

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115093.D
 Acq On : 21 Jun 2019 22:18
 Operator : HP/JU
 Sample : PB120753BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:20 PM

Quant Time: Jun 22 05:18:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	229504	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	900715	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	453891	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	897262	20.00	ng	0.00
76) Chrysene-d12	13.74	240	657381	20.00	ng	0.00
87) Perylene-d12	15.11	264	729124	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1621422	109.02	ng	0.02
7) Phenol-d6	6.26	99	1979240	109.65	ng	0.00
23) Nitrobenzene-d5	7.18	82	1221623	83.43	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	583597	121.93	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2374654	88.87	ng	0.00
79) Terphenyl-d14	12.71	244	2553596	82.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	279912	39.880	ng	99
3) Pyridine	2.94	79	760600	38.447	ng	99
4) n-Nitrosodimethylamine	2.88	42	311458	40.160	ng	97
6) Aniline	6.27	93	666020	26.846	ng	# 27
8) 2-Chlorophenol	6.40	128	708340	42.357	ng	98
9) Benzaldehyde	6.15	77	109126	9.266	ng	97
10) Phenol	6.27	94	826459	39.086	ng	94
11) bis(2-Chloroethyl)ether	6.36	93	643345	41.276	ng	98
12) 1,3-Dichlorobenzene	6.55	146	755717	40.719	ng	99
13) 1,4-Dichlorobenzene	6.63	146	757649	40.710	ng	99
14) 1,2-Dichlorobenzene	6.78	146	713446	41.395	ng	99
15) Benzyl Alcohol	6.76	79	548018	41.692	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	930451	41.159	ng	100
17) 2-Methylphenol	6.88	107	582121	42.172	ng	99
18) Hexachloroethane	7.13	117	276421	41.198	ng	100
19) n-Nitroso-di-n-propylamine	7.04	70	460731	39.867	ng	99
20) 3+4-Methylphenols	7.03	107	677119	42.483	ng	95
22) Acetophenone	7.02	105	928017	45.005	ng	# 99
24) Nitrobenzene	7.20	77	704941	43.701	ng	99
25) Isophorone	7.44	82	1321044	44.042	ng	100
26) 2-Nitrophenol	7.51	139	372672	46.782	ng	97
27) 2,4-Dimethylphenol	7.56	122	659755	50.583	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	835161	44.053	ng	99
29) 2,4-Dichlorophenol	7.75	162	611169	45.406	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	658522	44.292	ng	99
31) Naphthalene	7.92	128	2007030	45.394	ng	100
32) Benzoic acid	7.70	122	471245	50.616	ng	99
33) 4-Chloroaniline	7.97	127	477203	23.616	ng	99
34) Hexachlorobutadiene	8.05	225	352840	43.306	ng	99
35) Caprolactam	8.34	113	198371m	43.835	ng	
36) 4-Chloro-3-methylphenol	8.45	107	617536	45.302	ng	100
37) 2-Methylnaphthalene	8.61	142	1388043	46.561	ng	99
38) 1-Methylnaphthalene	8.71	142	1316205	46.228	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	559130	43.593	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	688560	90.535	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	444789	44.918	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	460108	45.120	ng	99
46) 1,1'-Biphenyl	9.08	154	1580693	43.524	ng	98
47) 2-Chloronaphthalene	9.10	162	1280726	43.474	ng	98
48) 2-Nitroaniline	9.19	65	375865	43.763	ng	95
49) Acenaphthylene	9.51	152	2028494	44.195	ng	99
50) Dimethylphthalate	9.38	163	1473398	44.122	ng	100
51) 2,6-Dinitrotoluene	9.44	165	349468	45.329	ng	93
52) Acenaphthene	9.68	154	1390158	48.402	ng	99
53) 3-Nitroaniline	9.60	138	263913	28.051	ng	96
54) 2,4-Dinitrophenol	9.70	184	364806	90.860	ng	91
55) Dibenzofuran	9.85	168	1768123	42.892	ng	100
56) 4-Nitrophenol	9.77	139	651402	86.363	ng	96
57) 2,4-Dinitrotoluene	9.84	165	467377	46.951	ng	97
58) Fluorene	10.20	166	1237623	45.110	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	402920	47.121	ng	99
60) Diethylphthalate	10.08	149	1485850	44.264	ng	100
61) 4-Chlorophenyl-phenylether	10.19	204	600981	46.270	ng	96
62) 4-Nitroaniline	10.21	138	394468	41.794	ng	98
63) Azobenzene	10.35	77	1407324	44.886	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	217098	45.734	ng	99
66) n-Nitrosodiphenylamine	10.31	169	1256456	44.947	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	423226	43.505	ng	95
68) Hexachlorobenzene	10.74	284	462988	43.846	ng	94
69) Atrazine	10.84	200	393406	43.749	ng	98
70) Pentachlorophenol	10.93	266	553099	82.220	ng	97
71) Phenanthrene	11.14	178	2031096	42.043	ng	100
72) Anthracene	11.20	178	2098765	43.038	ng	99
73) Carbazole	11.35	167	1900513	43.644	ng	99
74) Di-n-butylphthalate	11.70	149	2247576	44.666	ng	98
75) Fluoranthene	12.32	202	2108288	43.740	ng	99
77) Benzidine	12.45	184	974850	33.396	ng	99
78) Pyrene	12.55	202	2162952	42.814	ng	98
80) Butylbenzylphthalate	13.19	149	1014852	45.519	ng	95
81) Benzo(a)anthracene	13.73	228	1969407	41.752	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	547691	32.154	ng	99
83) Chrysene	13.77	228	1826884	42.281	ng	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1349541	46.196	ng	# 99
85) Di-n-octyl phthalate	14.37	149	2307975	47.021	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2271107	44.420	ng	99
88) Benzo(b)fluoranthene	14.74	252	2083461	45.795	ng	99
89) Benzo(k)fluoranthene	14.77	252	1872157	45.887	ng	98
90) Benzo(a)pyrene	15.06	252	1960480	47.810	ng	98
91) Dibenzo(a,h)anthracene	16.41	278	1880791	49.131	ng	98
92) Benzo(g,h,i)perylene	16.78	276	1894033	48.885	ng	98

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

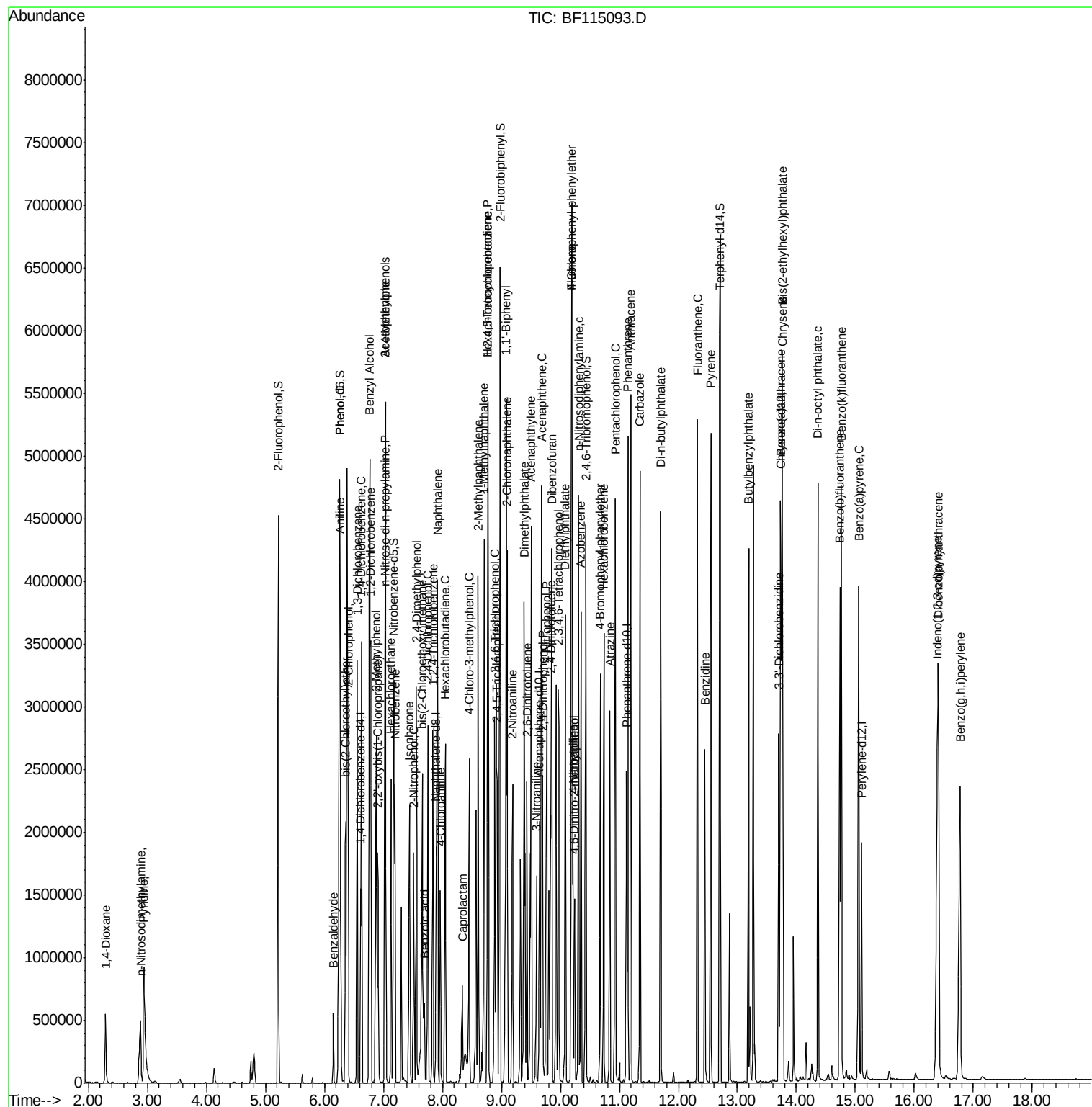
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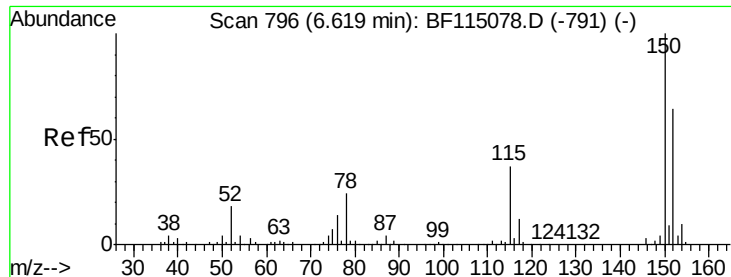
Instrument :
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 ClientSampleID :
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#1

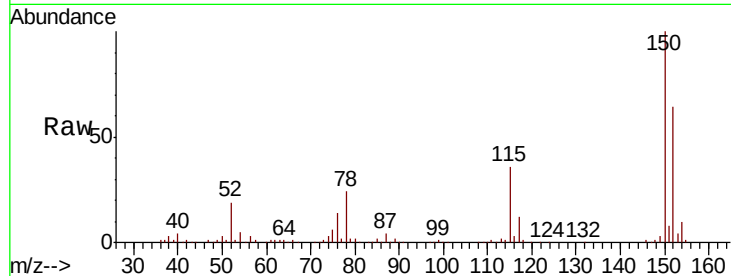
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	56.4	46.1	69.1

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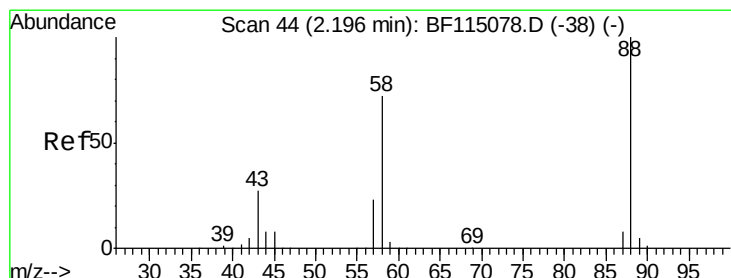
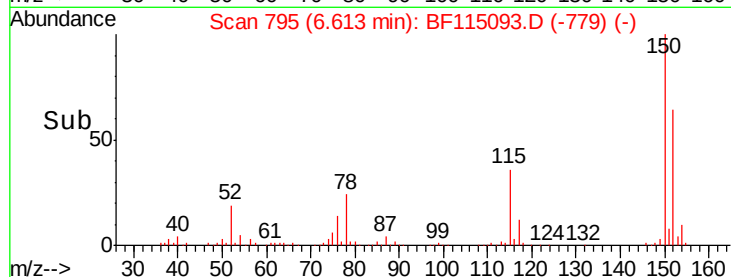
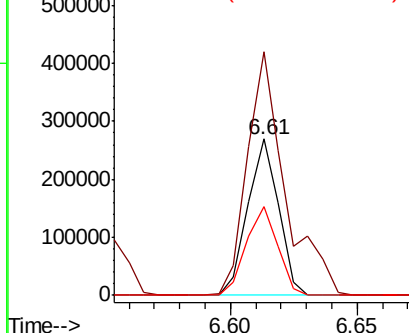


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

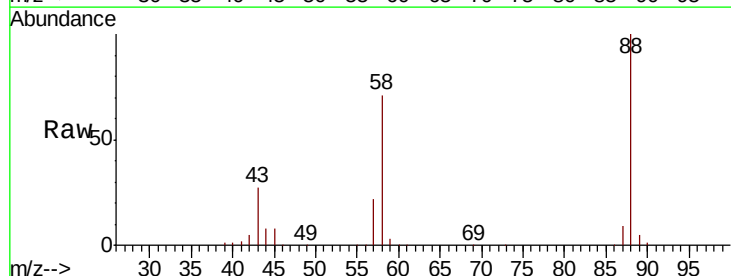
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.880 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.09 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	56.1	84.1
43	26.8	21.3	31.9

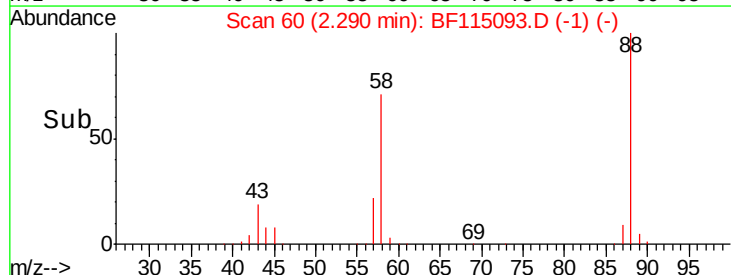
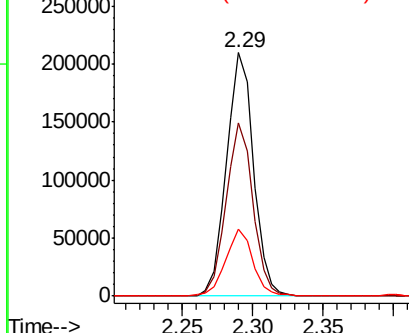


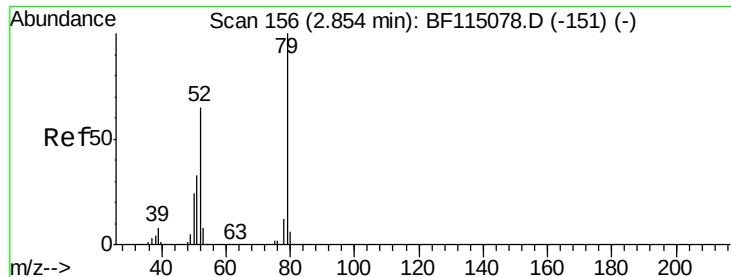
Abundance

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





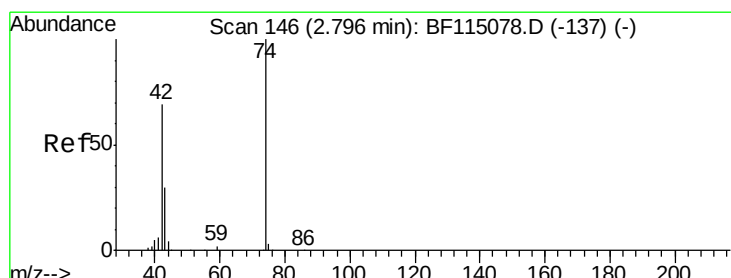
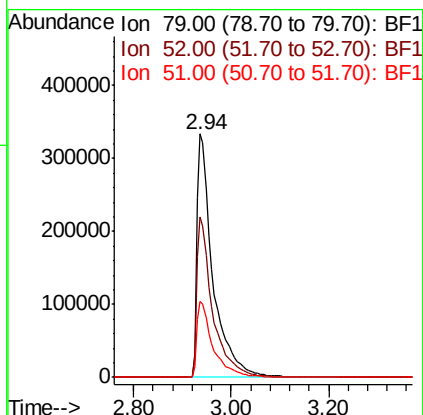
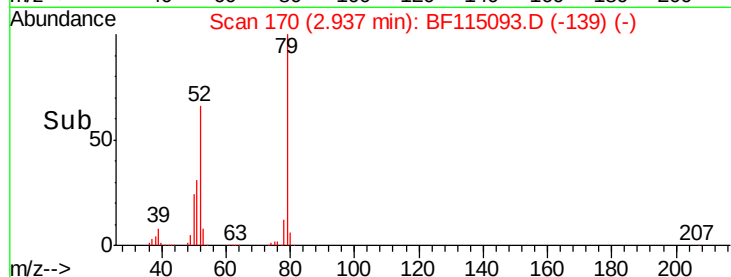
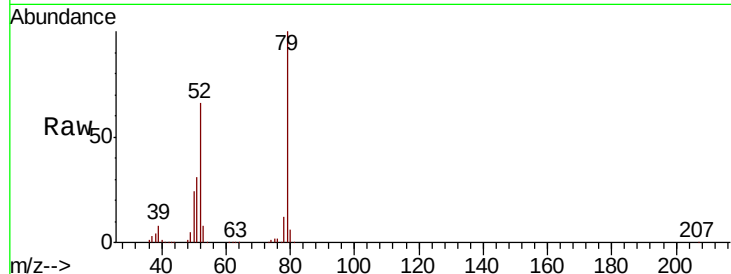
#3
 Pvridine
 Concen: 38.447 ng
 RT: 2.94 min Scan# 170
 Delta R.T. 0.08 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.8	52.3	78.5
51	31.2	26.1	39.1

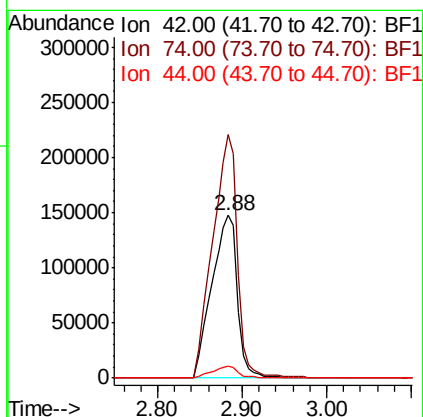
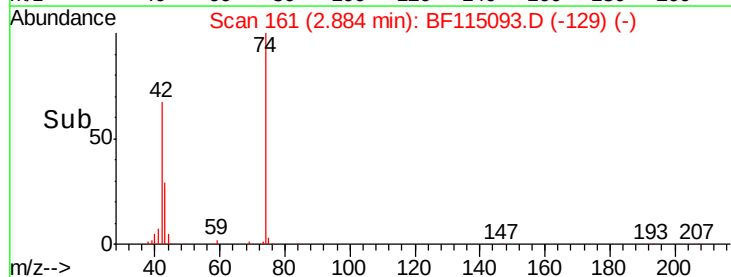
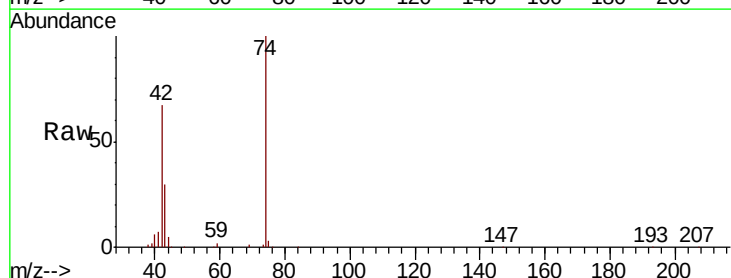
Manual Integrations
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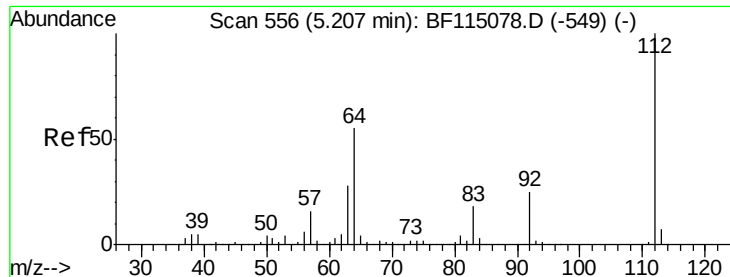
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#4
 n-Nitrosodimethylamine
 Concen: 40.160 ng
 RT: 2.88 min Scan# 161
 Delta R.T. 0.09 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.7	116.6	175.0
44	7.3	5.3	7.9





#5

2-Fluorophenol

Concen: 109.023 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

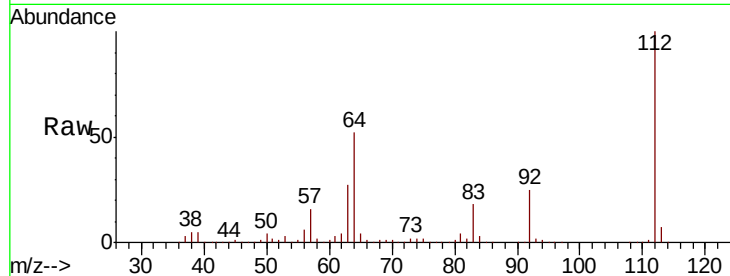
ClientSampleId :

PB120753BS

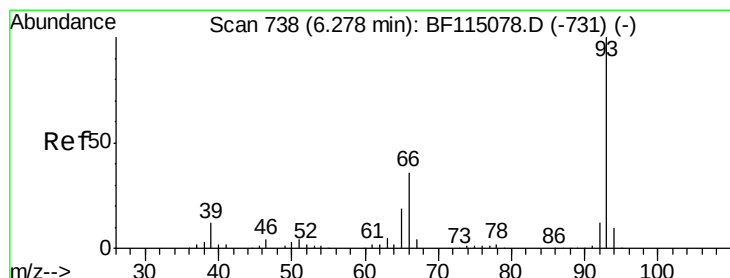
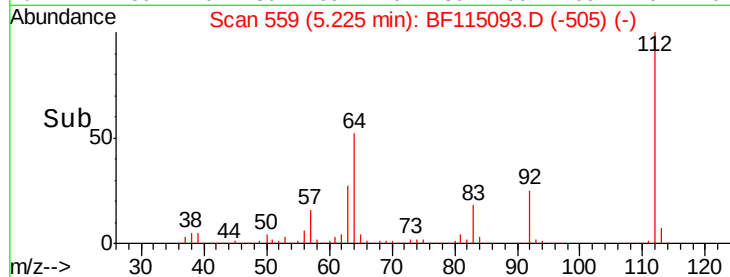
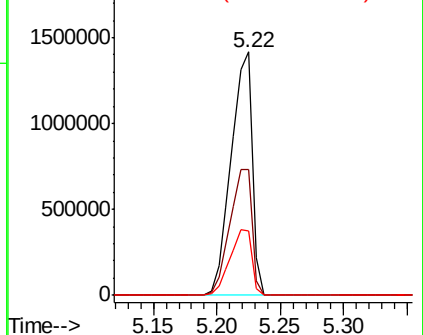
Tot Ion:	112	Resp:	1621422
Ion	Ratio	Lower	Upper
112	100		
64	51.8	43.8	65.6
63	26.6	22.2	33.4

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



#6

Aniline

Concen: 26.846 ng

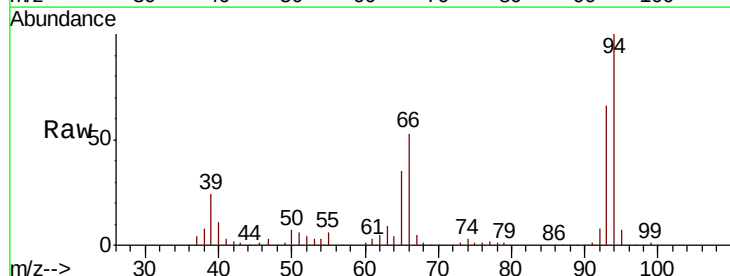
RT: 6.27 min Scan# 737

Delta R.T. -0.01 min

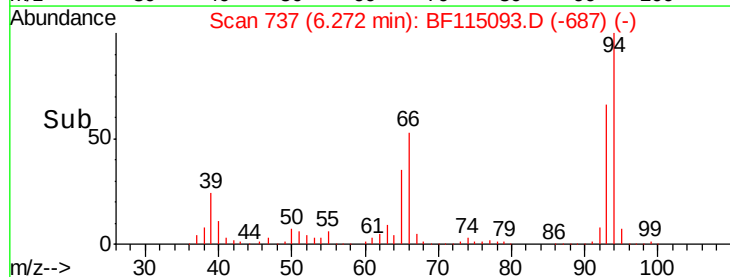
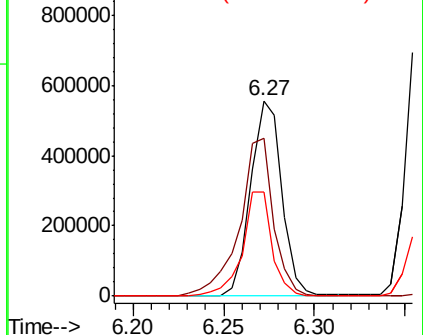
Lab File: BF115093.D

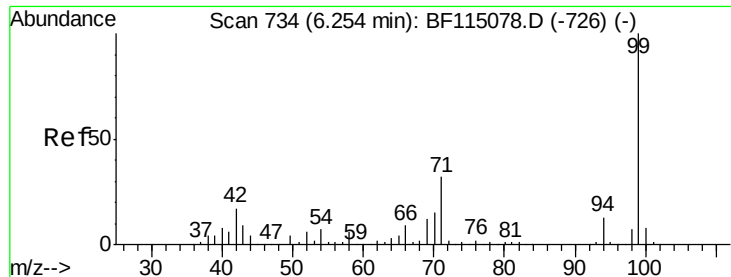
Acq: 21 Jun 2019 22:18

Tgt Ion:	93	Resp:	666020
Ion	Ratio	Lower	Upper
93	100		
66	80.9	30.0	45.0#
65	53.7	15.6	23.4#



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





#7

Phenol-d6

Concen: 109.645 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

Tot Ion: 99 Resp: 1979240

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

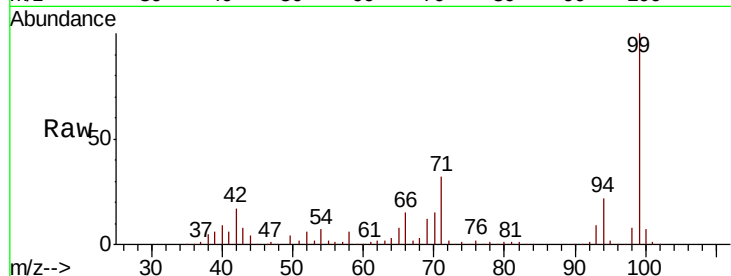
71 31.7 25.5 38.3

Manual Integrations

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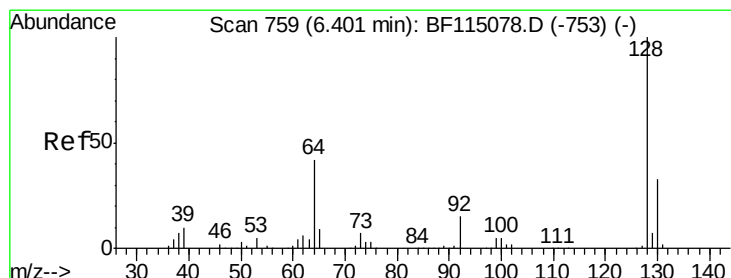
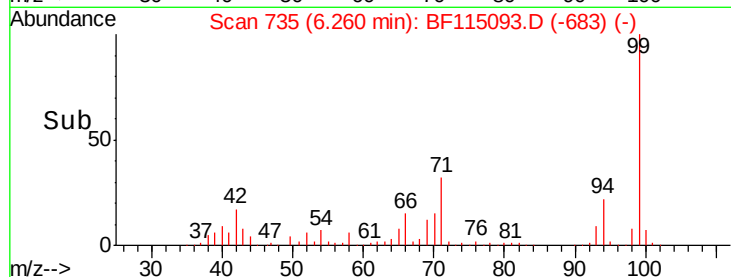
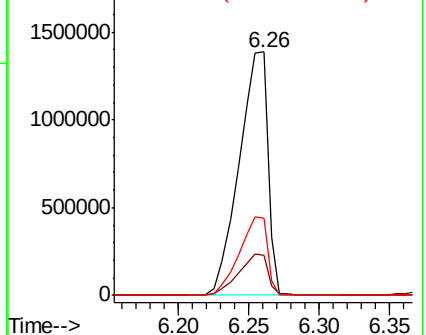
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.357 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

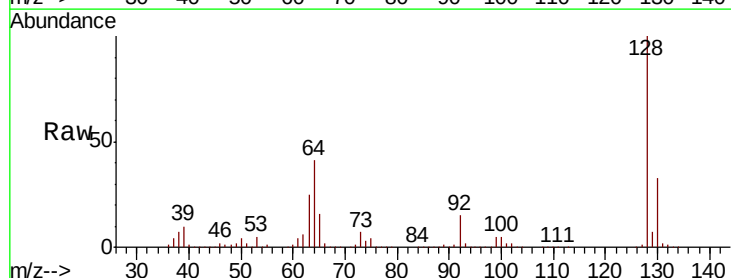
Tgt Ion:128 Resp: 708340

Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

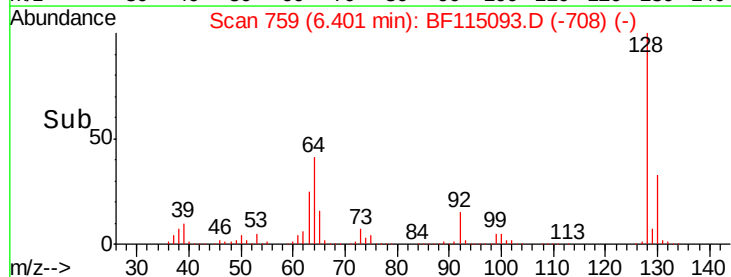
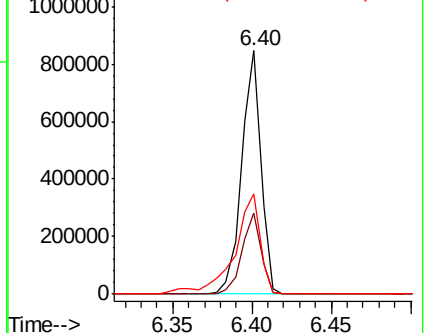
64 41.1 22.9 62.9

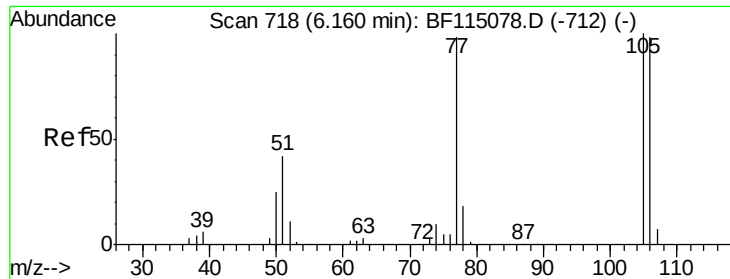


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 9.266 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

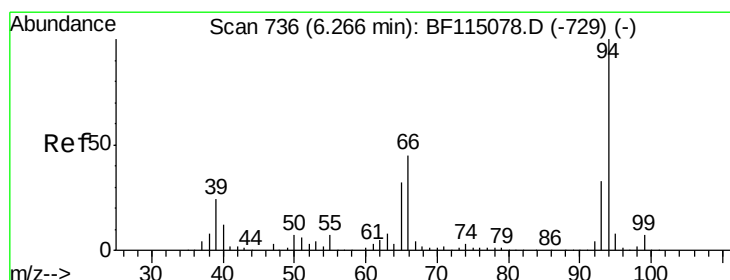
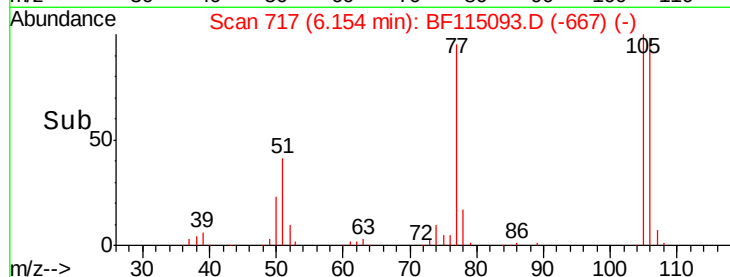
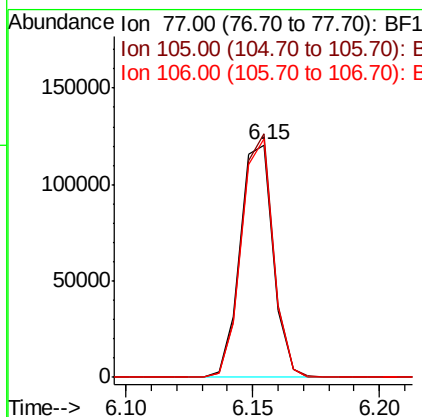
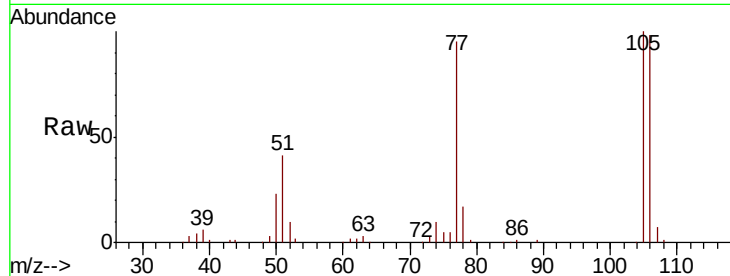
ClientSampleId :

PB120753BS

Tot Ion:	77	Resp:	109126
Ion	Ratio	Lower	Upper
77	100		
105	104.9	81.5	121.5
106	102.5	79.7	119.7

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#10

Phenol

Concen: 39.086 ng

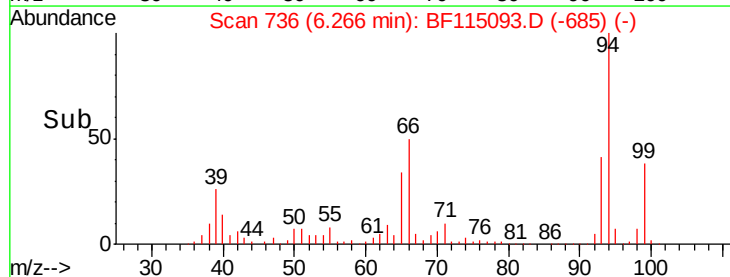
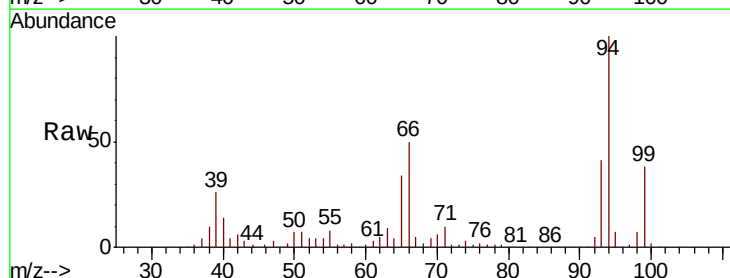
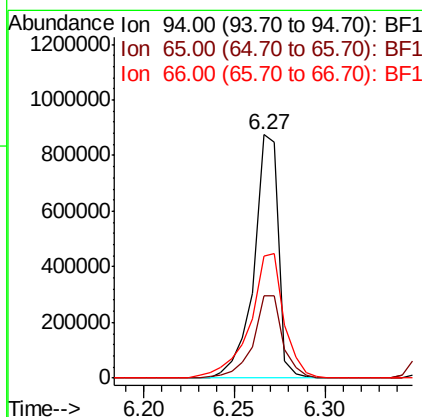
RT: 6.27 min Scan# 736

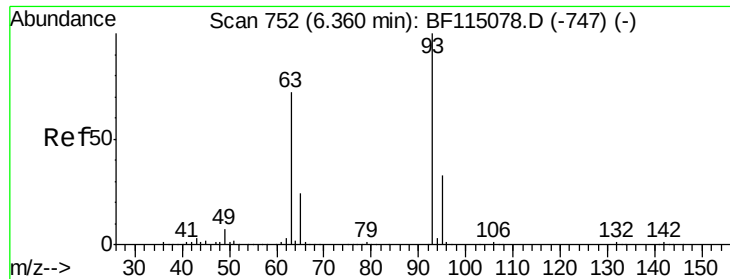
Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:	94	Resp:	826459
Ion	Ratio	Lower	Upper
94	100		
65	33.9	11.9	51.9
66	49.9	25.2	65.2





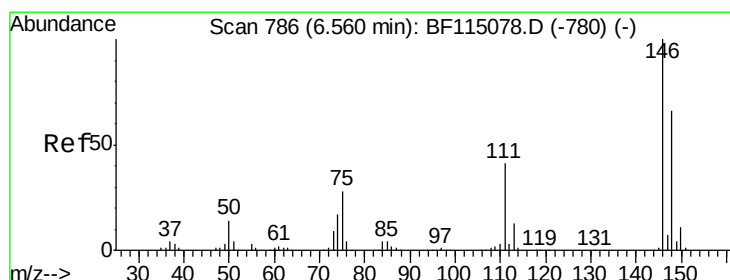
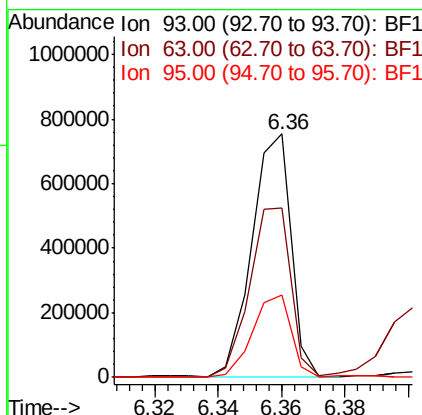
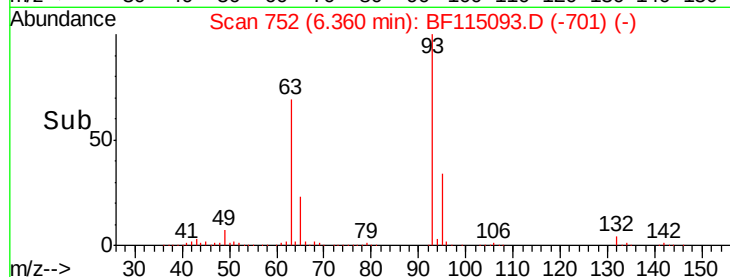
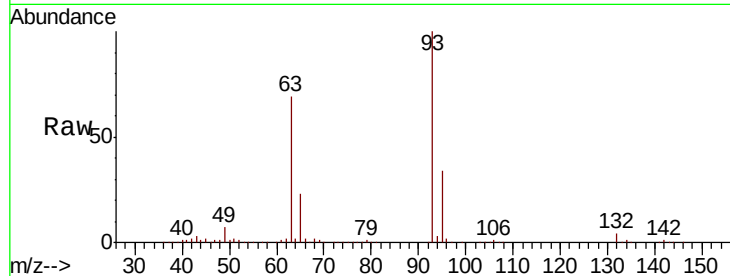
#11
bis(2-Chloroethyl)ether
Concen: 41.276 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	643345		
63	69.4		51.5	91.5
95	33.7		13.4	53.4

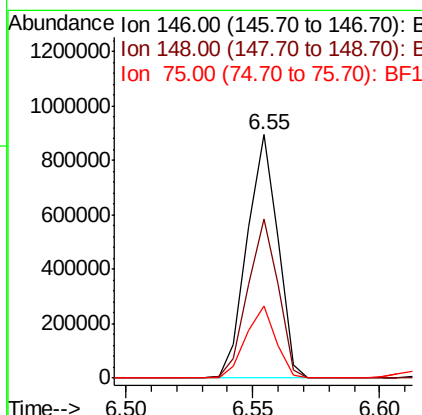
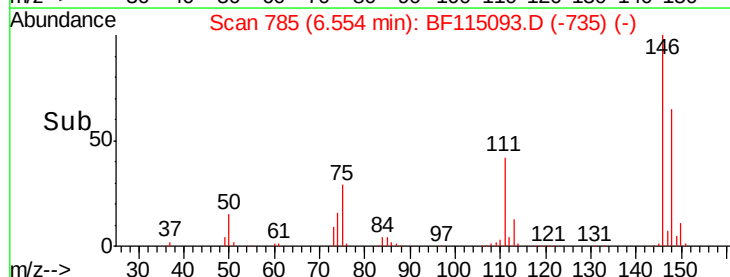
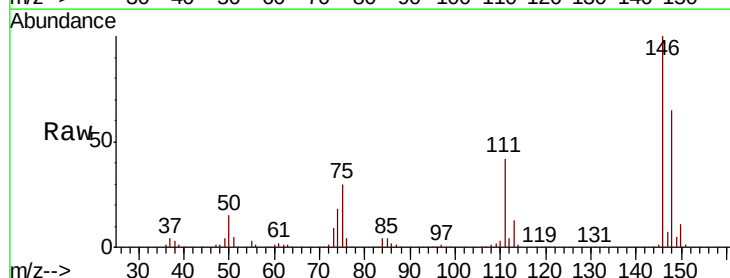
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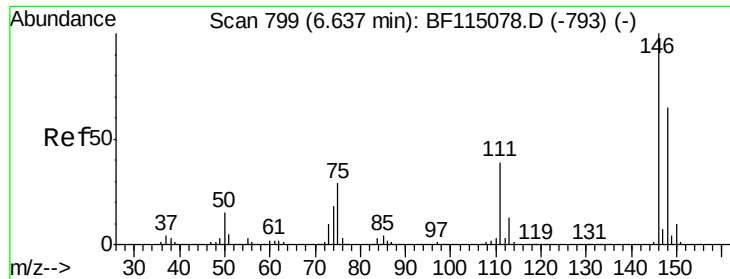
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#12
1,3-Dichlorobenzene
Concen: 40.719 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	755717		
148	65.5		52.6	78.8
75	29.8		22.6	34.0





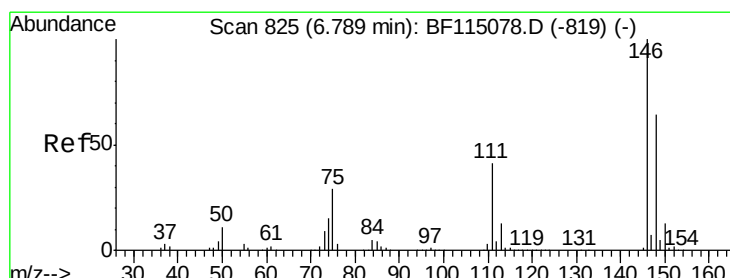
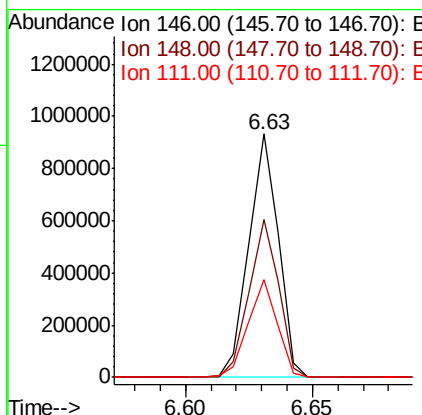
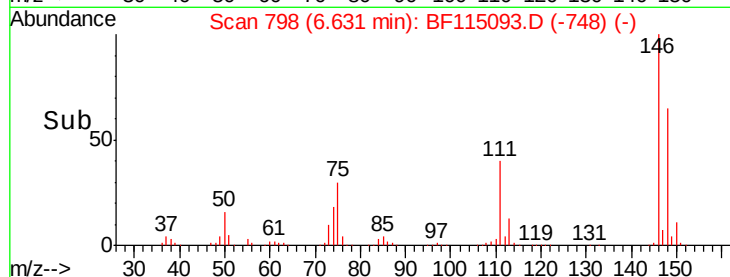
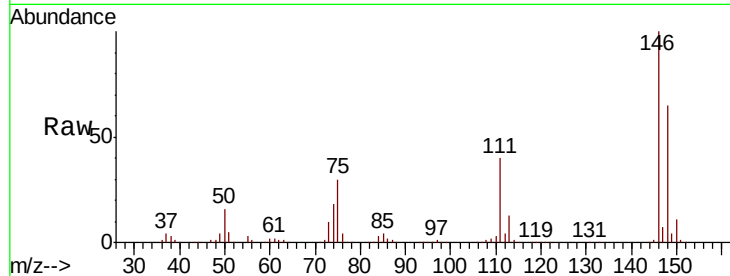
#13
 1,4-Dichlorobenzene
 Concen: 40.710 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	40.4	31.4	47.0

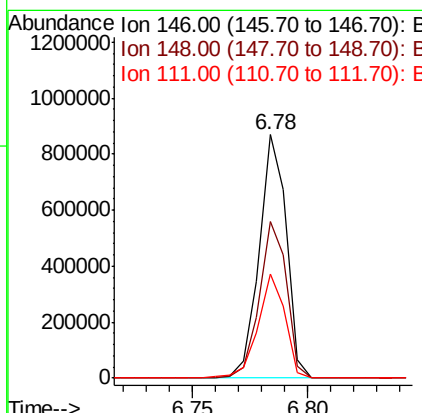
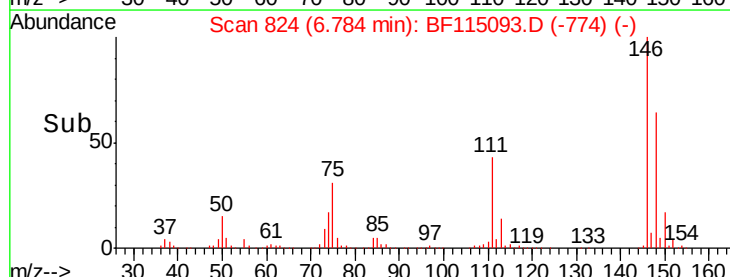
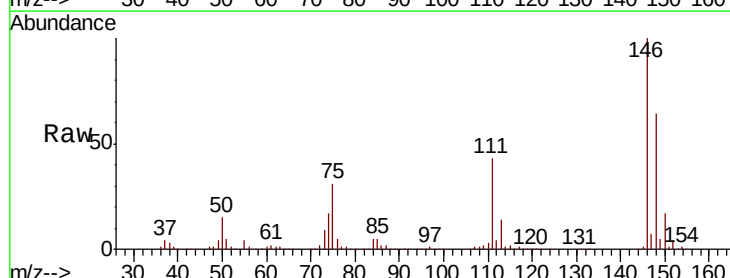
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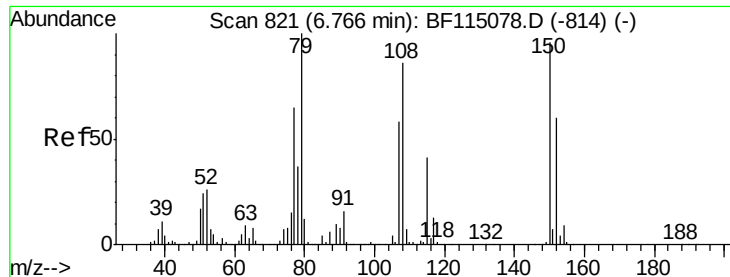
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#14
 1,2-Dichlorobenzene
 Concen: 41.395 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	42.7	33.2	49.8





#15

Benzyl Alcohol

Concen: 41.692 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

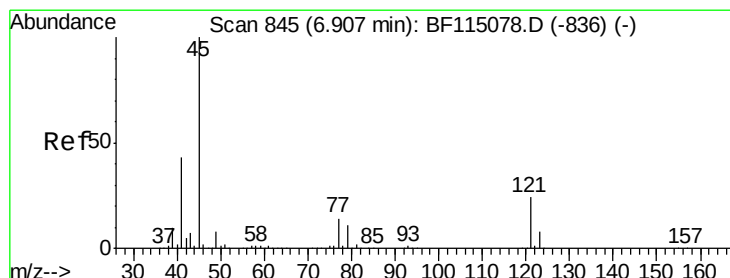
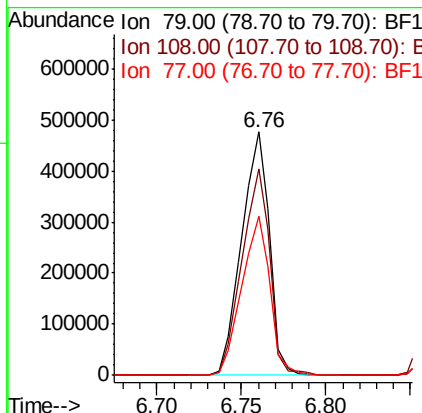
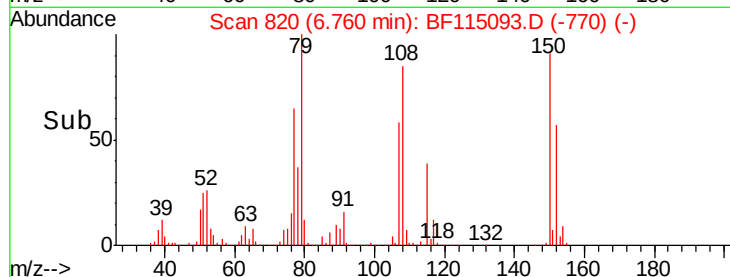
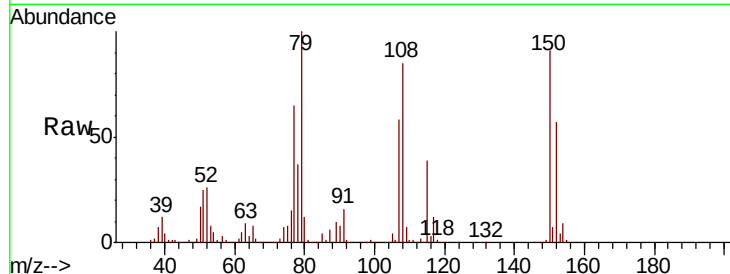
ClientSampleId :

PB120753BS

Tot Ion:	79	Resp:	548018
Ion Ratio	Lower	Upper	
79	100		
108	84.8	68.7	103.1
77	65.3	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.159 ng

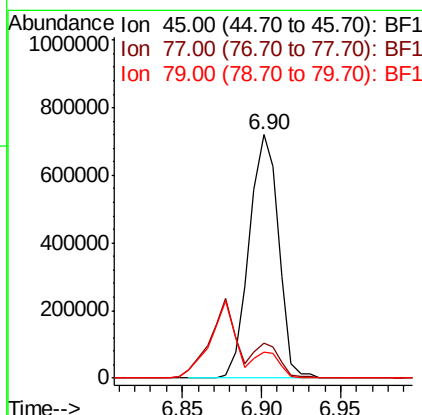
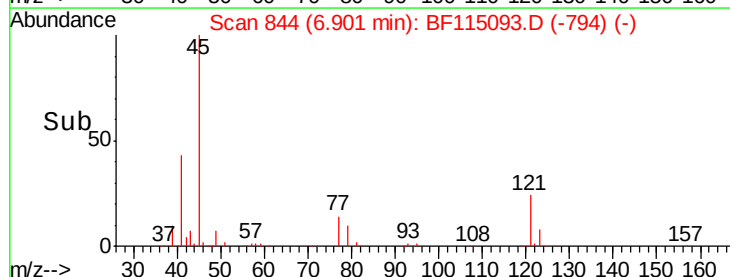
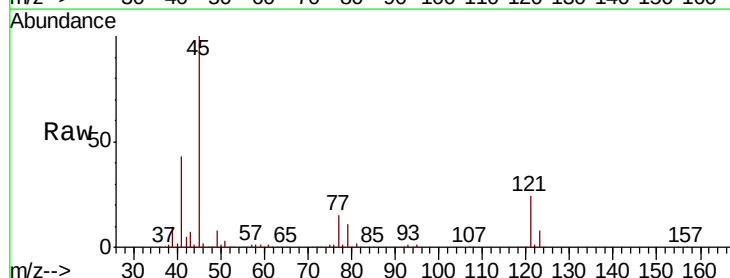
RT: 6.90 min Scan# 844

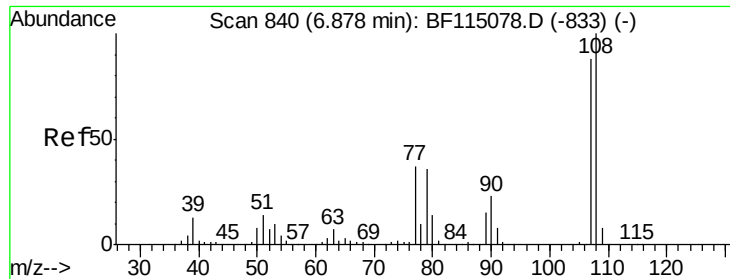
Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:	45	Resp:	930451
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.6
79	10.9	0.0	31.2





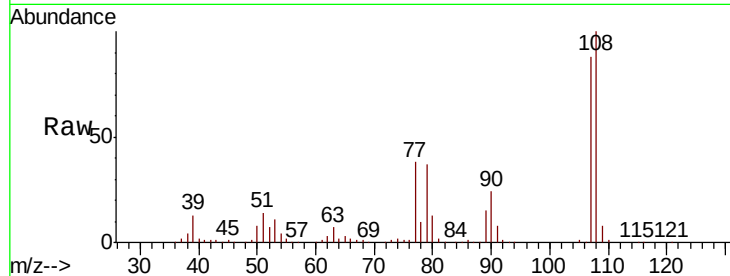
#17
2-Methylphenol
Concen: 42.172 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	582121		
108	114.1	90.9	136.3	
77	43.0	33.4	50.2	
79	41.9	32.3	48.5	

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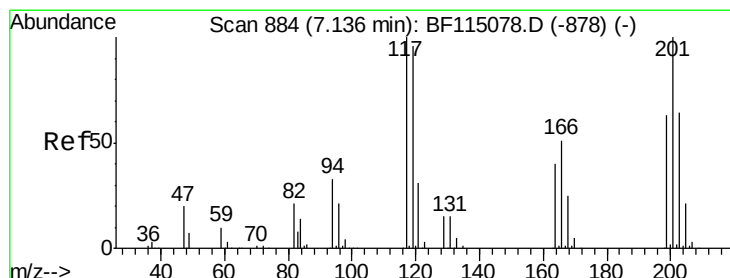
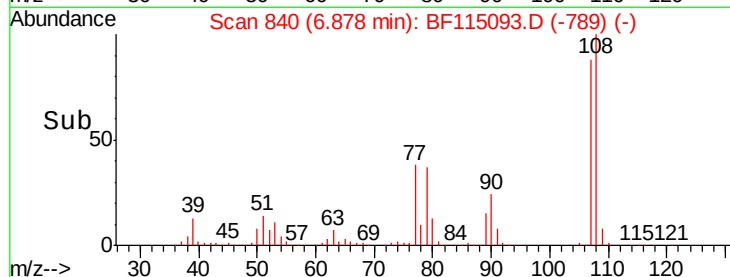
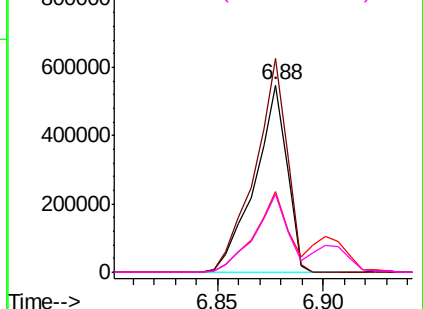
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

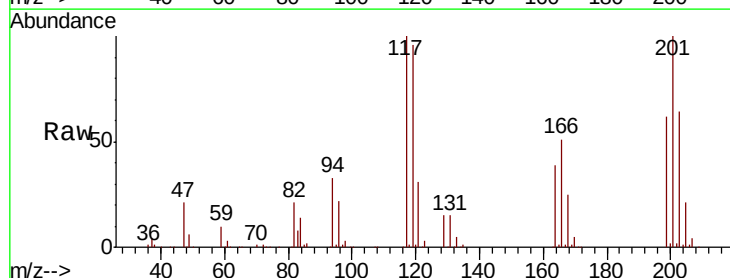
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.198 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	276421		
119	95.6	76.6	114.8	
201	99.9	80.2	120.2	

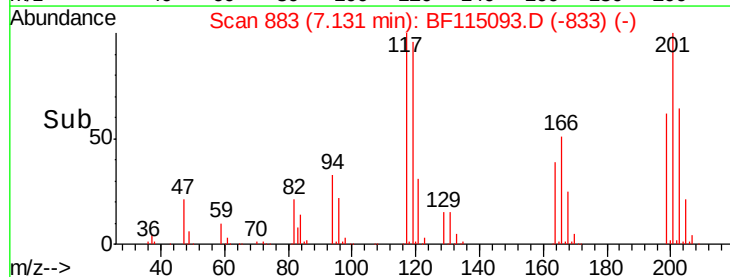
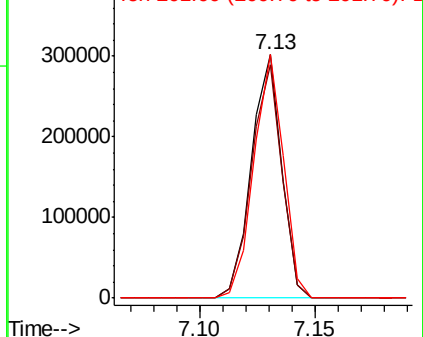


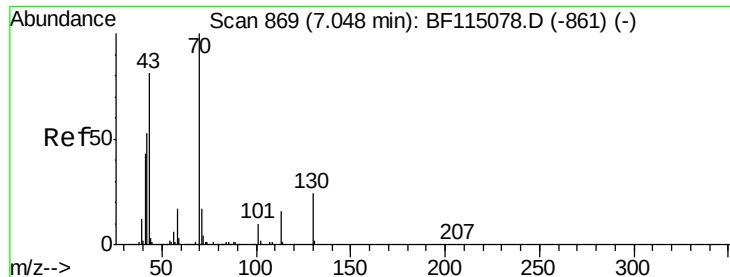
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.867 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

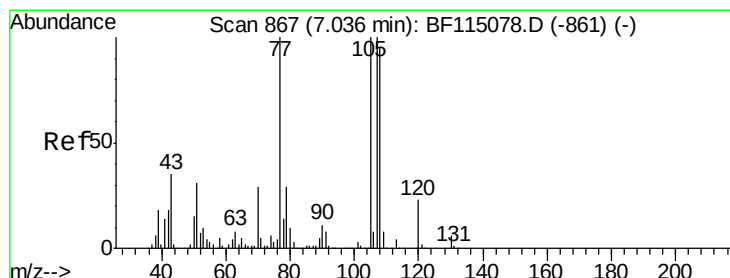
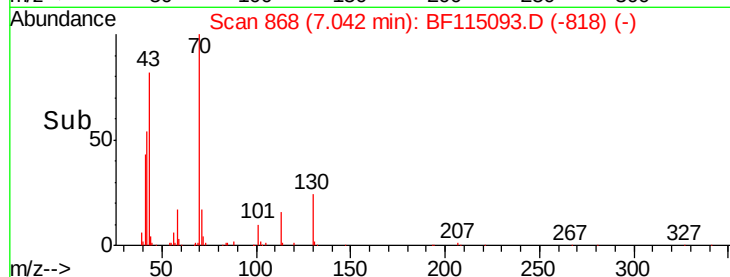
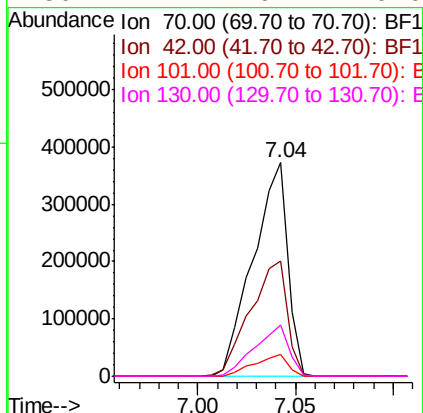
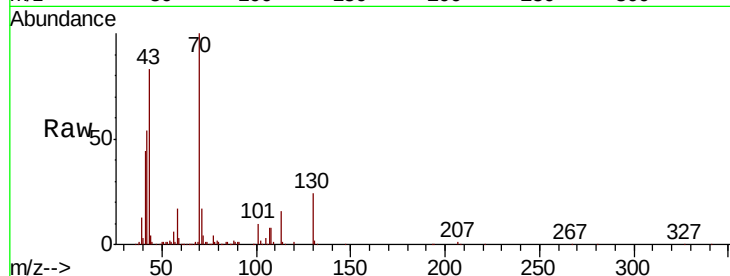
ClientSampleId :

PB120753BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	42.6	63.8	
101	10.1	8.0	12.0	
130	24.2	19.4	29.0	

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#20

3+4-Methylphenols

Concen: 42.483 ng

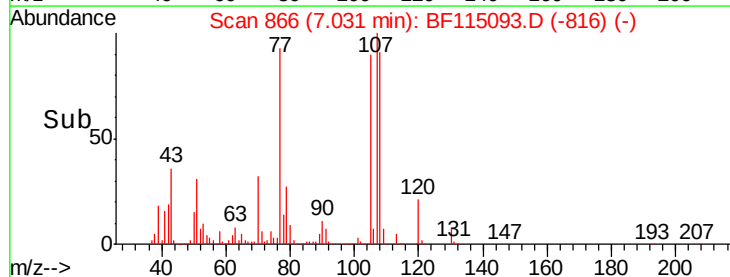
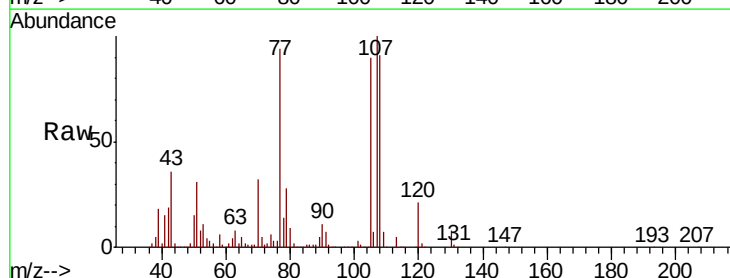
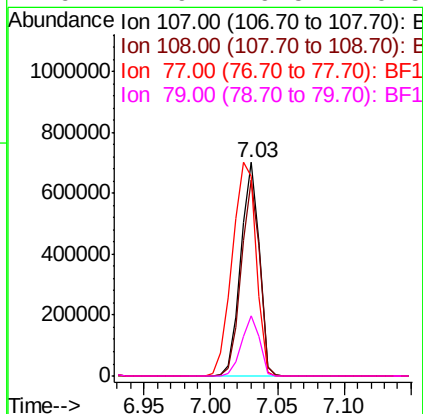
RT: 7.03 min Scan# 866

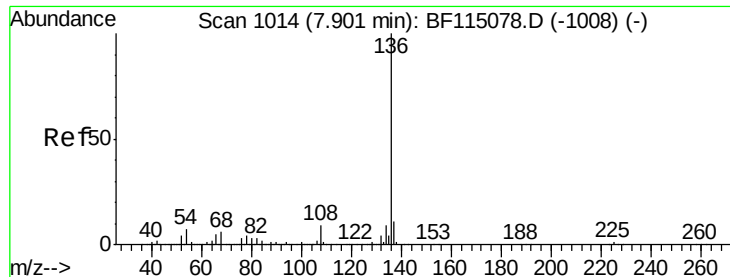
Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	75.5	115.5	
77	93.7	80.2	120.2	
79	27.9	9.5	49.5	





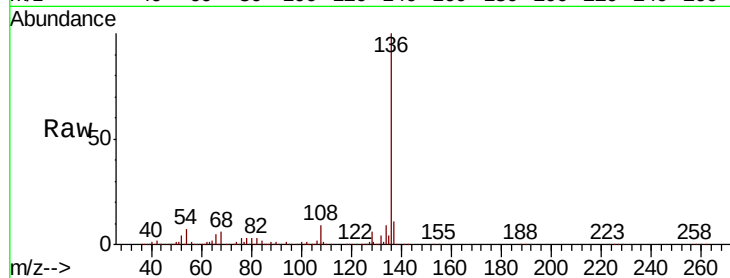
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		900715		
137	11.2		8.9	13.3	
54	7.0		5.6	8.4	
68	6.0		4.8	7.2	

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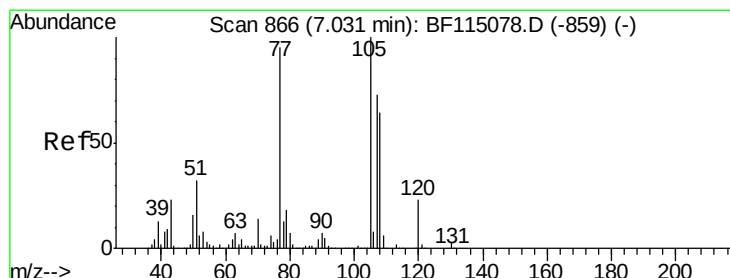
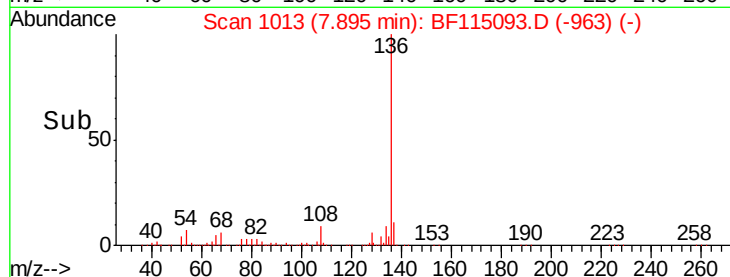
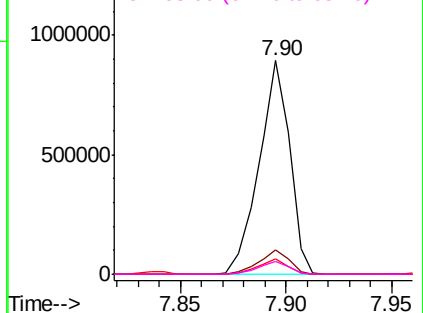
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.005 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		928017		
71	3.9		1.9	2.9#	
51	31.5		25.8	38.8	
120	23.7		18.5	27.7	

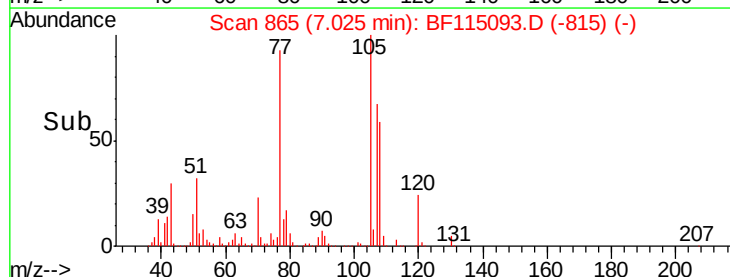
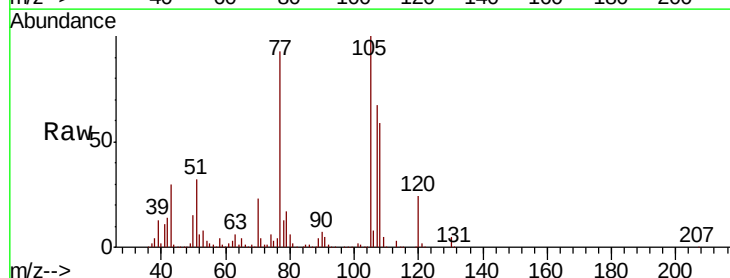
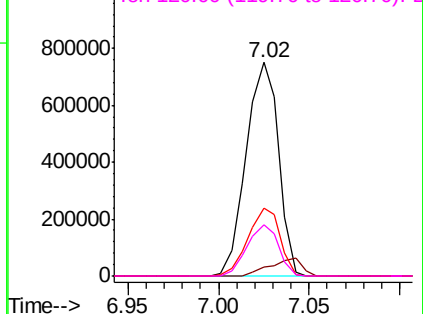
Abundance

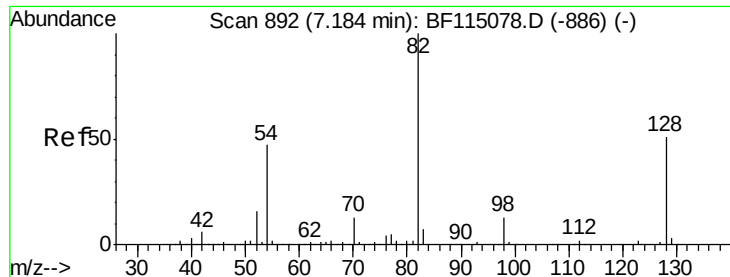
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





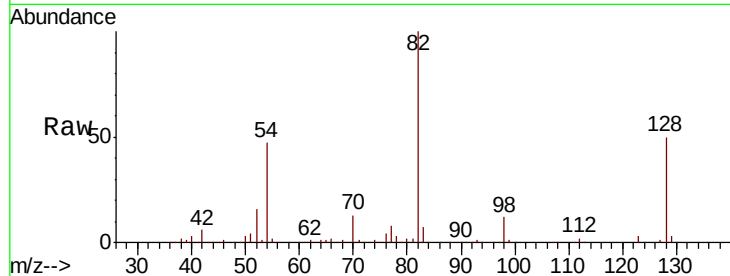
#23
Nitrobenzene-d5
Concen: 83.432 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampled :
PB120753BS

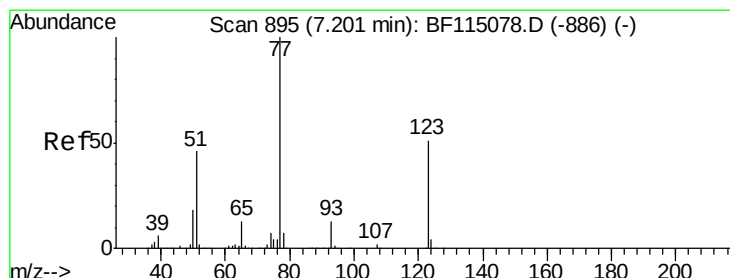
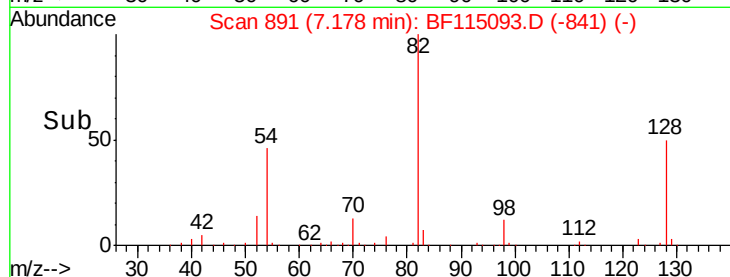
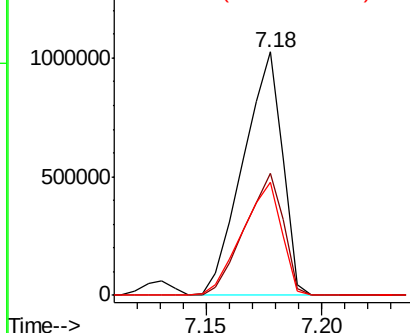
Tot Ion	82	Resp	1221623
Ion Ratio	100	Lower	Upper
82	100		
128	50.0	40.4	60.6
54	46.6	37.5	56.3

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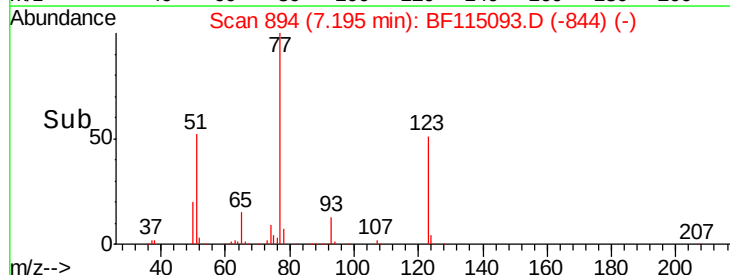
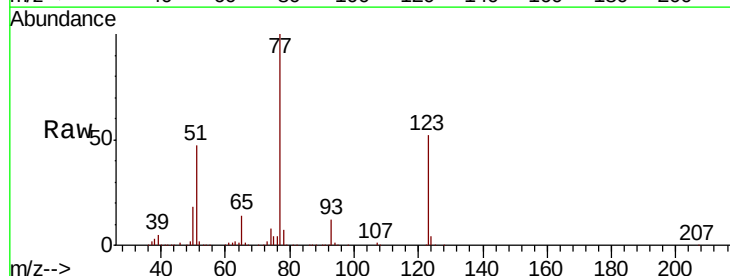
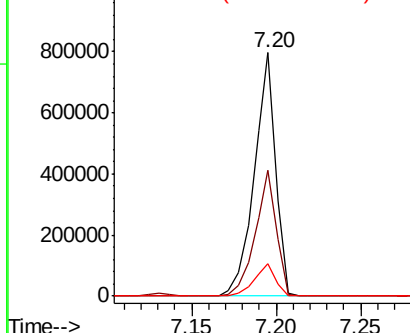
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

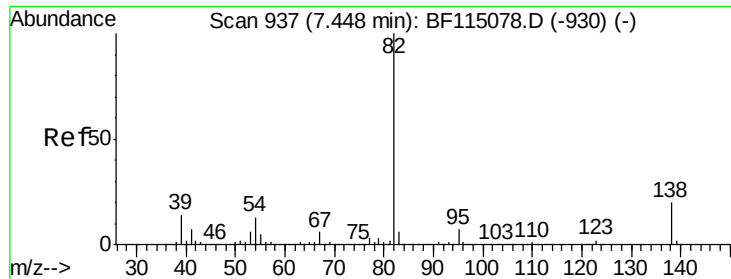


#24
Nitrobenzene
Concen: 43.701 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	77	Resp	704941
Ion Ratio	100	Lower	Upper
77	100		
123	51.8	41.0	61.6
65	13.5	10.5	15.7

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.042 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampled :

PB120753BS

Tot Ion: 82 Resp: 1321044

Ion Ratio Lower Upper

82 100

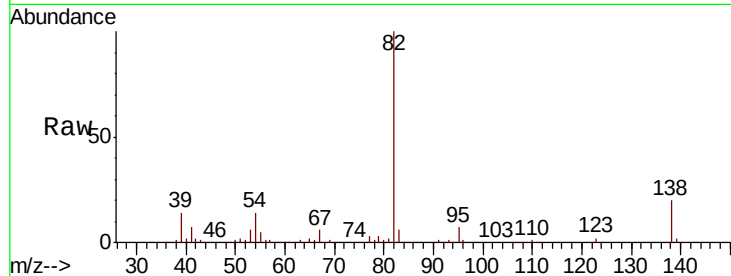
95 6.8 5.4 8.2

138 19.7 15.9 23.9

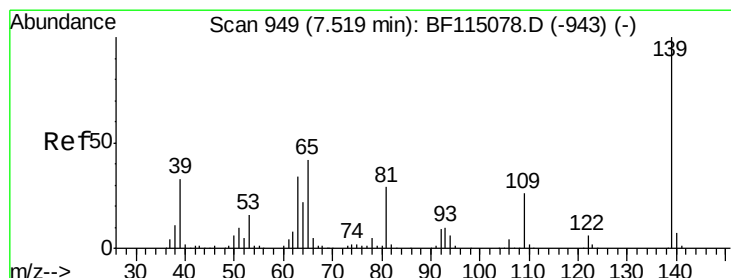
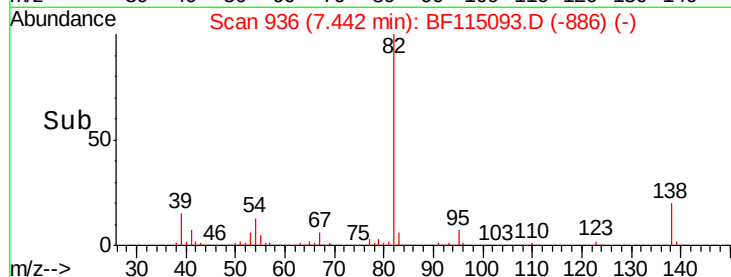
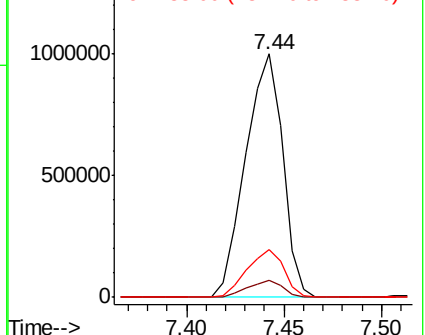
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.782 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

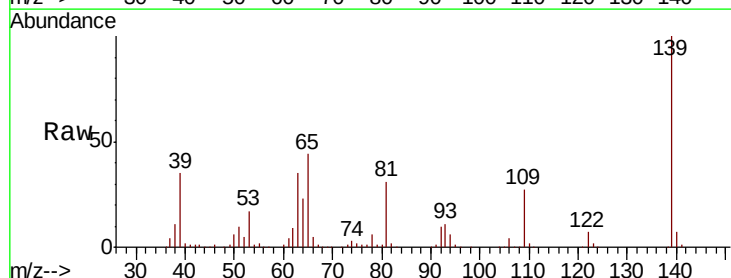
Tgt Ion: 139 Resp: 372672

Ion Ratio Lower Upper

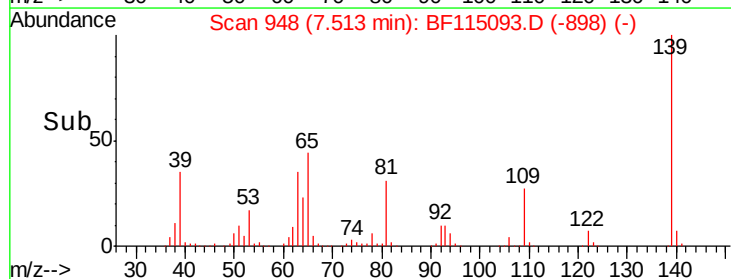
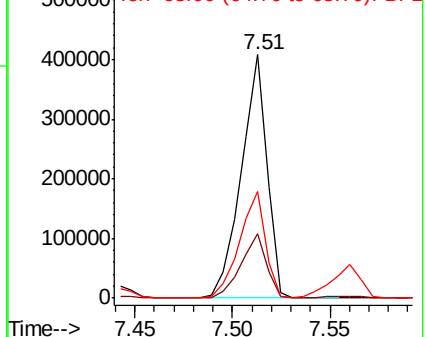
139 100

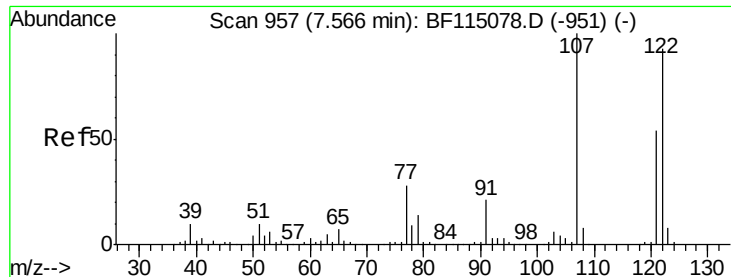
109 26.5 20.4 30.6

65 43.8 33.6 50.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





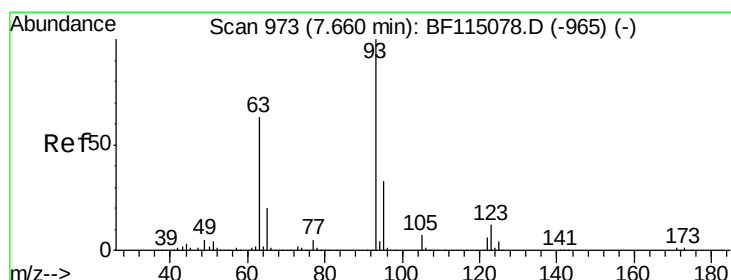
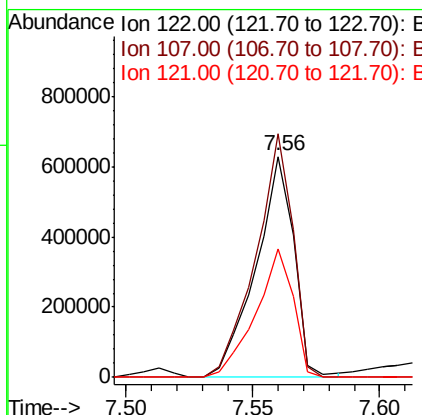
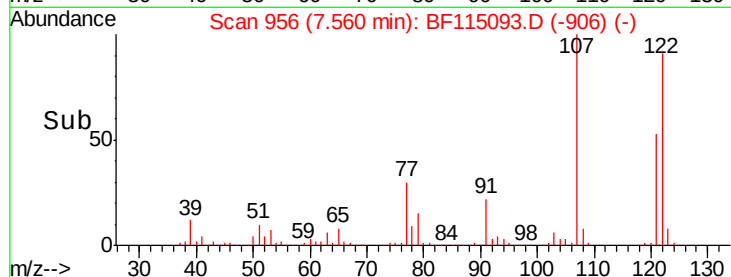
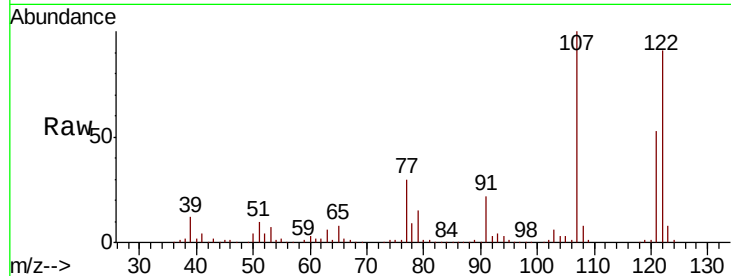
#27
 2,4-Dimethylphenol
 Concen: 50.583 ng
 RT: 7.56 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	659755		
107	110.3	85.8	128.6	
121	58.3	46.3	69.5	

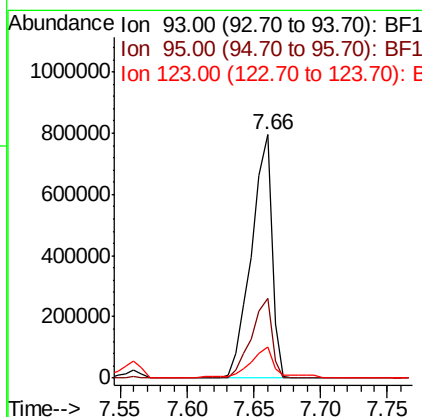
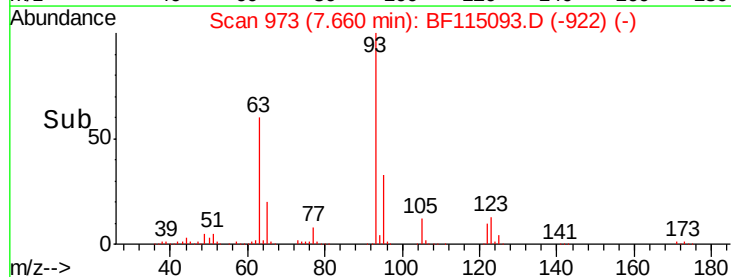
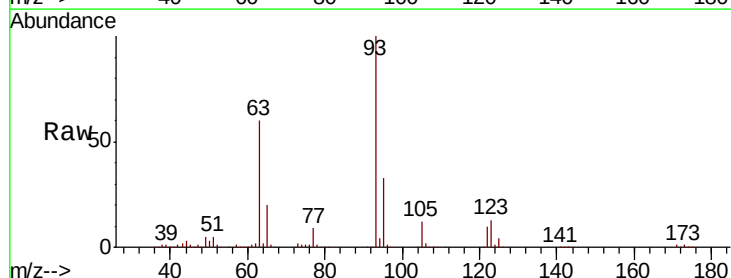
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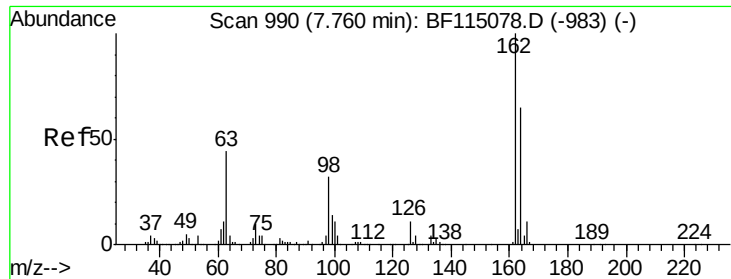
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.053 ng
 RT: 7.66 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	835161		
95	33.0	26.2	39.4	
123	12.9	9.7	14.5	





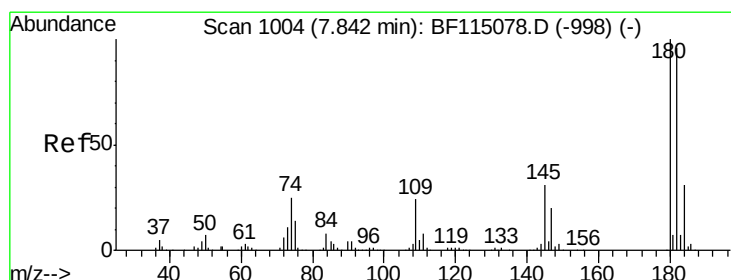
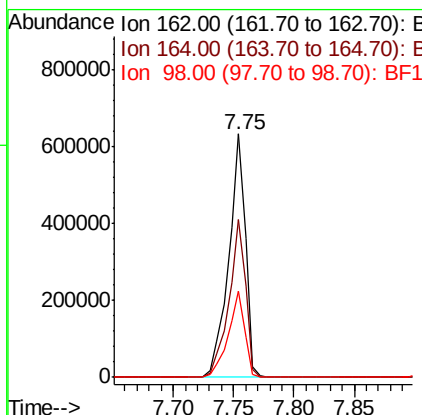
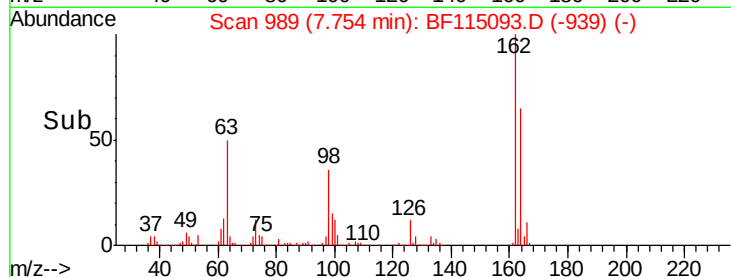
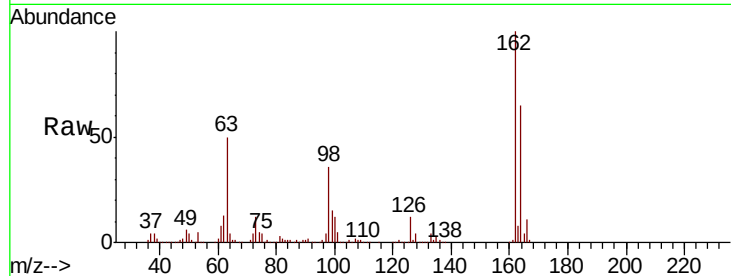
#29
 2,4-Dichlorophenol
 Concen: 45.406 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	611169		
164	64.9	45.3	85.3	
98	35.5	12.5	52.5	

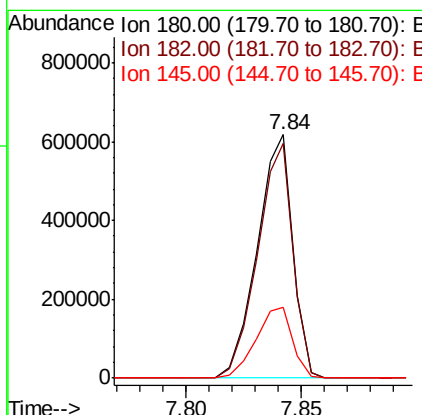
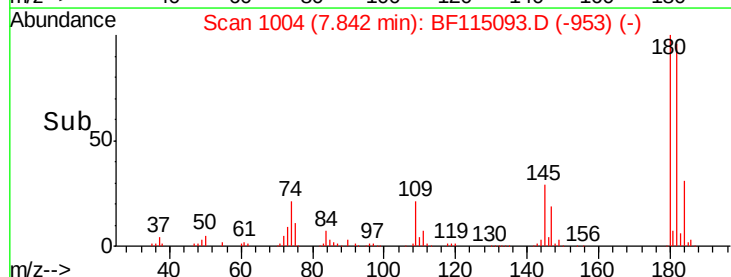
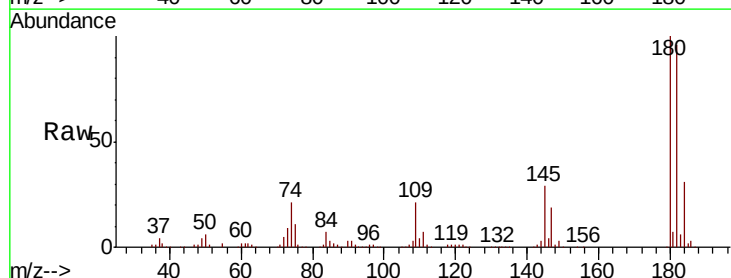
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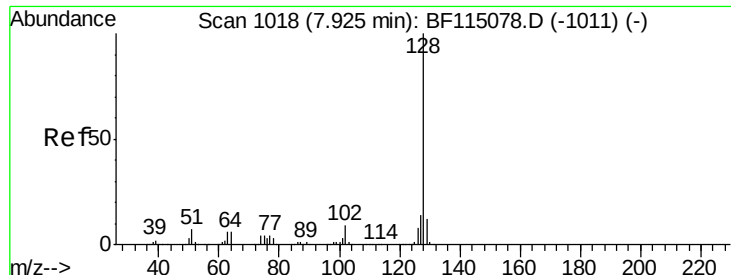
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.292 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	658522		
182	96.2	76.4	114.6	
145	29.3	24.8	37.2	





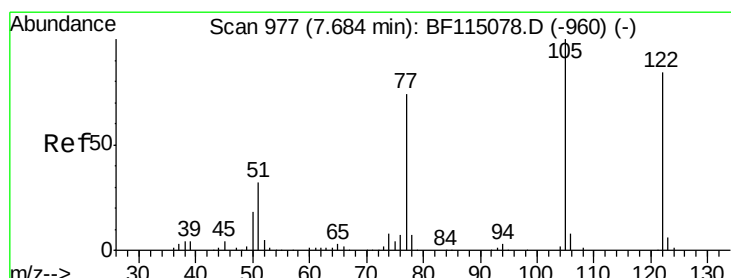
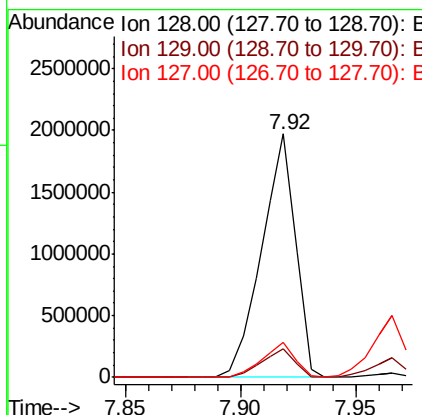
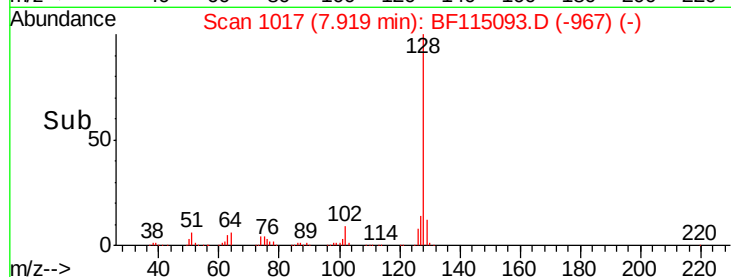
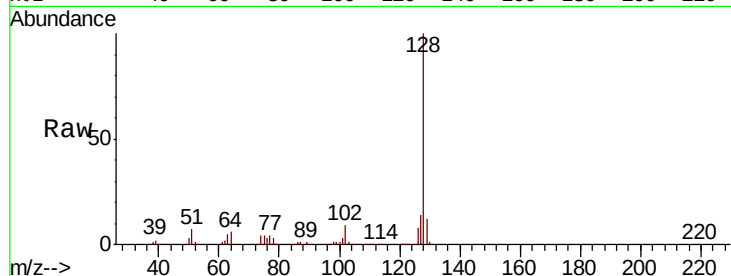
#31
Naphthalene
Concen: 45.394 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampled :
PB120753BS

Tot Ion:128 Resp: 2007030
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.2 11.4 17.0

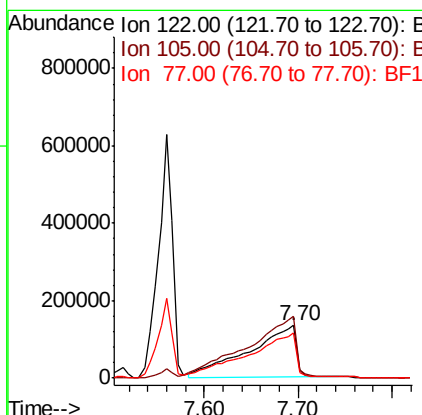
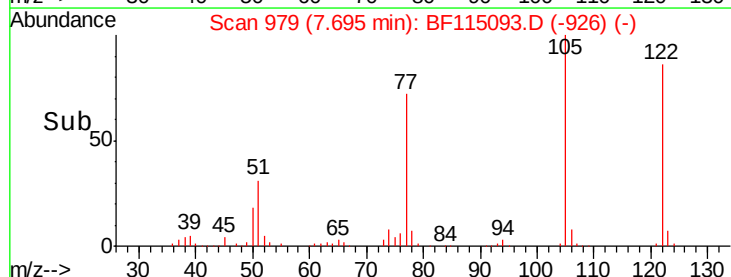
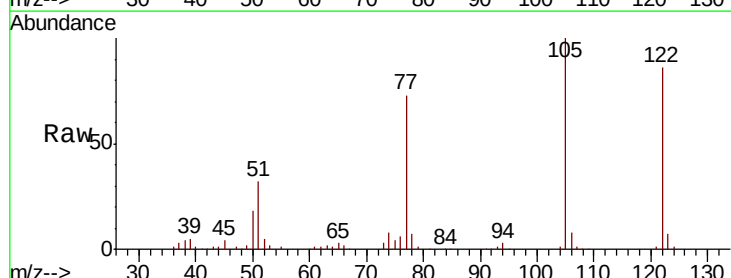
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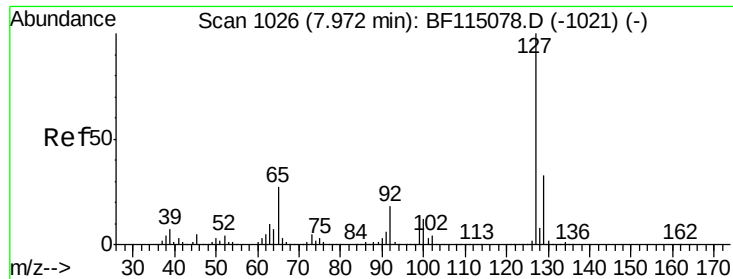
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#32
Benzoic acid
Concen: 50.616 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:122 Resp: 471245
Ion Ratio Lower Upper
122 100
105 116.9 98.2 138.2
77 85.4 67.0 107.0





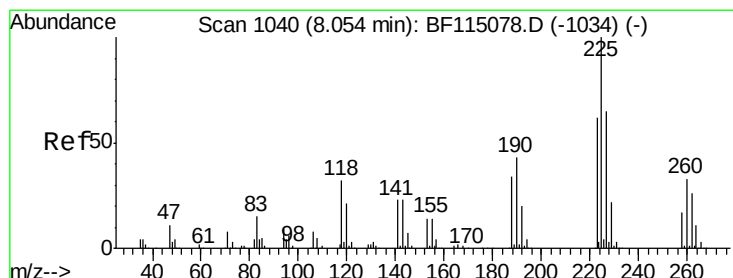
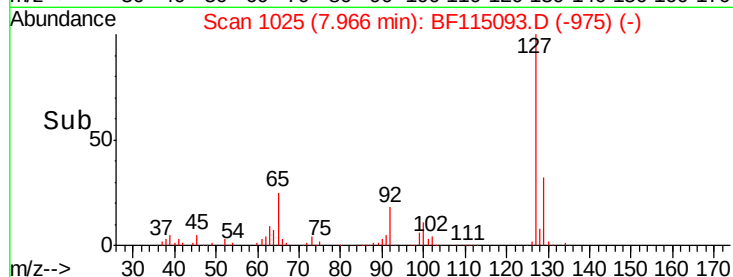
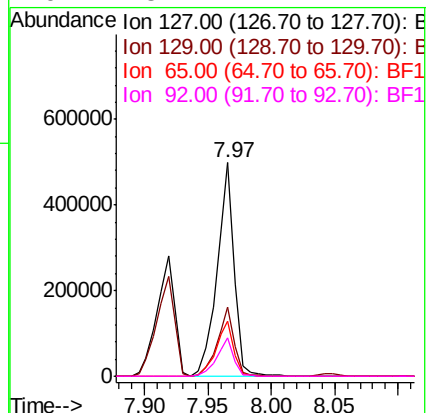
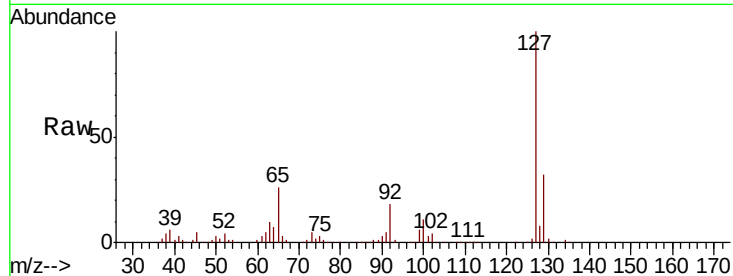
#33
4-Chloroaniline
Concen: 23.616 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		477203		
129	32.4	26.1	39.1		
65	26.0	21.4	32.2		
92	18.1	14.1	21.1		

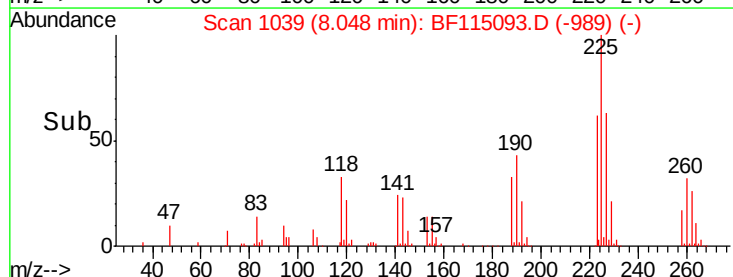
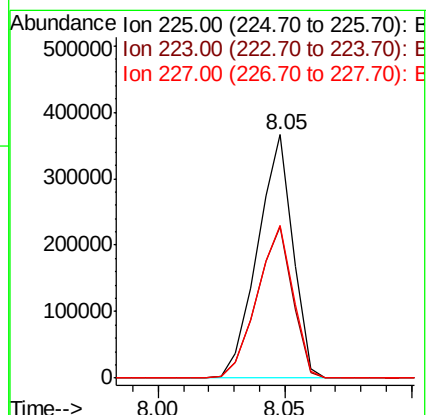
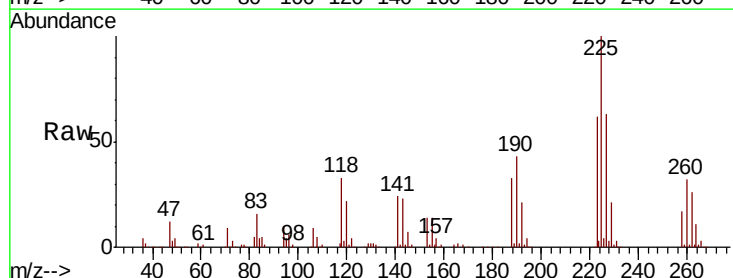
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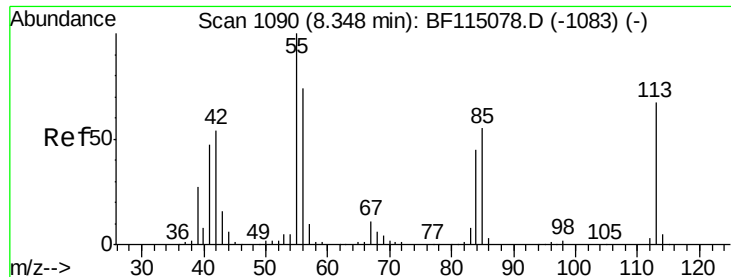
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#34
Hexachlorobutadiene
Concen: 43.306 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		352840		
223	62.0	49.4	74.2		
227	62.9	51.8	77.8		





#35

Caprolactam

Concen: 43.835 ng/mL

RT: 8.34 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

Tot Ion: 113 Resp: 198371

Ion Ratio Lower Upper

113 100

55 158.0 130.2 170.2

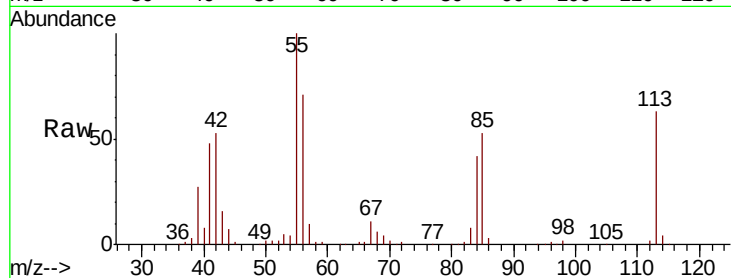
56 112.6 91.6 131.6

Manual Integrations

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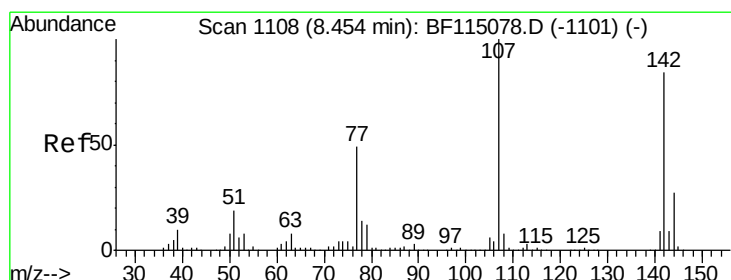
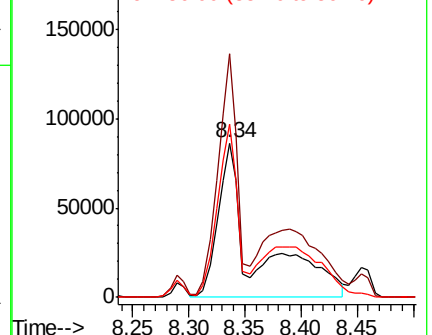
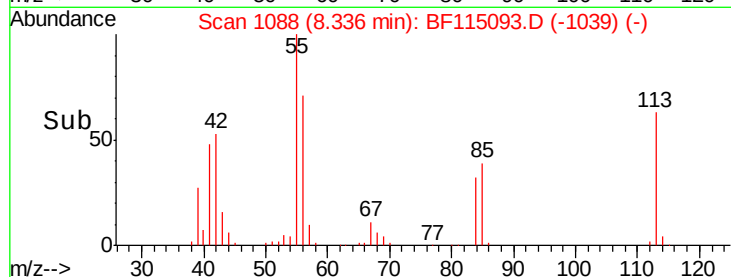
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.302 ng/mL

RT: 8.45 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

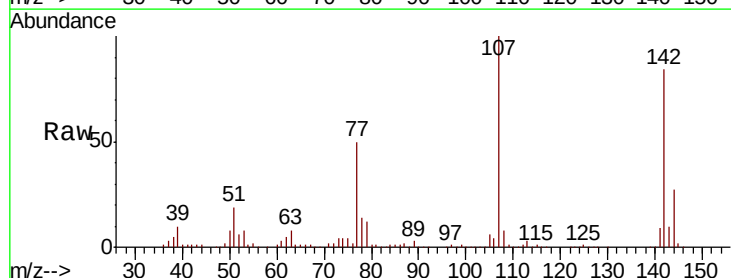
Tgt Ion: 107 Resp: 617536

Ion Ratio Lower Upper

107 100

144 27.3 21.7 32.5

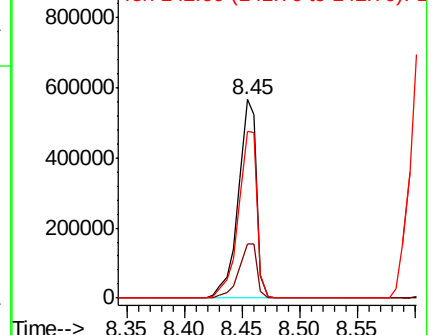
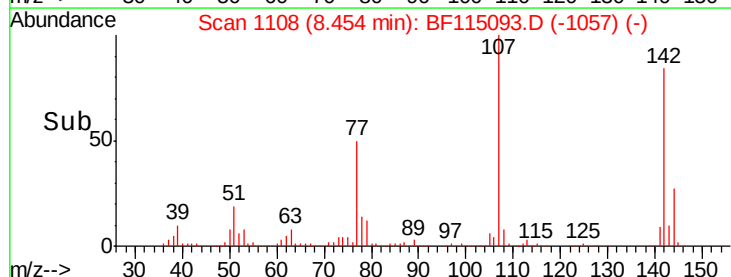
142 84.2 67.0 100.4

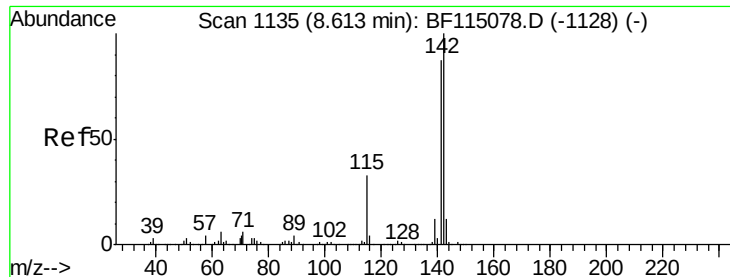


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





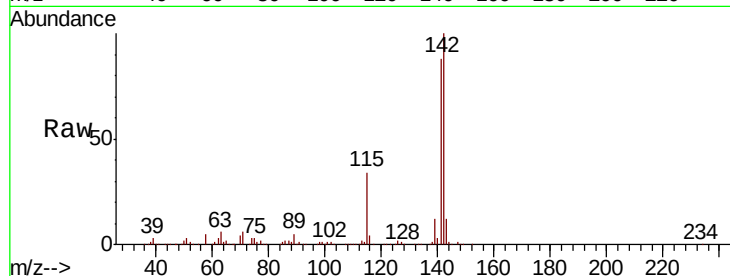
#37
2-Methylnaphthalene
Concen: 46.561 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

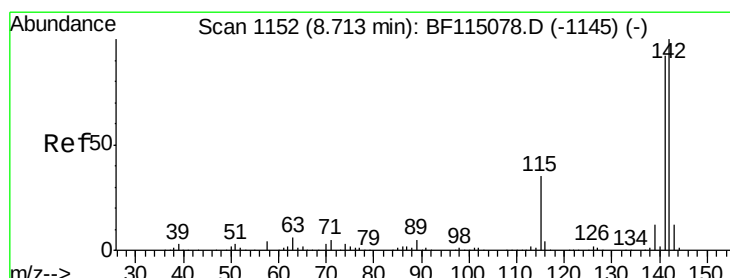
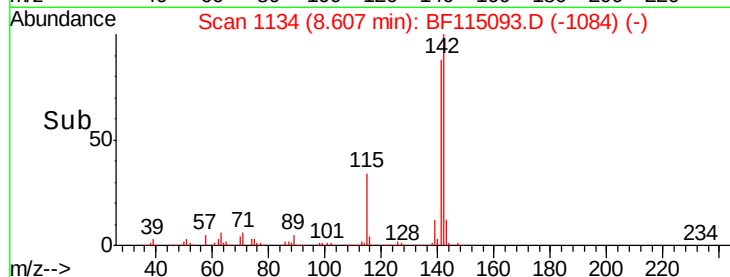
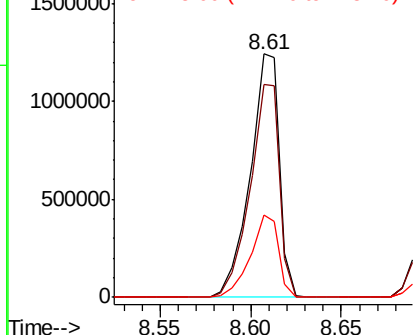
Tot Ion:142 Resp: 1388043
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.6
115 33.7 26.7 40.1

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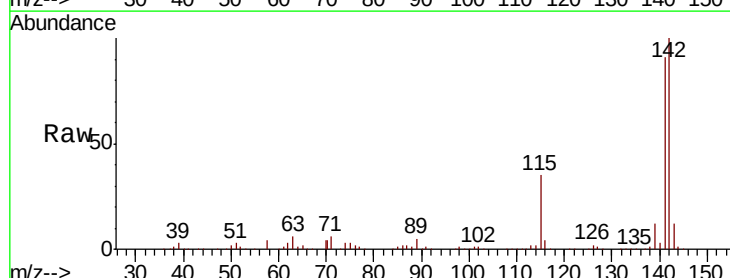


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

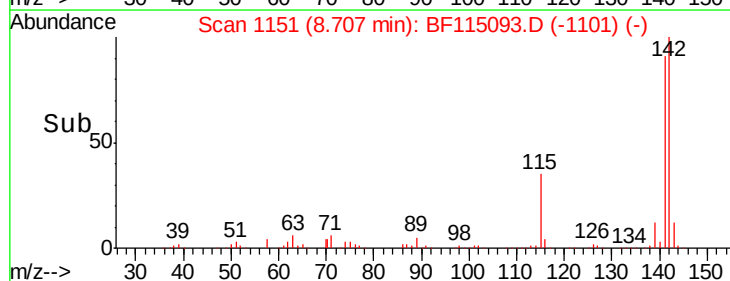
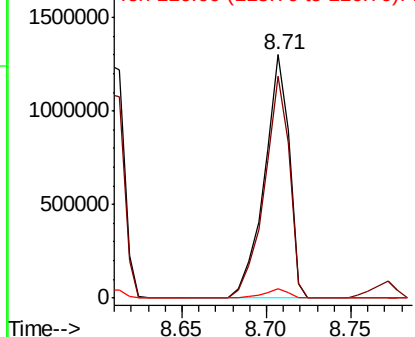


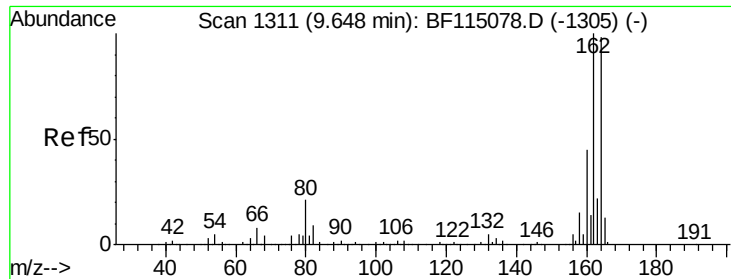
#38
1-Methylnaphthalene
Concen: 46.228 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion:142 Resp: 1316205
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.8
116 3.7 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





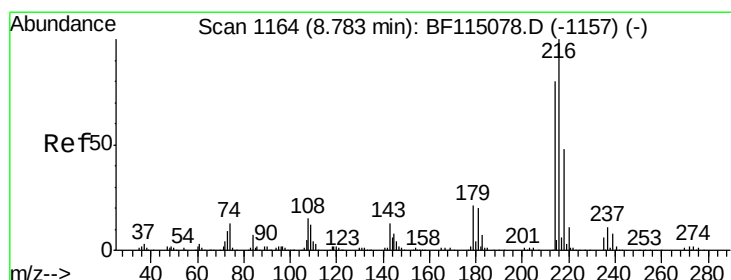
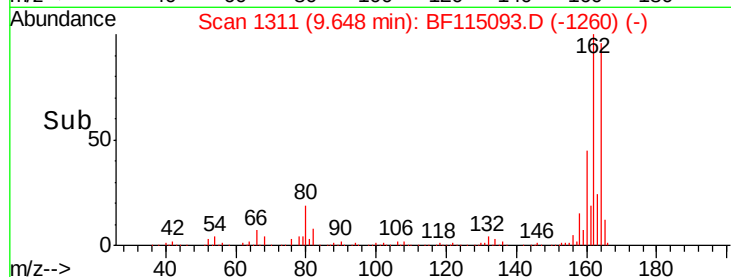
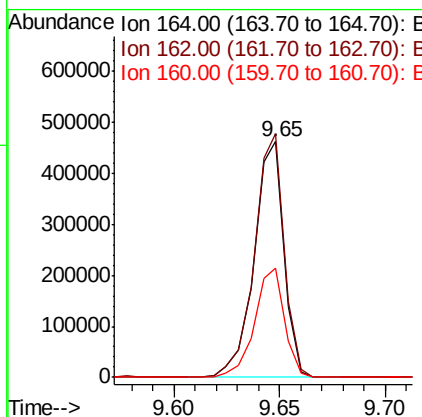
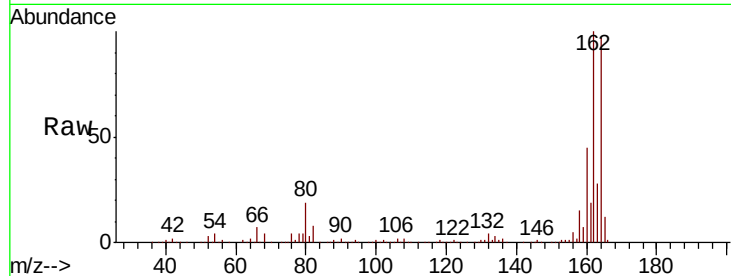
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.7	122.5
160	46.4	37.0	55.4

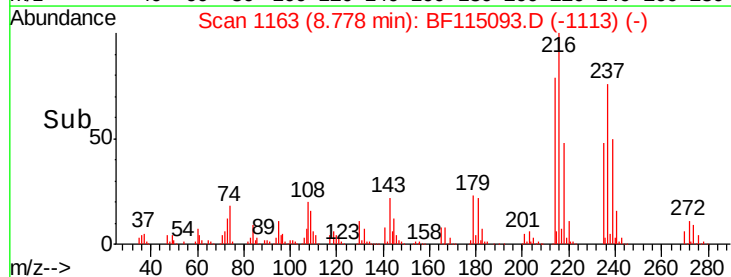
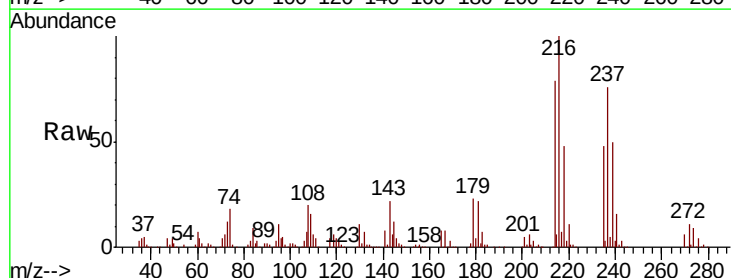
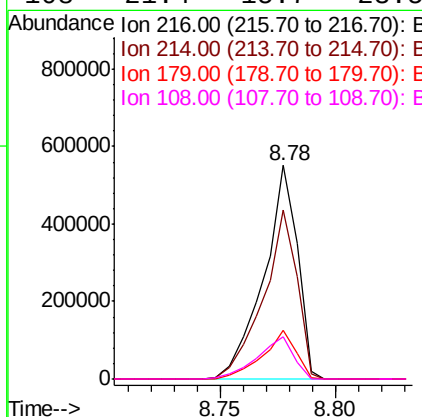
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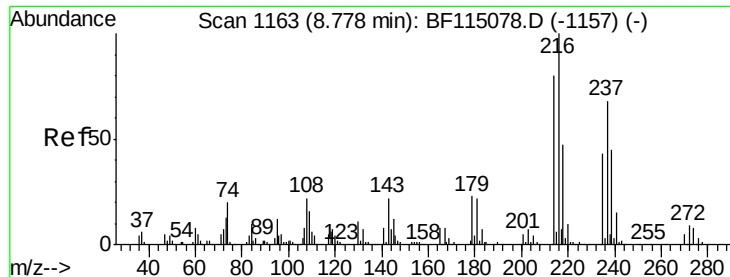
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.593 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	22.1	17.6	26.4
108	21.4	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 90.535 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

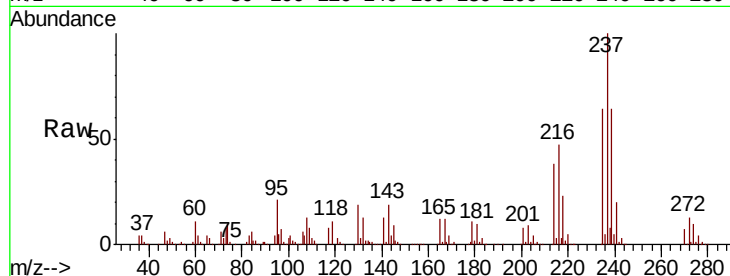
ClientSampleId :

PB120753BS

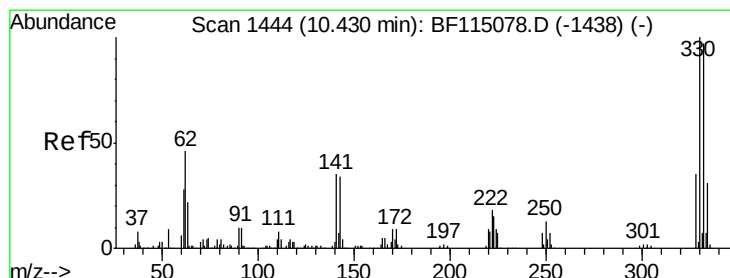
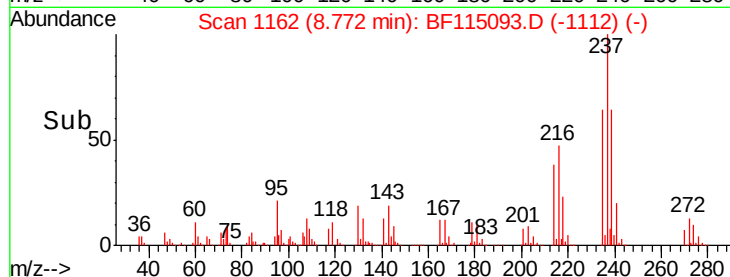
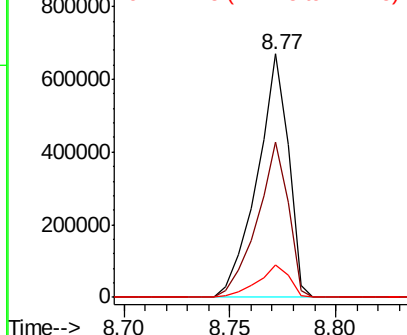
Tot Ion:	237	Resp:	688560
Ion Ratio		Lower	Upper
237	100		
235	63.9	43.9	83.9
272	13.1	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 121.927 ng

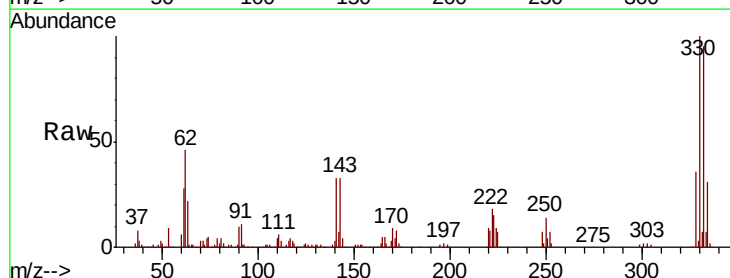
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

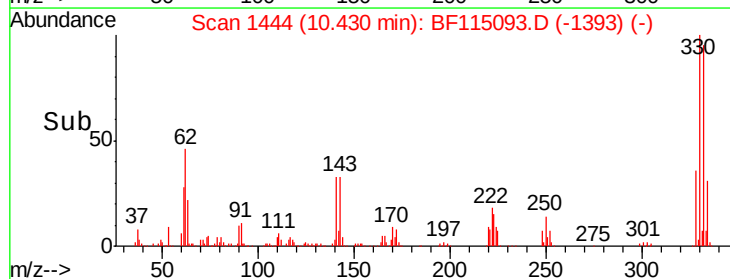
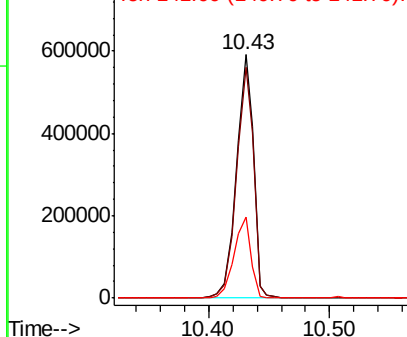
Lab File: BF115093.D

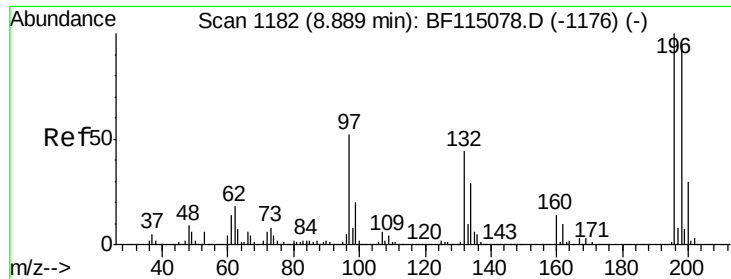
Acq: 21 Jun 2019 22:18

Tgt Ion:	330	Resp:	583597
Ion Ratio		Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.4	28.2	42.2



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





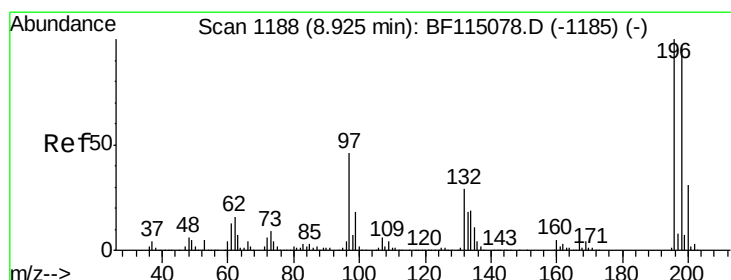
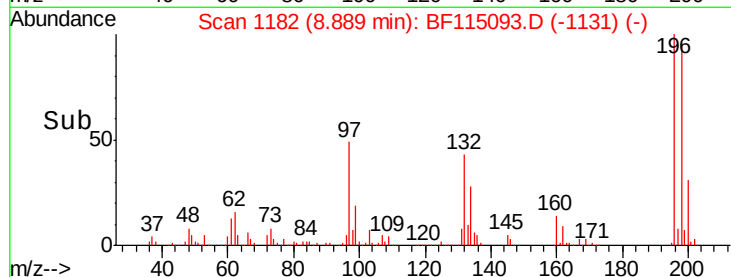
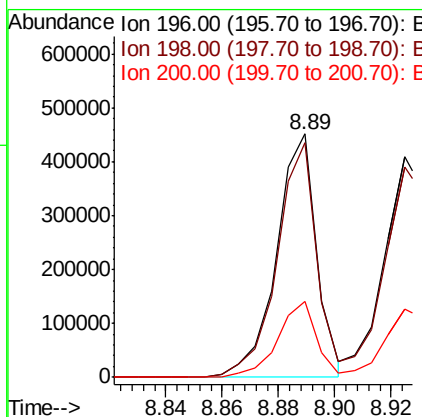
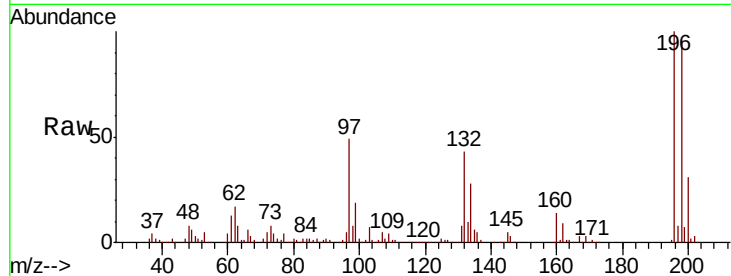
#43
 2,4,6-Trichlorophenol
 Concen: 44.918 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	444789		
198	96.4	76.3	114.5	
200	31.1	24.2	36.4	

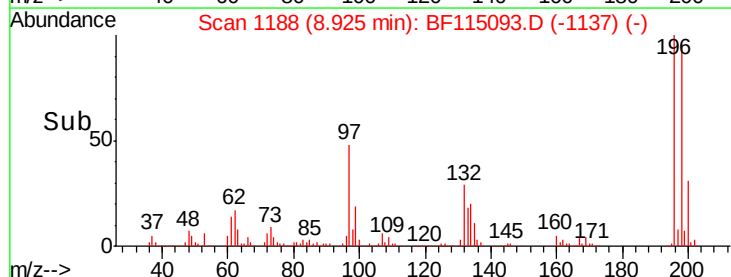
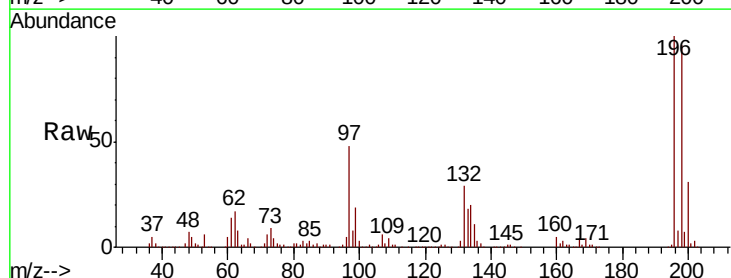
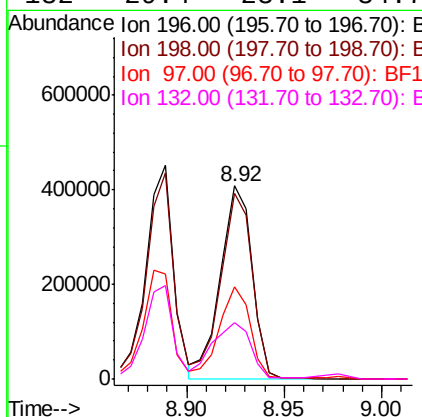
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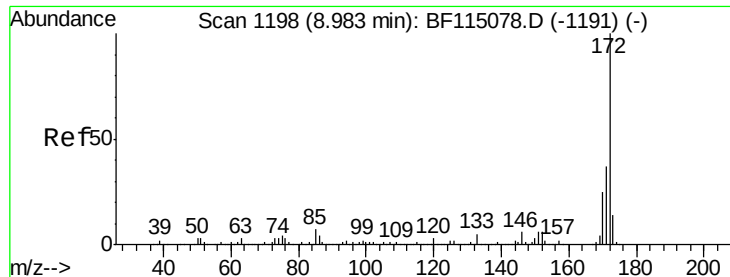
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#44
 2,4,5-Trichlorophenol
 Concen: 45.120 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	460108		
198	95.9	77.1	115.7	
97	47.7	37.7	56.5	
132	29.4	23.1	34.7	





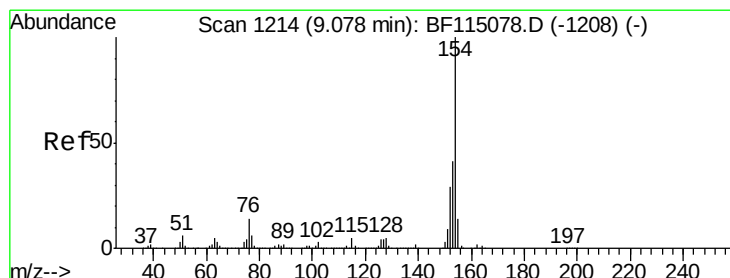
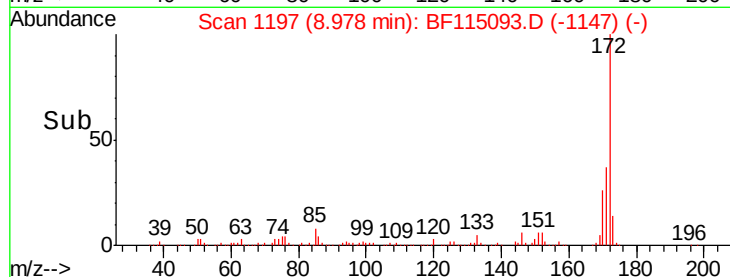
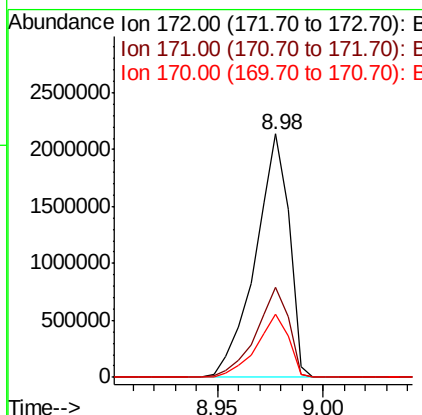
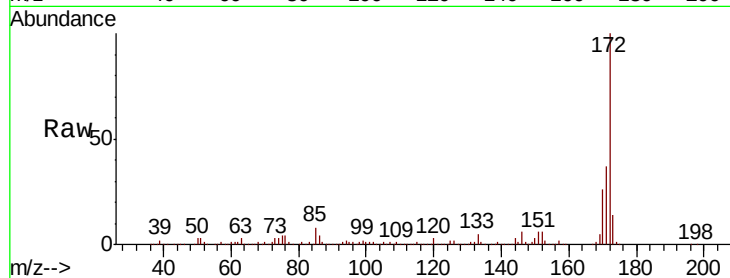
#45
2-Fluorobiphenyl
Concen: 88.868 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampled :
PB120753BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.7	20.3	30.5

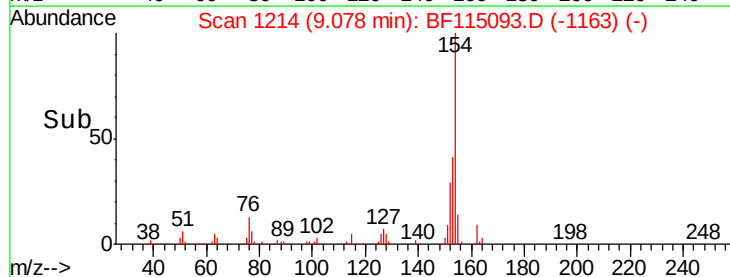
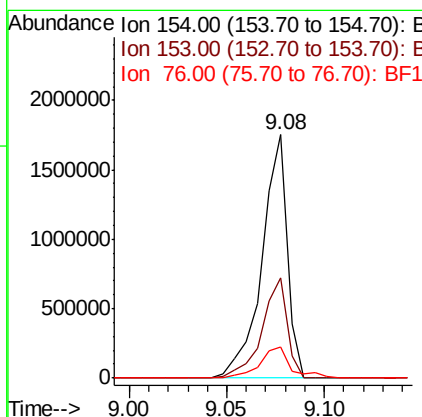
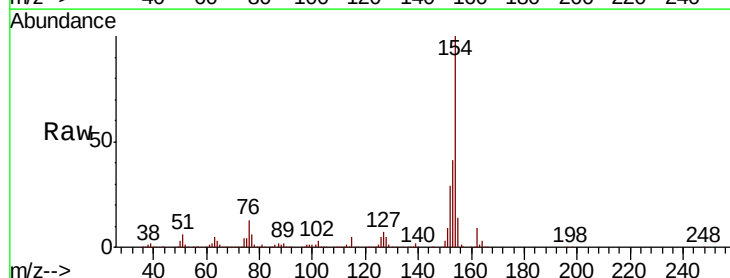
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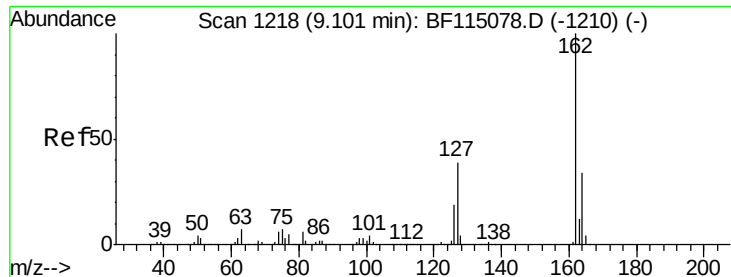
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#46
1,1'-Biphenyl
Concen: 43.524 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	12.7	0.0	34.1





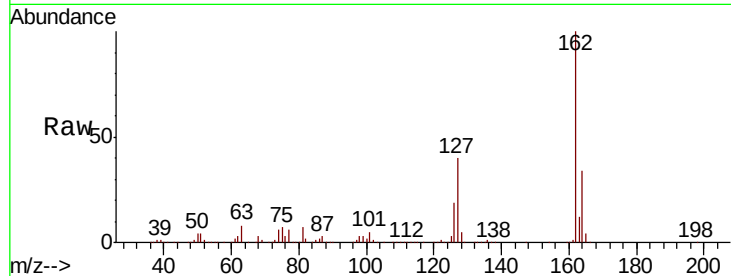
#47
 2-Chloronaphthalene
 Concen: 43.474 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

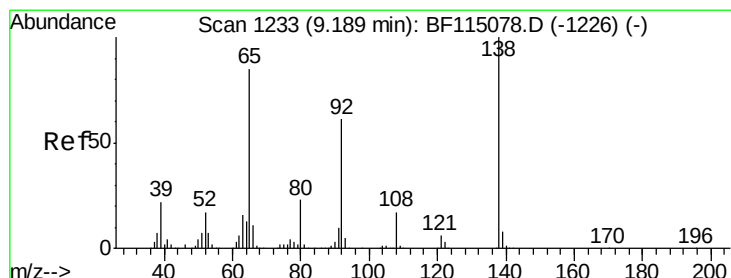
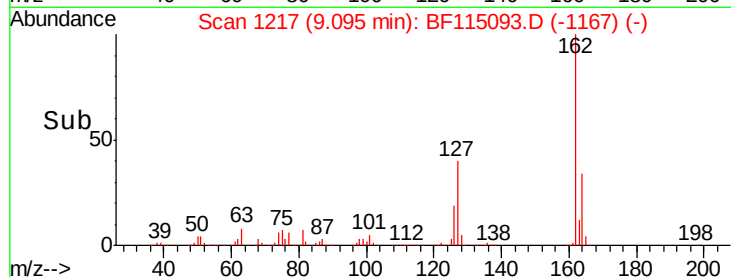
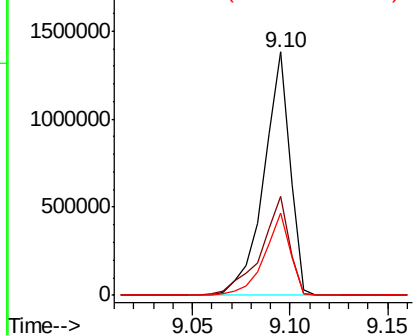
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.8	46.2
164	33.7	27.0	40.4

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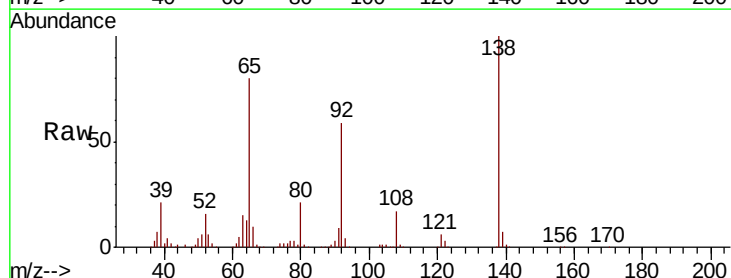


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

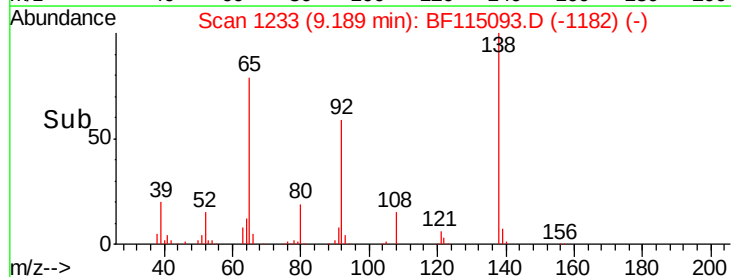
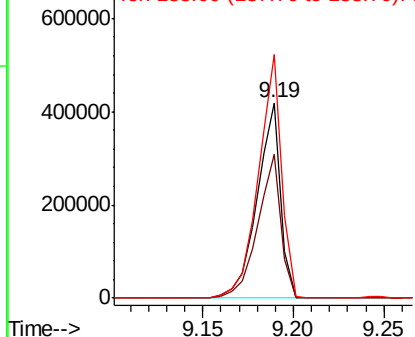


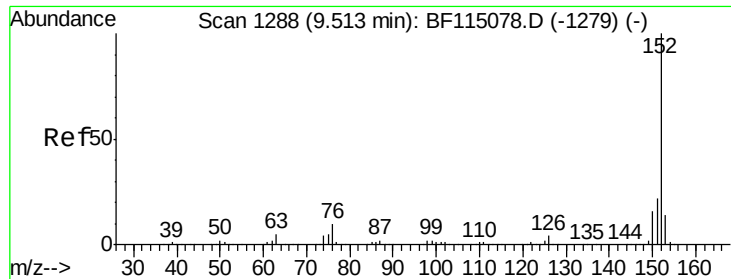
#48
 2-Nitroaniline
 Concen: 43.763 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.4	86.2
138	124.9	94.1	141.1



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.195 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampled :

PB120753BS

Tot Ion:152 Resp: 2028494

Ion Ratio Lower Upper

152 100

151 21.7 17.2 25.8

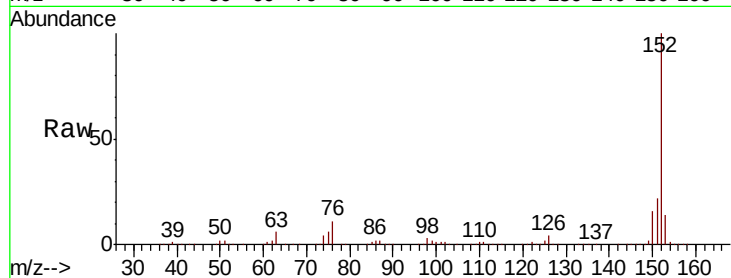
153 14.2 11.0 16.6

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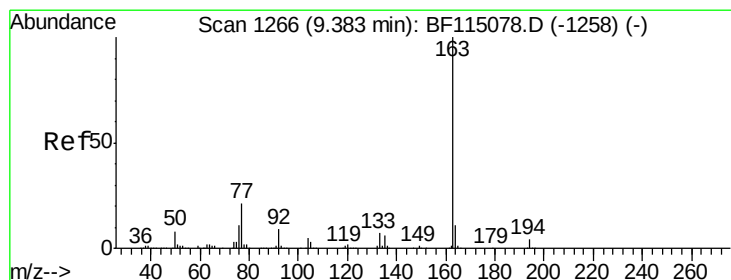
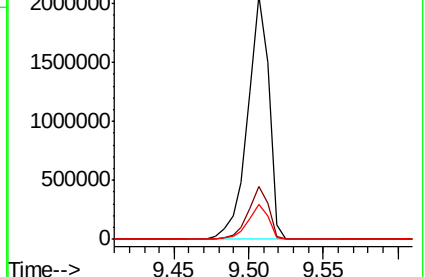
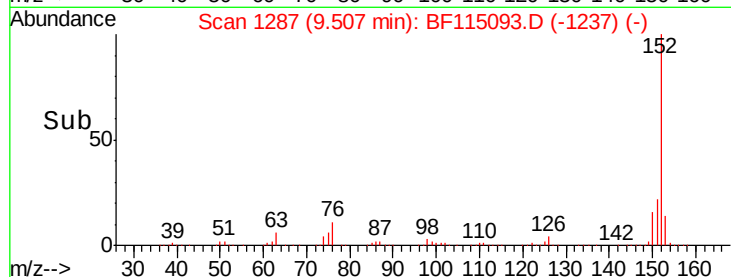
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.122 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

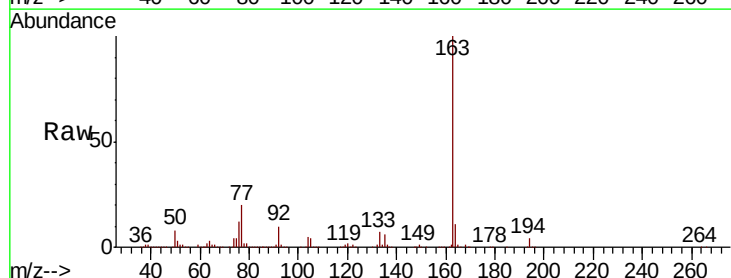
Tgt Ion:163 Resp: 1473398

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

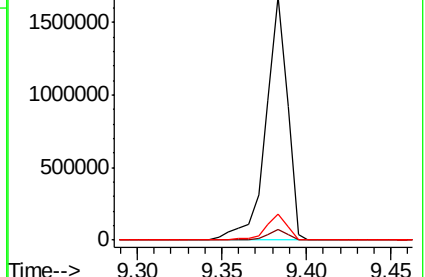
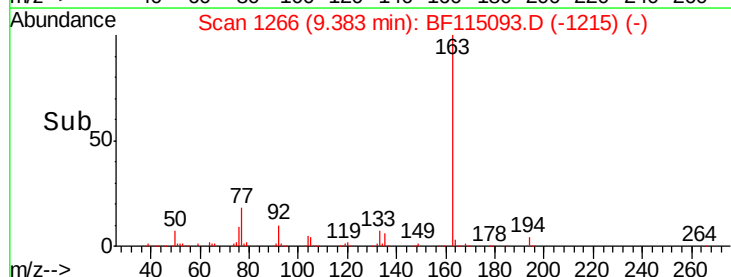
164 10.7 8.6 13.0

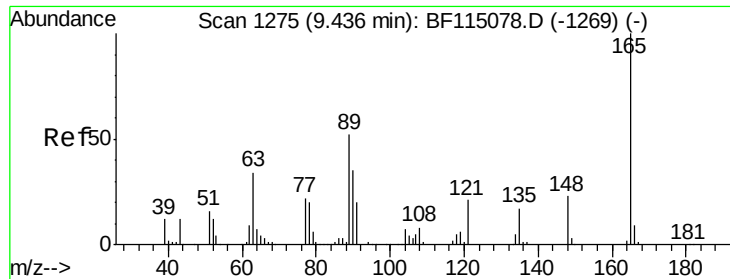


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





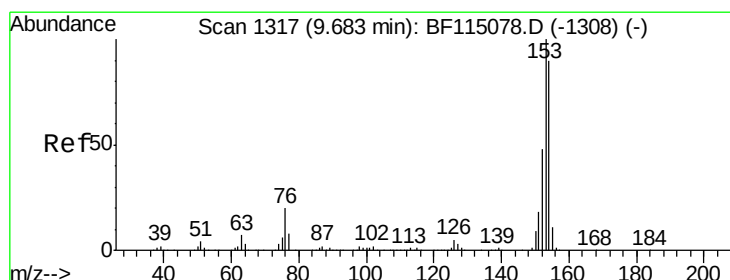
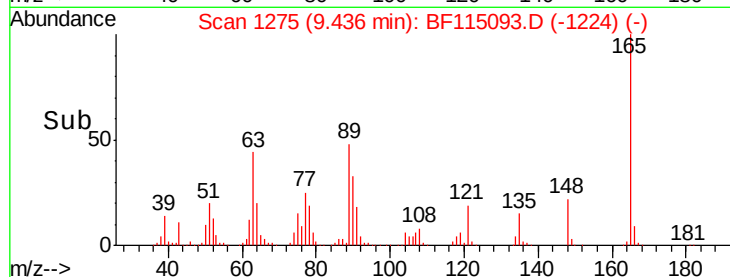
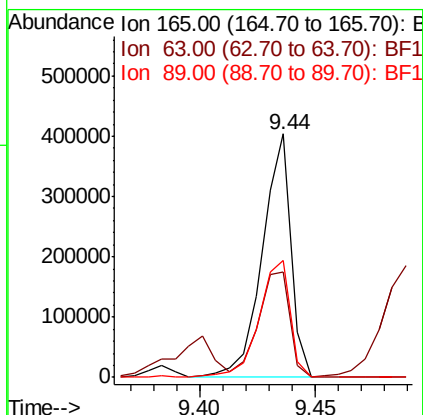
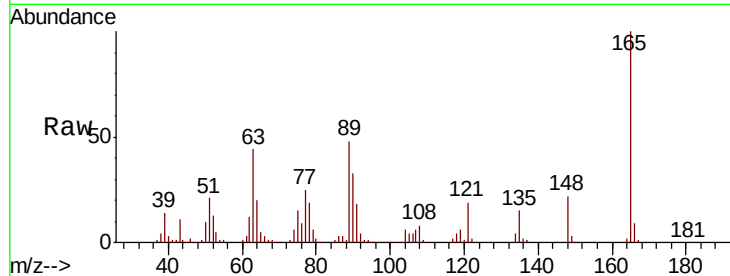
#51
2,6-Dinitrotoluene
Concen: 45.329 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	349468		
63	43.5	39.4	59.2	
89	47.9	42.0	63.0	

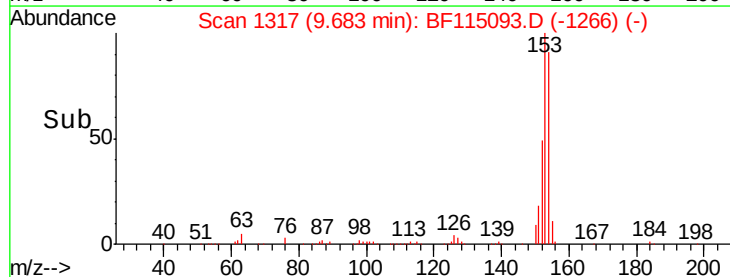
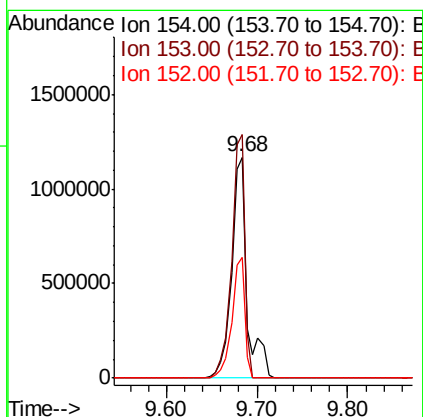
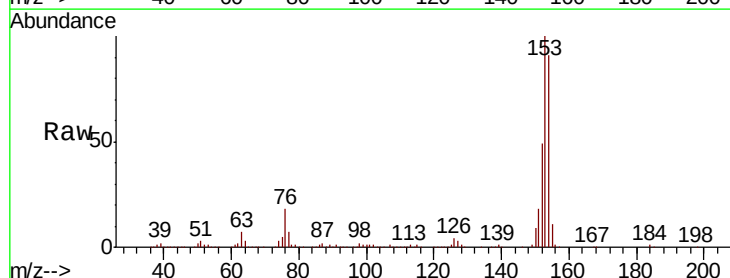
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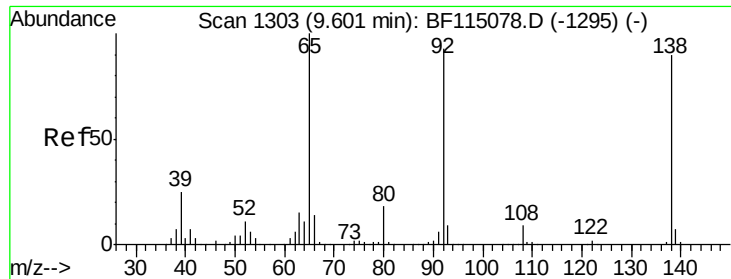
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#52
Acenaphthene
Concen: 48.402 ng
RT: 9.68 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1390158		
153	110.3	88.7	133.1	
152	54.4	42.6	64.0	





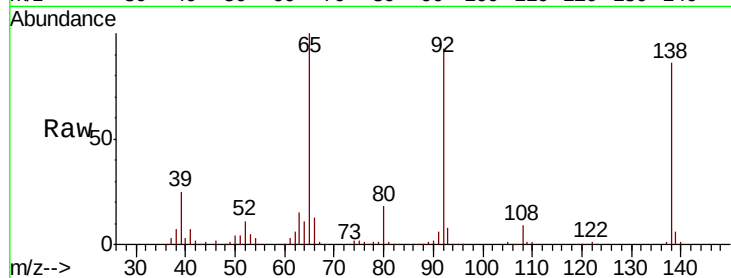
#53
3-Nitroaniline
Concen: 28.051 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.8	11.6
92	107.9	82.9	124.3

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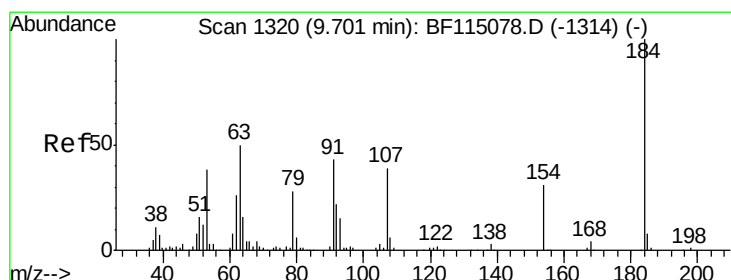
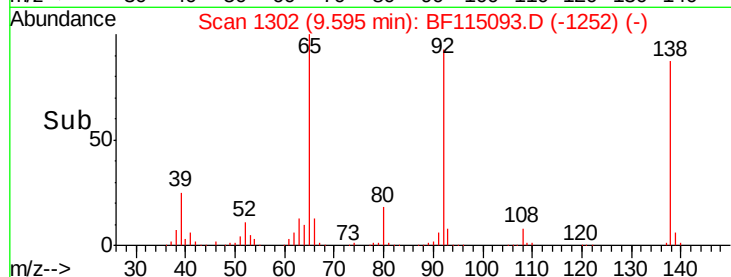
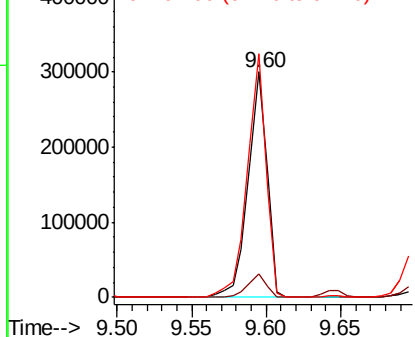


Abundance

Ion 138.00 (137.70 to 138.70): E

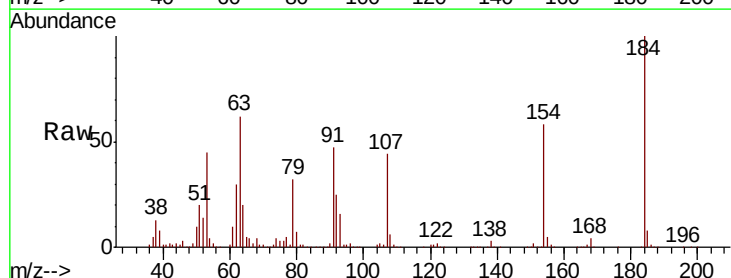
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 90.860 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.3	41.9	62.9
154	58.5	44.7	67.1

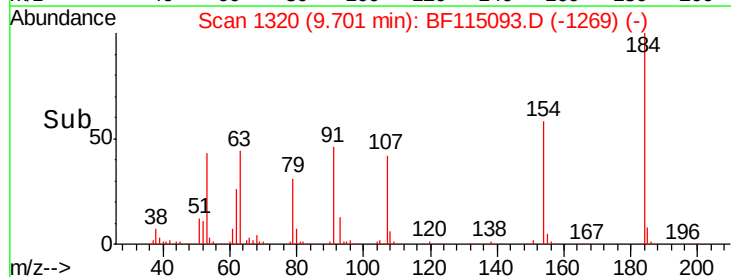
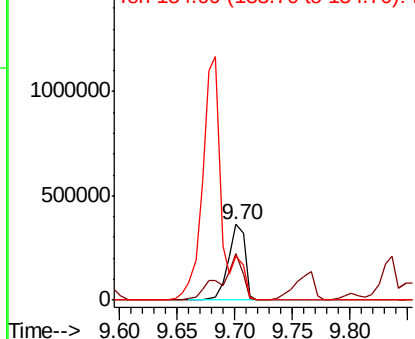


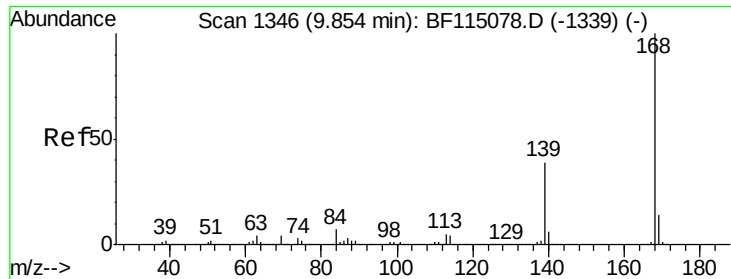
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





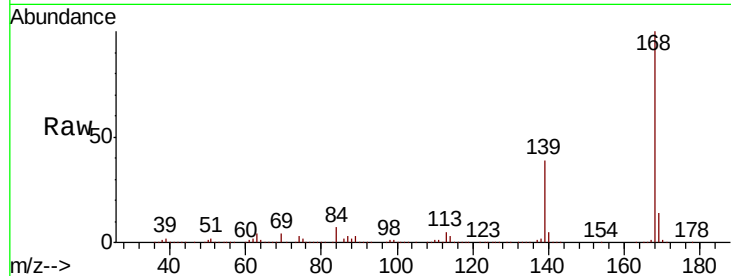
#55
Dibenzofuran
Concen: 42.892 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampled :
PB120753BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.1	46.7
169	14.0	11.3	16.9

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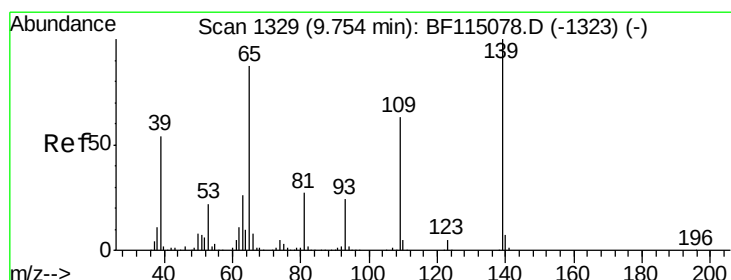
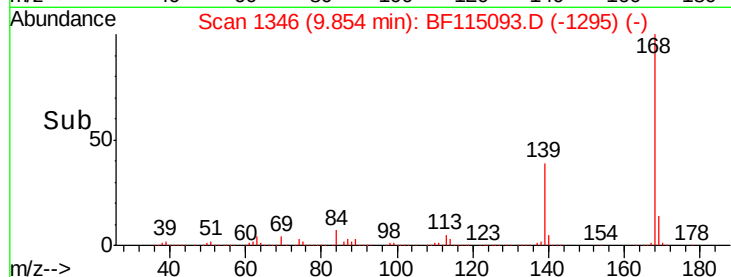
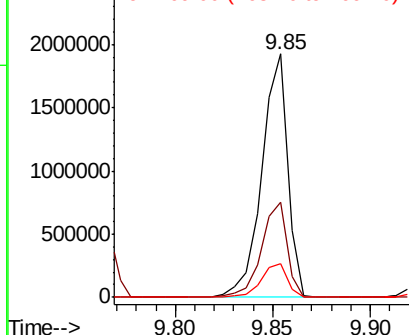


Abundance

Ion 168.00 (167.70 to 168.70): E

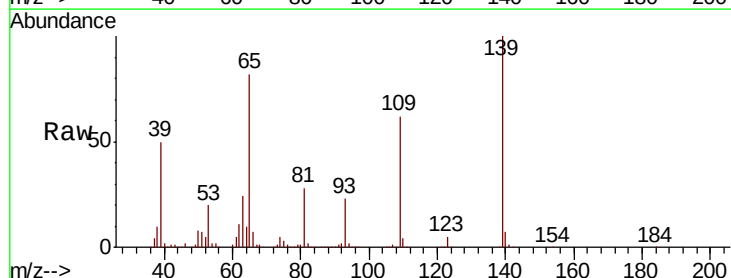
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 86.363 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	43.0	83.0
65	81.9	67.0	107.0

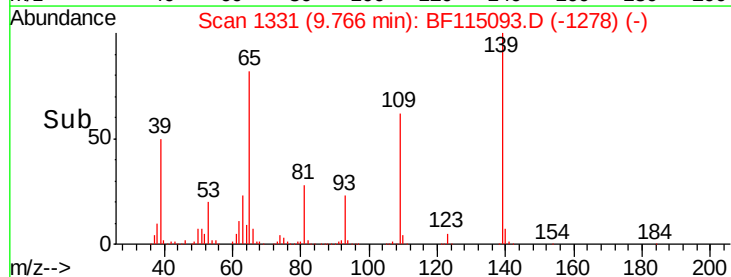
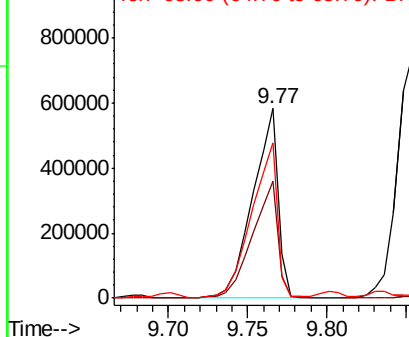


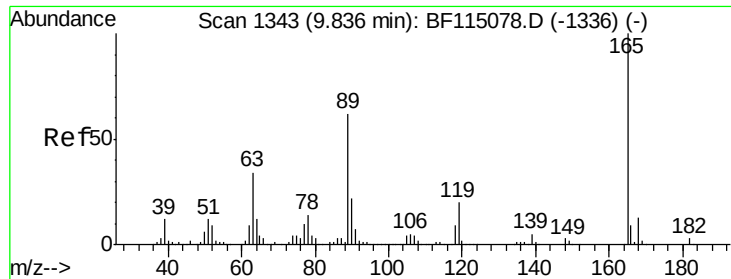
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





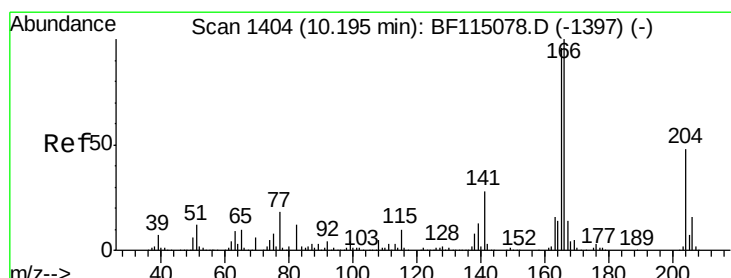
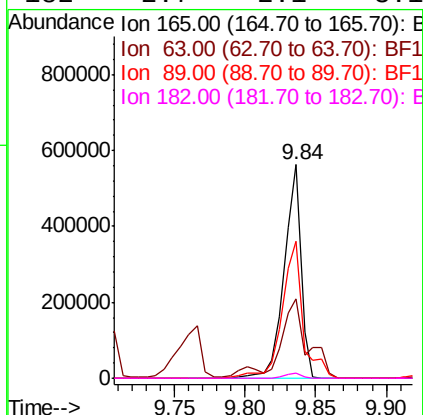
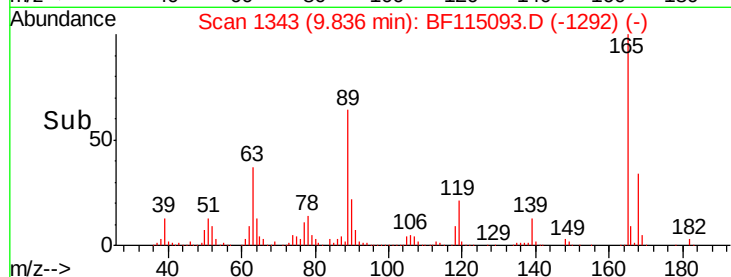
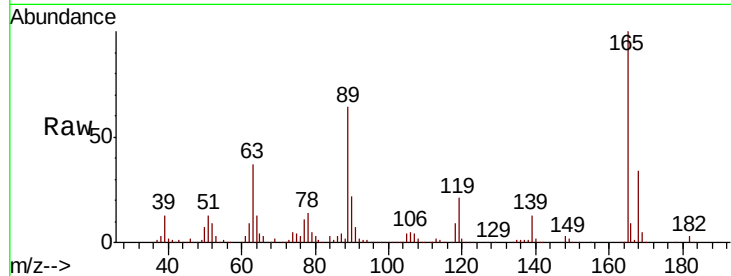
#57
2,4-Dinitrotoluene
Concen: 46.951 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		467377		
63	37.5	27.5	41.3		
89	64.0	49.9	74.9		
182	2.7	2.1	3.1		

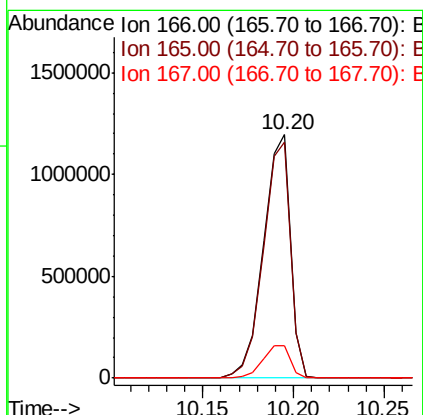
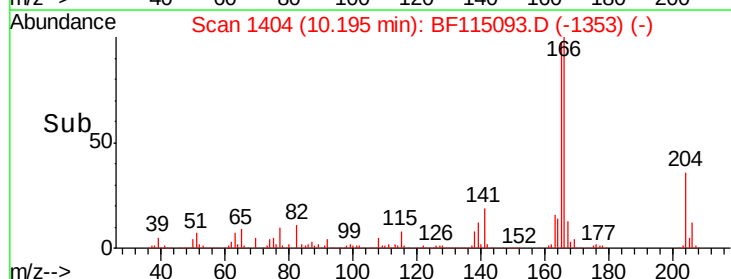
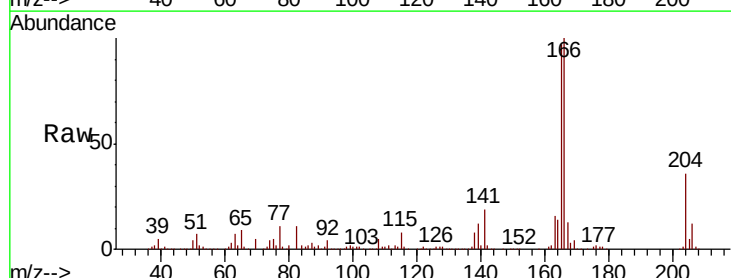
Manual Integrations
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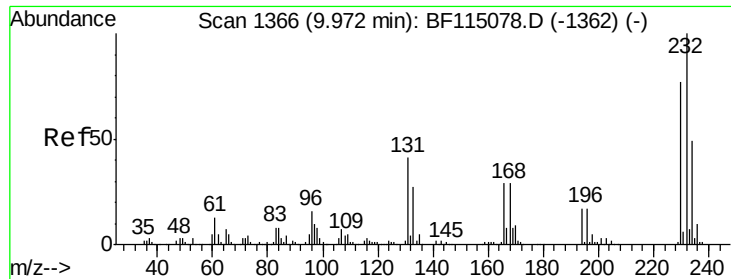
mohammad
6/25/2019 12:41:20 PM



#58
Fluorene
Concen: 45.110 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1237623		
165	97.0	76.5	114.7		
167	13.4	11.0	16.4		





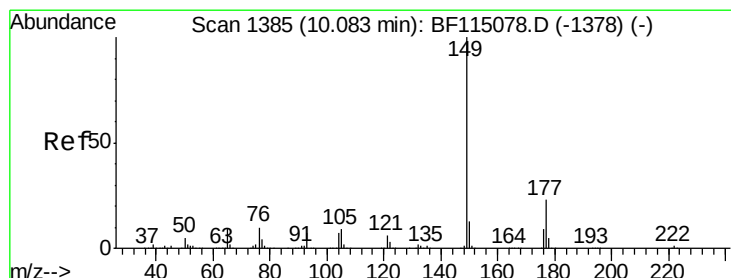
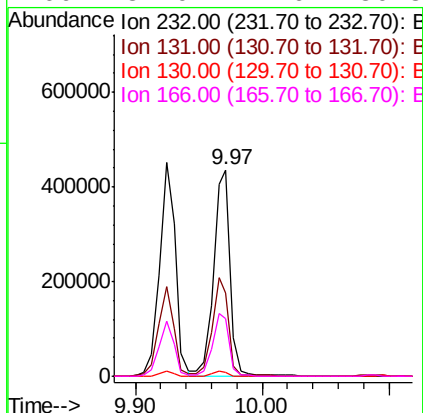
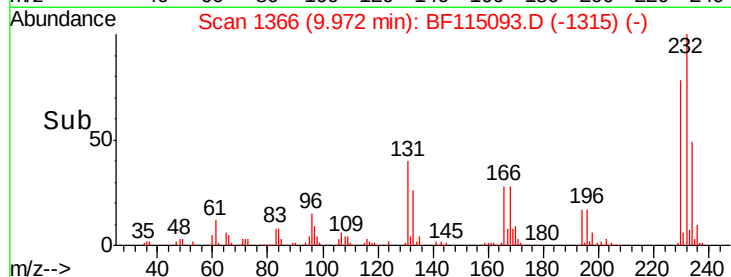
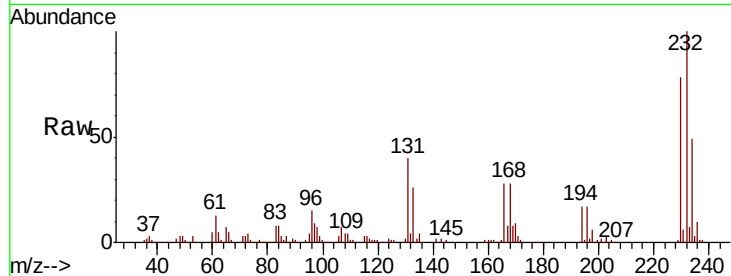
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.121 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	402920		
131	46.2	37.4	56.0	
130	2.2	1.8	2.6	
166	31.0	24.6	36.8	

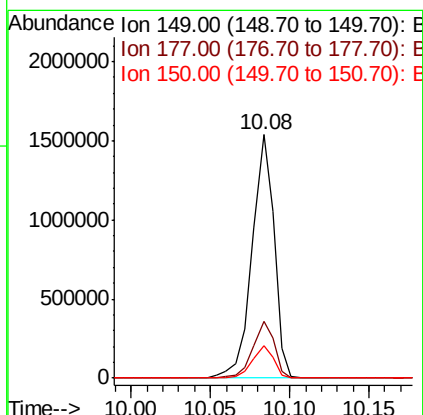
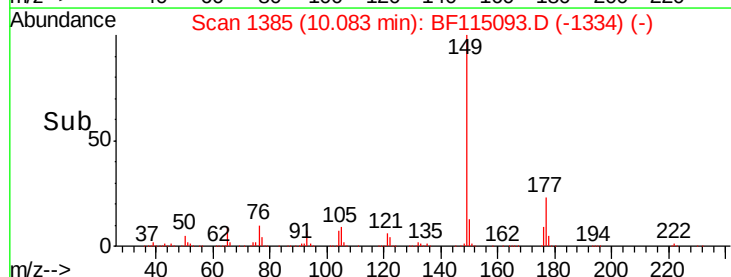
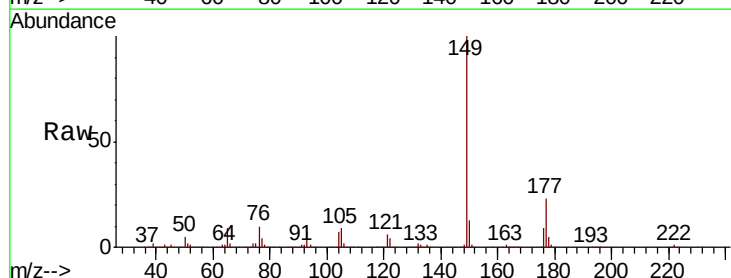
Manual Integrations
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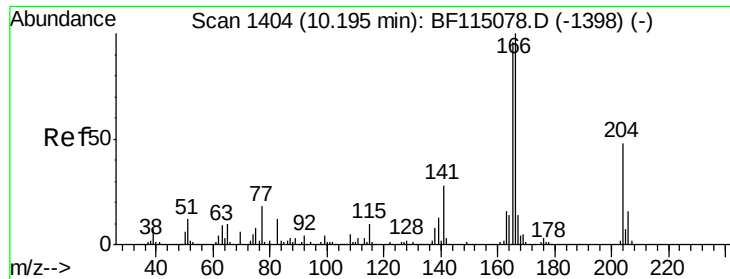
mohammad
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#60
Diethylphthalate
Concen: 44.264 ng
RT: 10.08 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1485850		
177	23.5	18.7	28.1	
150	13.4	10.4	15.6	





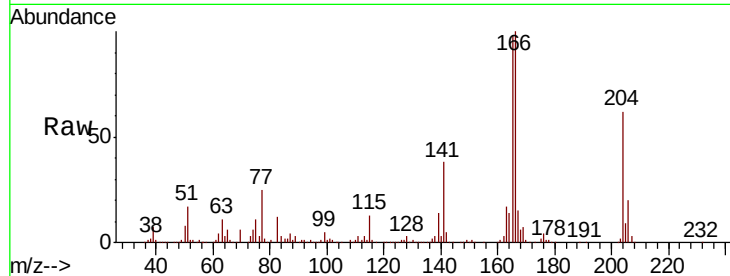
#61
4-Chlorophenyl-phenylether
Concen: 46.270 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	40.0
141	62.4	46.7	70.1

Manual Integrations
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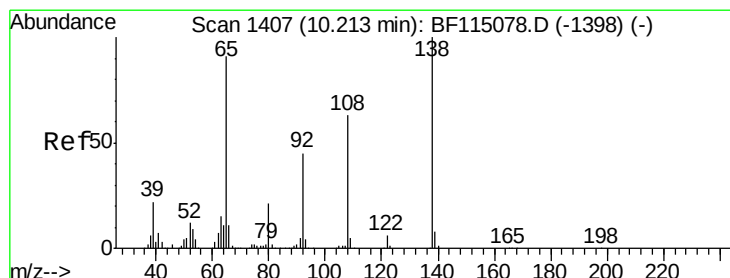
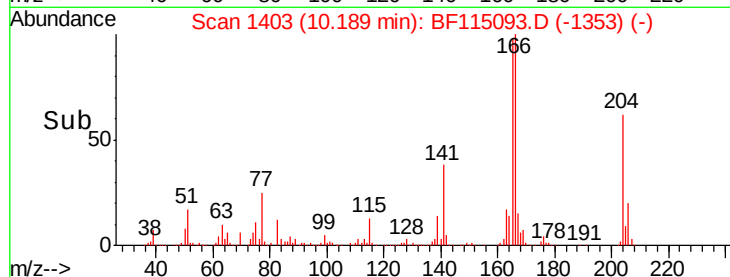
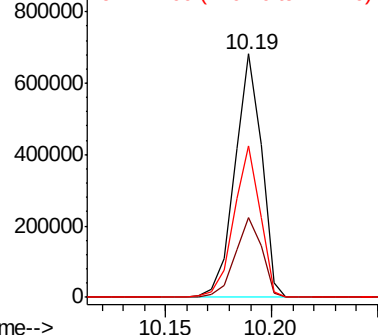


Abundance

Ion 204.00 (203.70 to 204.70): E

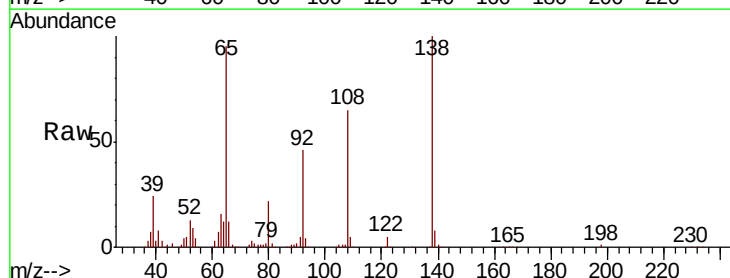
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.794 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	24.8	64.8
108	65.2	43.3	83.3

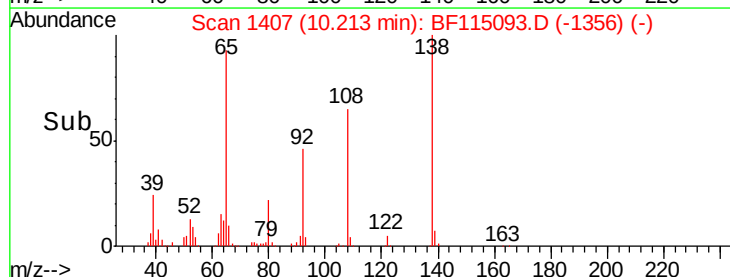
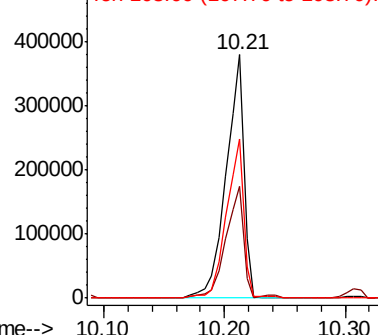


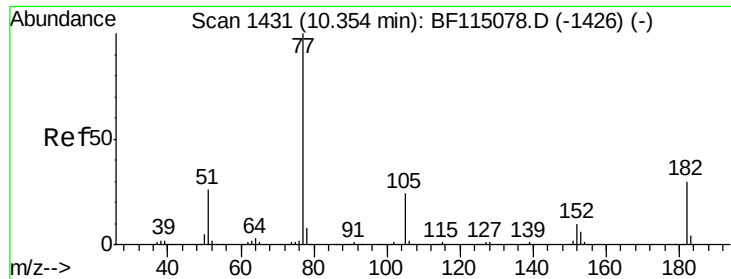
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





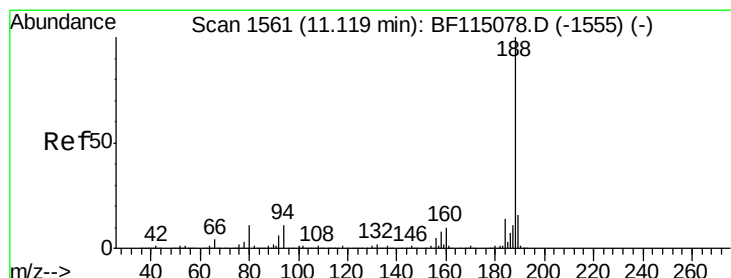
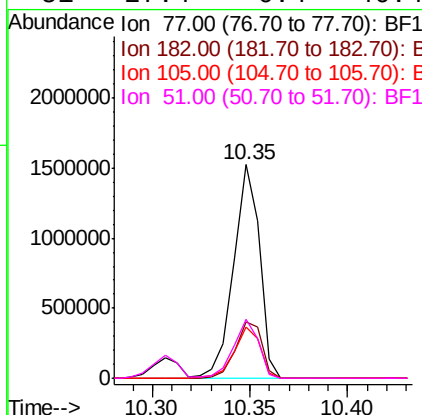
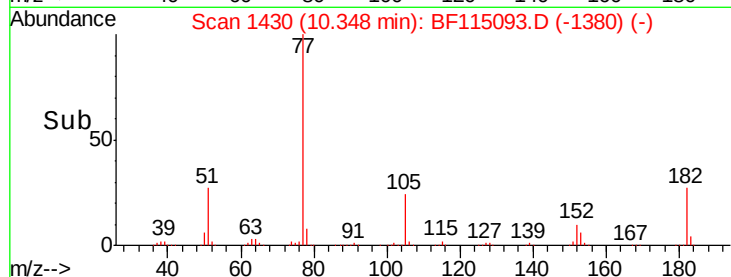
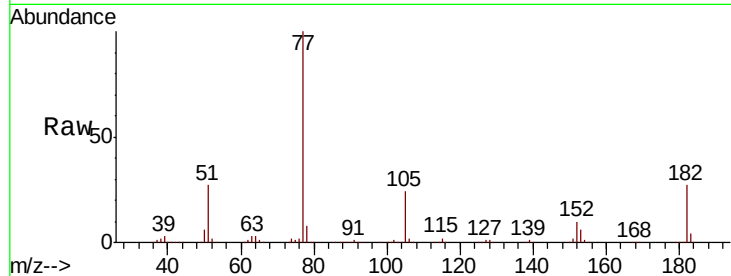
#63
Azobenzene
Concen: 44.886 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	10.1	50.1	
105	24.1	4.5	44.5	
51	27.4	6.4	46.4	

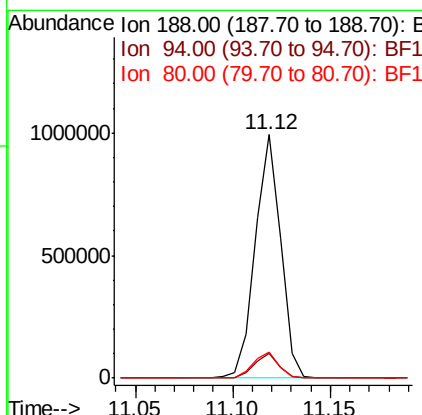
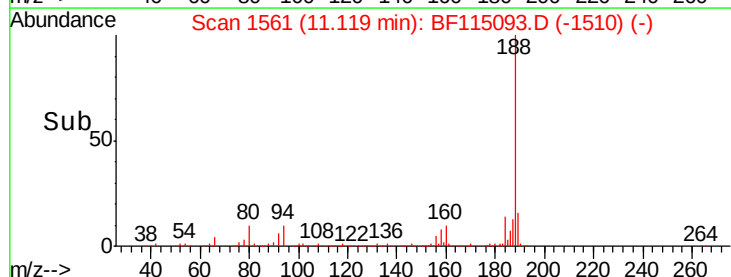
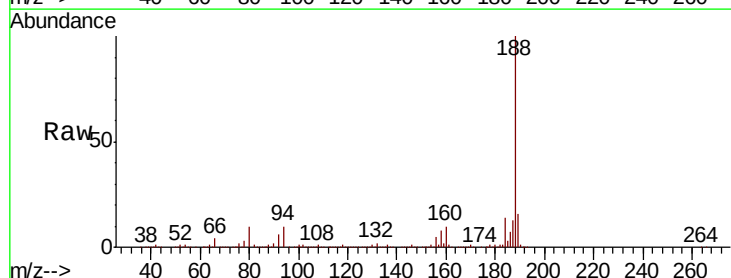
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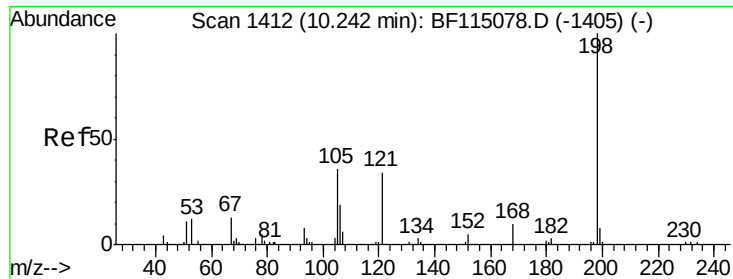
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.6	12.8	
80	10.5	8.8	13.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.734 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

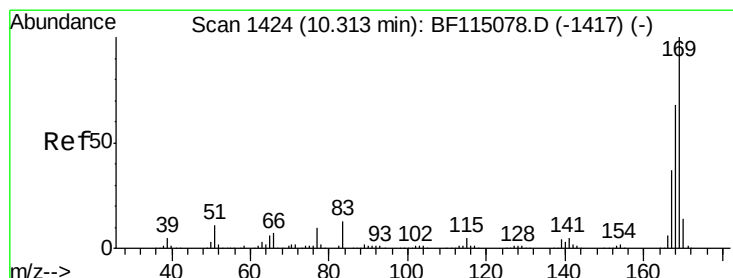
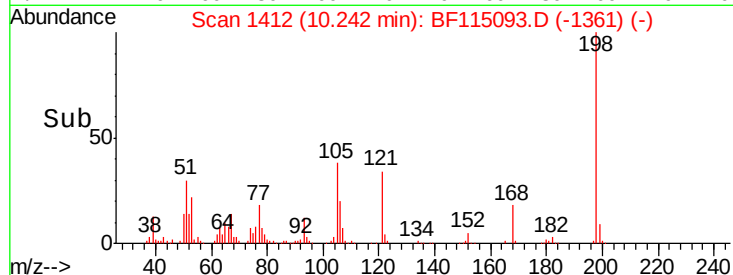
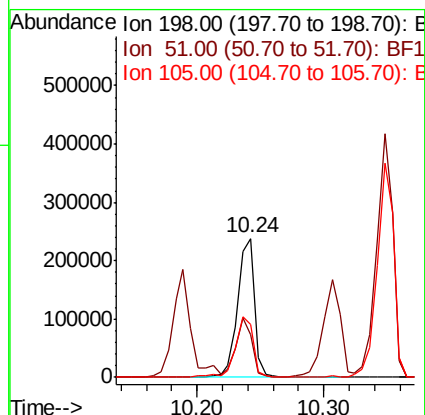
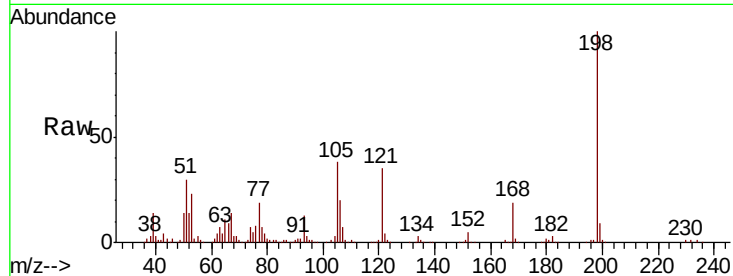
ClientSampleId :

PB120753BS

Tot Ion:	198	Resp:	217098
Ion Ratio	Lower	Upper	
198	100		
51	30.5	11.0	51.0
105	37.6	17.3	57.3

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 44.947 ng

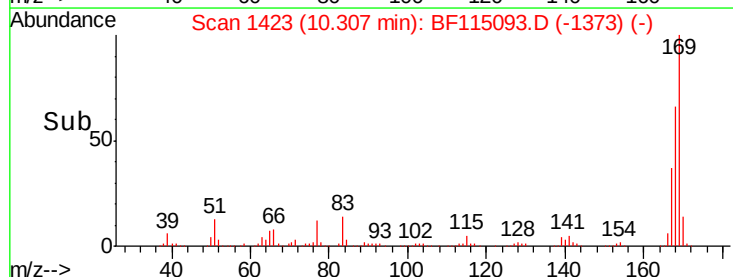
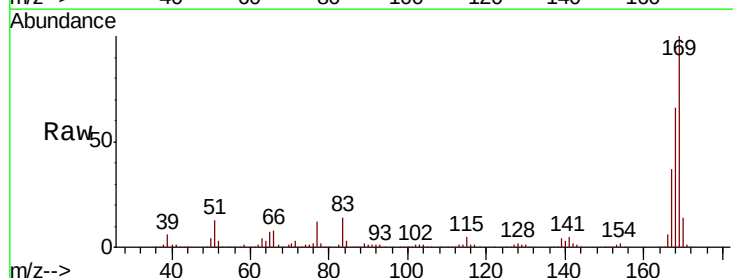
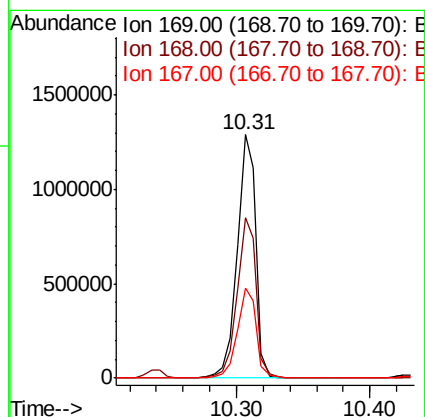
RT: 10.31 min Scan# 1423

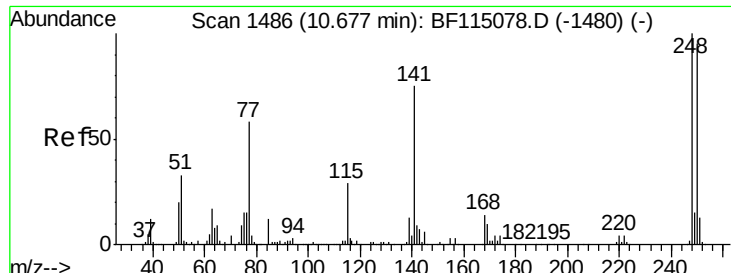
Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:	169	Resp:	1256456
Ion Ratio	Lower	Upper	
169	100		
168	66.1	54.2	81.4
167	36.8	29.4	44.0





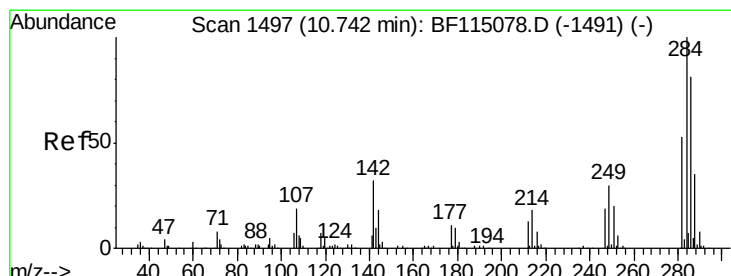
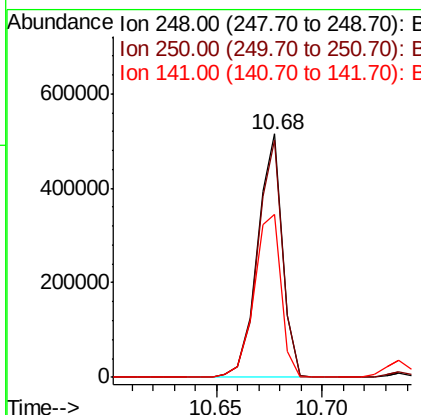
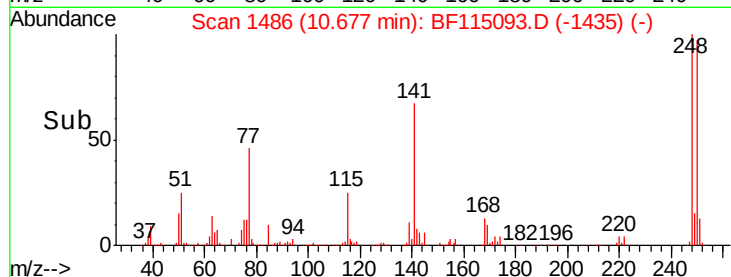
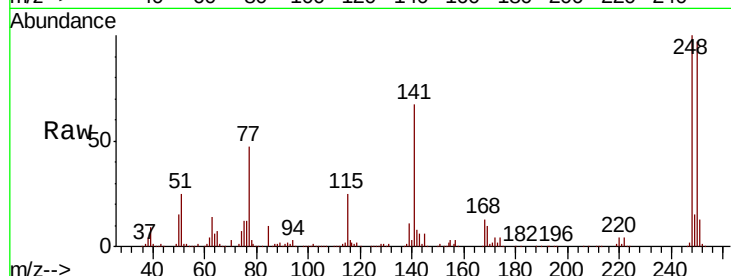
#67
 4-Bromophenyl-phenylether
 Concen: 43.505 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion:	248	Resp:	423226
Ion Ratio	Lower	Upper	
248	100		
250	97.3	76.2	114.2
141	67.2	59.6	89.4

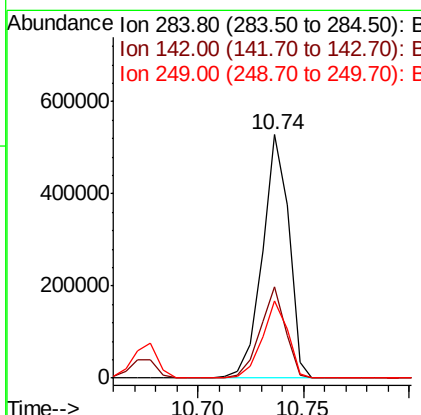
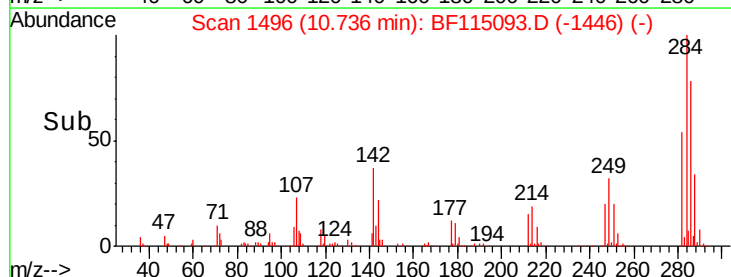
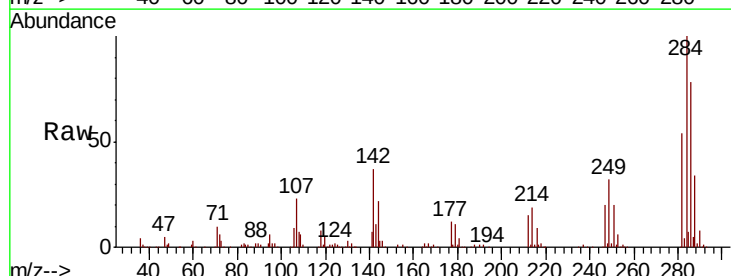
Manual Integrations
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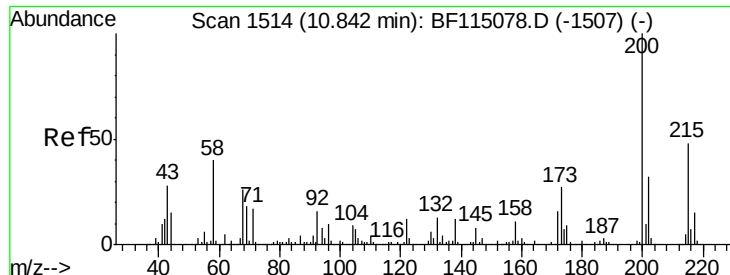
mohammad
 6/25/2019 12:41:20 PM



#68
 Hexachlorobenzene
 Concen: 43.846 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:	284	Resp:	462988
Ion Ratio	Lower	Upper	
284	100		
142	37.4	25.8	38.8
249	31.7	24.2	36.4





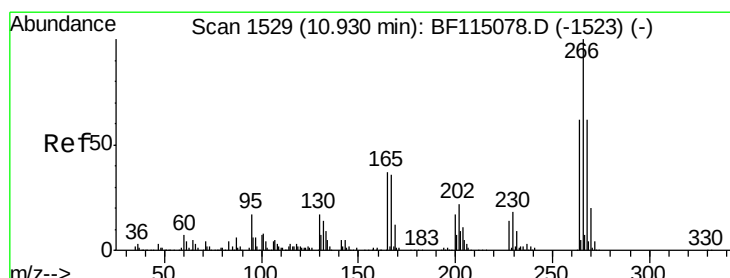
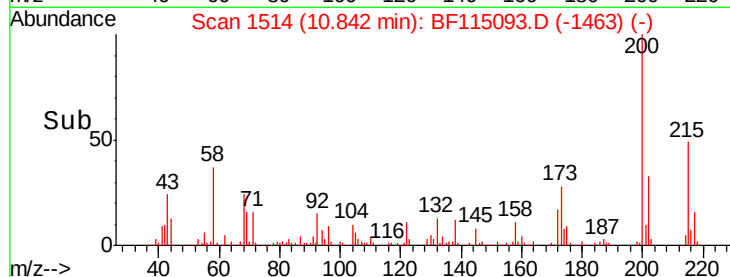
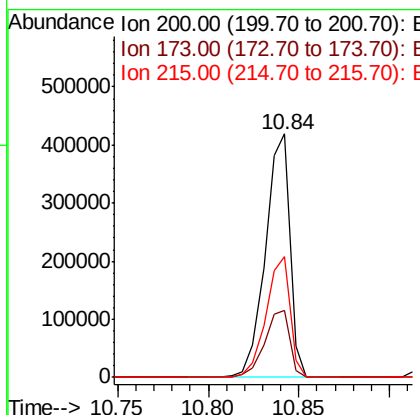
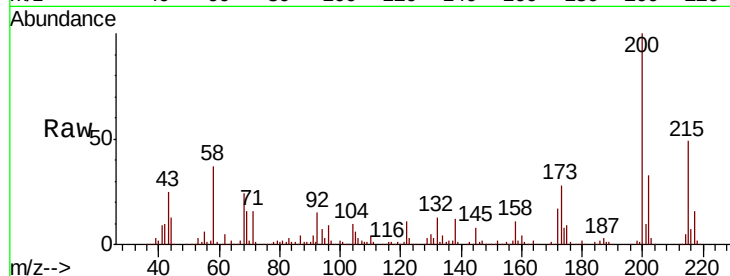
#69
 Atrazine
 Concen: 43.749 ng
 RT: 10.84 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampled :
 PB120753BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	393406		
173	27.7	7.4	47.4	
215	49.3	27.8	67.8	

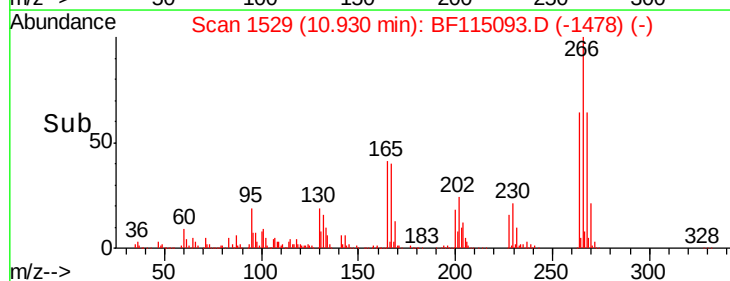
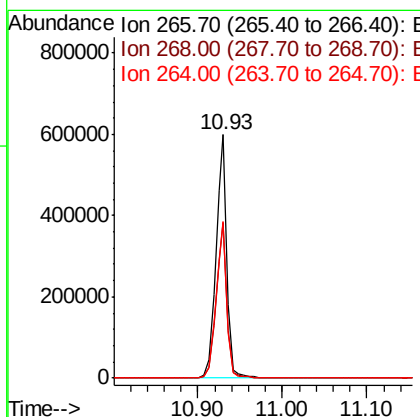
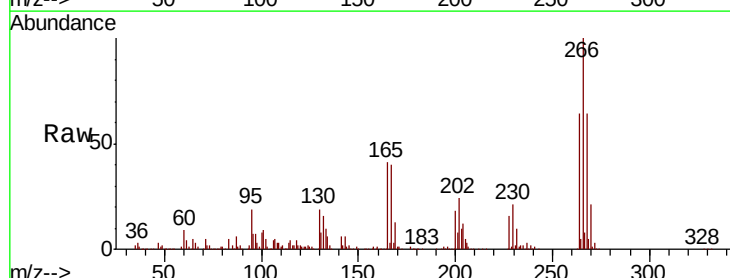
Manual Integrations
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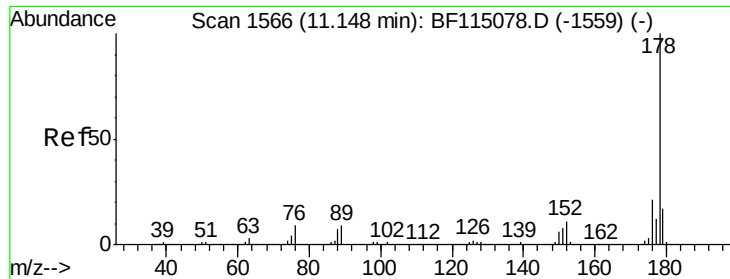
mohammad
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#70
 Pentachlorophenol
 Concen: 82.220 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	553099		
268	63.9	49.5	74.3	
264	64.4	49.3	73.9	





#71

Phenanthrene

Concen: 42.043 ng

RT: 11.14 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

ClientSampleId :

PB120753BS

Tot Ion:178 Resp: 2031096

Ion Ratio Lower Upper

178 100

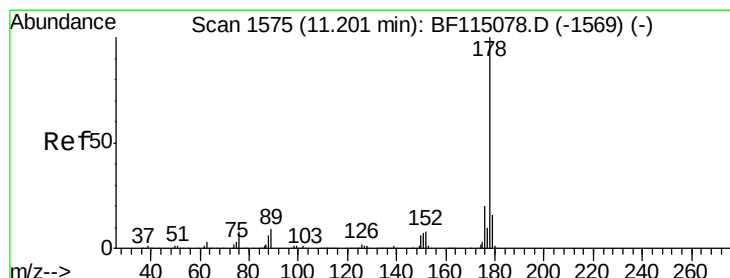
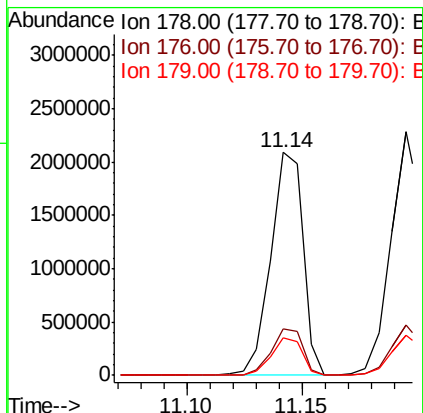
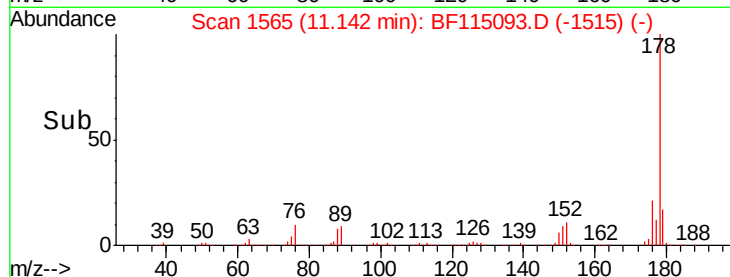
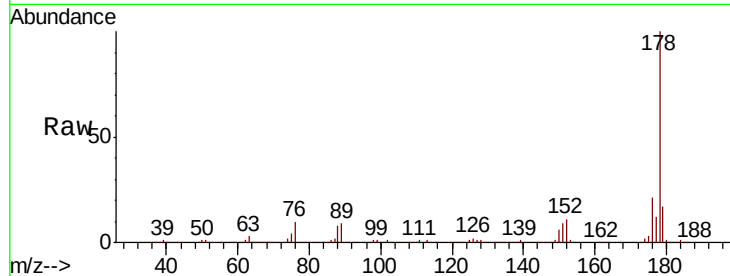
176 21.0 16.9 25.3

179 16.6 13.2 19.8

Manual Integrations
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#72

Anthracene

Concen: 43.038 ng

RT: 11.20 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

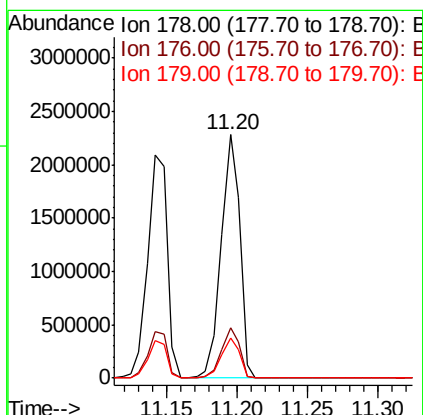
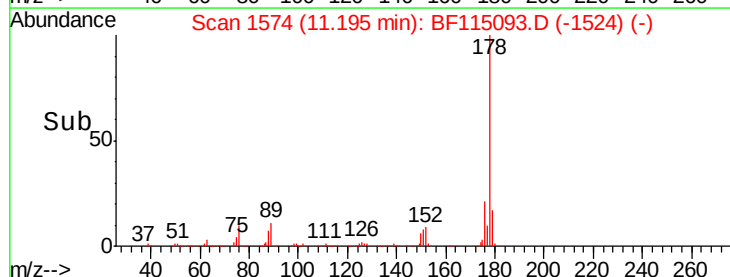
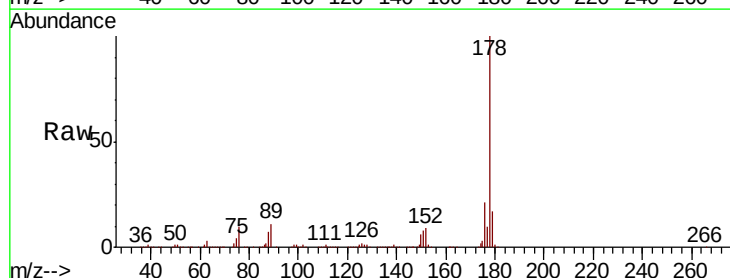
Tgt Ion:178 Resp: 2098765

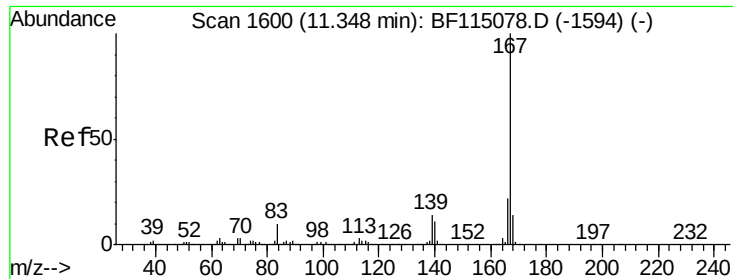
Ion Ratio Lower Upper

178 100

176 20.6 16.1 24.1

179 16.7 12.9 19.3





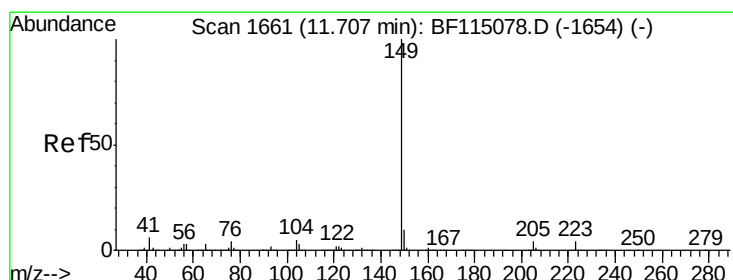
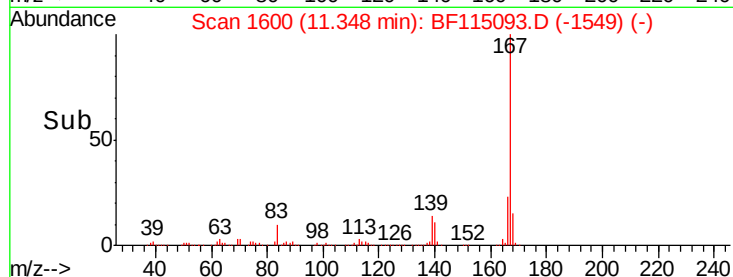
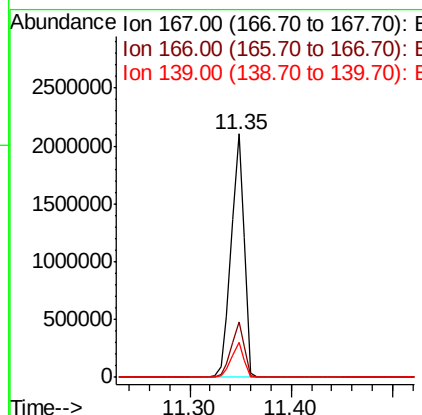
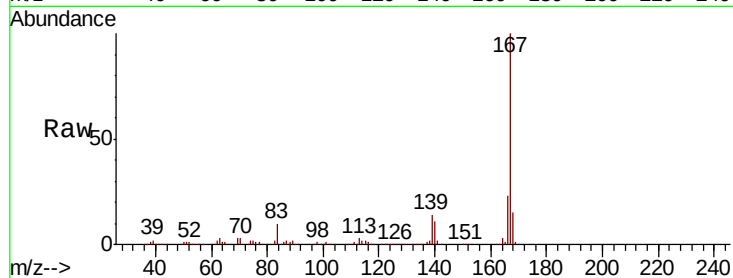
#73
 Carbazole
 Concen: 43.644 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.0	27.0
139	14.2	11.1	16.7

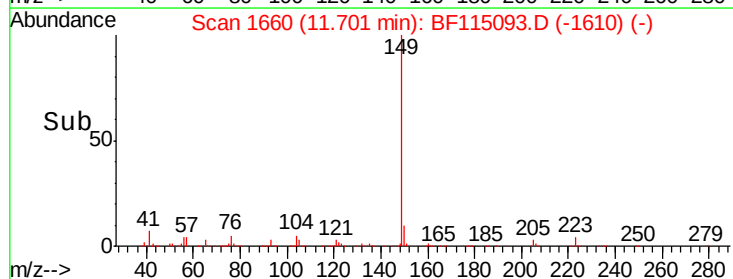
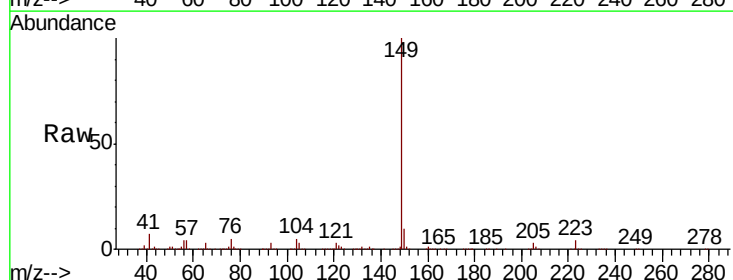
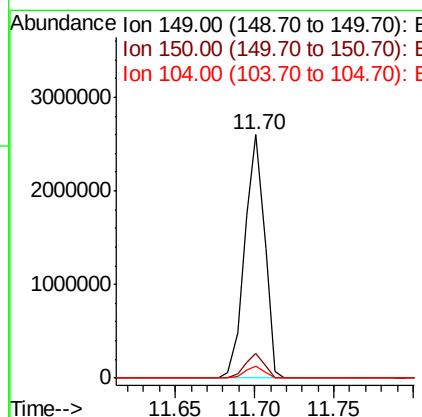
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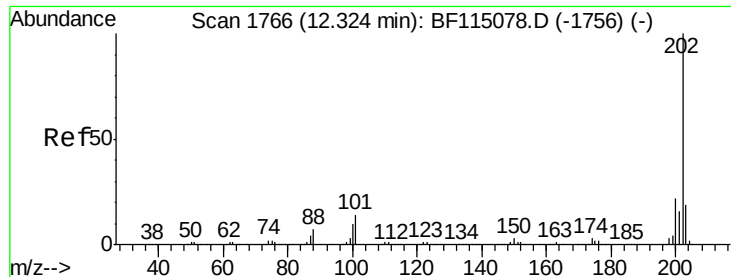
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#74
 Di-n-butylphthalate
 Concen: 44.666 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	5.1	3.7	5.5





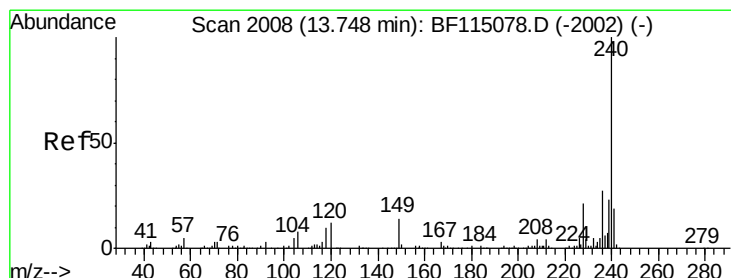
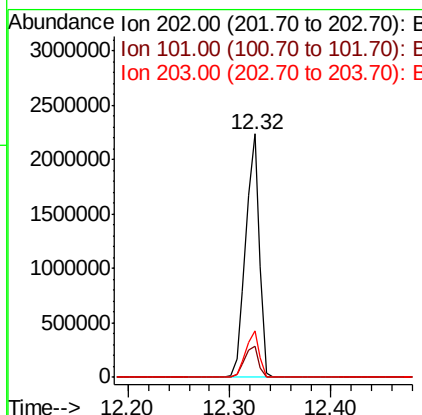
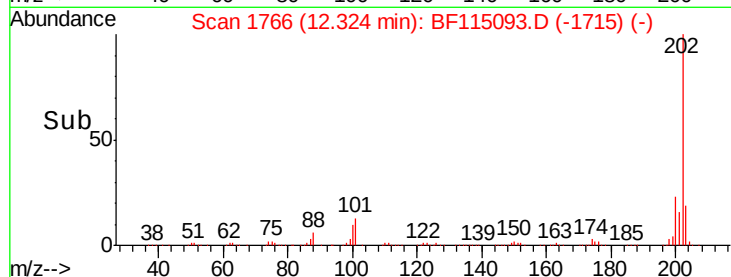
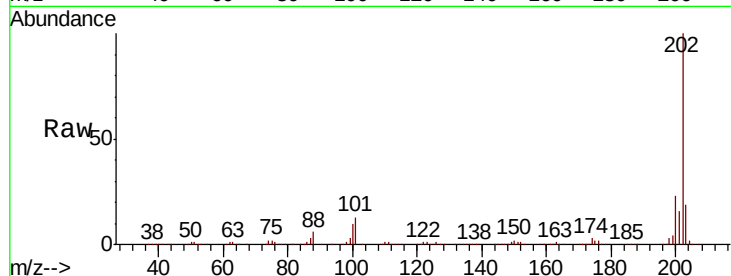
#75
 Fluoranthene
 Concen: 43.740 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.0
203	19.1	0.0	38.8

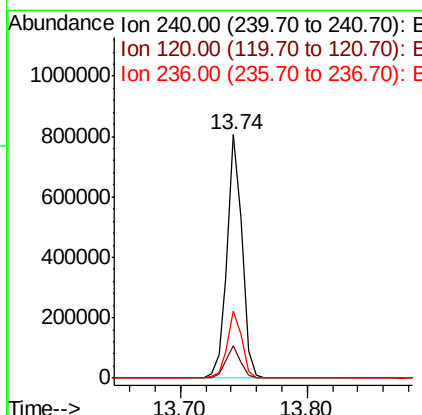
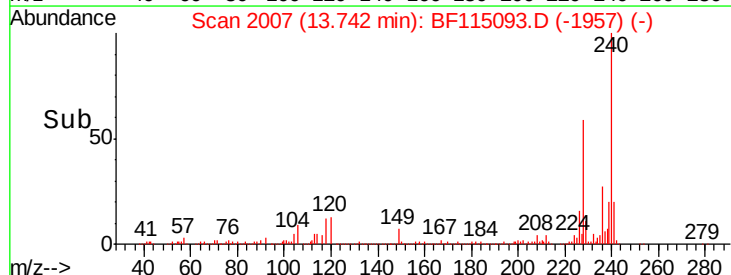
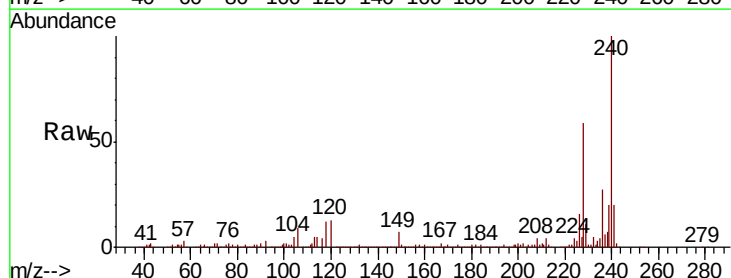
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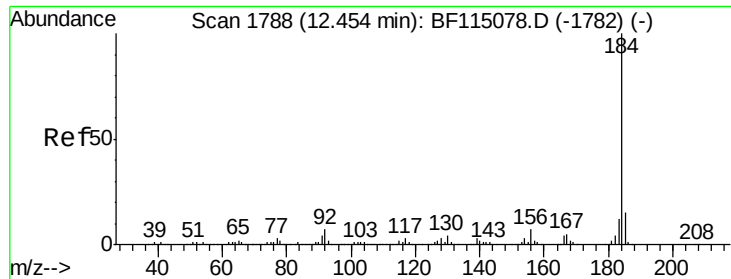
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.4	14.2
236	27.3	21.7	32.5





#77

Benzidine

Concen: 33.396 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

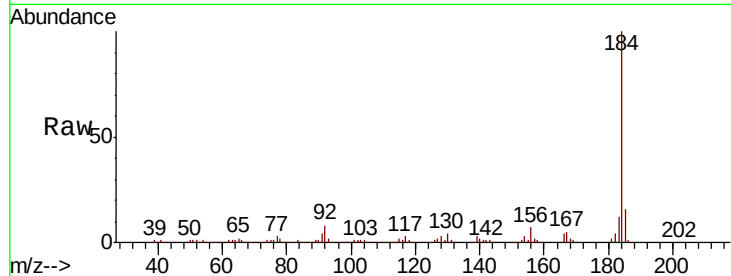
ClientSampleId :

PB120753BS

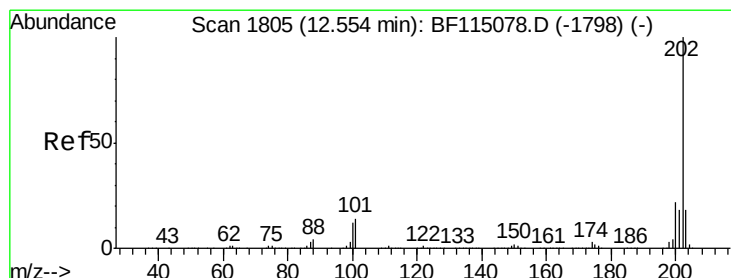
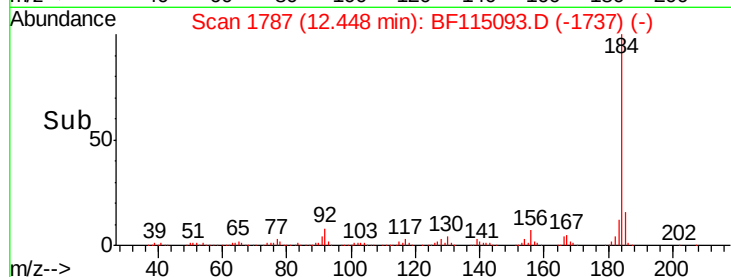
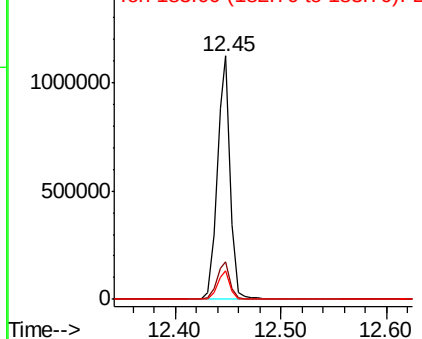
Tot Ion:	184	Resp:	974850
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.2	18.2
183	12.0	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
1500000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.814 ng

RT: 12.55 min Scan# 1804

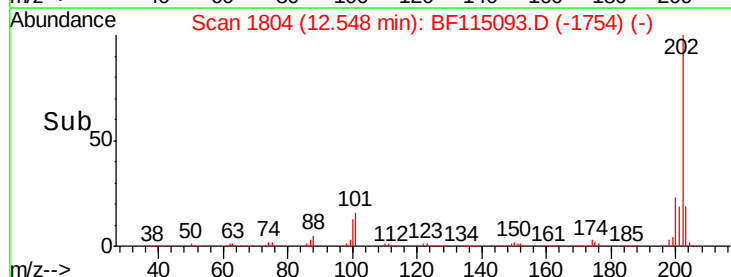
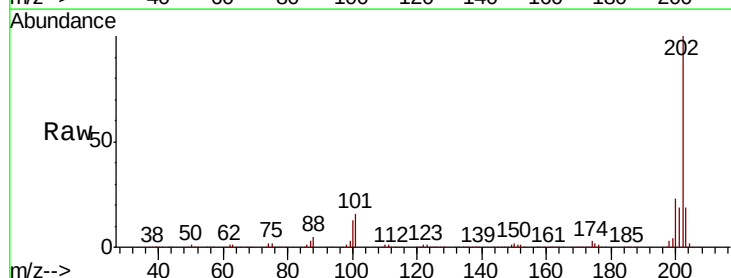
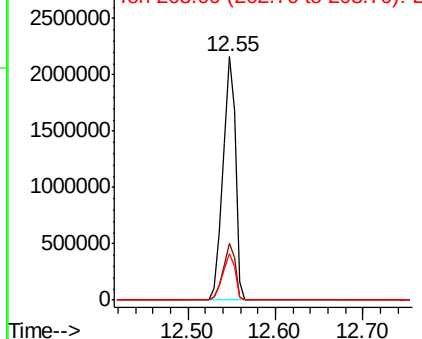
Delta R.T. -0.01 min

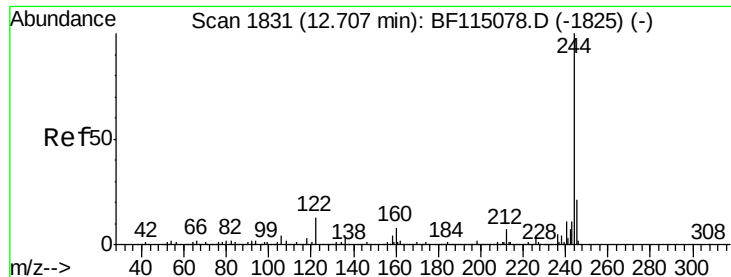
Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:	202	Resp:	2162952
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.9	26.9
203	19.0	14.6	21.8

Abundance Ion 202.00 (201.70 to 202.70): E
3000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





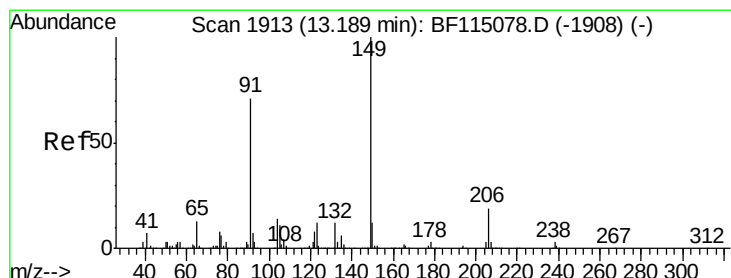
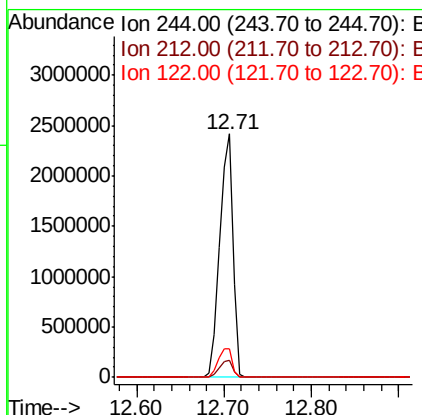
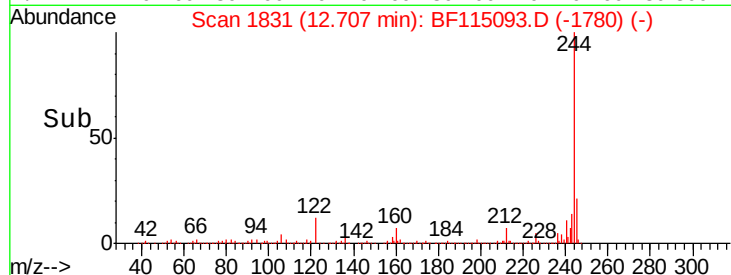
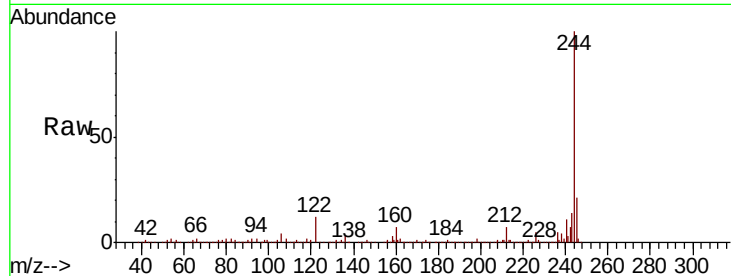
#79
 Terphenyl-d14
 Concen: 82.590 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BS

Tot Ion:244 Resp: 2553596
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.9 10.4 15.6

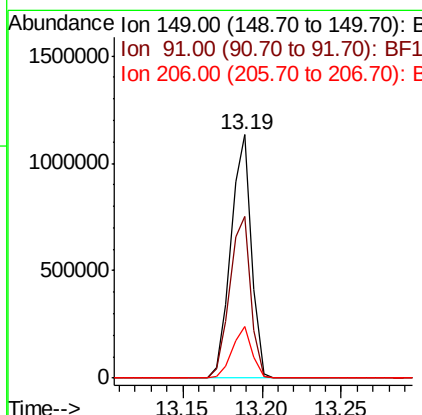
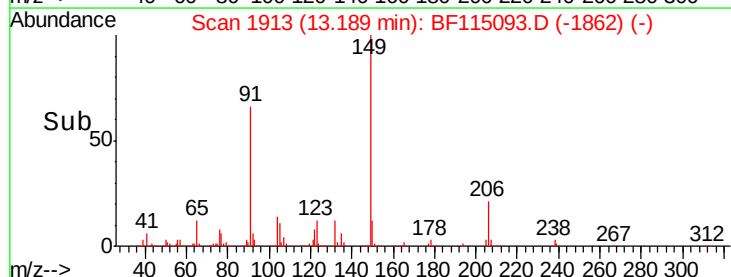
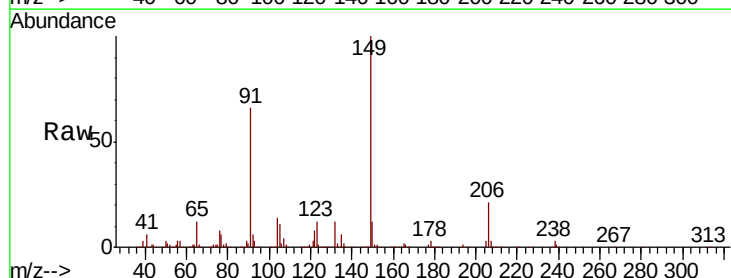
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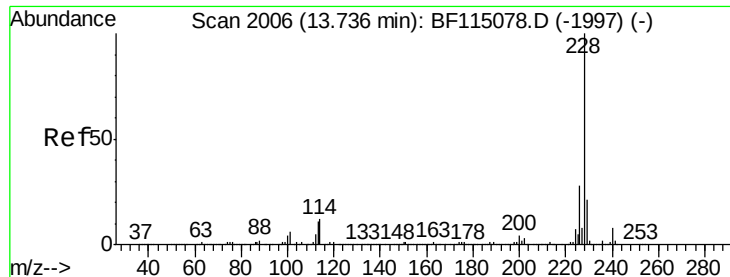
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#80
 Butylbenzylphthalate
 Concen: 45.519 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF115093.D
 Acq: 21 Jun 2019 22:18

Tgt Ion:149 Resp: 1014852
 Ion Ratio Lower Upper
 149 100
 91 66.5 56.5 84.7
 206 21.2 15.3 22.9





#81

Benzo(a)anthracene

Concen: 41.752 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

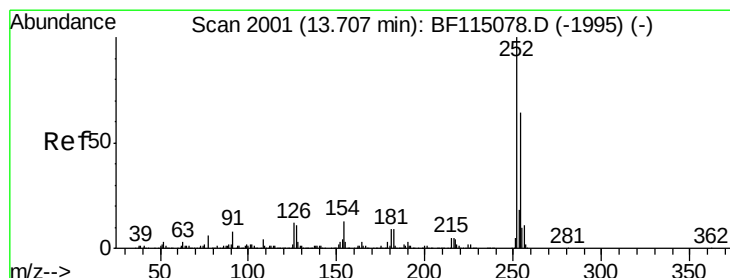
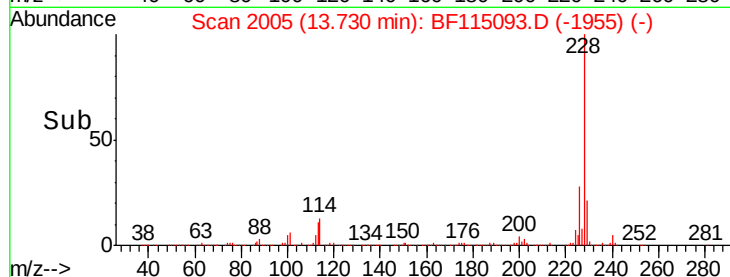
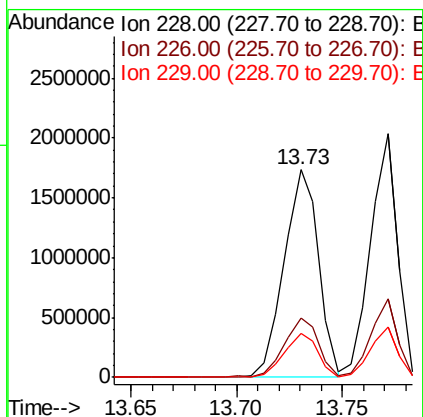
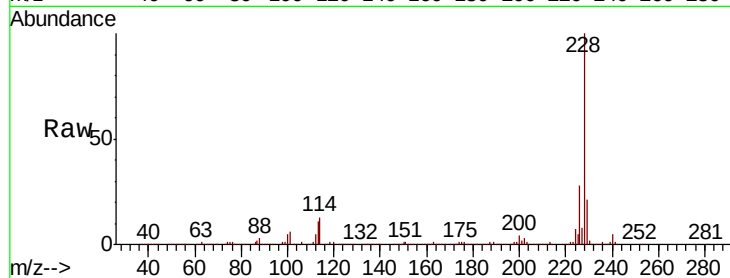
ClientSampleId :

PB120753BS

Tot Ion:	228	Resp:	1969407
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	21.0	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 32.154 ng

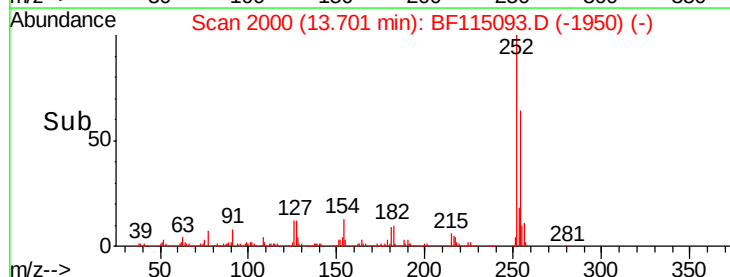
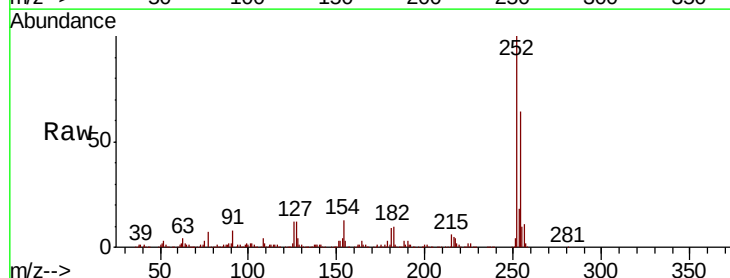
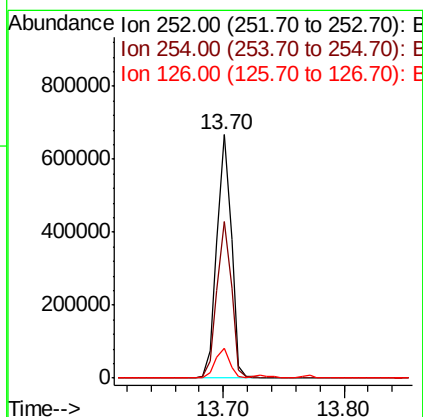
RT: 13.70 min Scan# 2000

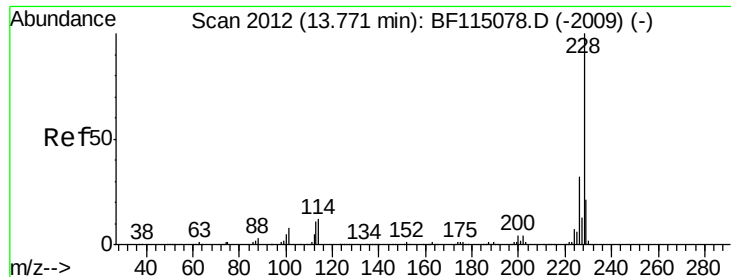
Delta R.T. -0.01 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:	252	Resp:	547691
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.1	76.7
126	12.4	9.4	14.0





#83

Chrysene

Concen: 42.281 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Instrument :

BNA_F

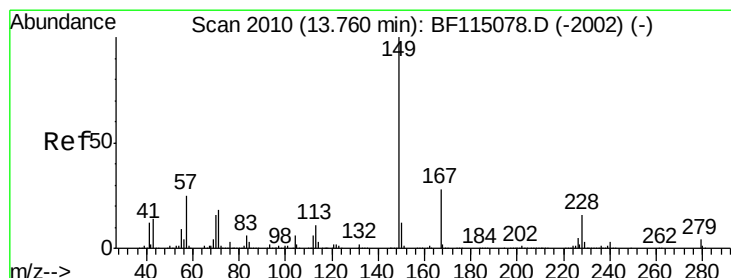
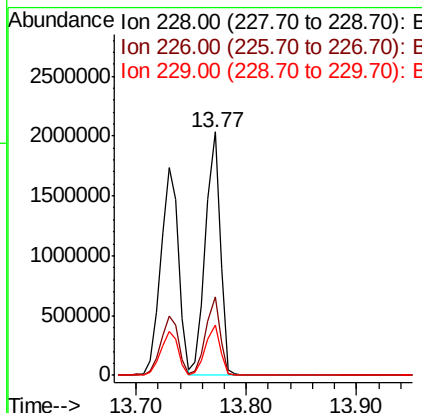
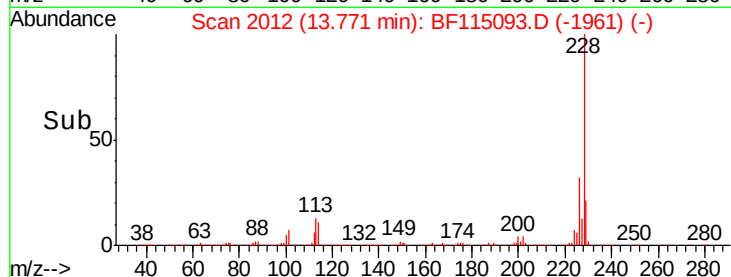
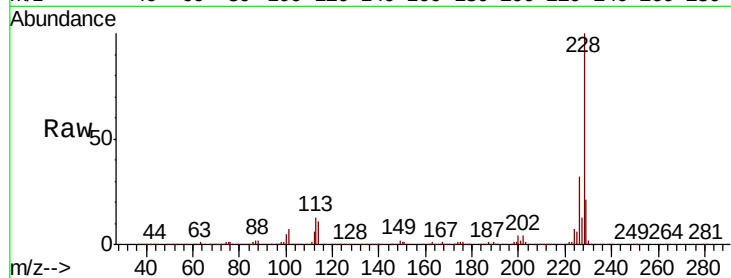
ClientSampleID :

PB120753BS

Tot Ion:	228	Resp:	1826884
Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	20.9	16.5	24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 46.196 ng

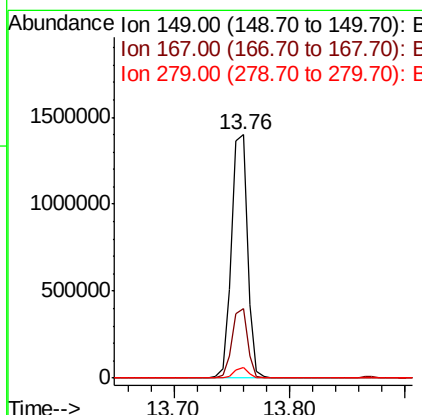
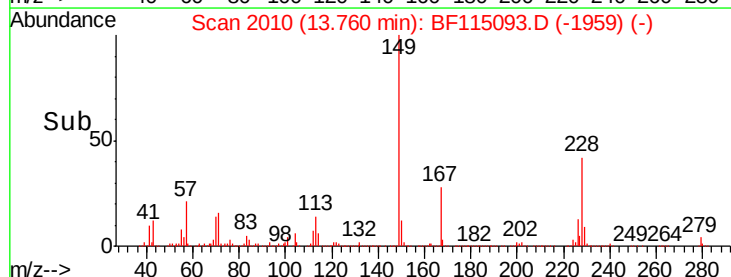
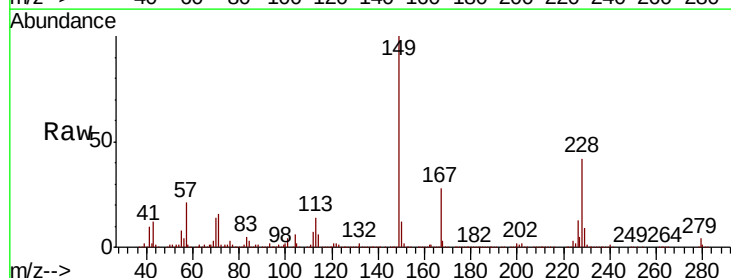
RT: 13.76 min Scan# 2010

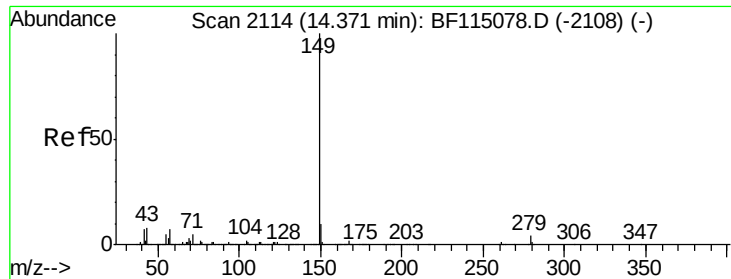
Delta R.T. 0.00 min

Lab File: BF115093.D

Acq: 21 Jun 2019 22:18

Tgt Ion:	149	Resp:	1349541
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	4.5	2.9	4.3#





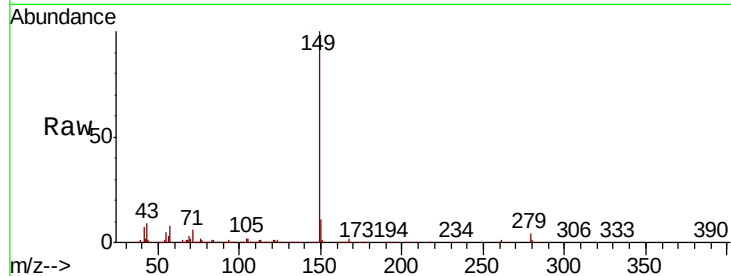
#85
Di-n-octyl phthalate
Concen: 47.021 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

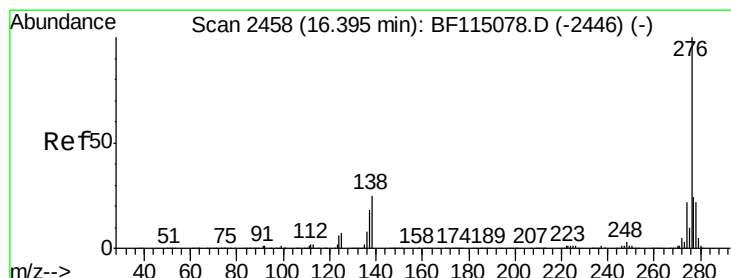
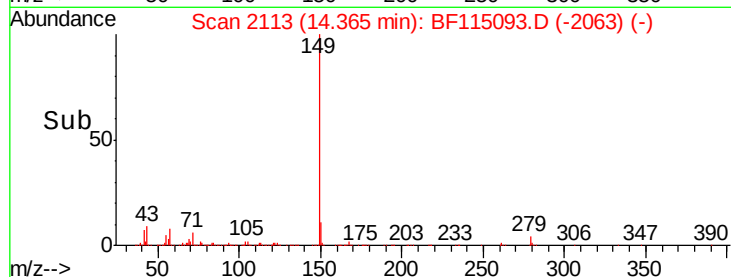
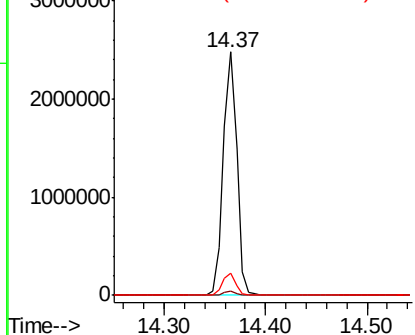
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	7.0	10.6

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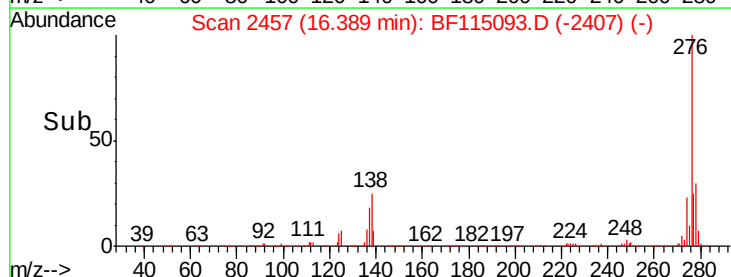
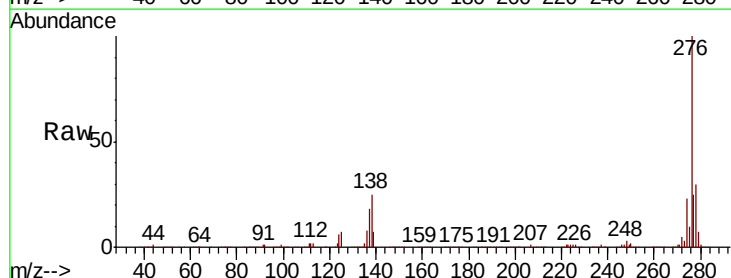
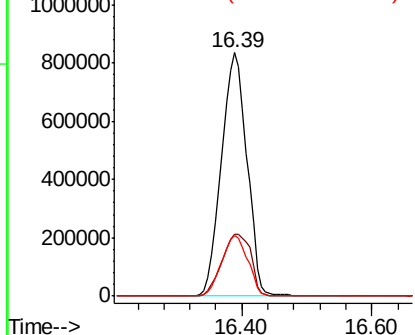
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

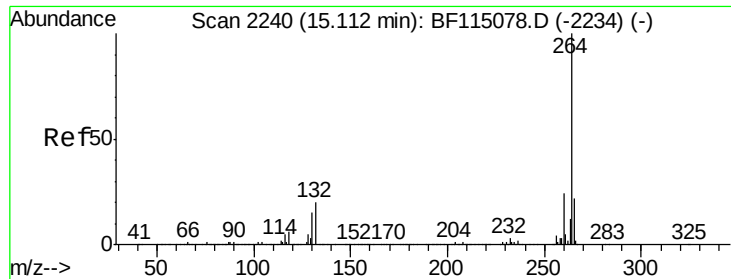


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.420 ng
RT: 16.39 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.2	34.8
277	25.6	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





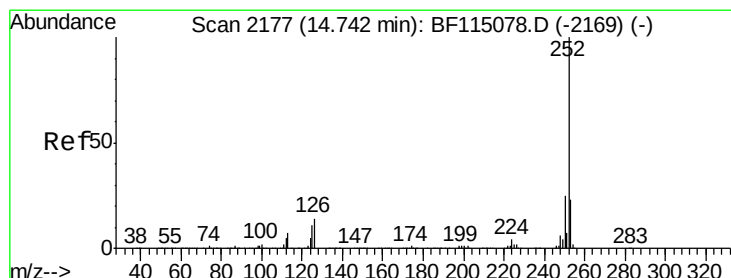
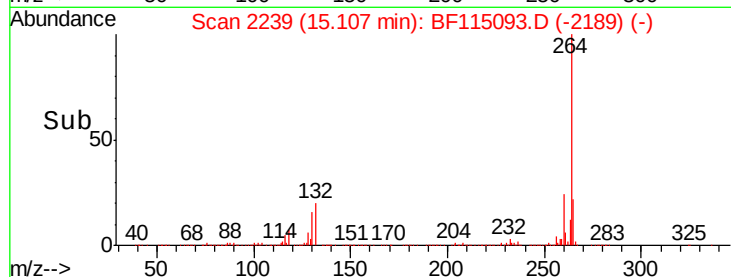
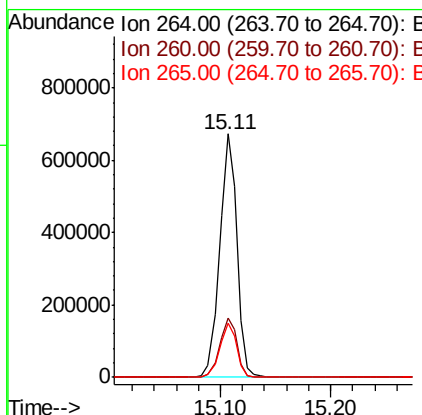
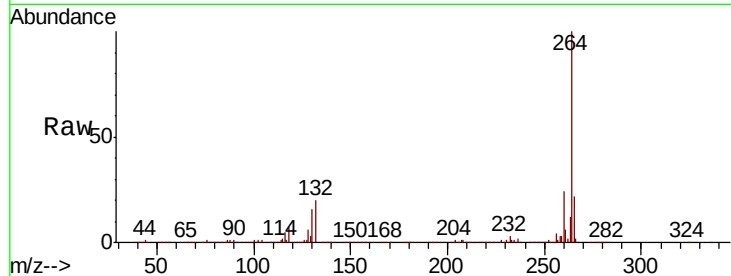
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.3	17.3	25.9

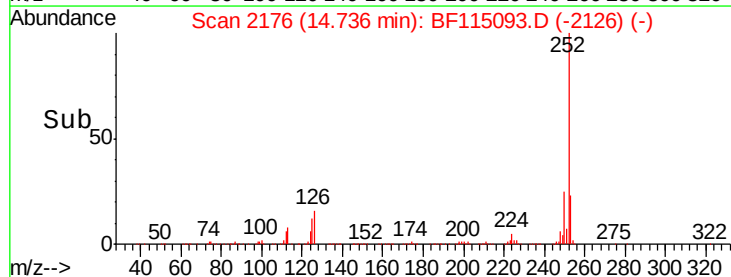
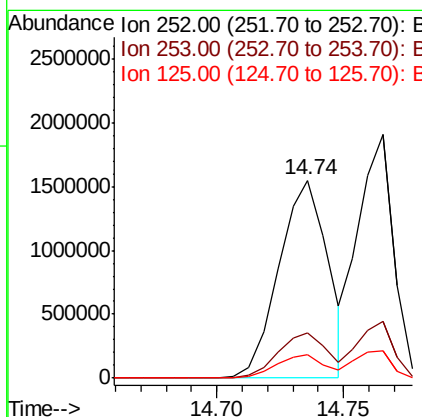
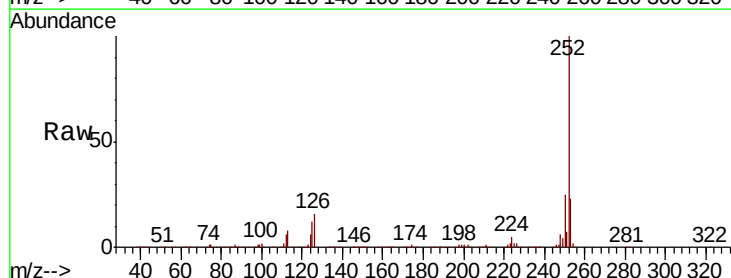
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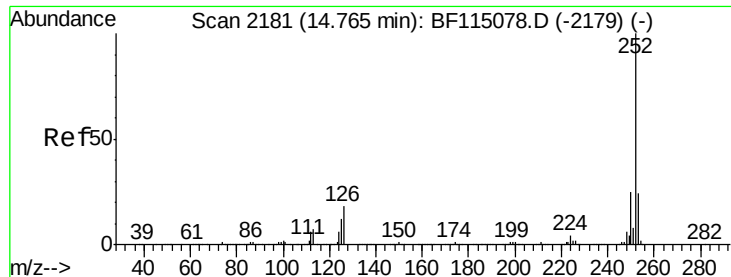
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#88
Benzo(b)fluoranthene
Concen: 45.795 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.9	8.7	13.1





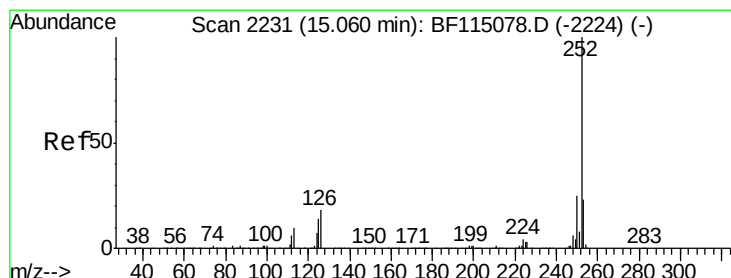
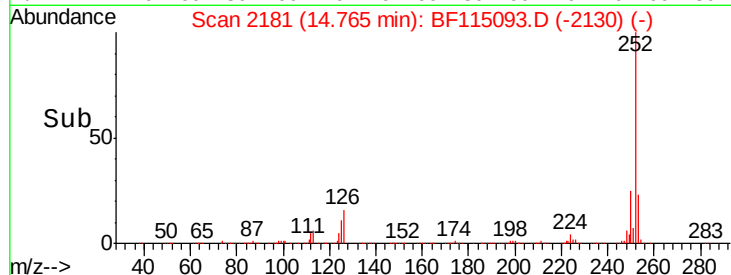
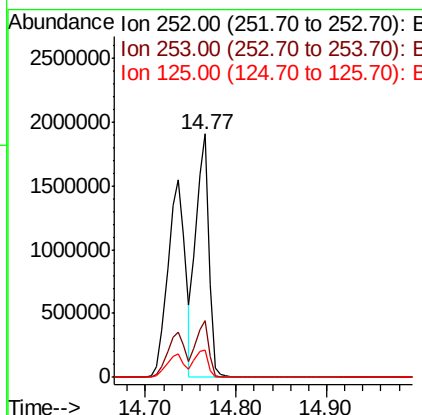
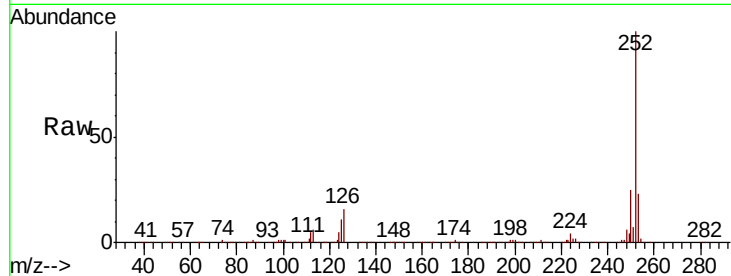
#89
Benzo(k)fluoranthene
Concen: 45.887 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleID :
PB120753BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	11.1	10.2	15.2

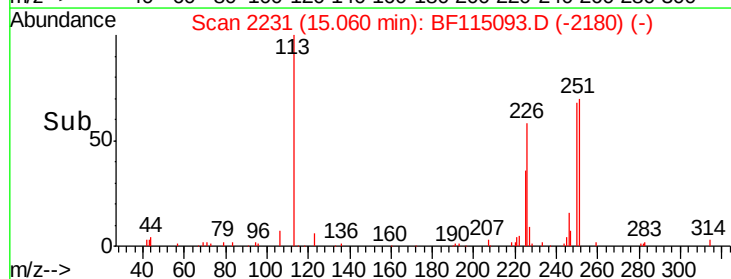
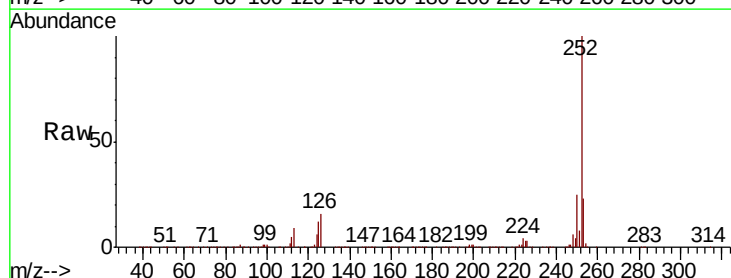
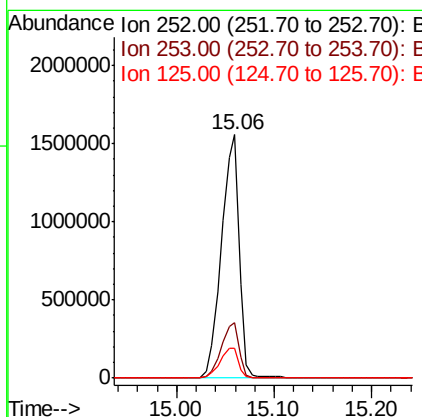
Manual Integrations
APPROVED

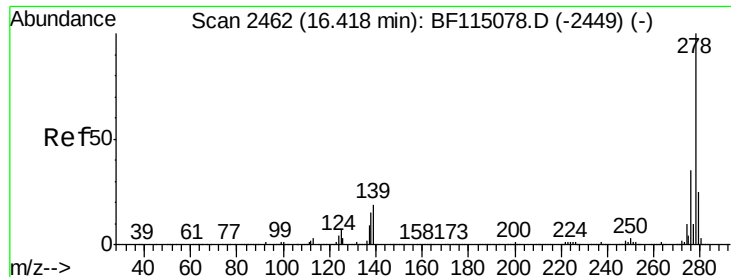
mohammad
6/25/2019 12:41:20 PM



#90
Benzo(a)pyrene
Concen: 47.810 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	12.2	10.9	16.3





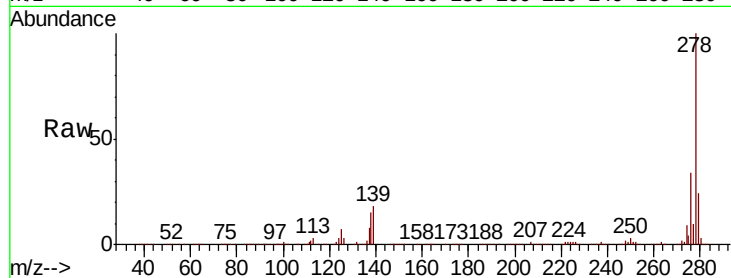
#91
Dibenzo(a,h)anthracene
Concen: 49.131 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Instrument :
BNA_F
ClientSampleId :
PB120753BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.4	23.2
279	24.2	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:20 PM

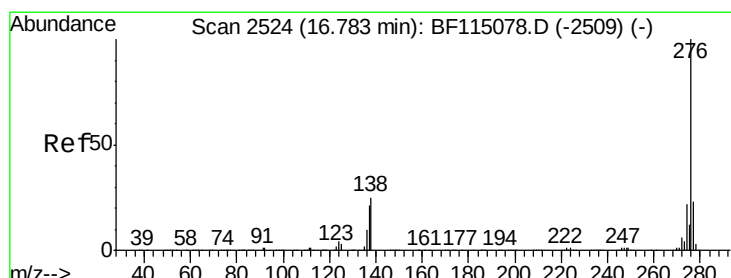
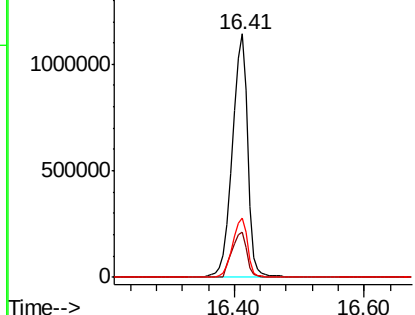
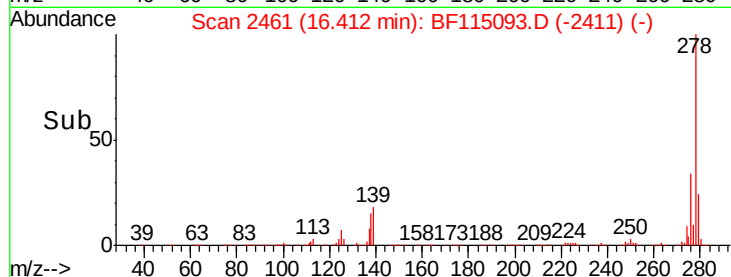


Abundance

Ion 278.00 (277.70 to 278.70): E

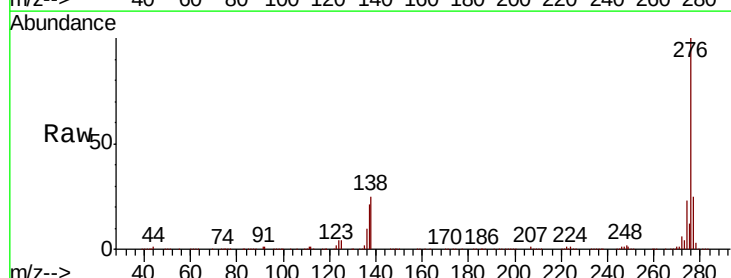
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.885 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115093.D
Acq: 21 Jun 2019 22:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	25.4	19.8	29.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

