

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115094.D
 Acq On : 21 Jun 2019 22:44
 Operator : HP/JU
 Sample : PB120753BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:23 PM

Quant Time: Jun 22 05:19:22 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	241169	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	950502	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	479757	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	936812	20.00	ng	0.00
76) Chrysene-d12	13.74	240	682059	20.00	ng	0.00
87) Perylene-d12	15.11	264	771396	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1712795	109.60	ng	0.02
7) Phenol-d6	6.26	99	2104185	110.93	ng	0.00
23) Nitrobenzene-d5	7.18	82	1301251	84.22	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	609430	120.46	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2478774	87.76	ng	0.00
79) Terphenyl-d14	12.71	244	2649716	82.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	293412	39.781	ng	100
3) Pyridine	2.95	79	803705	38.661	ng	98
4) n-Nitrosodimethylamine	2.90	42	329493	40.431	ng	98
6) Aniline	6.28	93	716311	27.476	ng	95
8) 2-Chlorophenol	6.40	128	747651	42.545	ng	100
9) Benzaldehyde	6.15	77	116096	9.381	ng	98
10) Phenol	6.27	94	882911	39.736	ng	96
11) bis(2-Chloroethyl)ether	6.36	93	677533	41.366	ng	99
12) 1,3-Dichlorobenzene	6.55	146	806479	41.352	ng	98
13) 1,4-Dichlorobenzene	6.63	146	813366	41.590	ng	99
14) 1,2-Dichlorobenzene	6.78	146	757808	41.843	ng	99
15) Benzyl Alcohol	6.76	79	579263	41.938	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	982665	41.366	ng	99
17) 2-Methylphenol	6.88	107	621654	42.857	ng	98
18) Hexachloroethane	7.13	117	291917	41.403	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	492067	40.519	ng	98
20) 3+4-Methylphenols	7.03	107	716405	42.773	ng	96
22) Acetophenone	7.02	105	983042	45.176	ng	# 98
24) Nitrobenzene	7.20	77	757792	44.517	ng	98
25) Isophorone	7.44	82	1400316	44.240	ng	99
26) 2-Nitrophenol	7.51	139	403995	48.058	ng	99
27) 2,4-Dimethylphenol	7.56	122	697107	50.648	ng	97
28) bis(2-Chloroethoxy)methane	7.66	93	877898	43.882	ng	98
29) 2,4-Dichlorophenol	7.75	162	651092	45.838	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	704398	44.896	ng	99
31) Naphthalene	7.92	128	2116646	45.365	ng	100
32) Benzoic acid	7.70	122	534347	54.387	ng	99
33) 4-Chloroaniline	7.97	127	520652	24.417	ng	100
34) Hexachlorobutadiene	8.05	225	373073	43.391	ng	99
35) Caprolactam	8.34	113	208930m	43.750	ng	
36) 4-Chloro-3-methylphenol	8.45	107	648458	45.079	ng	100
37) 2-Methylnaphthalene	8.61	142	1460201	46.416	ng	99
38) 1-Methylnaphthalene	8.71	142	1388943	46.228	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	588441	43.405	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	730618	90.886	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	469125	44.821	nq	99
44) 2,4,5-Trichlorophenol	8.92	196	486448	45.131	nq	99
46) 1,1'-Biphenyl	9.08	154	1673786	43.603	nq	99
47) 2-Chloronaphthalene	9.10	162	1339518	43.019	nq	98
48) 2-Nitroaniline	9.19	65	393321	43.327	nq	96
49) Acenaphthylene	9.51	152	2115280	43.601	nq	99
50) Dimethylphthalate	9.38	163	1548049	43.858	nq	100
51) 2,6-Dinitrotoluene	9.44	165	368164	45.180	nq	93
52) Acenaphthene	9.68	154	1447610	47.685	nq	99
53) 3-Nitroaniline	9.60	138	281318	28.289	nq	97
54) 2,4-Dinitrophenol	9.70	184	388842	91.563	nq	92
55) Dibenzofuran	9.85	168	1858328	42.650	nq	100
56) 4-Nitrophenol	9.77	139	678966	85.165	nq	98
57) 2,4-Dinitrotoluene	9.84	165	491224	46.686	nq	94
58) Fluorene	10.20	166	1272819	43.683	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	417771	46.224	nq	99
60) Diethylphthalate	10.08	149	1563050	44.054	nq	100
61) 4-Chlorophenyl-phenylether	10.19	204	616706	44.687	nq	97
62) 4-Nitroaniline	10.21	138	409931	41.091	nq	98
63) Azobenzene	10.35	77	1466412	44.249	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	228931	46.142	nq	79
66) n-Nitrosodiphenylamine	10.31	169	1309399	44.864	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	443097	43.625	nq	95
68) Hexachlorobenzene	10.74	284	476322	43.205	nq	93
69) Atrazine	10.84	200	411864	43.868	nq	100
70) Pentachlorophenol	10.93	266	571246	81.333	nq	96
71) Phenanthrene	11.15	178	2092329	41.482	nq	100
72) Anthracene	11.20	178	2195921	43.129	nq	99
73) Carbazole	11.35	167	1968364	43.294	nq	98
74) Di-n-butylphthalate	11.70	149	2337162	44.485	nq	99
75) Fluoranthene	12.32	202	2196252	43.641	nq	99
77) Benzidine	12.45	184	1032188	34.081	nq	99
78) Pyrene	12.55	202	2262689	43.167	nq	99
80) Butylbenzylphthalate	13.19	149	1064649	46.025	nq	94
81) Benzo(a)anthracene	13.73	228	2060453	42.102	nq	99
82) 3,3'-Dichlorobenzidine	13.70	252	578688	32.744	nq	99
83) Chrysene	13.77	228	1908928	42.581	nq	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1378608	45.483	nq	99
85) Di-n-octyl phthalate	14.37	149	2388472	46.900	nq	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2348770	44.277	nq	99
88) Benzo(b)fluoranthene	14.74	252	2185914	45.414	nq	99
89) Benzo(k)fluoranthene	14.77	252	1961735	45.448	nq	99
90) Benzo(a)pyrene	15.06	252	2069058	47.693	nq	99
91) Dibenzo(a,h)anthracene	16.41	278	1938341	47.859	nq	99
92) Benzo(g,h,i)perylene	16.78	276	1972276	48.114	nq	97

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



#1

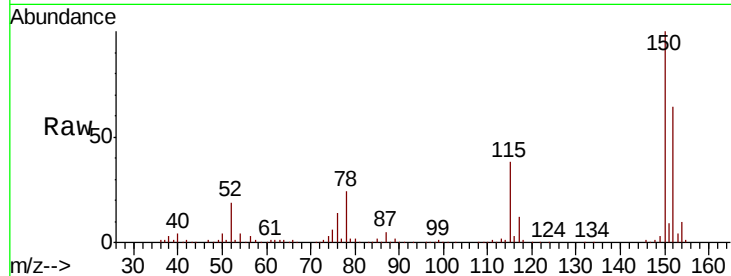
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	58.7	46.1	69.1

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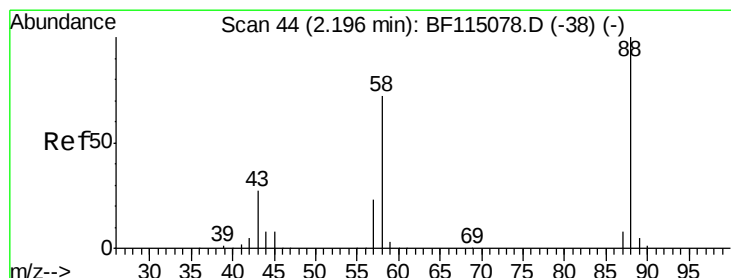
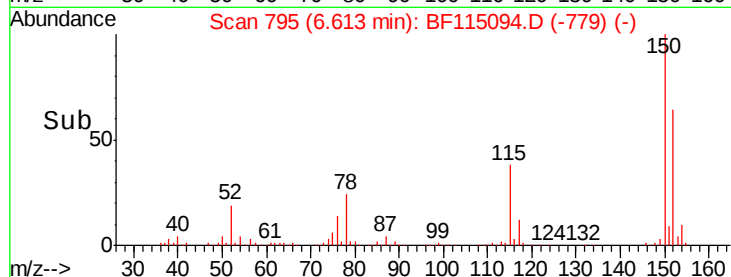
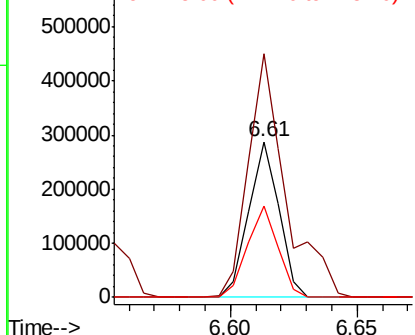


Abundance

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: 39.781 ng
 RT: 2.30 min Scan# 61
 Delta R.T. 0.10 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

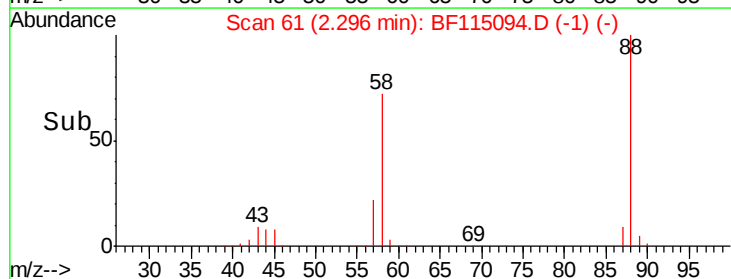
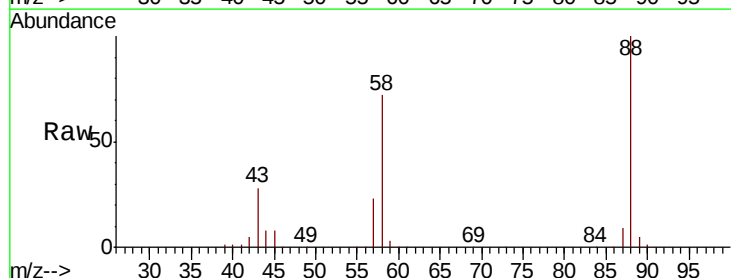
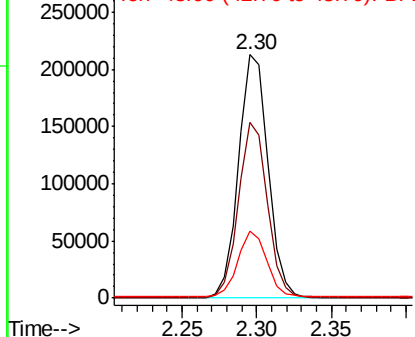
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	56.1	84.1
43	26.5	21.3	31.9

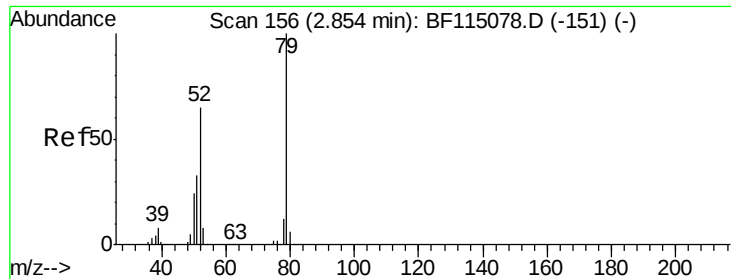
Abundance

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: 38.661 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.09 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

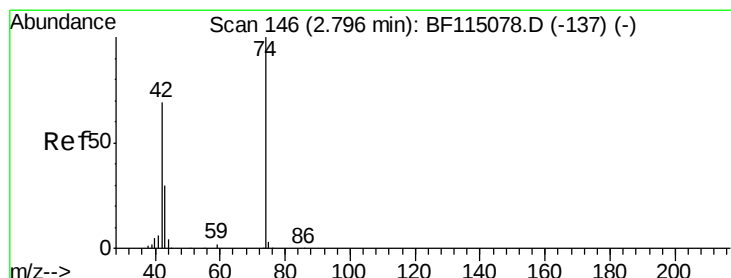
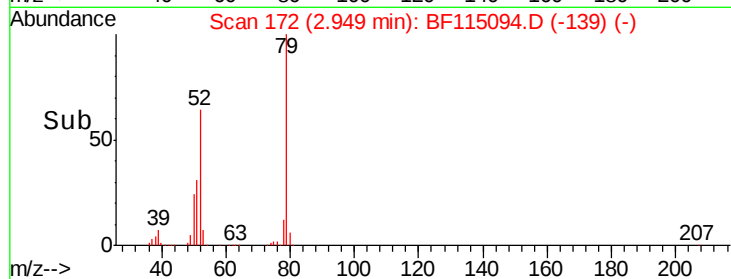
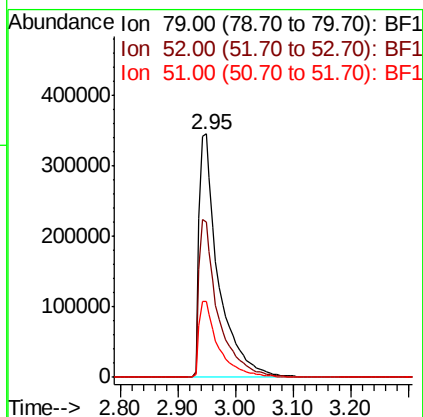
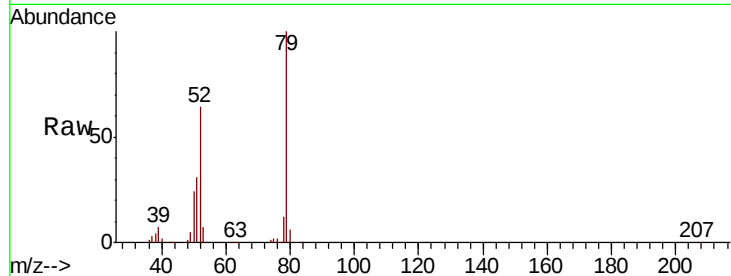
ClientSampleId :

PB120753BSD

Tot Ion:	79	Resp:	803705
Ion Ratio	Lower	Upper	
79	100		
52	63.7	52.3	78.5
51	31.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 40.431 ng

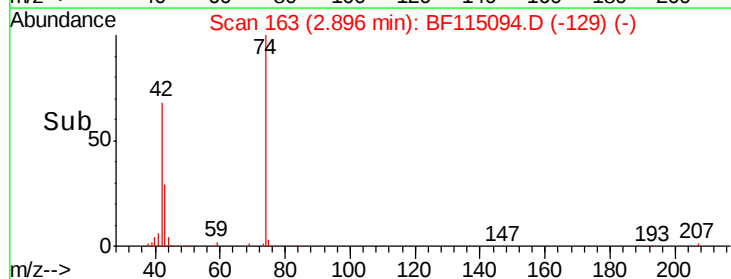
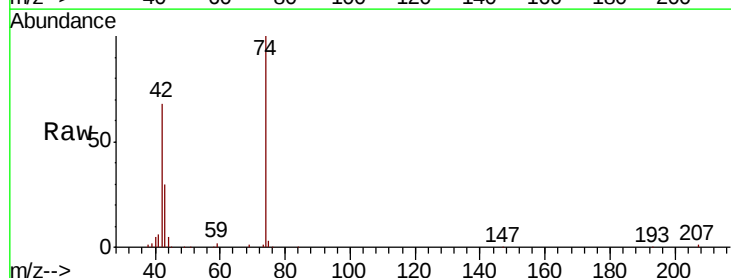
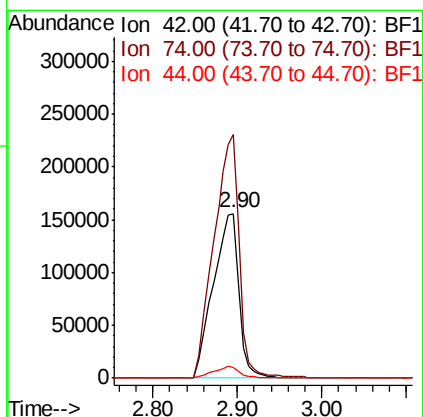
RT: 2.90 min Scan# 163

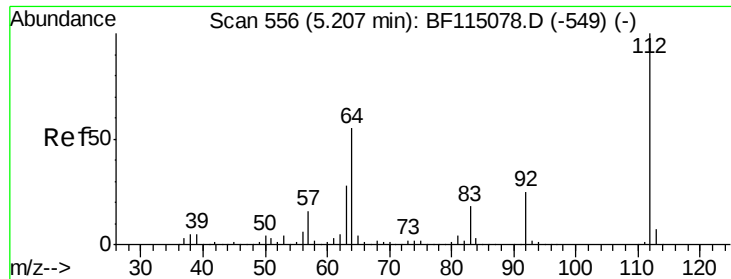
Delta R.T. 0.10 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:	42	Resp:	329493
Ion Ratio	Lower	Upper	
42	100		
74	147.8	116.6	175.0
44	6.7	5.3	7.9





#5

2-Fluorophenol

Concen: 109.597 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

PB120753BSD

Tot Ion:112 Resp: 1712795

Ion Ratio Lower Upper

112 100

64 54.3 43.8 65.6

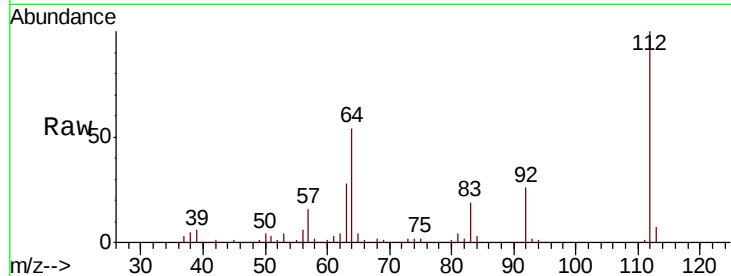
63 28.1 22.2 33.4

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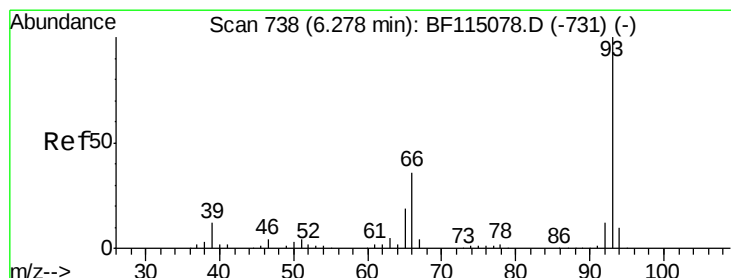
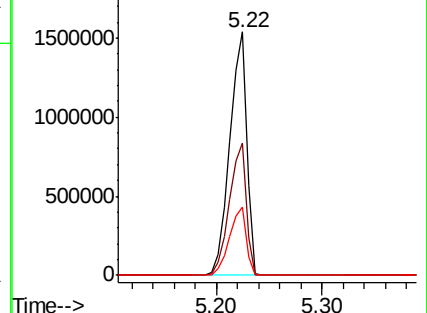
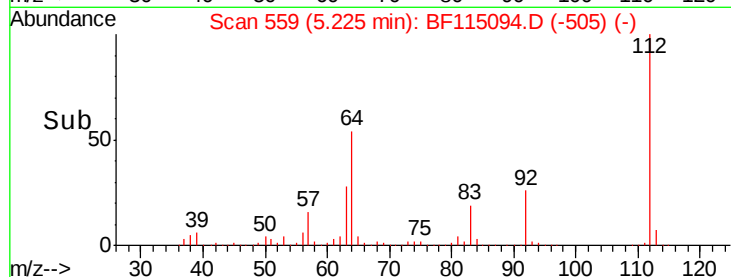
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.476 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

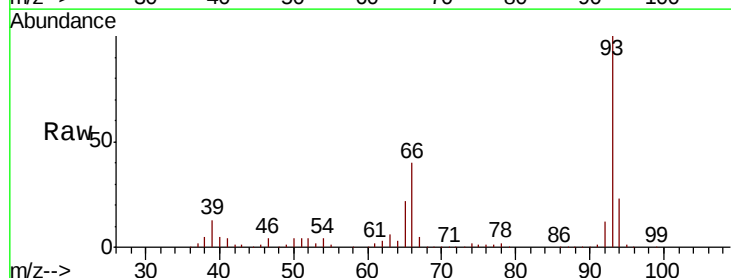
Tgt Ion: 93 Resp: 716311

Ion Ratio Lower Upper

93 100

66 40.2 30.0 45.0

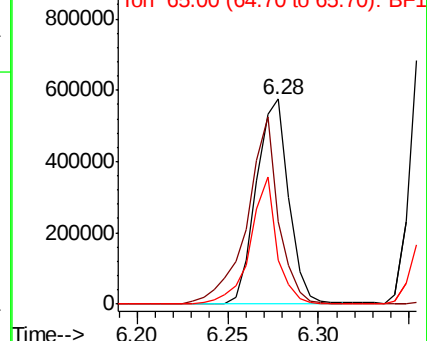
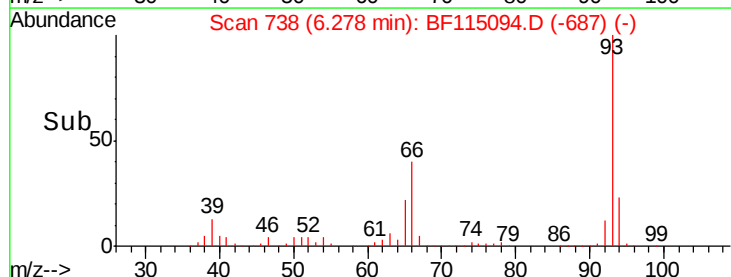
65 21.7 15.6 23.4



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: 110.929 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 2104185

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

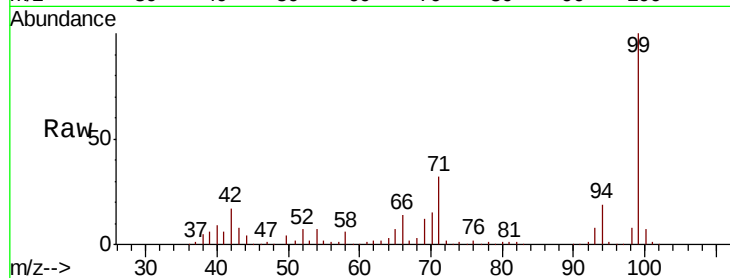
71 32.2 25.5 38.3

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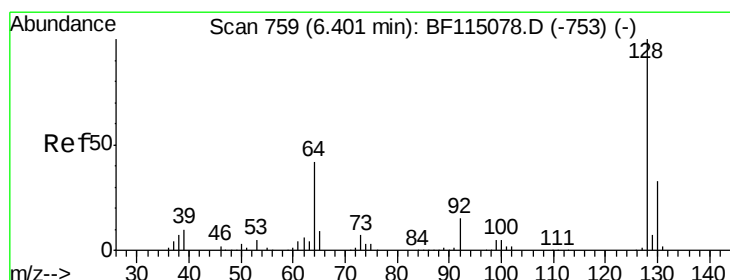
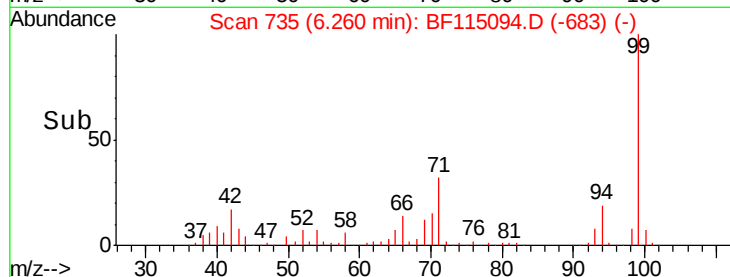
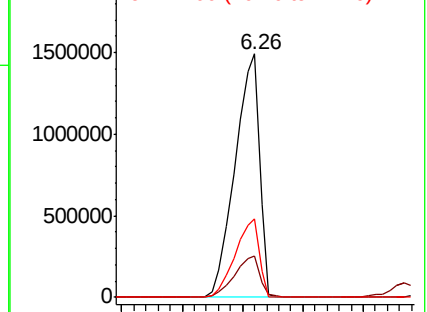
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.545 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

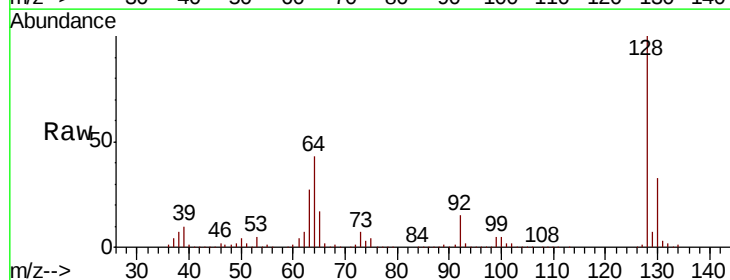
Tgt Ion:128 Resp: 747651

Ion Ratio Lower Upper

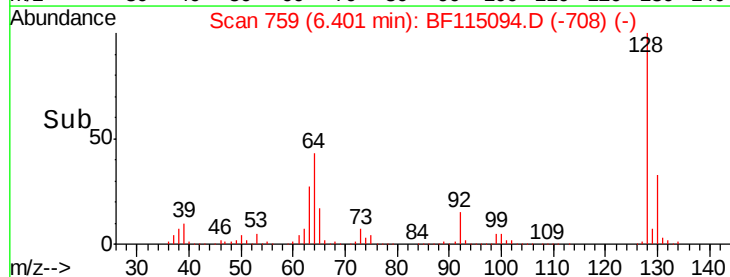
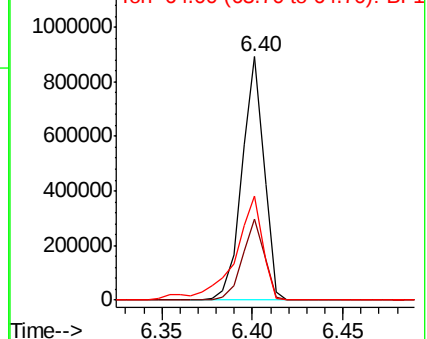
128 100

130 33.4 12.9 52.9

64 42.9 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: 9.381 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

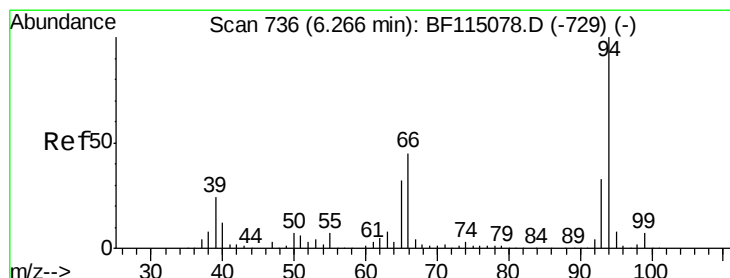
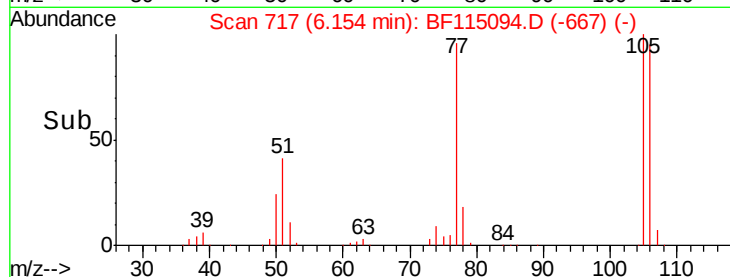
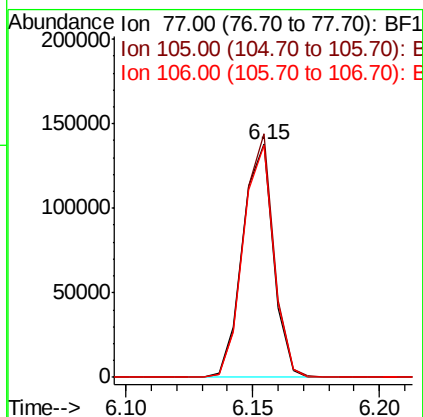
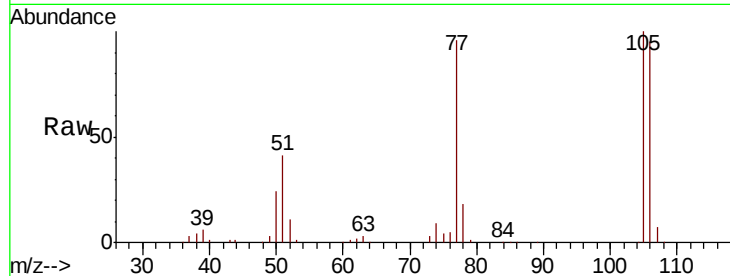
ClientSampleId :

PB120753BSD

Tot Ion:	77	Resp:	116096
Ion	Ratio	Lower	Upper
77	100		
105	104.6	81.5	121.5
106	99.5	79.7	119.7

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#10

Phenol

Concen: 39.736 ng

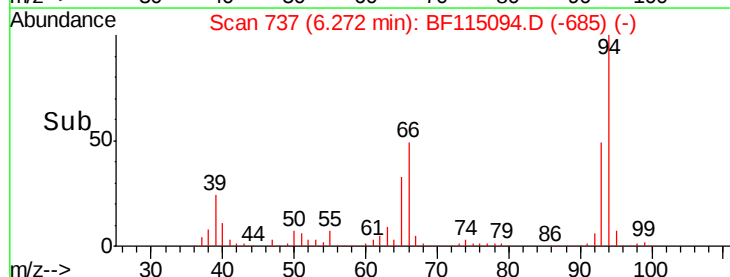
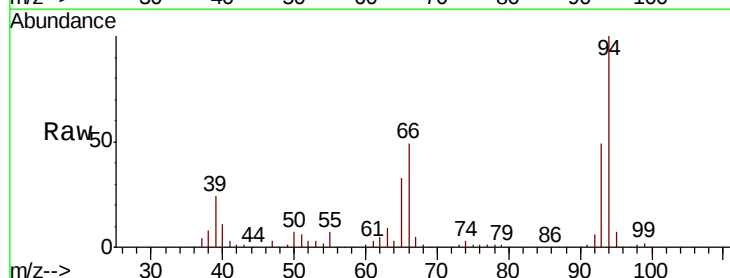
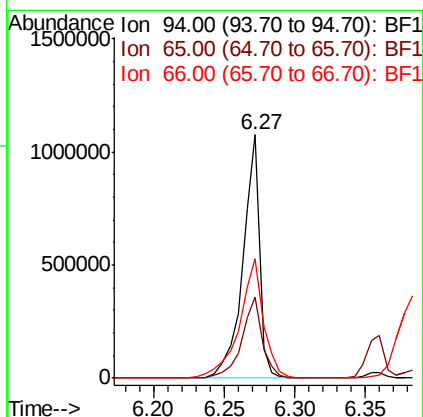
RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:	94	Resp:	882911
Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.9	51.9
66	48.8	25.2	65.2





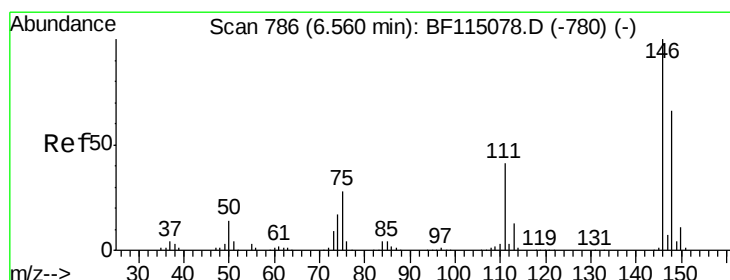
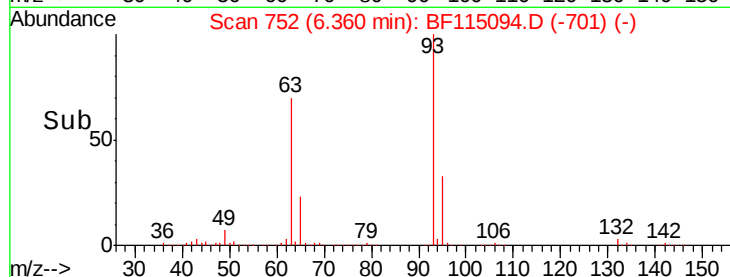
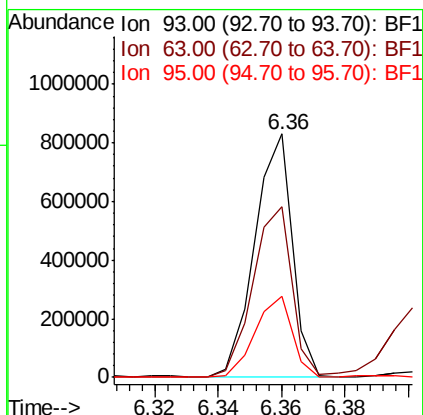
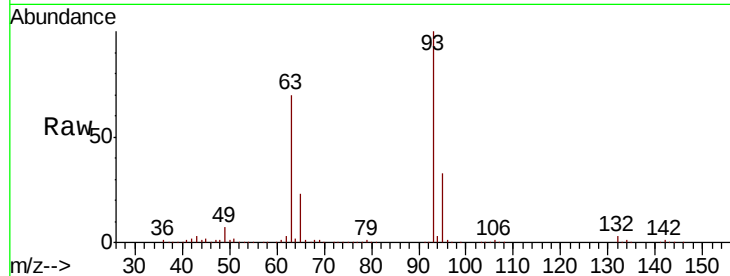
#11
bis(2-Chloroethyl)ether
Concen: 41.366 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	51.5	91.5
95	33.3	13.4	53.4

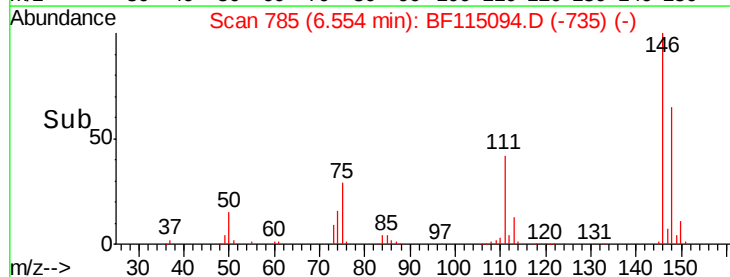
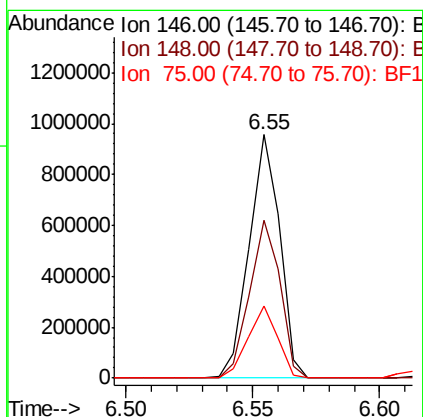
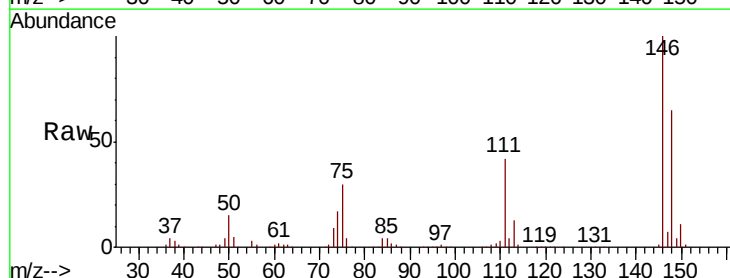
Manual Integrations
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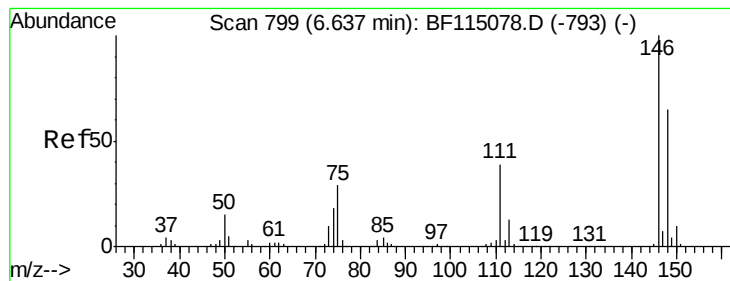
mohammad
6/25/2019 12:41:23 PM



#12
1,3-Dichlorobenzene
Concen: 41.352 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.6	78.8
75	29.7	22.6	34.0





#13

1,4-Dichlorobenzene

Concen: 41.590 ng

RT: 6.63 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

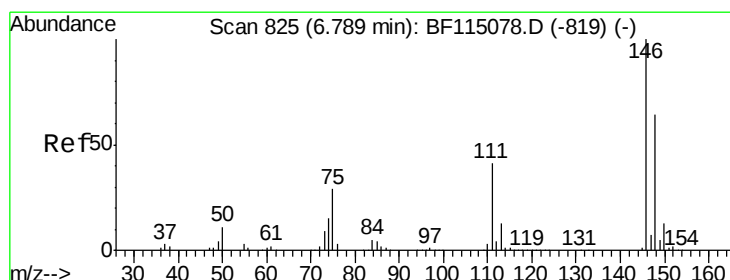
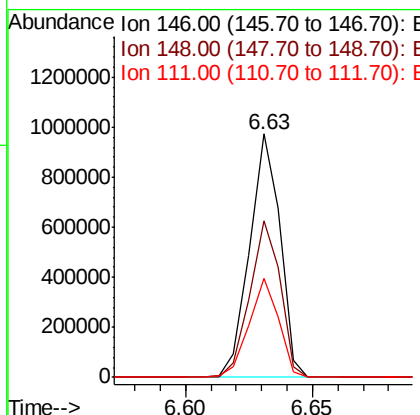
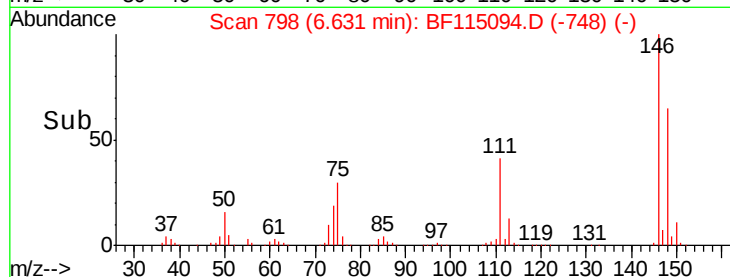
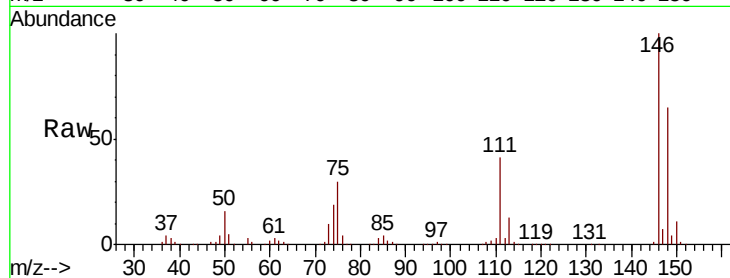
ClientSampleId :

PB120753BSD

Tot Ion:	146	Resp:	813366
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.9	77.9
111	40.8	31.4	47.0

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.843 ng

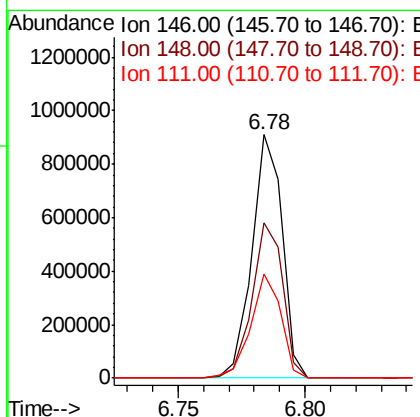
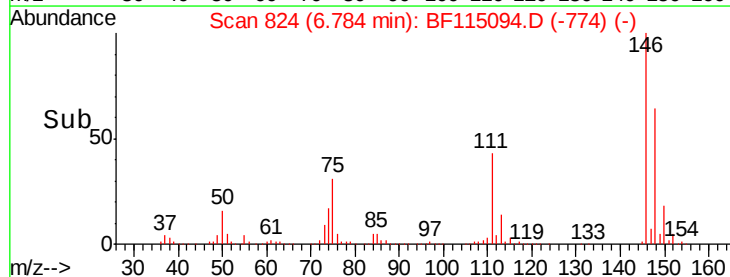
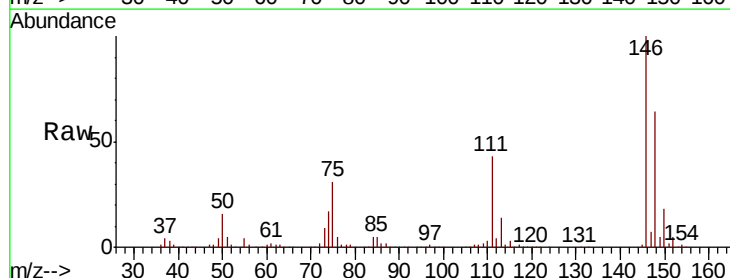
RT: 6.78 min Scan# 824

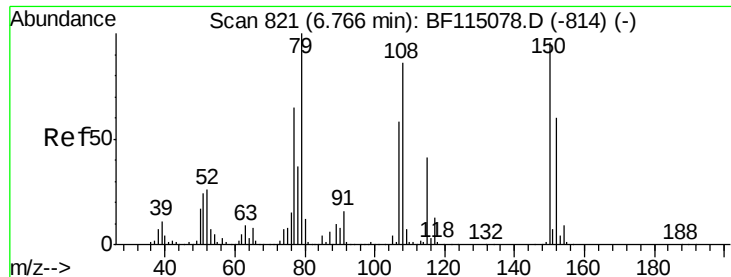
Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:	146	Resp:	757808
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.1	76.7
111	43.0	33.2	49.8





#15

Benzyl Alcohol

Concen: 41.938 ng

RT: 6.76 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

PB120753BSD

Tot Ion: 79 Resp: 579263

Ion Ratio Lower Upper

79 100

108 83.6 68.7 103.1

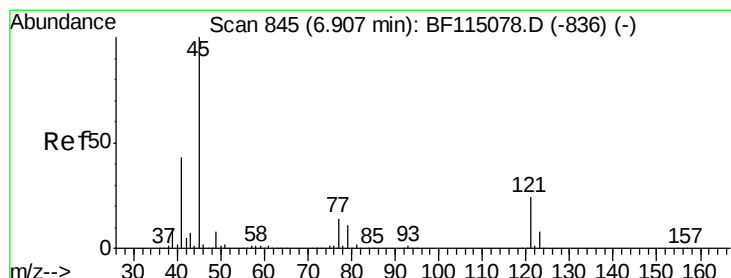
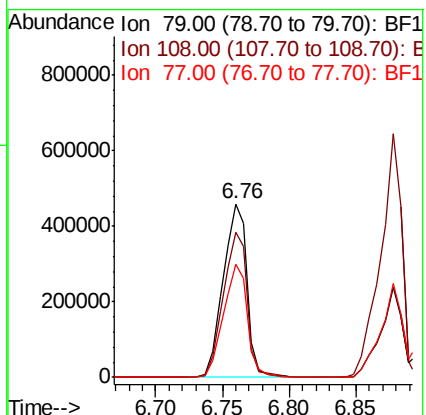
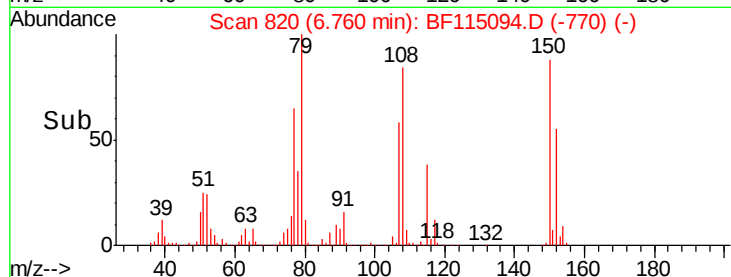
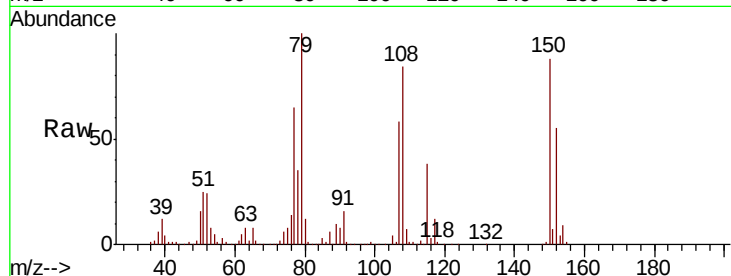
77 65.2 51.7 77.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.366 ng

RT: 6.90 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

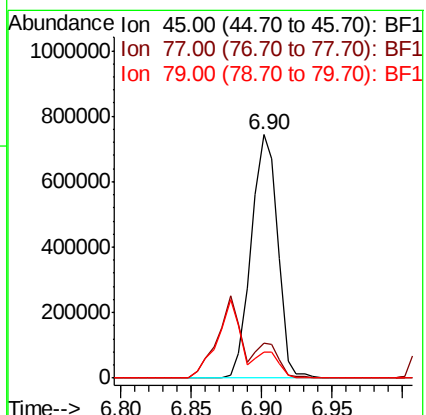
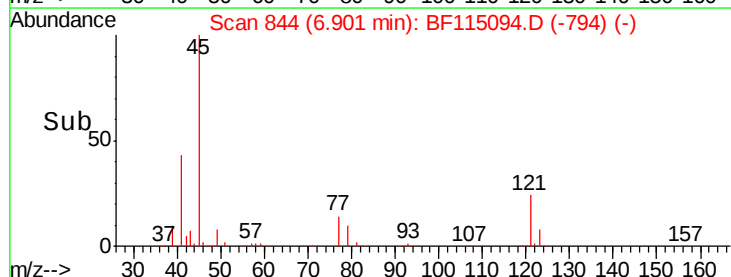
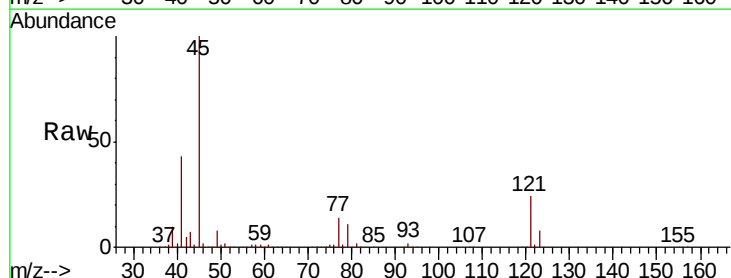
Tgt Ion: 45 Resp: 982665

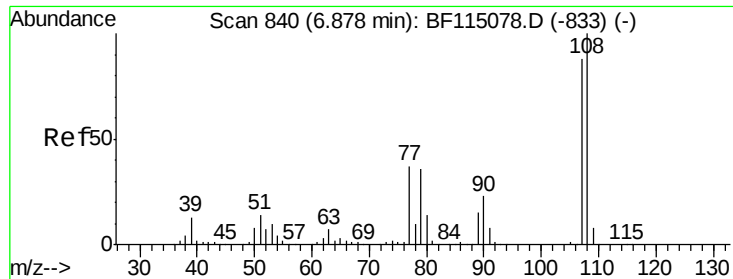
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.6

79 10.9 0.0 31.2





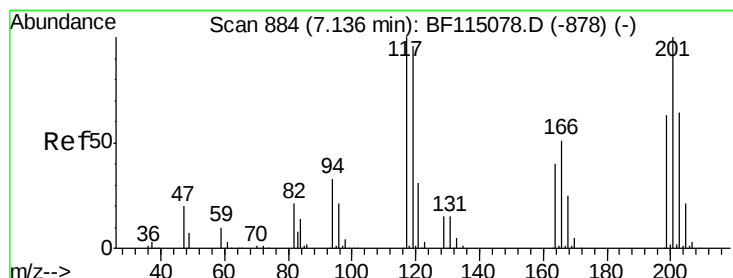
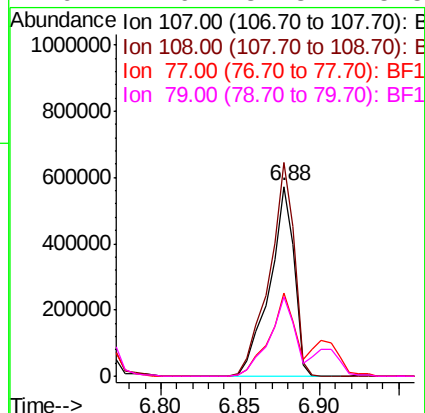
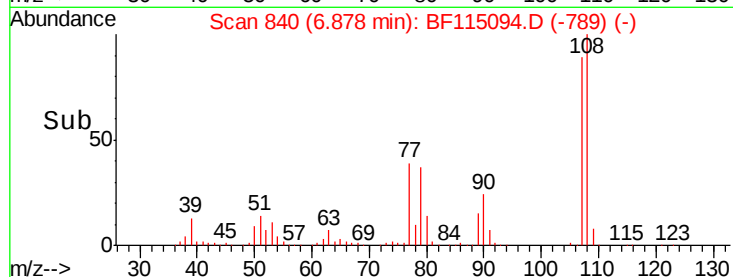
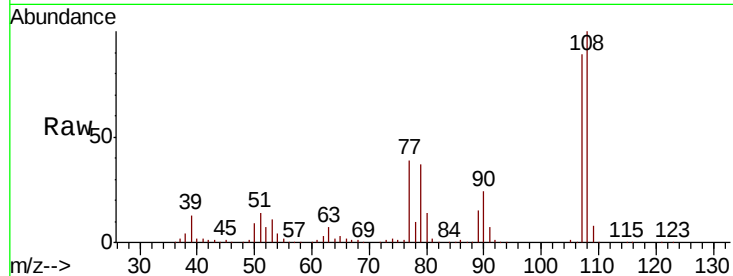
#17
2-Methylphenol
Concen: 42.857 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion:	107	Resp:	621654
Ion Ratio	Lower	Upper	
107	100		
108	112.6	90.9	136.3
77	43.7	33.4	50.2
79	41.6	32.3	48.5

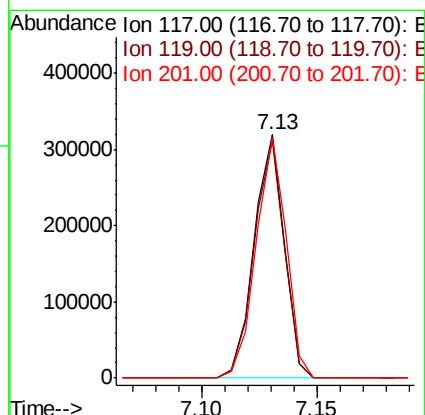
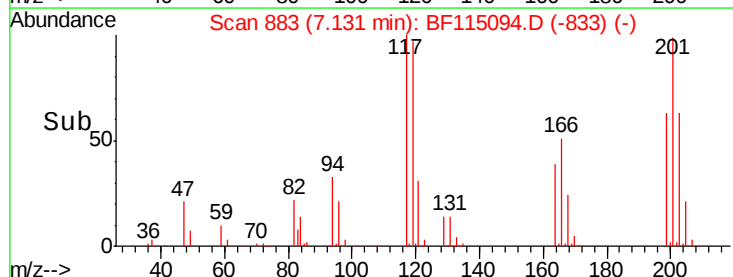
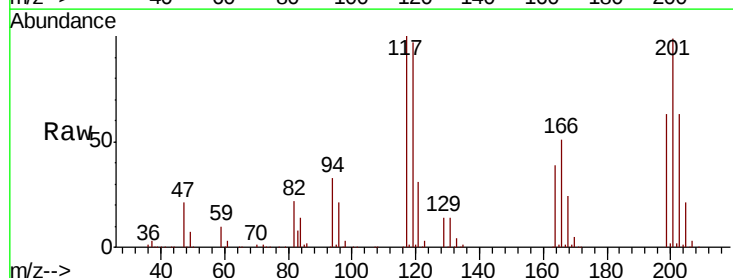
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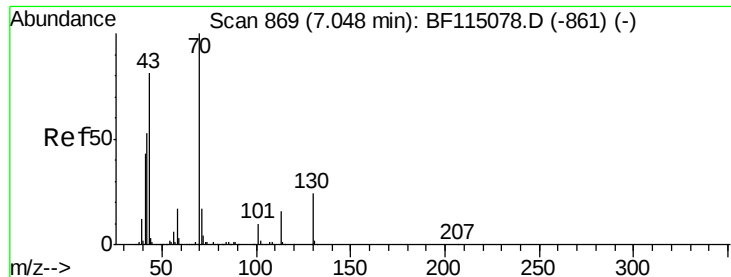
mohammad
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#18
Hexachloroethane
Concen: 41.403 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:	117	Resp:	291917
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.6	114.8
201	99.1	80.2	120.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.519 ng

RT: 7.04 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

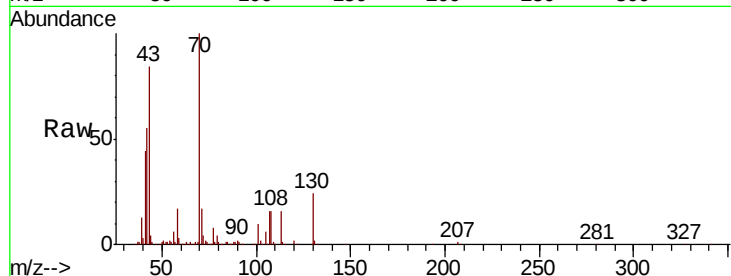
ClientSampleId :

PB120753BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.5	42.6	63.8	
101	10.0	8.0	12.0	
130	23.5	19.4	29.0	

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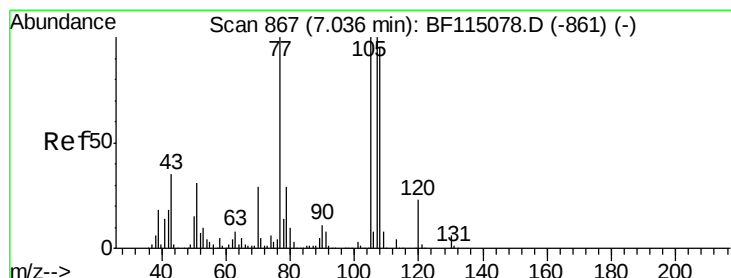
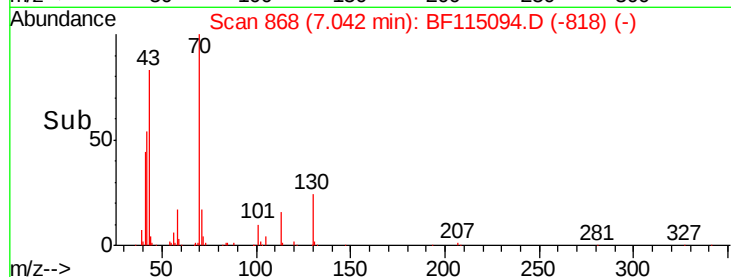
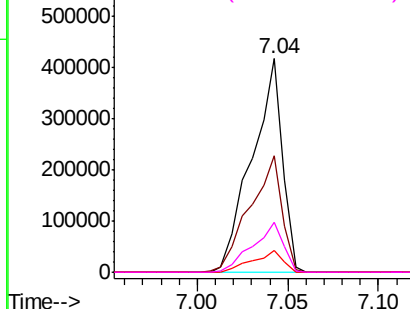
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.773 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	75.5	115.5	
77	100.7	80.2	120.2	
79	27.1	9.5	49.5	

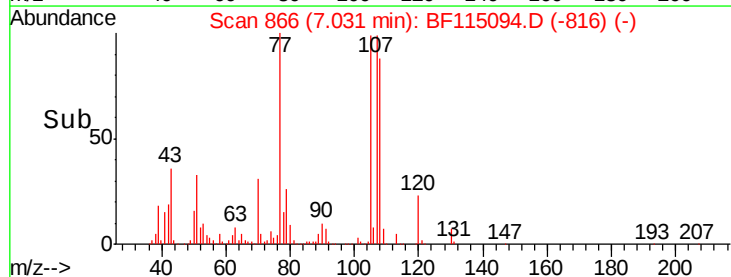
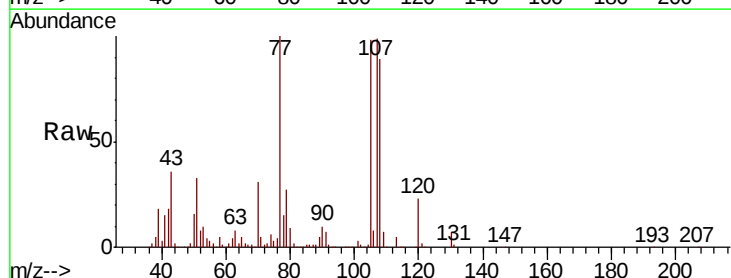
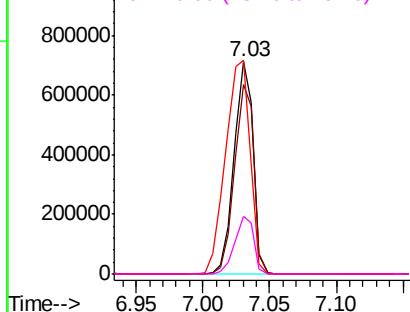
Abundance

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





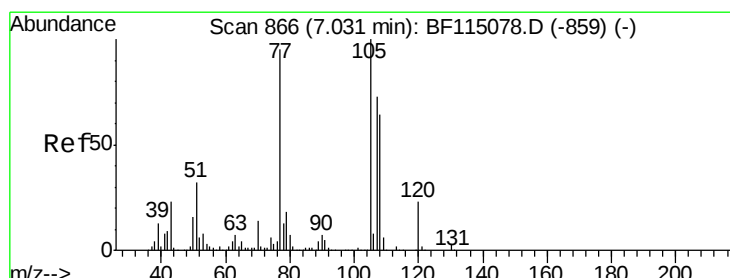
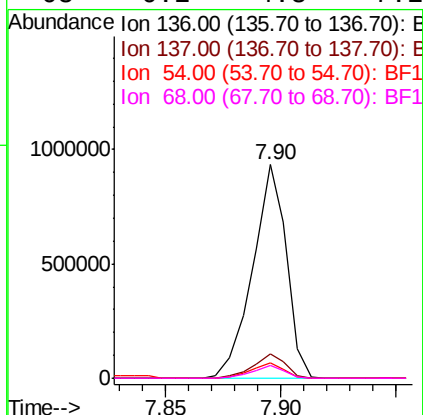
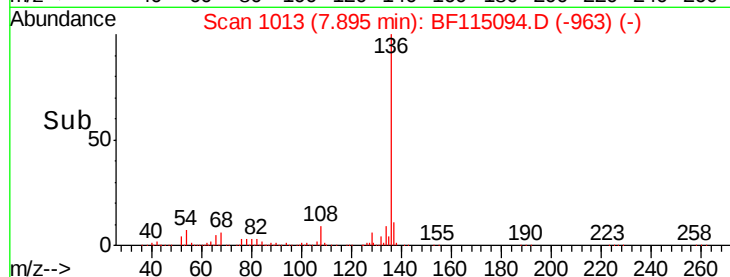
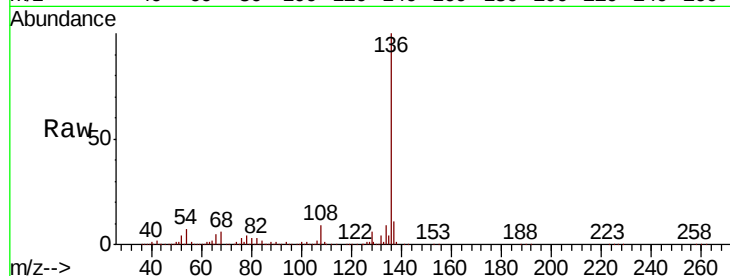
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3	8.9	13.3		
54	7.2	5.6	8.4		
68	6.2	4.8	7.2		

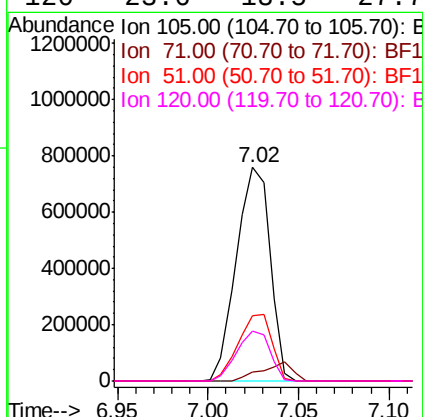
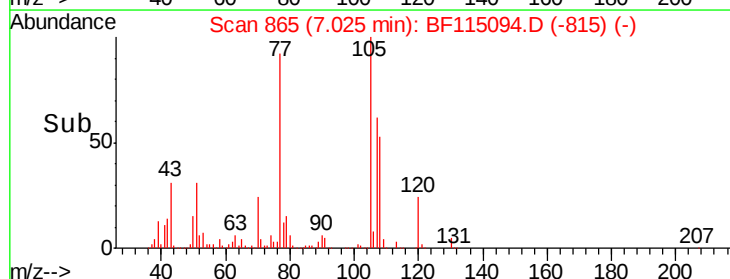
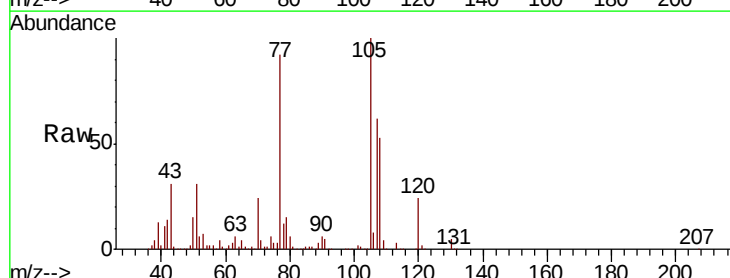
Manual Integrations
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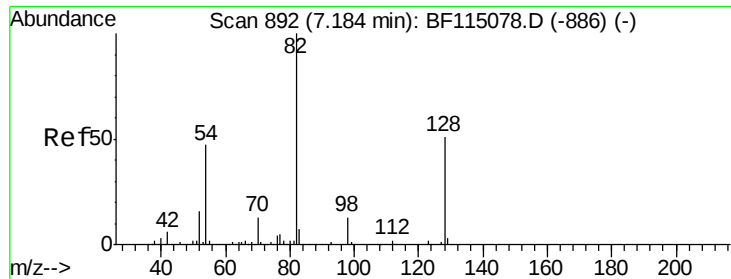
mohammad
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#22
Acetophenone
Concen: 45.176 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.0	1.9	2.9#		
51	30.6	25.8	38.8		
120	23.6	18.5	27.7		





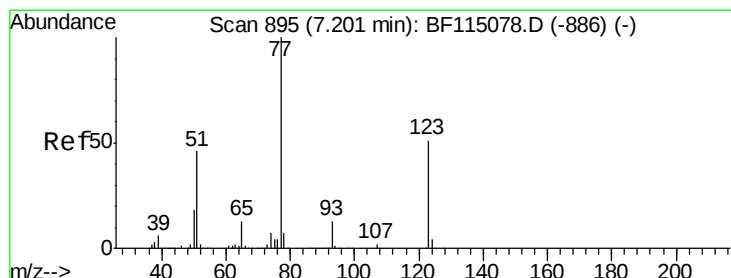
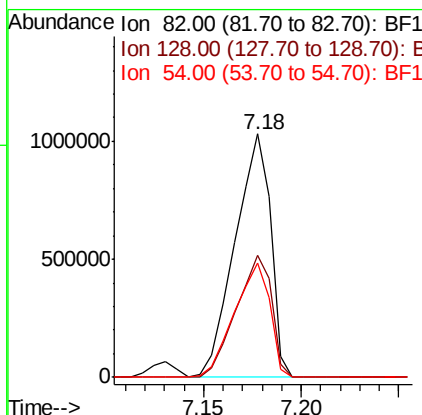
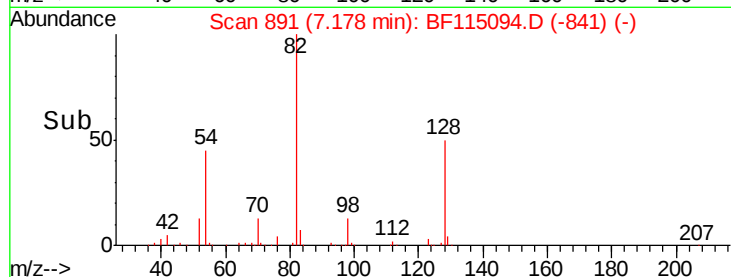
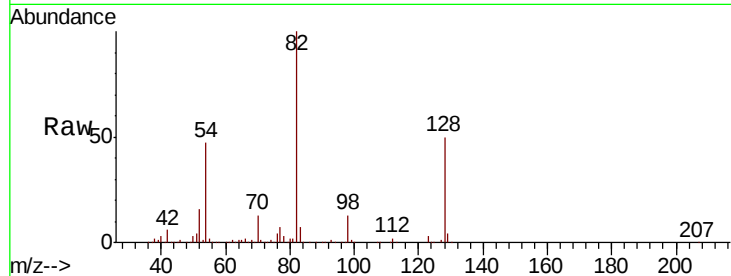
#23
Nitrobenzene-d5
Concen: 84.215 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.4	60.6
54	46.8	37.5	56.3

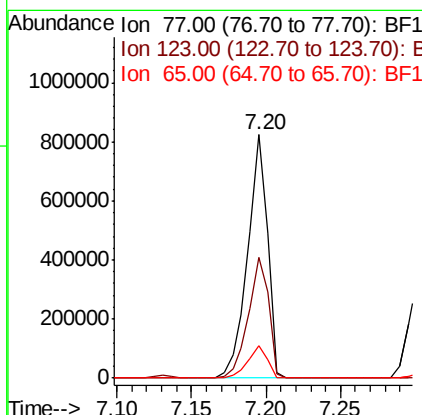
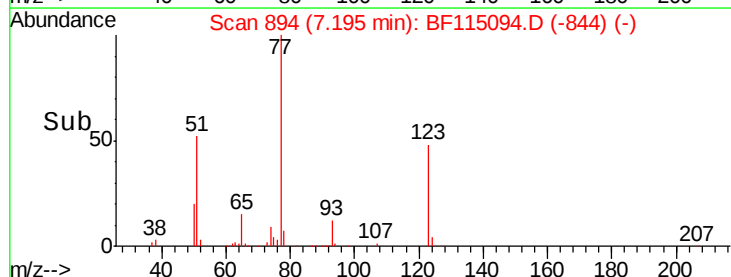
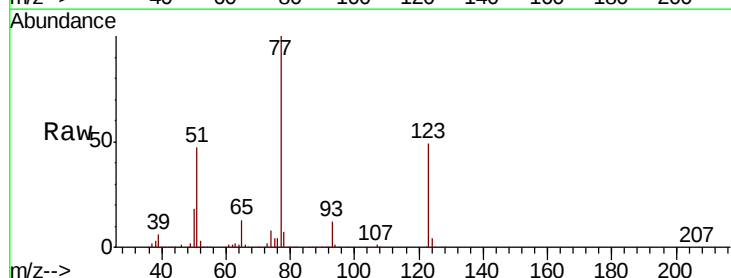
Manual Integrations
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#24
Nitrobenzene
Concen: 44.517 ng
RT: 7.20 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	41.0	61.6
65	13.2	10.5	15.7





#25

Isophorone

Concen: 44.240 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampled :

PB120753BSD

Tot Ion: 82 Resp: 1400316

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

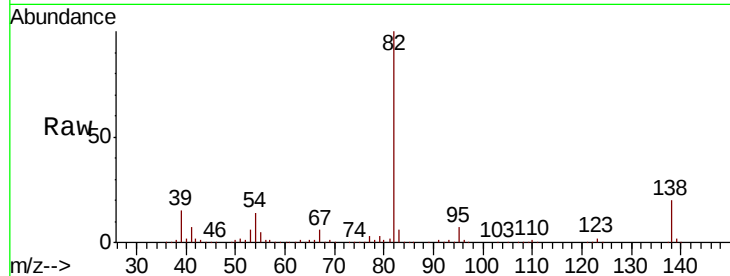
138 19.5 15.9 23.9

Manual Integrations

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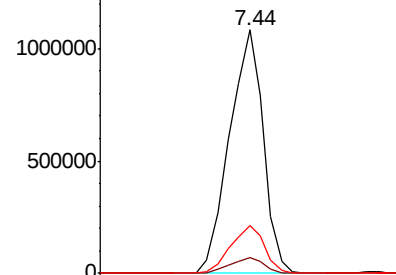
6/25/2019 12:41:23 PM



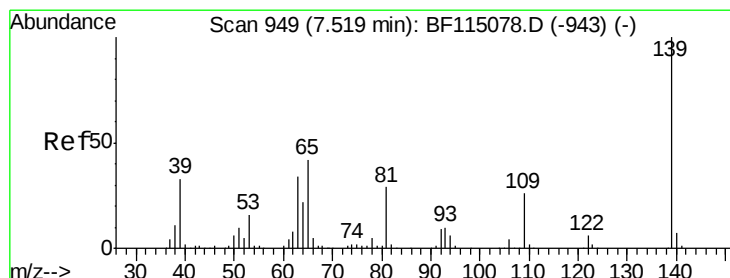
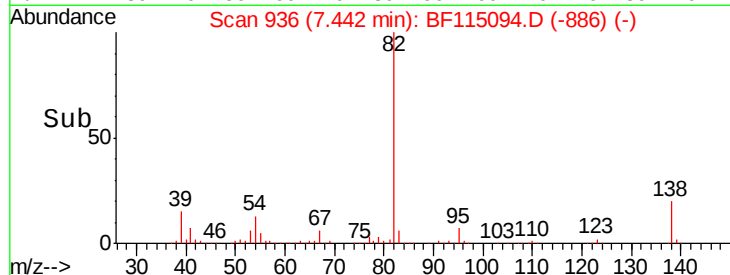
Abundance Ion 82.00 (81.70 to 82.70): BF115078.D (-930) (-)

Ion 95.00 (94.70 to 95.70): BF115094.D (-886) (-)

Ion 138.00 (137.70 to 138.70): BF115094.D (-886) (-)



Time-->



#26

2-Nitrophenol

Concen: 48.058 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

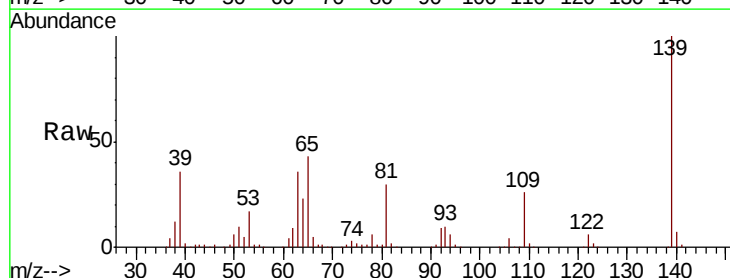
Tgt Ion: 139 Resp: 403995

Ion Ratio Lower Upper

139 100

109 25.9 20.4 30.6

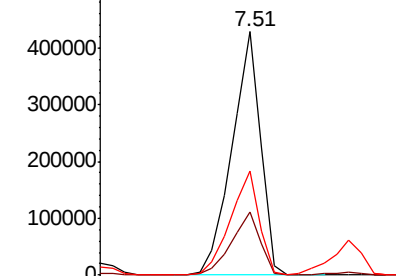
65 42.7 33.6 50.4



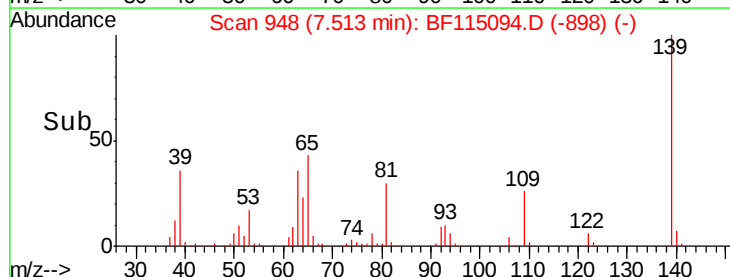
Abundance Ion 139.00 (138.70 to 139.70): BF115078.D (-943) (-)

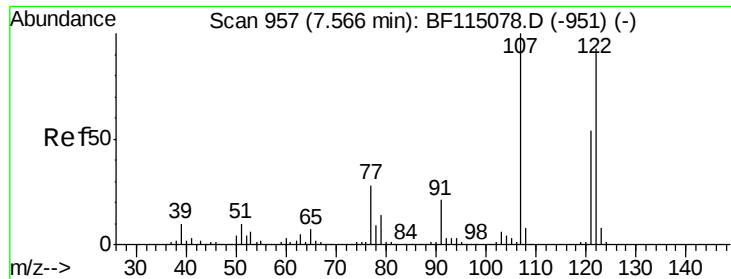
Ion 109.00 (108.70 to 109.70): BF115094.D (-898) (-)

Ion 65.00 (64.70 to 65.70): BF115094.D (-898) (-)



Time-->





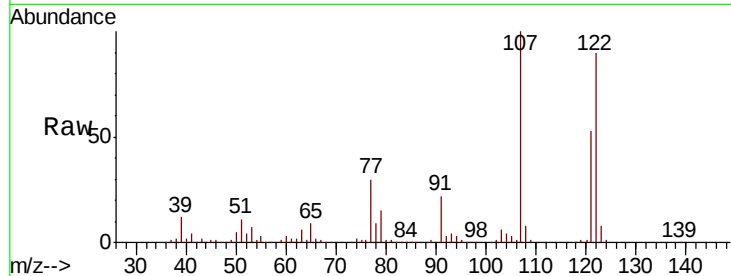
#27
2,4-Dimethylphenol
Concen: 50.648 ng
RT: 7.56 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	697107		
107	110.9	85.8	128.6	
121	58.8	46.3	69.5	

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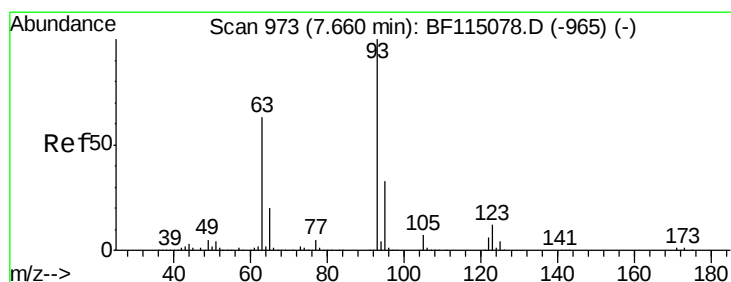
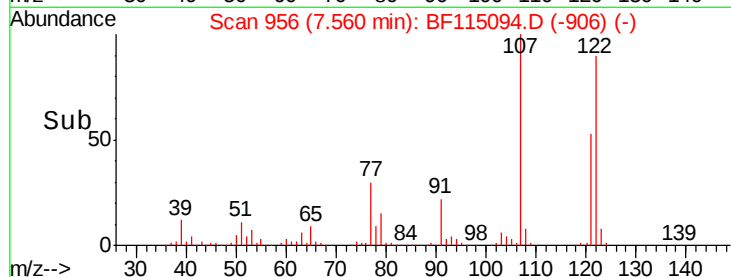
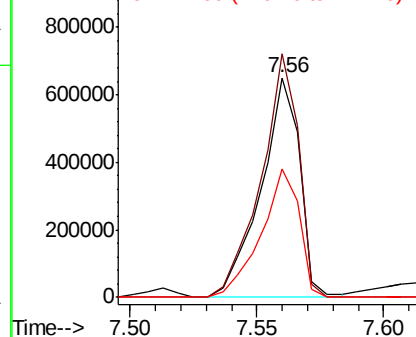


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.882 ng
RT: 7.66 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

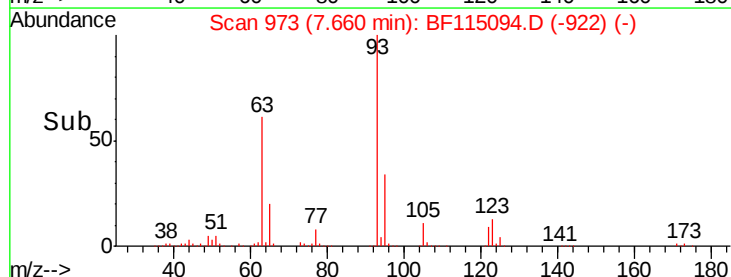
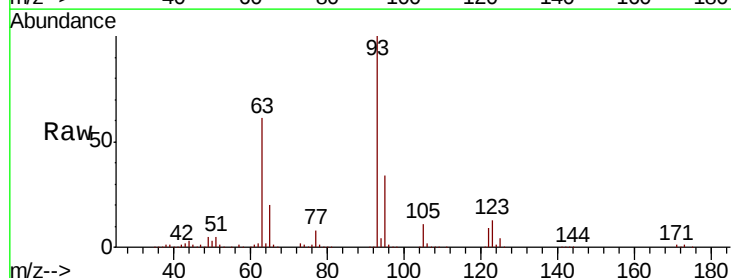
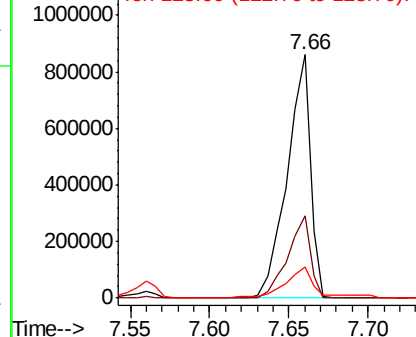
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	877898		
95	33.6	26.2	39.4	
123	12.9	9.7	14.5	

Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





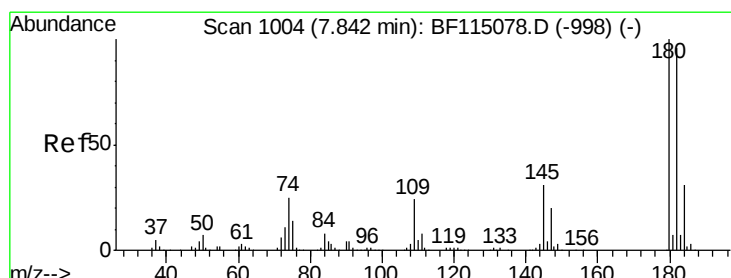
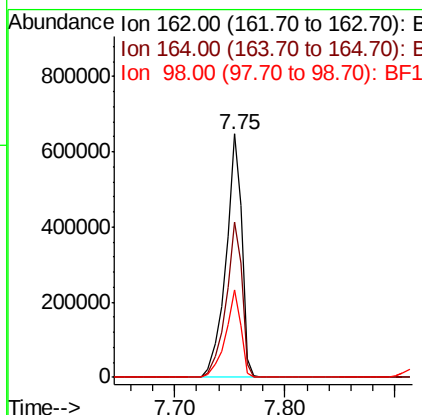
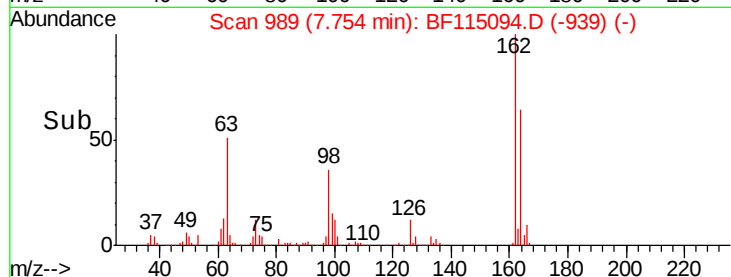
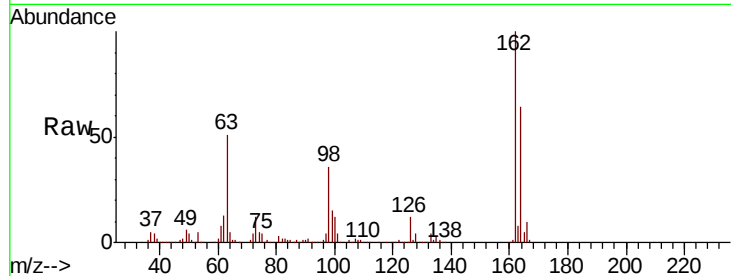
#29
2,4-Dichlorophenol
Concen: 45.838 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	651092		
164	63.8	45.3	85.3	
98	35.8	12.5	52.5	

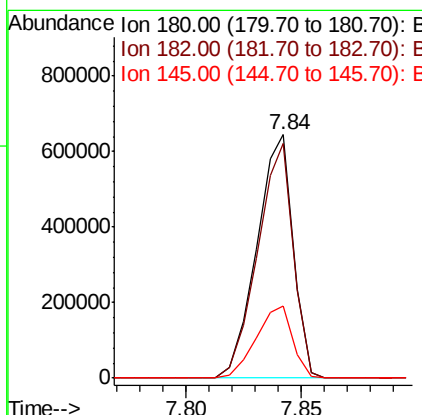
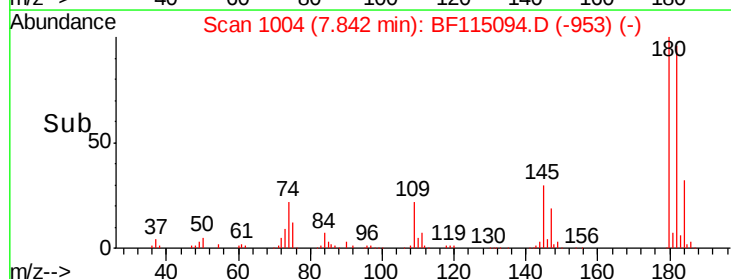
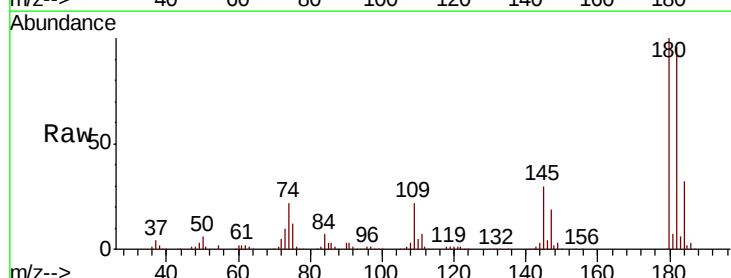
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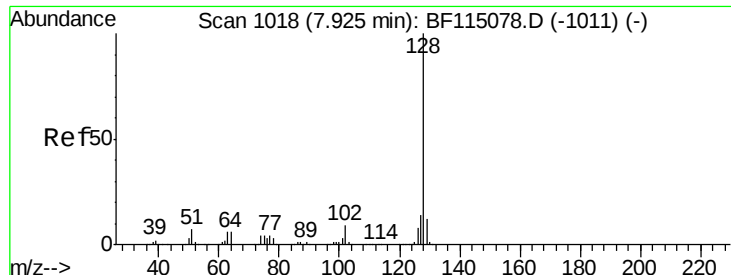
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#30
1,2,4-Trichlorobenzene
Concen: 44.896 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	704398		
182	96.3	76.4	114.6	
145	29.6	24.8	37.2	





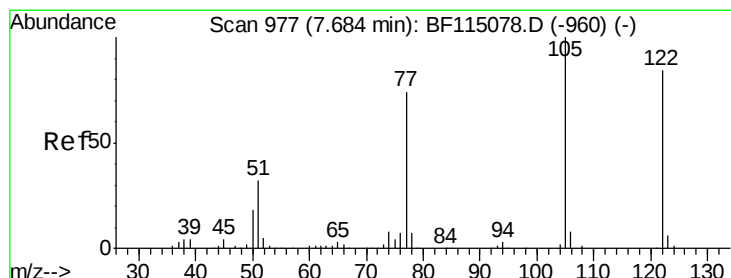
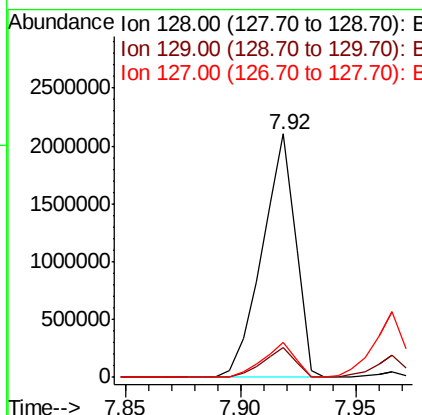
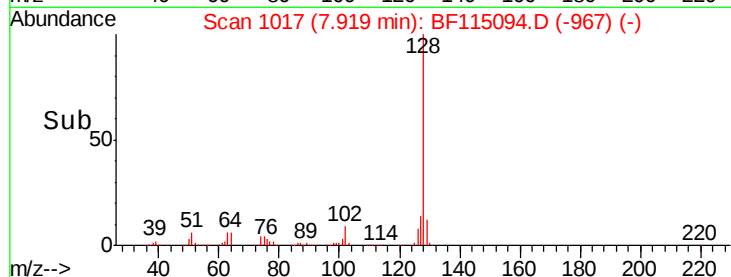
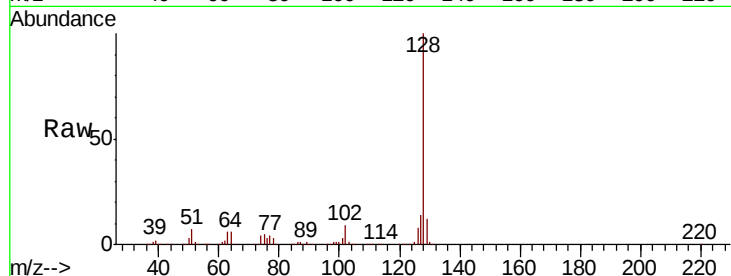
#31
Naphthalene
Concen: 45.365 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion:128 Resp: 2116646
Ion Ratio Lower Upper
128 100
129 12.0 9.6 14.4
127 14.4 11.4 17.0

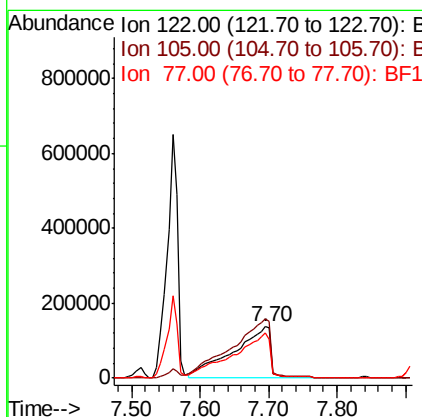
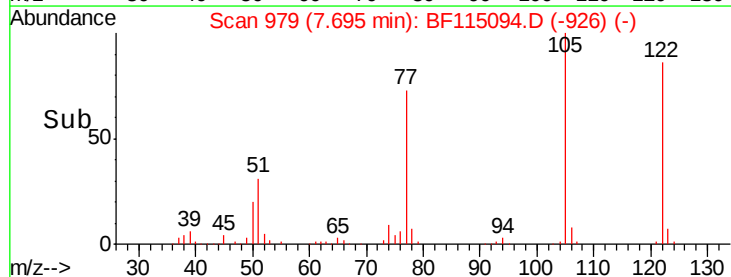
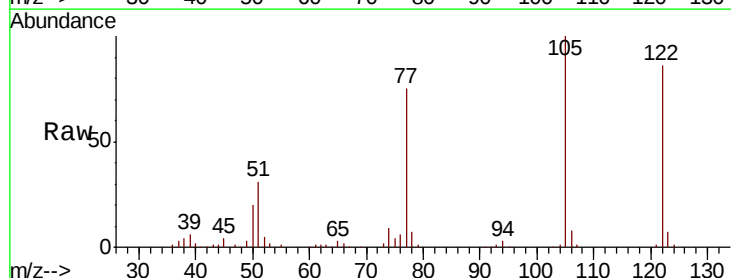
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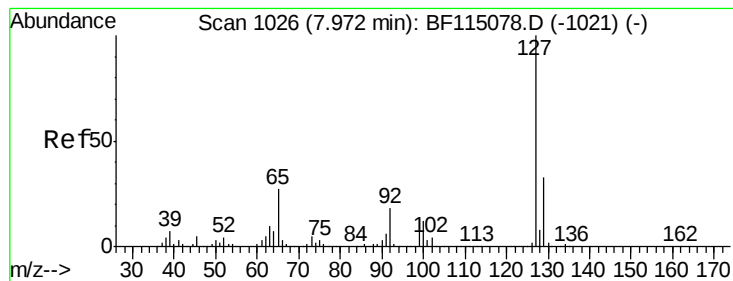
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#32
Benzoic acid
Concen: 54.387 ng
RT: 7.70 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:122 Resp: 534347
Ion Ratio Lower Upper
122 100
105 116.0 98.2 138.2
77 86.9 67.0 107.0





#33

4-Chloroaniline

Concen: 24.417 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

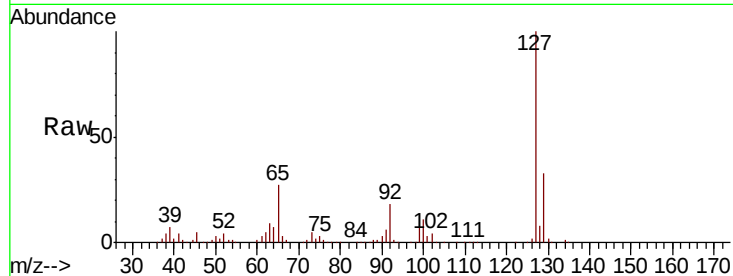
ClientSampled :

PB120753BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.7	26.1	39.1
65	26.8	21.4	32.2
92	17.6	14.1	21.1

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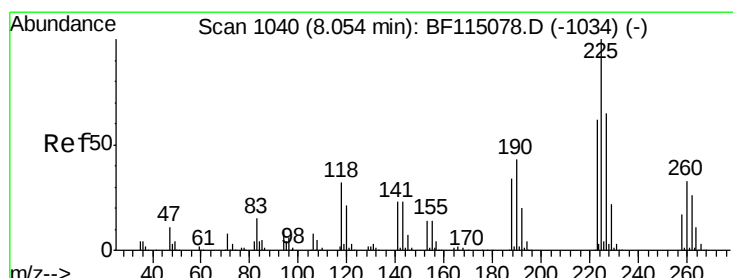
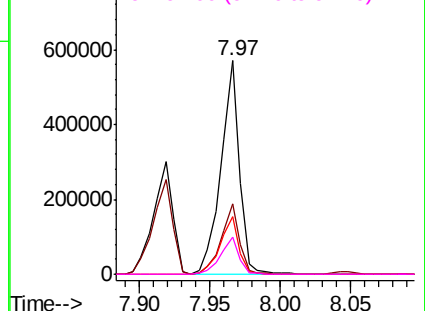
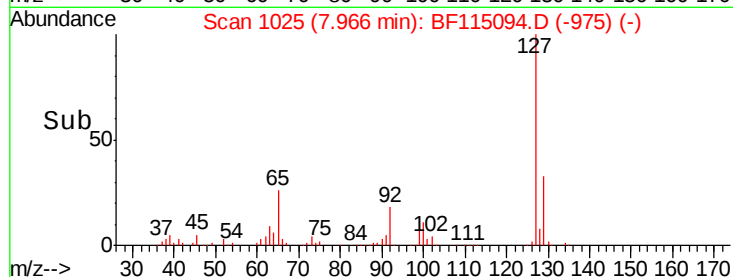
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 43.391 ng

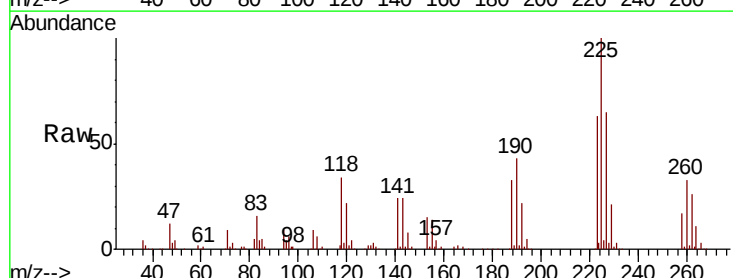
RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.1	49.4	74.2
227	64.9	51.8	77.8

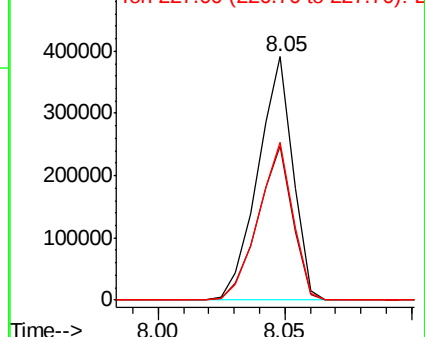
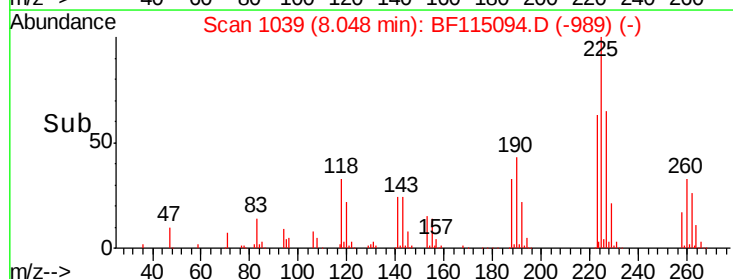


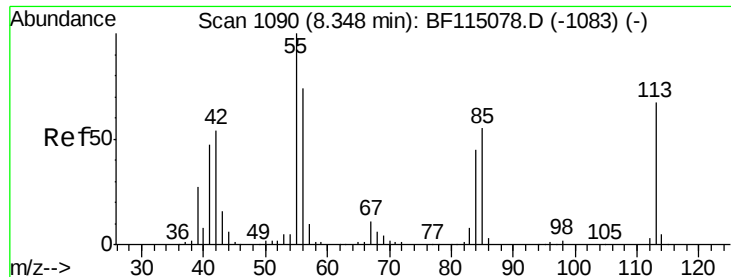
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





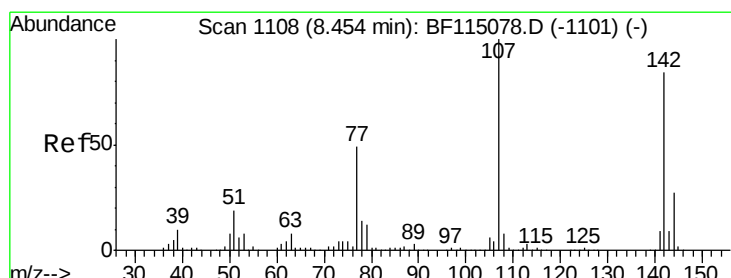
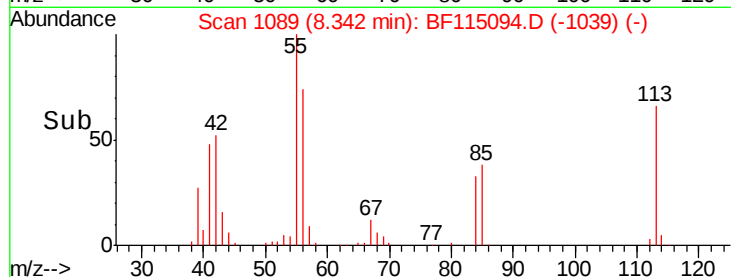
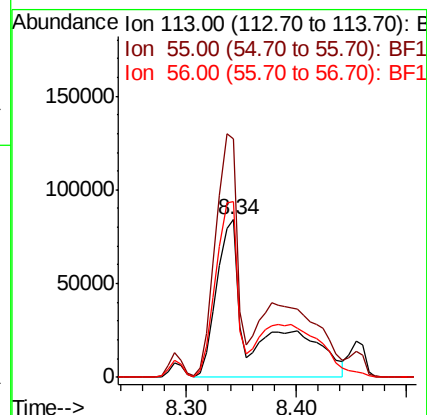
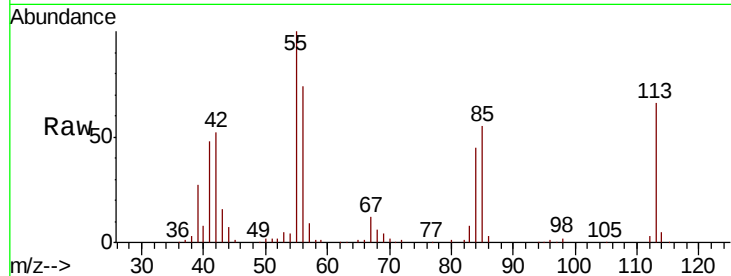
#35
Caprolactam
Concen: 43.750 ng/ml
RT: 8.34 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	151.5	130.2	170.2	
56	111.8	91.6	131.6	

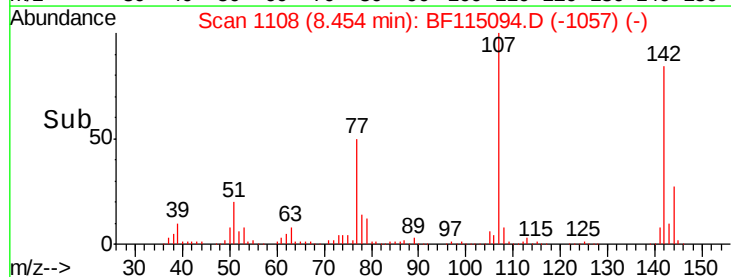
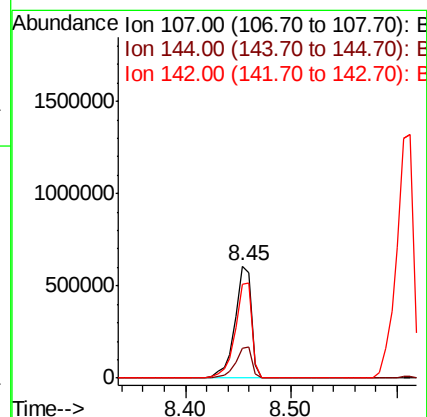
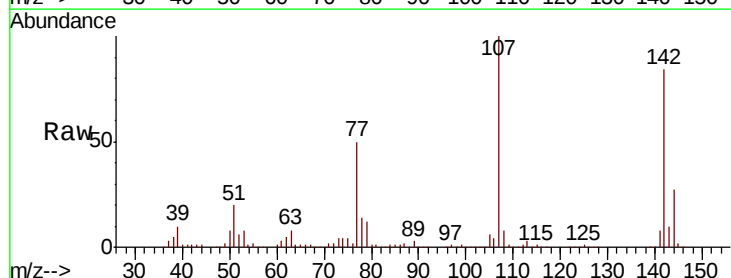
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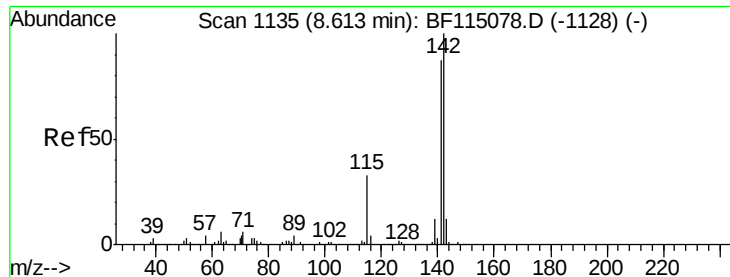
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#36
4-Chloro-3-methylphenol
Concen: 45.079 ng/ml
RT: 8.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.1	21.7	32.5	
142	83.9	67.0	100.4	





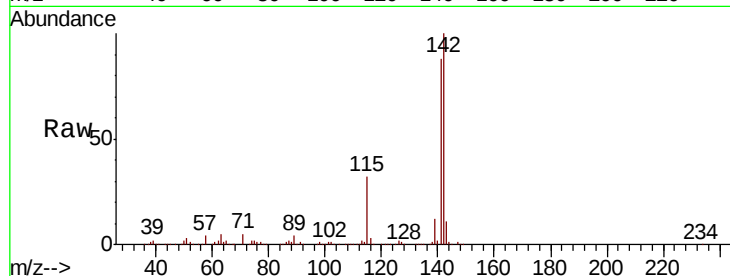
#37
2-Methylnaphthalene
Concen: 46.416 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.6
115	32.2	26.7	40.1

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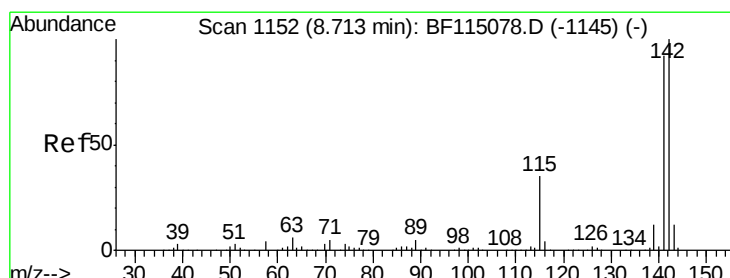
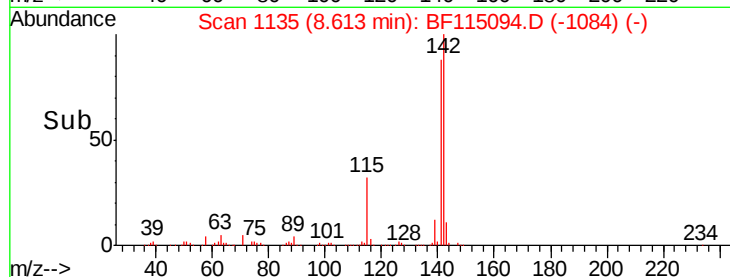
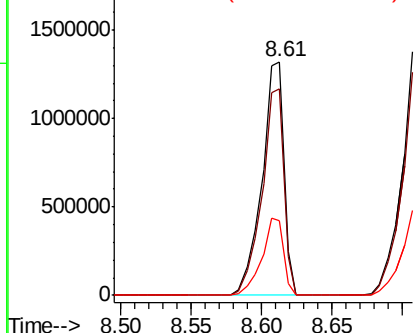


Abundance

Ion 142.00 (141.70 to 142.70): E

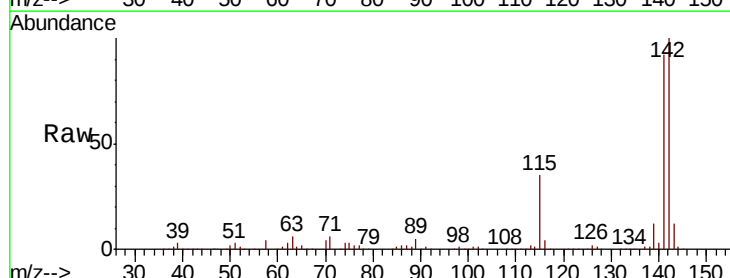
Ion 141.00 (140.70 to 141.70): E

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: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.8	110.8
116	3.6	2.8	4.2

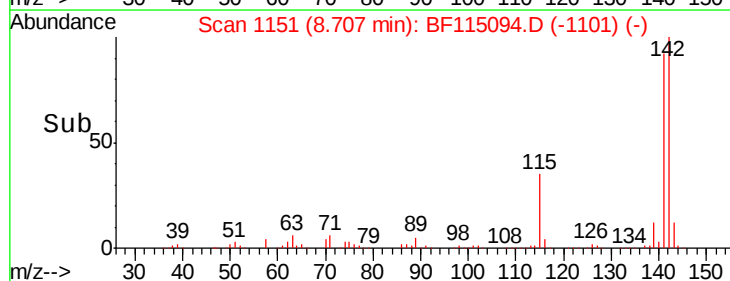
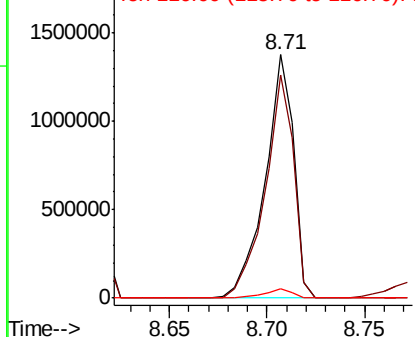


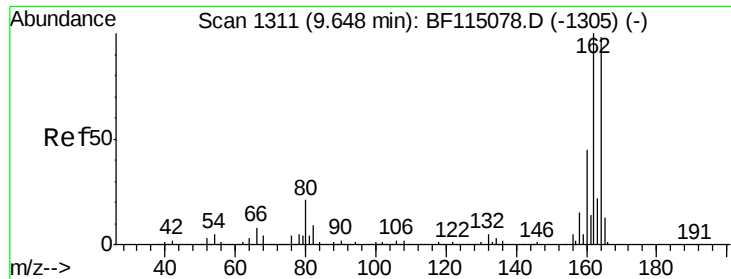
Abundance

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





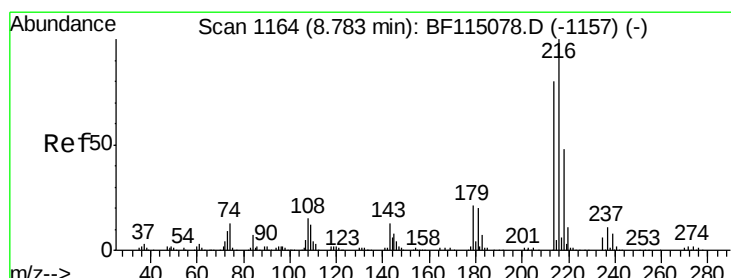
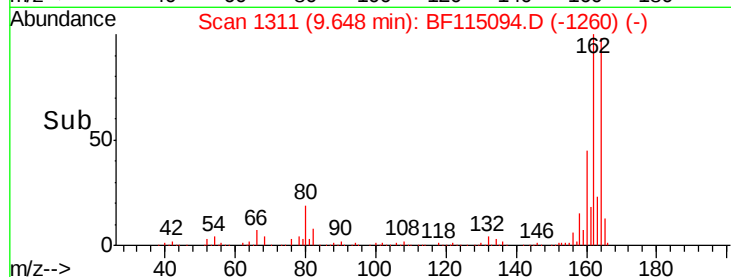
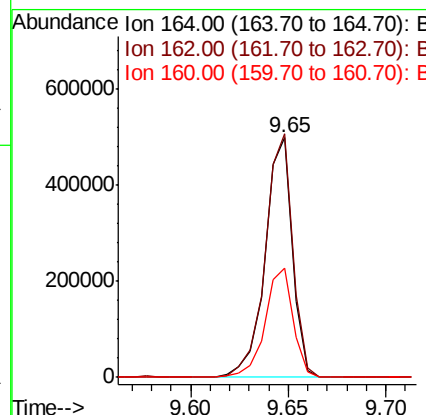
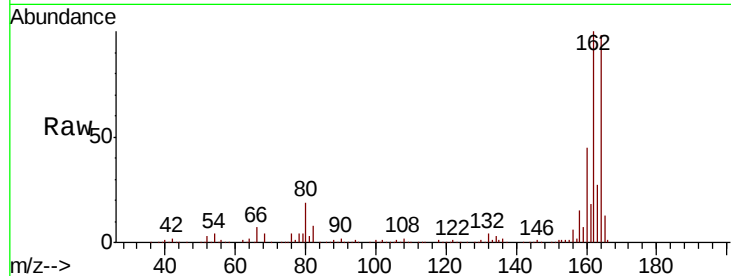
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	45.7	37.0	55.4

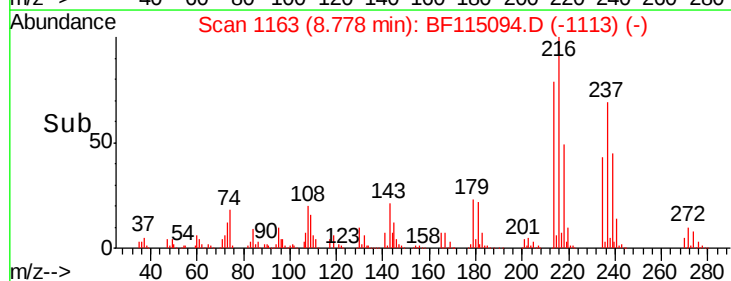
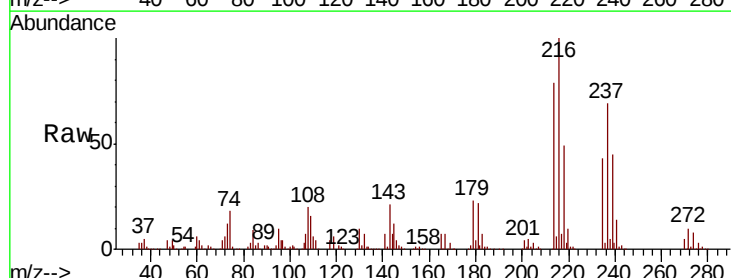
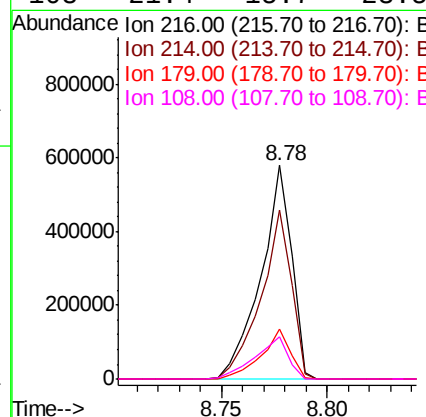
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.405 ng
RT: 8.78 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	22.2	17.6	26.4
108	21.4	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 90.886 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

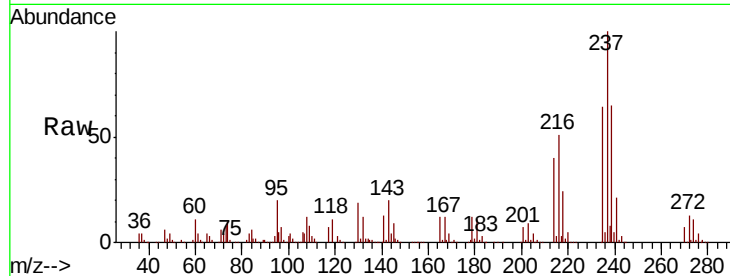
ClientSampleId :

PB120753BSD

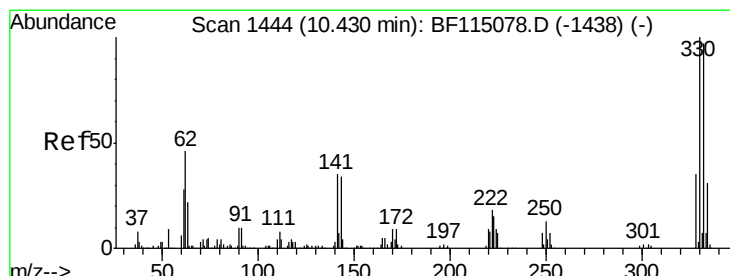
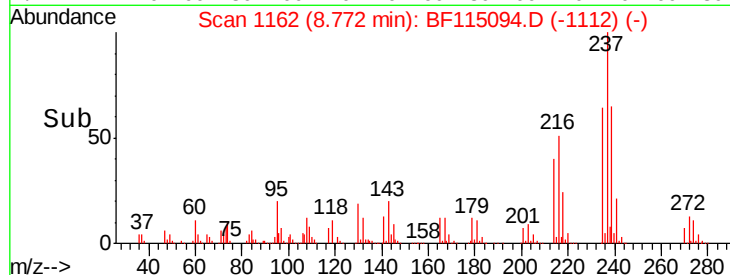
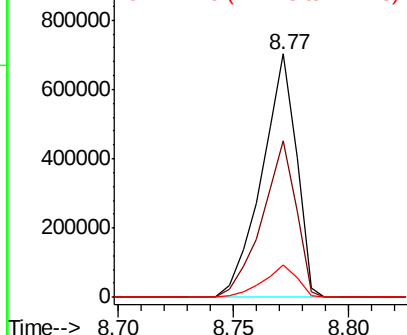
Tot Ion:	237	Resp:	730618
Ion Ratio	Lower	Upper	
237	100		
235	64.3	43.9	83.9
272	13.4	0.0	33.8

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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: 120.460 ng

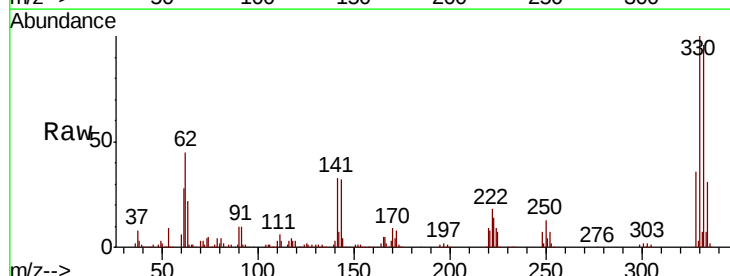
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

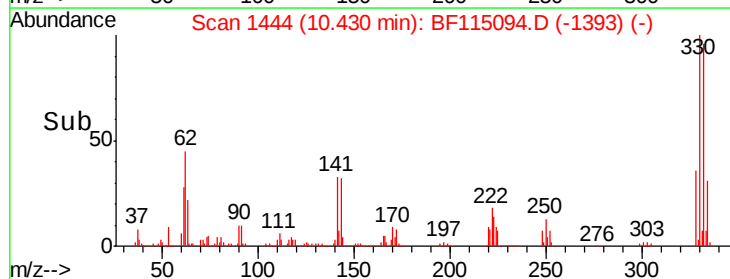
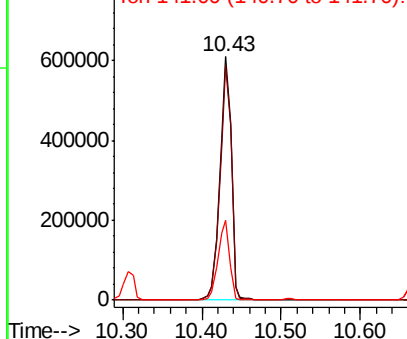
Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:	330	Resp:	609430
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.3	115.9
141	33.3	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





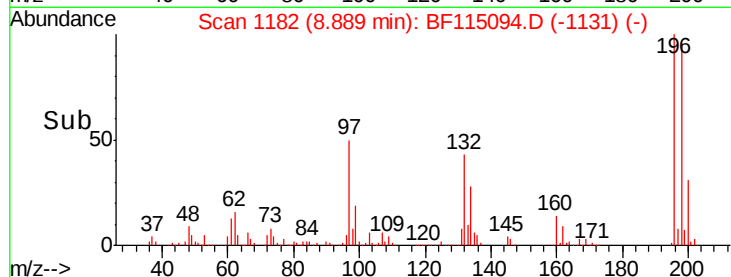
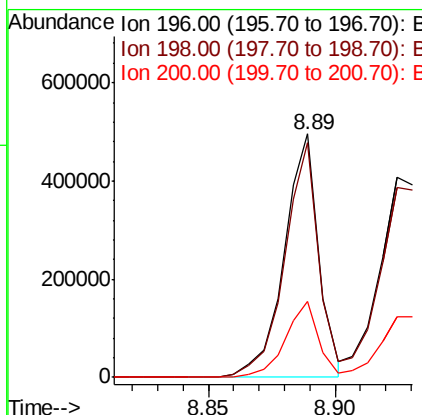
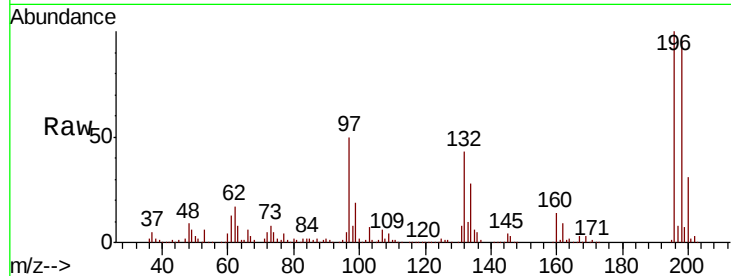
#43
 2,4,6-Trichlorophenol
 Concen: 44.821 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

Tot Ion:	196	Resp:	469125
Ion Ratio	Lower	Upper	
196	100		
198	96.3	76.3	114.5
200	31.4	24.2	36.4

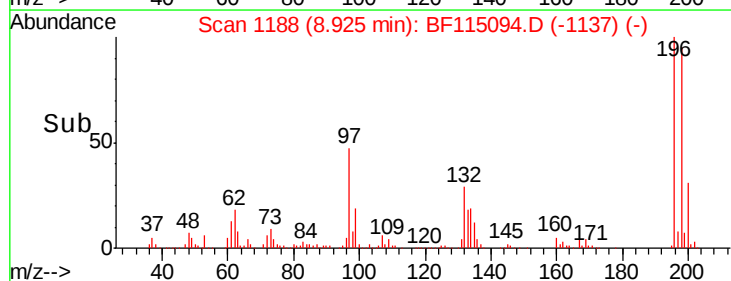
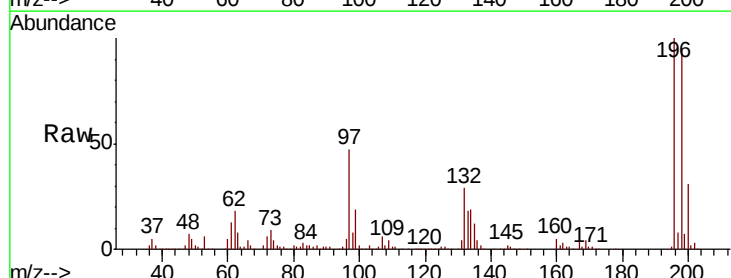
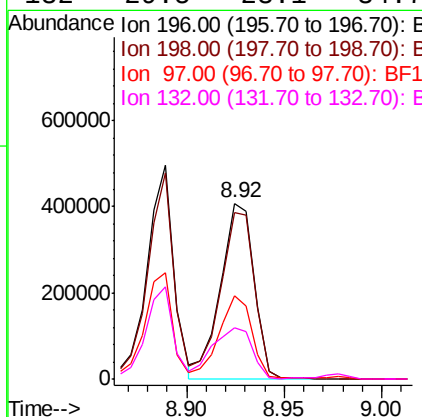
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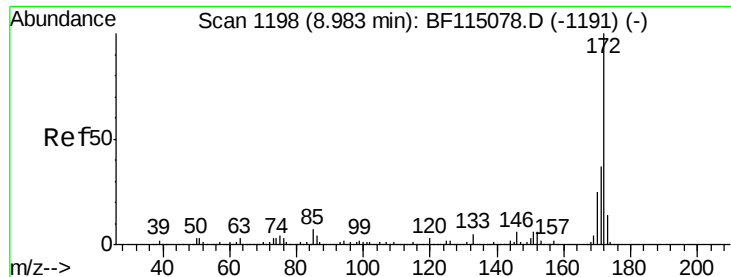
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#44
 2,4,5-Trichlorophenol
 Concen: 45.131 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion:	196	Resp:	486448
Ion Ratio	Lower	Upper	
196	100		
198	95.0	77.1	115.7
97	47.1	37.7	56.5
132	29.5	23.1	34.7





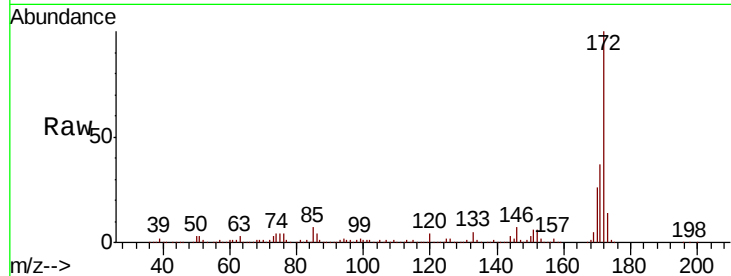
#45
2-Fluorobiphenyl
Concen: 87.763 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.6	20.3	30.5

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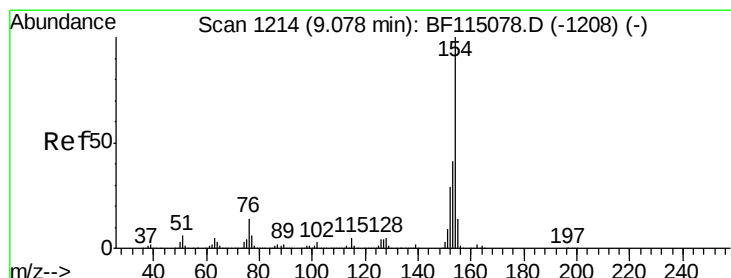
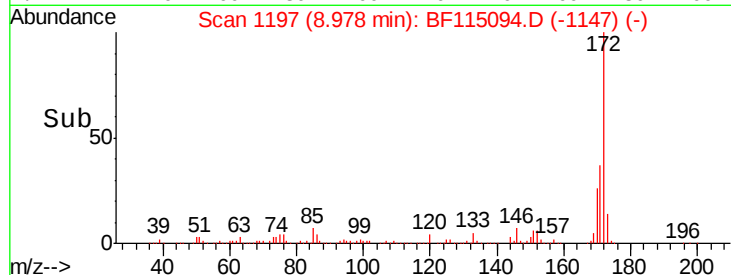
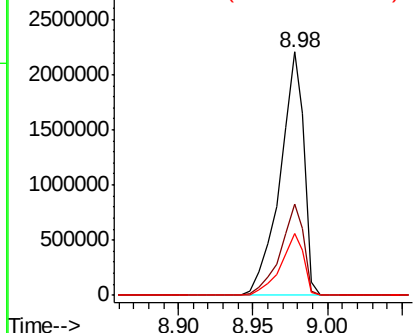


Abundance

Ion 172.00 (171.70 to 172.70): E

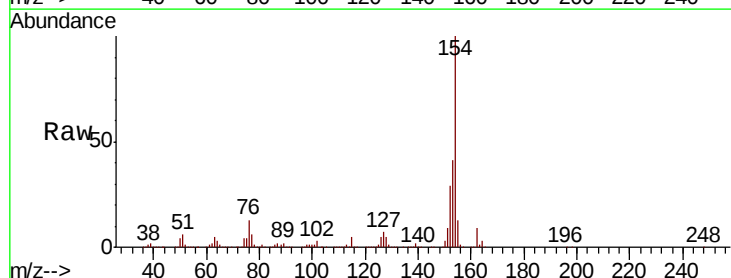
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.603 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	13.1	0.0	34.1

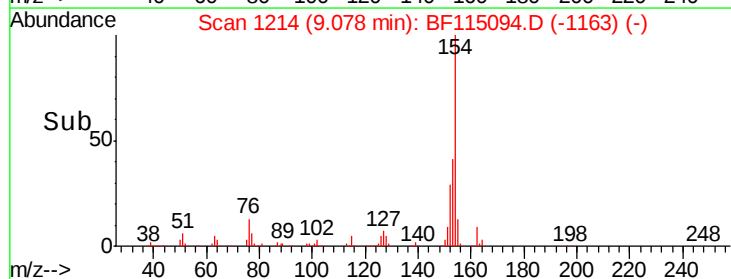
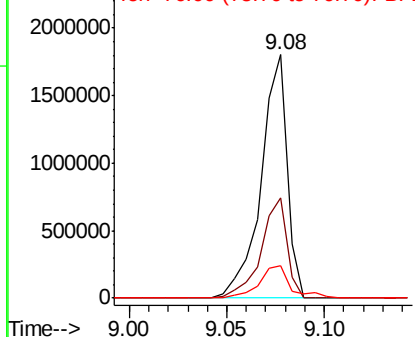


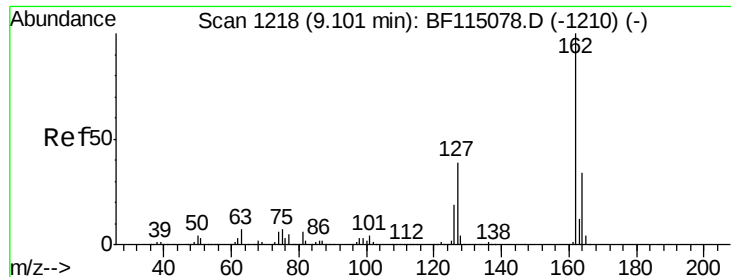
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





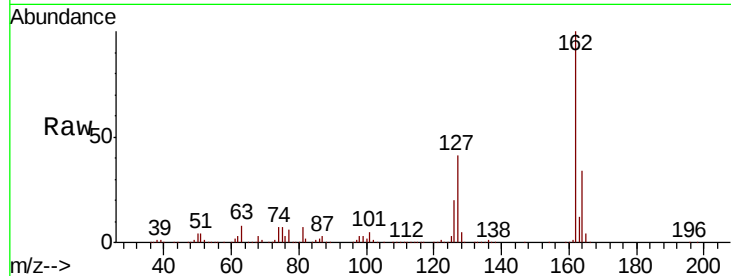
#47
 2-Chloronaphthalene
 Concen: 43.019 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

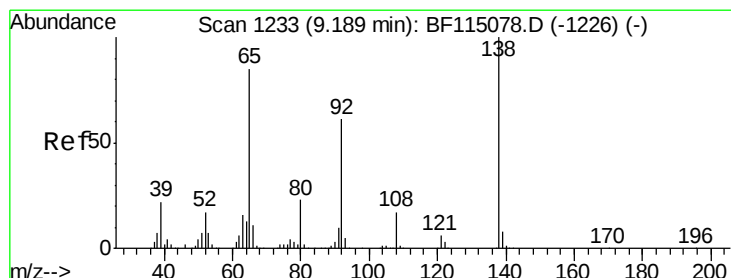
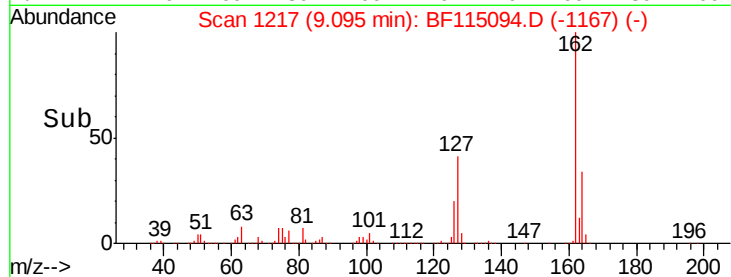
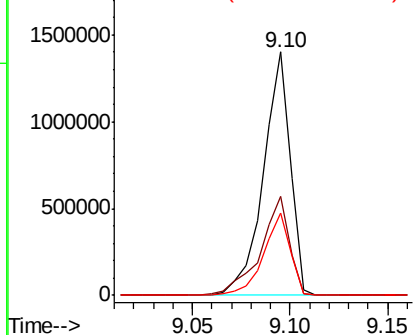
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.8	46.2
164	33.9	27.0	40.4

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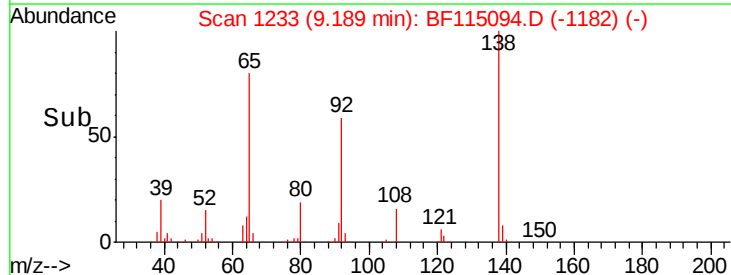
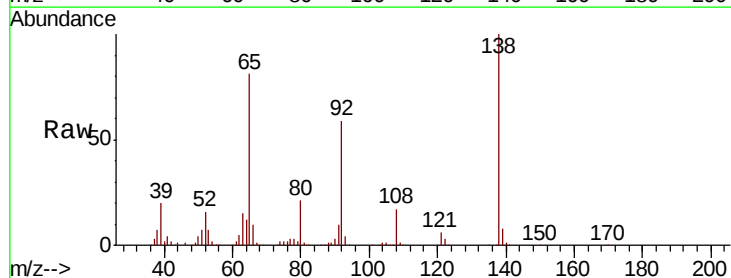
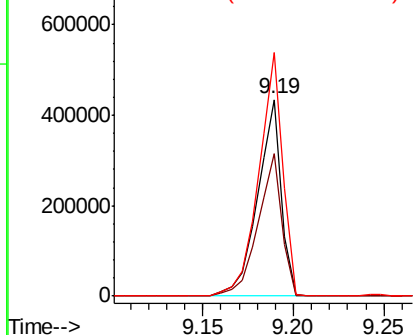
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

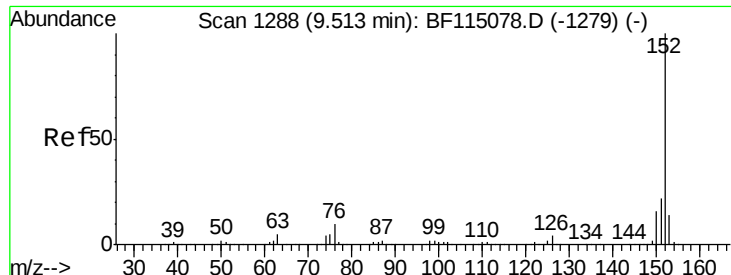


#48
 2-Nitroaniline
 Concen: 43.327 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	57.4	86.2
138	123.9	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





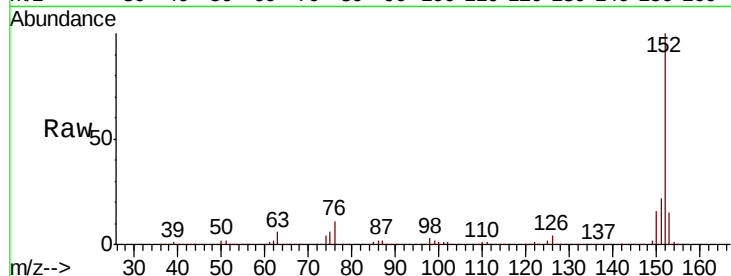
#49
Acenaphthylene
Concen: 43.601 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.2	25.8
153	14.7	11.0	16.6

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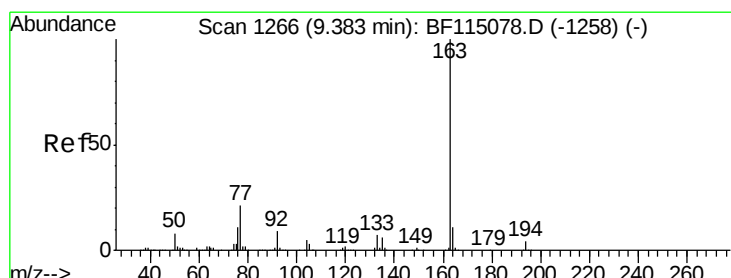
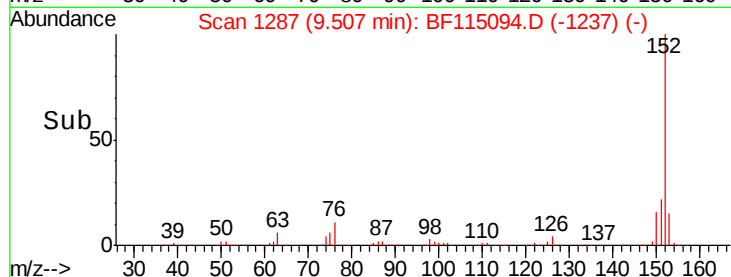
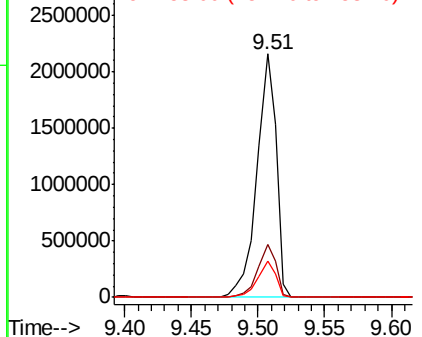


Abundance

Ion 152.00 (151.70 to 152.70): E

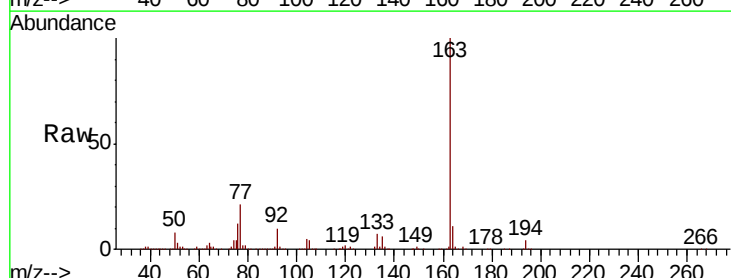
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 43.858 ng
RT: 9.38 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.8	8.6	13.0

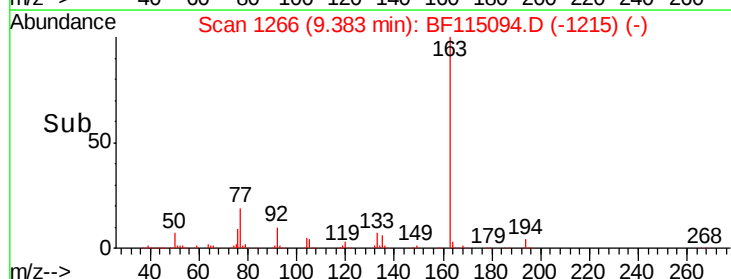
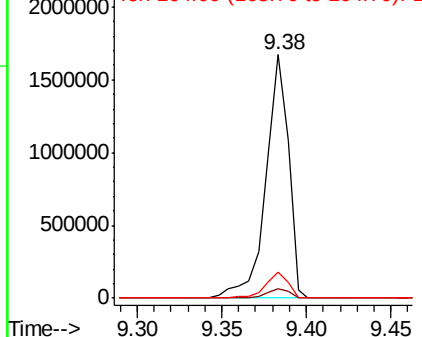


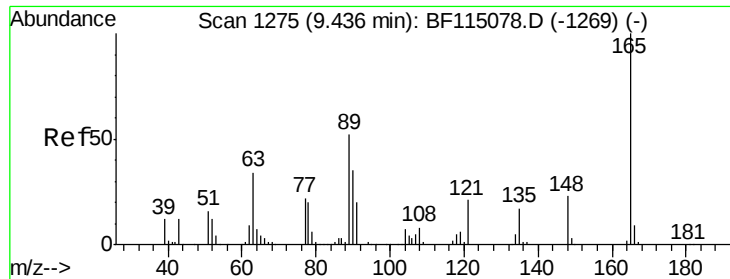
Abundance

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





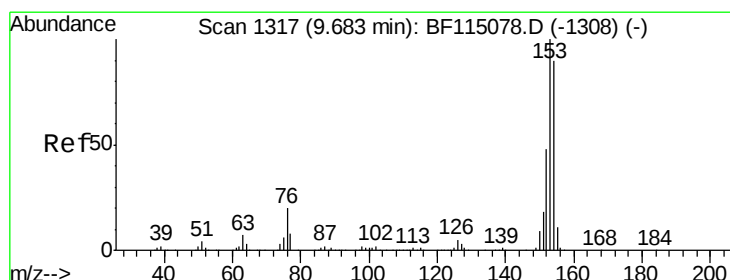
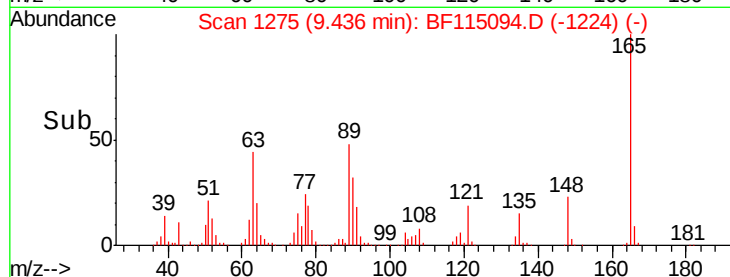
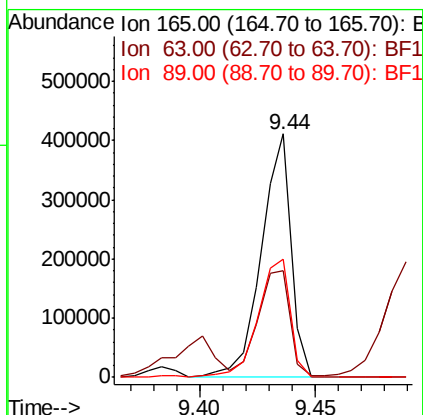
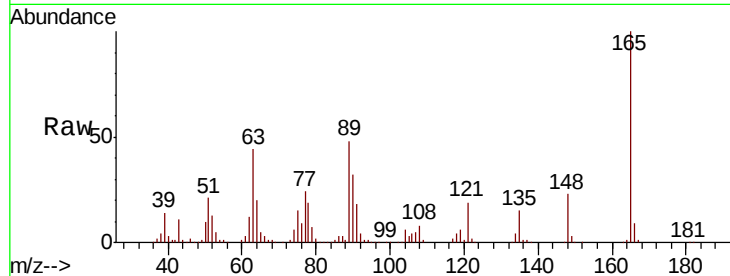
#51
2,6-Dinitrotoluene
Concen: 45.180 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	368164		
63	43.7		39.4	59.2
89	48.4		42.0	63.0

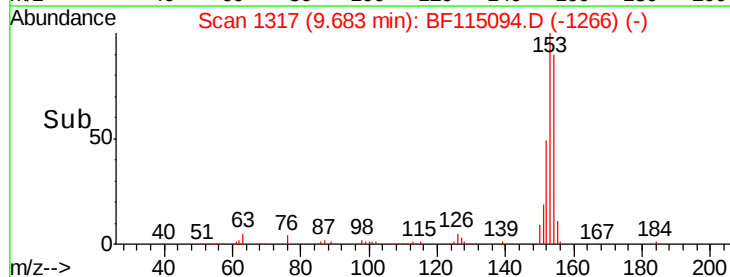
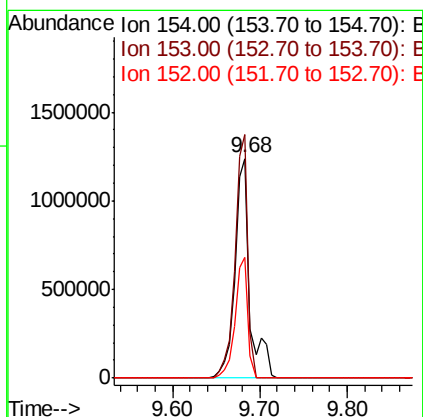
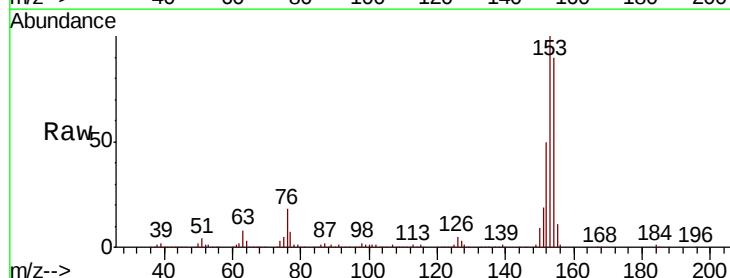
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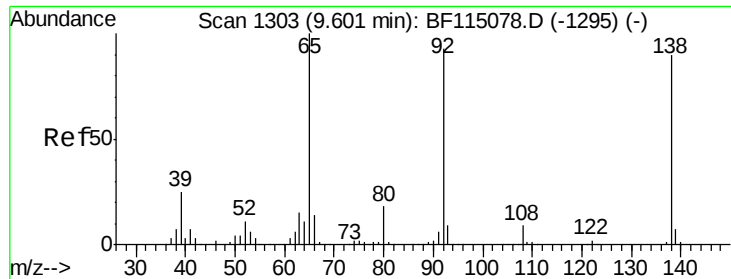
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#52
Acenaphthene
Concen: 47.685 ng
RT: 9.68 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1447610		
153	111.0		88.7	133.1
152	54.9		42.6	64.0





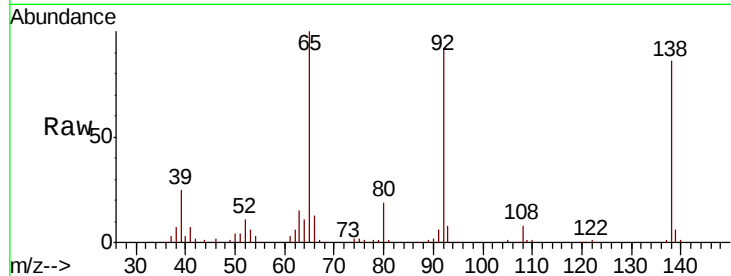
#53
3-Nitroaniline
Concen: 28.289 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

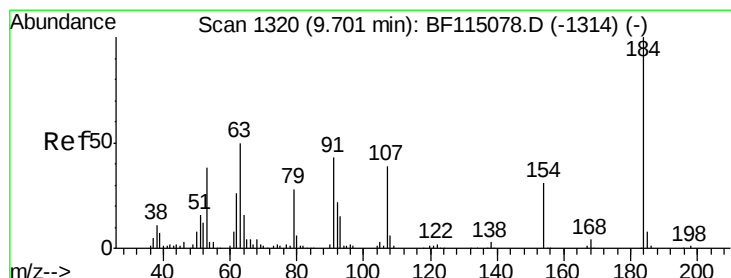
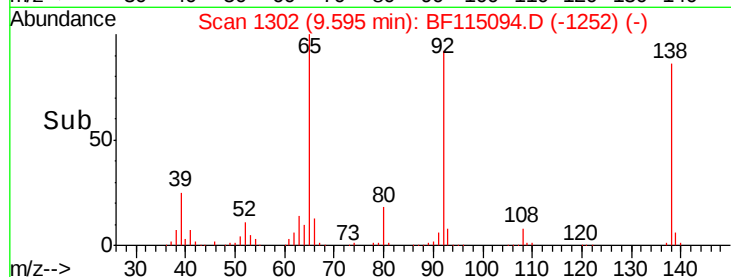
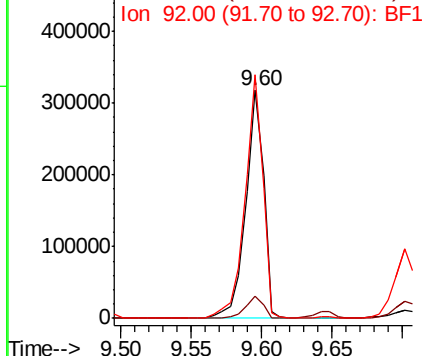
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.8	11.6
92	106.9	82.9	124.3

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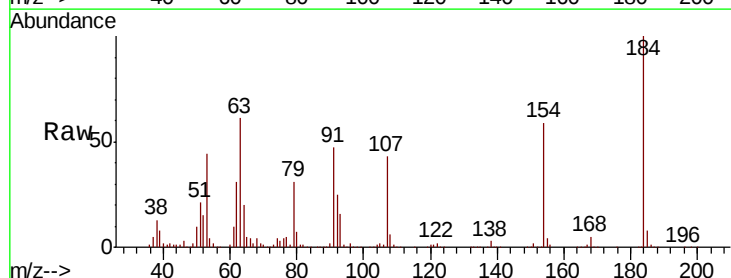


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

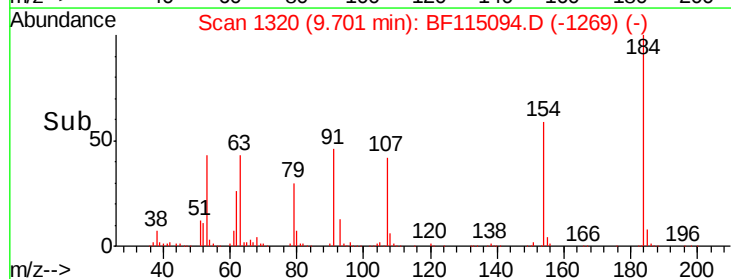
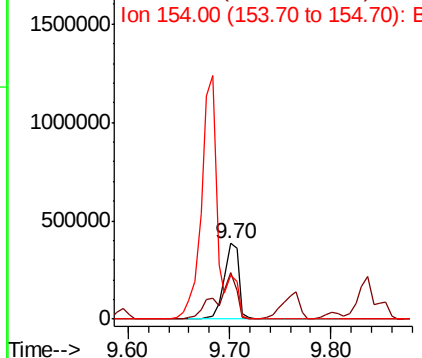


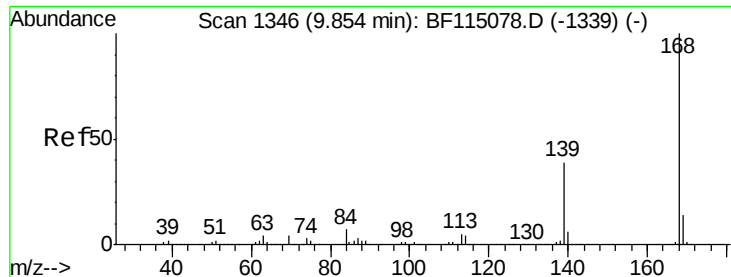
#54
2,4-Dinitrophenol
Concen: 91.563 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	41.9	62.9
154	58.8	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





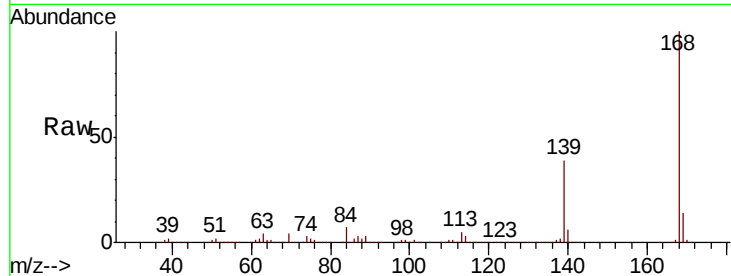
#55
Dibenzenofuran
Concen: 42.650 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	31.1	46.7
169	14.2	11.3	16.9

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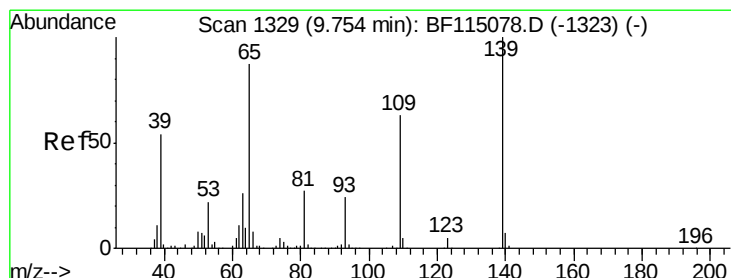
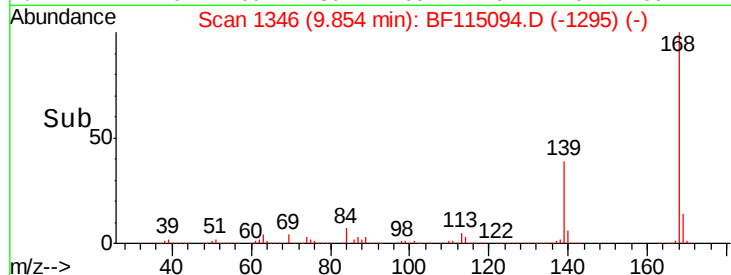
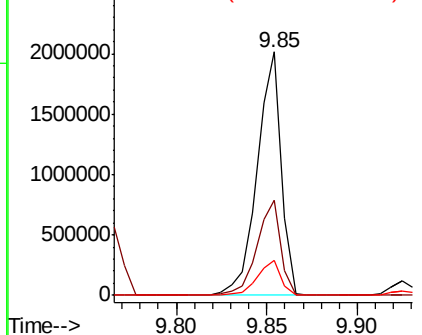


Abundance

Ion 168.00 (167.70 to 168.70): E

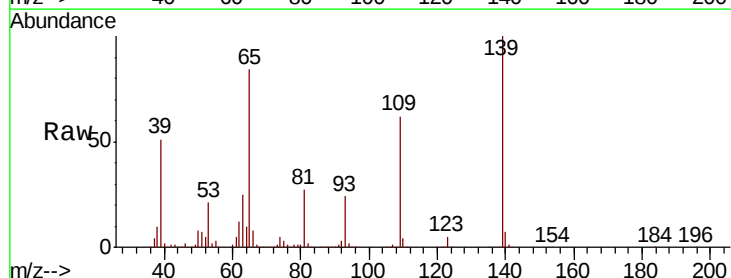
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 85.165 ng
RT: 9.77 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.4	43.0	83.0
65	84.0	67.0	107.0

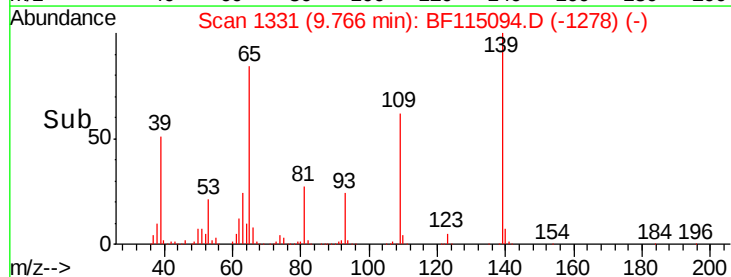
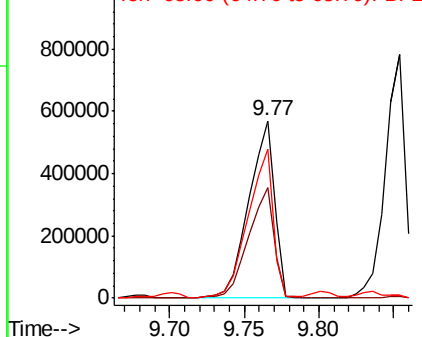


Abundance

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





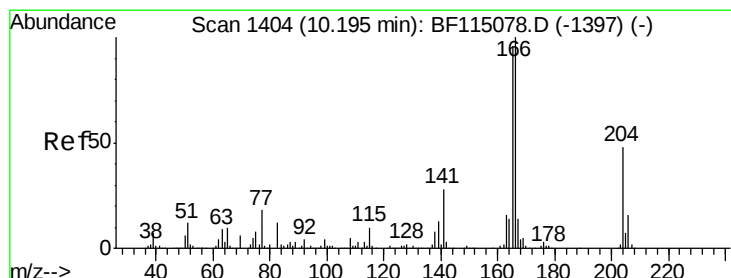
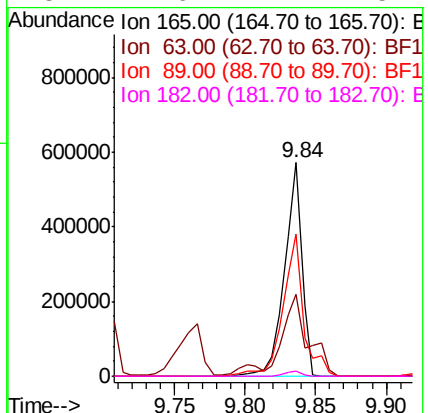
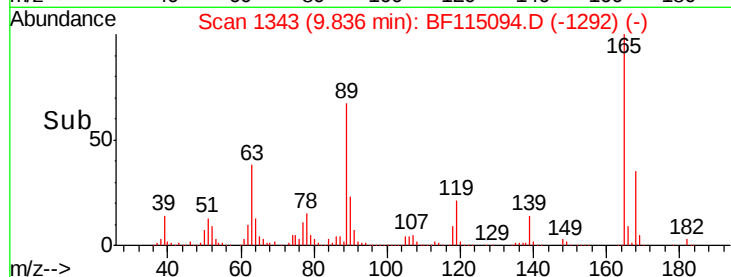
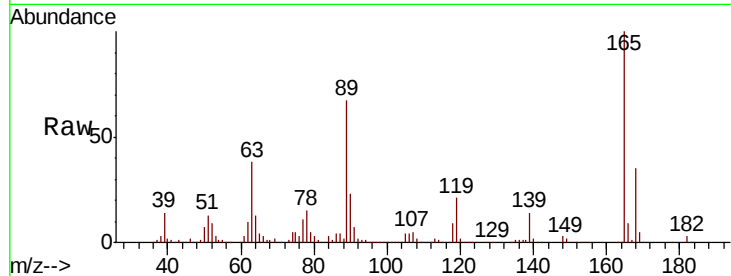
#57
 2,4-Dinitrotoluene
 Concen: 46.686 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		491224		
63	38.4	27.5	41.3		
89	66.6	49.9	74.9		
182	2.6	2.1	3.1		

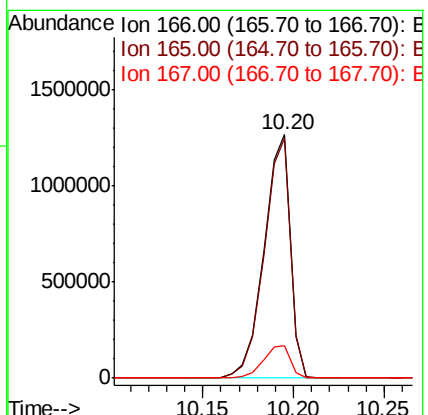
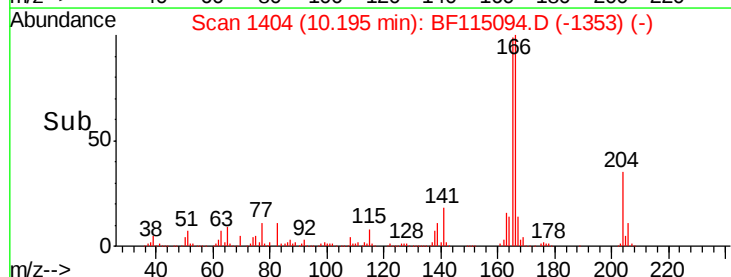
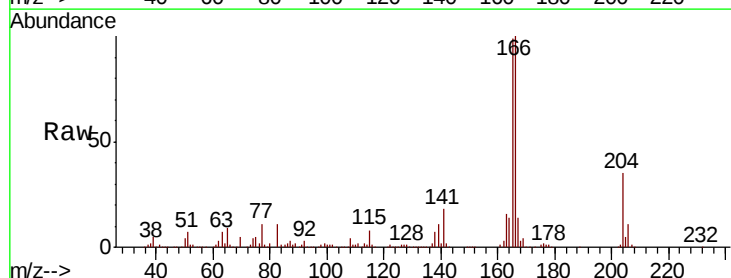
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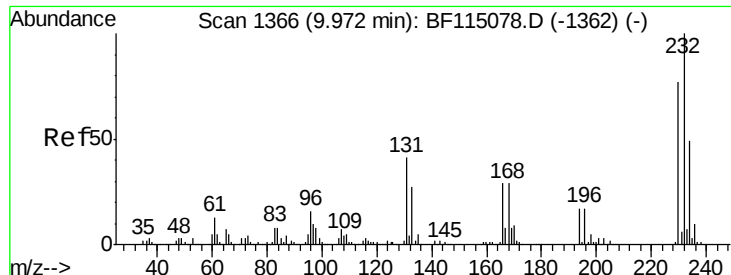
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#58
 Fluorene
 Concen: 43.683 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1272819		
165	98.6	76.5	114.7		
167	13.6	11.0	16.4		





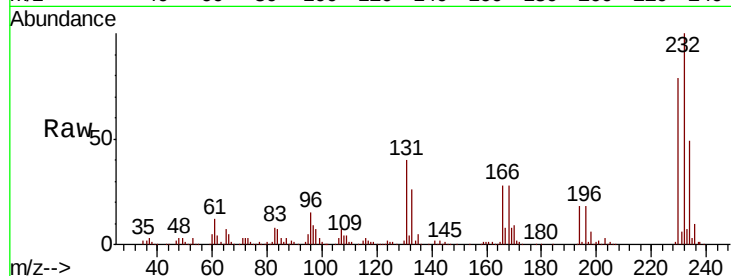
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.224 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

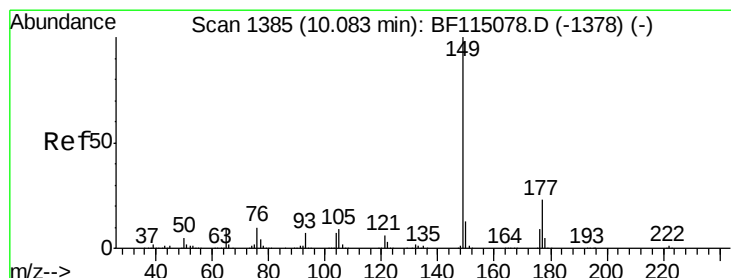
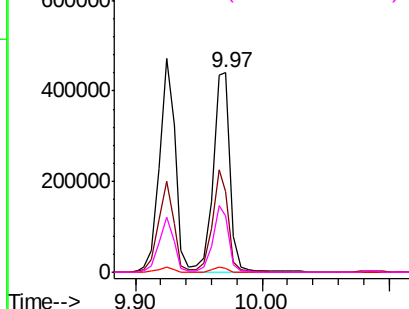
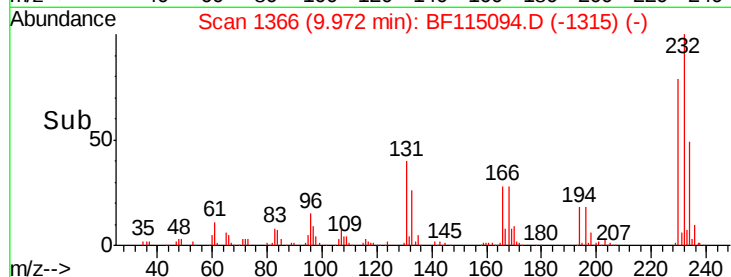
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.4	56.0
130	2.3	1.8	2.6
166	31.4	24.6	36.8

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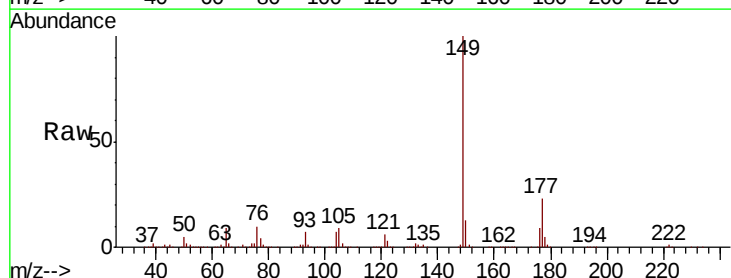


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

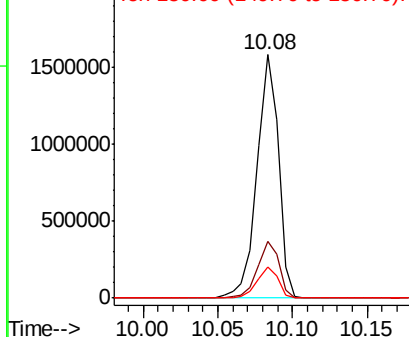
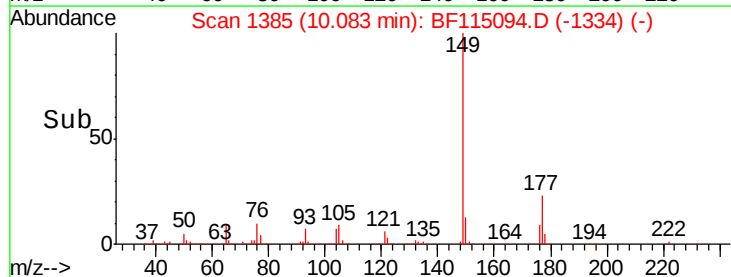


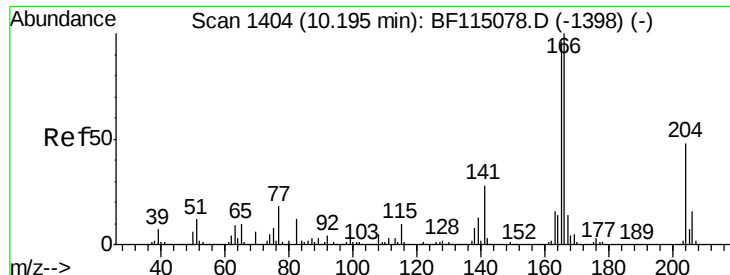
#60
 Diethylphthalate
 Concen: 44.054 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.7	28.1
150	12.9	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





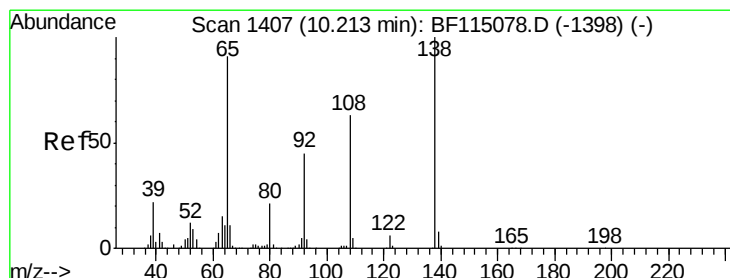
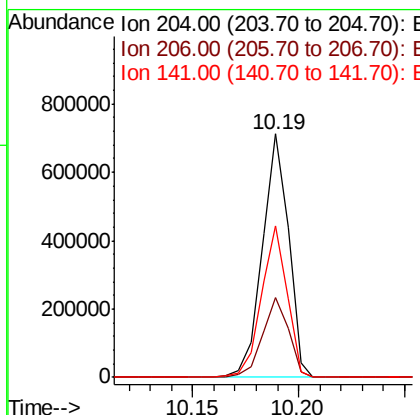
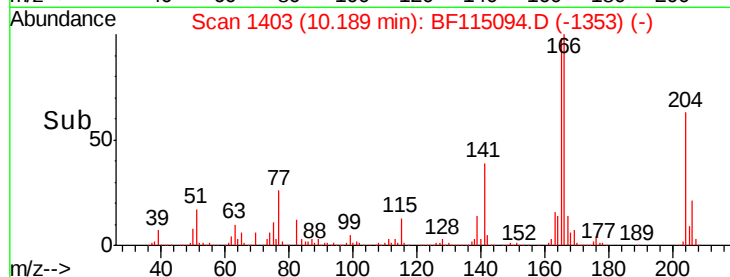
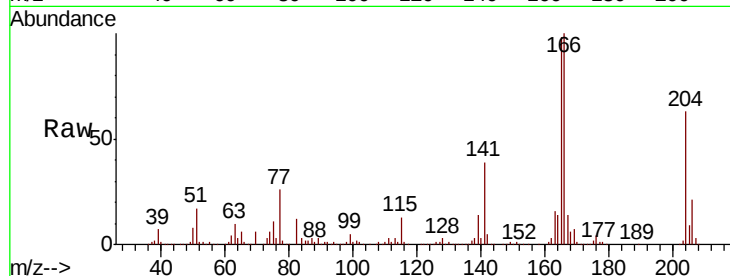
#61
4-Chlorophenyl-phenylether
Concen: 44.687 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion:204 Resp: 616706
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 62.2 46.7 70.1

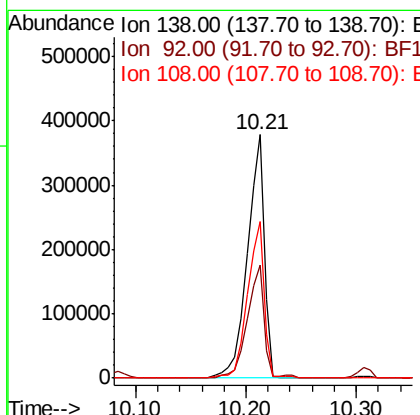
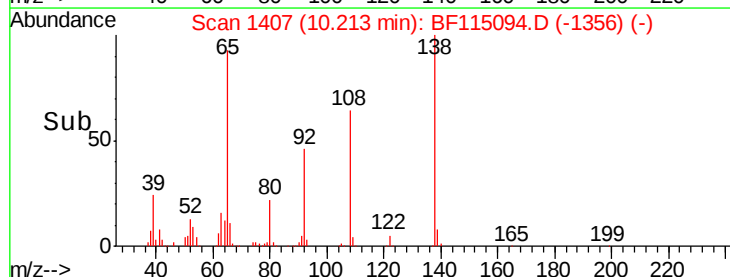
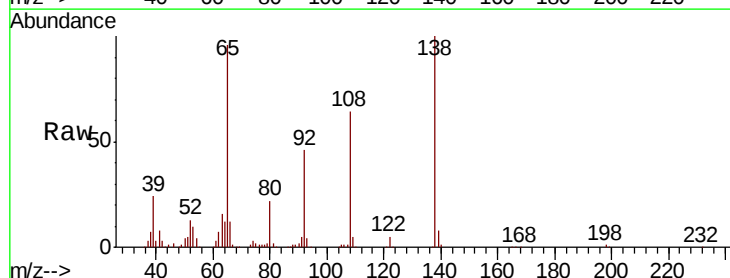
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#62
4-Nitroaniline
Concen: 41.091 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:138 Resp: 409931
Ion Ratio Lower Upper
138 100
92 46.2 24.8 64.8
108 64.5 43.3 83.3





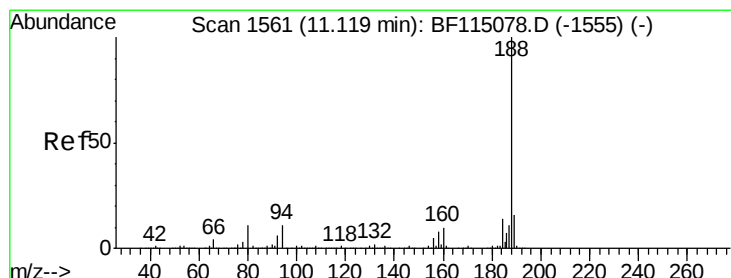
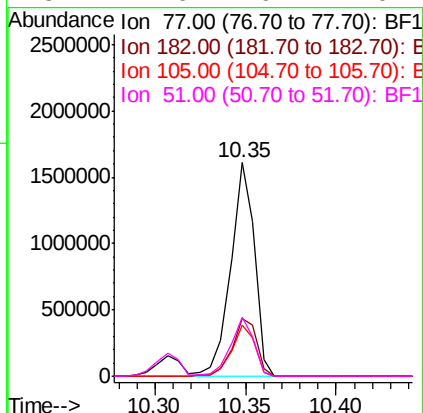
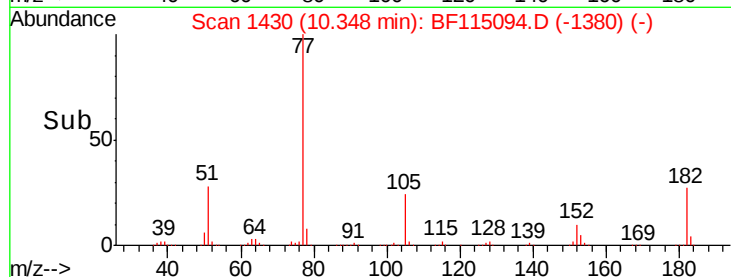
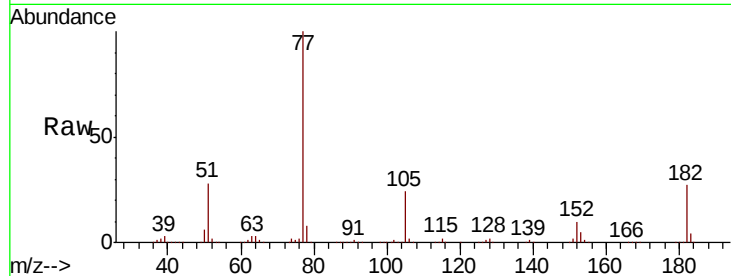
#63
Azobenzene
Concen: 44.249 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	10.1	50.1
105	23.9	4.5	44.5
51	27.6	6.4	46.4

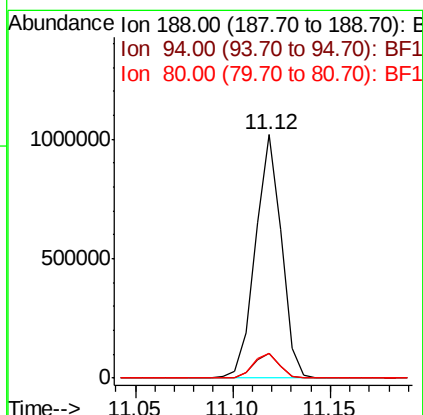
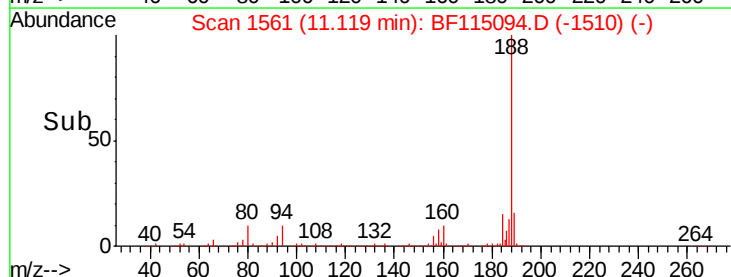
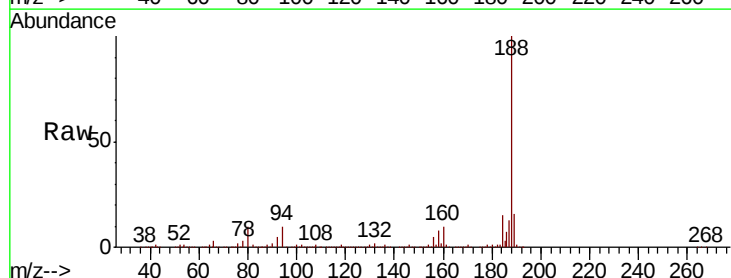
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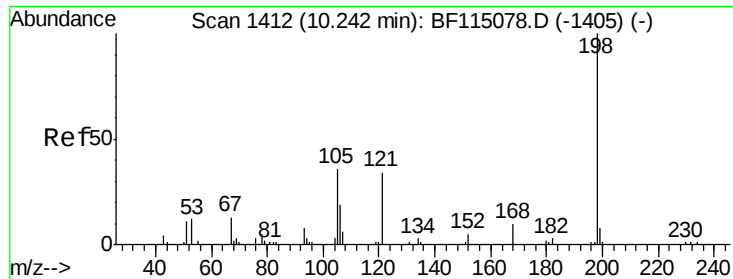
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	10.4	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 46.142 ng

RT: 10.24 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

PB120753BSD

Tot Ion:198 Resp: 228931

Ion Ratio Lower Upper

198 100

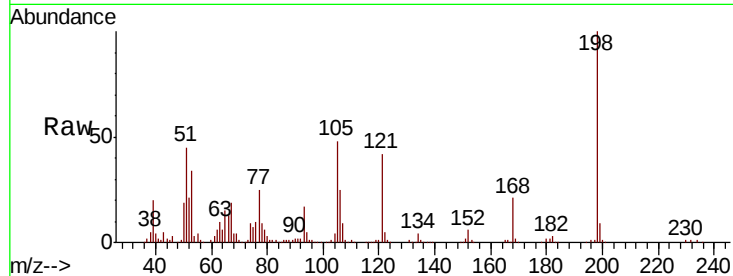
51 44.8 11.0 51.0

105 47.7 17.3 57.3

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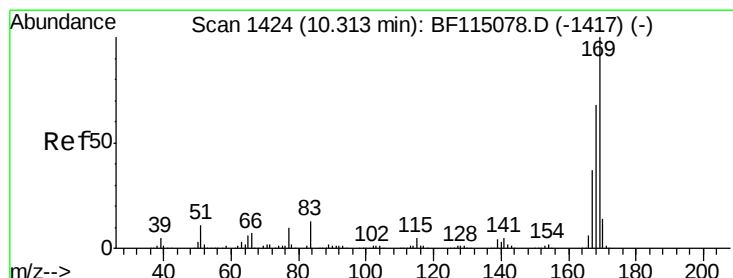
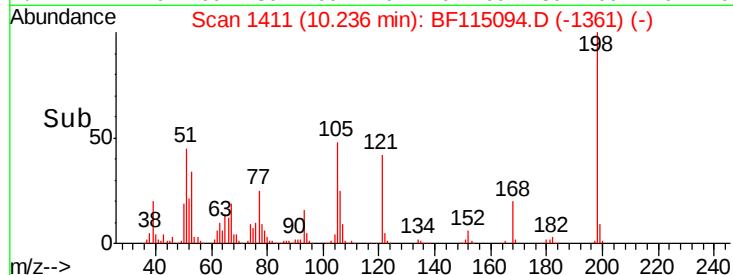
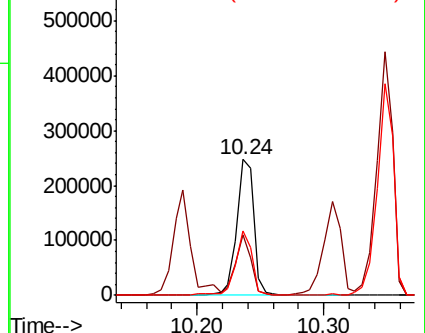
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.864 ng

RT: 10.31 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Tgt Ion:169 Resp: 1309399

Ion Ratio Lower Upper

169 100

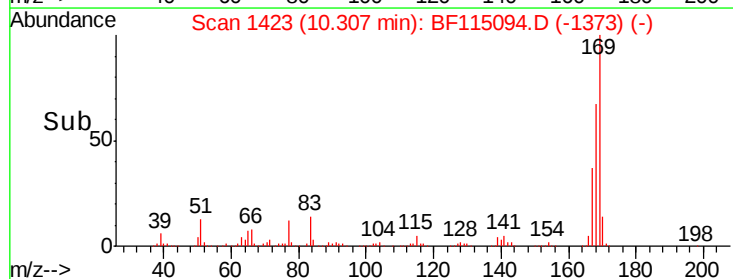
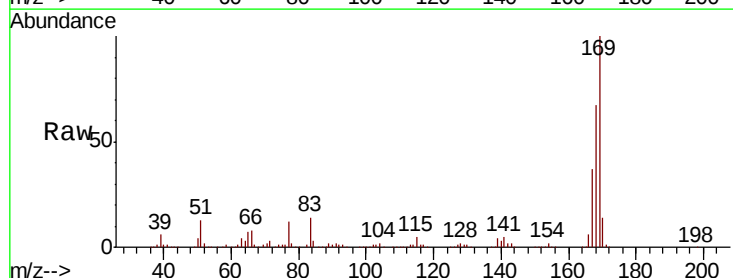
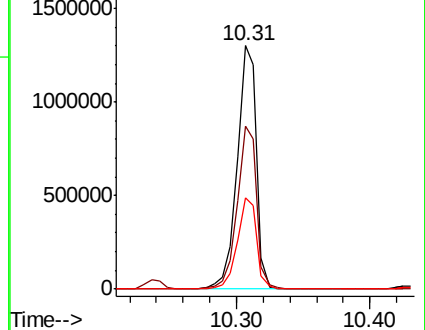
168 67.1 54.2 81.4

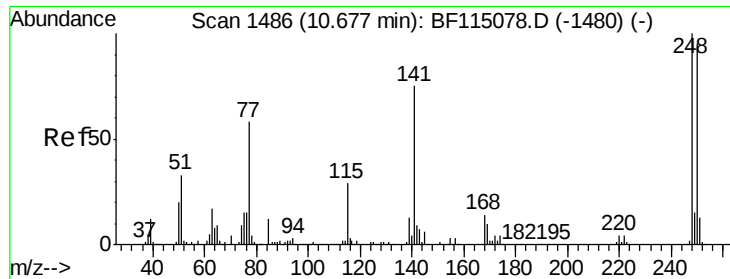
167 37.3 29.4 44.0

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





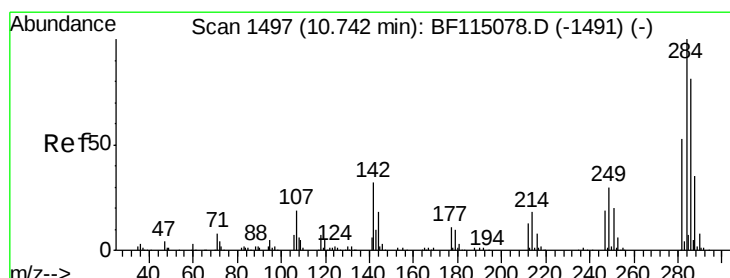
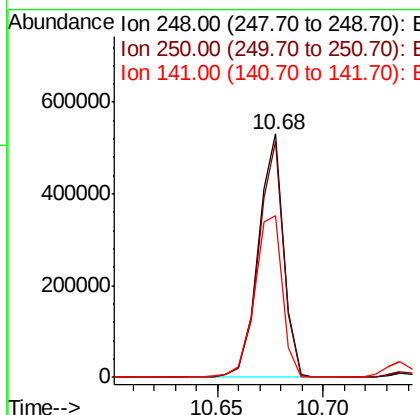
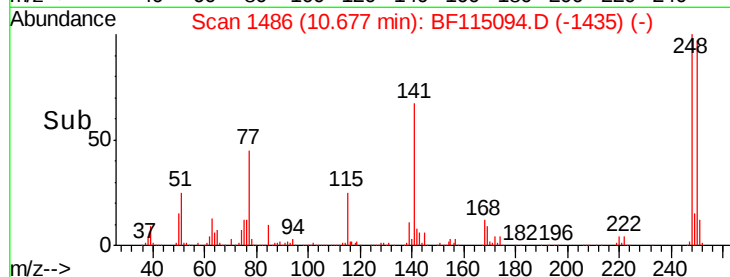
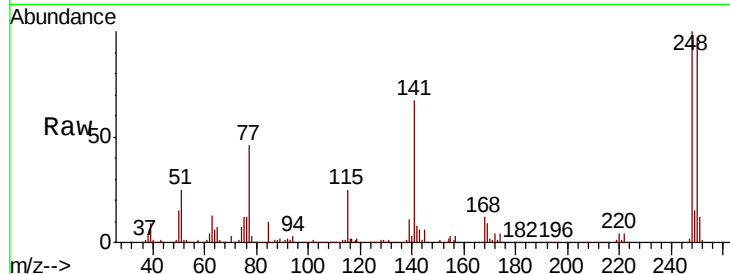
#67
 4-Bromophenyl-phenylether
 Concen: 43.625 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

Tot Ion:	248	Resp:	443097
Ion Ratio	Lower	Upper	
248	100		
250	97.1	76.2	114.2
141	66.6	59.6	89.4

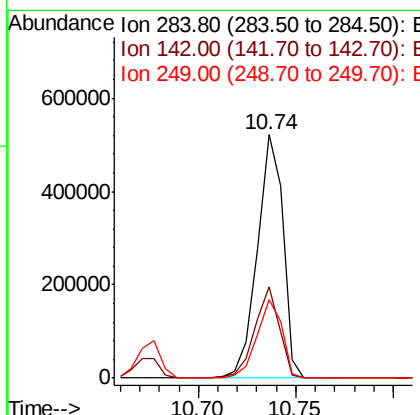
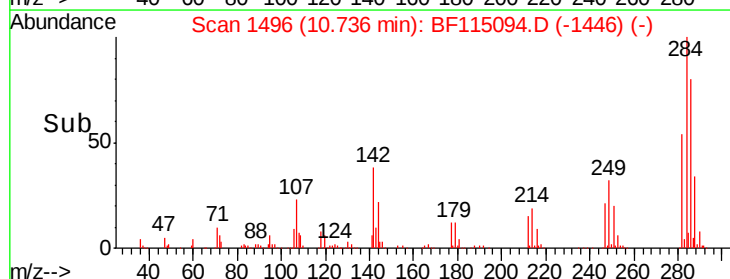
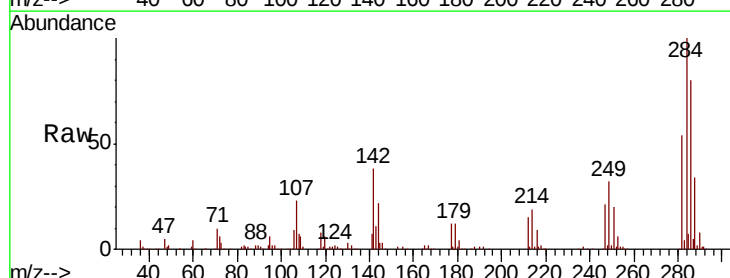
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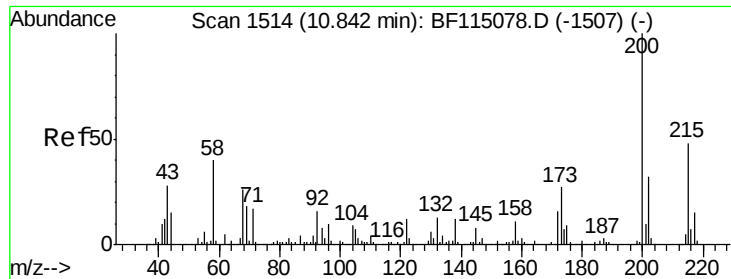
mohammad
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#68
 Hexachlorobenzene
 Concen: 43.205 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion:	284	Resp:	476322
Ion Ratio	Lower	Upper	
284	100		
142	37.8	25.8	38.8
249	32.4	24.2	36.4





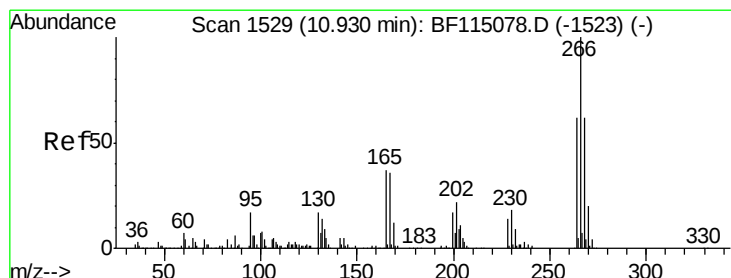
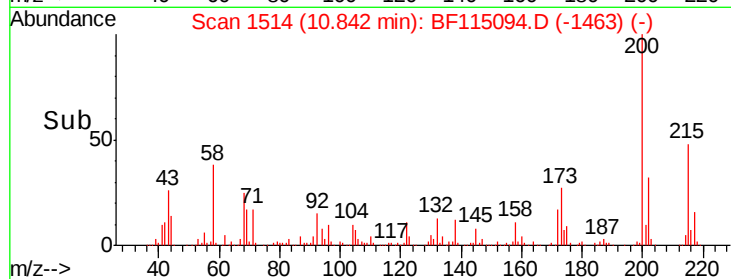
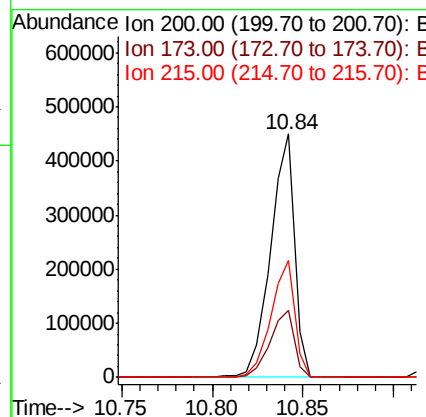
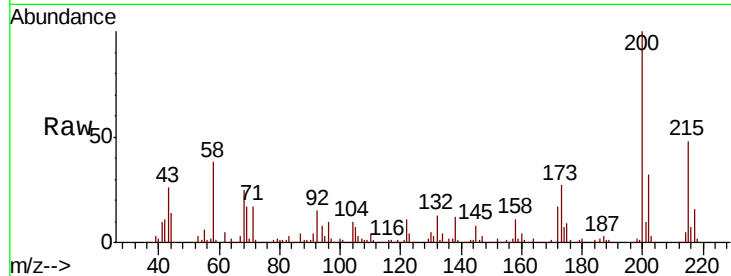
#69
 Atrazine
 Concen: 43.868 ng
 RT: 10.84 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	411864		
173	27.3	7.4	47.4	
215	48.1	27.8	67.8	

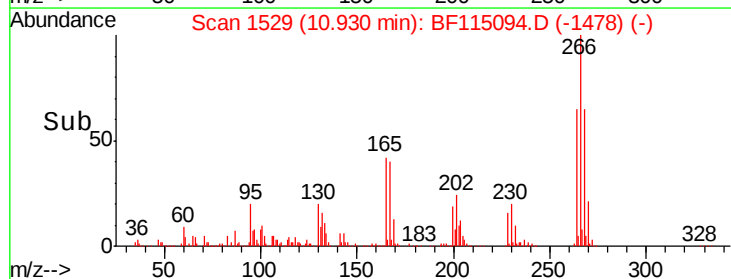
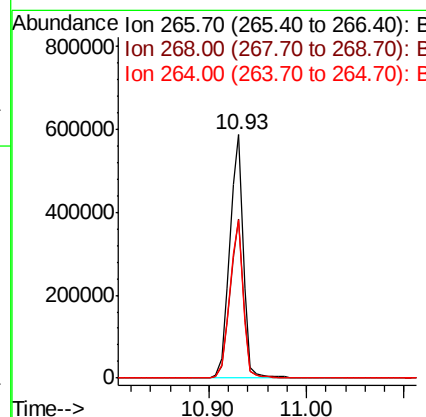
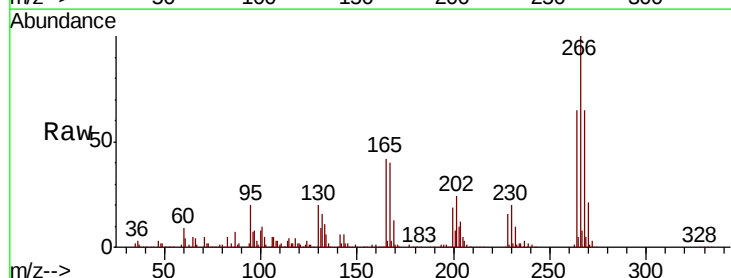
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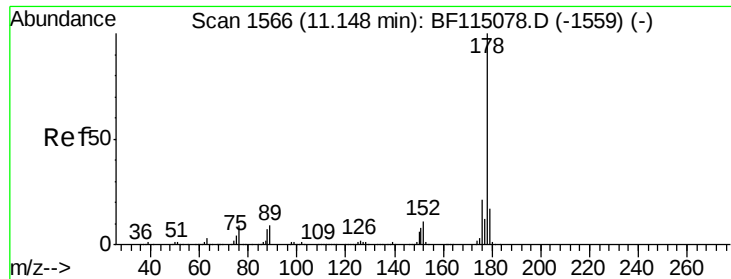
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#70
 Pentachlorophenol
 Concen: 81.333 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	571246		
268	65.1	49.5	74.3	
264	64.7	49.3	73.9	





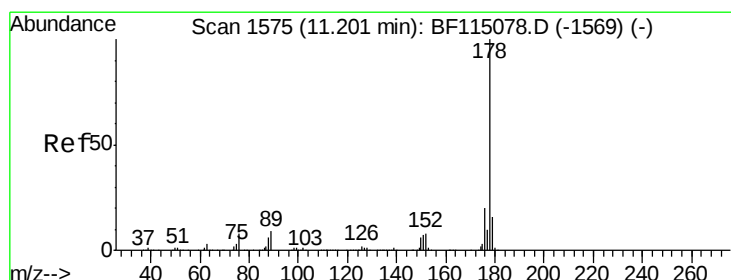
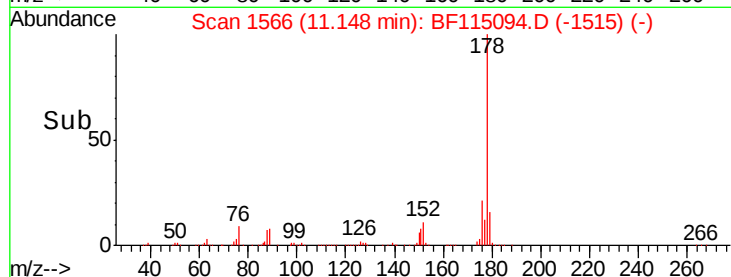
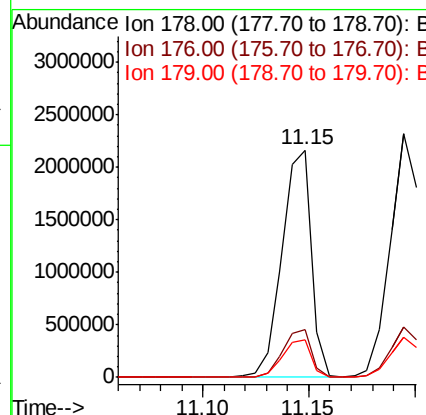
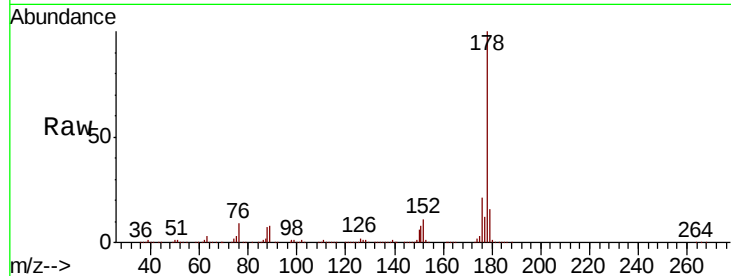
#71
Phenanthrene
Concen: 41.482 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.9	25.3
179	16.4	13.2	19.8

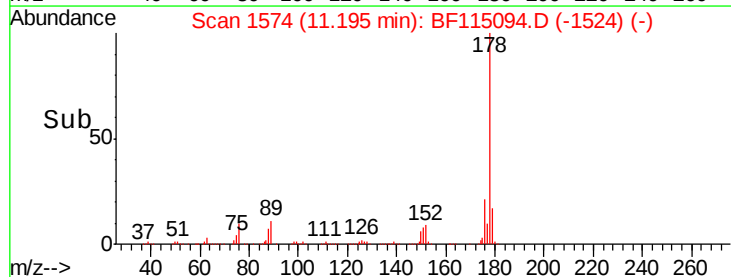
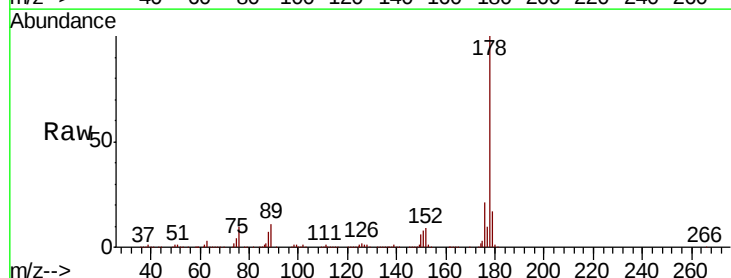
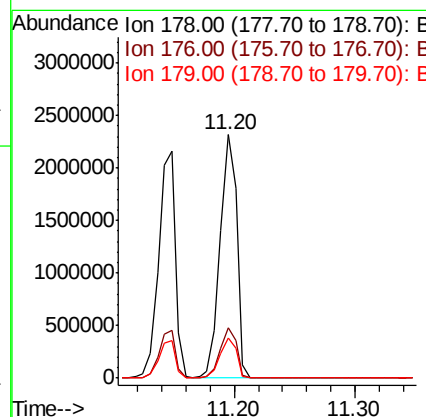
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#72
Anthracene
Concen: 43.129 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.1	24.1
179	16.7	12.9	19.3





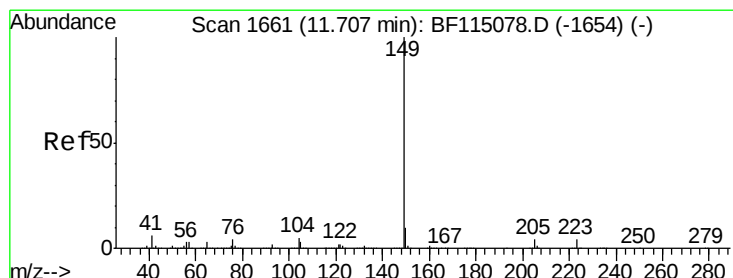
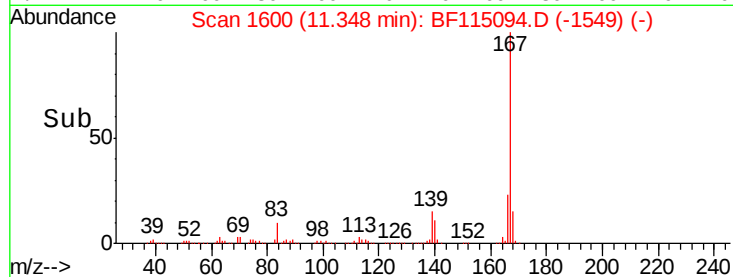
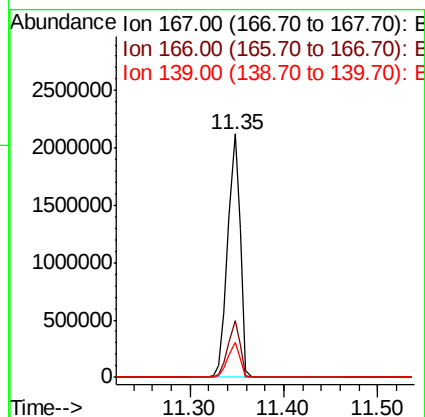
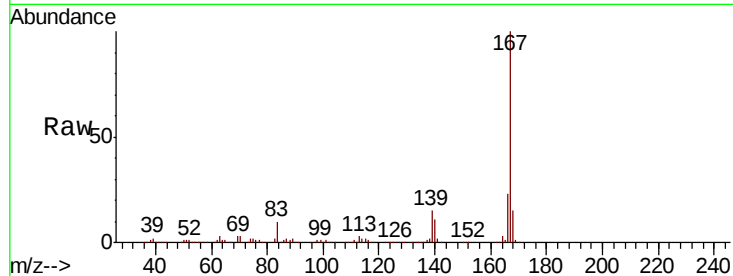
#73
 Carbazole
 Concen: 43.294 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.0	27.0
139	14.6	11.1	16.7

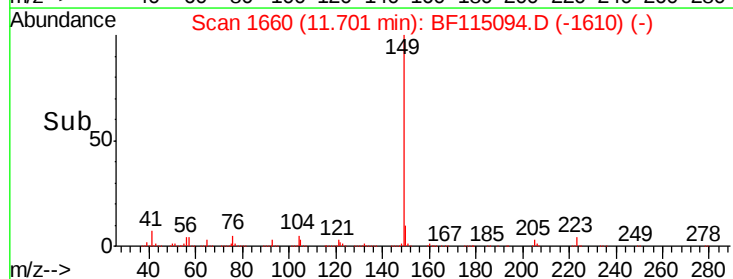
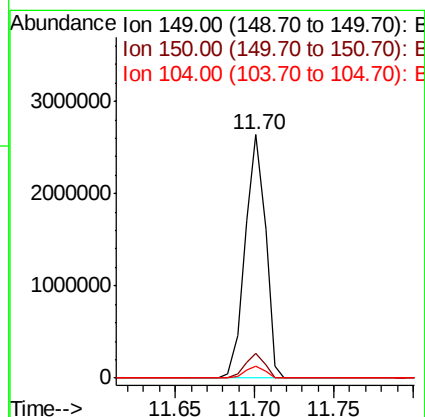
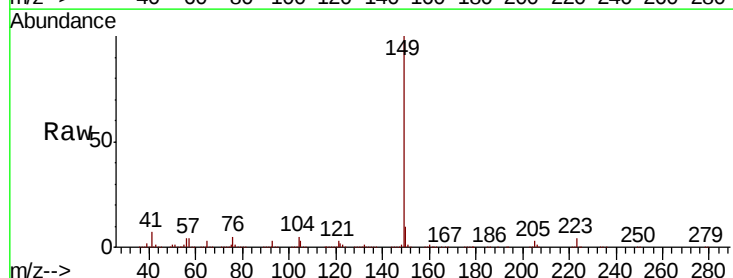
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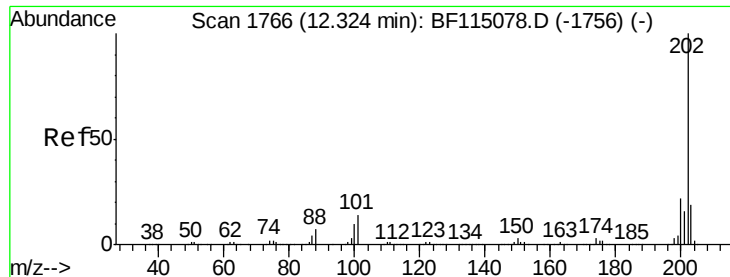
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#74
 Di-n-butylphthalate
 Concen: 44.485 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

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





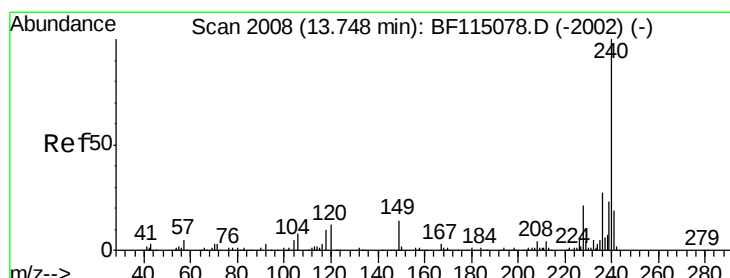
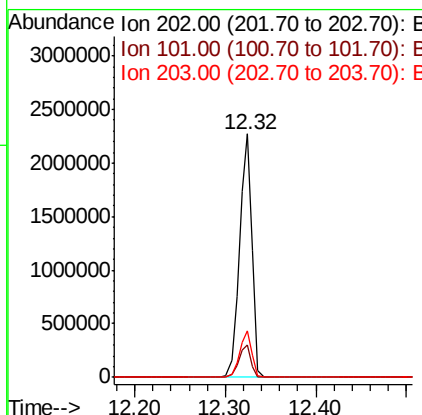
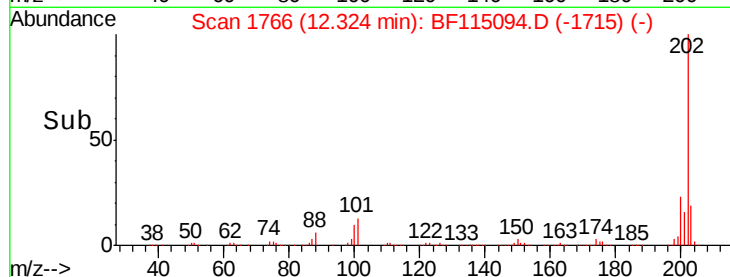
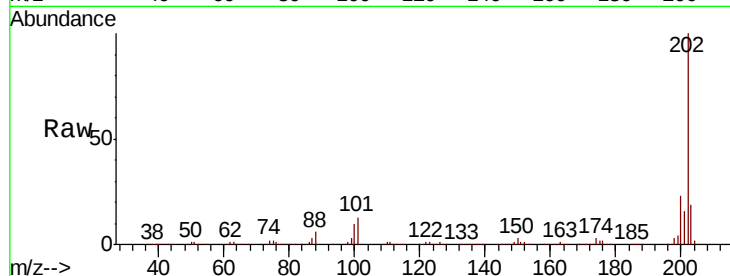
#75
 Fluoranthene
 Concen: 43.641 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Instrument :
 BNA_F
 ClientSampleId :
 PB120753BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2196252		
101	13.4	0.0	34.0	
203	19.2	0.0	38.8	

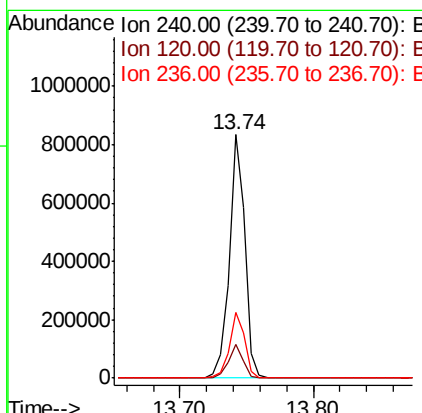
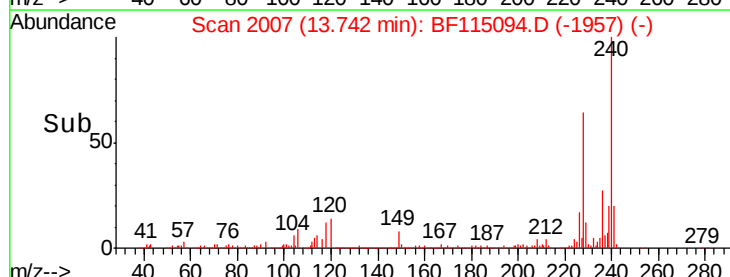
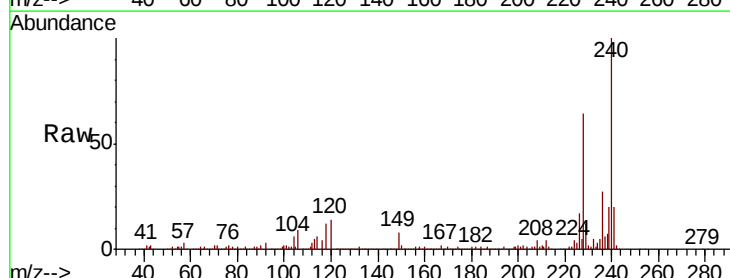
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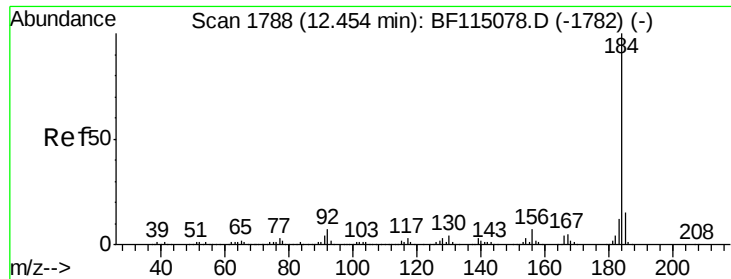
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115094.D
 Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	682059		
120	13.8	9.4	14.2	
236	27.2	21.7	32.5	





#77

Benzidine

Concen: 34.081 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

PB120753BSD

Tot Ion:184 Resp: 1032188

Ion Ratio Lower Upper

184 100

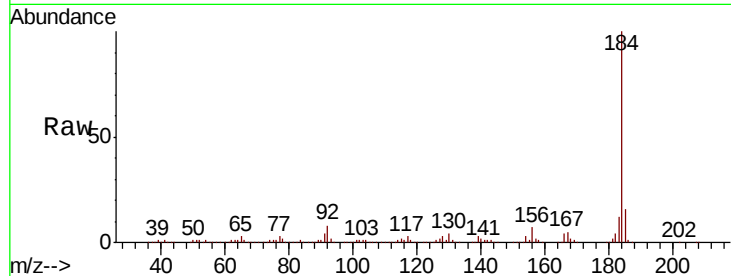
185 15.7 12.2 18.2

183 12.0 9.6 14.4

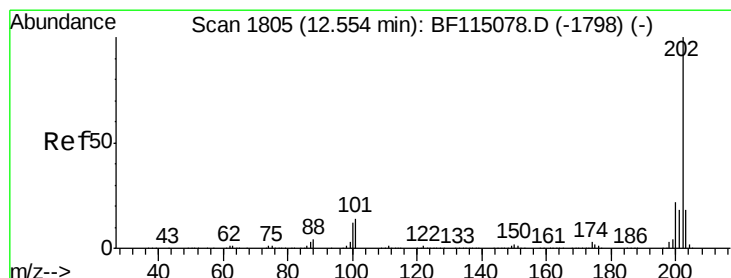
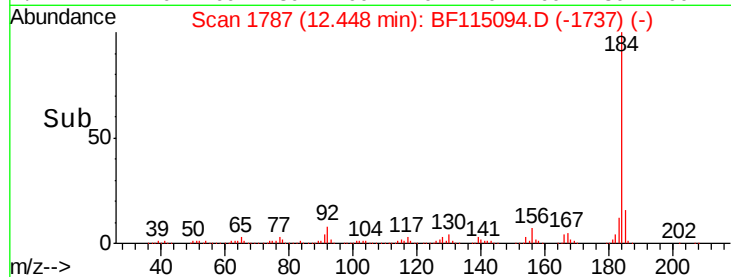
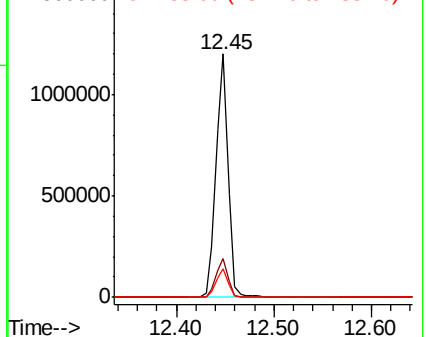
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.167 ng

RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

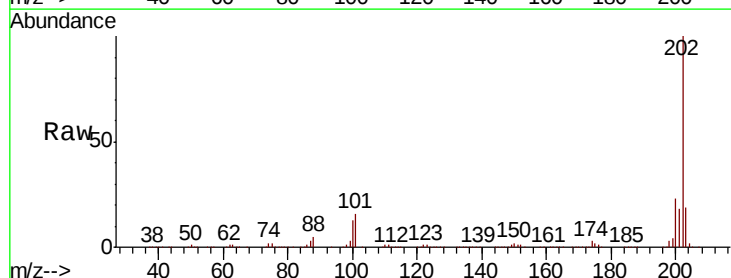
Tgt Ion:202 Resp: 2262689

Ion Ratio Lower Upper

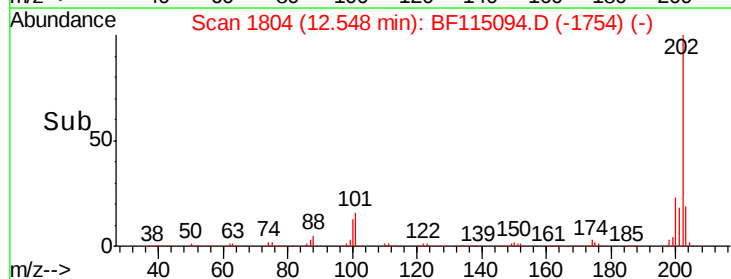
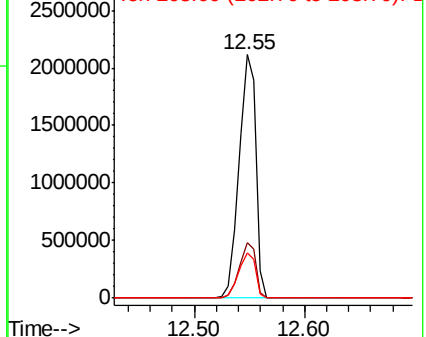
202 100

200 22.7 17.9 26.9

203 18.8 14.6 21.8



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





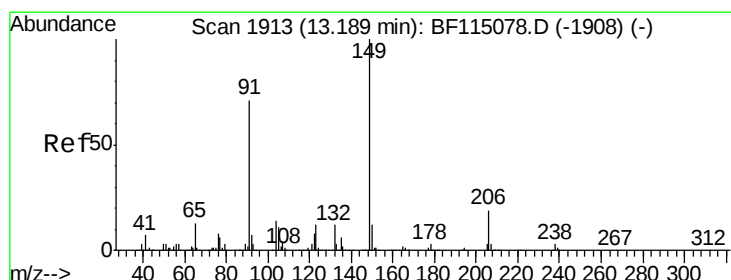
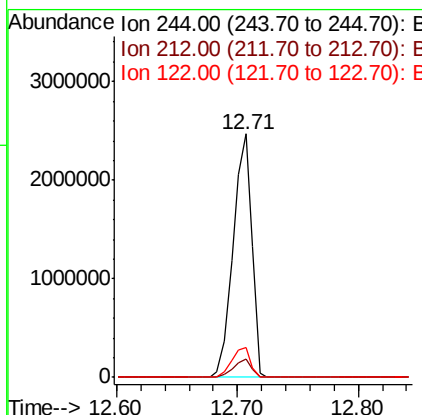
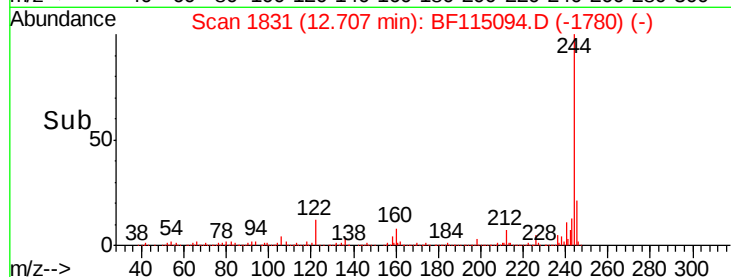
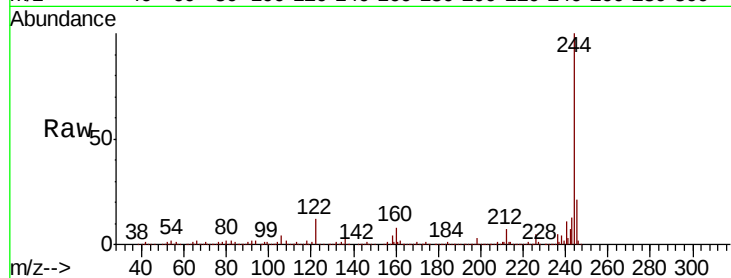
#79
Terphenyl-d14
Concen: 82.599 ng
RT: 12.71 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion:244 Resp: 2649716
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.4 10.4 15.6

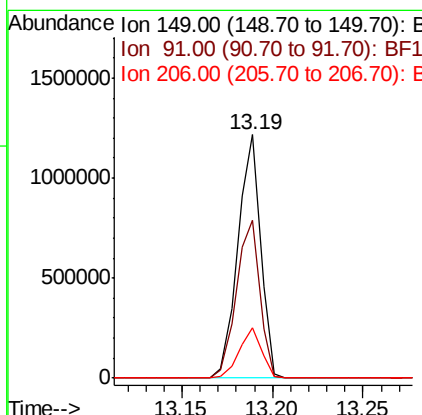
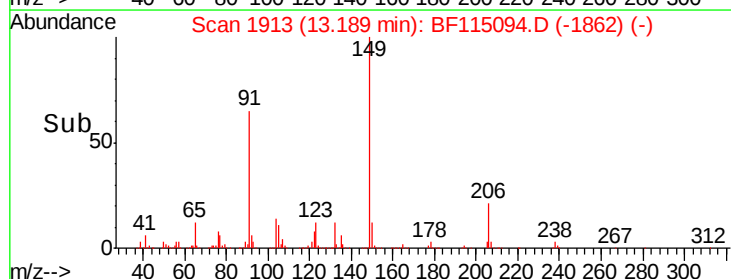
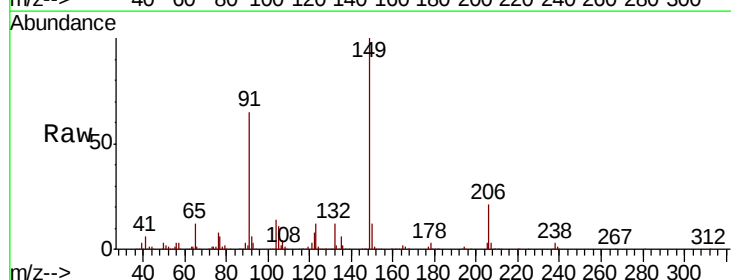
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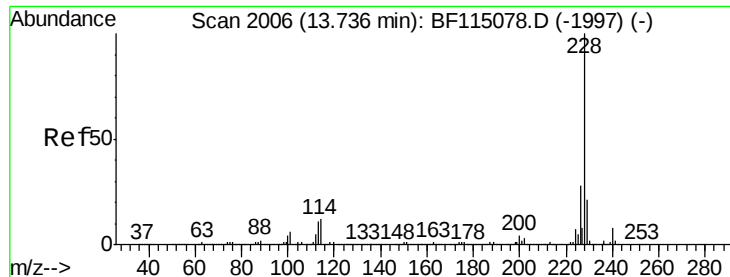
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#80
Butylbenzylphthalate
Concen: 46.025 ng
RT: 13.19 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion:149 Resp: 1064649
Ion Ratio Lower Upper
149 100
91 65.0 56.5 84.7
206 20.9 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.102 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

PB120753BSD

Tot Ion:228 Resp: 2060453

Ion Ratio Lower Upper

228 100

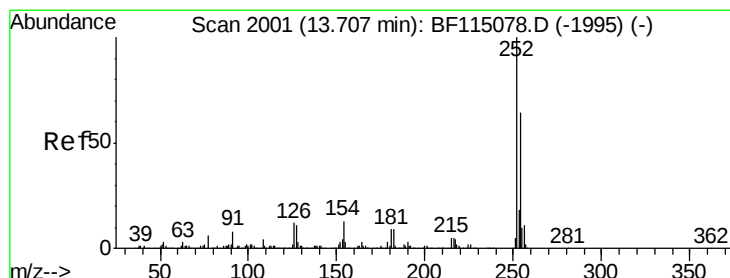
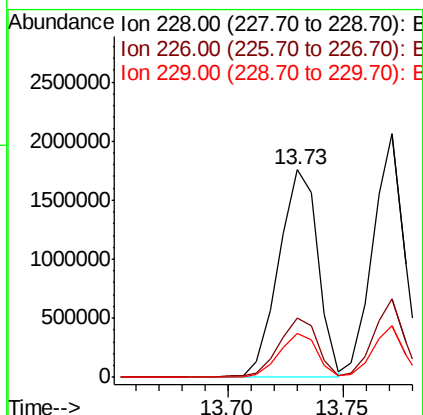
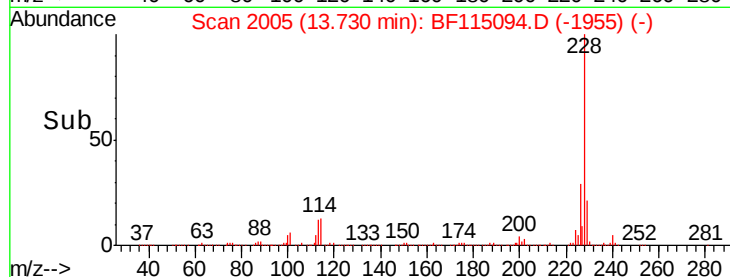
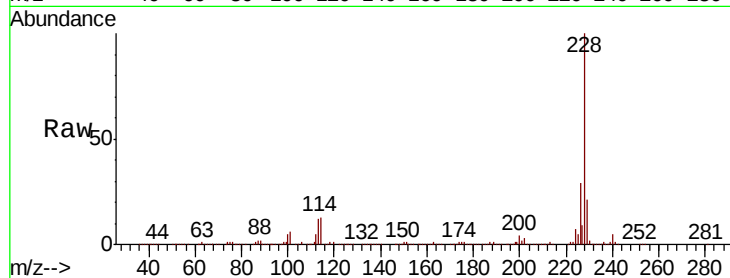
226 28.8 22.5 33.7

229 21.2 16.6 24.8

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#82

3,3'-Dichlorobenzidine

Concen: 32.744 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

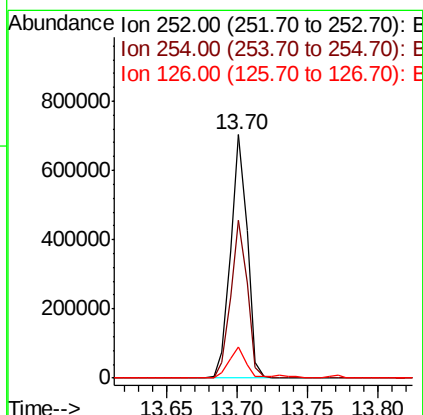
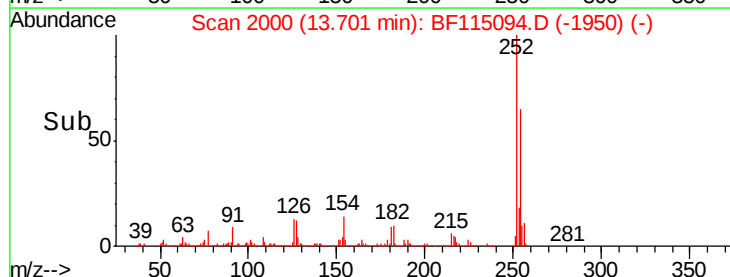
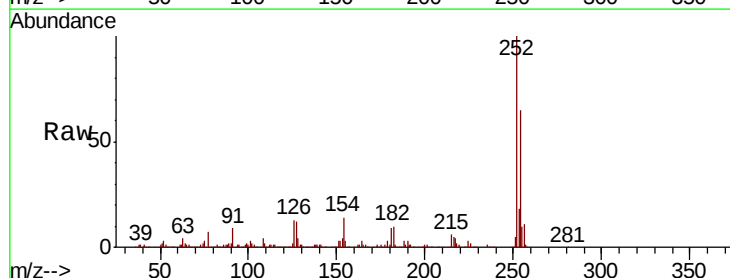
Tgt Ion:252 Resp: 578688

Ion Ratio Lower Upper

252 100

254 64.8 51.1 76.7

126 12.8 9.4 14.0





#83

Chrvsene

Concen: 42.581 ng

RT: 13.77 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

PB120753BSD

Tot Ion:228 Resp: 1908928

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

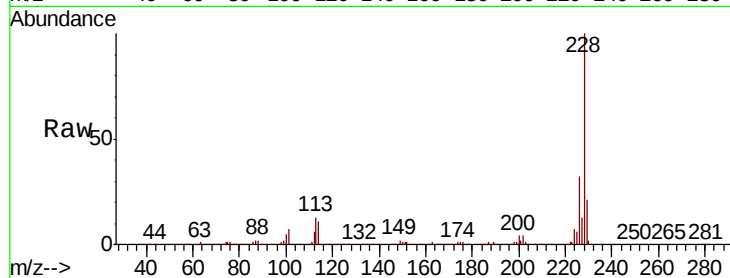
229 21.2 16.5 24.7

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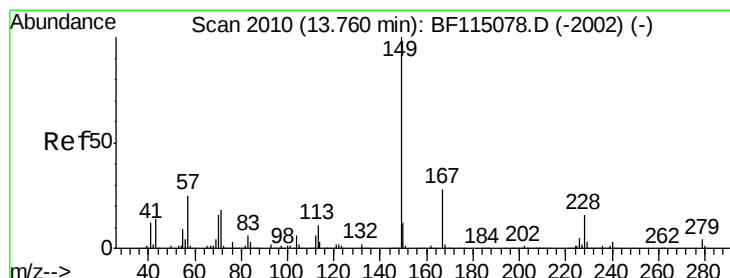
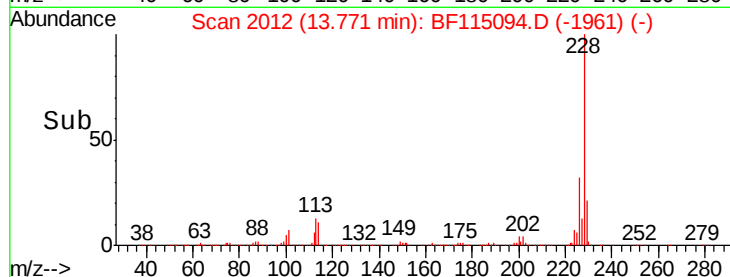
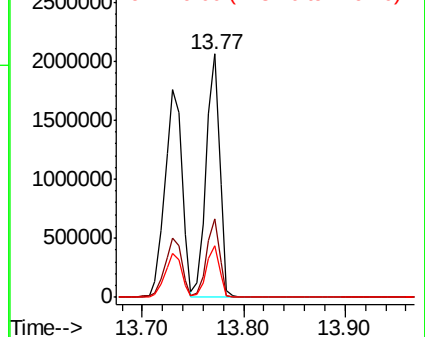


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.483 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

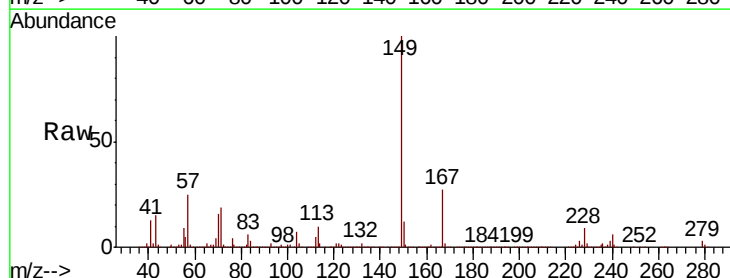
Tgt Ion:149 Resp: 1378608

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

279 3.4 2.9 4.3

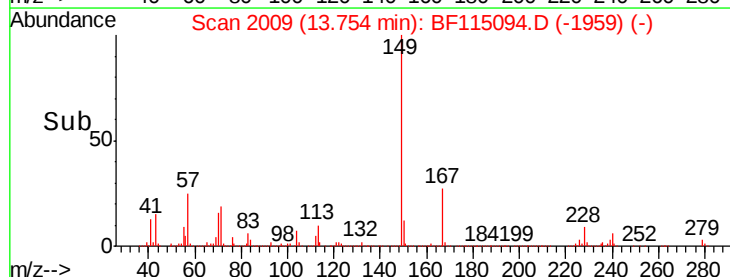
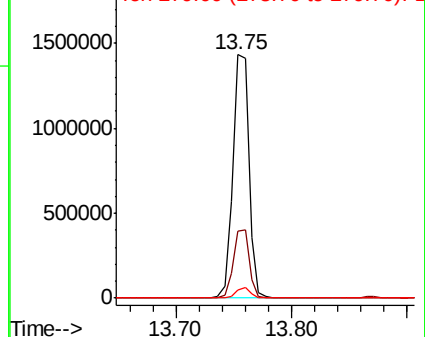


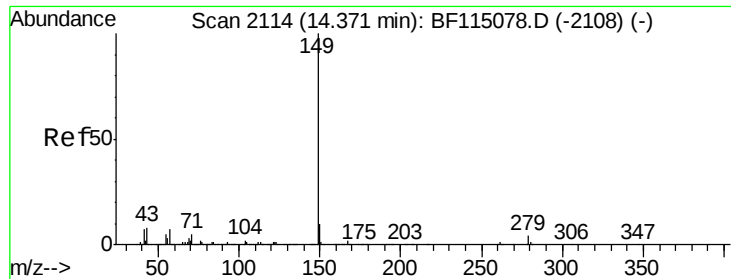
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.900 ng

RT: 14.37 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

Instrument :

BNA_F

ClientSampleId :

PB120753BSD

Tot Ion:149 Resp: 2388472

Ion Ratio Lower Upper

149 100

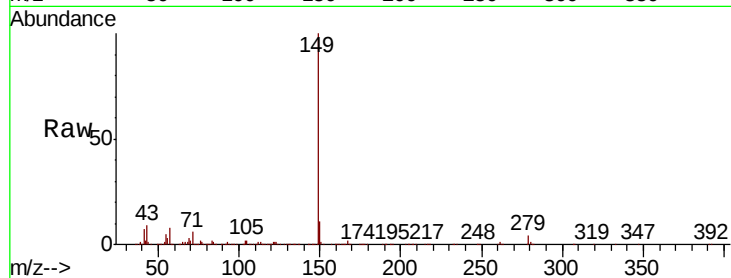
167 1.6 1.2 1.8

43 8.9 7.0 10.6

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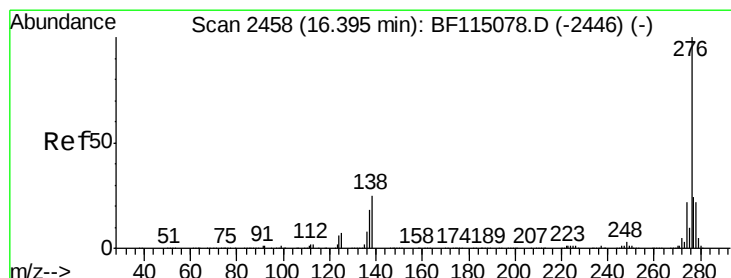
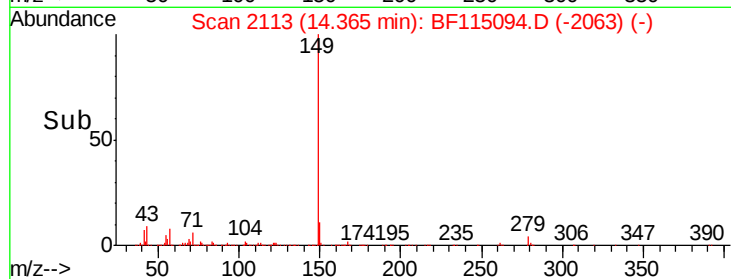
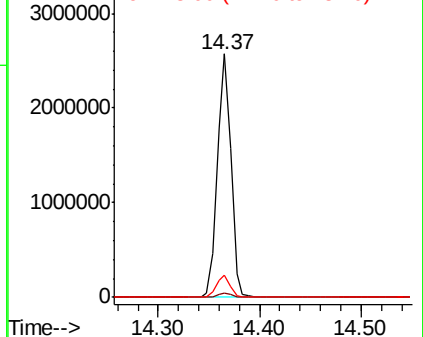
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.277 ng

RT: 16.39 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF115094.D

Acq: 21 Jun 2019 22:44

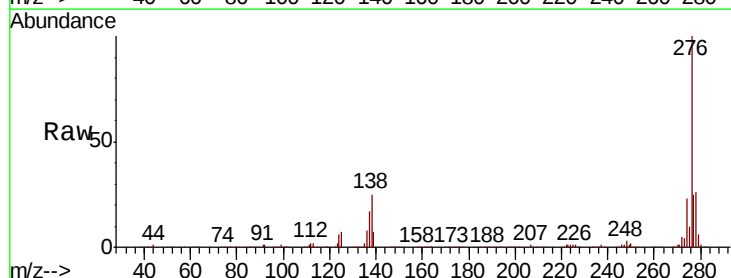
Tgt Ion:276 Resp: 2348770

Ion Ratio Lower Upper

276 100

138 29.1 23.2 34.8

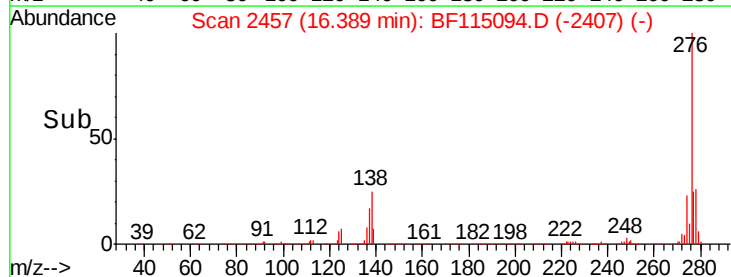
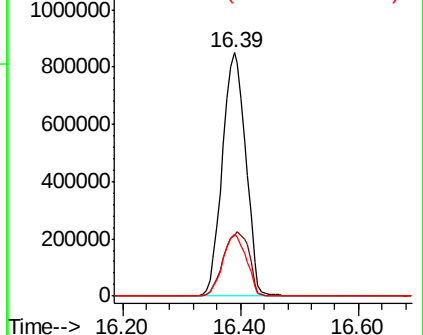
277 25.7 20.1 30.1

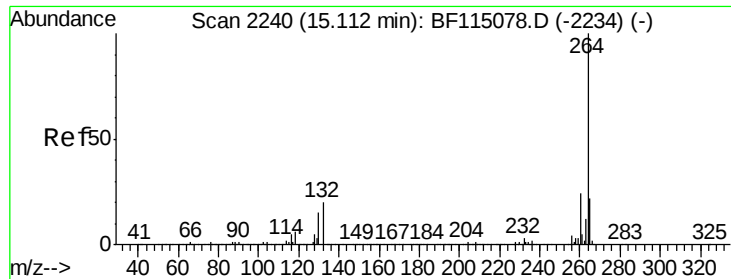


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





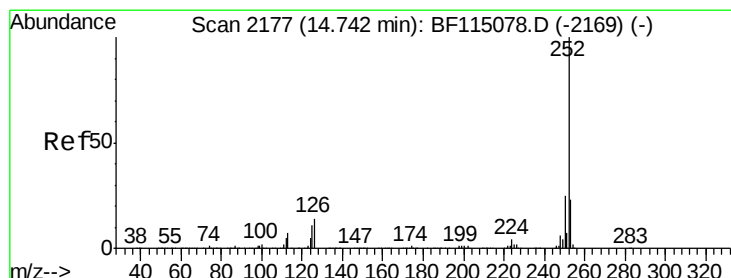
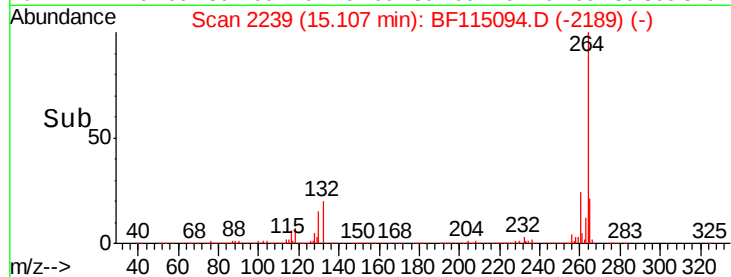
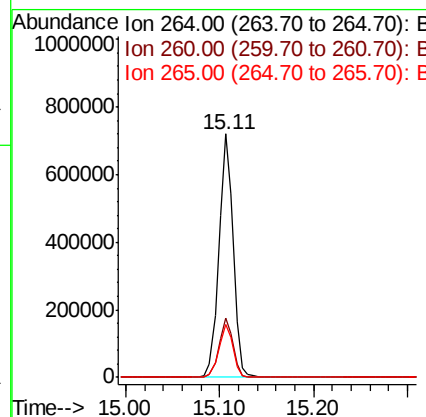
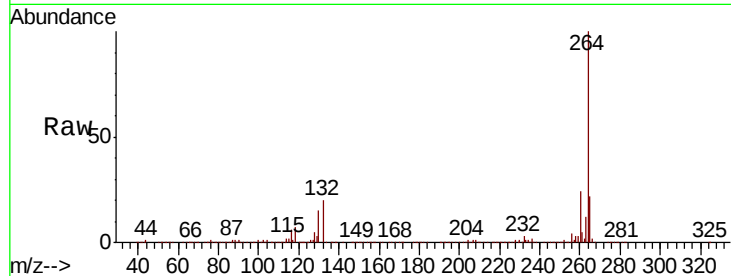
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.4	19.6	29.4		
265	21.5	17.3	25.9		

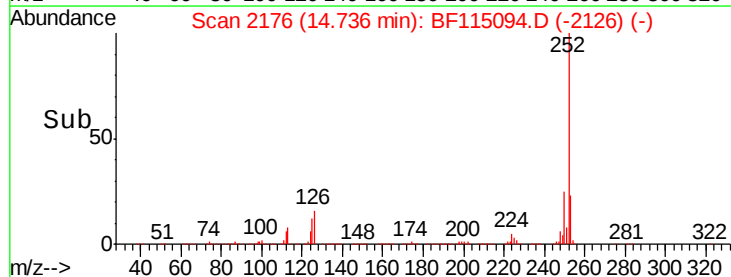
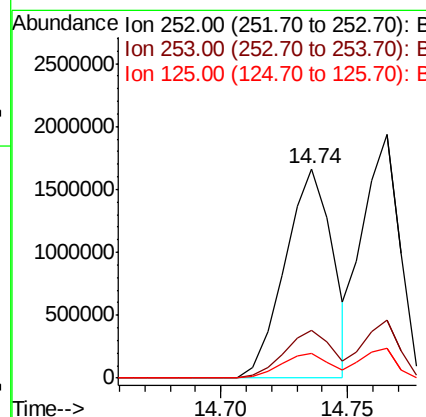
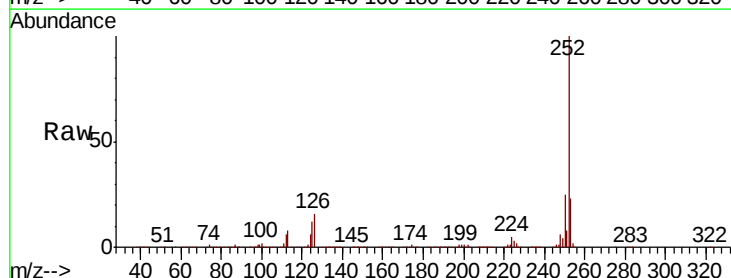
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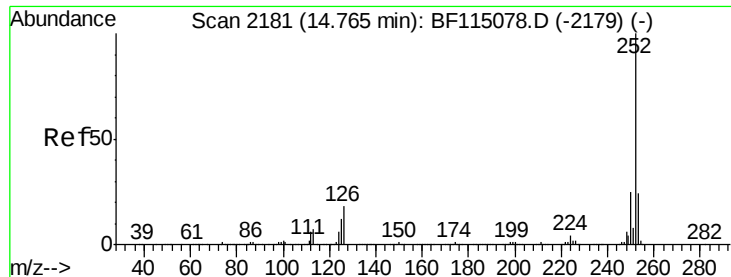
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#88
Benzo(b)fluoranthene
Concen: 45.414 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.9	18.1	27.1		
125	11.5	8.7	13.1		





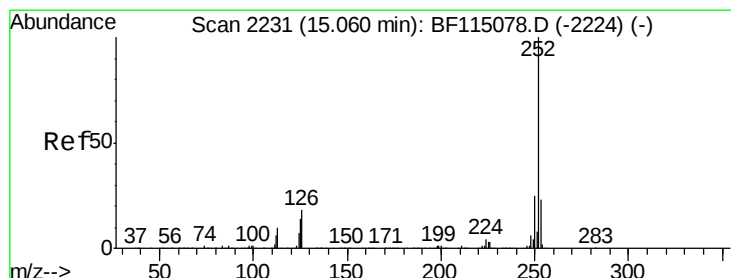
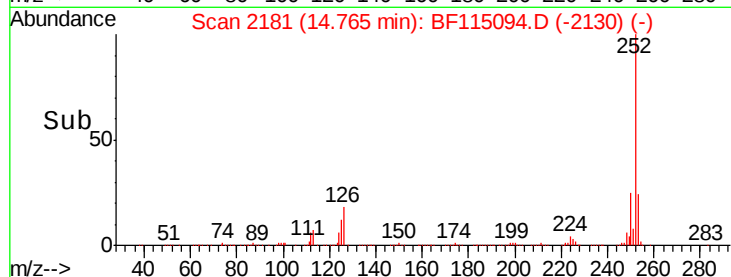
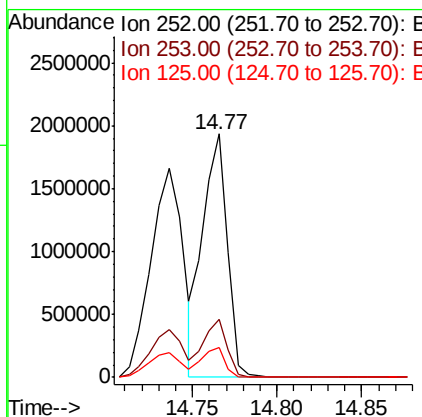
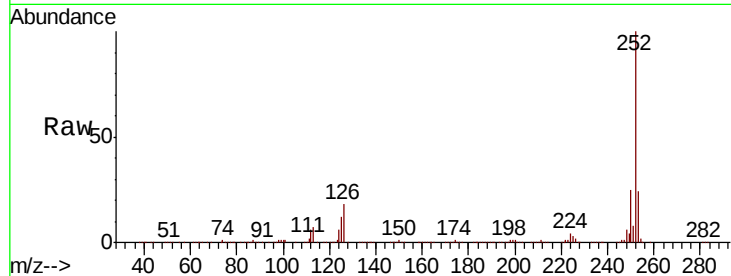
#89
Benzo(k)fluoranthene
Concen: 45.448 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	12.1	10.2	15.2

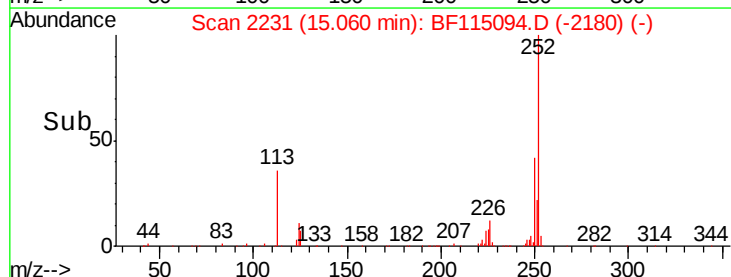
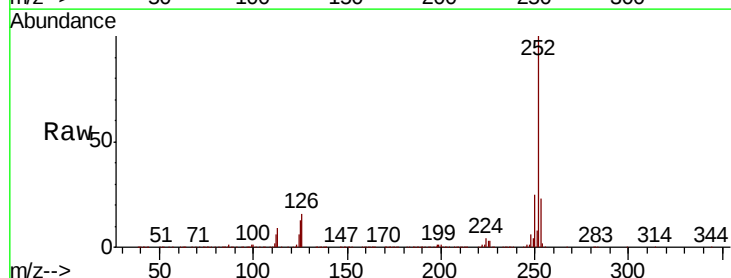
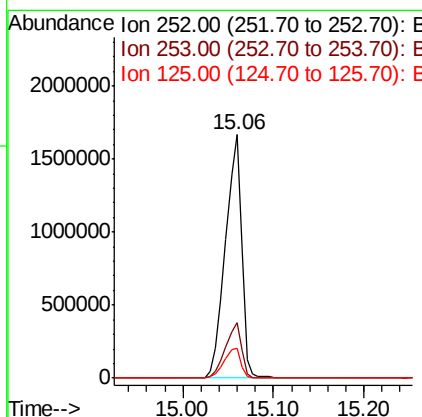
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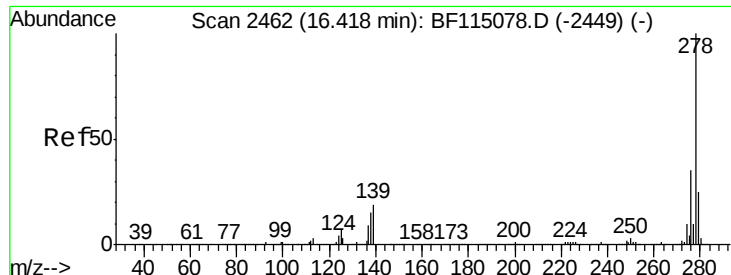
mohammad
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#90
Benzo(a)pyrene
Concen: 47.693 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	12.5	10.9	16.3





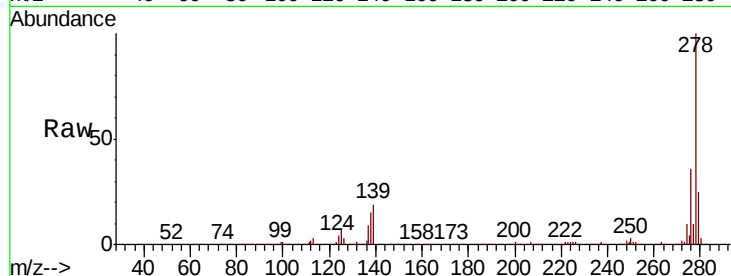
#91
Dibenzo(a,h)anthracene
Concen: 47.859 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Instrument :
BNA_F
ClientSampleId :
PB120753BSD

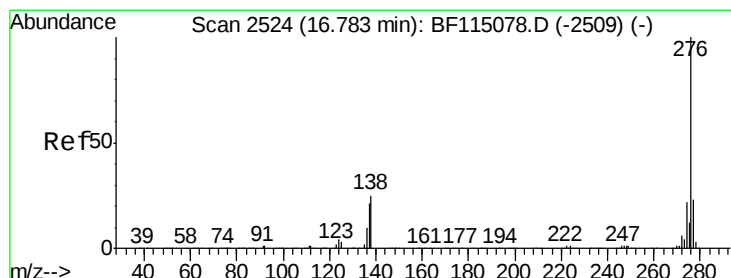
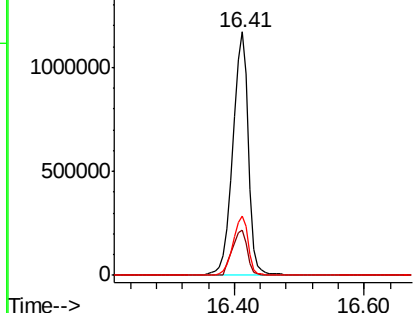
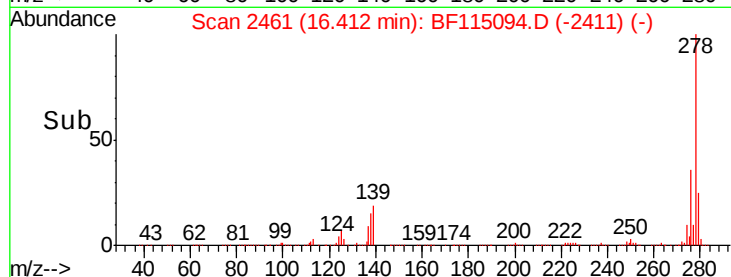
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.4	23.2
279	24.6	19.9	29.9

Manual Integrations
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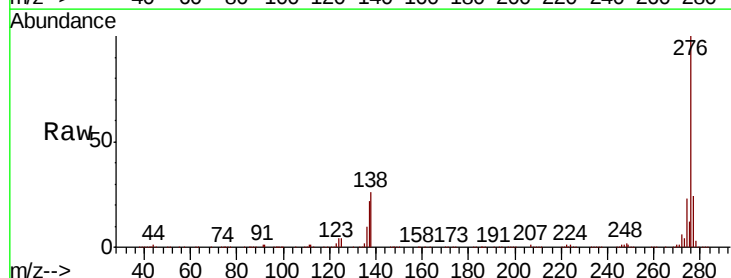


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.114 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF115094.D
Acq: 21 Jun 2019 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	26.0	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

