

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115992.D
 Acq On : 5 Aug 2019 20:54
 Operator : HP/JU
 Sample : K4093-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Manual Integrations
 APPROVED

mohammad
 8/8/2019 4:45:45 PM

Quant Time: Aug 06 03:58:52 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	140735	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	543804	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	292579	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	521580	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	375314	20.00	ng	-0.02
87) Perylene-d12	15.47	264	345964	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1019736	121.30	ng	0.02
7) Phenol-d6	6.49	99	1242787	117.17	ng	0.00
23) Nitrobenzene-d5	7.41	82	930425	98.76	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	412930	145.57	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1635491	104.70	ng	-0.01
79) Terphenyl-d14	12.95	244	1943395	109.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	144670	34.064	ng	# 85
3) Pyridine	3.52	79	298086	25.126	ng	99
4) n-Nitrosodimethylamine	3.45	42	180982	38.656	ng	100
6) Aniline	6.52	93	152521	10.041	ng	# 86
8) 2-Chlorophenol	6.64	128	396770	42.681	ng	98
9) Benzaldehyde	6.40	77	151275	20.670	ng	98
10) Phenol	6.50	94	428891	34.338	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	414528	45.140	ng	96
12) 1,3-Dichlorobenzene	6.79	146	424683	39.529	ng	97
13) 1,4-Dichlorobenzene	6.86	146	437579	40.678	ng	99
14) 1,2-Dichlorobenzene	7.02	146	400743	40.458	ng	99
15) Benzyl Alcohol	6.99	79	350529	43.547	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	519232	41.453	ng	93
17) 2-Methylphenol	7.10	107	333197	42.329	ng	99
18) Hexachloroethane	7.36	117	160896	40.625	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	287522	43.745	ng	98
20) 3+4-Methylphenols	7.26	107	407056	43.699	ng	# 73
22) Acetophenone	7.26	105	562597	47.173	ng	# 98
24) Nitrobenzene	7.43	77	453654	44.597	ng	98
25) Isophorone	7.67	82	831839	46.177	ng	99
26) 2-Nitrophenol	7.75	139	222017	46.301	ng	96
27) 2,4-Dimethylphenol	7.78	122	366049	50.741	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	507432	45.446	ng	99
29) 2,4-Dichlorophenol	7.99	162	358160	47.020	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	383655	44.186	ng	100
31) Naphthalene	8.15	128	1191899	46.576	ng	100
32) Benzoic acid	7.91	122	153428	30.166	ng	98
33) 4-Chloroaniline	8.20	127	93339	8.163	ng	99
34) Hexachlorobutadiene	8.26	225	214361	42.861	ng	99
35) Caprolactam	8.57	113	83668m	33.962	ng	
36) 4-Chloro-3-methylphenol	8.69	107	376720	47.540	ng	98
37) 2-Methylnaphthalene	8.84	142	804338	47.726	ng	99
38) 1-Methylnaphthalene	8.94	142	749918	47.035	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	365069	46.673	ng	99

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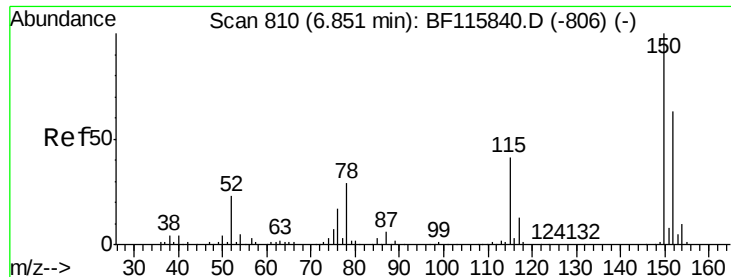
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	220309	64.018	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	245963	45.685	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	266422	47.872	ng	99
46) 1,1'-Biphenyl	9.30	154	983108	47.594	ng	98
47) 2-Chloronaphthalene	9.33	162	771049	44.850	ng	98
48) 2-Nitroaniline	9.42	65	250250	44.038	ng	89
49) Acenaphthylene	9.75	152	1180809	47.079	ng	100
50) Dimethylphthalate	9.60	163	930962	46.732	ng	100
51) 2,6-Dinitrotoluene	9.66	165	205705	47.515	ng #	85
52) Acenaphthene	9.92	154	713239	46.353	ng	99
53) 3-Nitroaniline	9.83	138	96609	18.060	ng	91
54) 2,4-Dinitrophenol	9.95	184	157301	72.274	ng	96
55) Dibenzofuran	10.09	168	1065936	47.636	ng	98
56) 4-Nitrophenol	10.01	139	296771	86.603	ng	98
57) 2,4-Dinitrotoluene	10.07	165	273060	47.373	ng	93
58) Fluorene	10.43	166	820943	47.685	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	220650	47.126	ng	100
60) Diethylphthalate	10.30	149	889141	47.806	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	414112	47.495	ng	98
62) 4-Nitroaniline	10.45	138	225482	40.787	ng	99
63) Azobenzene	10.58	77	921176	48.153	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	128162	46.368	ng	91
66) n-Nitrosodiphenylamine	10.54	169	745814	47.507	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	258934	46.375	ng	91
68) Hexachlorobenzene	10.98	284	290572	45.005	ng	98
69) Atrazine	11.06	200	238265	46.134	ng	99
70) Pentachlorophenol	11.18	266	287936	91.858	ng	100
71) Phenanthrene	11.39	178	1244279	46.665	ng	99
72) Anthracene	11.44	178	1290152	47.809	ng	98
73) Carbazole	11.60	167	1172846	47.906	ng	99
74) Di-n-butylphthalate	11.92	149	1424351	49.872	ng	99
75) Fluoranthene	12.58	202	1351819	48.426	ng	99
77) Benzidine	12.70	184	65161	5.139	ng	98
78) Pyrene	12.81	202	1354149	47.864	ng	99
80) Butylbenzylphthalate	13.42	149	629812	52.627	ng	94
81) Benzo(a)anthracene	14.00	228	1132726	47.219	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	165375	19.843	ng	98
83) Chrysene	14.03	228	1114016	47.834	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	879492	56.553	ng	100
85) Di-n-octyl phthalate	14.59	149	1383886	56.024	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1032014	52.760	ng	99
88) Benzo(b)fluoranthene	15.04	252	950711	47.526	ng	98
89) Benzo(k)fluoranthene	15.07	252	912076	46.811	ng	99
90) Benzo(a)pyrene	15.41	252	871577	48.740	ng	100
91) Dibenzo(a,h)anthracene	16.95	278	855267	55.254	ng	98
92) Benzo(g,h,i)perylene	17.38	276	887493	58.381	ng	100

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



#1

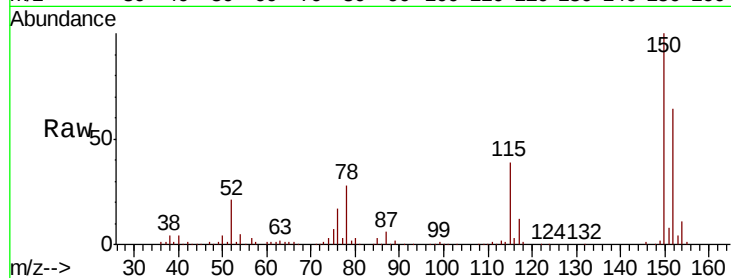
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	61.2	51.8	77.8

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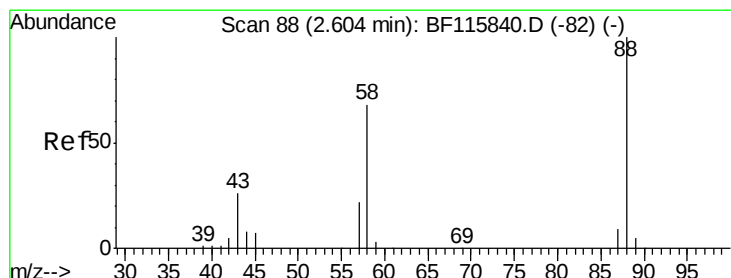
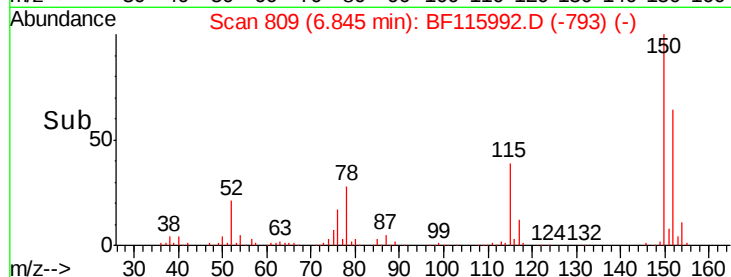
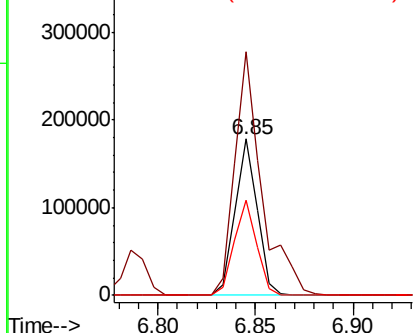


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

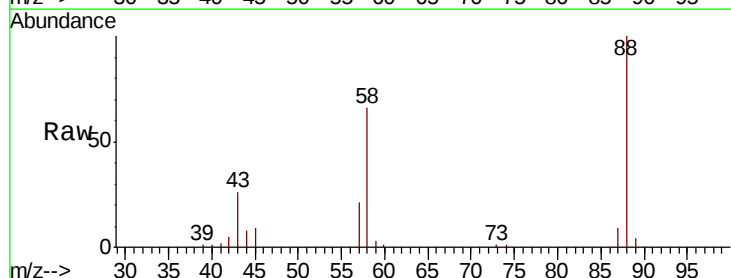
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.064 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.22 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	54.1	81.1
43	0.0	20.7	31.1#

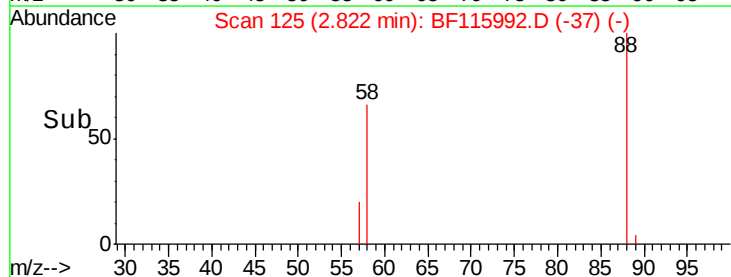
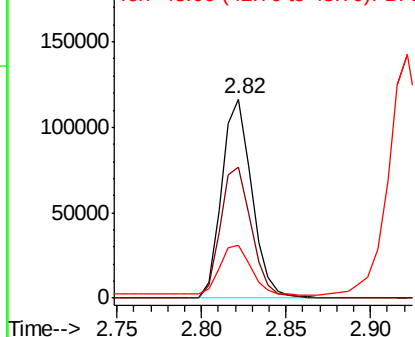


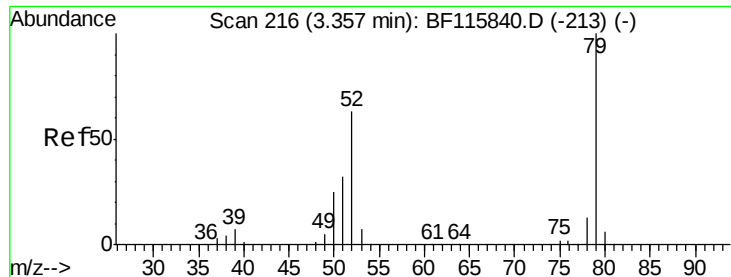
Abundance

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: 25.126 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.16 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

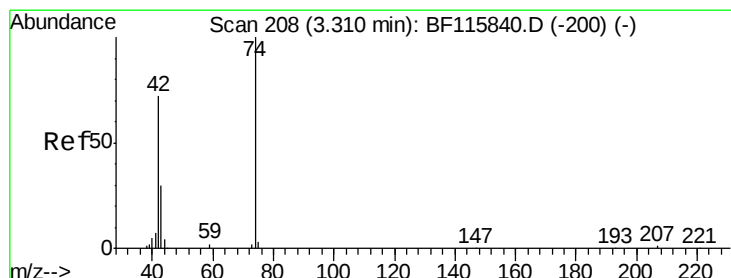
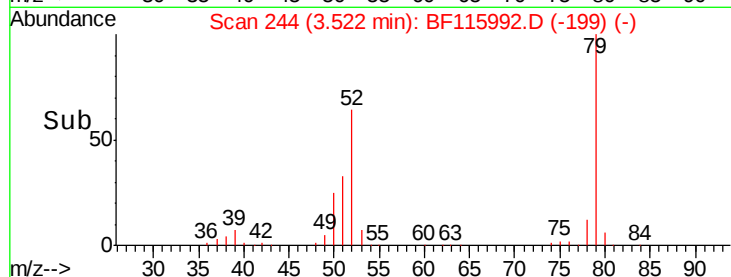
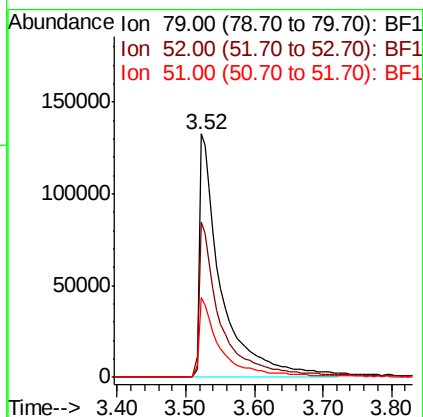
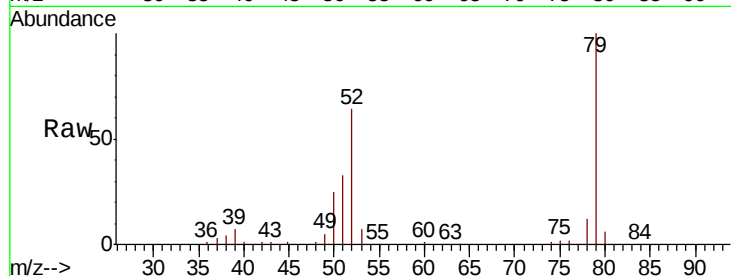
ClientSampleId :

PL-02-080119MS

Tot Ion:	79	Resp:	298086
Ion	Ratio	Lower	Upper
79	100		
52	64.0	50.2	75.4
51	32.8	25.8	38.6

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#4

n-Nitrosodimethylamine

Concen: 38.656 ng

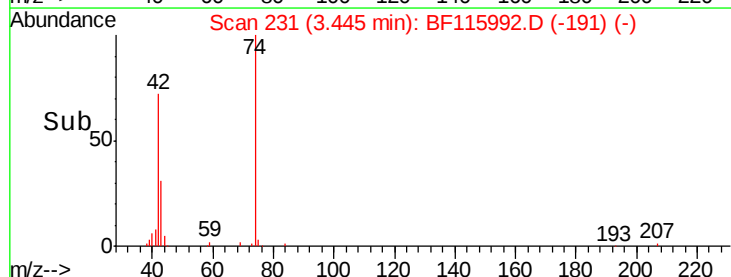
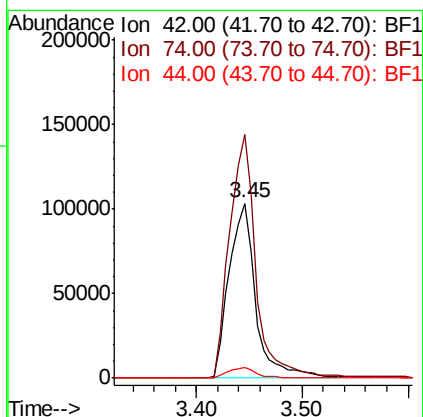
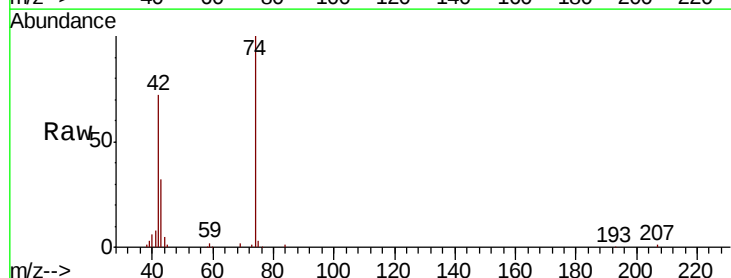
RT: 3.45 min Scan# 231

Delta R.T. 0.14 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Tgt Ion:	42	Resp:	180982
Ion	Ratio	Lower	Upper
42	100		
74	139.1	111.0	166.4
44	6.4	4.7	7.1





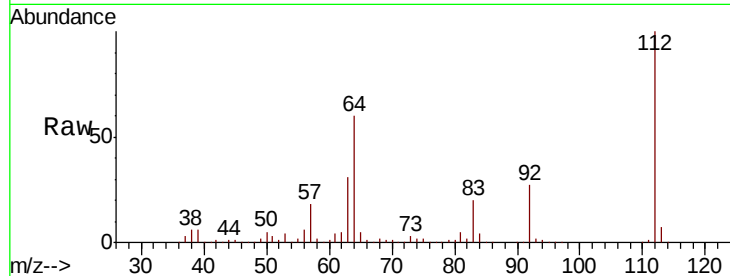
#5
2-Fluorophenol
Concen: 121.299 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

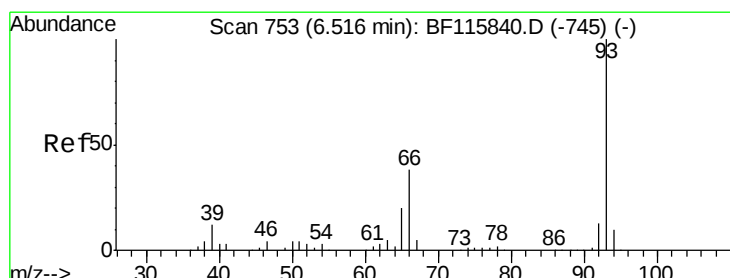
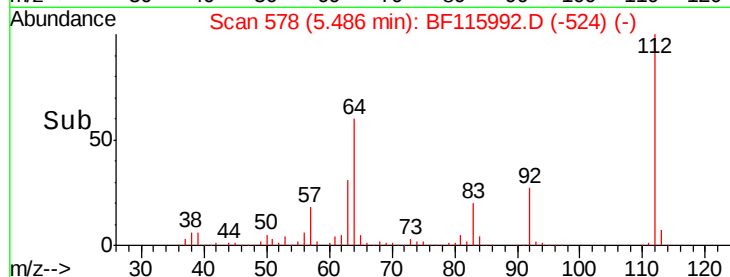
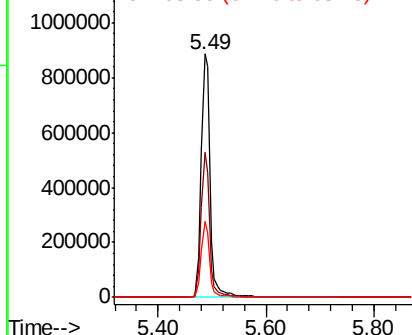
Tot Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.8	70.2
63	31.0	24.2	36.2

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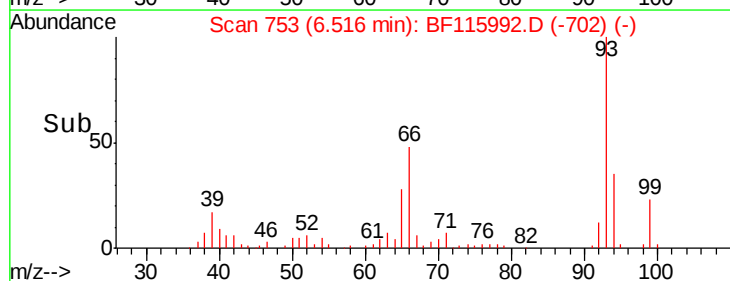
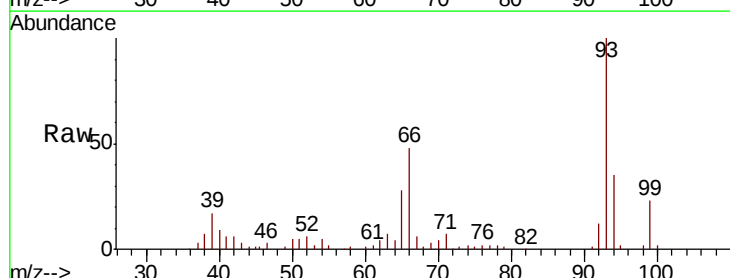
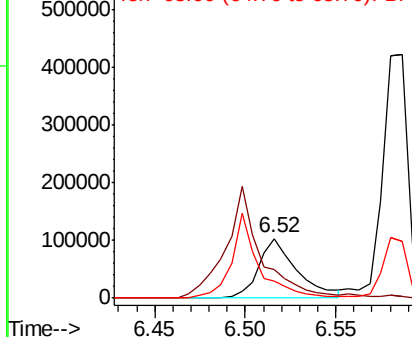
Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6
Aniline
Concen: 10.041 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
93	100		
66	47.7	31.4	47.0#
65	27.7	16.5	24.7#

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





#7

Phenol-d6

Concen: 117.170 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

Tot Ion: 99 Resp: 1242787

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

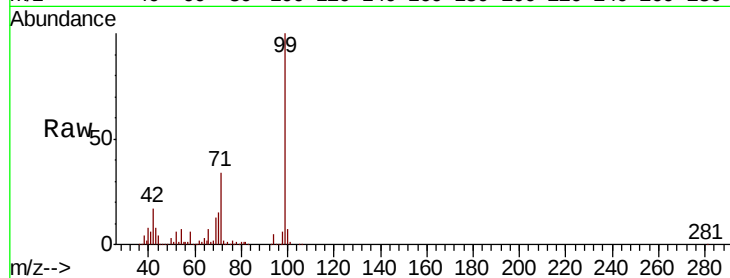
71 33.9 27.1 40.7

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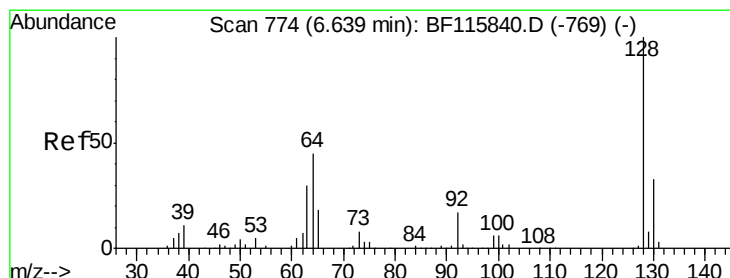
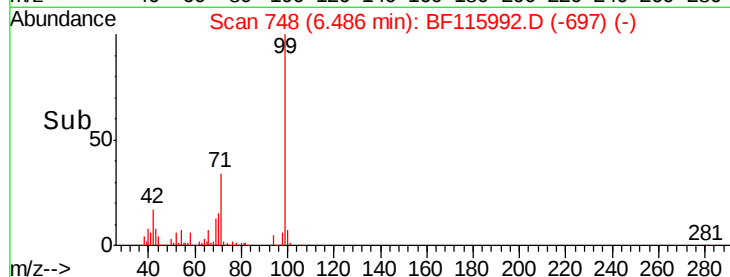
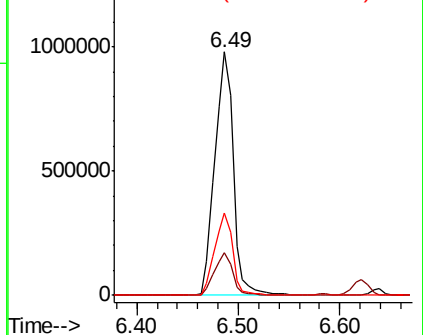
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.681 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

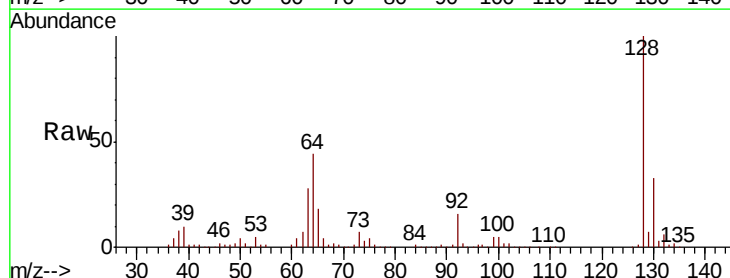
Tgt Ion: 128 Resp: 396770

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

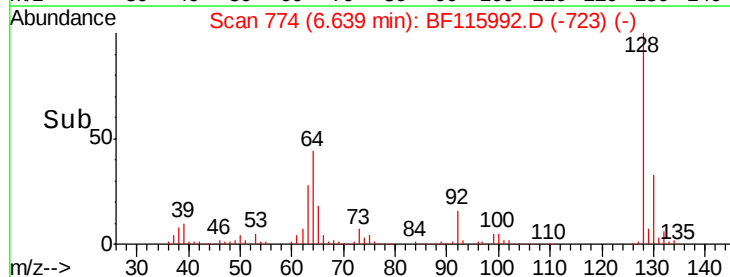
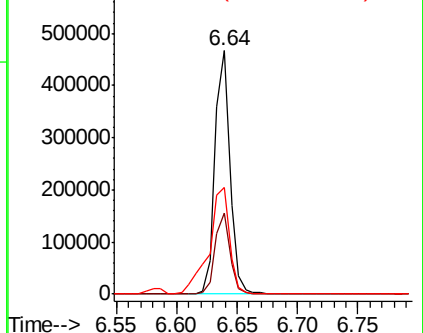
64 43.7 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.670 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

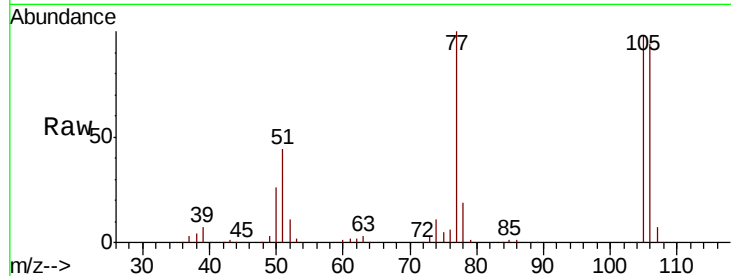
ClientSampleId :

PL-02-080119MS

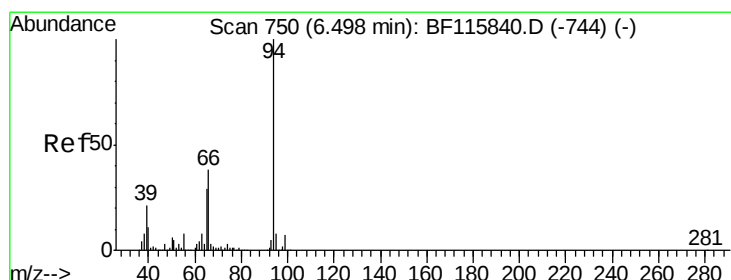
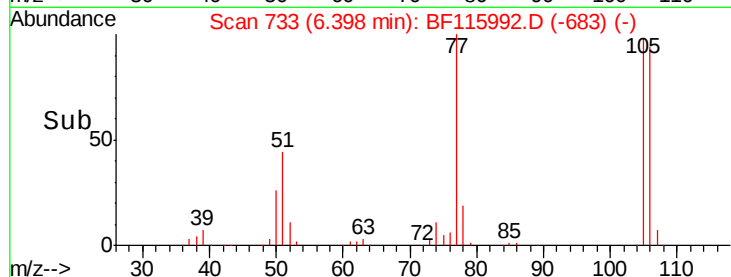
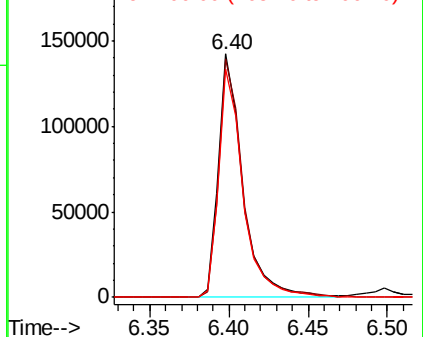
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.0	79.0	119.0		
106	93.9	76.2	116.2		

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.338 ng

RT: 6.50 min Scan# 750

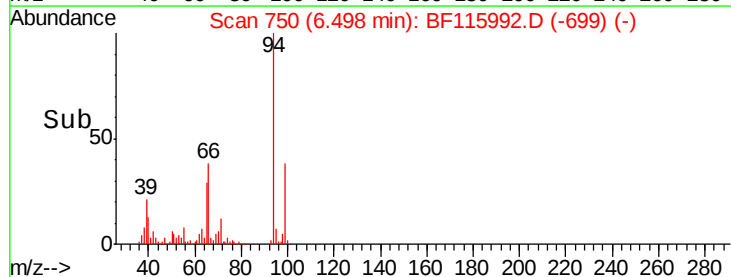
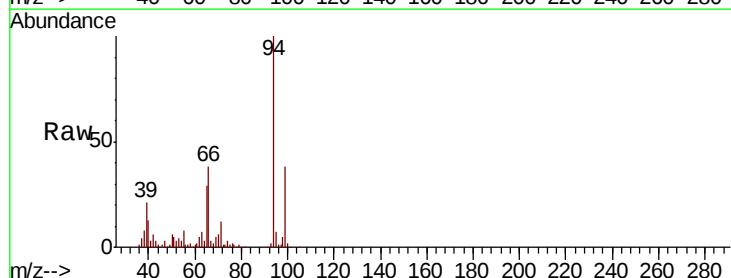
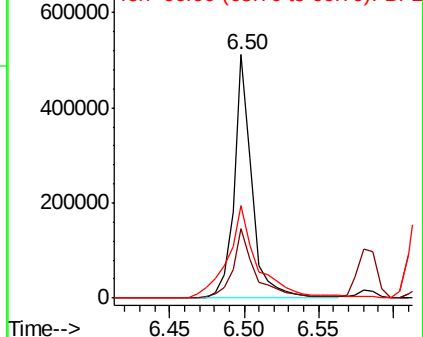
Delta R.T. -0.00 min

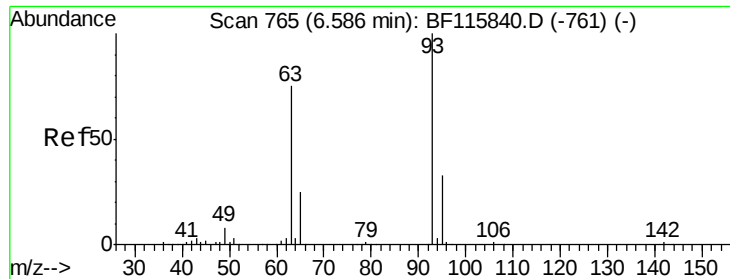
Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.6	8.9	48.9		
66	38.0	18.0	58.0		

Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





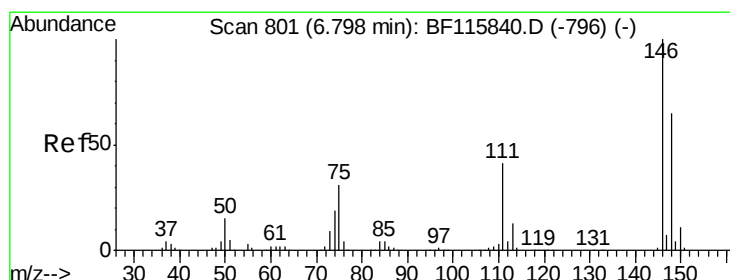
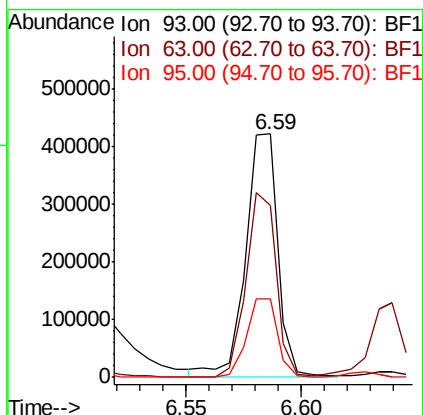
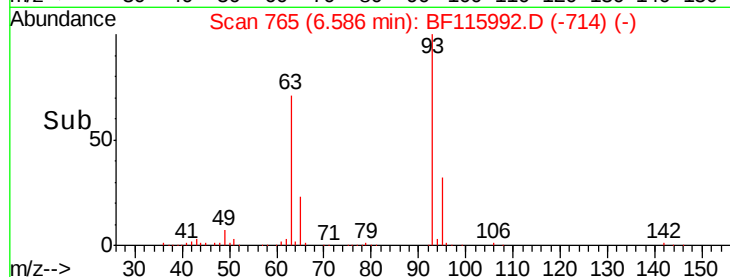
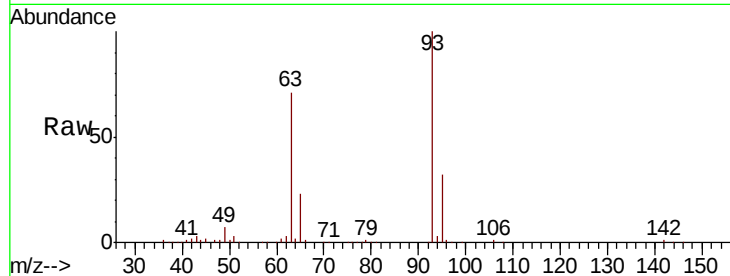
#11
bis(2-Chloroethyl)ether
Concen: 45.140 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion:	93	Resp:	414528
Ion	Ratio	Lower	Upper
93	100		
63	70.8	54.9	94.9
95	32.2	13.3	53.3

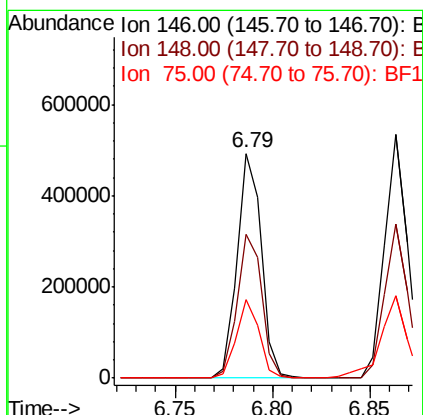
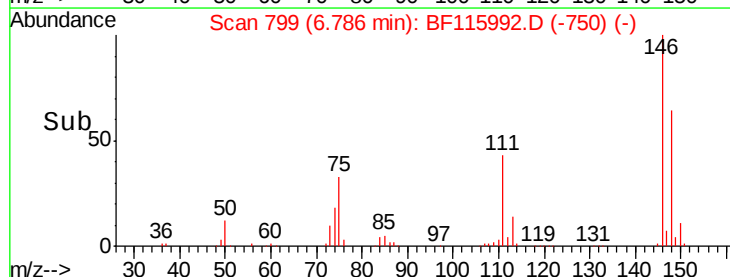
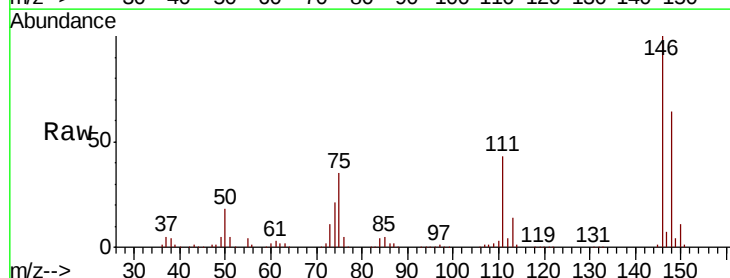
Manual Integrations
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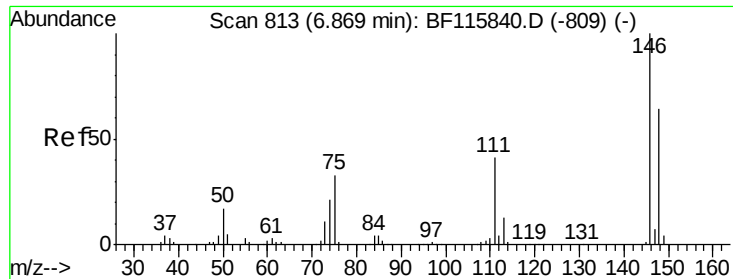
mohammad
8/8/2019 4:45:45 PM



#12
1,3-Dichlorobenzene
Concen: 39.529 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion:	146	Resp:	424683
Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
75	34.7	25.0	37.6





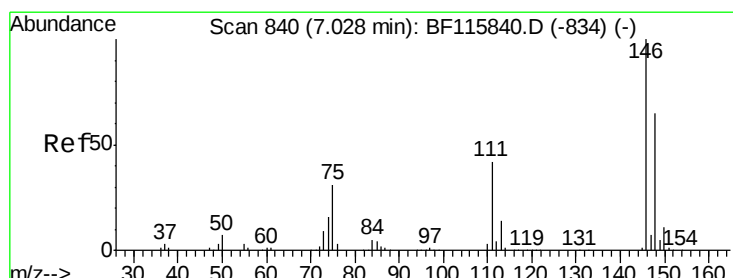
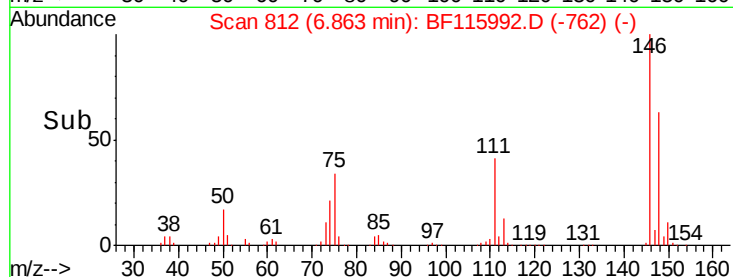
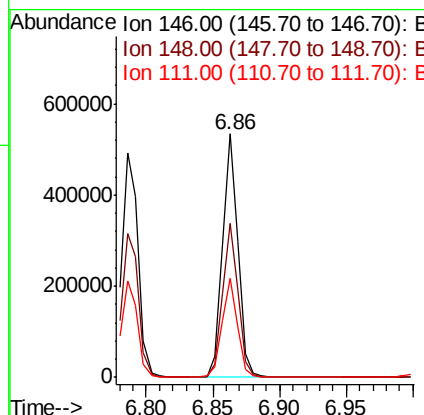
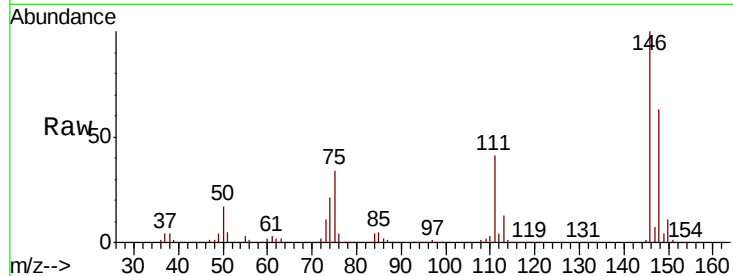
#13
1,4-Dichlorobenzene
Concen: 40.678 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.2	76.8
111	40.9	33.2	49.8

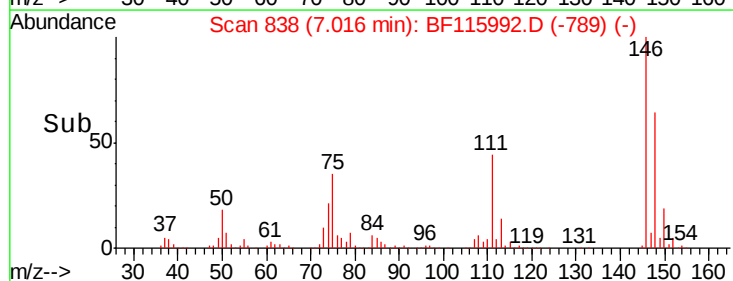
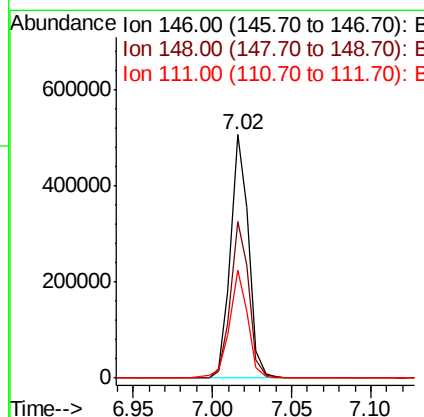
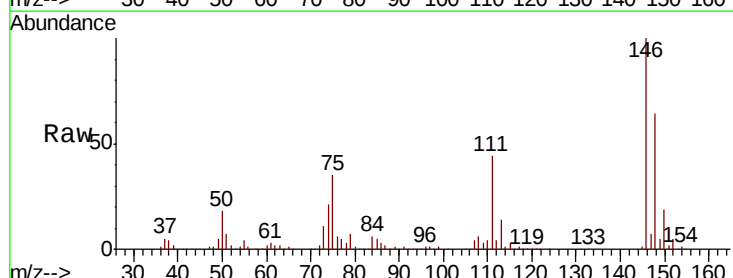
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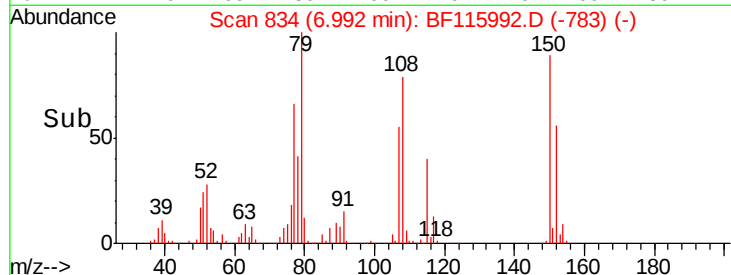
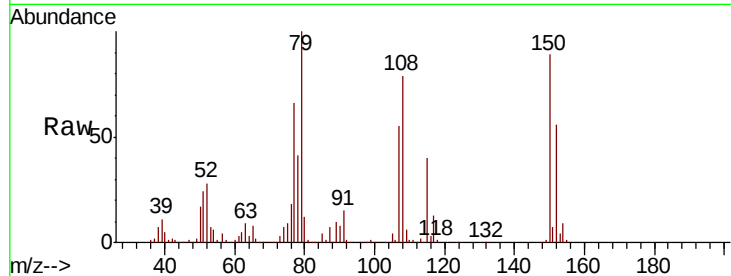
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.458 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	44.3	33.6	50.4





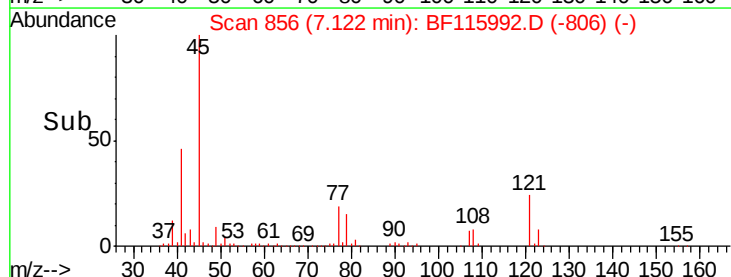
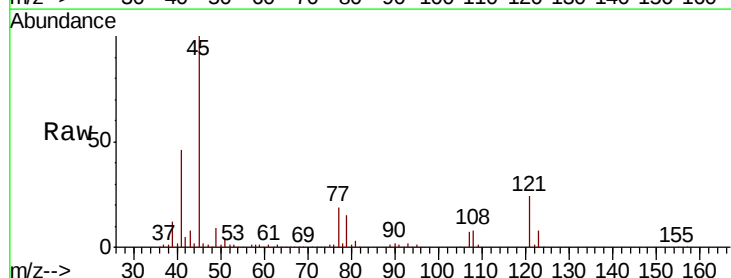
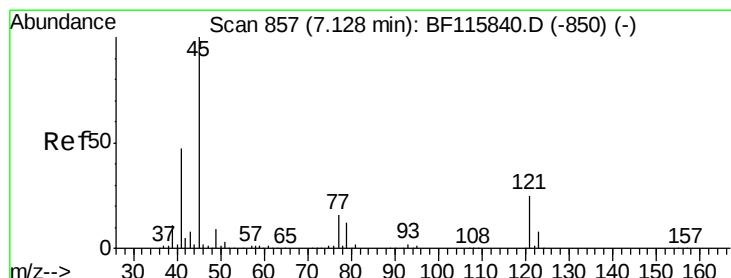
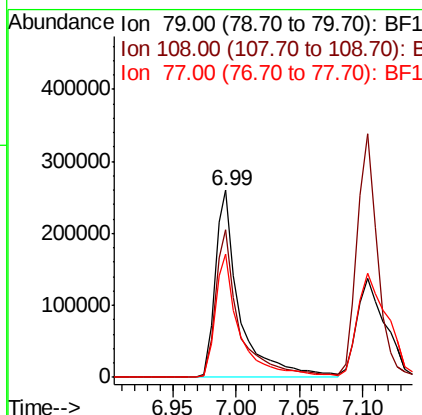
#15
Benzyl Alcohol
Concen: 43.547 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tot Ion	Ratio	Resp	Lower	Upper
79	100	350529		
108	79.0	62.8	94.2	
77	65.7	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

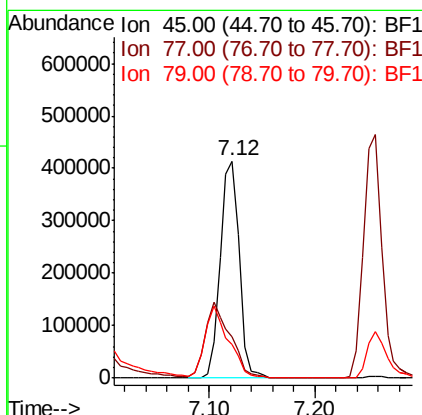
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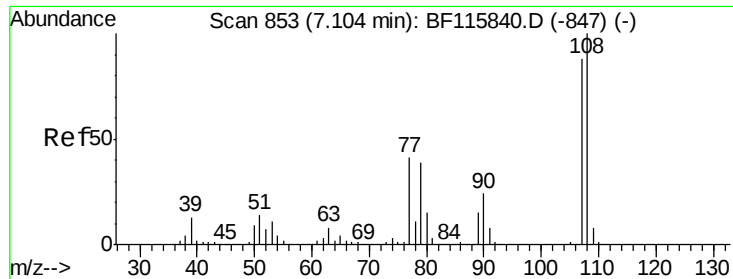
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.453 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	519232		
77	19.0	0.0	36.3	
79	15.2	0.0	32.5	





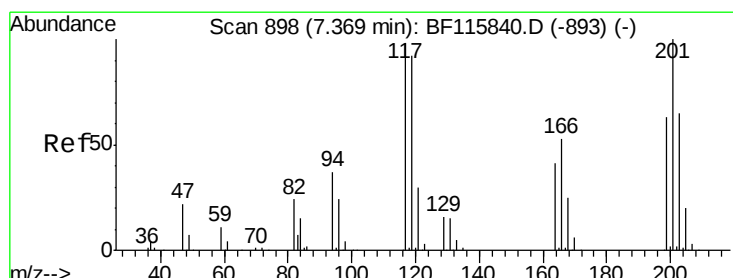
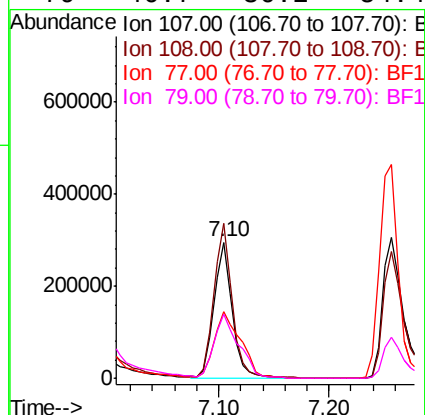
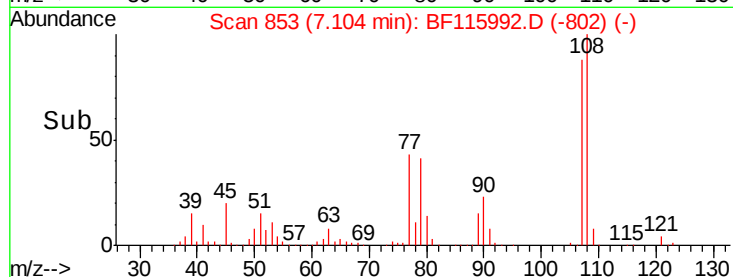
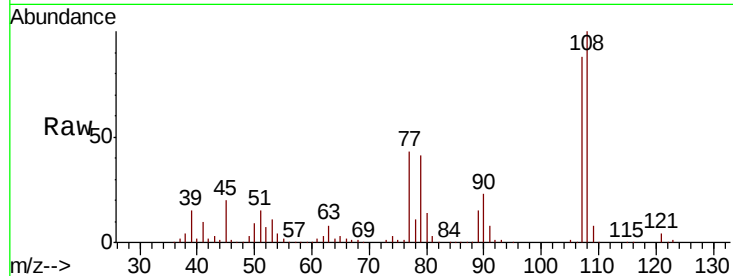
#17
2-Methylphenol
Concen: 42.329 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.4	137.0	
77	49.1	37.6	56.4	
79	46.7	36.2	54.4	

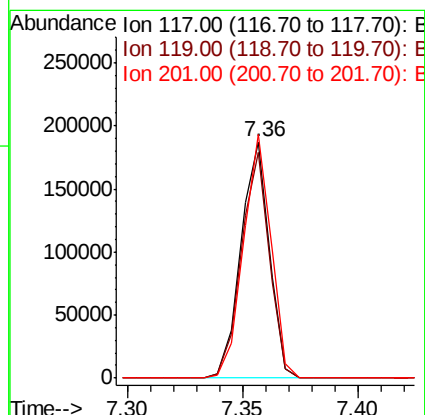
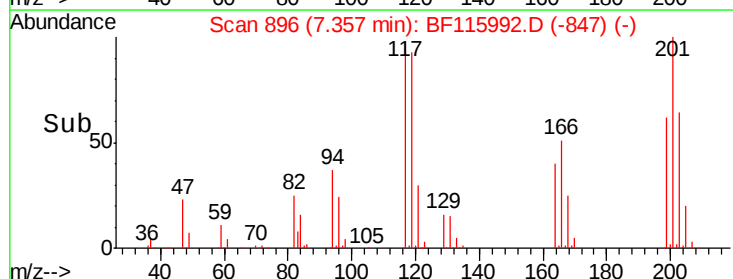
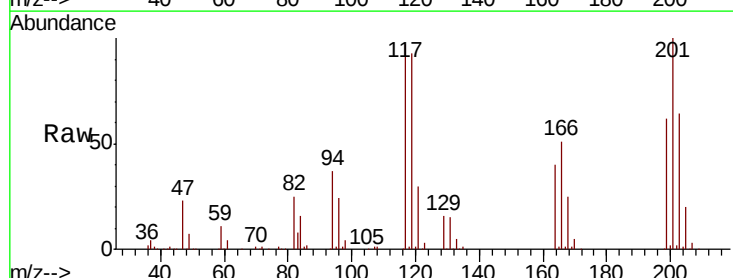
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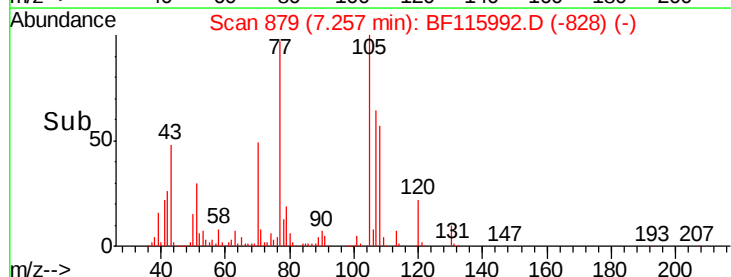
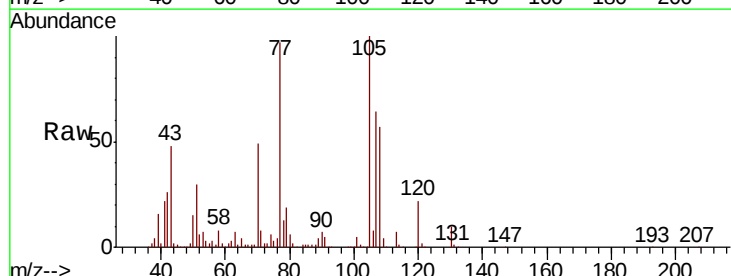
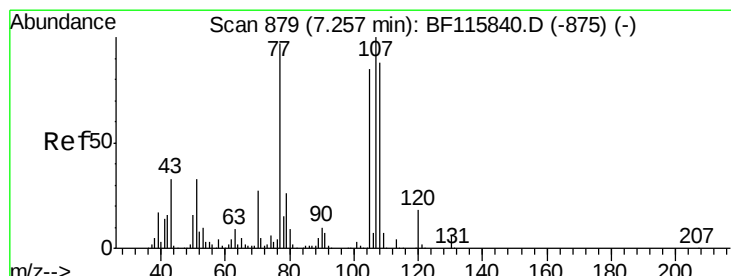
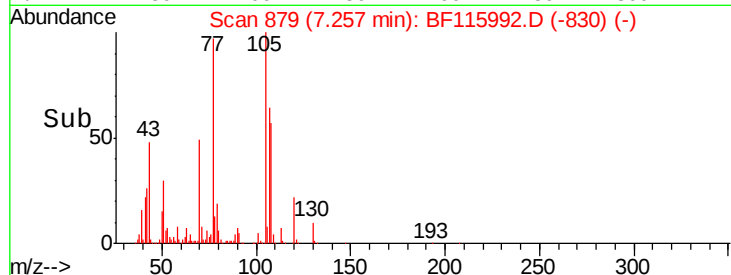
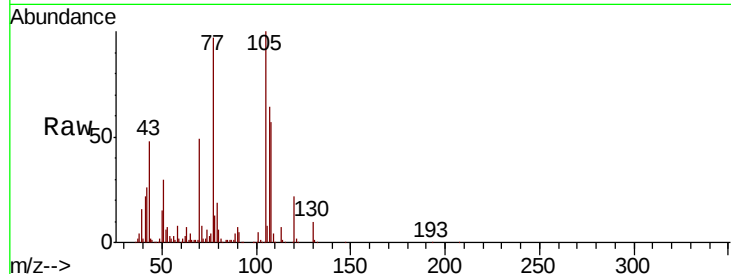
mohammad
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#18
Hexachloroethane
Concen: 40.625 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

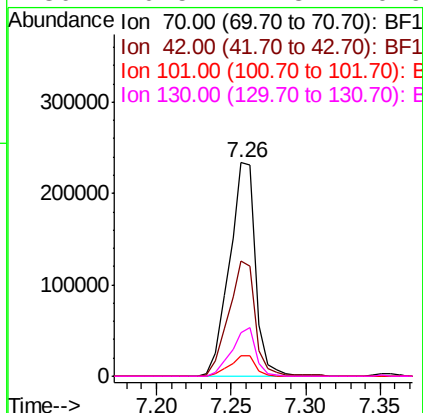
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	75.8	113.6	
201	103.1	82.0	123.0	





#19
n-Nitroso-di-n-propylamine
Concen: 43.745 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.7	41.8	62.8	
101	9.5	7.7	11.5	
130	20.5	17.8	26.6	



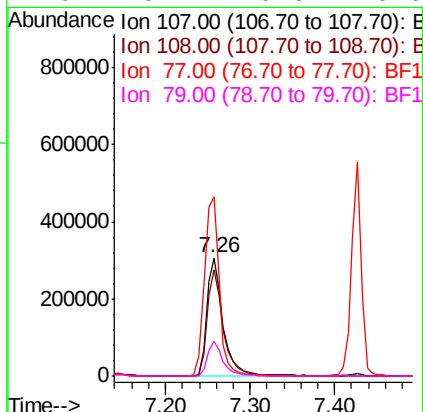
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

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#20
3+4-Methylphenols
Concen: 43.699 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	67.9	107.9	
77	151.5	77.3	117.3	
79	29.2	6.6	46.6	





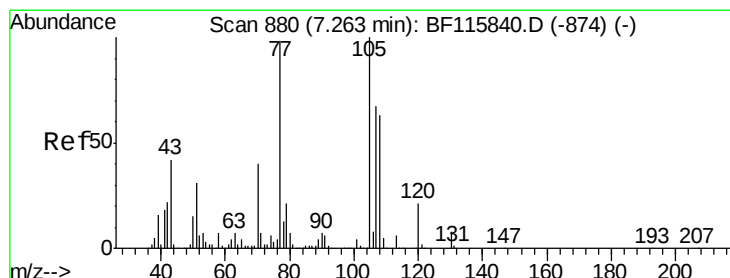
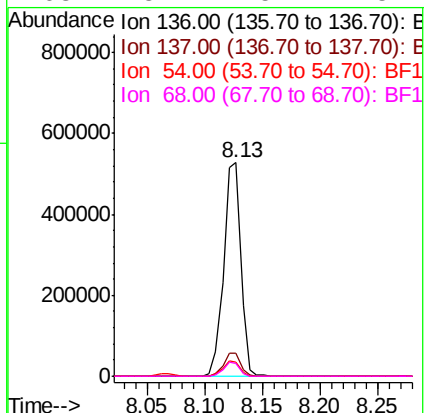
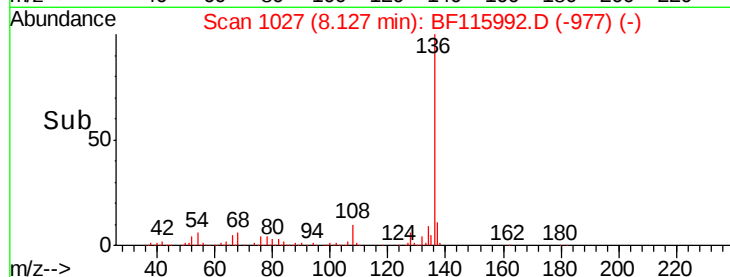
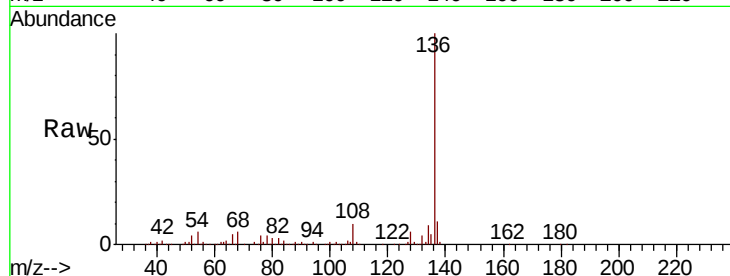
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	543804		
137	10.9		9.1	13.7
54	6.4		6.1	9.1
68	5.7		5.4	8.2

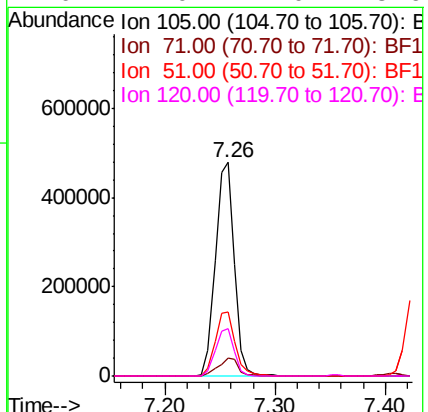
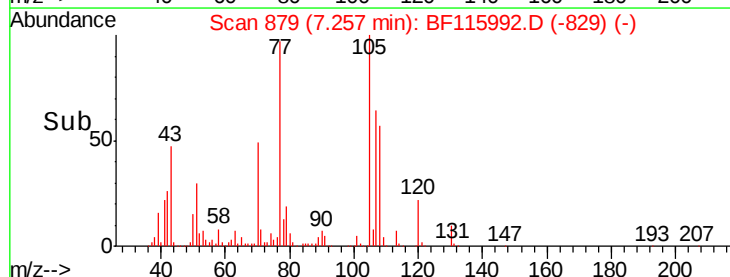
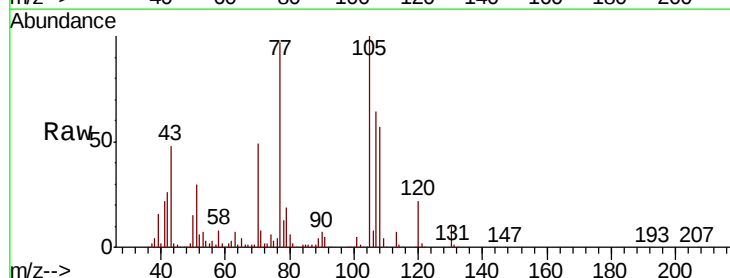
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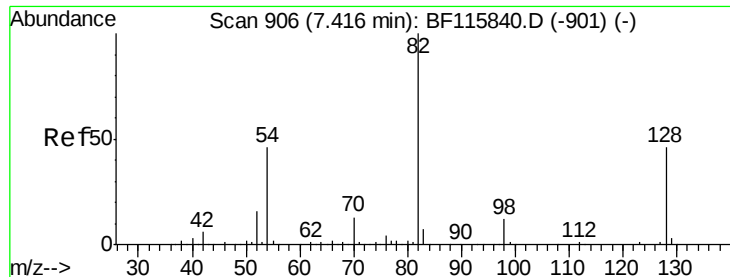
mohammad
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#22
Acetophenone
Concen: 47.173 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562597		
71	8.1		5.4	8.0#
51	30.1		24.6	36.8
120	22.0		17.0	25.6





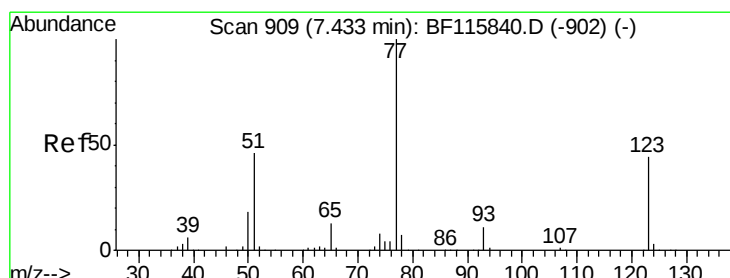
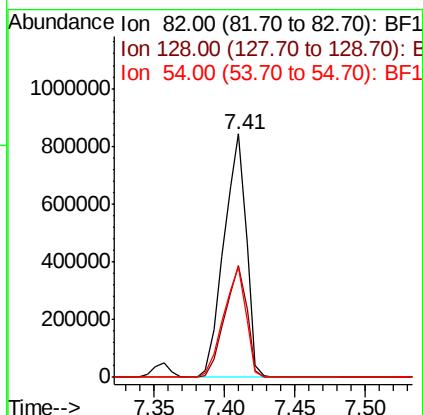
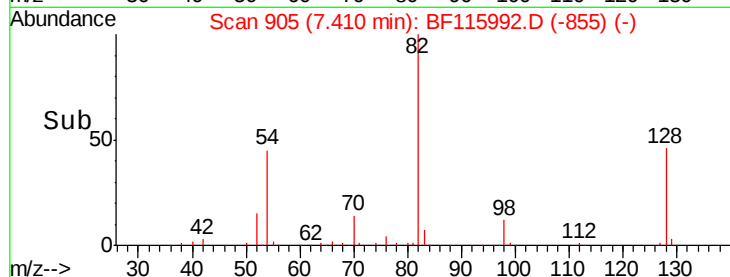
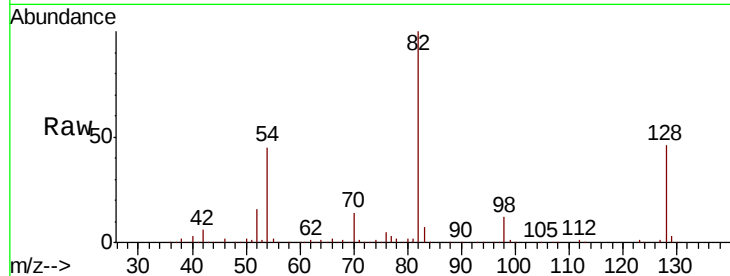
#23
 Nitrobenzene-d5
 Concen: 98.762 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.6	55.0
54	45.2	36.6	55.0

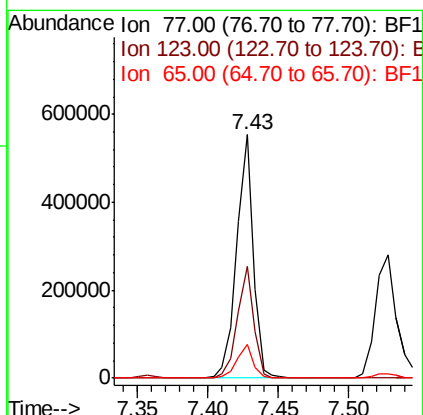
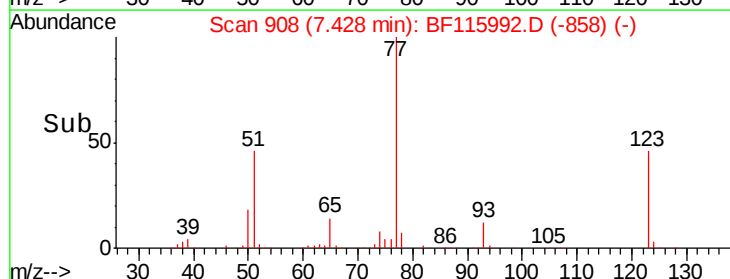
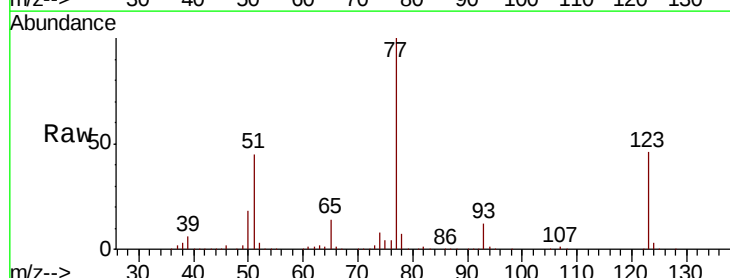
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#24
 Nitrobenzene
 Concen: 44.597 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.1	35.5	53.3
65	13.7	10.6	15.8





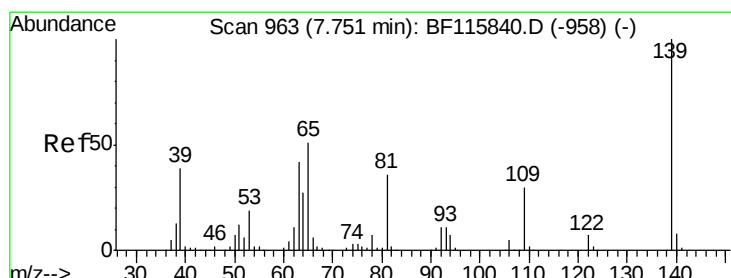
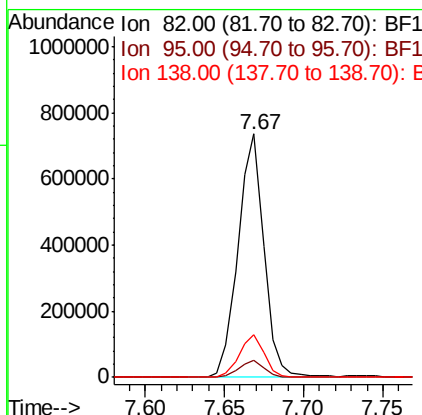
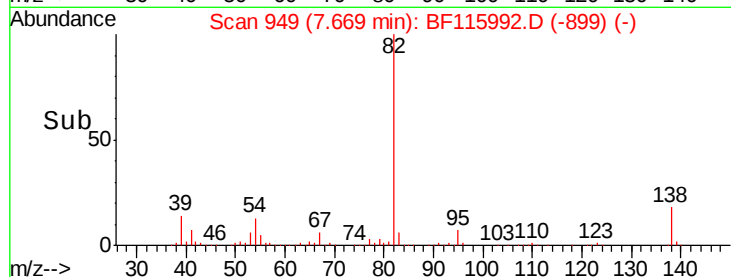
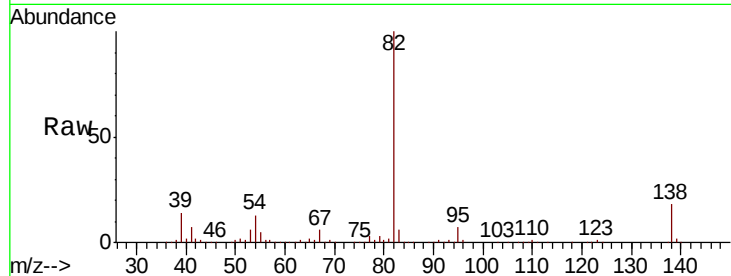
#25
Isophorone
Concen: 46.177 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	831839		
95	6.8	5.5	8.3	
138	17.8	13.9	20.9	

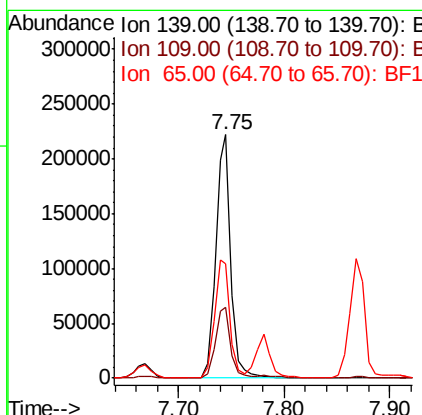
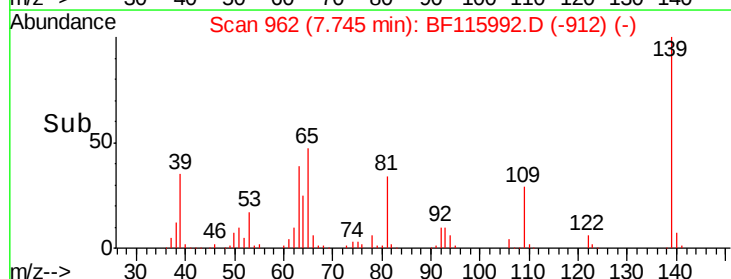
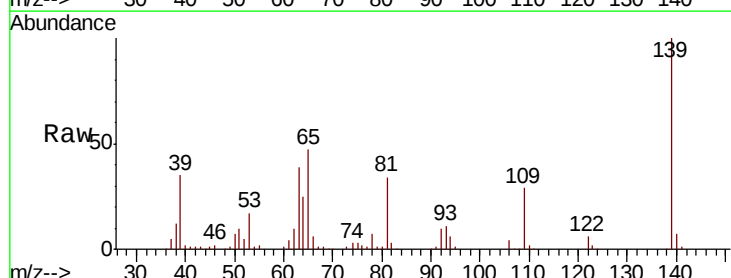
Manual Integrations
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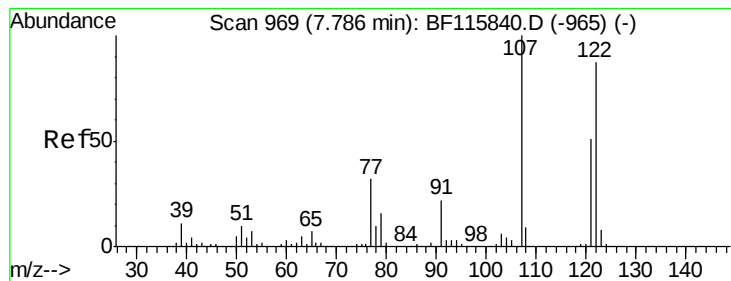
mohammad
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#26
2-Nitrophenol
Concen: 46.301 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	222017		
109	29.1	23.6	35.4	
65	46.8	40.6	60.8	





#27

2,4-Dimethylphenol

Concen: 50.741 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

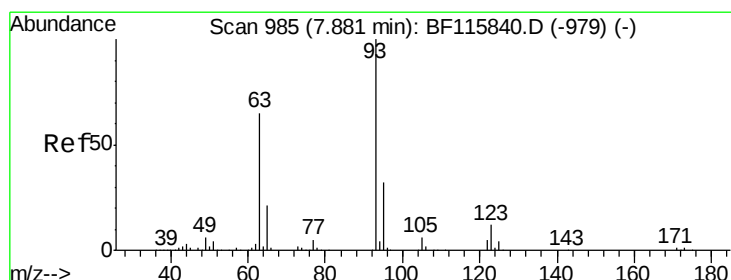
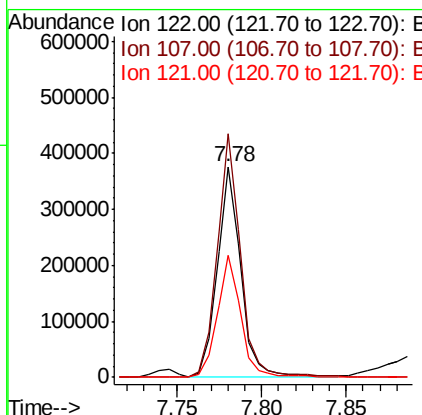
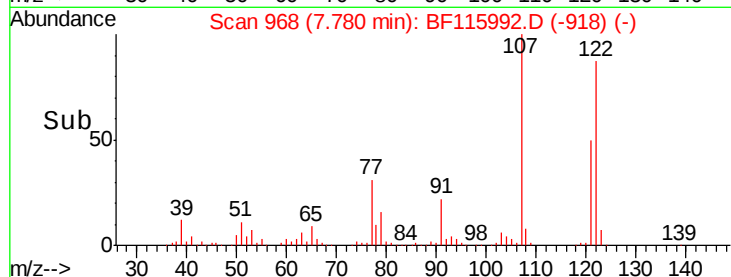
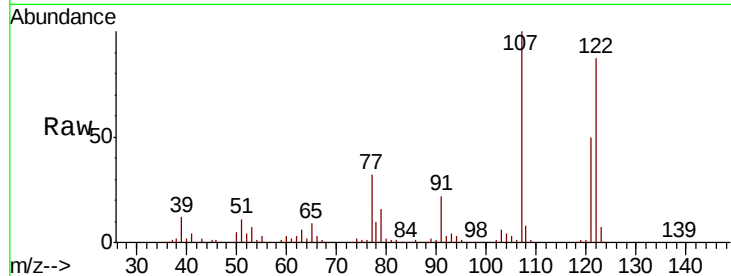
ClientSampleId :

PL-02-080119MS

Tot Ion:	122	Resp:	366049
Ion Ratio	Lower	Upper	
122	100		
107	115.5	91.7	137.5
121	57.8	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 45.446 ng

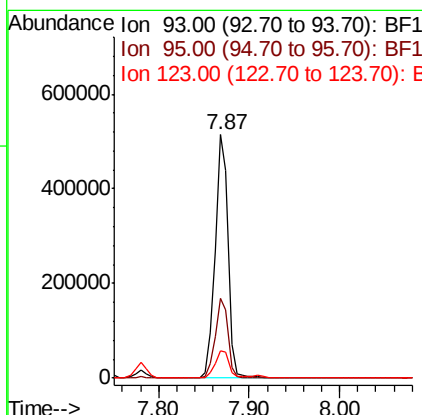
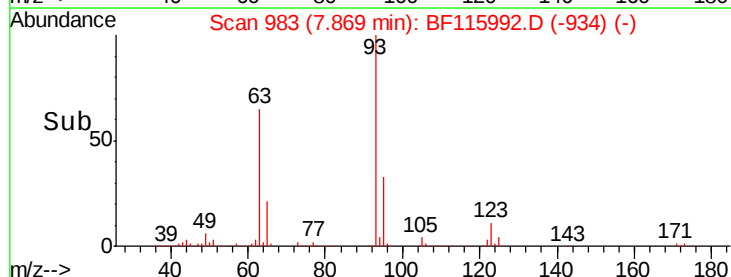
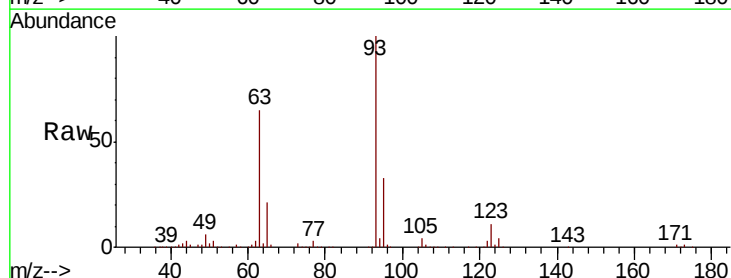
RT: 7.87 min Scan# 983

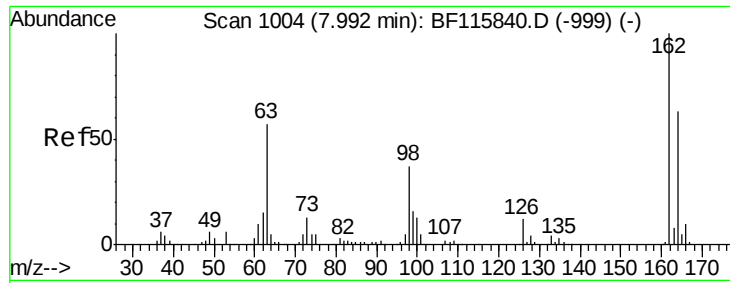
Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Tgt Ion:	93	Resp:	507432
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	11.4	9.5	14.3





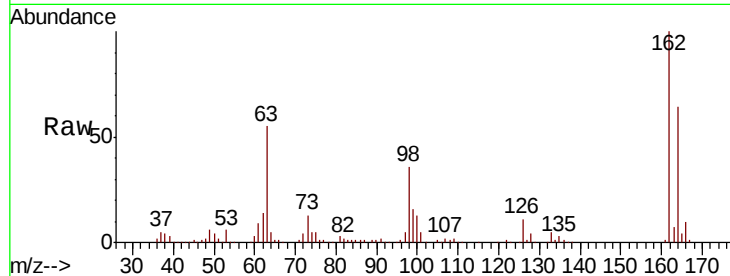
#29
2,4-Dichlorophenol
Concen: 47.020 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	358160		
164	64.5	43.2	83.2	
98	36.4	17.3	57.3	

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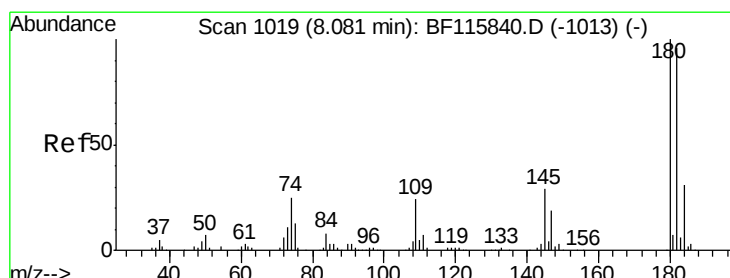
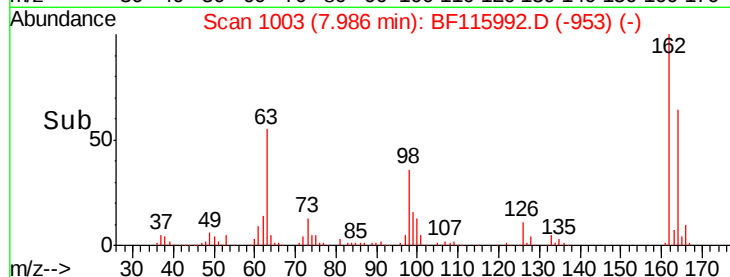
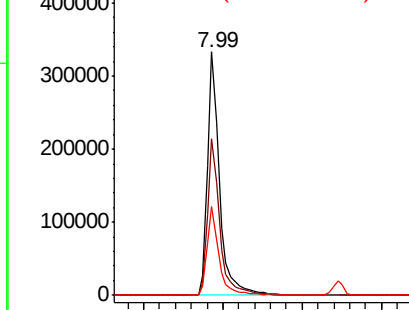


Abundance

Ion 162.00 (161.70 to 162.70): E

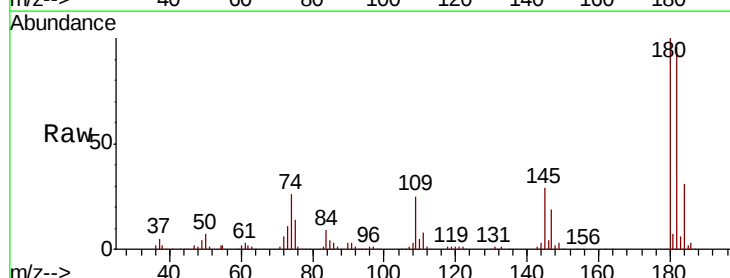
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 44.186 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	383655		
182	95.7	76.6	114.8	
145	29.5	23.2	34.8	

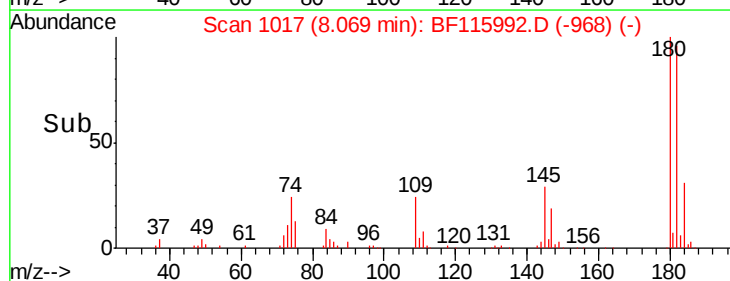
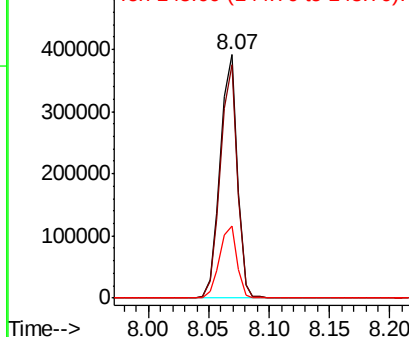


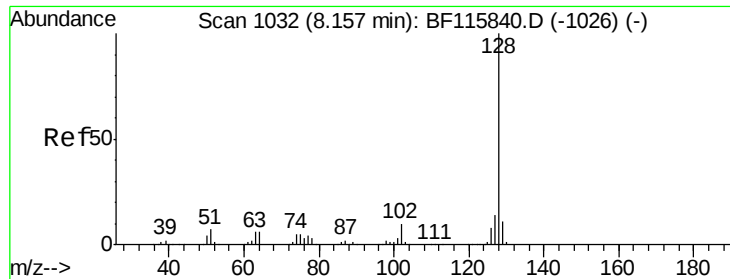
Abundance

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





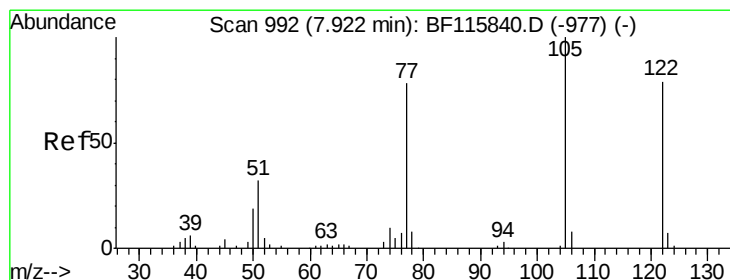
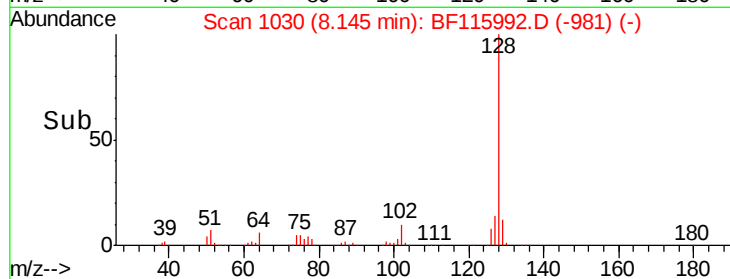
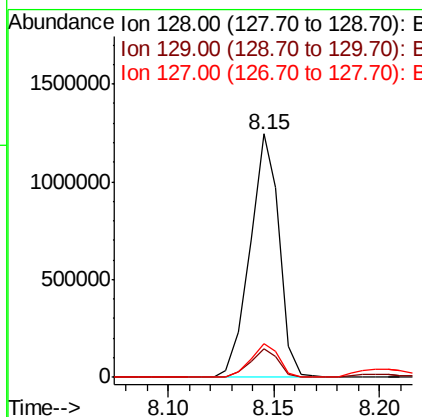
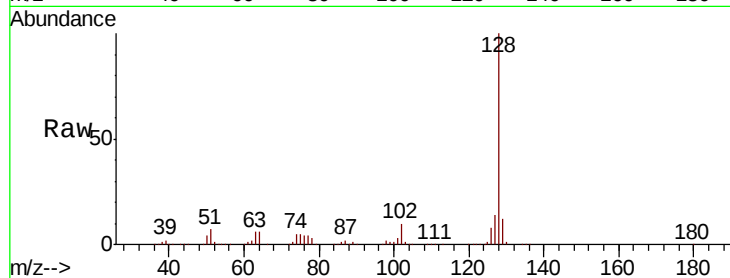
#31
Naphthalene
Concen: 46.576 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

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

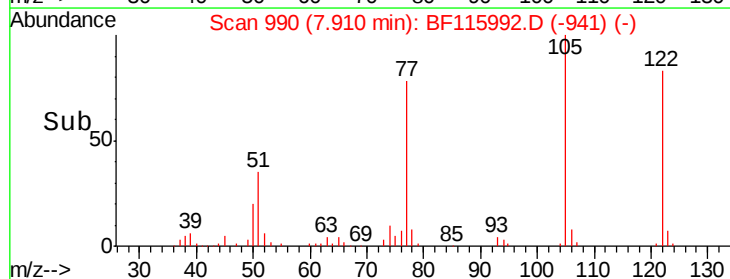
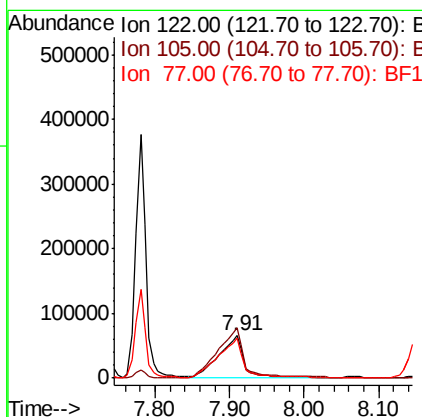
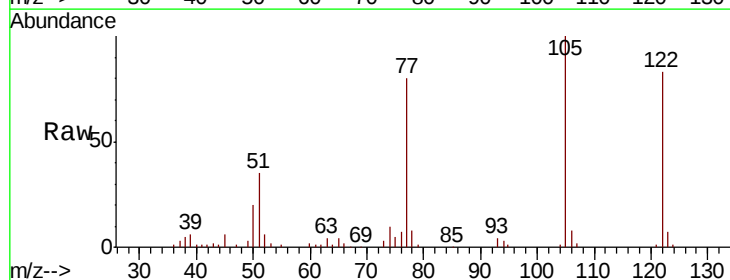
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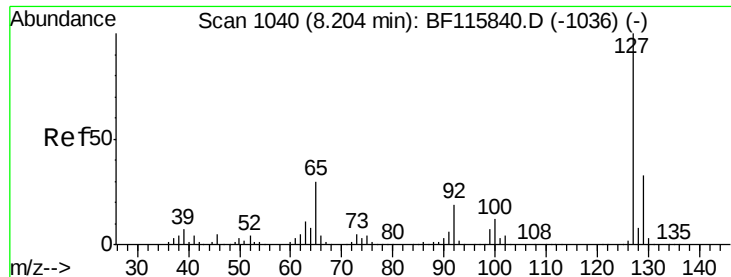
mohammad
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#32
Benzoic acid
Concen: 30.166 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	103.1	143.1
77	95.6	76.8	116.8





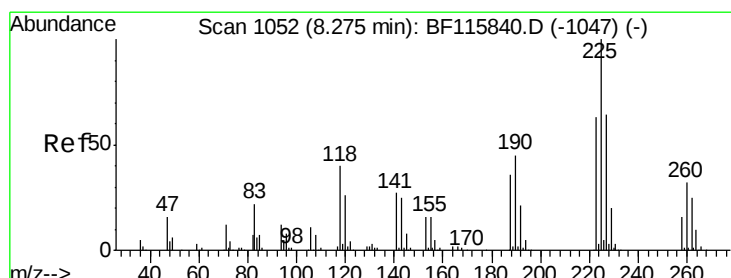
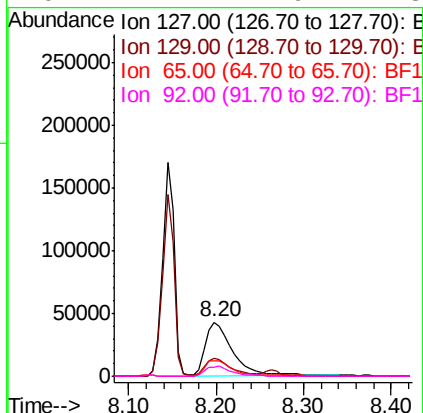
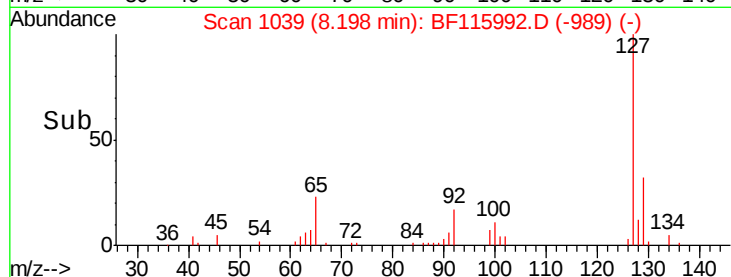
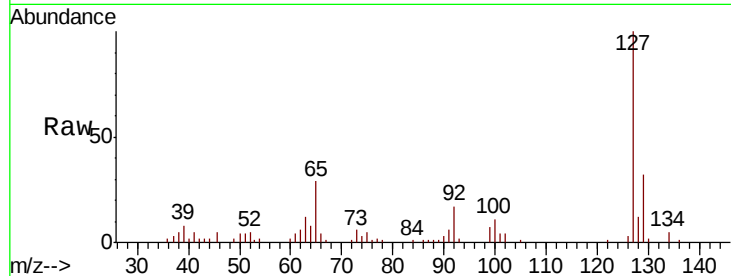
#33
4-Chloroaniline
Concen: 8.163 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.0	39.0		
65	29.5	23.9	35.9		
92	17.4	14.9	22.3		

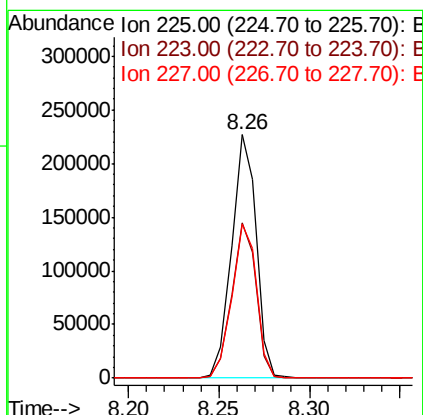
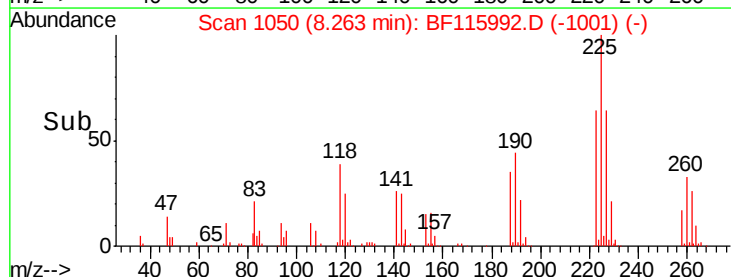
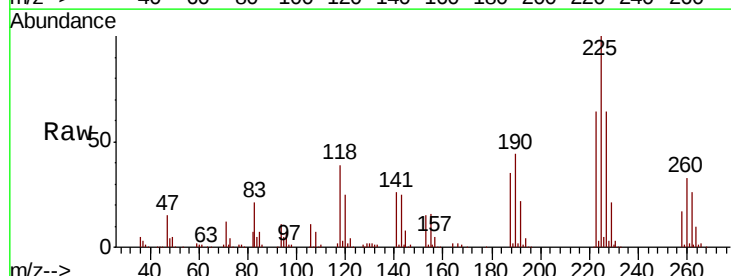
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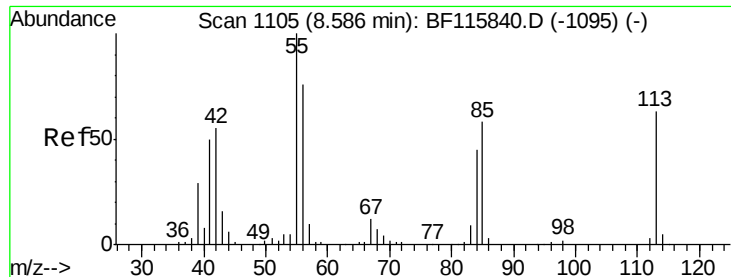
mohammad
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#34
Hexachlorobutadiene
Concen: 42.861 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	50.4	75.6		
227	63.5	51.6	77.4		





#35

Caprolactam

Concen: 33.962 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

Tot Ion:113 Resp: 83668

Ion Ratio Lower Upper

113 100

55 164.6 138.1 178.1

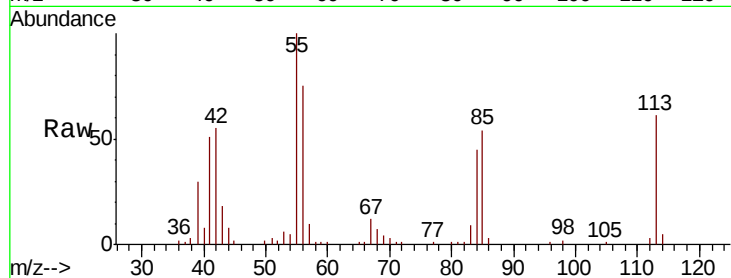
56 123.0 100.6 140.6

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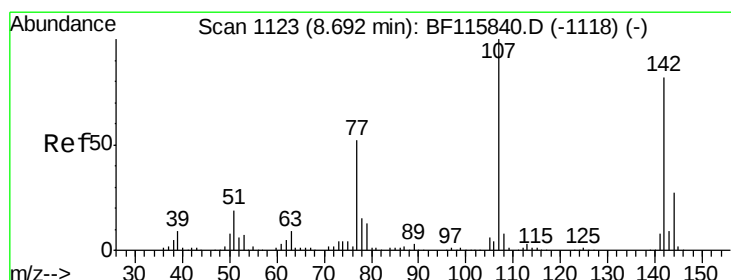
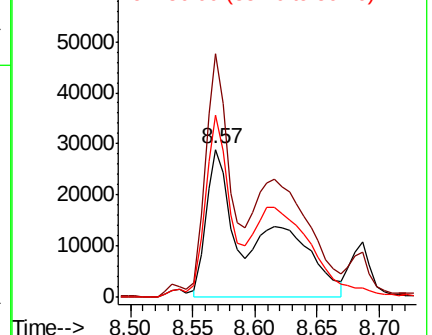
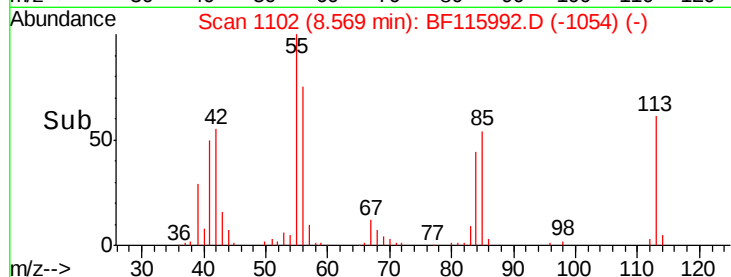
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 47.540 ng/mL

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

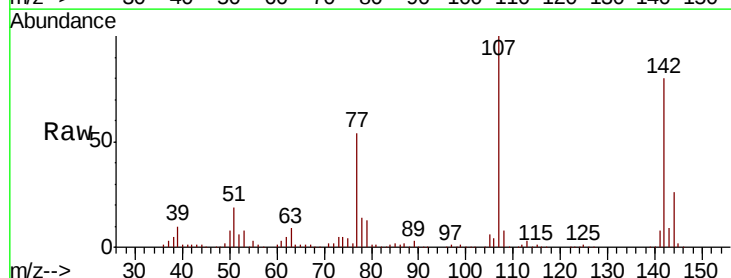
Tgt Ion:107 Resp: 376720

Ion Ratio Lower Upper

107 100

144 25.9 21.4 32.0

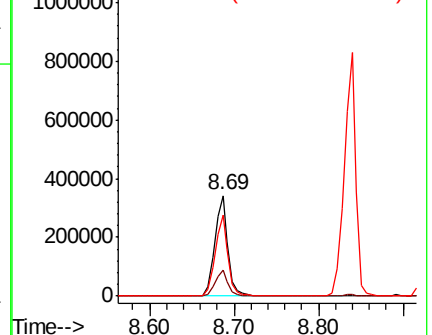
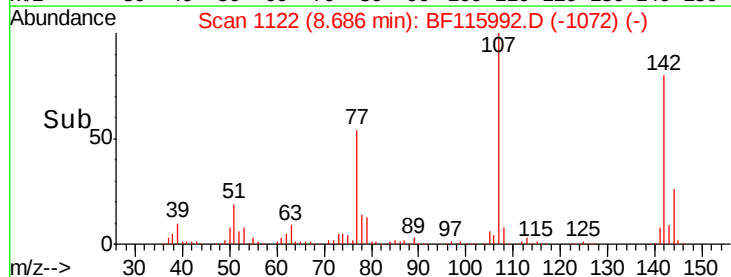
142 80.5 65.5 98.3

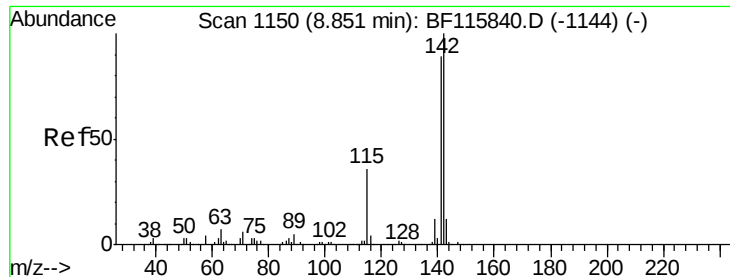


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





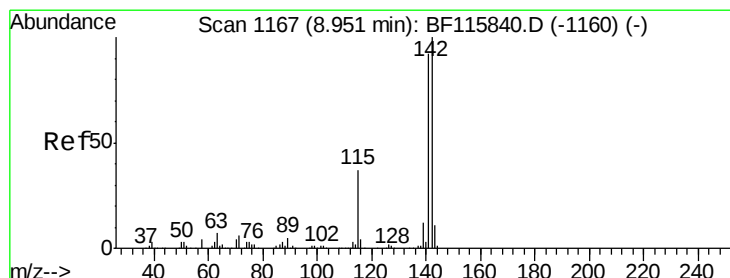
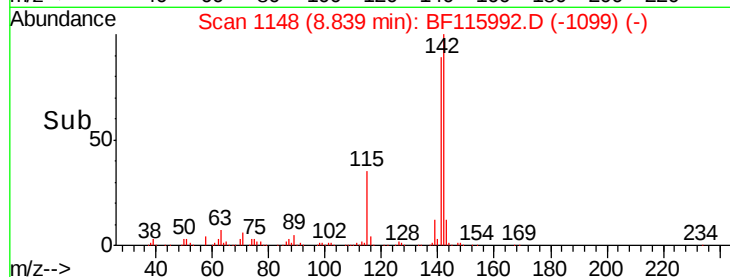
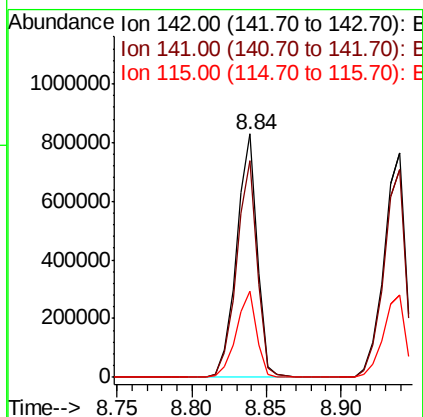
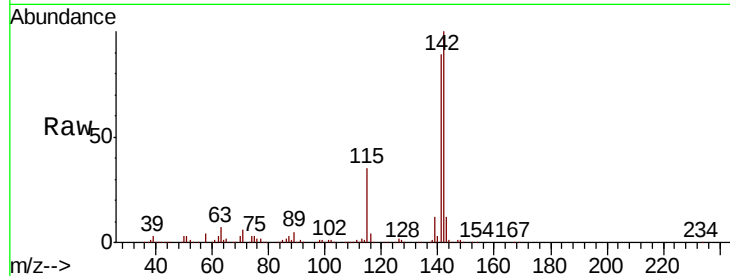
#37
2-Methylnaphthalene
Concen: 47.726 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	35.4	28.9	43.3

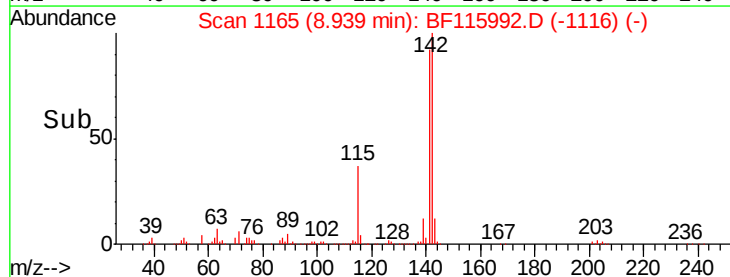
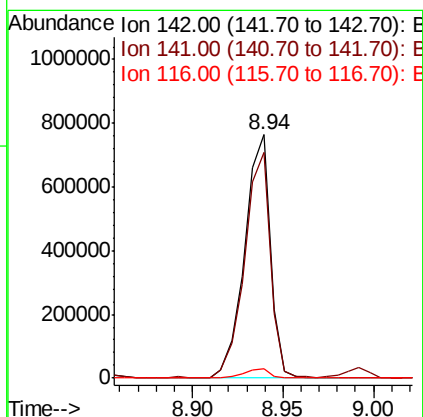
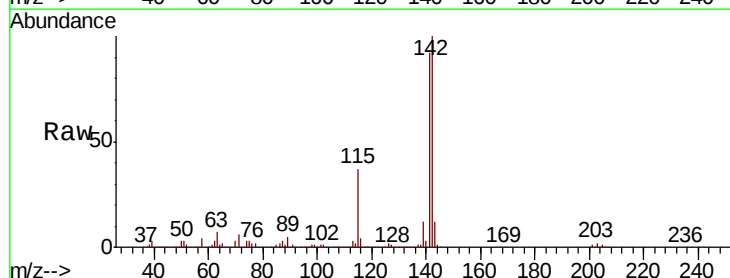
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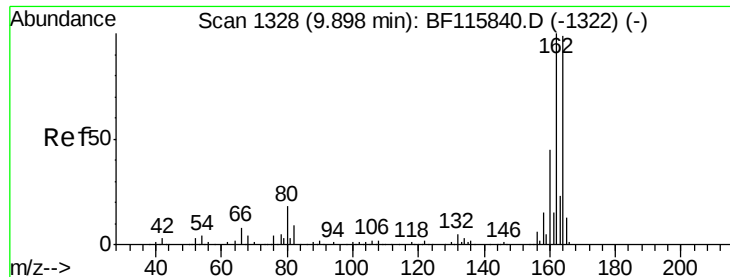
mohammad
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#38
1-Methylnaphthalene
Concen: 47.035 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.8	110.6
116	3.7	3.1	4.7





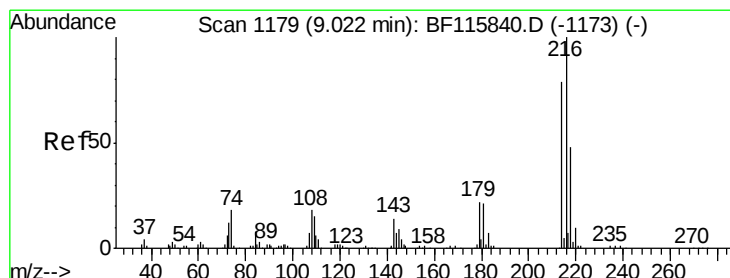
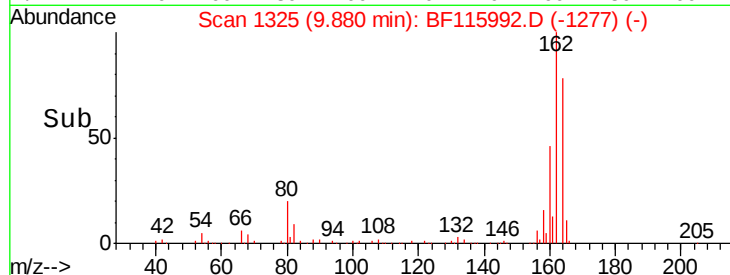
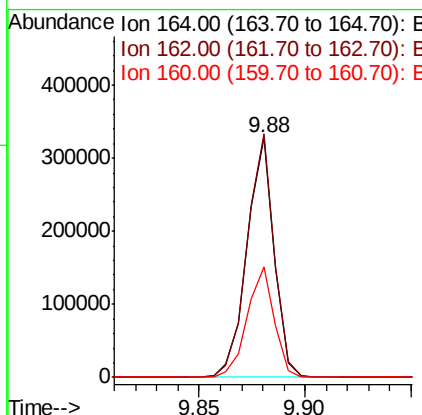
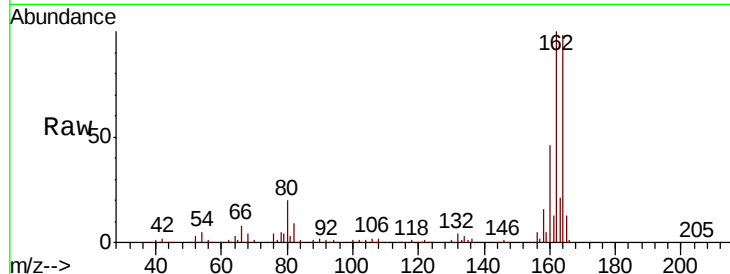
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.8	121.2
160	46.4	36.2	54.4

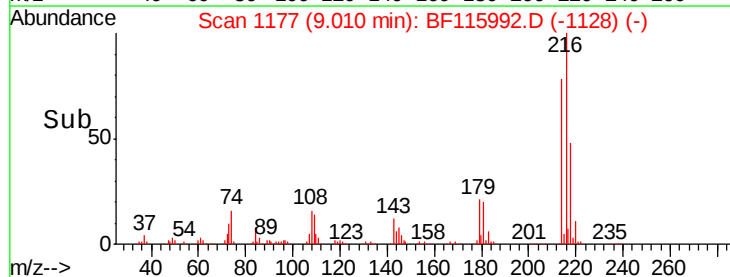
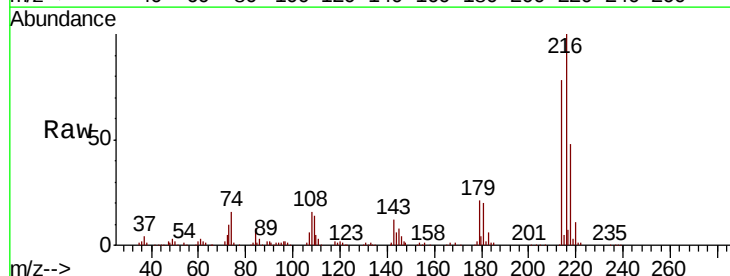
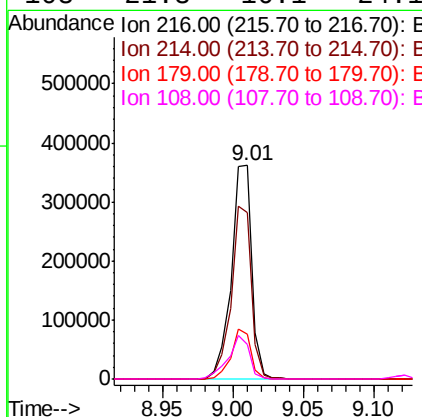
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.673 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.8	94.2
179	22.1	17.6	26.4
108	21.3	16.1	24.1





#41

Hexachlorocyclopentadiene

Concen: 64.018 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

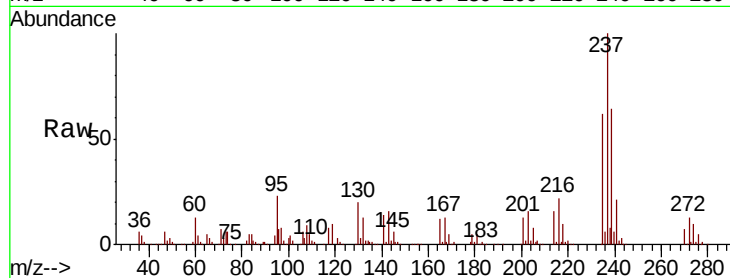
ClientSampleId :

PL-02-080119MS

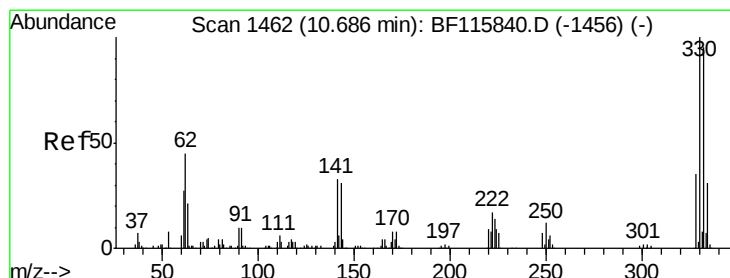
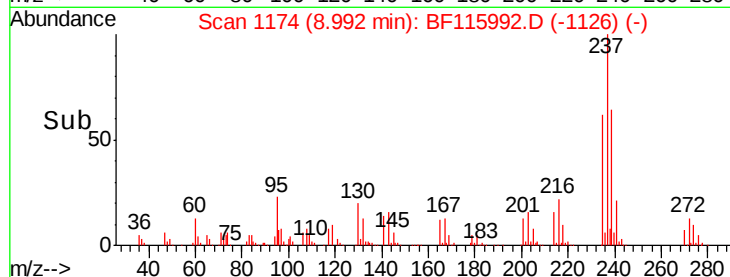
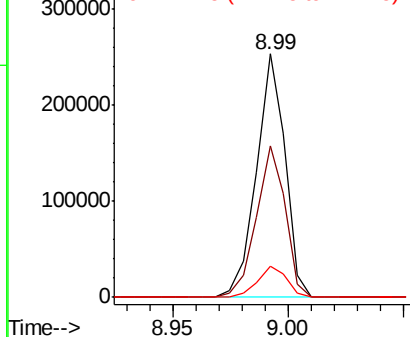
Tot Ion:	237	Resp:	220309
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.5	82.5
272	12.8	0.0	33.3

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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: 145.570 ng

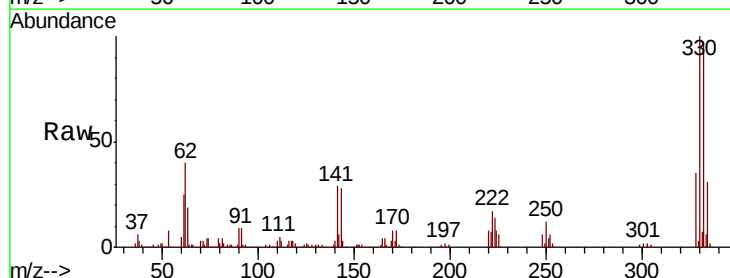
RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

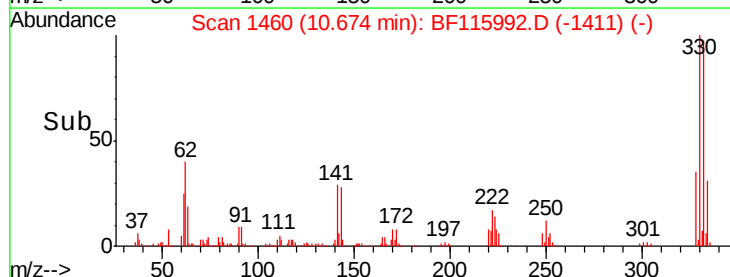
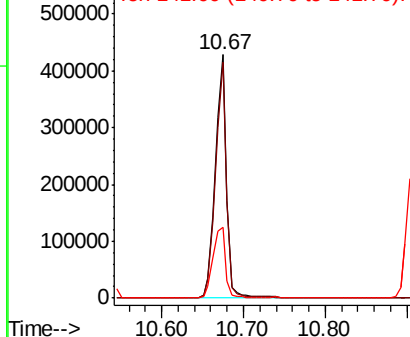
Lab File: BF115992.D

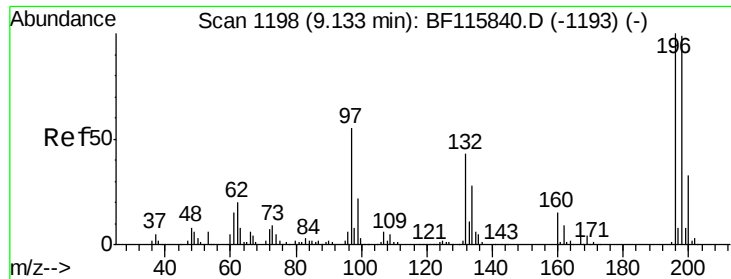
Acq: 5 Aug 2019 20:54

Tgt Ion:	330	Resp:	412930
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.7	116.5
141	32.8	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





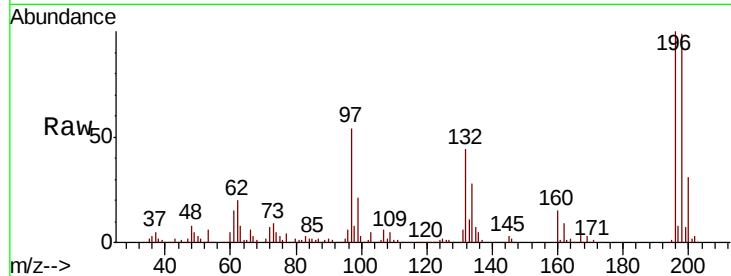
#43
 2,4,6-Trichlorophenol
 Concen: 45.685 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

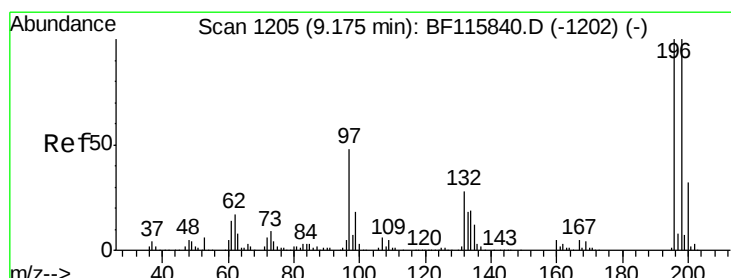
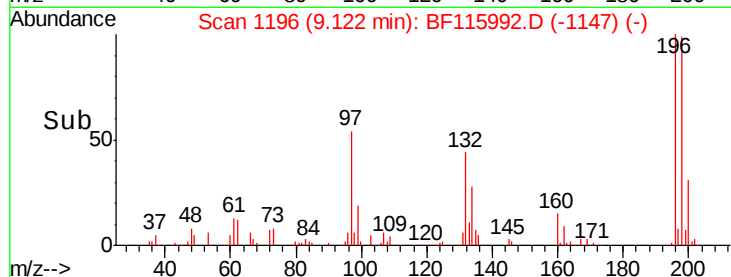
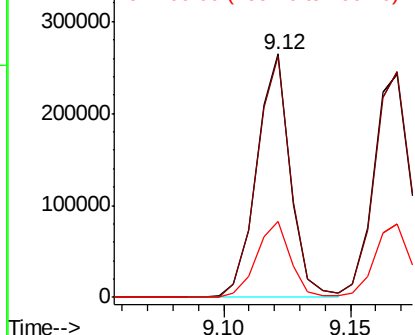
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		245963		
198	99.1	79.1	118.7		
200	31.4	26.0	39.0		

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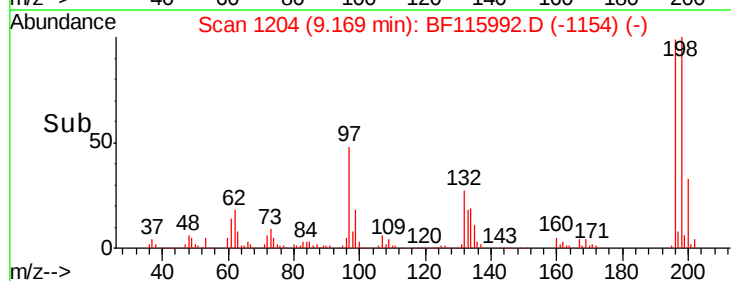
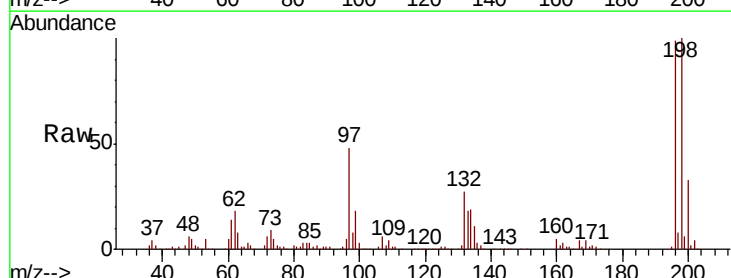
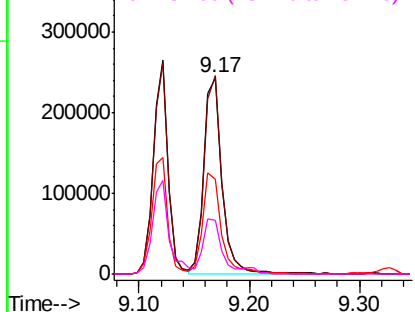
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

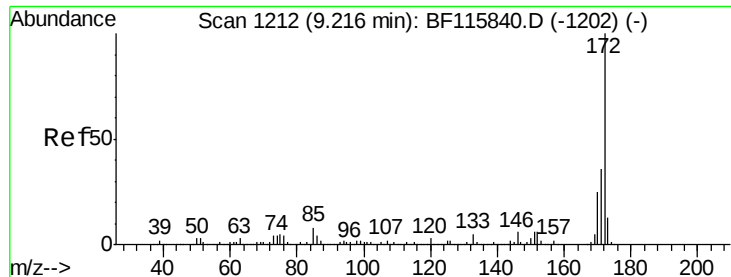


#44
 2,4,5-Trichlorophenol
 Concen: 47.872 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		266422		
198	100.9	80.1	120.1		
97	48.7	38.9	58.3		
132	27.6	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: 104.703 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

Tot Ion:172 Resp: 1635491

Ion Ratio Lower Upper

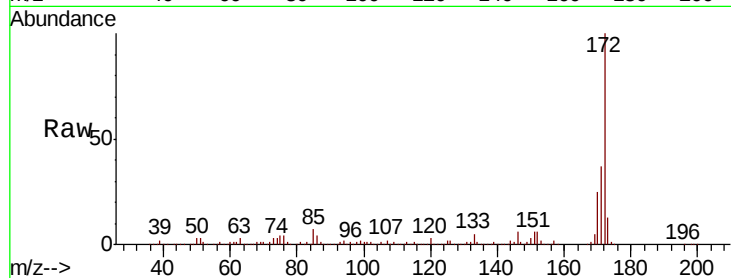
172 100

171 36.7 29.1 43.7

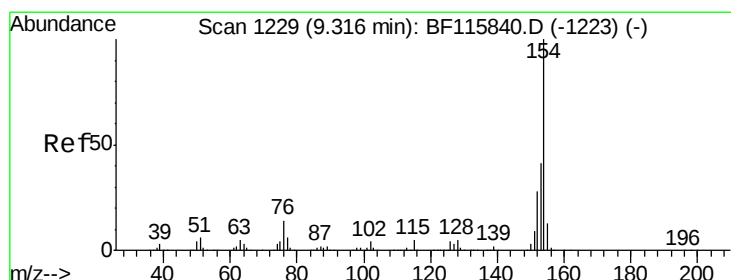
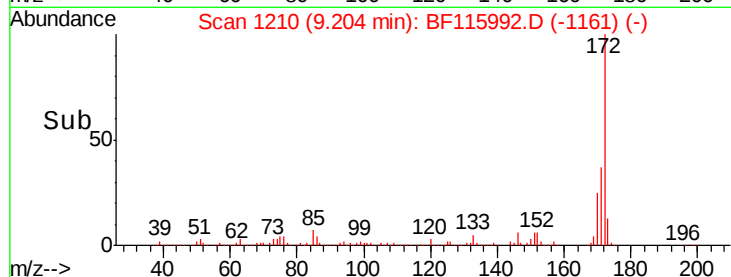
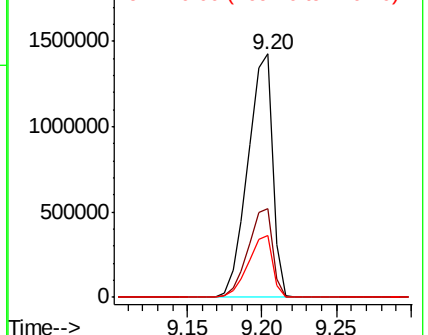
170 25.2 20.1 30.1

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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: 47.594 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

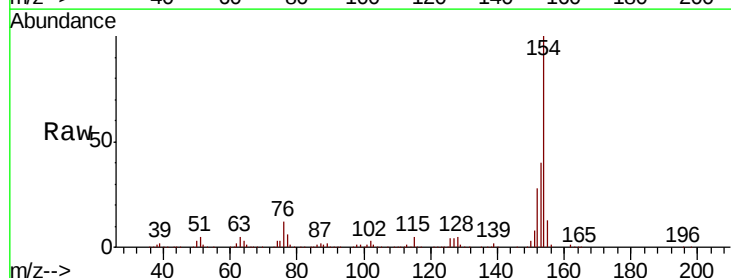
Tgt Ion:154 Resp: 983108

Ion Ratio Lower Upper

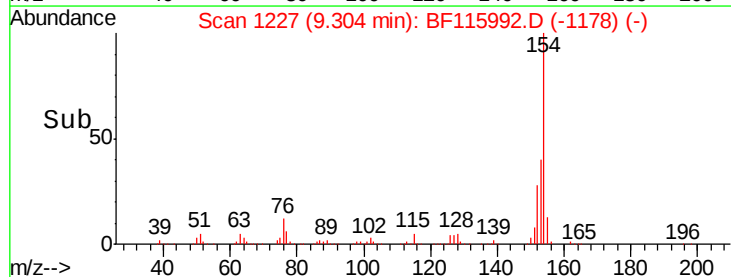
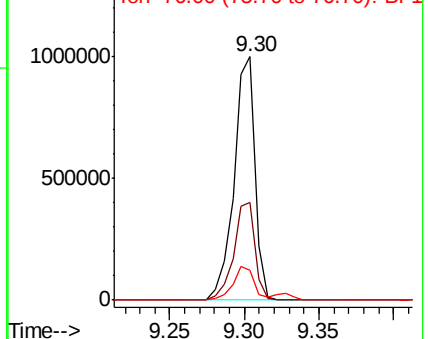
154 100

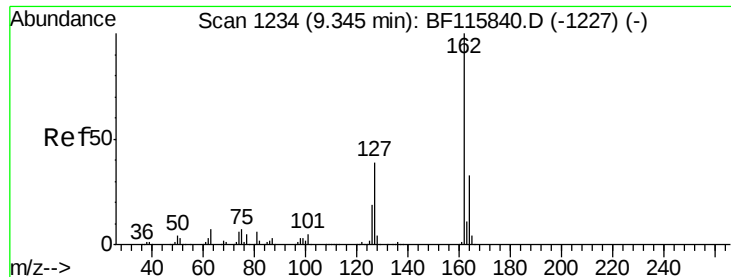
153 40.2 20.9 60.9

76 12.4 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





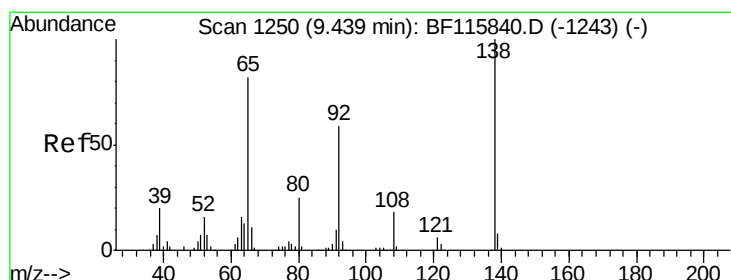
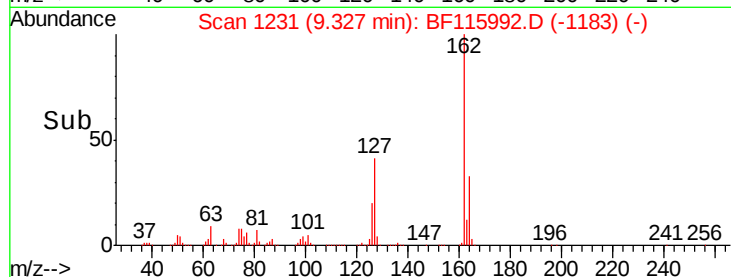
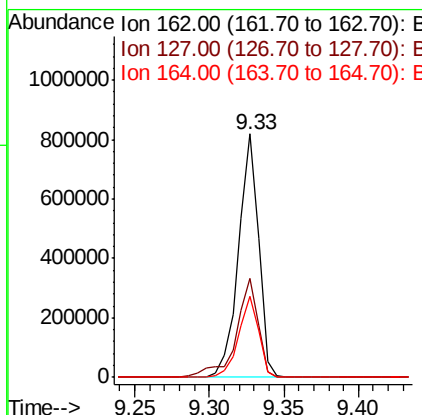
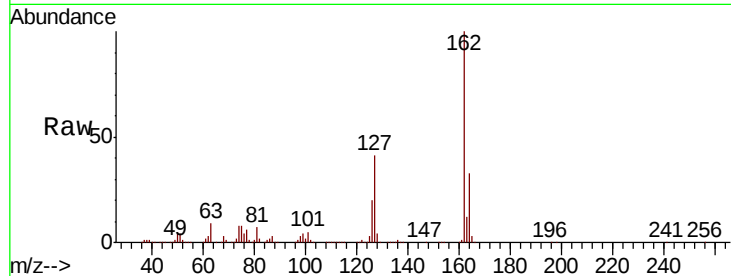
#47
2-Chloronaphthalene
Concen: 44.850 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.3	46.9
164	33.4	26.6	40.0

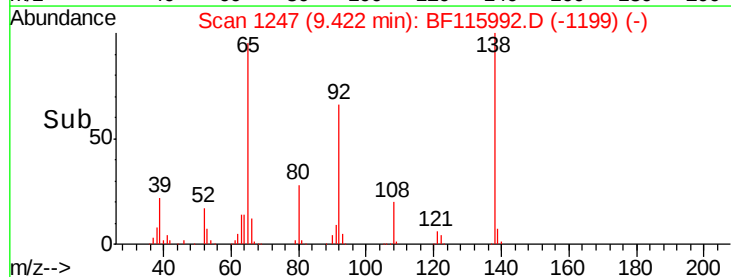
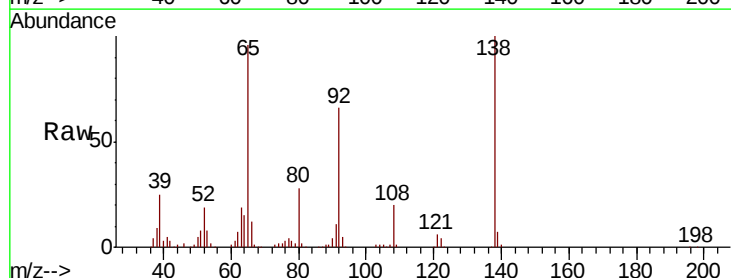
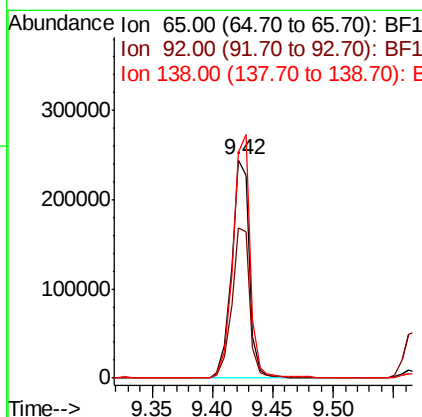
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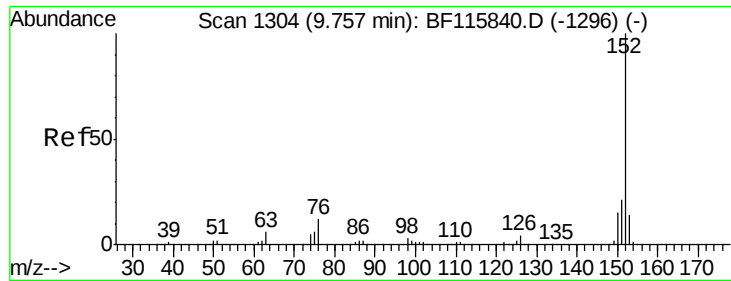
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#48
2-Nitroaniline
Concen: 44.038 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	57.1	85.7
138	103.6	97.1	145.7





#49

Acenaphthylene

Concen: 47.079 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

Tot Ion:152 Resp: 1180809

Ion Ratio Lower Upper

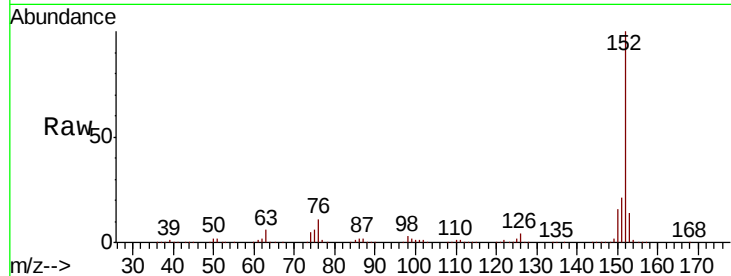
152 100

151 21.0 16.8 25.2

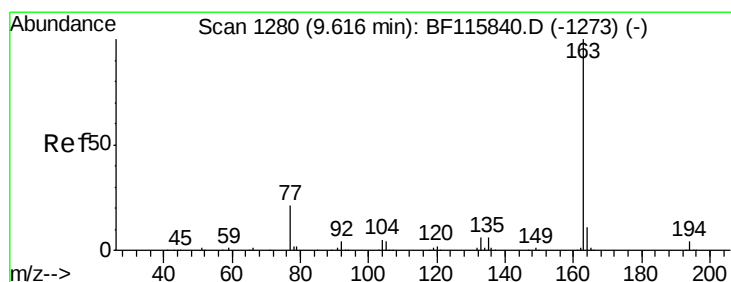
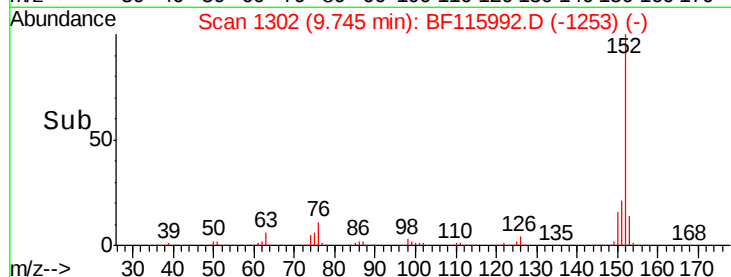
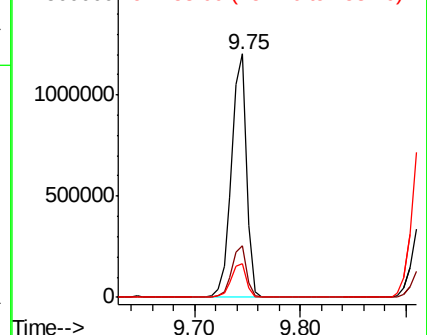
153 14.1 11.6 17.4

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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: 46.732 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

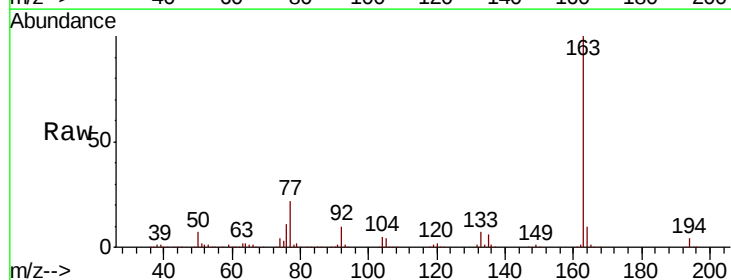
Tgt Ion:163 Resp: 930962

Ion Ratio Lower Upper

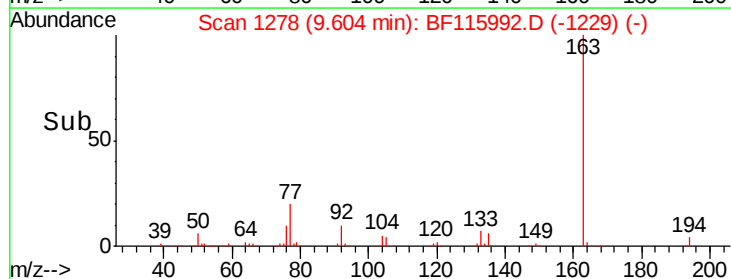
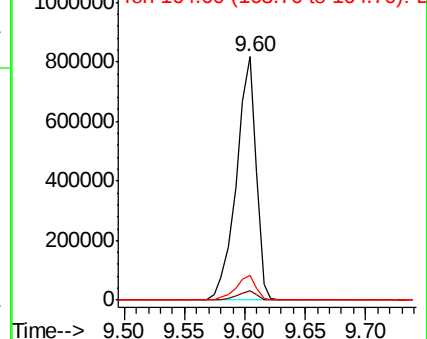
163 100

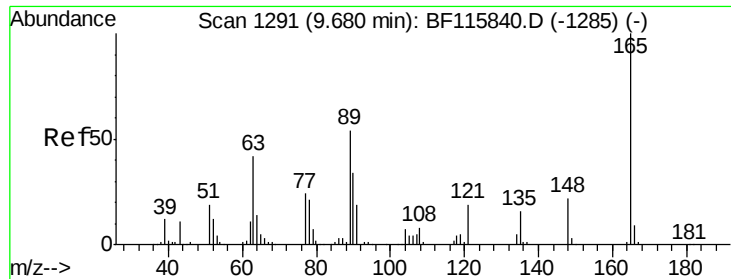
194 3.9 3.0 4.6

164 10.4 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: 47.515 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

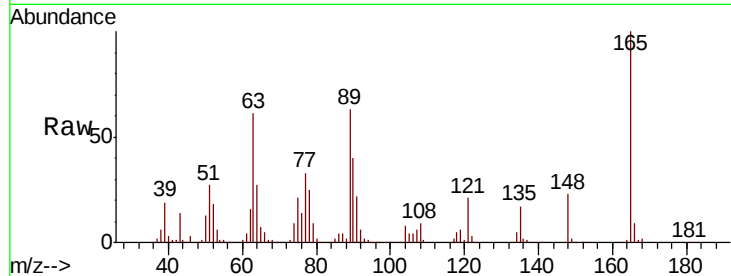
ClientSampleId :

PL-02-080119MS

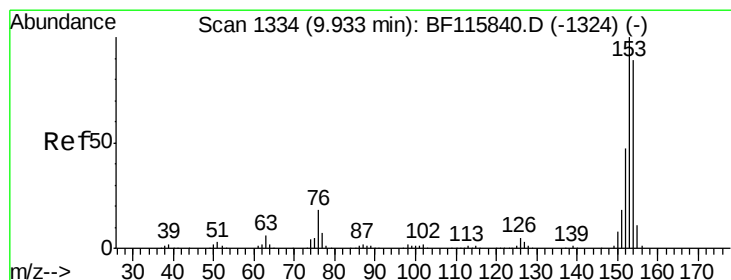
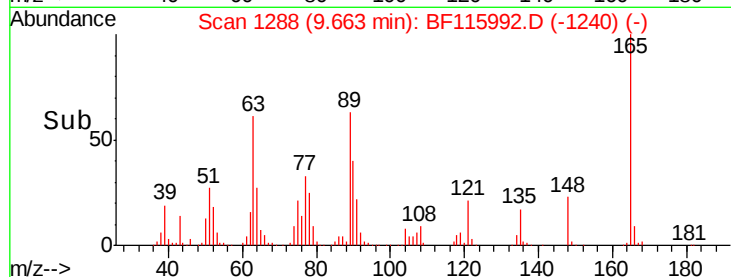
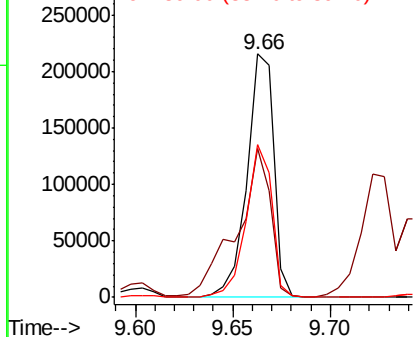
Tot Ion	Ratio	Resp	Lower	Upper
165	100	205705		
63	61.0	39.4	59.2#	
89	63.0	43.0	64.6	

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



#52

Acenaphthene

Concen: 46.353 ng

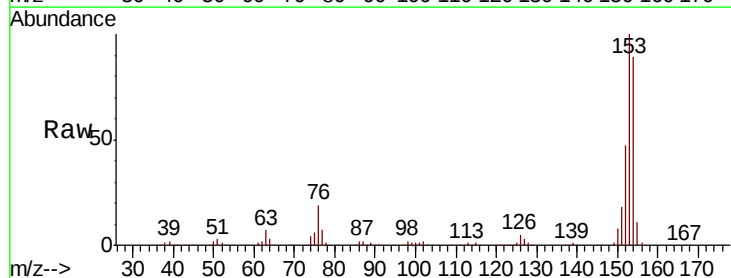
RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

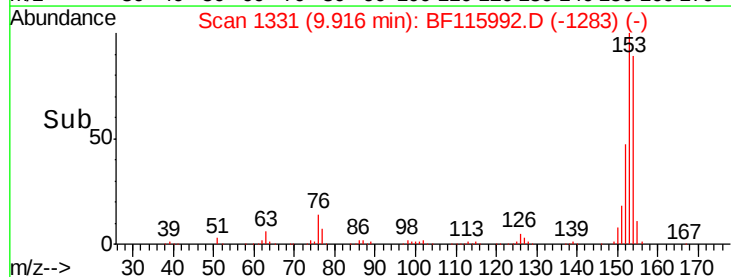
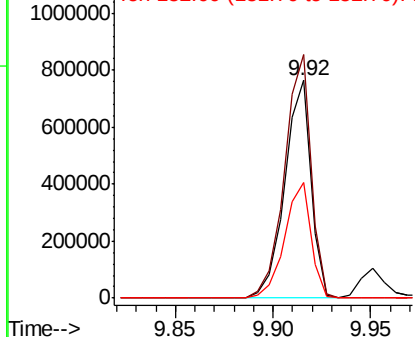
Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	713239		
153	111.8	90.1	135.1	
152	52.8	42.6	63.8	



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





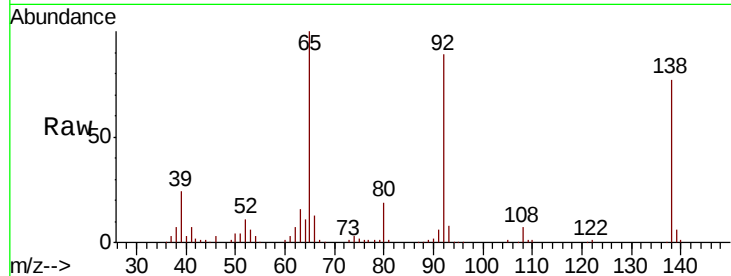
#53
3-Nitroaniline
Concen: 18.060 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

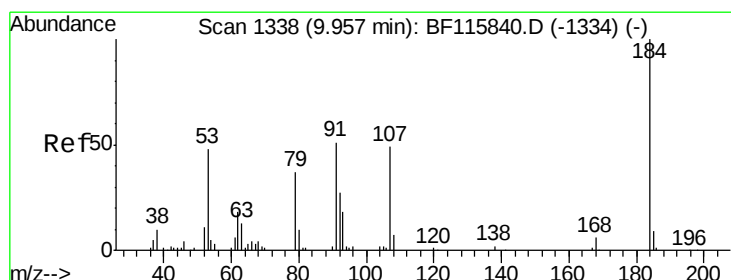
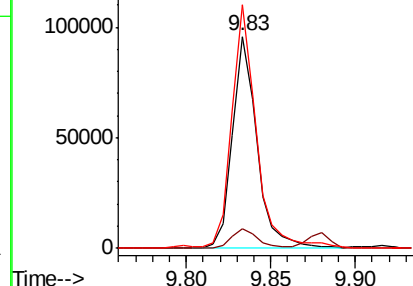
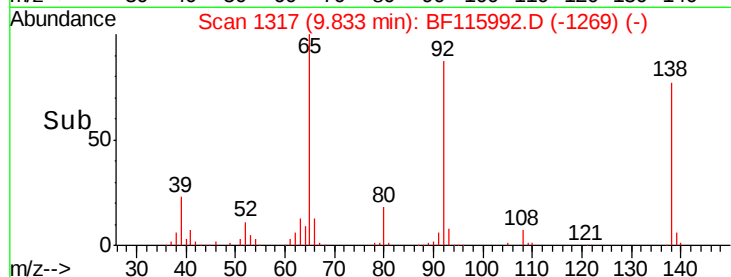
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	114.9	83.9	125.9

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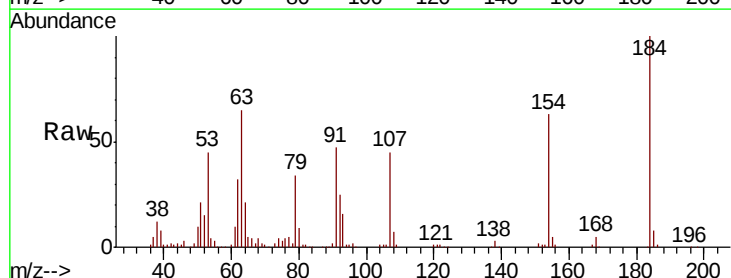


Abundance Ion 138.00 (137.70 to 138.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

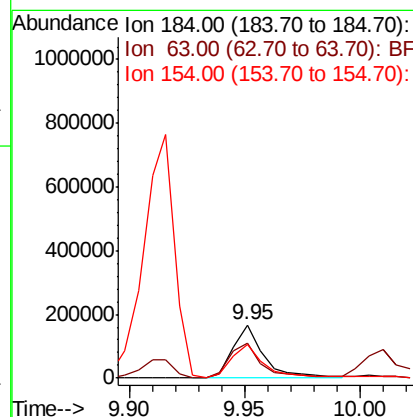
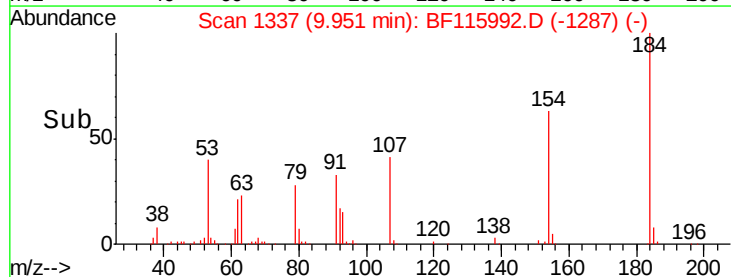


#54
2,4-Dinitrophenol
Concen: 72.274 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	56.7	85.1
154	63.4	51.9	77.9



Abundance Ion 184.00 (183.70 to 184.70): E
1000000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





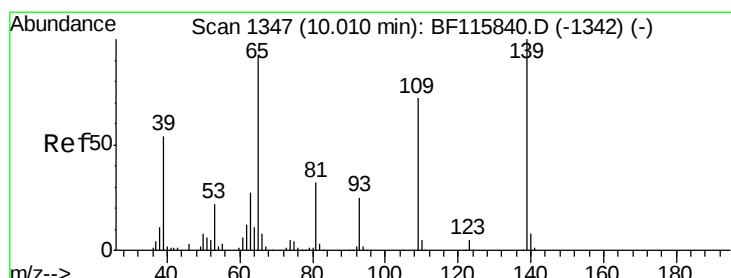
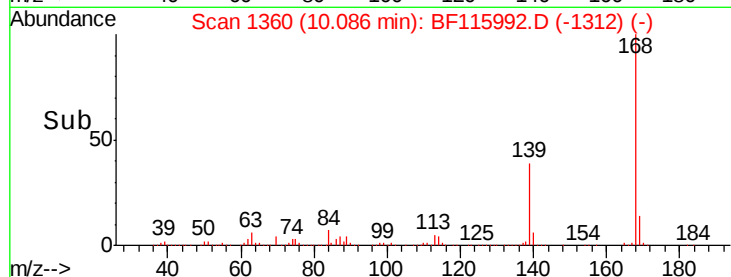
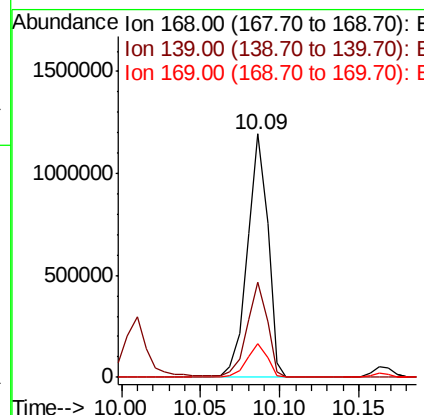
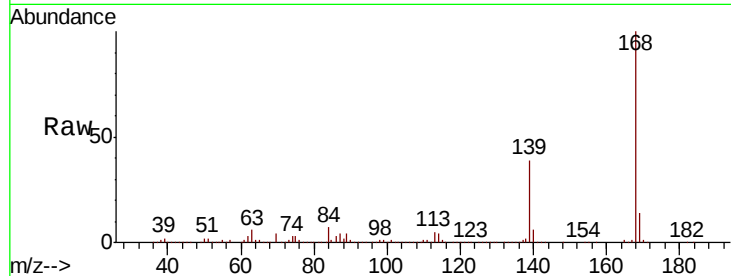
#55
Dibenzofuran
Concen: 47.636 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.2	45.2
169	13.8	10.8	16.2

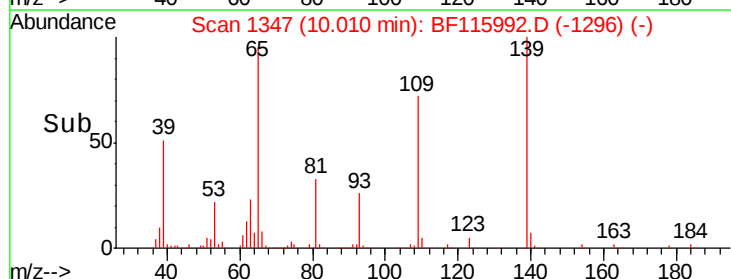
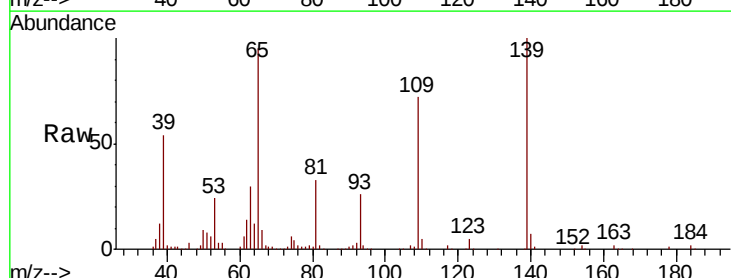
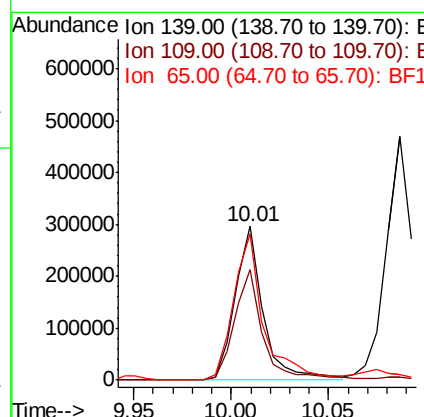
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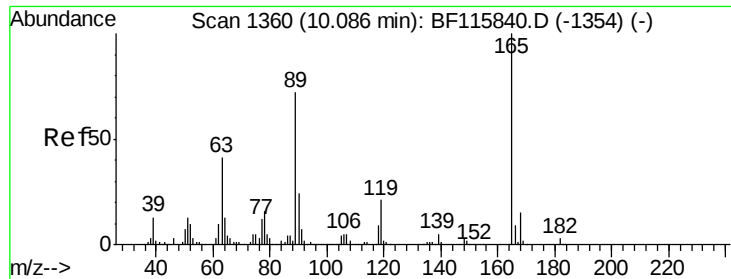
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#56
4-Nitrophenol
Concen: 86.603 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.8	52.0	92.0
65	95.2	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 47.373 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

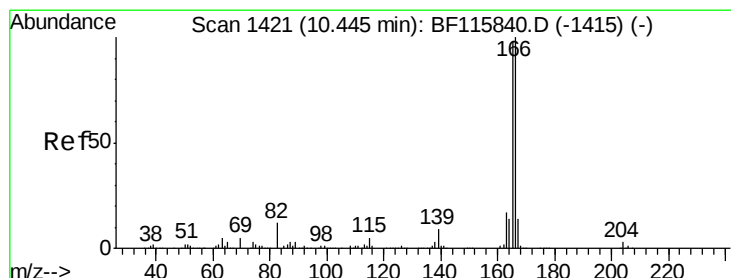
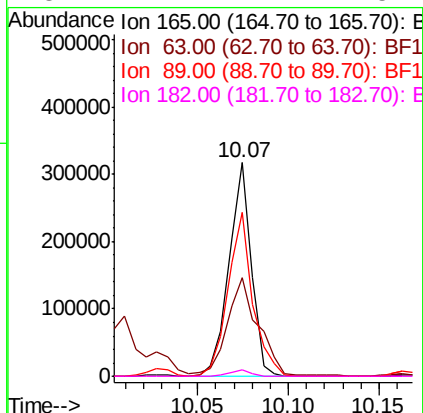
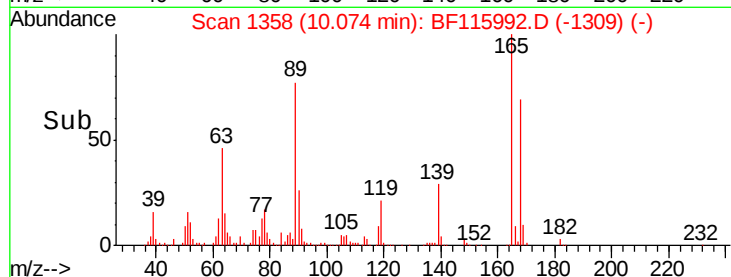
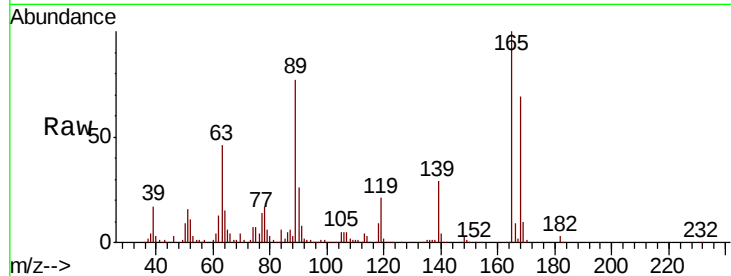
ClientSampleId :

PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	33.2	49.8
89	76.7	57.3	85.9
182	2.7	2.1	3.1

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#58

Fluorene

Concen: 47.685 ng

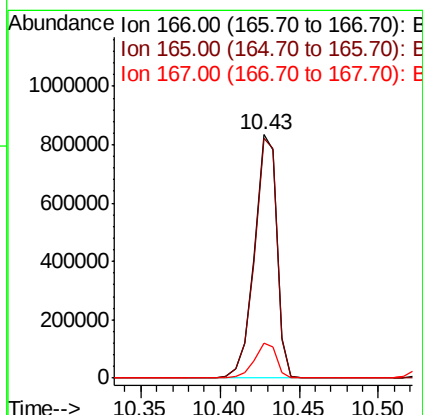
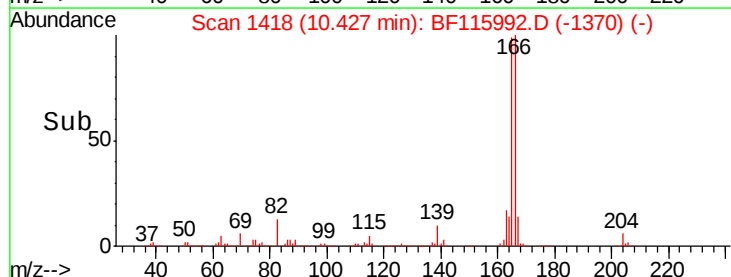
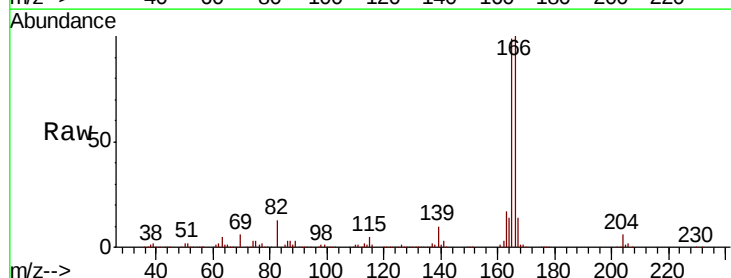
RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	14.3	10.9	16.3





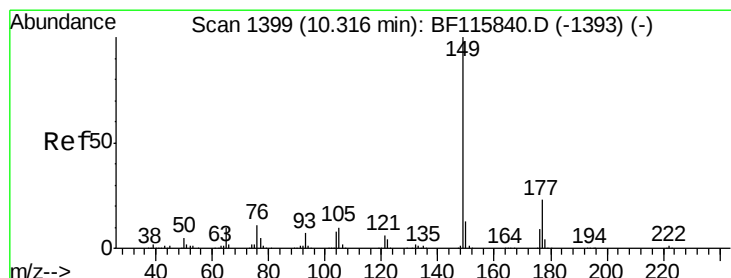
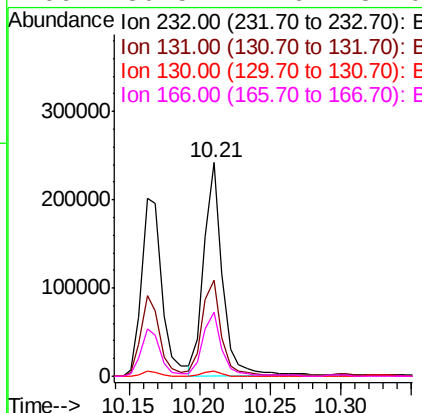
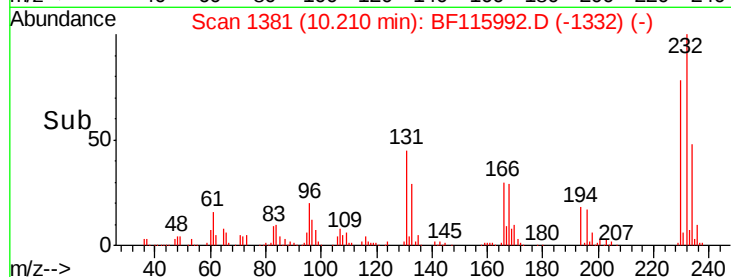
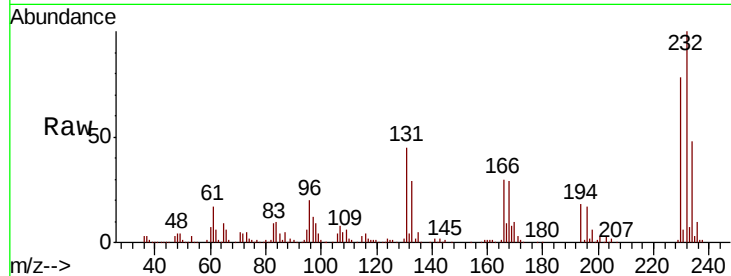
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.126 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.6	56.4
130	2.6	1.8	2.8
166	30.5	24.6	37.0

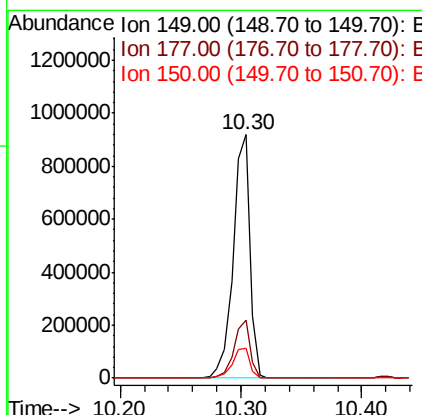
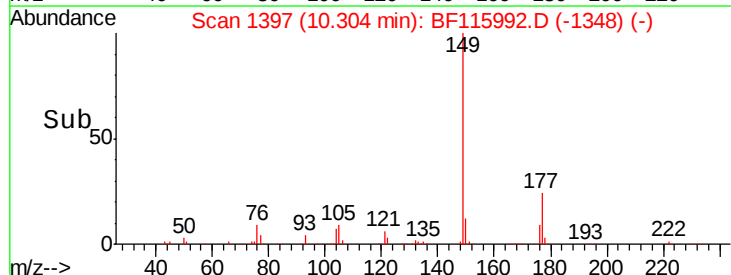
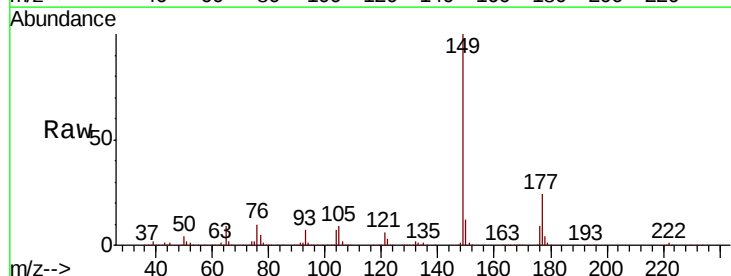
Manual Integrations
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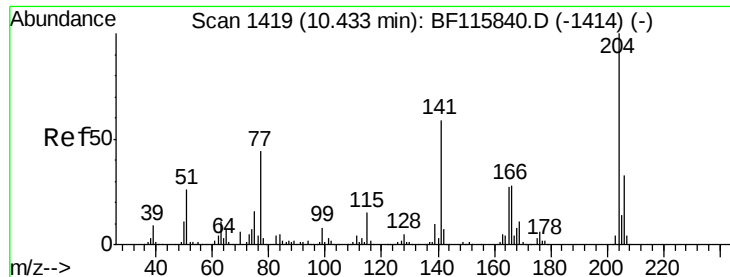
mohammad
8/8/2019 4:45:45 PM



#60
Diethylphthalate
Concen: 47.806 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.4	27.6
150	12.4	10.1	15.1





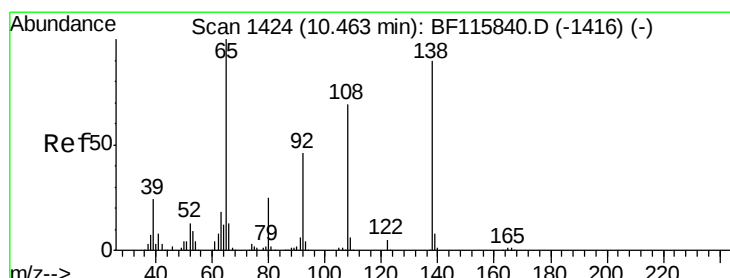
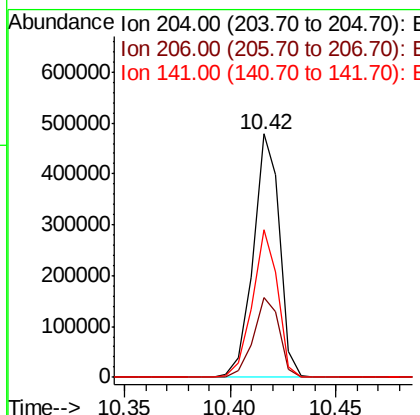
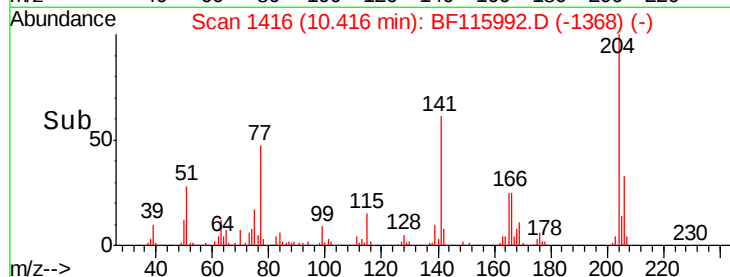
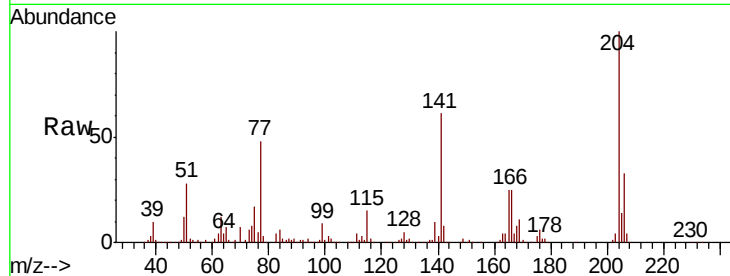
#61
4-Chlorophenyl-phenylether
Concen: 47.495 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.4	39.6
141	60.6	47.0	70.4

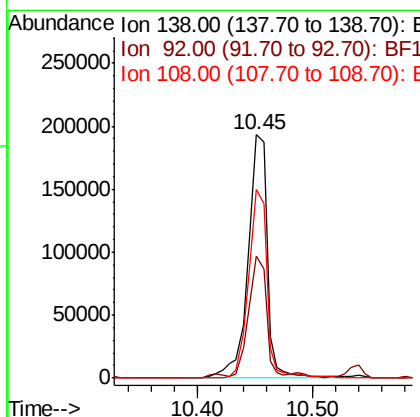
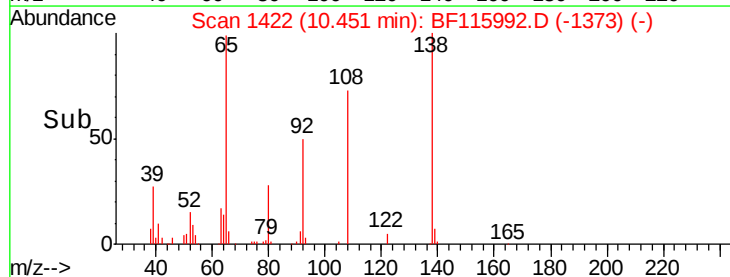
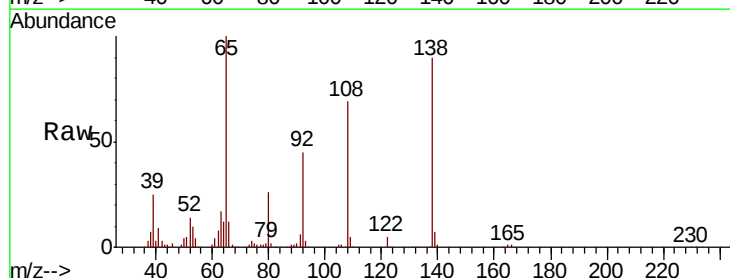
Manual Integrations
APPROVED

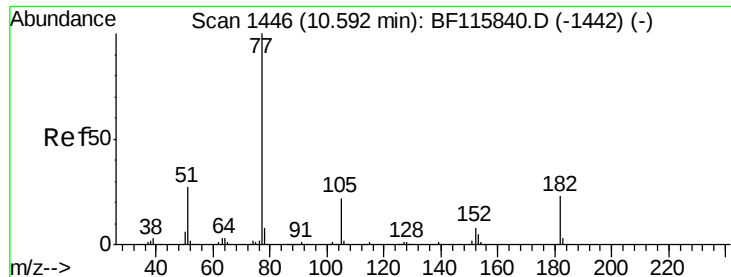
mohammad
8/8/2019 4:45:45 PM



#62
4-Nitroaniline
Concen: 40.787 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	31.0	71.0
108	77.4	56.7	96.7





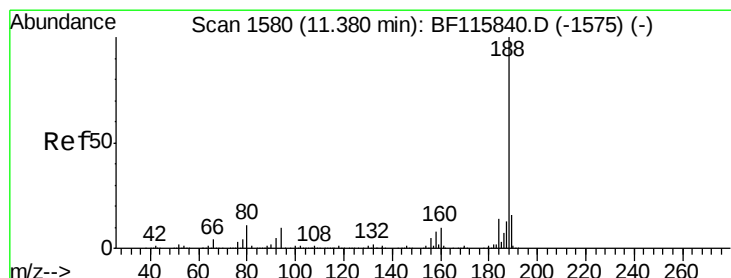
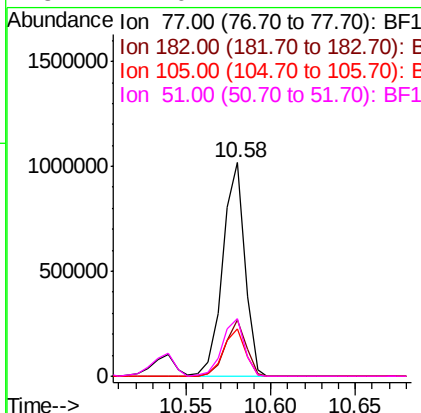
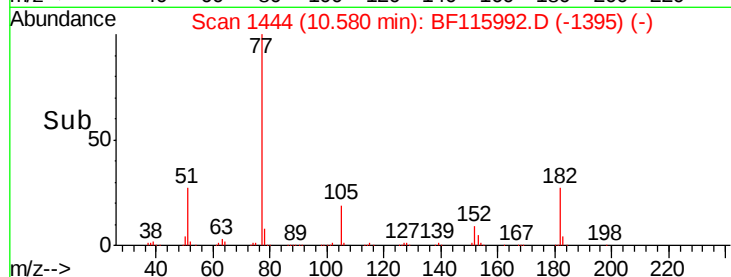
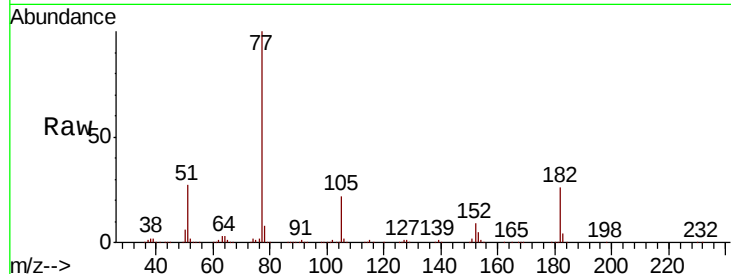
#63
Azobenzene
Concen: 48.153 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.2	2.6	42.6		
105	22.4	1.6	41.6		
51	27.0	7.4	47.4		

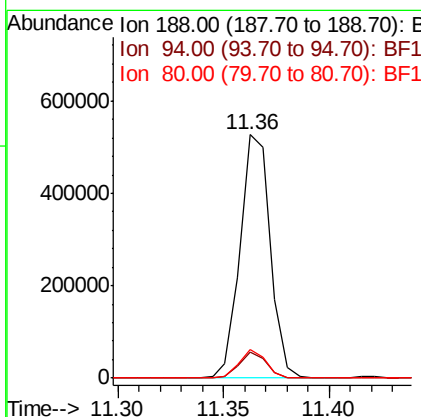
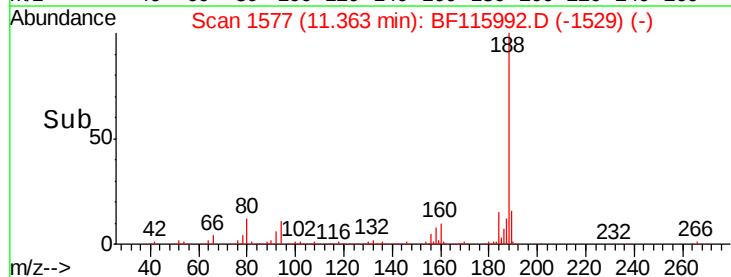
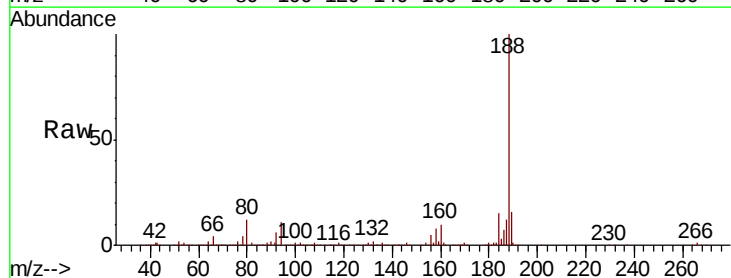
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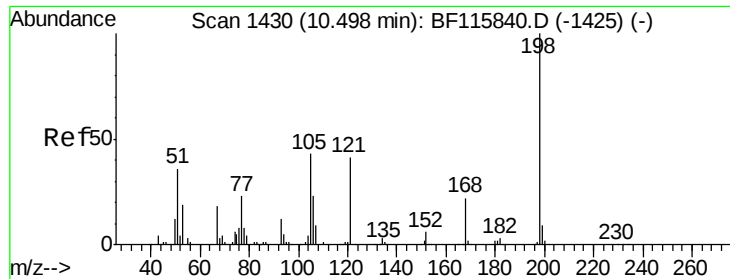
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.8	8.0	12.0		
80	11.6	8.6	12.8		





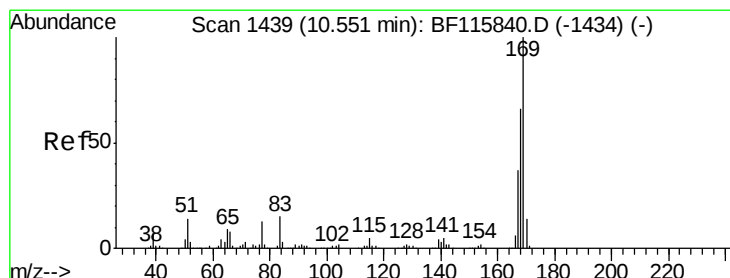
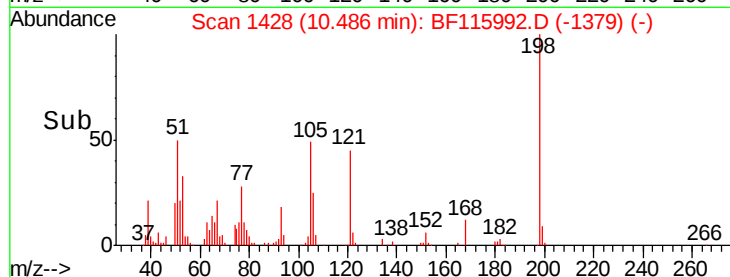
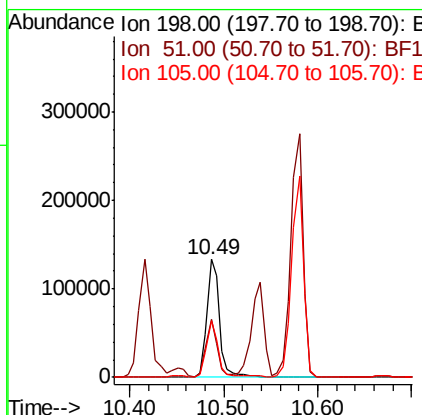
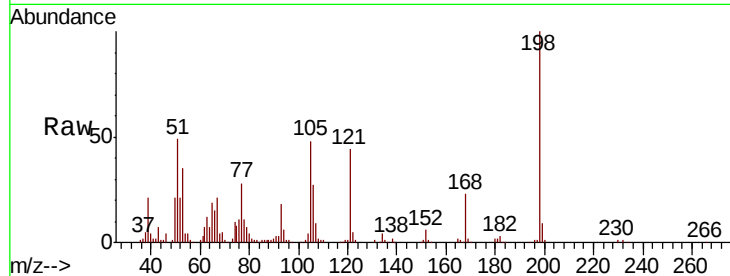
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.368 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tot Ion:	198	Resp:	128162
Ion Ratio	Lower	Upper	
198	100		
51	49.2	21.1	61.1
105	47.8	24.5	64.5

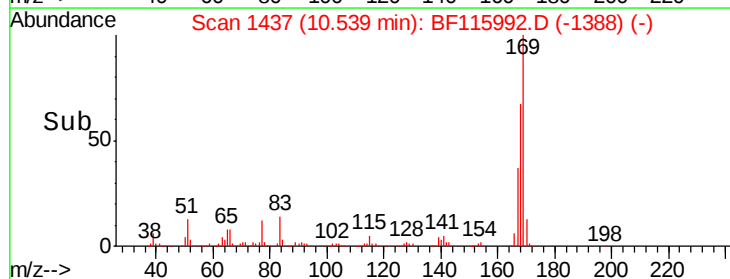
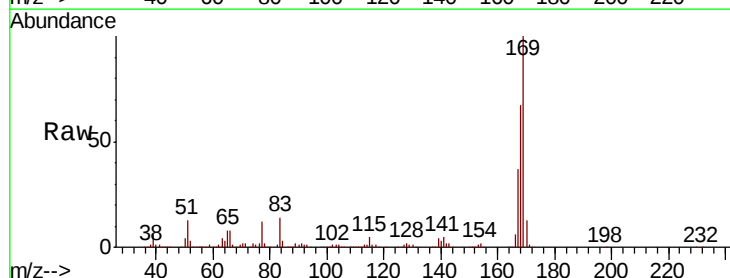
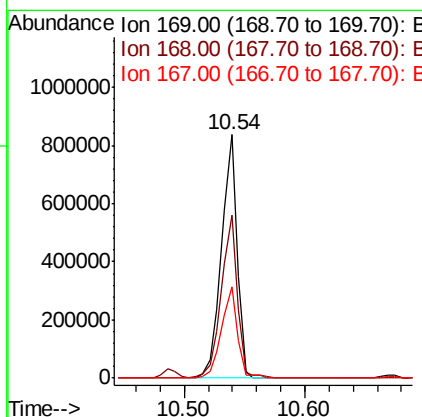
Manual Integrations
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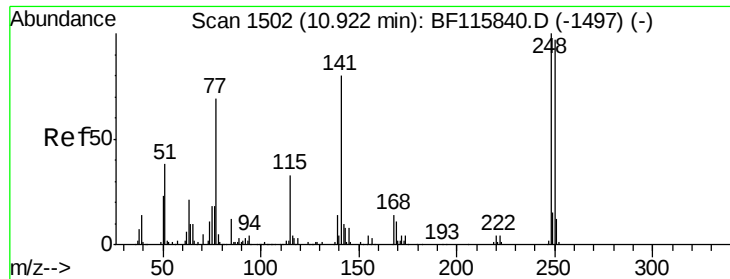
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#66
 n-Nitrosodiphenylamine
 Concen: 47.507 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion:	169	Resp:	745814
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.0	79.6
167	37.4	29.9	44.9





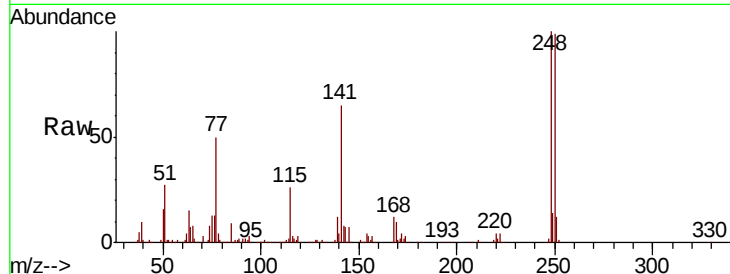
#67
4-Bromophenyl-phenylether
Concen: 46.375 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.8	116.6
141	64.9	64.3	96.5

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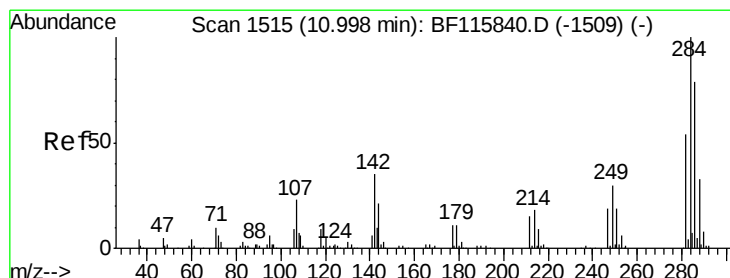
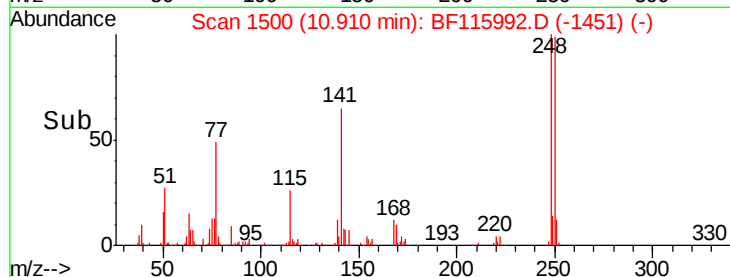
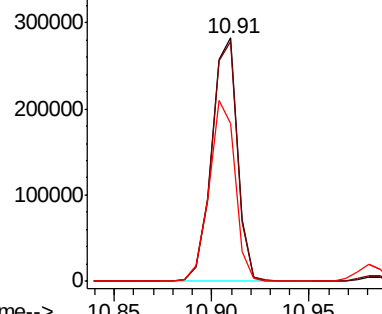


Abundance

Ion 248.00 (247.70 to 248.70): E

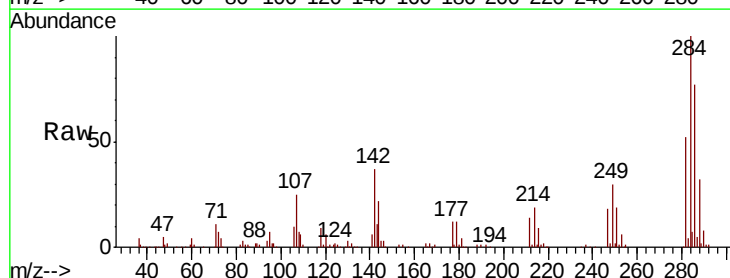
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.005 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	28.2	42.2
249	30.2	24.0	36.0

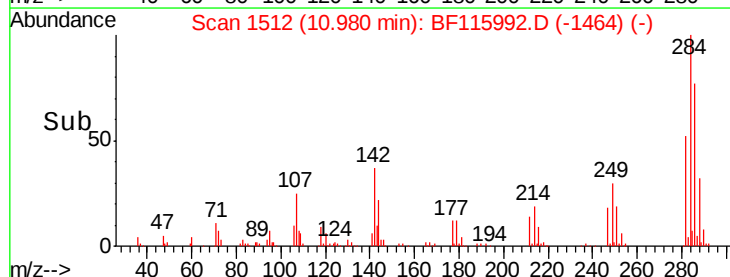
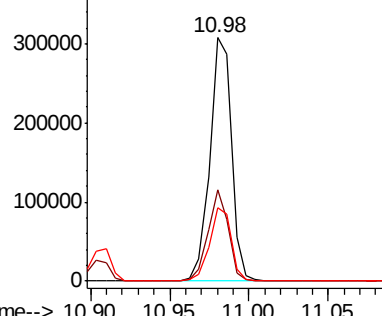


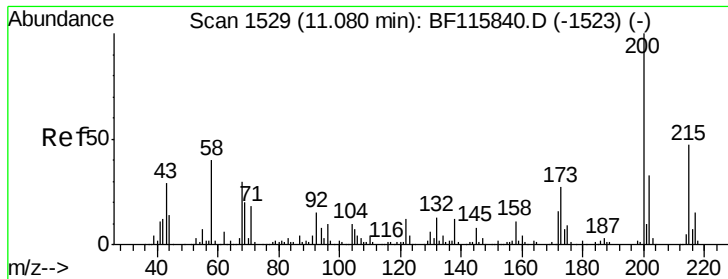
Abundance

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





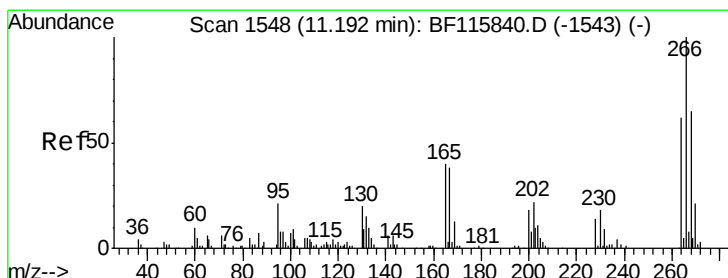
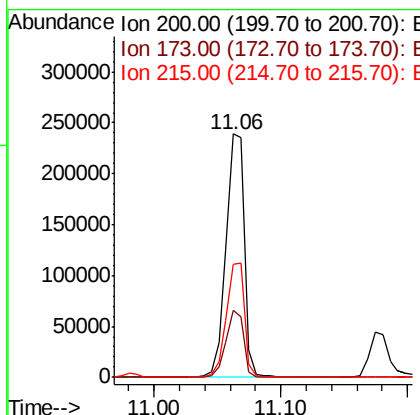
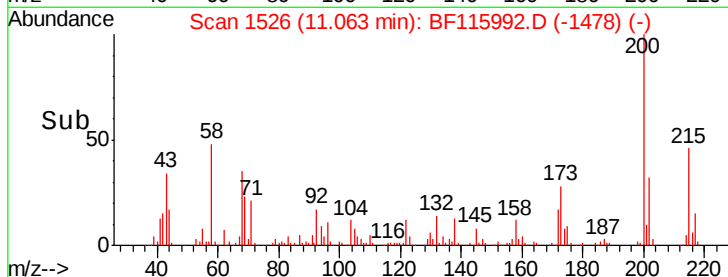
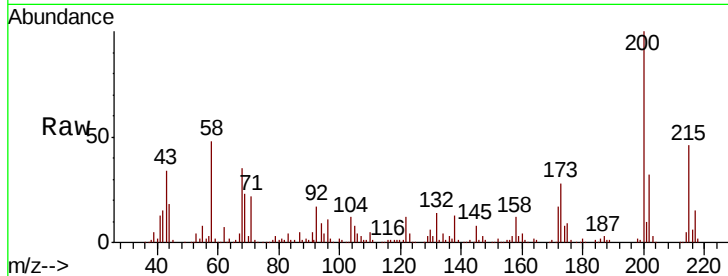
#69
 Atrazine
 Concen: 46.134 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	238265		
173	27.6	7.3	47.3	
215	46.5	26.9	66.9	

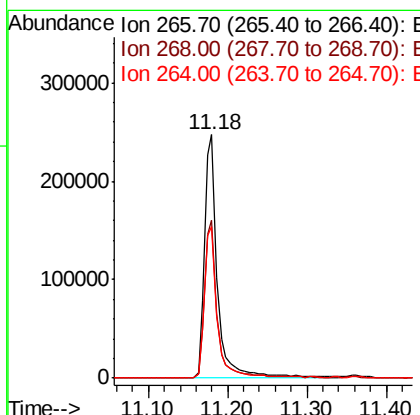
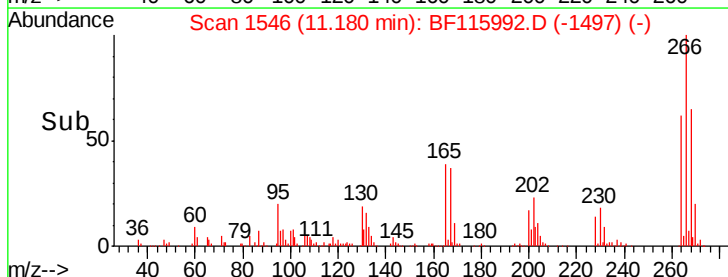
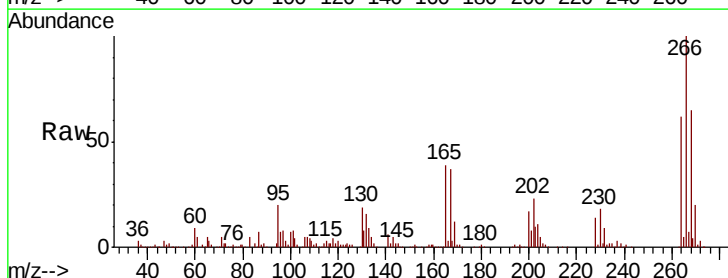
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#70
 Pentachlorophenol
 Concen: 91.858 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	287936		
268	64.8	51.6	77.4	
264	62.1	49.4	74.0	





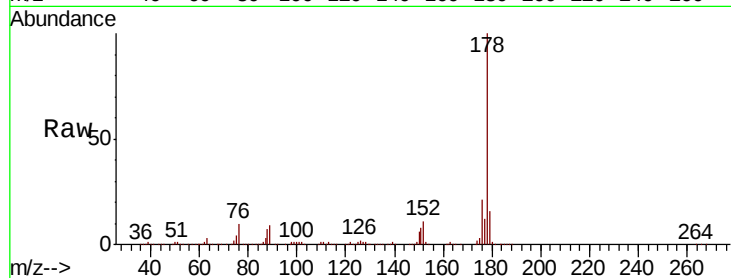
#71
Phenanthrene
Concen: 46.665 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.5	24.7
179	16.2	12.6	18.8

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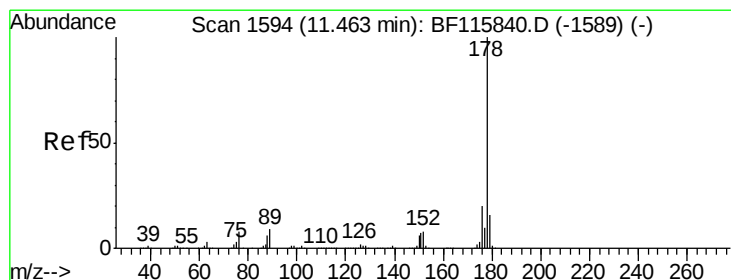
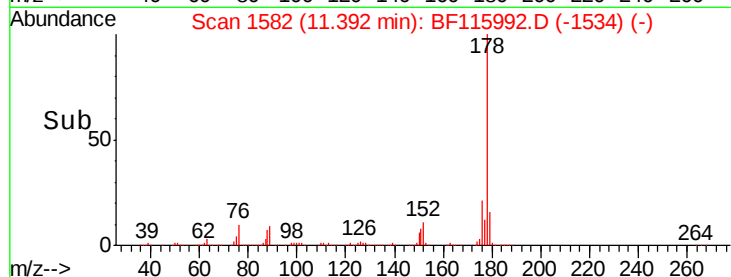
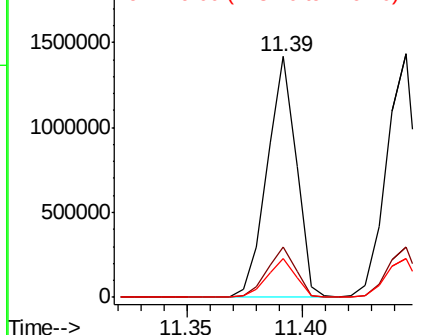


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 47.809 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

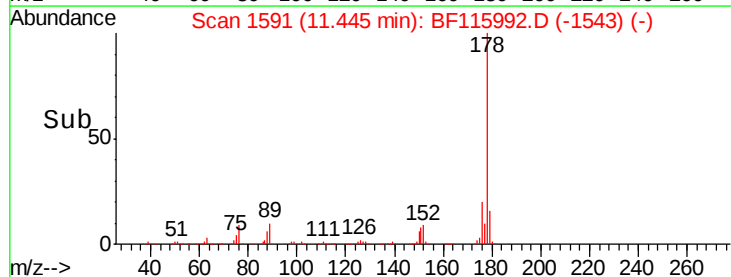
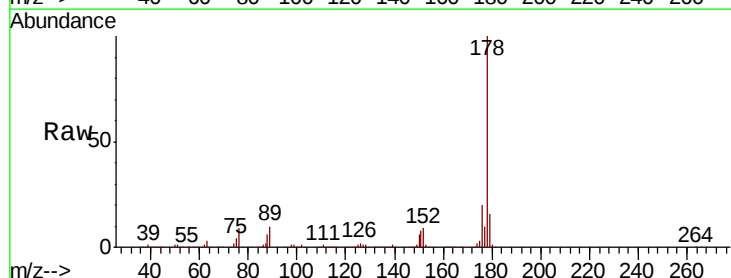
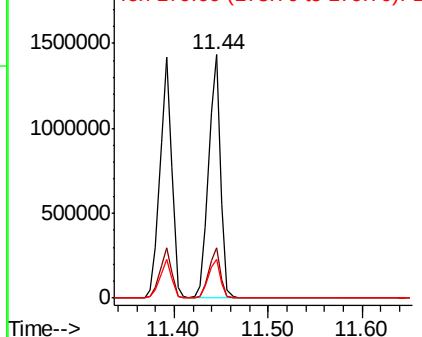
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	16.0	12.4	18.6

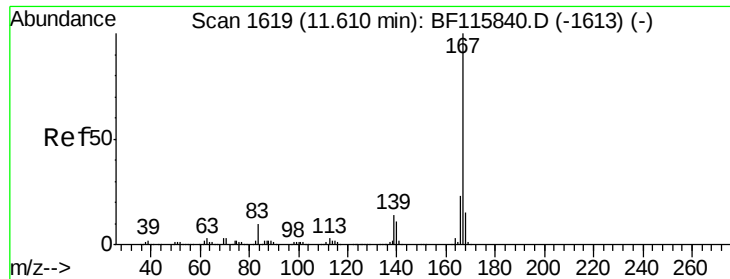
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





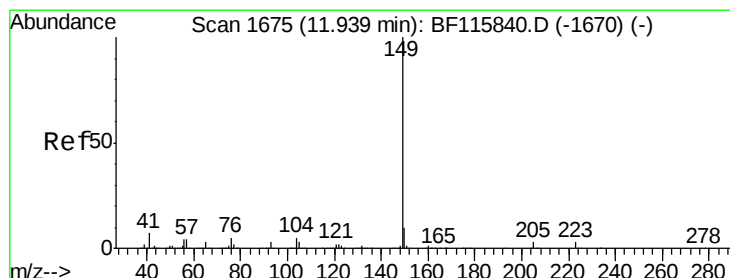
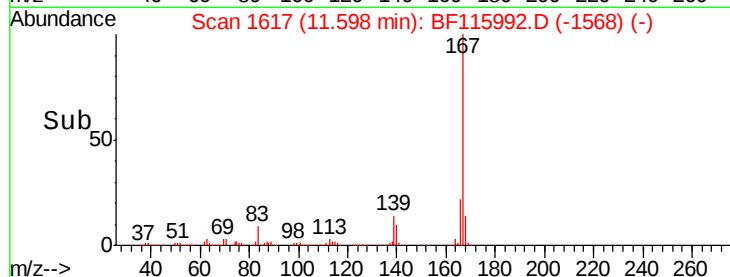
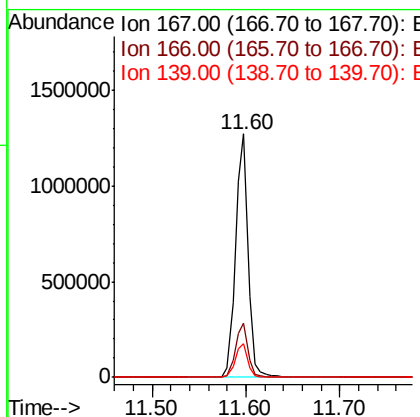
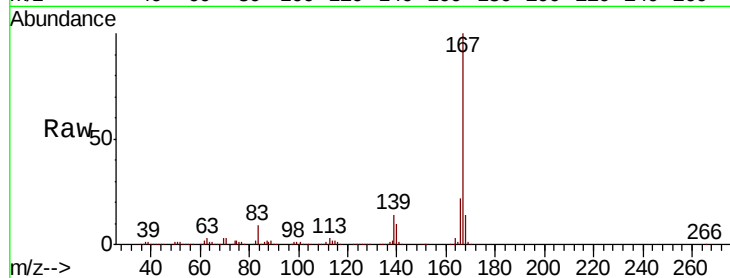
#73
 Carbazole
 Concen: 47.906 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	13.8	11.4	17.2

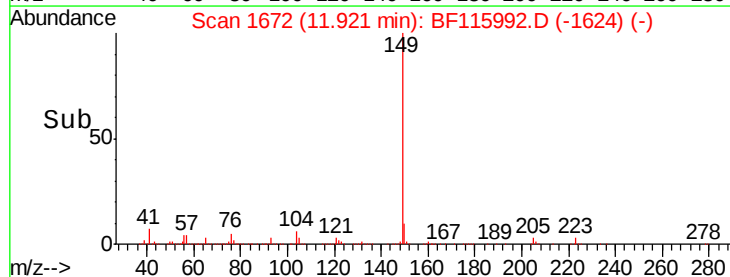
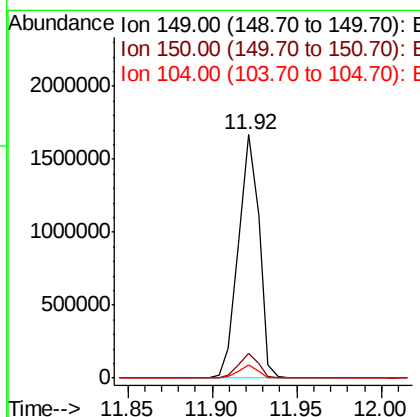
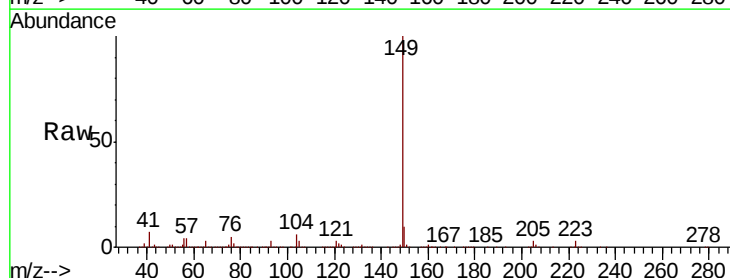
Manual Integrations
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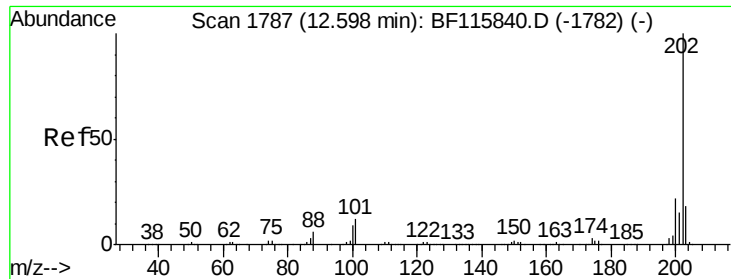
mohammad
 8/8/2019 4:45:45 PM



#74
 Di-n-butylphthalate
 Concen: 49.872 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.6	4.3	6.5





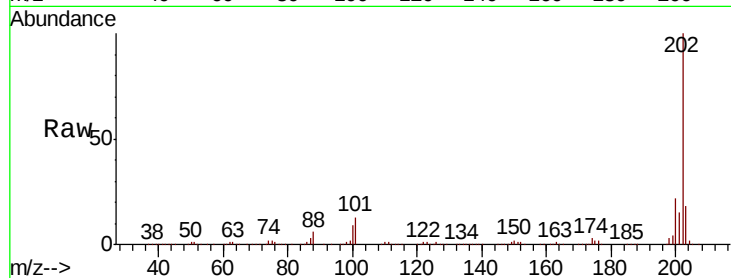
#75
 Fluoranthene
 Concen: 48.426 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

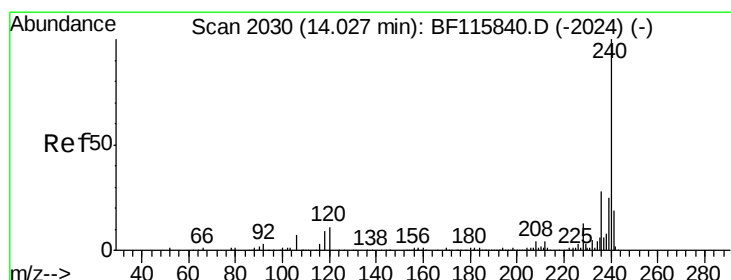
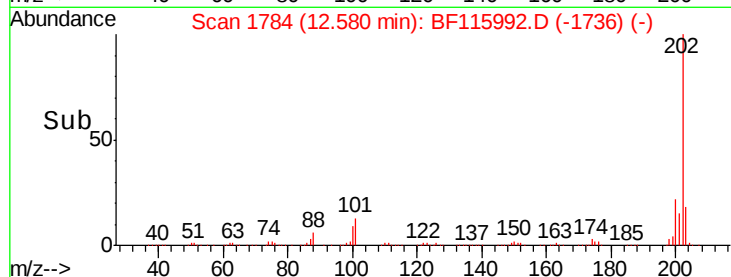
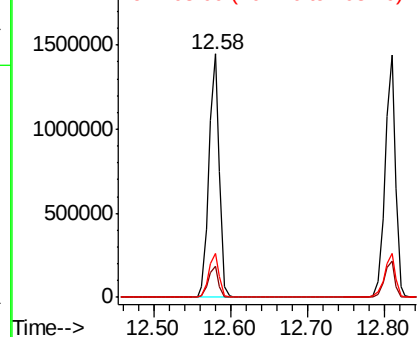
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.6	0.0	31.5		
203	18.1	0.0	37.9		

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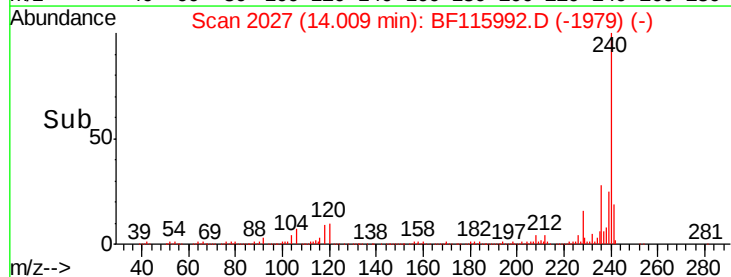
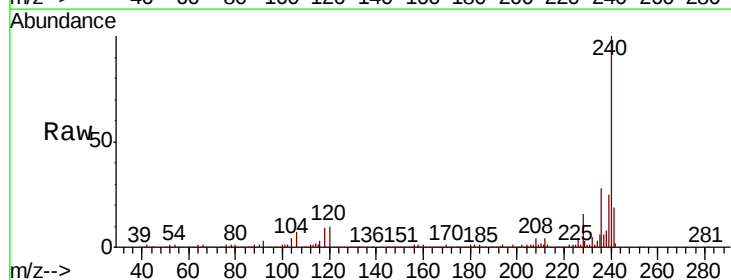
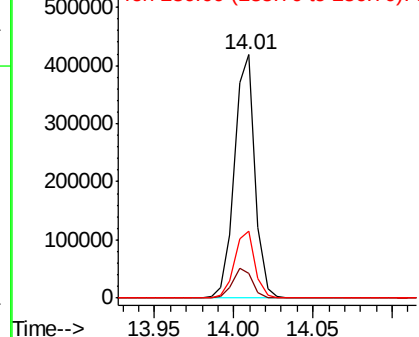
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

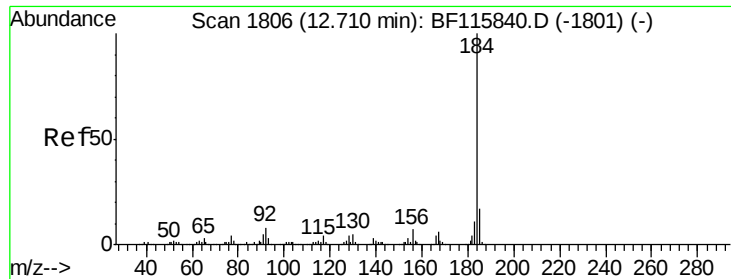


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.0	8.5	12.7		
236	27.5	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: 5.139 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

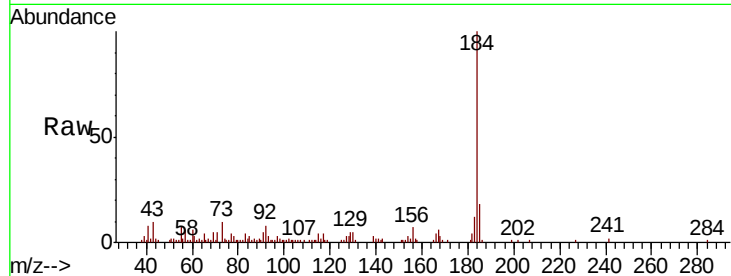
ClientSampleId :

PL-02-080119MS

Tot Ion:	184	Resp:	65161
Ion Ratio	Lower	Upper	
184	100		
185	17.7	13.4	20.2
183	11.7	9.1	13.7

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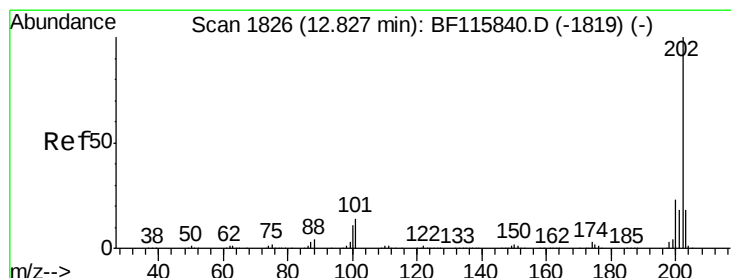
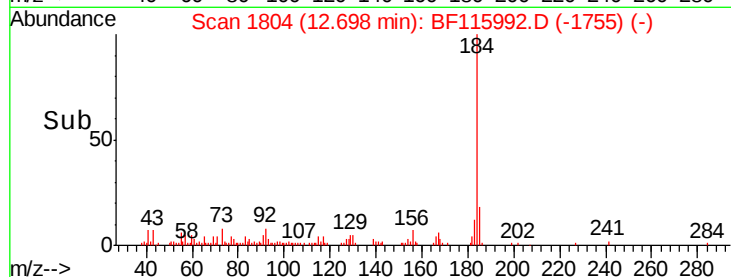
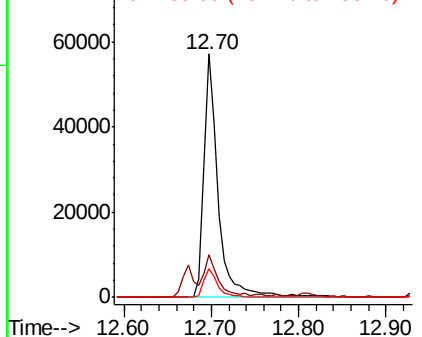


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.864 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

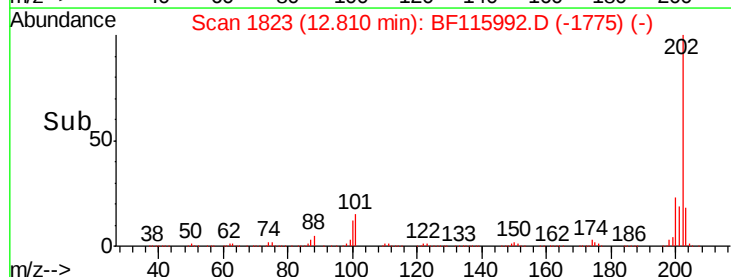
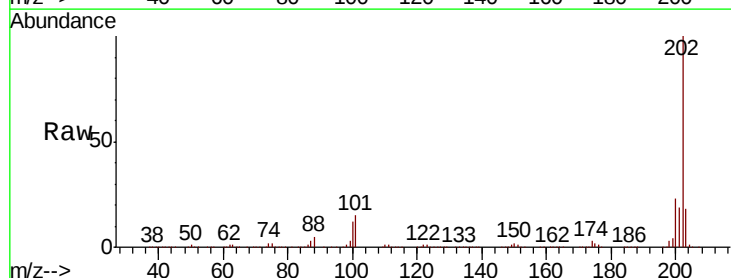
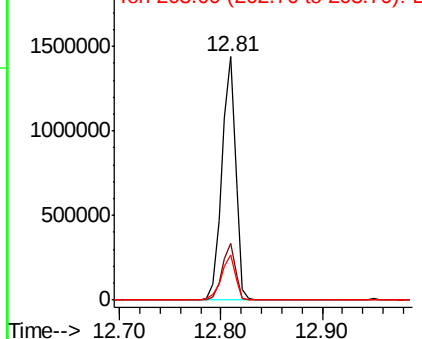
Tgt Ion:	202	Resp:	1354149
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.2	27.2
203	18.4	14.3	21.5

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





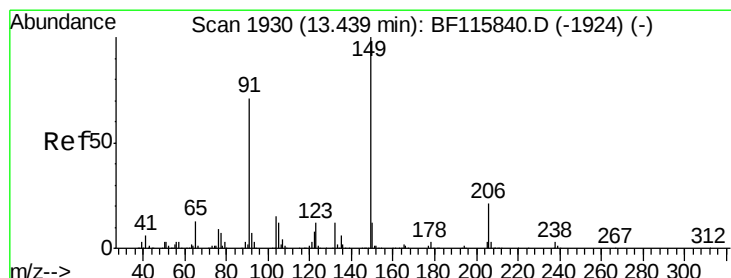
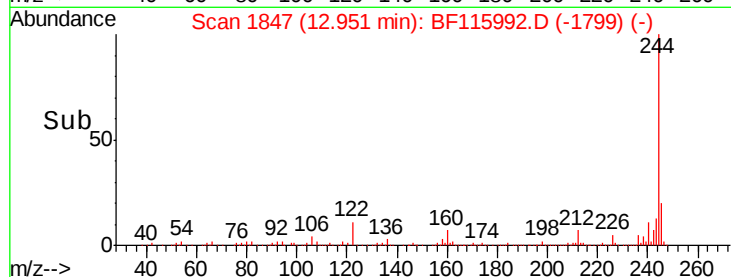
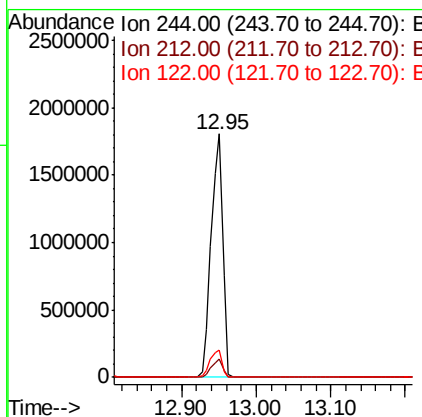
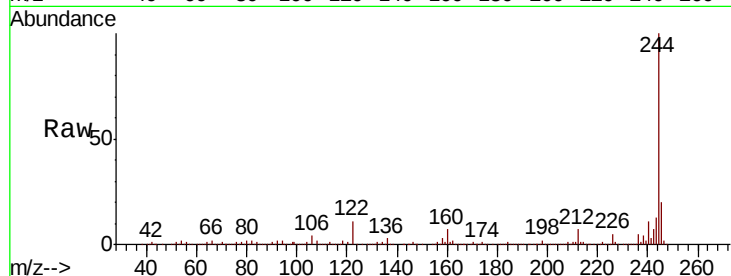
#79
 Terphenyl-d14
 Concen: 109.110 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.1	8.6	13.0

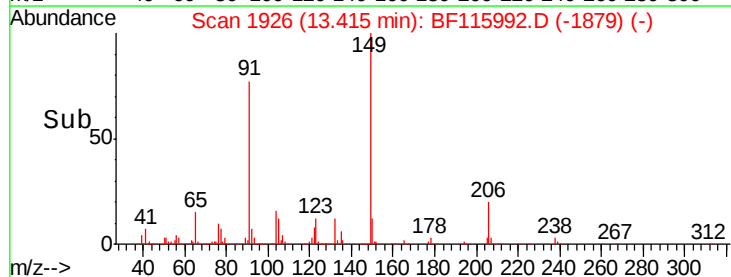
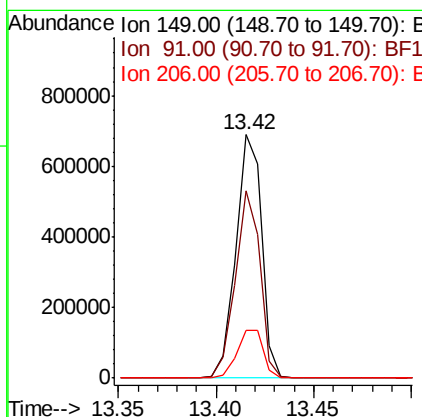
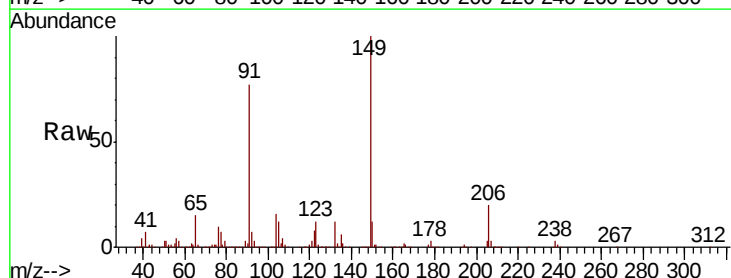
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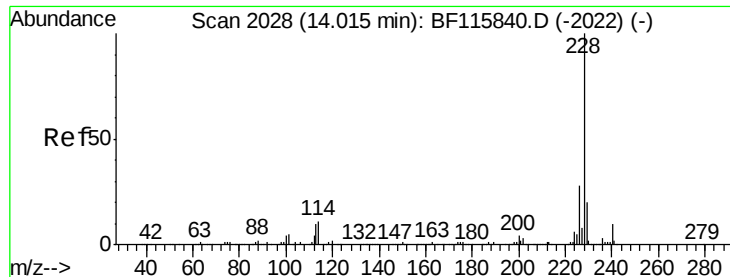
mohammad
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#80
 Butylbenzylphthalate
 Concen: 52.627 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.0	57.0	85.6
206	19.6	16.9	25.3





#81

Benzo(a)anthracene

Concen: 47.219 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

Tot Ion:228 Resp: 1132726

Ion Ratio Lower Upper

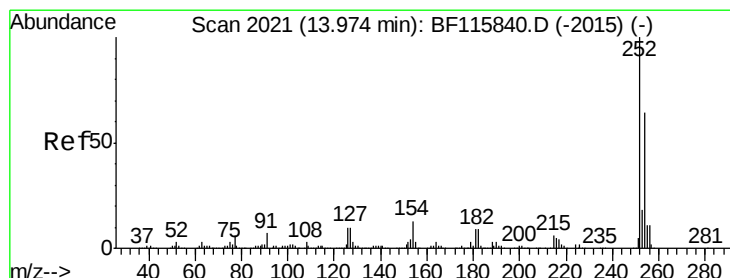
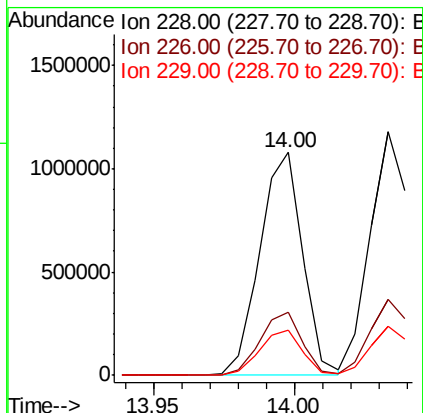
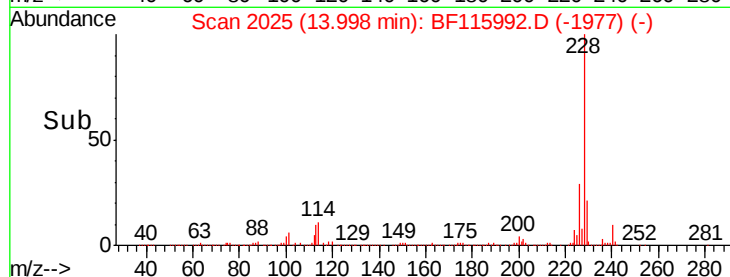
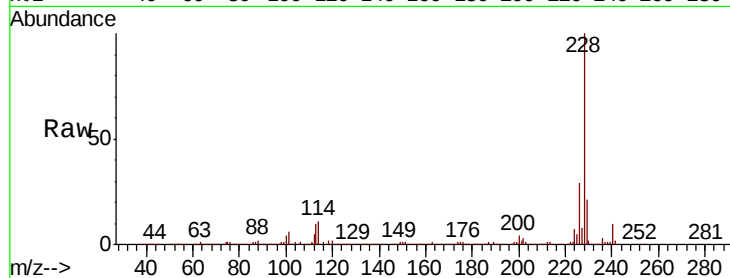
228 100

226 28.5 22.5 33.7

229 20.5 16.1 24.1

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#82

3,3'-Dichlorobenzidine

Concen: 19.843 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

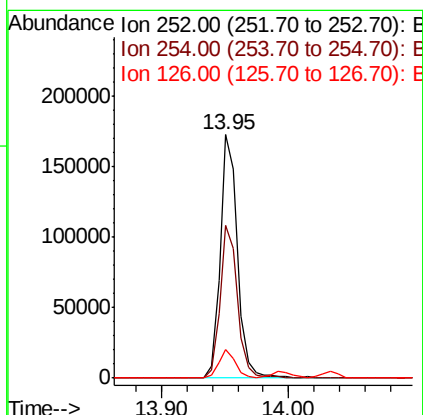
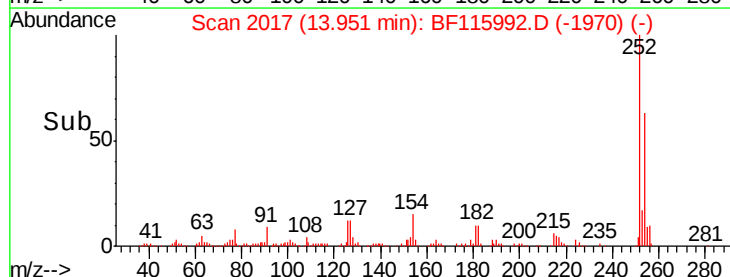
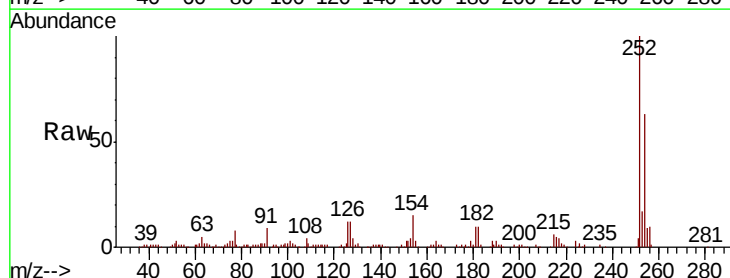
Tgt Ion:252 Resp: 165375

Ion Ratio Lower Upper

252 100

254 62.5 51.2 76.8

126 11.9 8.1 12.1





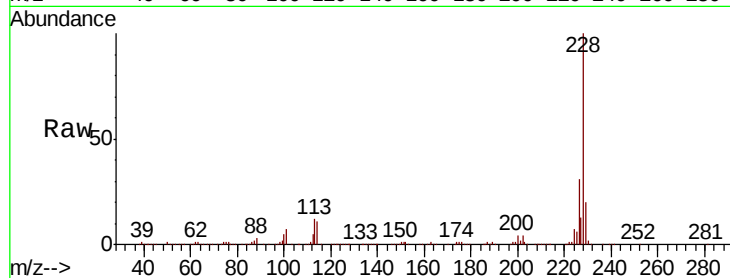
#83
 Chrvsene
 Concen: 47.834 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	20.3	16.4	24.6

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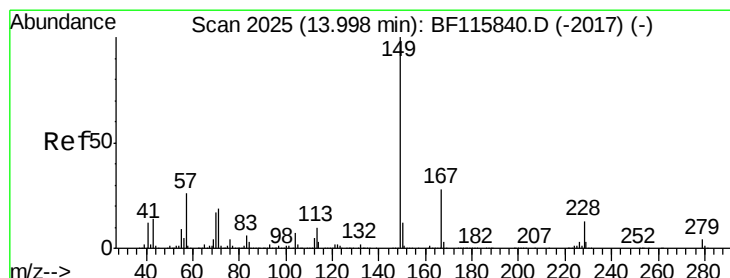
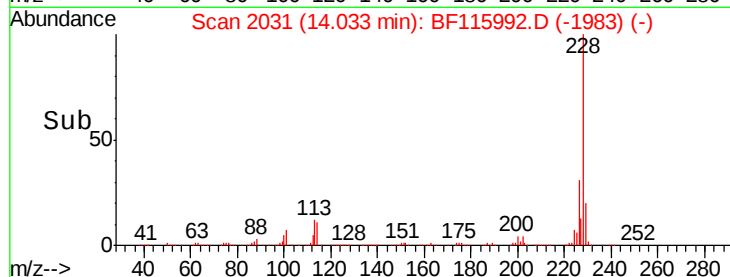
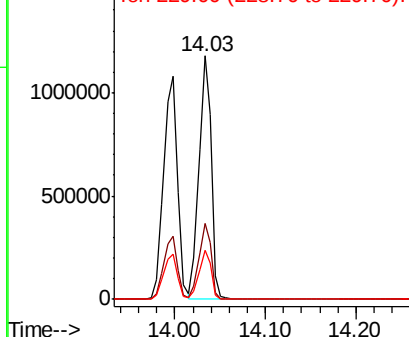


Abundance

Ion 228.00 (227.70 to 228.70): E

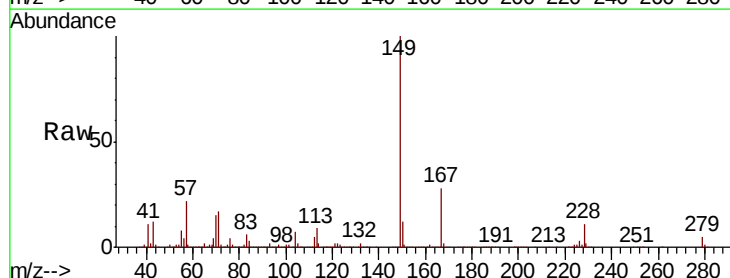
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.553 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BF115992.D
 Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.6	3.3	4.9

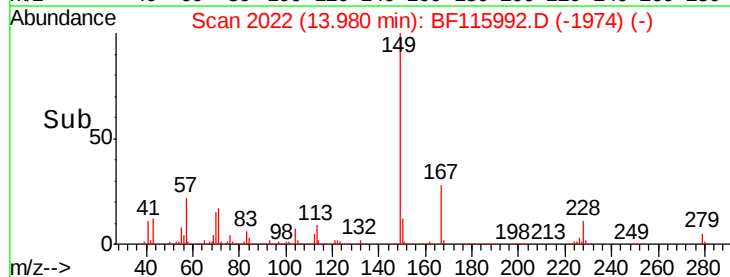
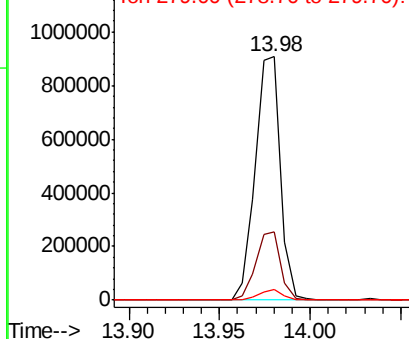


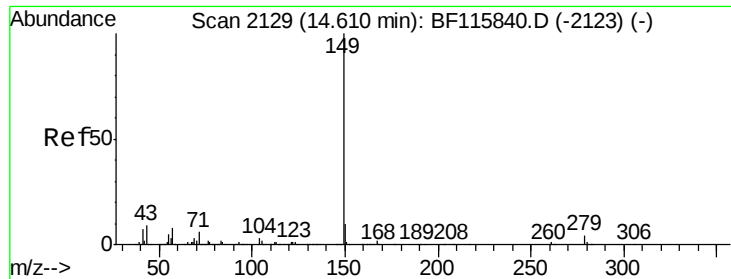
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 56.024 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MS

Tot Ion:149 Resp: 1383886

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

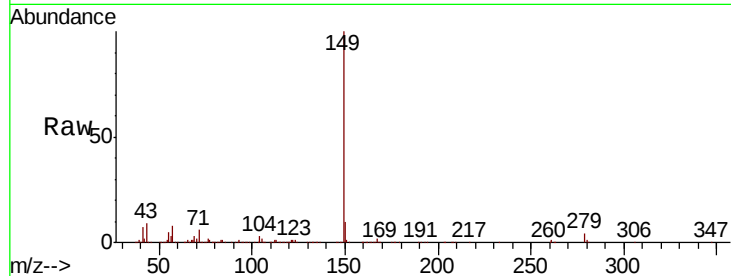
43 9.2 7.4 11.0

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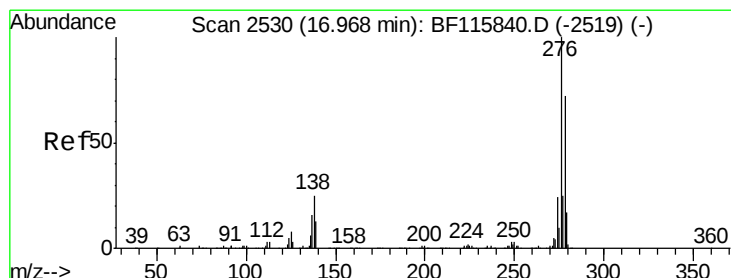
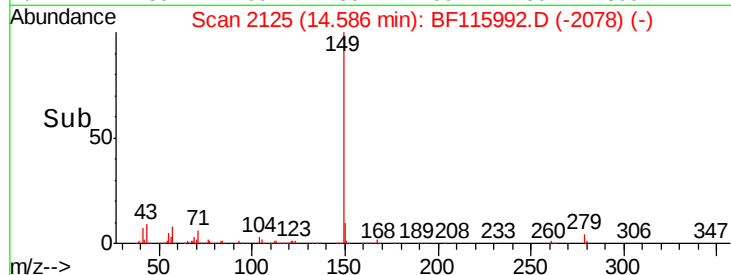
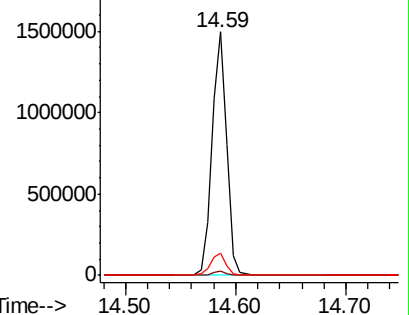
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Abundance Ion 149.00 (148.70 to 149.70): E

2000000 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: 52.760 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.03 min

Lab File: BF115992.D

Acq: 5 Aug 2019 20:54

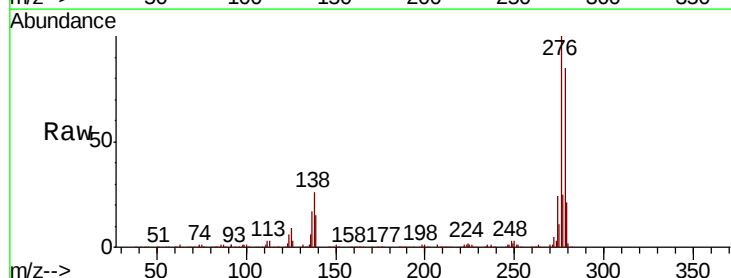
Tgt Ion:276 Resp: 1032014

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

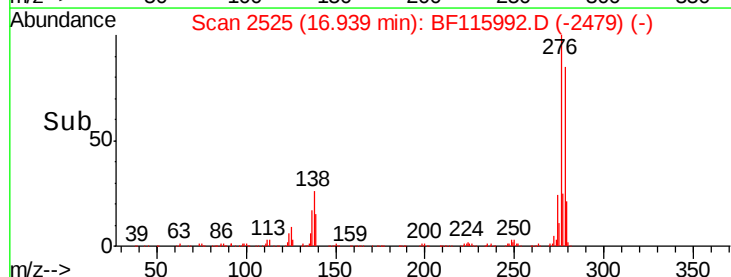
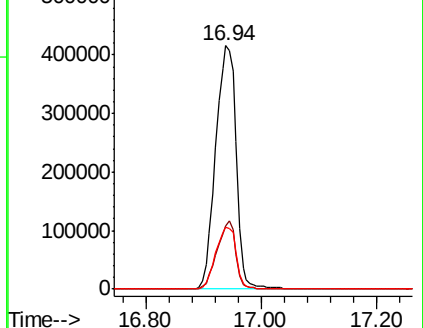
277 25.4 20.1 30.1

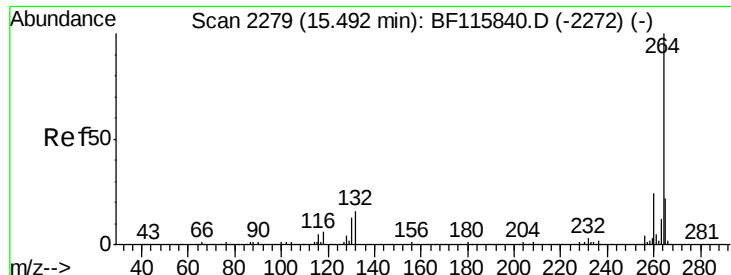


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





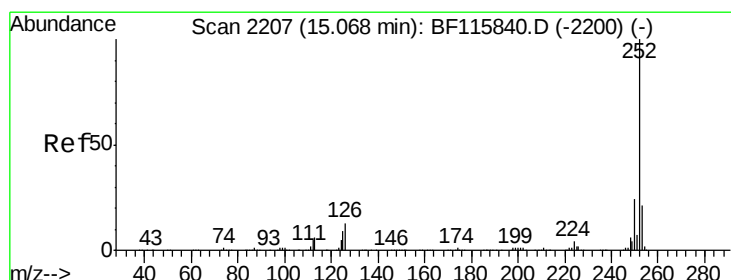
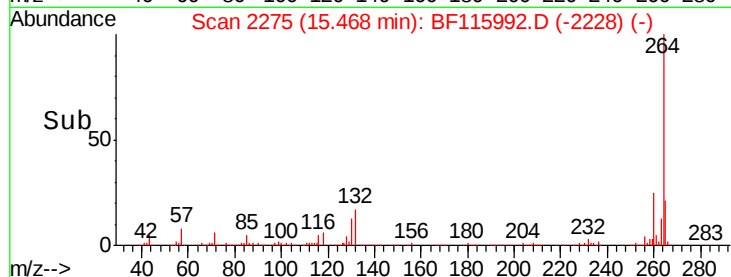
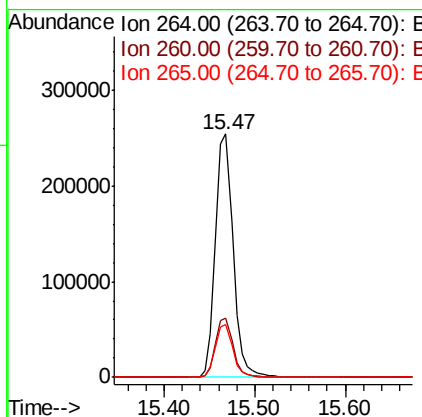
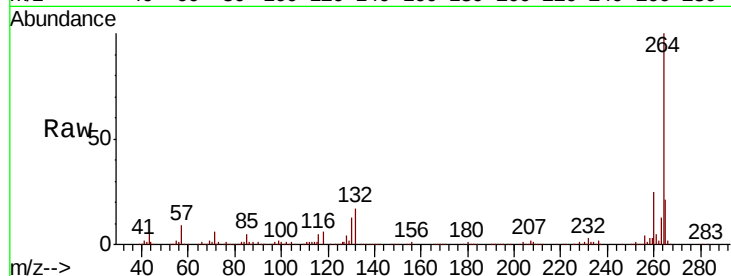
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.5	17.5	26.3

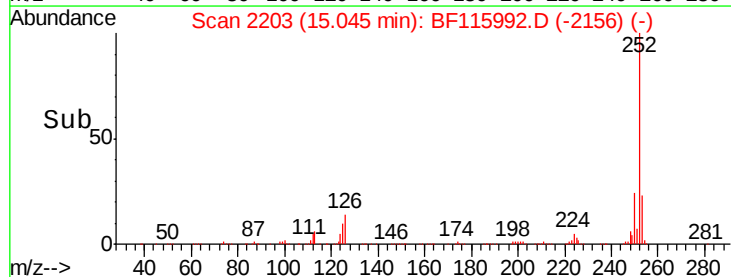
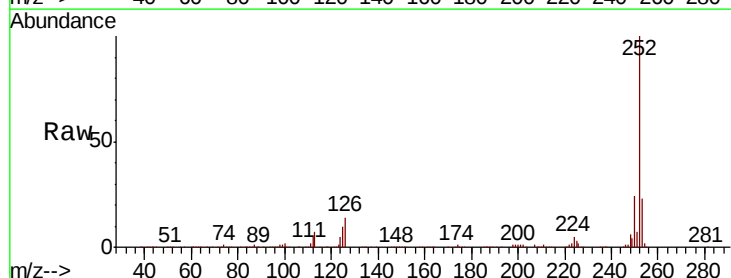
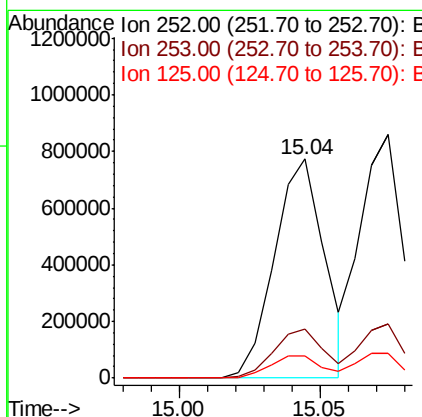
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#88
Benzo(b)fluoranthene
Concen: 47.526 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	10.1	7.4	11.0





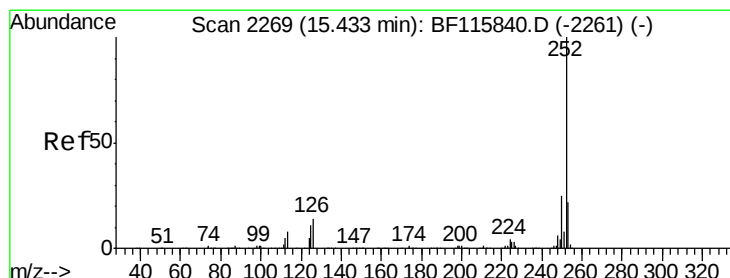
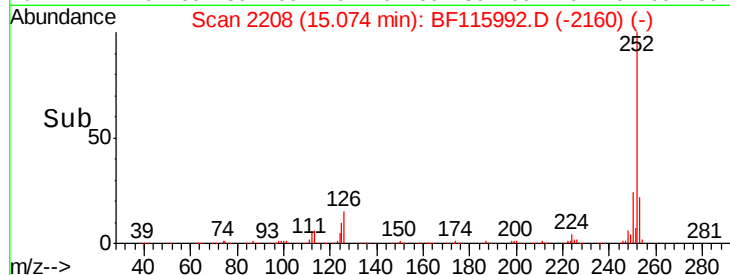
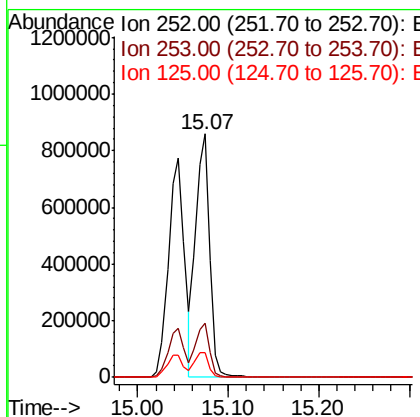
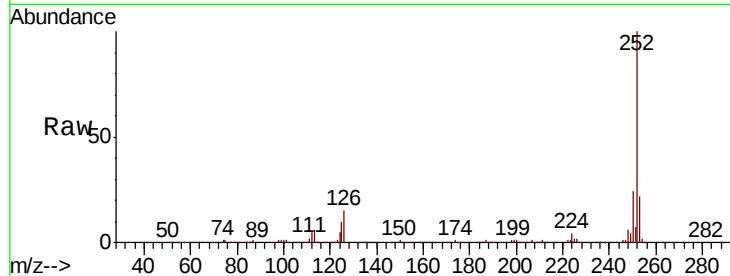
#89
Benzo(k)fluoranthene
Concen: 46.811 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion:252	Resp:	912076
Ion Ratio	Lower	Upper
252 100		
253 22.5	18.2	27.4
125 10.1	8.9	13.3

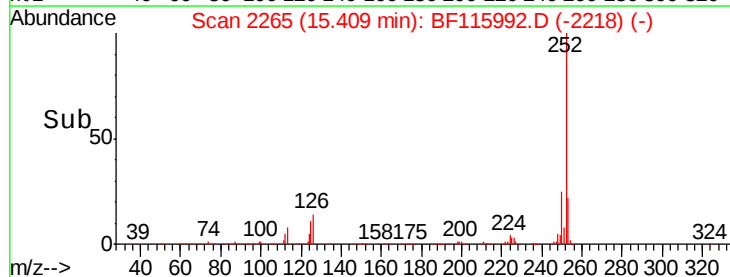
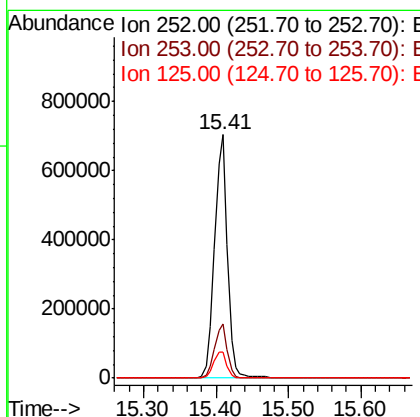
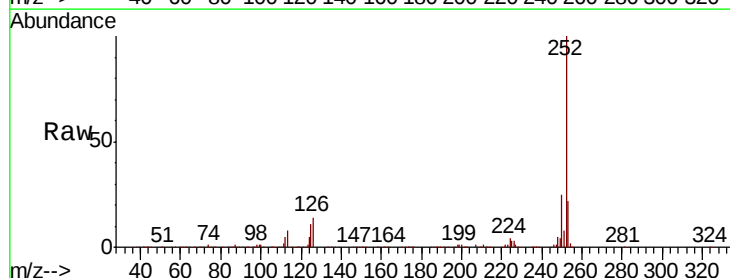
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#90
Benzo(a)pyrene
Concen: 48.740 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion:252	Resp:	871577
Ion Ratio	Lower	Upper
252 100		
253 22.0	17.8	26.6
125 10.9	8.8	13.2





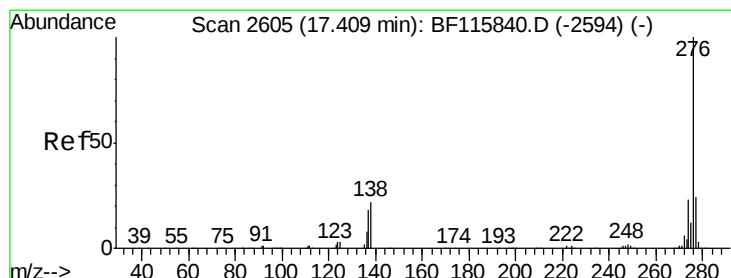
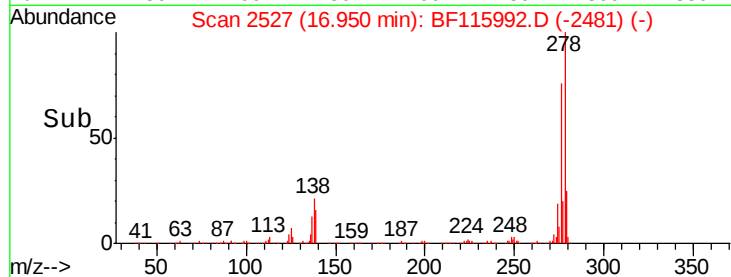
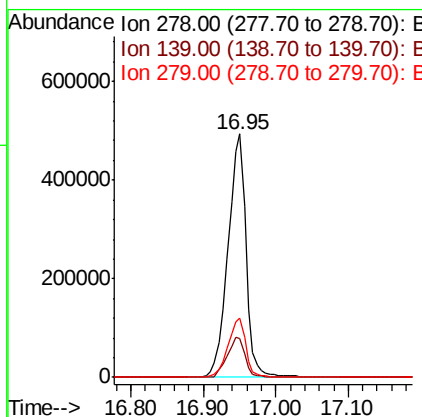
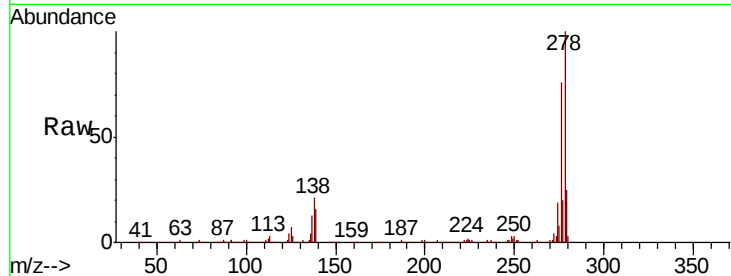
#91
Dibenzo(a,h)anthracene
Concen: 55.254 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.03 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	19.0
279	24.5	18.8	28.2

Manual Integrations
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mohammad
8/8/2019 4:45:45 PM



#92
Benzo(g,h,i)perylene
Concen: 58.381 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.03 min
Lab File: BF115992.D
Acq: 5 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	22.4	17.8	26.8

