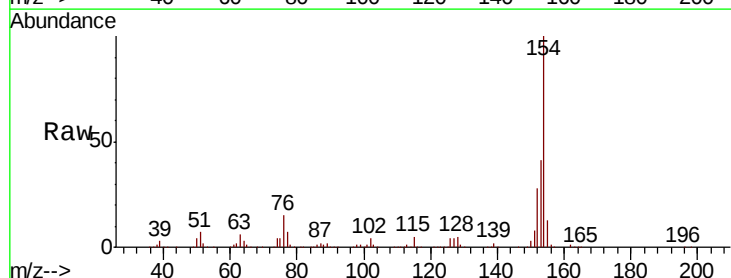
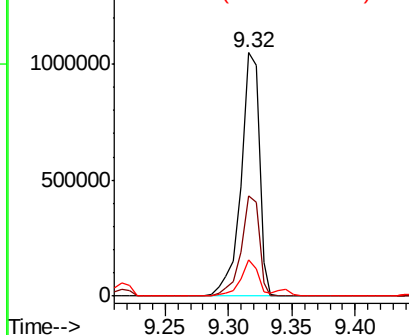
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	14.9	0.0	34.3

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





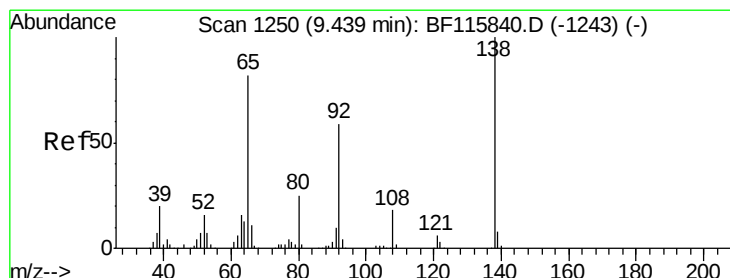
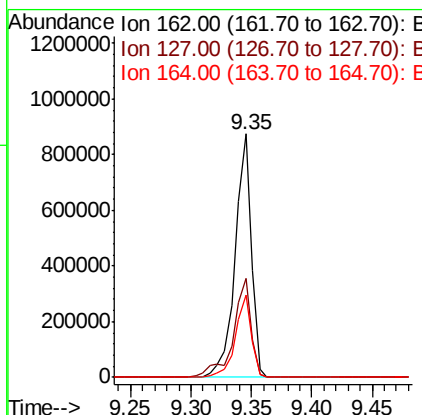
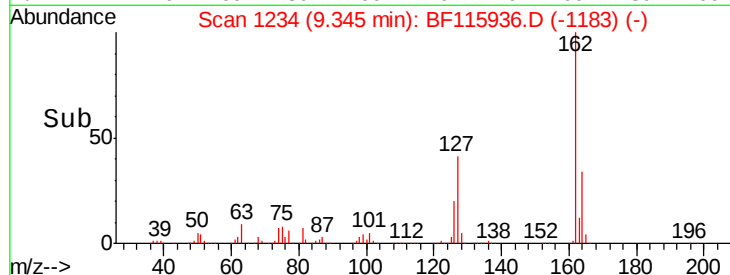
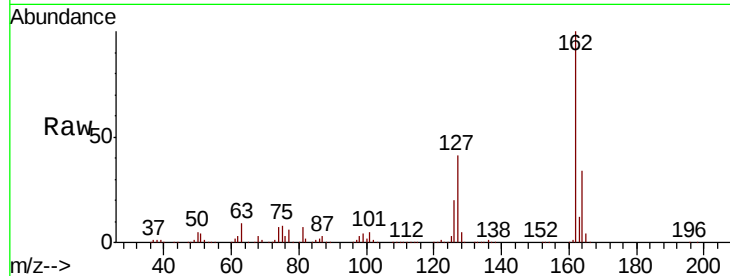
#47
 2-Chloronaphthalene
 Concen: 43.513 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	31.3	46.9	
164	33.6	26.6	40.0	

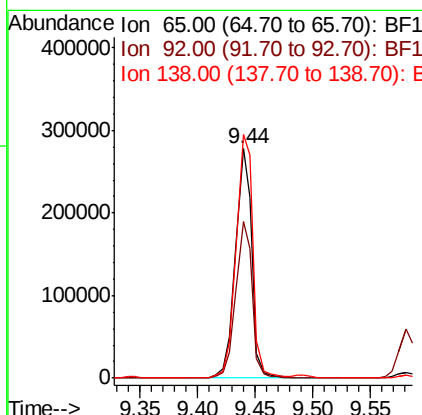
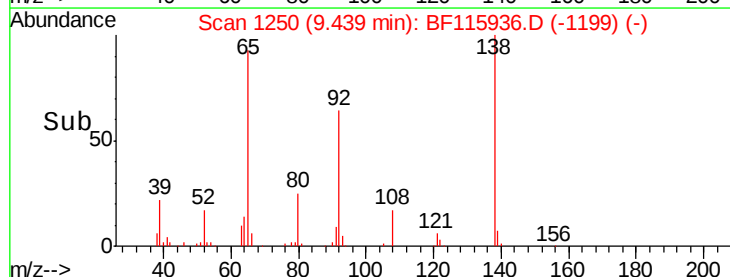
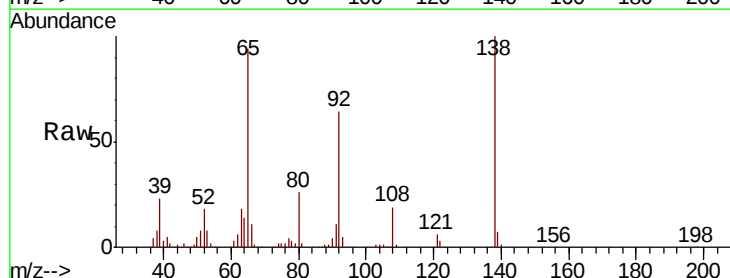
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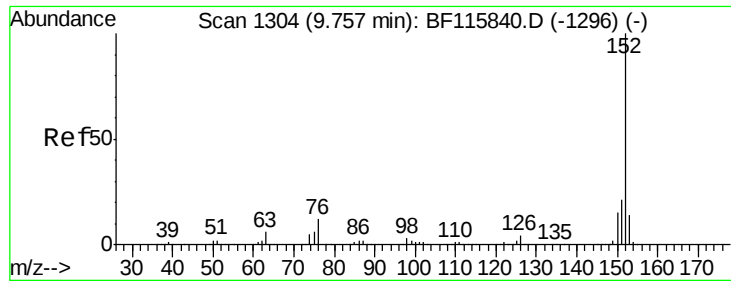
mohammad
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#48
 2-Nitroaniline
 Concen: 43.437 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.3	57.1	85.7	
138	106.3	97.1	145.7	





#49

Acenaphthylene

Concen: 45.412 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

Tot Ion:152 Resp: 1254609

Ion Ratio Lower Upper

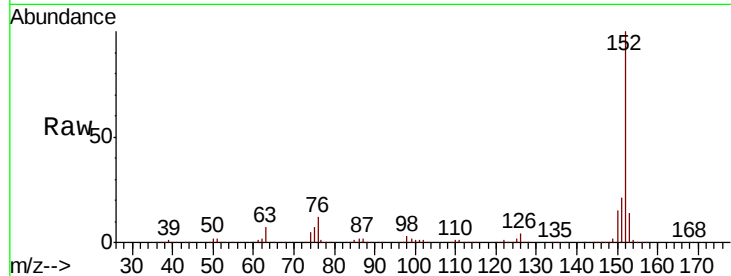
152 100

151 20.7 16.8 25.2

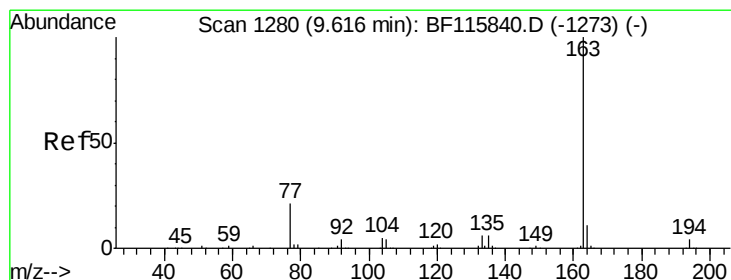
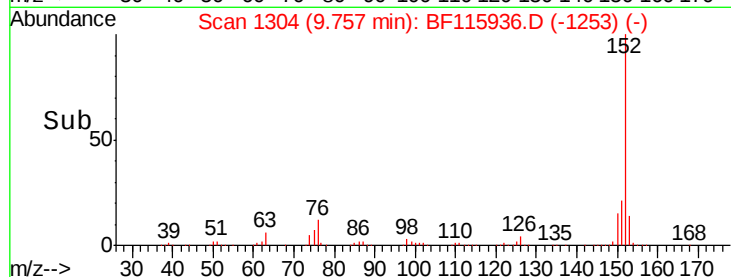
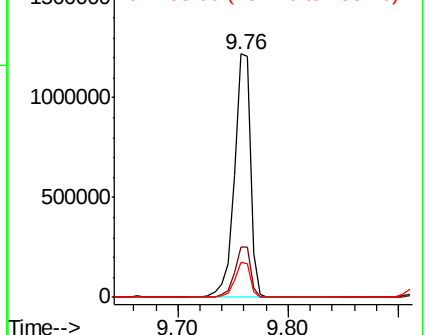
153 14.4 11.6 17.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.674 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

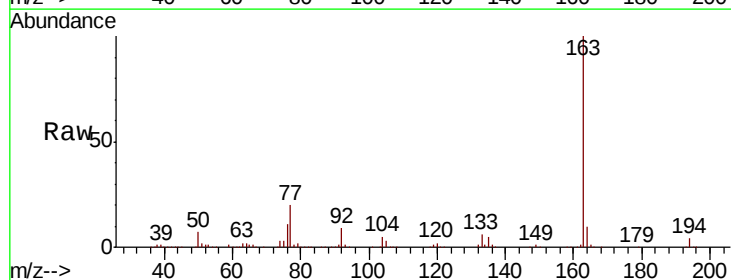
Tgt Ion:163 Resp: 1002246

Ion Ratio Lower Upper

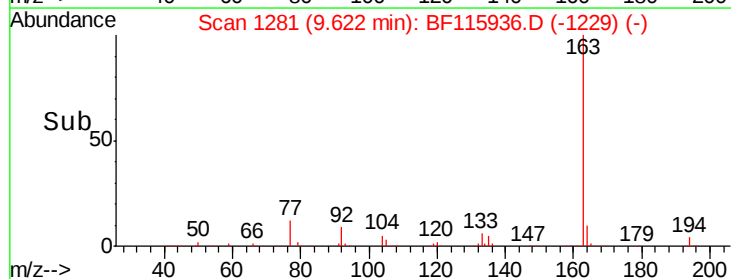
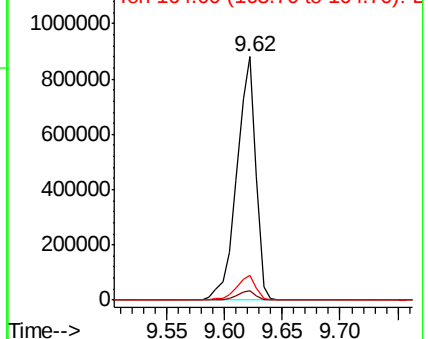
163 100

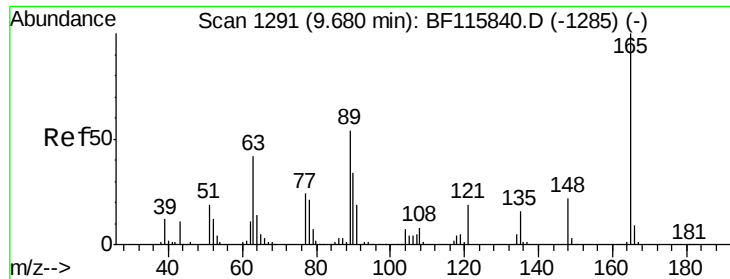
194 3.8 3.0 4.6

164 10.3 8.4 12.6



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





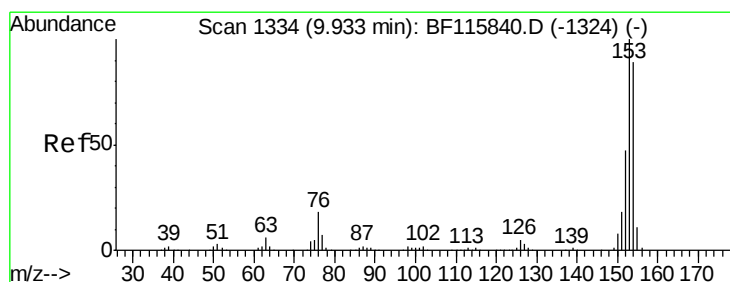
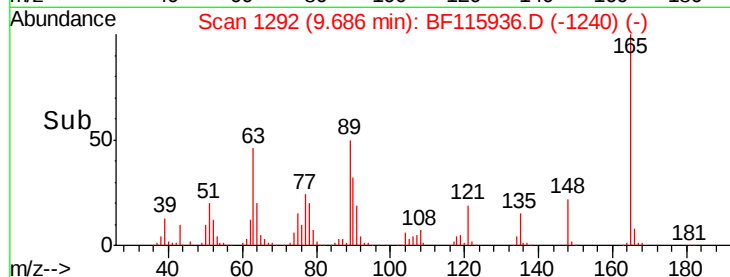
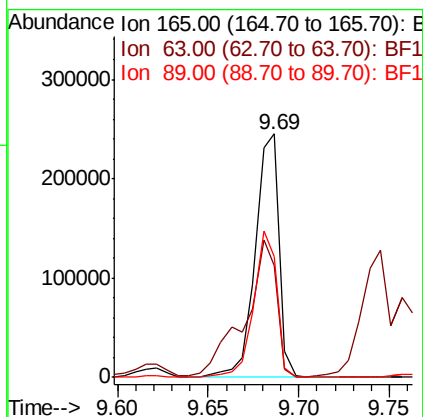
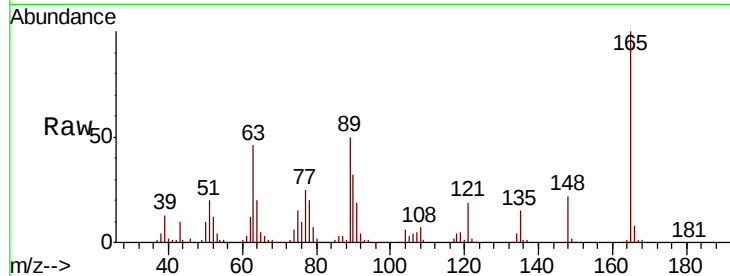
#51
 2,6-Dinitrotoluene
 Concen: 46.967 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	223971		
63	45.7		39.4	59.2
89	49.7		43.0	64.6

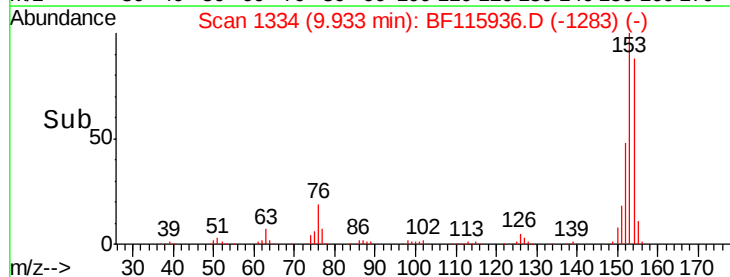
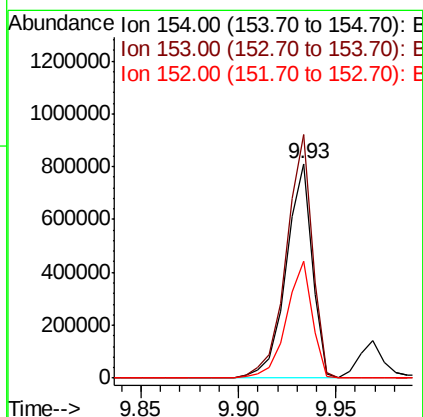
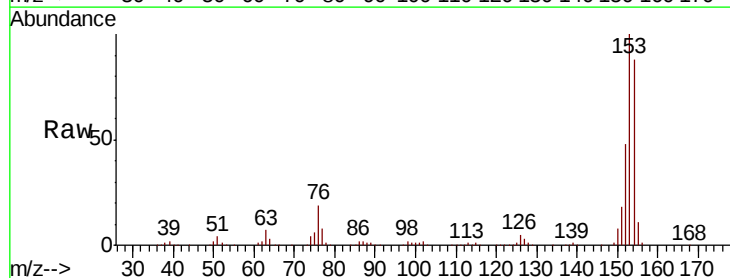
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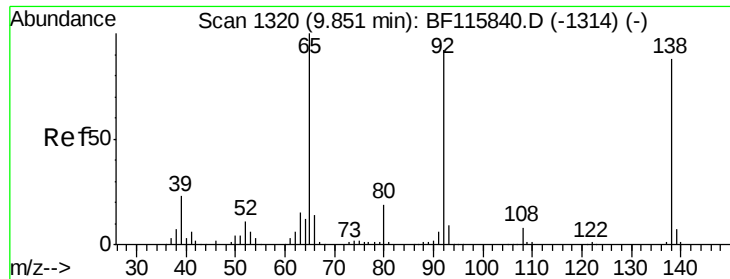
mohammad
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#52
 Acenaphthene
 Concen: 44.582 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	755623		
153	113.4		90.1	135.1
152	54.3		42.6	63.8





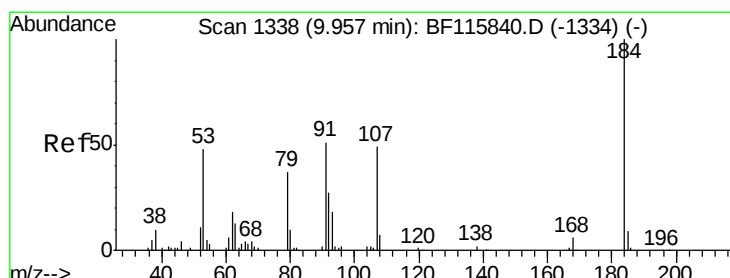
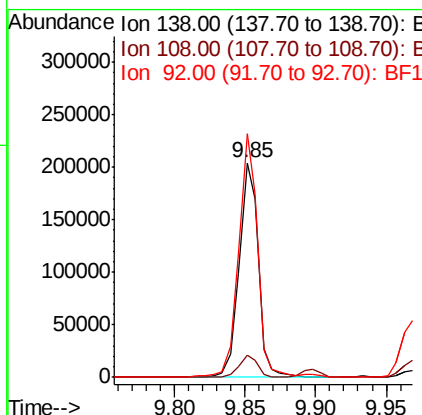
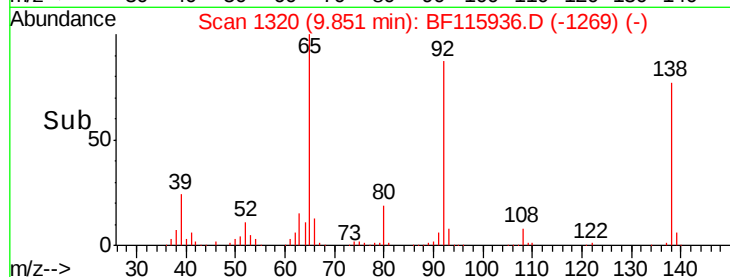
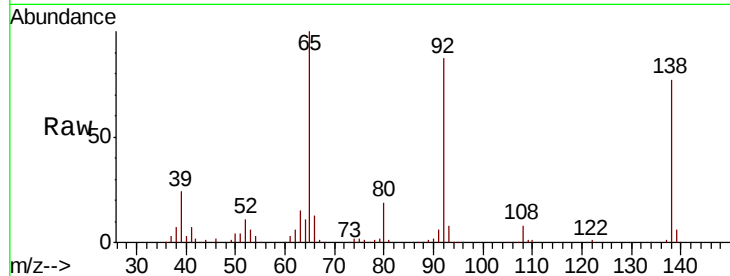
#53
3-Nitroaniline
Concen: 32.779 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	113.4	83.9	125.9

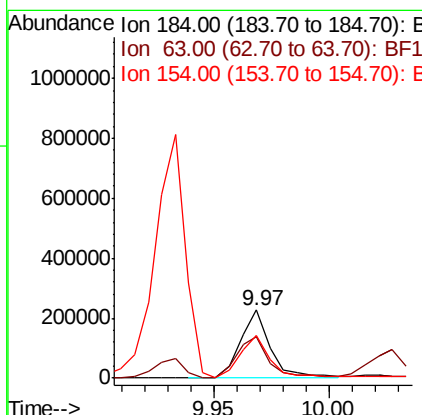
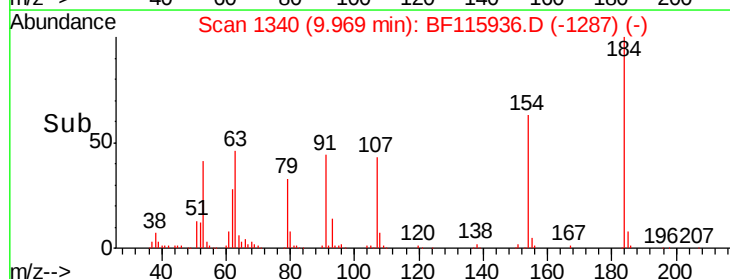
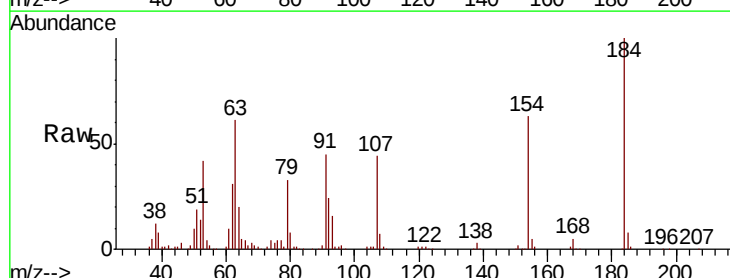
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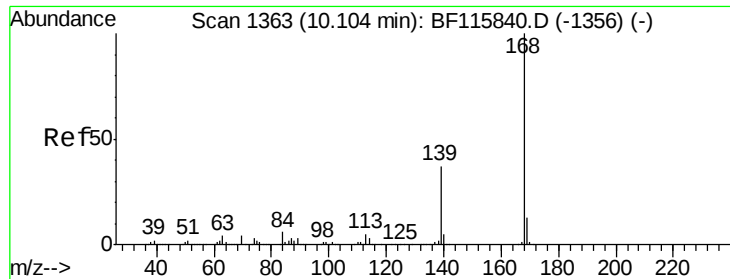
mohammad
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#54
2,4-Dinitrophenol
Concen: 84.523 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	56.7	85.1
154	62.6	51.9	77.9





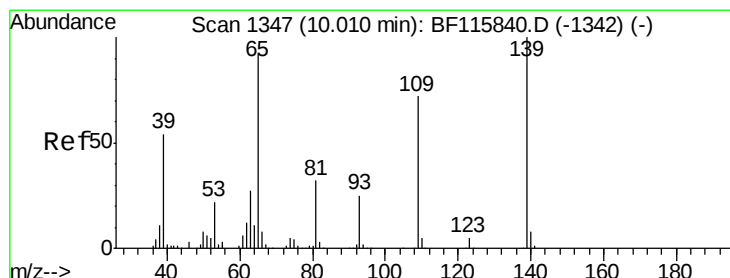
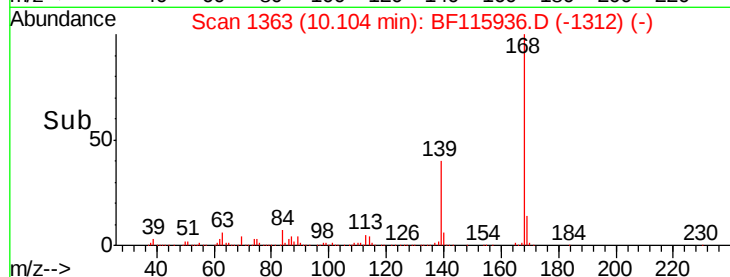
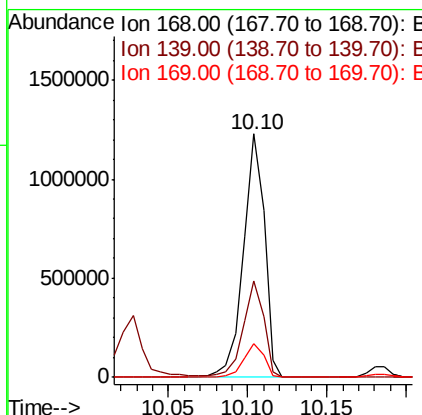
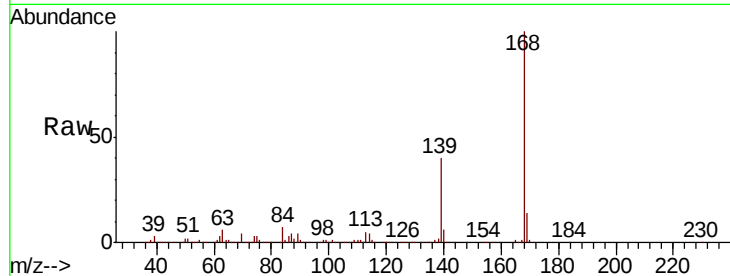
#55
Dibenzofuran
Concen: 45.812 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.2	45.2
169	13.8	10.8	16.2

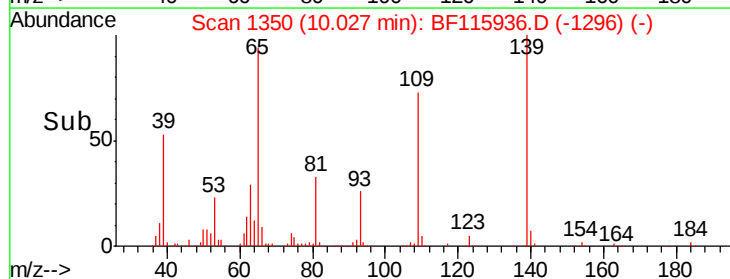
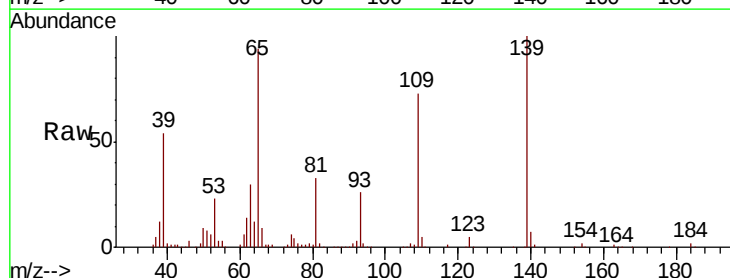
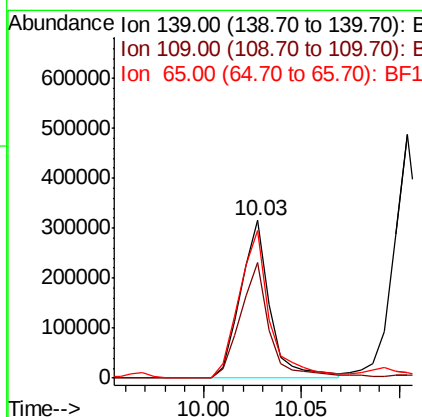
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#56
4-Nitrophenol
Concen: 88.068 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.4	52.0	92.0
65	93.7	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 46.228 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

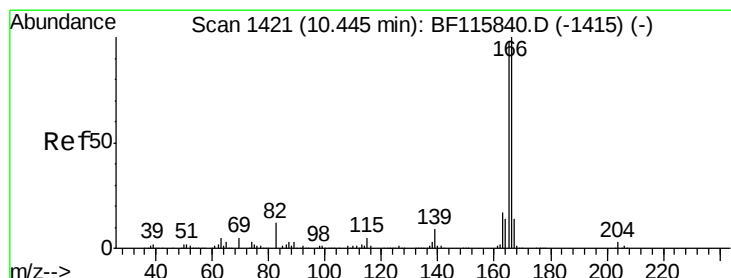
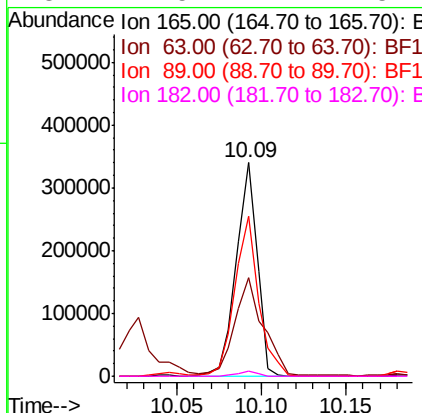
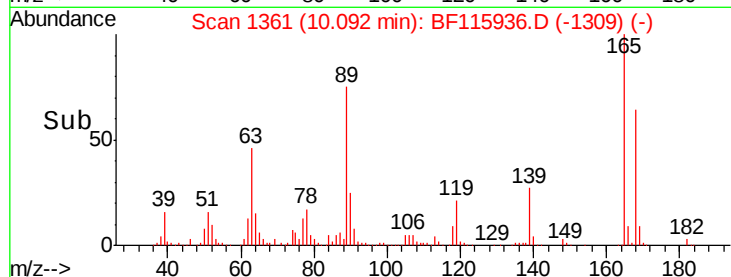
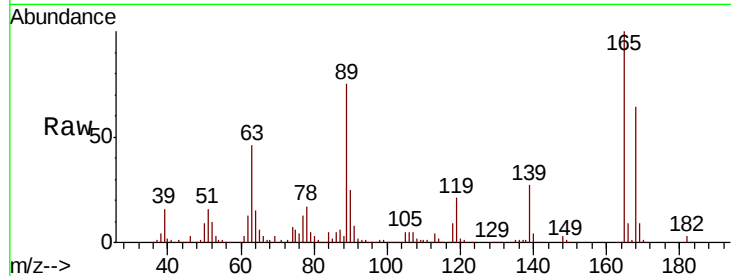
ClientSampleId :

PB121887BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		293511		
63	45.9	33.2	49.8		
89	74.8	57.3	85.9		
182	2.5	2.1	3.1		

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#58

Fluorene

Concen: 45.677 ng

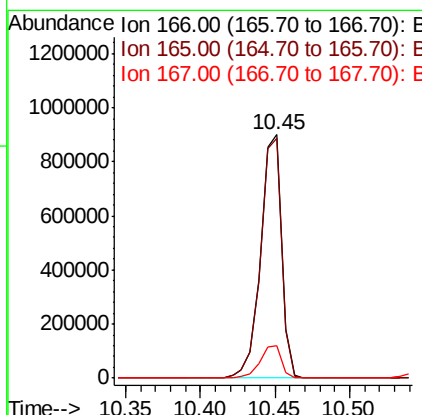
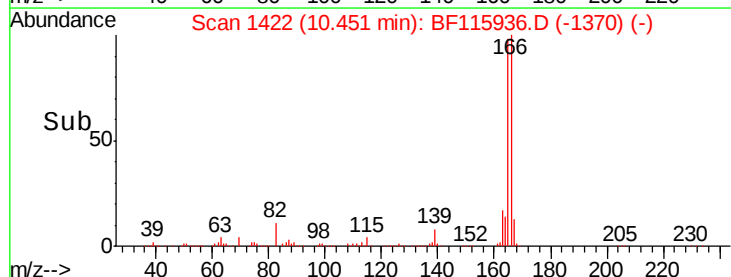
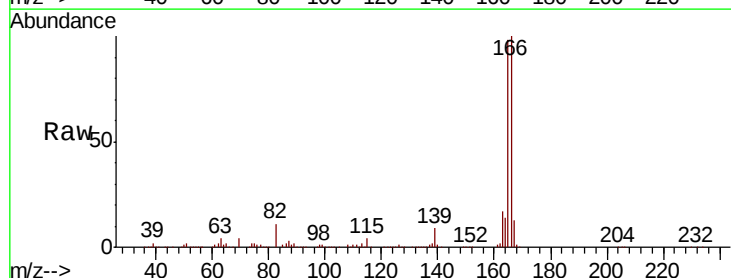
RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		866204		
165	98.3	78.6	118.0		
167	13.1	10.9	16.3		





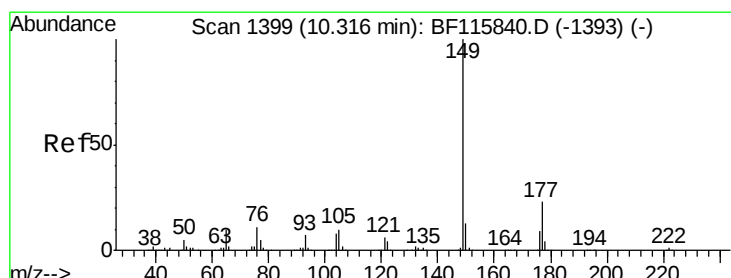
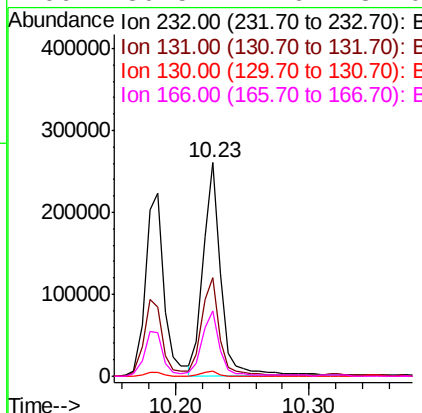
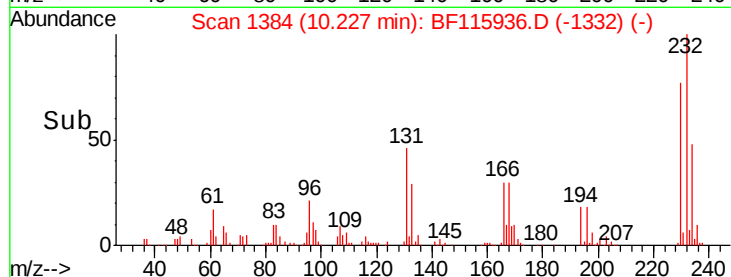
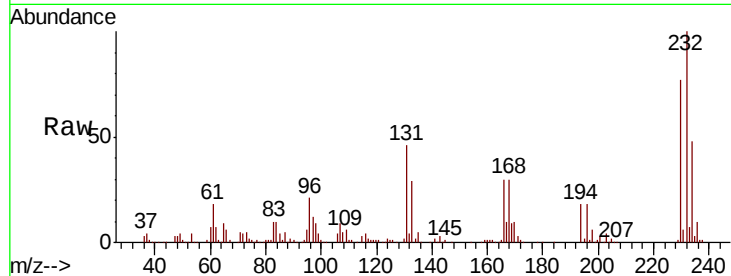
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.743 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	235916		
131	47.0		37.6	56.4
130	2.4		1.8	2.8
166	30.5		24.6	37.0

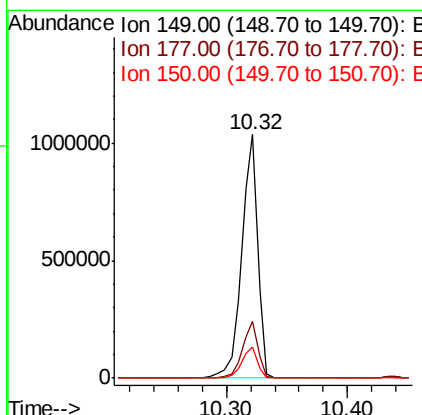
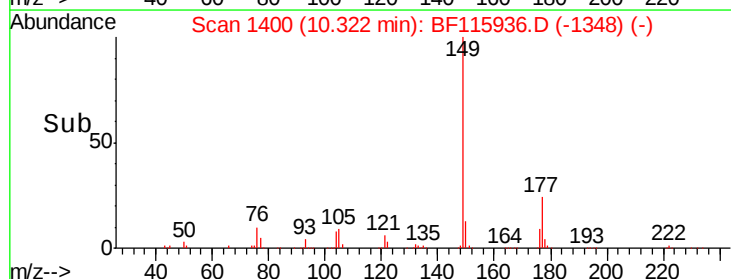
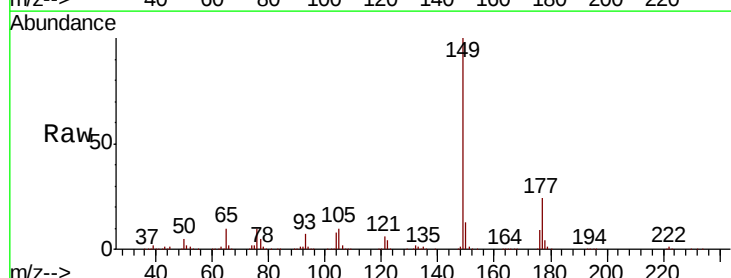
Manual Integrations
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#60
Diethylphthalate
Concen: 46.748 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	957727		
177	23.6		18.4	27.6
150	12.6		10.1	15.1





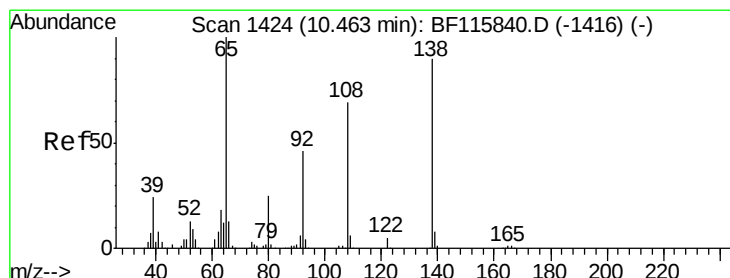
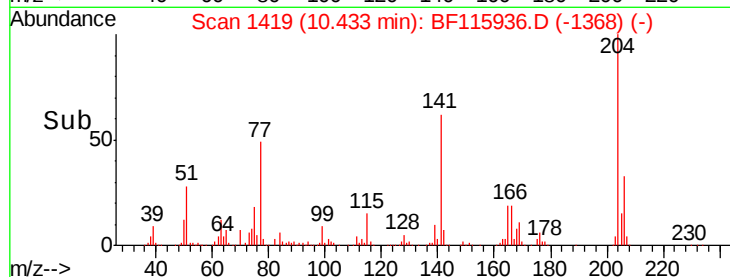
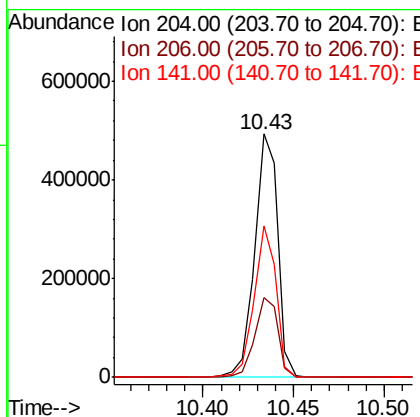
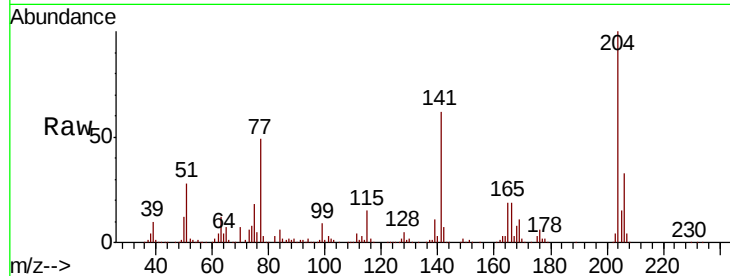
#61
4-Chlorophenyl-phenylether
Concen: 45.407 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.4	39.6
141	62.2	47.0	70.4

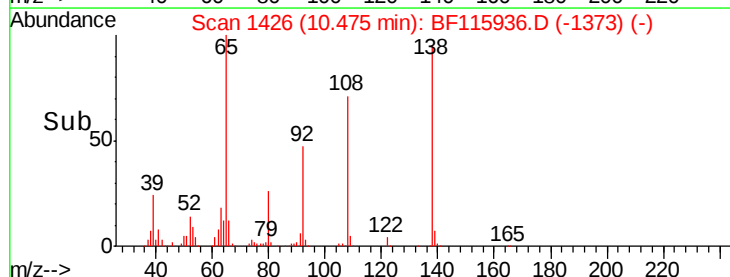
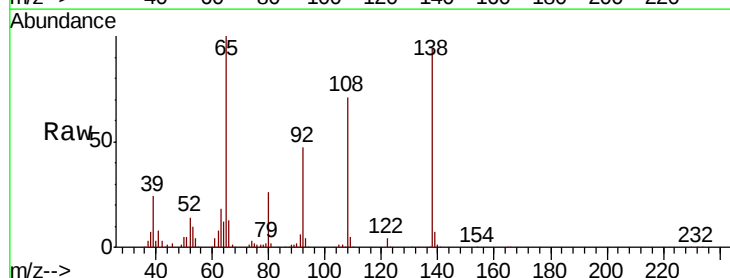
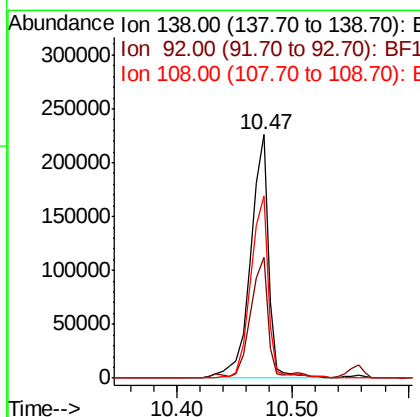
Manual Integrations
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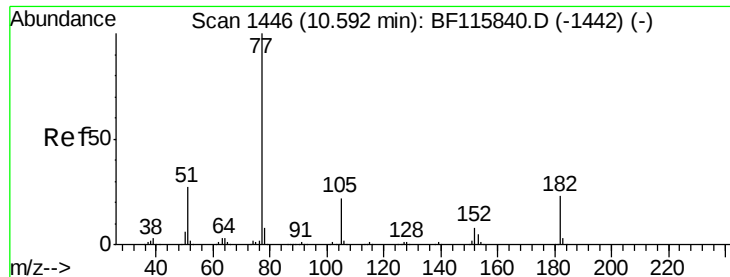
mohammad
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#62
4-Nitroaniline
Concen: 40.065 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.0	71.0
108	74.7	56.7	96.7





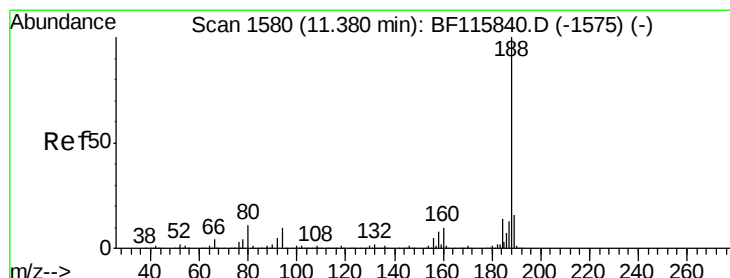
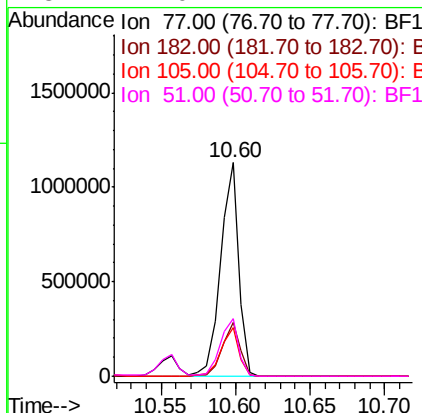
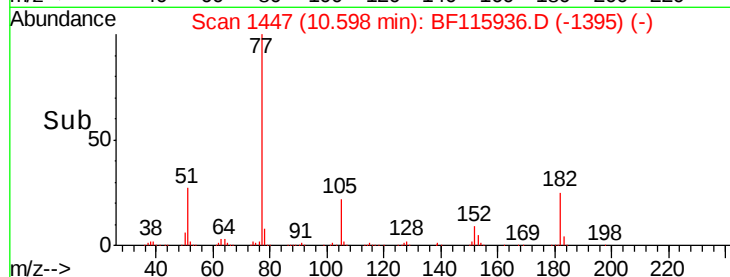
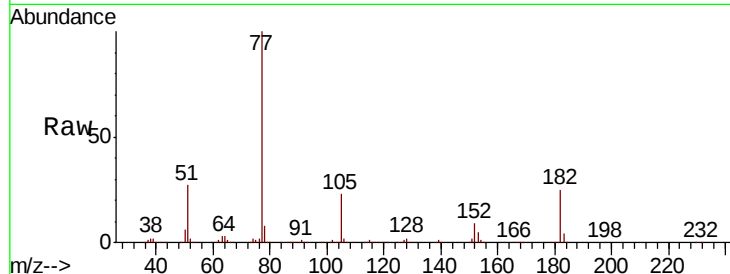
#63
Azobenzene
Concen: 45.845 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	2.6	42.6
105	22.6	1.6	41.6
51	27.0	7.4	47.4

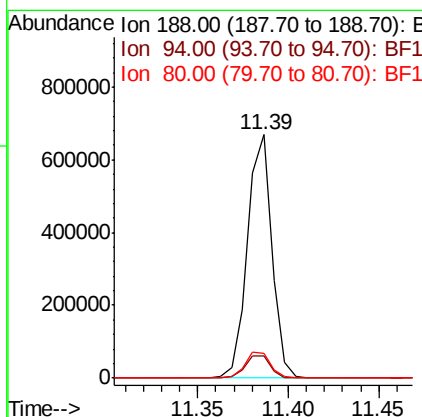
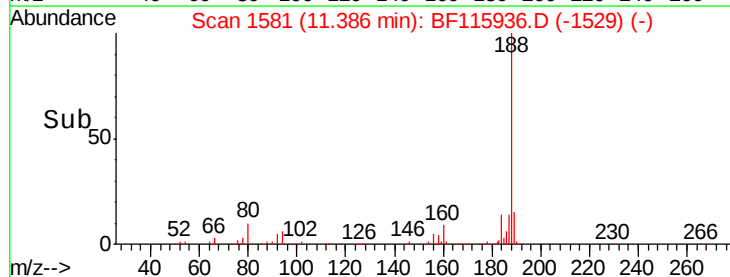
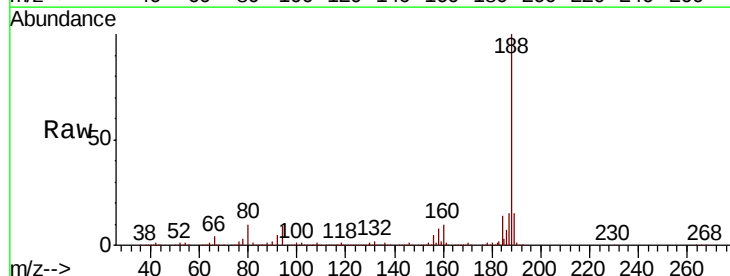
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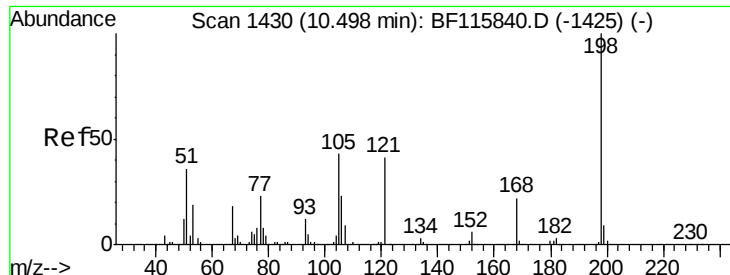
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.9	8.6	12.8





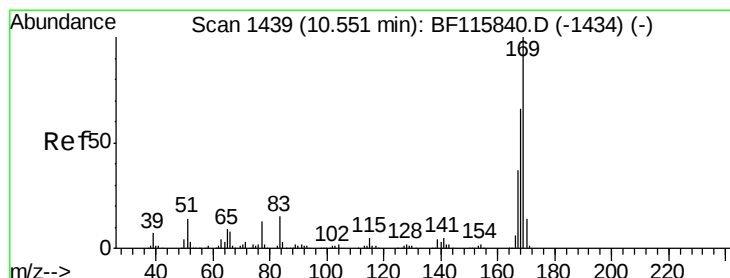
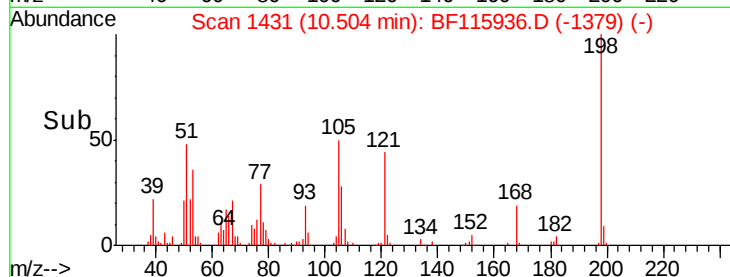
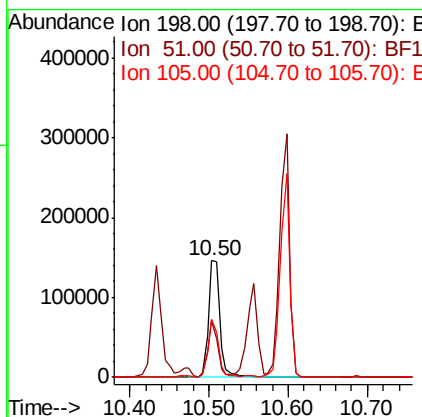
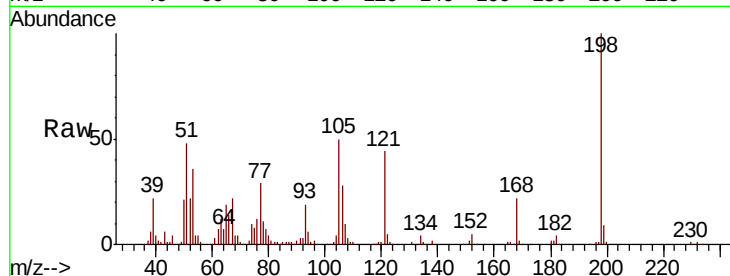
#65
4,6-Dinitro-2-methylphenol
Concen: 44.355 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	147406		
51	48.3	21.1	61.1	
105	50.0	24.5	64.5	

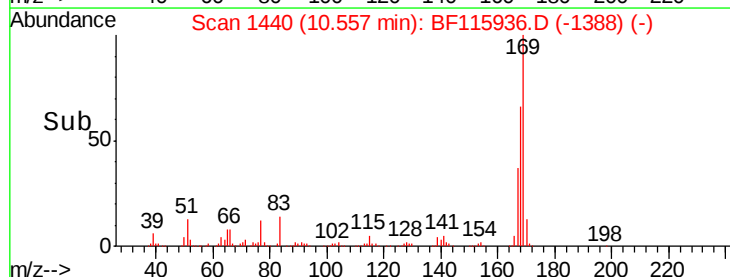
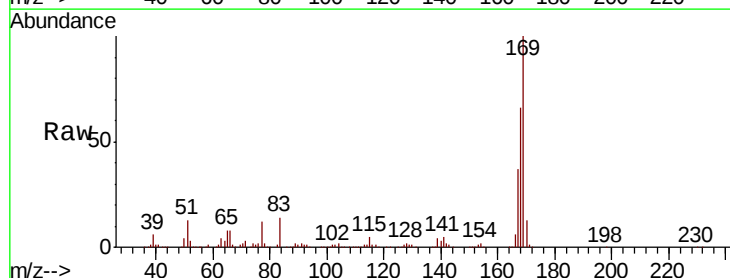
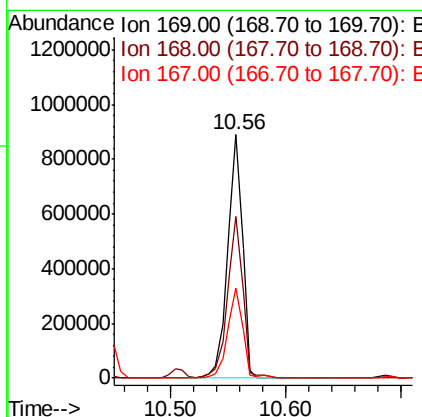
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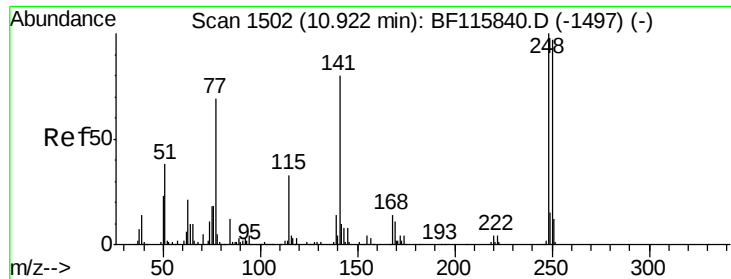
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#66
n-Nitrosodiphenylamine
Concen: 41.911 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	791101		
168	66.2	53.0	79.6	
167	37.0	29.9	44.9	





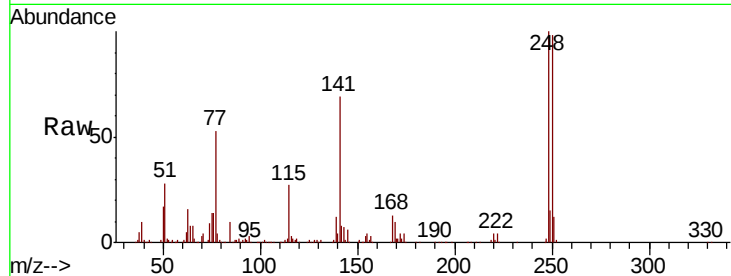
#67
 4-Bromophenyl-phenylether
 Concen: 41.187 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.8	116.6
141	68.7	64.3	96.5

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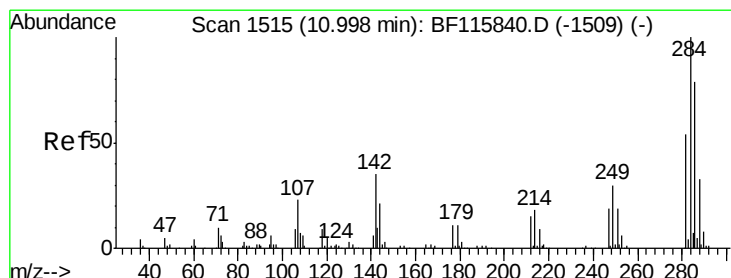
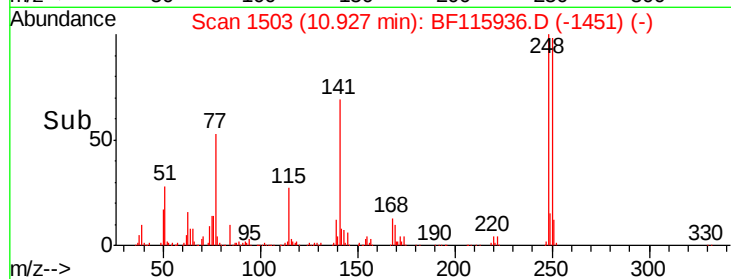
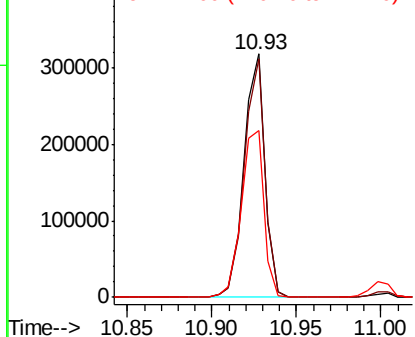


Abundance

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: 39.784 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

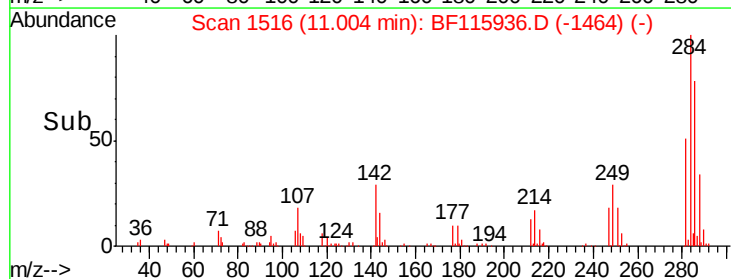
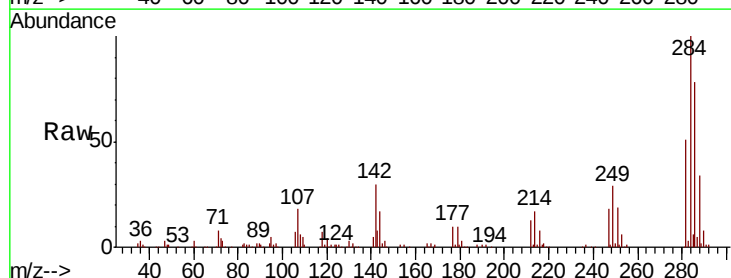
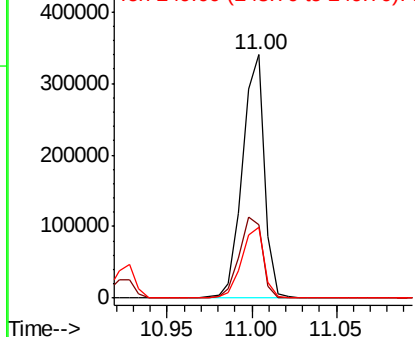
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	28.2	42.2
249	29.2	24.0	36.0

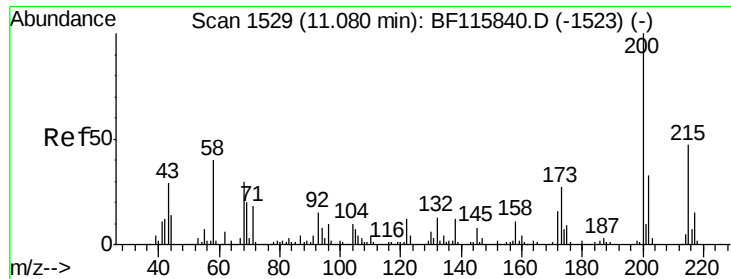
Abundance

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





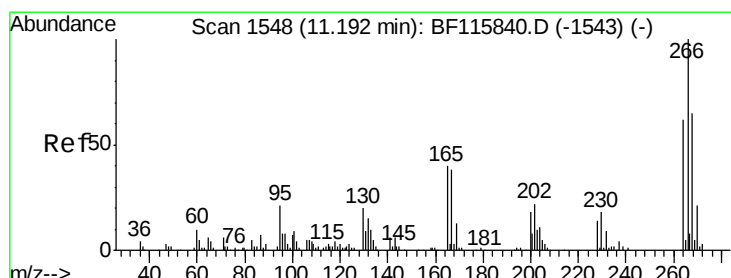
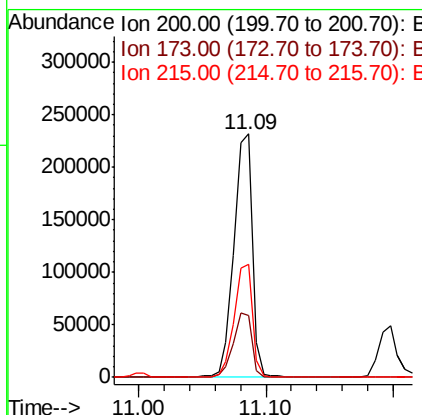
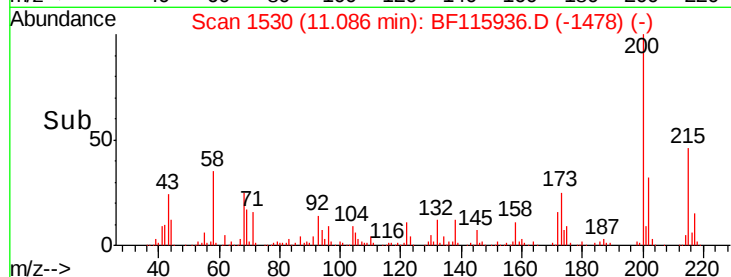
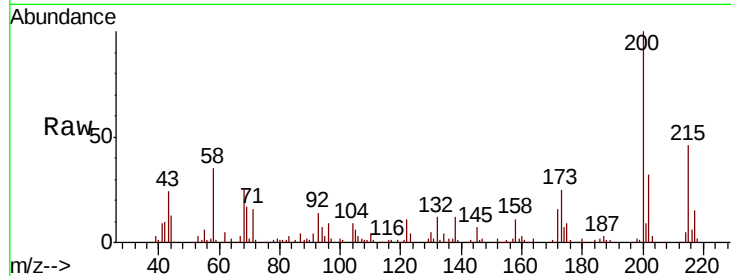
#69
 Atrazine
 Concen: 37.136 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	230605		
173	25.5	7.3	47.3	
215	46.2	26.9	66.9	

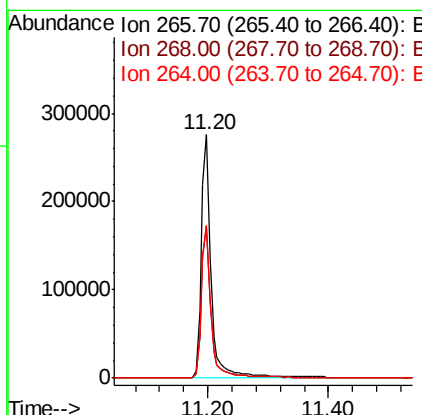
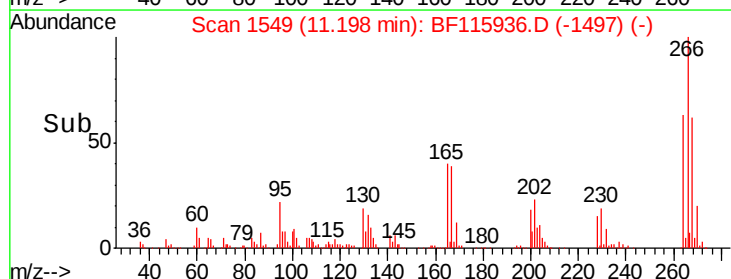
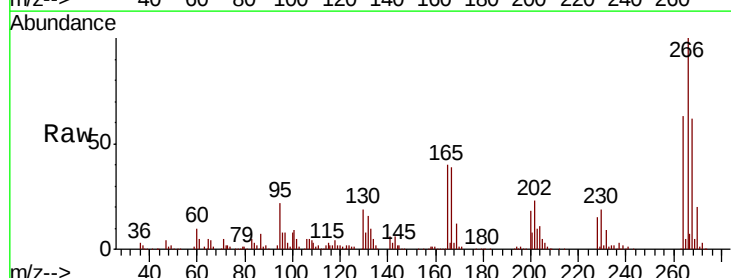
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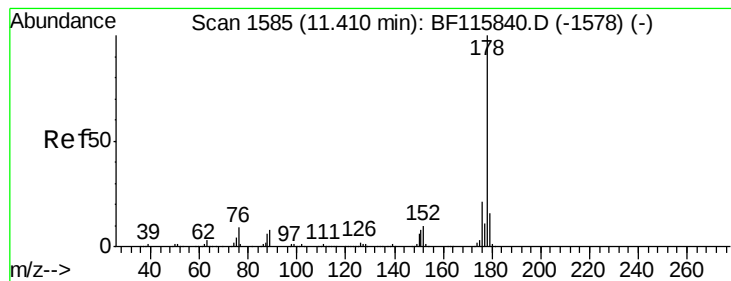
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#70
 Pentachlorophenol
 Concen: 84.372 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	317984		
268	62.3	51.6	77.4	
264	62.7	49.4	74.0	





#71

Phenanthrene

Concen: 40.871 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

Tot Ion:178 Resp: 1310315

Ion Ratio Lower Upper

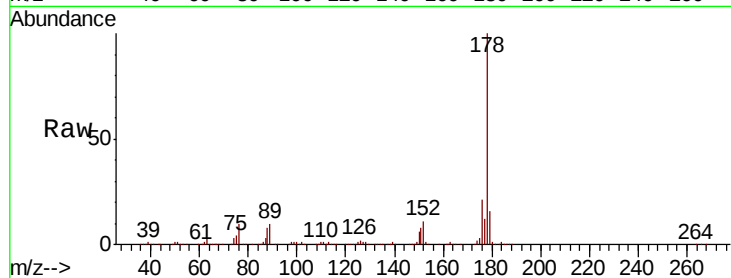
178 100

176 20.7 16.5 24.7

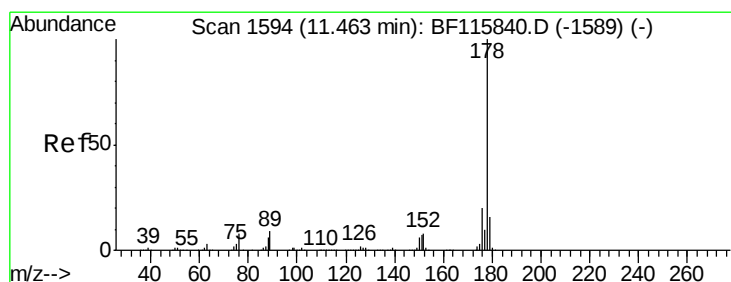
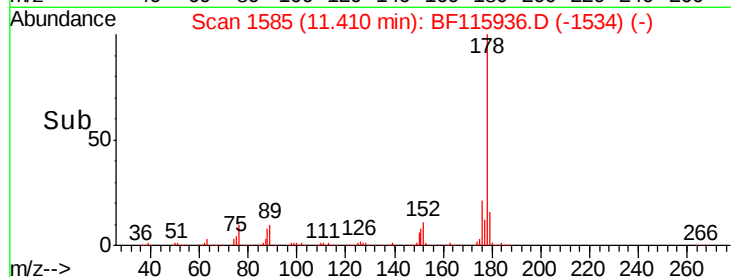
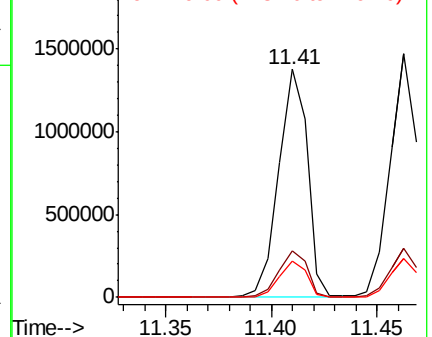
179 16.0 12.6 18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.758 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion:178 Resp: 1322419

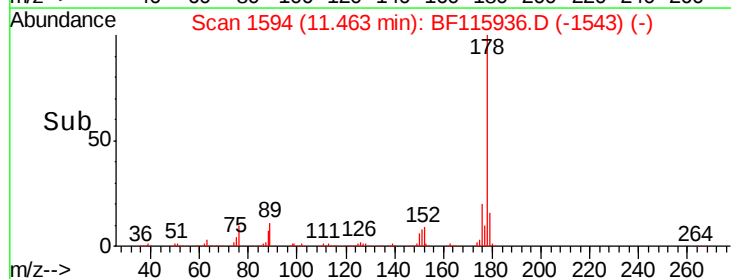
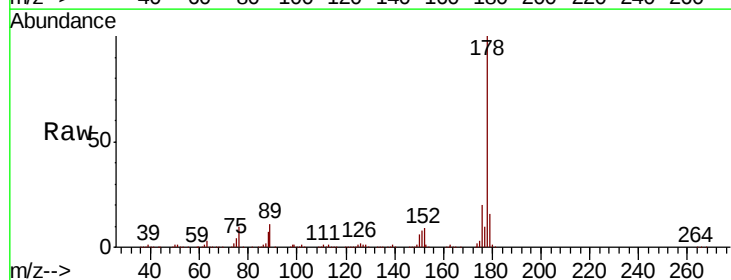
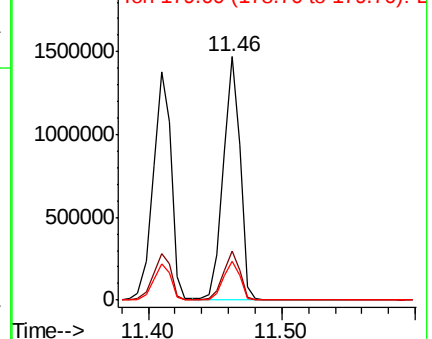
Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

179 16.1 12.4 18.6

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





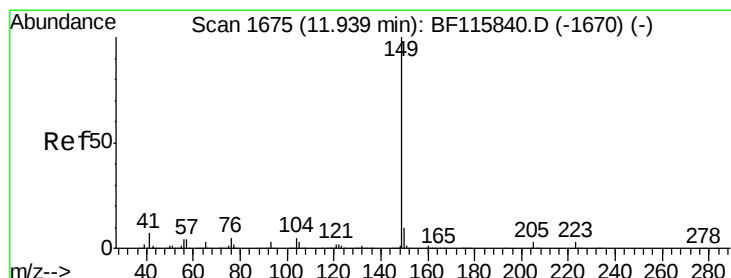
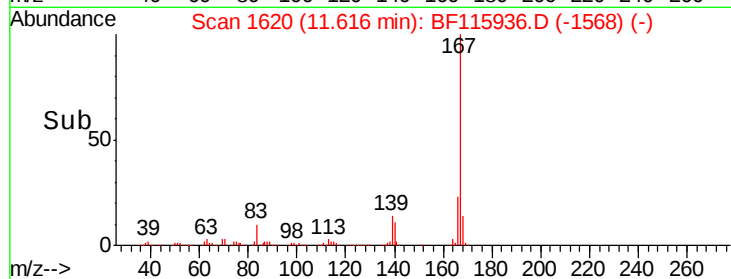
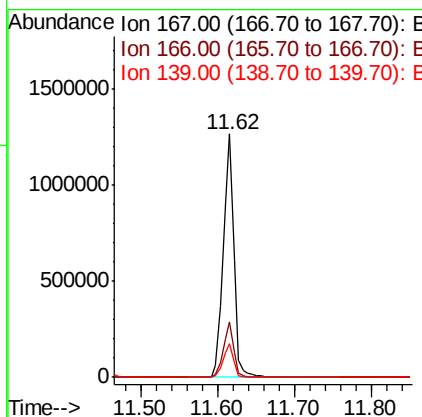
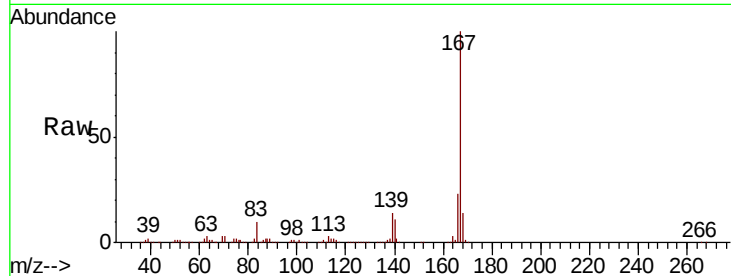
#73
 Carbazole
 Concen: 41.084 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	14.0	11.4	17.2

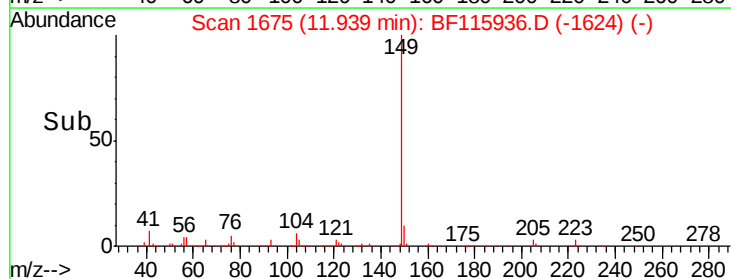
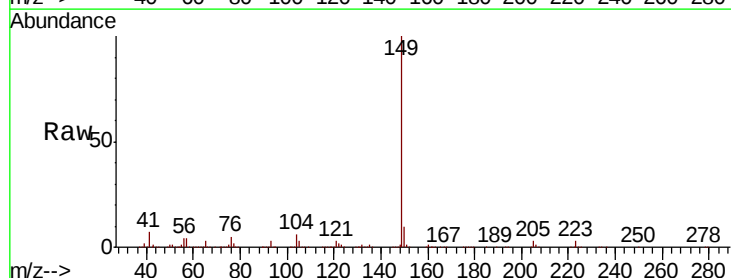
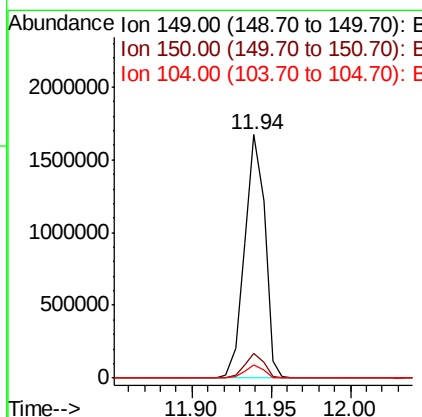
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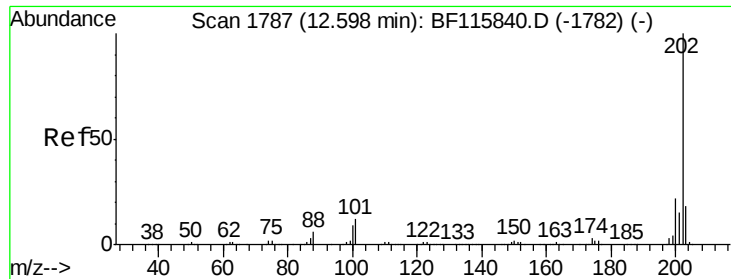
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#74
 Di-n-butylphthalate
 Concen: 43.030 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.3	6.5





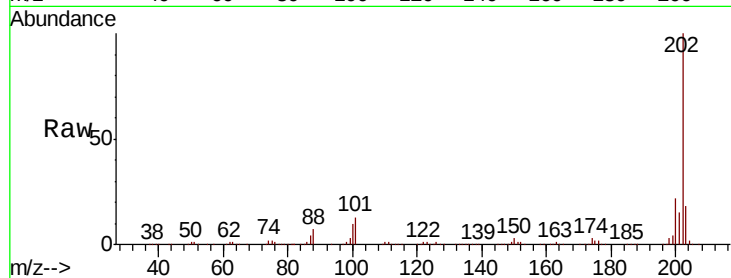
#75
 Fluoranthene
 Concen: 40.802 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

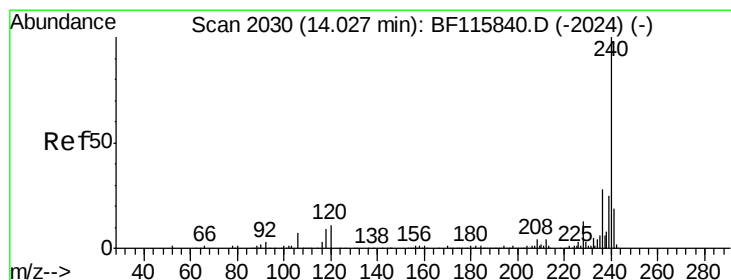
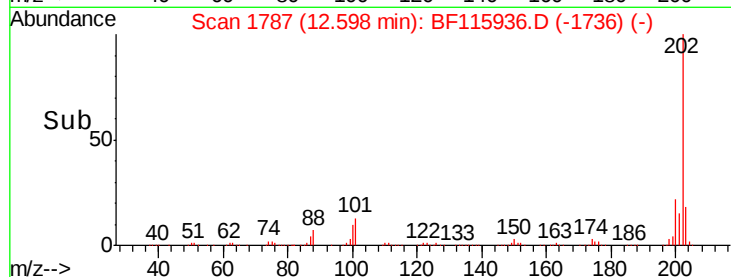
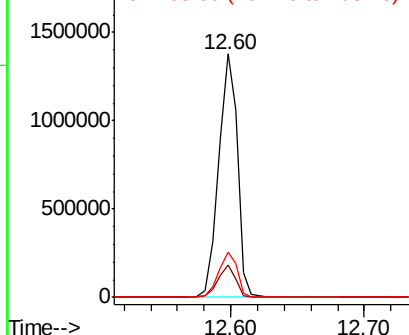
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1369457		
101	13.3		0.0	31.5
203	18.5		0.0	37.9

Manual Integrations
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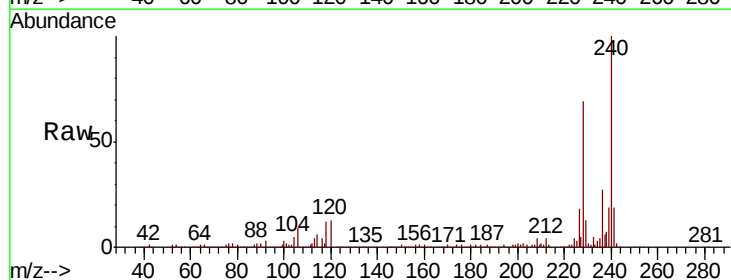


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

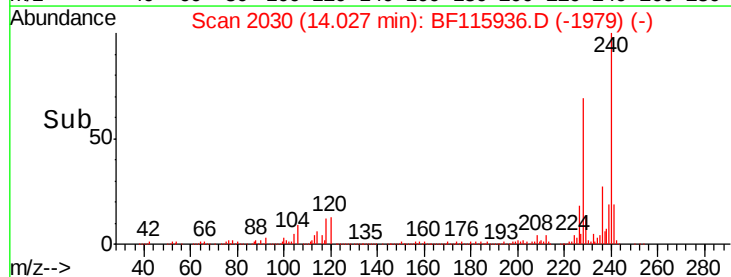
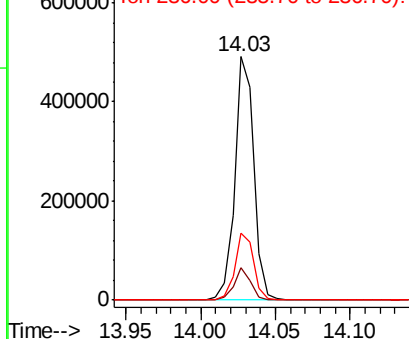


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	439806		
120	13.2		8.5	12.7#
236	27.4		22.2	33.2



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: 15.937 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

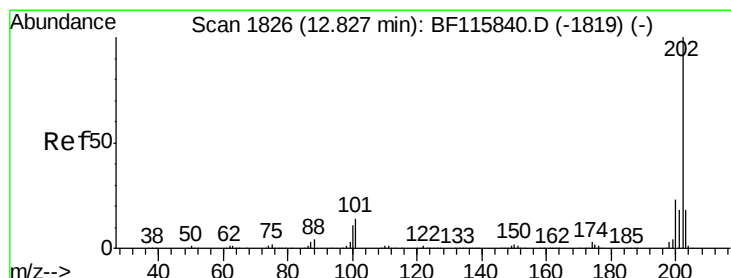
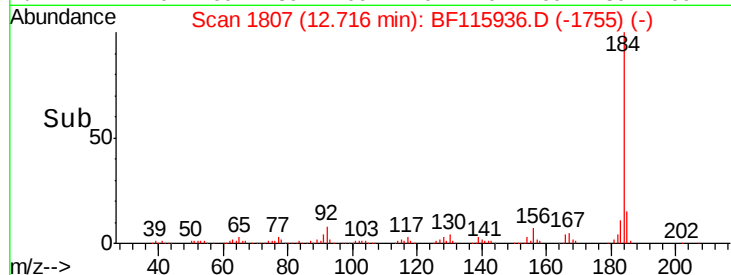
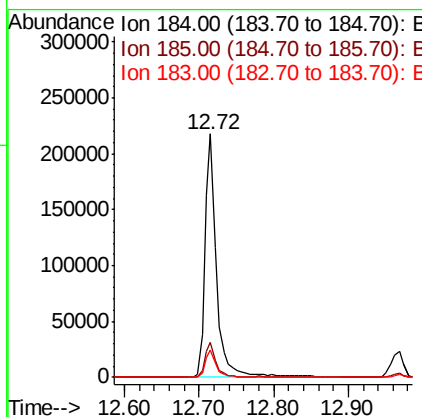
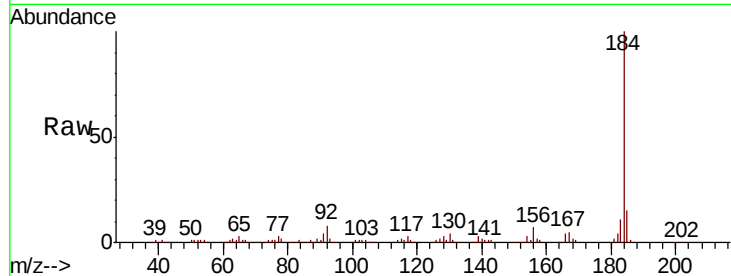
ClientSampleId :

PB121887BSD

Tot Ion:	184	Resp:	236796
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.2
183	11.3	9.1	13.7

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#78

Pyrene

Concen: 42.237 ng

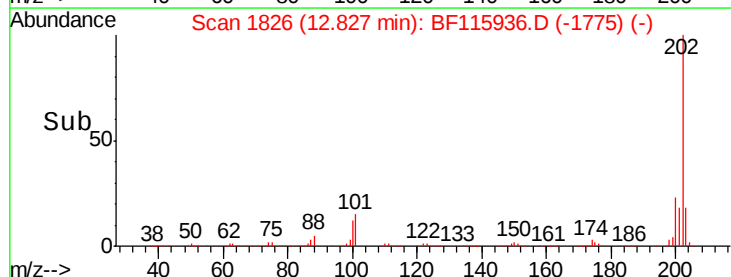
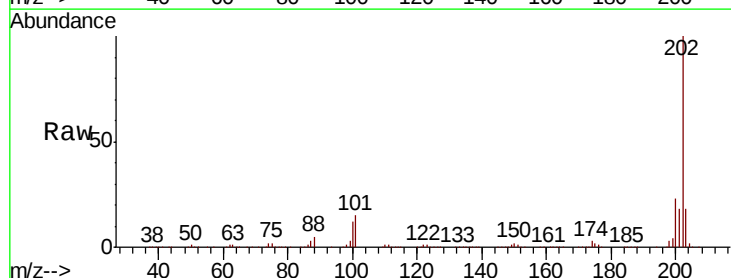
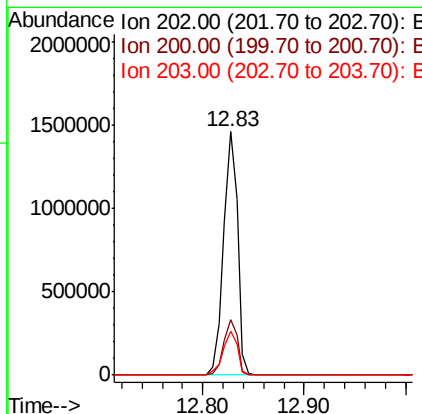
RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion:	202	Resp:	1400286
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.2	27.2
203	18.0	14.3	21.5





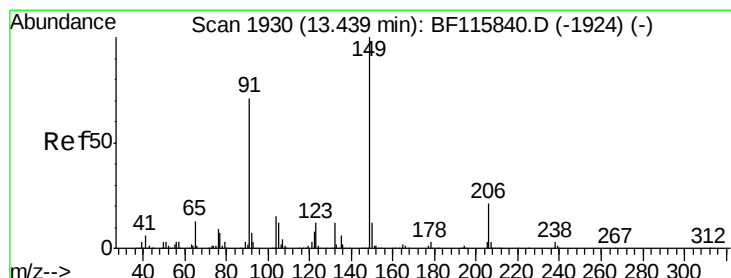
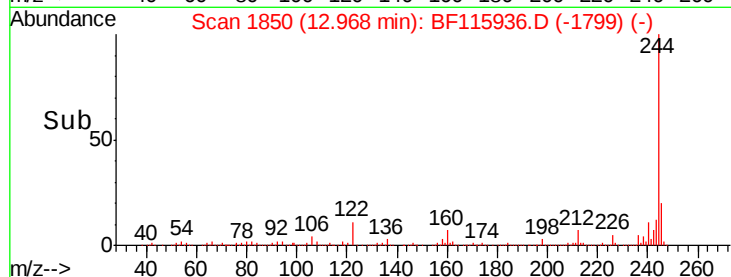
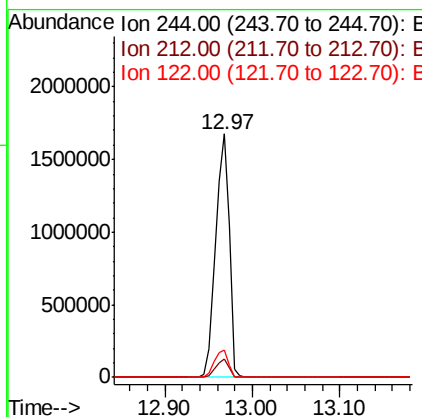
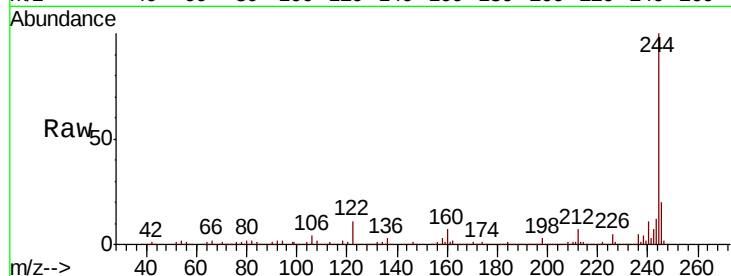
#79
 Terphenyl-d14
 Concen: 86.748 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.6	8.4
122	11.5	8.6	13.0

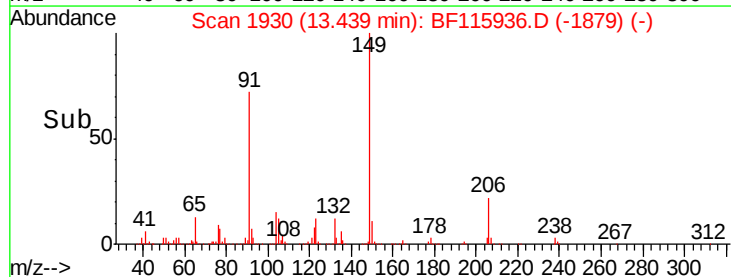
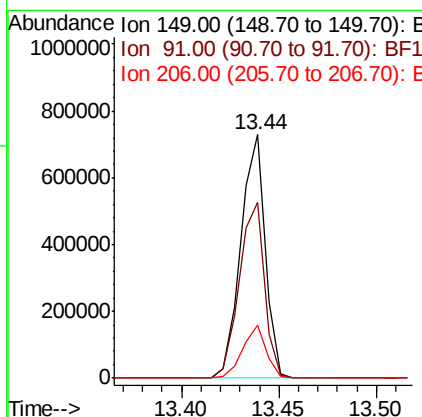
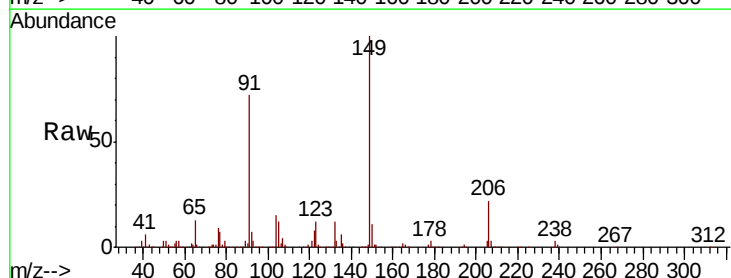
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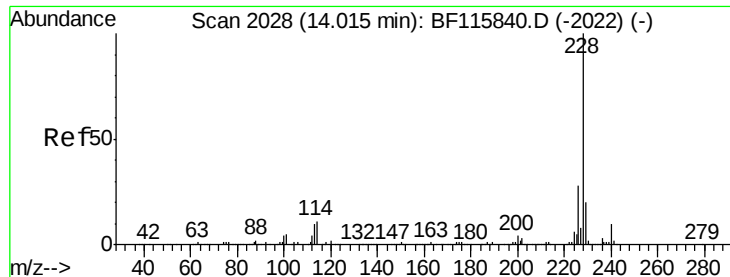
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#80
 Butylbenzylphthalate
 Concen: 45.156 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	57.0	85.6
206	21.7	16.9	25.3





#81

Benzo(a)anthracene

Concen: 41.624 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Instrument :

BNA_F

ClientSampleId :

PB121887BSD

Tot Ion:228 Resp: 1170093

Ion Ratio Lower Upper

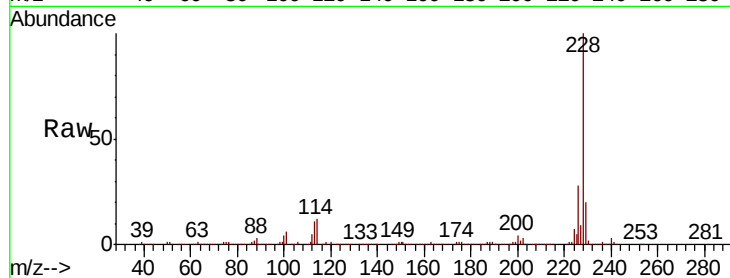
228 100

226 28.2 22.5 33.7

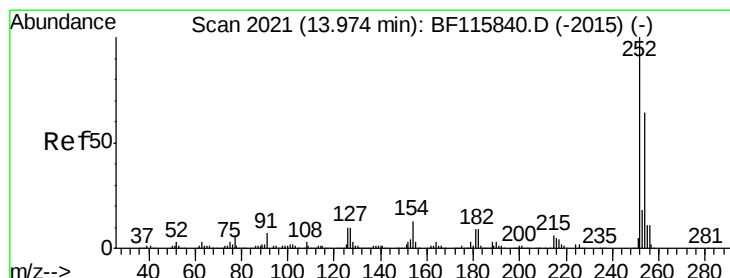
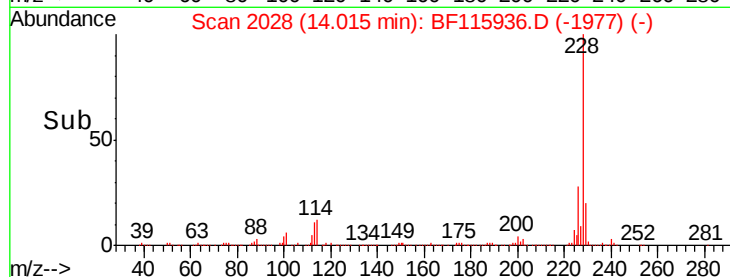
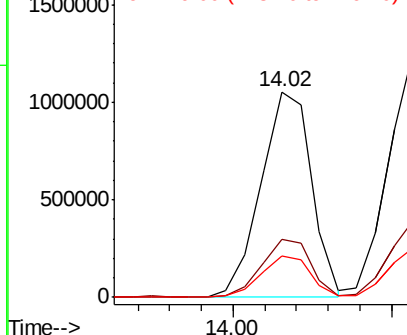
229 20.4 16.1 24.1

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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: 36.758 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115936.D

Acq: 2 Aug 2019 10:27

Tgt Ion:252 Resp: 358990

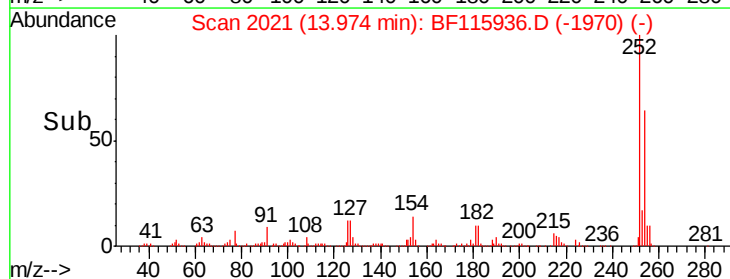
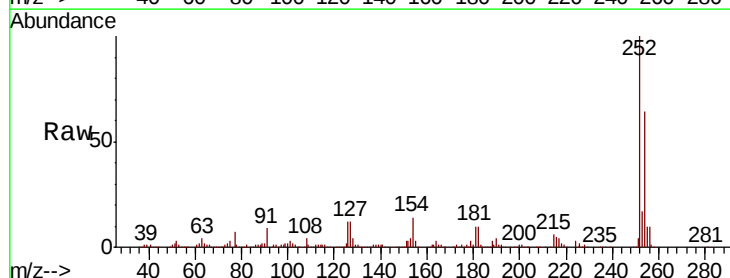
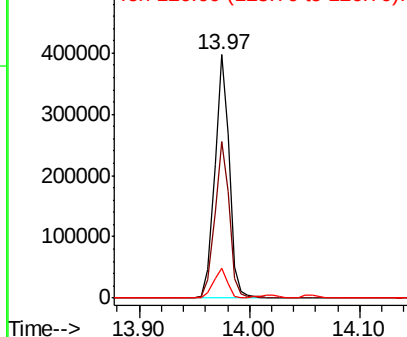
Ion Ratio Lower Upper

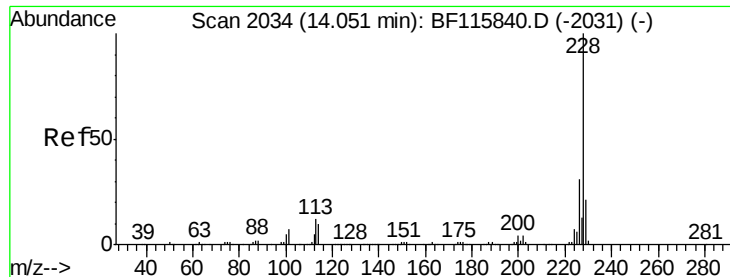
252 100

254 64.5 51.2 76.8

126 12.2 8.1 12.1#

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





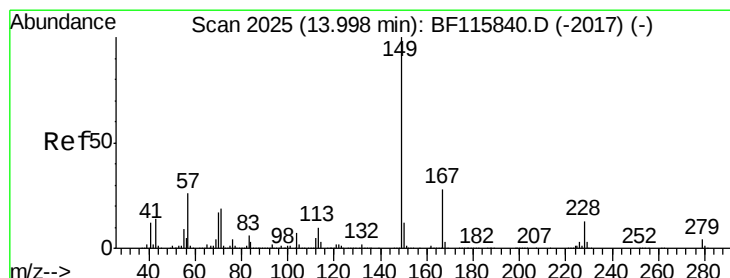
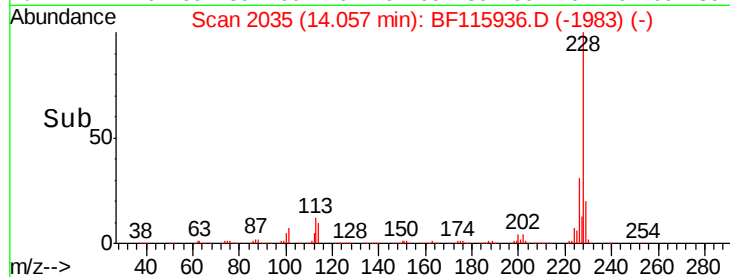
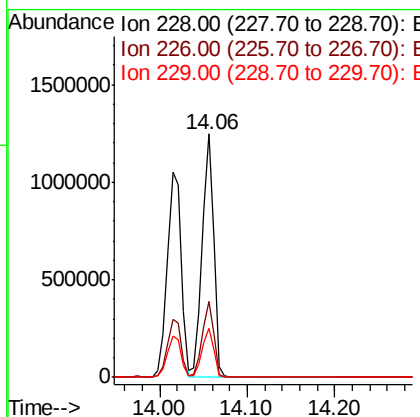
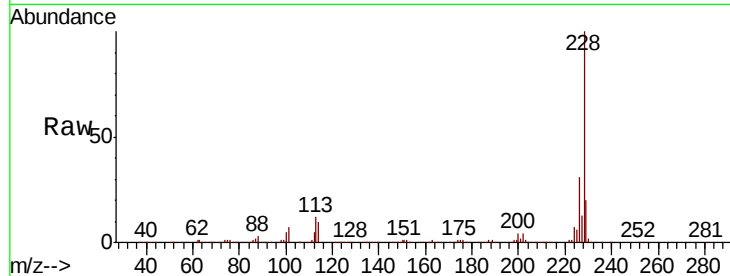
#83
 Chrysene
 Concen: 42.319 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	20.1	16.4	24.6

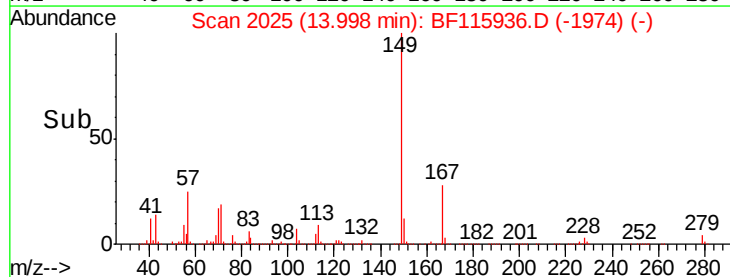
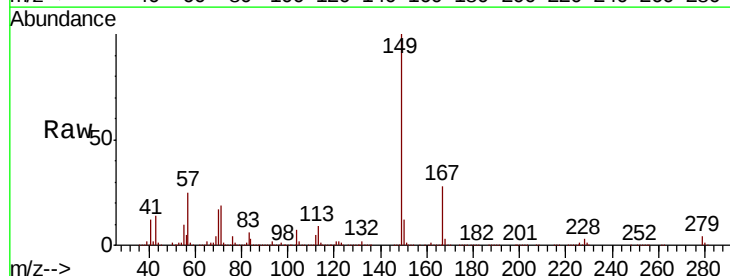
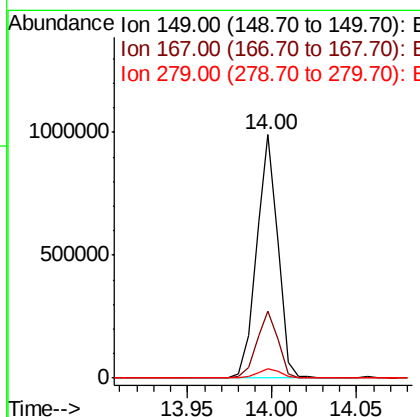
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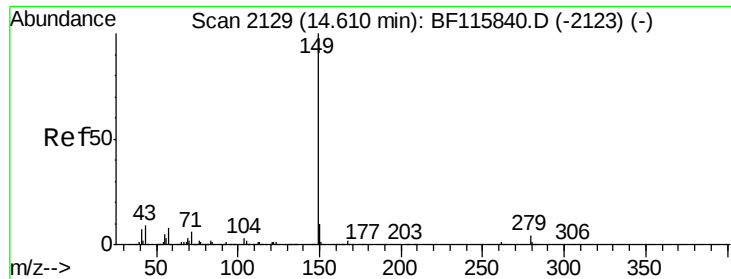
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.547 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115936.D
 Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	4.0	3.3	4.9





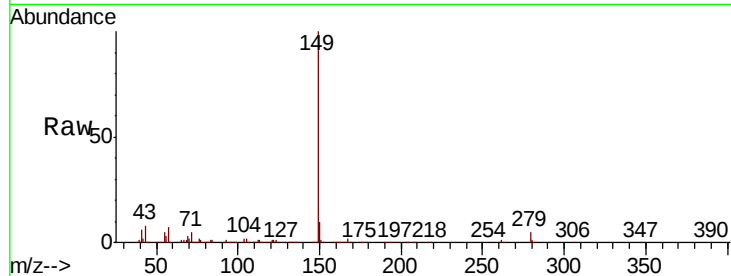
#85
Di-n-octyl phthalate
Concen: 48.092 ng
RT: 14.62 min Scan# 2130
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

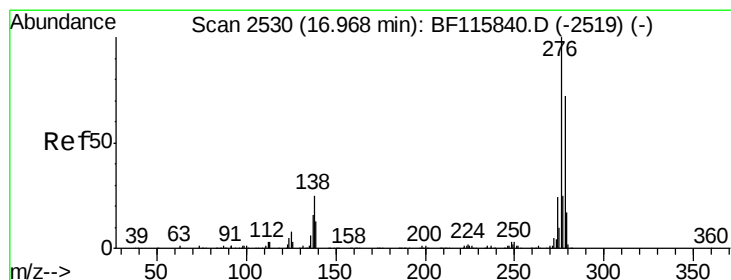
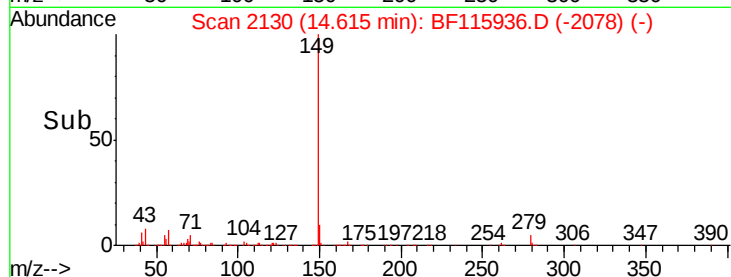
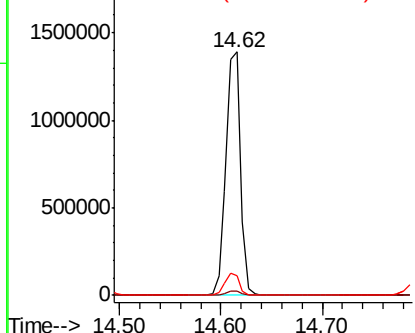
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	7.4	11.0

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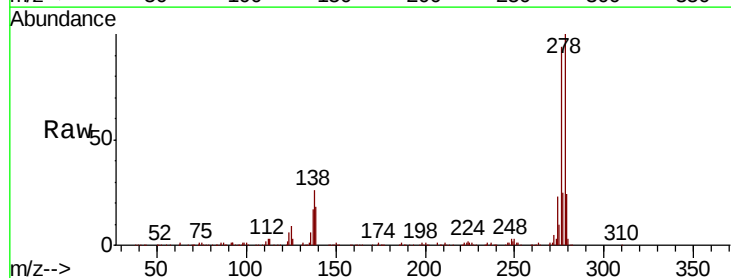


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

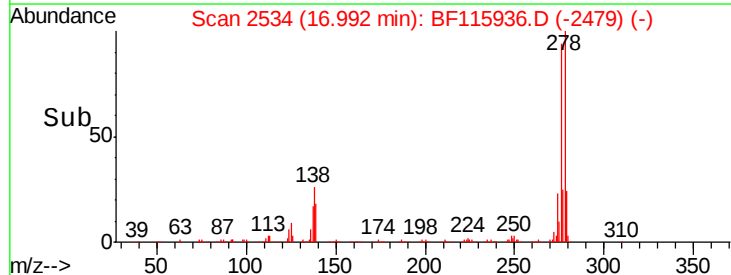
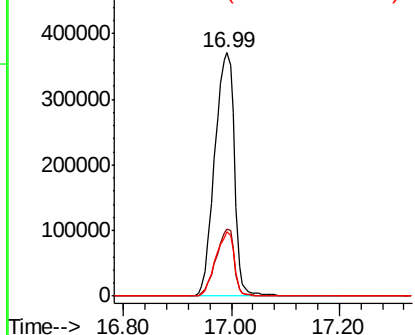


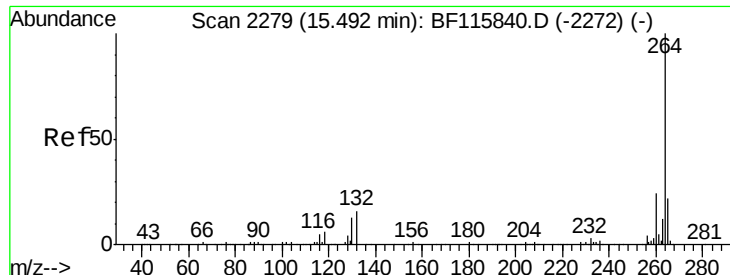
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.653 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.6	29.4
277	25.2	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





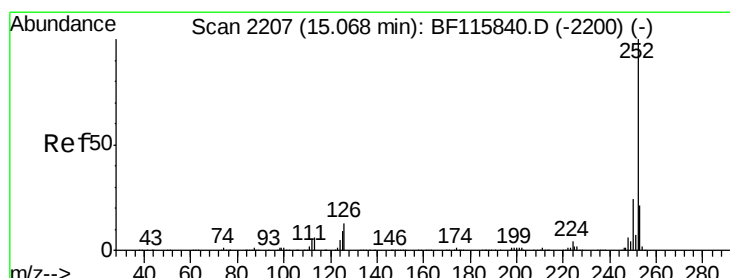
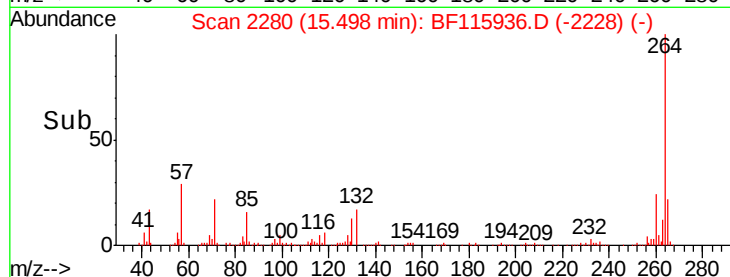
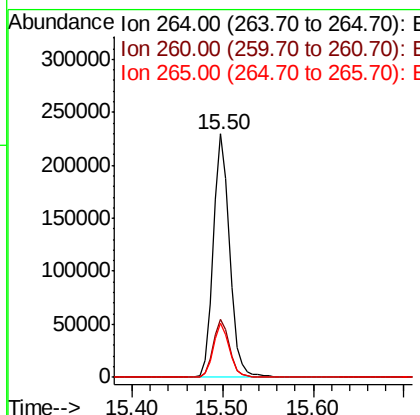
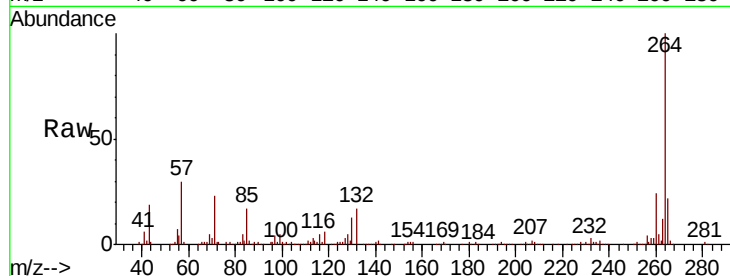
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.3	17.5	26.3

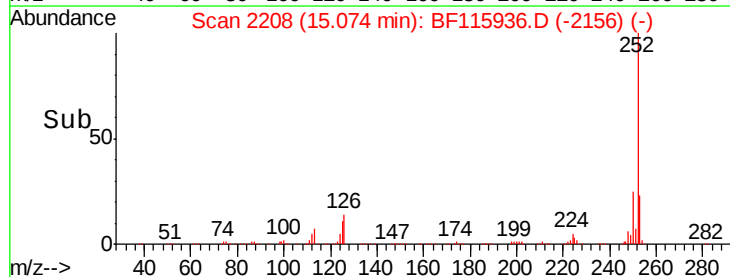
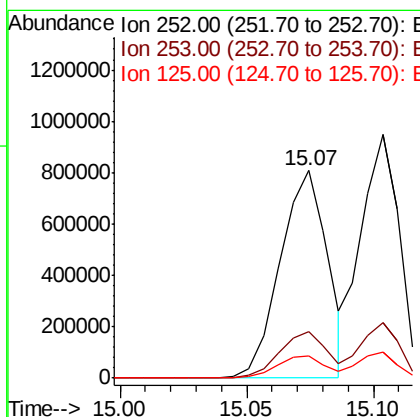
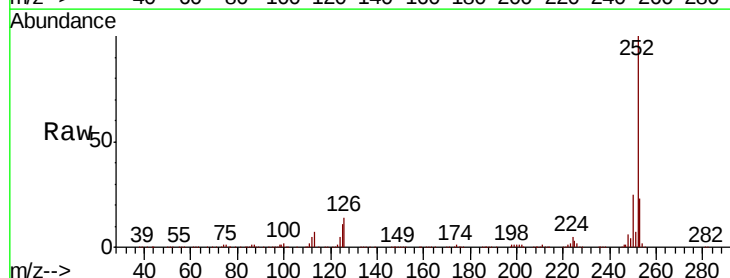
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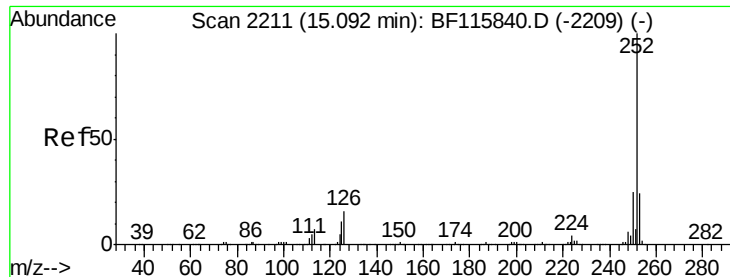
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#88
Benzo(b)fluoranthene
Concen: 62.648 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.7	7.4	11.0





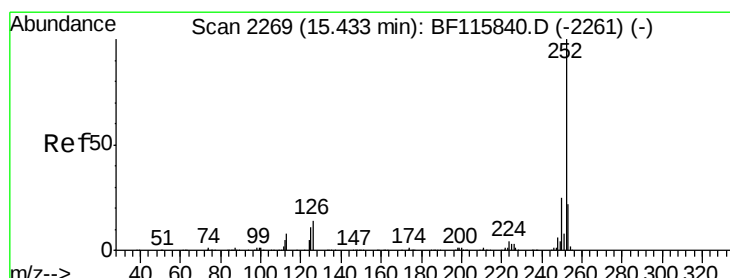
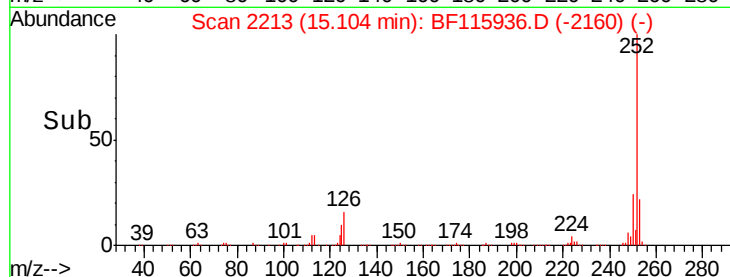
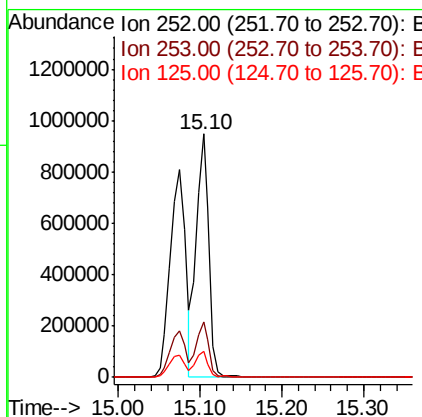
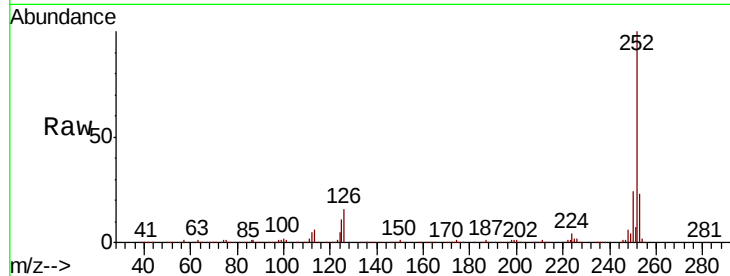
#89
Benzo(k)fluoranthene
Concen: 62.575 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.8	8.9	13.3

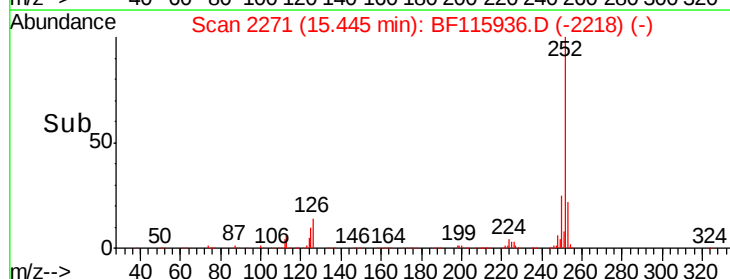
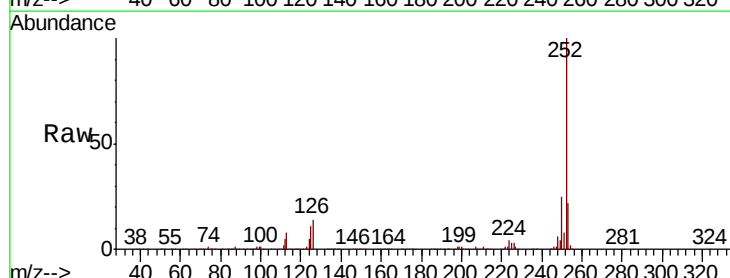
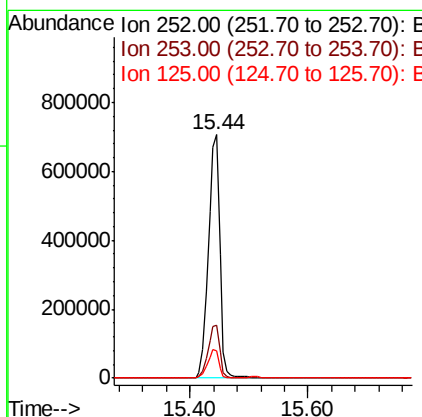
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#90
Benzo(a)pyrene
Concen: 64.385 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	11.0	8.8	13.2





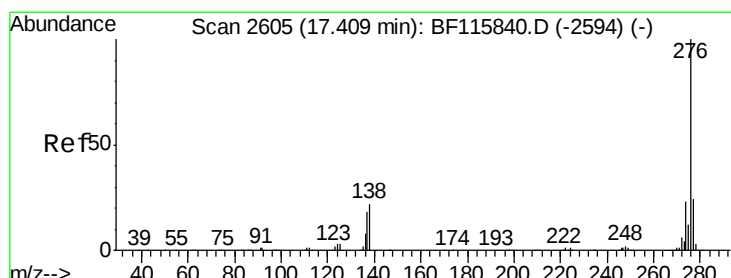
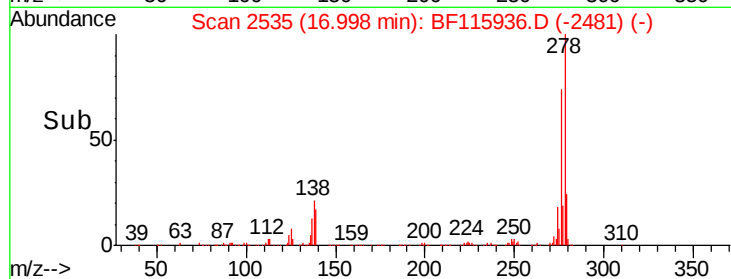
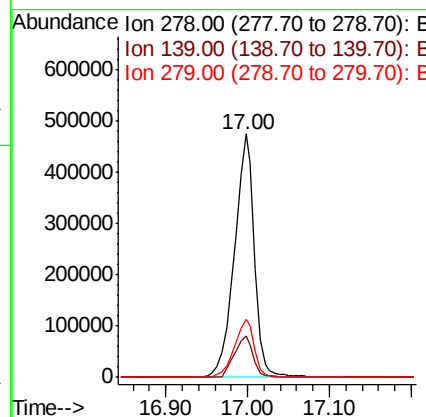
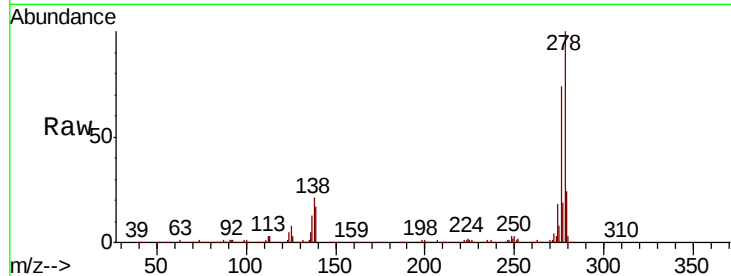
#91
Dibenzo(a,h)anthracene
Concen: 62.602 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Instrument :
BNA_F
ClientSampleId :
PB121887BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.6	19.0
279	23.7	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 61.815 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.02 min
Lab File: BF115936.D
Acq: 2 Aug 2019 10:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	21.8	17.8	26.8

