

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115091.D
 Acq On : 21 Jun 2019 21:25
 Operator : HP/JU
 Sample : PB120707BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Manual Integrations
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 6/25/2019 12:41:18 PM

Quant Time: Jun 22 05:36:37 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	270385	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1059602	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	541821	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1063063	20.00	ng	0.00
76) Chrysene-d12	13.75	240	760419	20.00	ng	0.00
87) Perylene-d12	15.11	264	795556	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2095439	119.59	ng	0.02
7) Phenol-d6	6.26	99	2587720	121.68	ng	0.00
23) Nitrobenzene-d5	7.18	82	1596827	92.70	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	730768	127.90	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2921947	91.60	ng	0.00
79) Terphenyl-d14	12.71	244	3145563	87.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	281798	34.078	ng	99
3) Pyridine	2.95	79	811047	34.799	ng	98
4) n-Nitrosodimethylamine	2.89	42	354004	38.745	ng	99
6) Aniline	6.28	93	674932	23.092	ng	# 7
8) 2-Chlorophenol	6.40	128	807766	40.999	ng	98
9) Benzaldehyde	6.15	77	213974	15.422	ng	99
10) Phenol	6.27	94	937961	37.652	ng	95
11) bis(2-Chloroethyl)ether	6.36	93	736342	40.099	ng	98
12) 1,3-Dichlorobenzene	6.55	146	851709	38.952	ng	98
13) 1,4-Dichlorobenzene	6.63	146	862060	39.317	ng	99
14) 1,2-Dichlorobenzene	6.79	146	797527	39.277	ng	98
15) Benzyl Alcohol	6.77	79	626356	40.447	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1068934	40.135	ng	100
17) 2-Methylphenol	6.88	107	689823	42.418	ng	99
18) Hexachloroethane	7.13	117	313115	39.611	ng	98
19) n-Nitroso-di-n-propylamine	7.04	70	536679	39.418	ng	96
20) 3+4-Methylphenols	7.04	107	781566	41.622	ng	# 88
22) Acetophenone	7.03	105	1076729	44.387	ng	# 98
24) Nitrobenzene	7.20	77	821487	43.290	ng	95
25) Isophorone	7.45	82	1566182	44.385	ng	99
26) 2-Nitrophenol	7.51	139	443369	47.311	ng	97
27) 2,4-Dimethylphenol	7.56	122	767229	50.003	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	965669	43.299	ng	99
29) 2,4-Dichlorophenol	7.76	162	716865	45.272	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	765002	43.738	ng	99
31) Naphthalene	7.92	128	2284625	43.924	ng	100
32) Benzoic acid	7.71	122	595244	54.348	ng	96
33) 4-Chloroaniline	7.97	127	404555	17.019	ng	99
34) Hexachlorobutadiene	8.05	225	405731	42.330	ng	98
35) Caprolactam	8.35	113	239613m	45.009	ng	
36) 4-Chloro-3-methylphenol	8.46	107	724233	45.163	ng	99
37) 2-Methylnaphthalene	8.61	142	1592637	45.413	ng	99
38) 1-Methylnaphthalene	8.71	142	1521763	45.433	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	646135	42.201	ng	99

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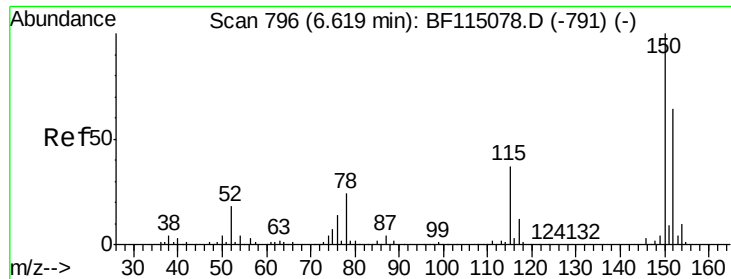
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	716675	78.939	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	537900	45.505	nq	98
44) 2,4,5-Trichlorophenol	8.92	196	529989	43.538	nq	98
46) 1,1'-Biphenyl	9.08	154	1817538	41.924	nq	99
47) 2-Chloronaphthalene	9.10	162	1487131	42.289	nq	98
48) 2-Nitroaniline	9.19	65	441137	43.028	nq	98
49) Acenaphthylene	9.51	152	2294446	41.877	nq	99
50) Dimethylphthalate	9.39	163	1689970	42.395	nq	100
51) 2,6-Dinitrotoluene	9.44	165	413490	44.929	nq	99
52) Acenaphthene	9.68	154	1606799	46.866	nq	99
53) 3-Nitroaniline	9.60	138	296316	26.384	nq	94
54) 2,4-Dinitrophenol	9.71	184	434832	90.736	nq	97
55) Dibenzofuran	9.85	168	2032783	41.310	nq	98
56) 4-Nitrophenol	9.77	139	773874	85.950	nq	95
57) 2,4-Dinitrotoluene	9.84	165	557195	46.890	nq	# 89
58) Fluorene	10.20	166	1376404	41.499	nq	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	474852	46.521	nq	99
60) Diethylphthalate	10.09	149	1741486	43.461	nq	99
61) 4-Chlorophenyl-phenylether	10.19	204	669894	42.675	nq	96
62) 4-Nitroaniline	10.22	138	461368	40.950	nq	97
63) Azobenzene	10.35	77	1604850	42.879	nq	99
65) 4,6-Dinitro-2-methylphenol	10.24	198	261107	46.351	nq	85
66) n-Nitrosodiphenylamine	10.31	169	1445358	43.641	nq	99
67) 4-Bromophenyl-phenylether	10.68	248	492915	42.766	nq	97
68) Hexachlorobenzene	10.74	284	535787	42.827	nq	98
69) Atrazine	10.84	200	473501	44.444	nq	99
70) Pentachlorophenol	10.93	266	638533	80.116	nq	97
71) Phenanthrene	11.15	178	2306433	40.296	nq	99
72) Anthracene	11.20	178	2369699	41.015	nq	99
73) Carbazole	11.35	167	2202009	42.681	nq	99
74) Di-n-butylphthalate	11.70	149	2581189	43.295	nq	98
75) Fluoranthene	12.32	202	2462045	43.112	nq	99
77) Benzidine	12.45	184	533990	15.815	nq	100
78) Pyrene	12.55	202	2463610	42.157	nq	98
80) Butylbenzylphthalate	13.19	149	1196734	46.404	nq	98
81) Benzo(a)anthracene	13.74	228	2296287	42.085	nq	99
82) 3,3'-Dichlorobenzidine	13.70	252	566550	28.754	nq	99
83) Chrysene	13.77	228	2084494	41.706	nq	99
84) Bis(2-ethylhexyl)phthalate	13.76	149	1537159	45.488	nq	# 99
85) Di-n-octyl phthalate	14.37	149	2642003	46.533	nq	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	2591249	43.814	nq	100
88) Benzo(b)fluoranthene	14.74	252	2324289	46.823	nq	97
89) Benzo(k)fluoranthene	14.77	252	2259886	50.765	nq	100
90) Benzo(a)pyrene	15.06	252	2270970	50.757	nq	99
91) Dibenzo(a,h)anthracene	16.42	278	2116966	50.682	nq	100
92) Benzo(g,h,i)perylene	16.78	276	2164274	51.195	nq	99

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



#1

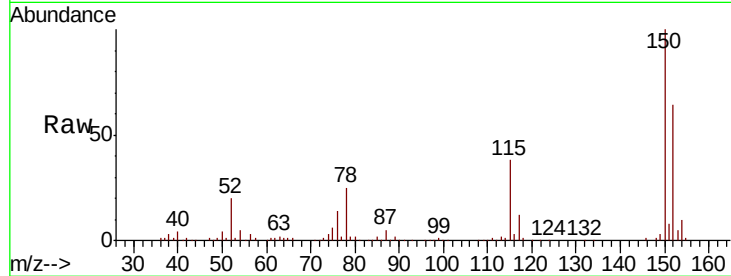
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.2	186.2
115	59.6	46.1	69.1

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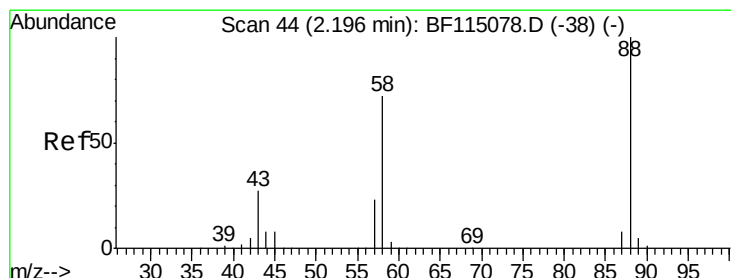
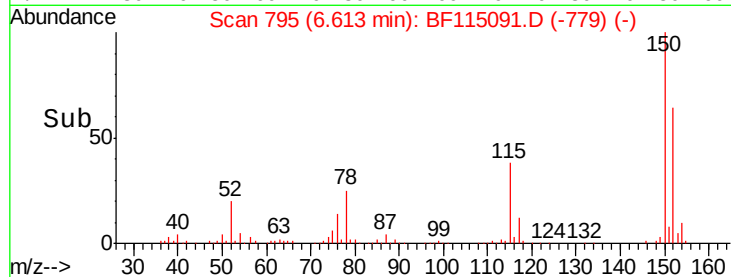
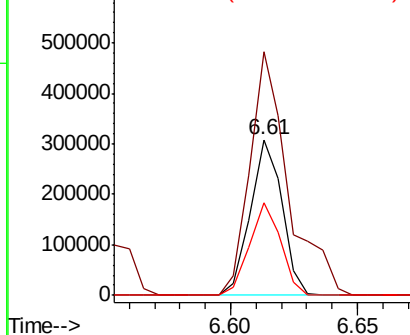


Abundance

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: 34.078 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

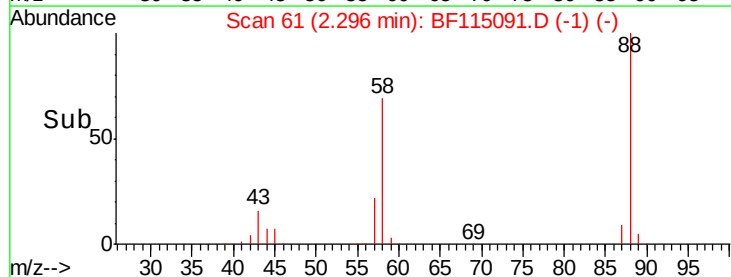
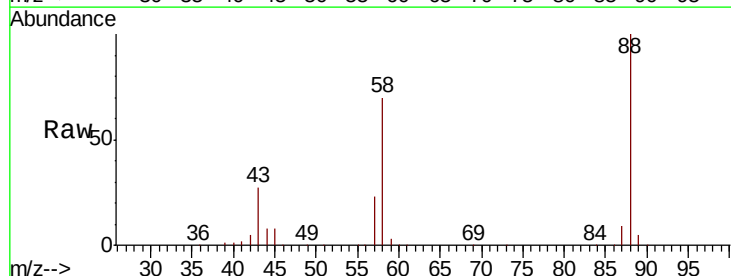
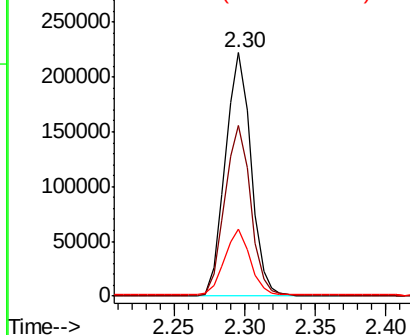
Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	56.1	84.1
43	27.2	21.3	31.9

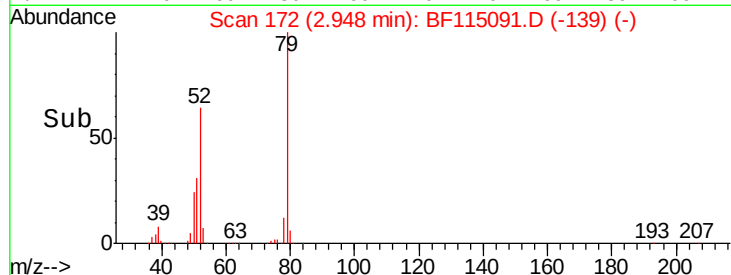
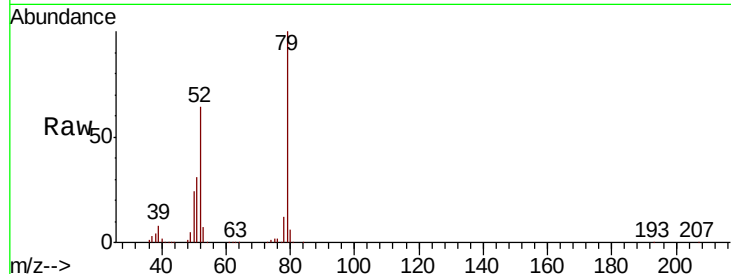
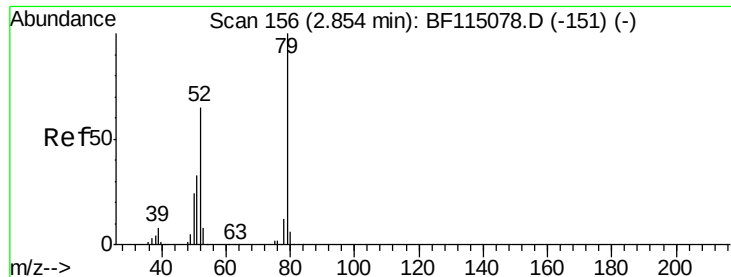
Abundance

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





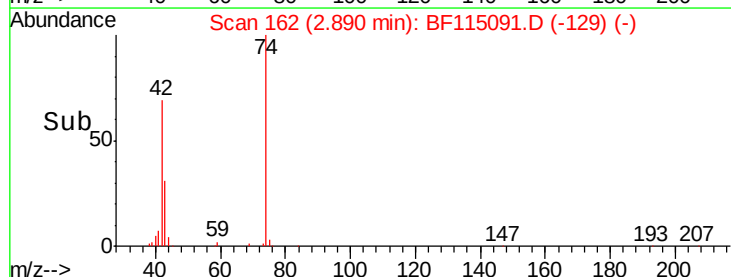
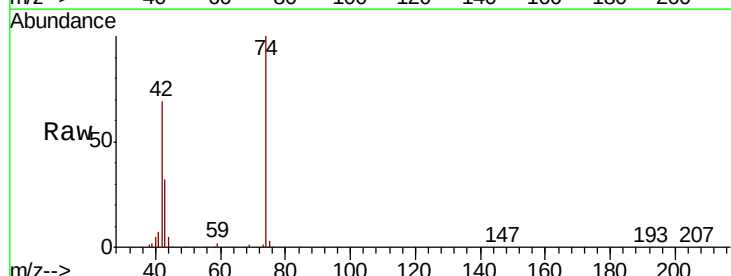
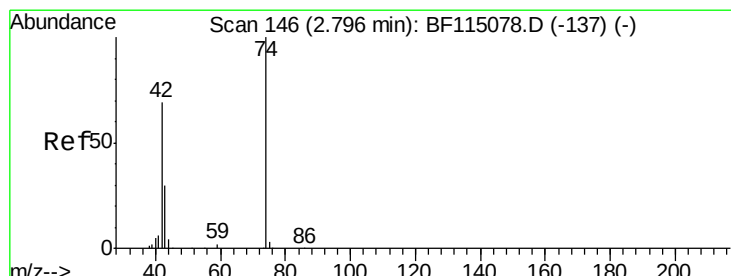
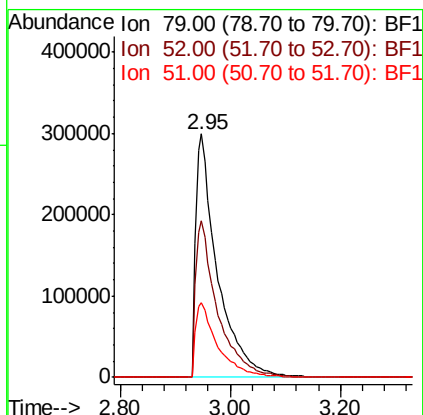
#3
 Pvridine
 Concen: 34.799 ng
 RT: 2.95 min Scan# 172
 Delta R.T. 0.09 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.3	52.3	78.5
51	30.6	26.1	39.1

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

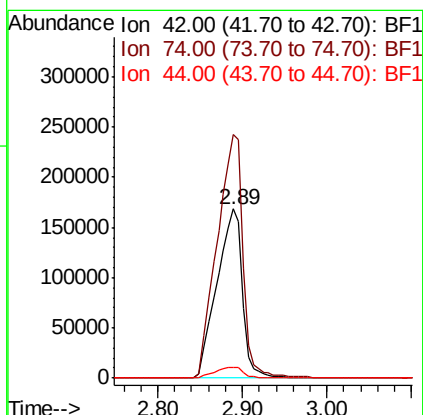
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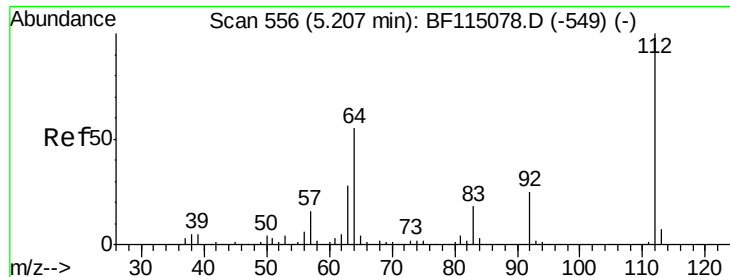
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#4
 n-Nitrosodimethylamine
 Concen: 38.745 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.09 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.2	116.6	175.0
44	6.6	5.3	7.9





#5

2-Fluorophenol

Concen: 119.593 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

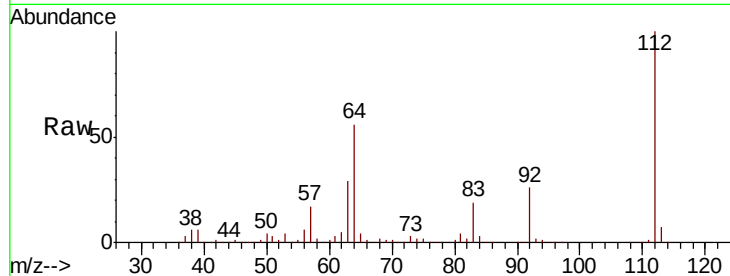
ClientSampleId :

PB120707BS

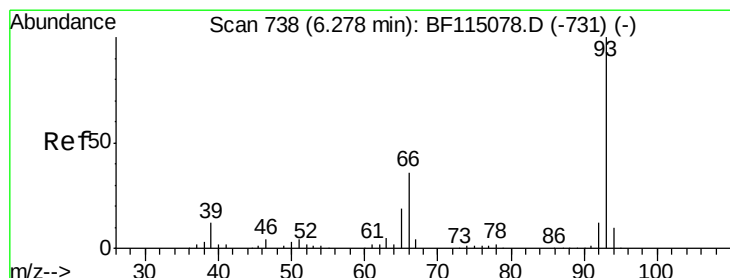
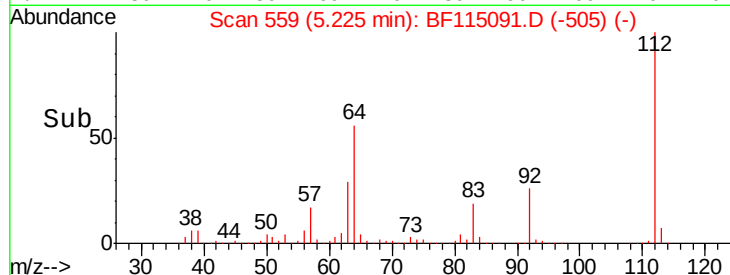
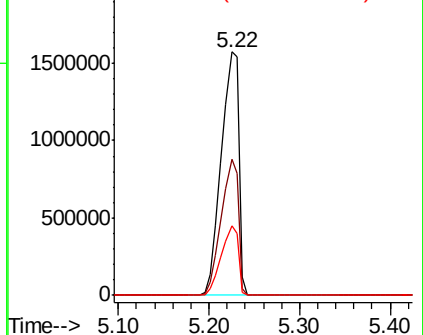
Tot Ion:	112	Resp:	2095439
Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.8	65.6
63	28.5	22.2	33.4

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



#6

Aniline

Concen: 23.092 ng

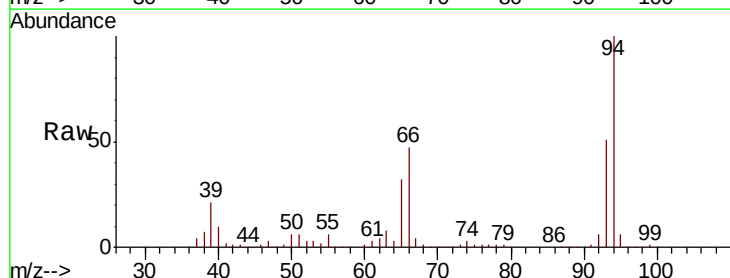
RT: 6.28 min Scan# 738

Delta R.T. -0.00 min

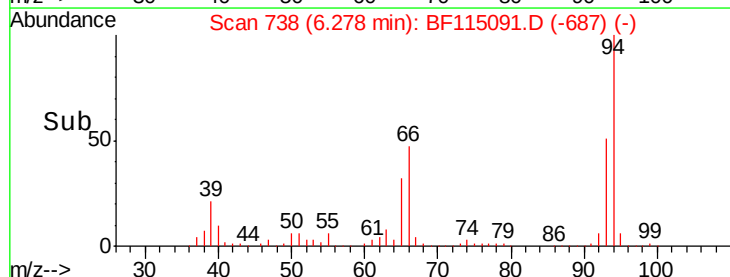
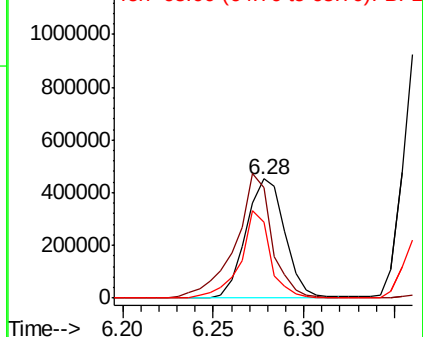
Lab File: BF115091.D

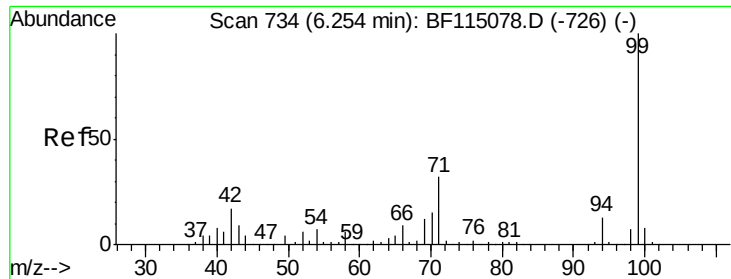
Acq: 21 Jun 2019 21:25

Tgt Ion:	93	Resp:	674932
Ion	Ratio	Lower	Upper
93	100		
66	92.5	30.0	45.0#
65	63.4	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: 121.679 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

Tot Ion: 99 Resp: 2587720

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

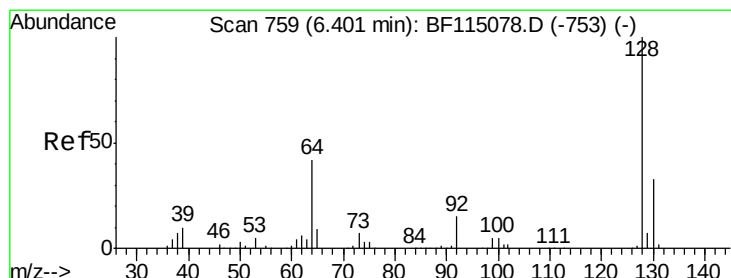
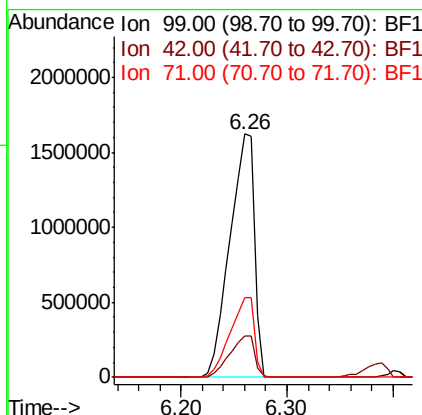
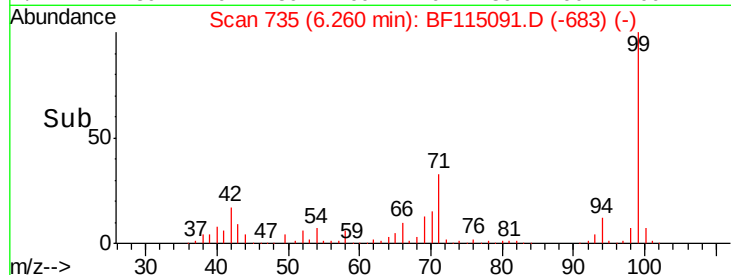
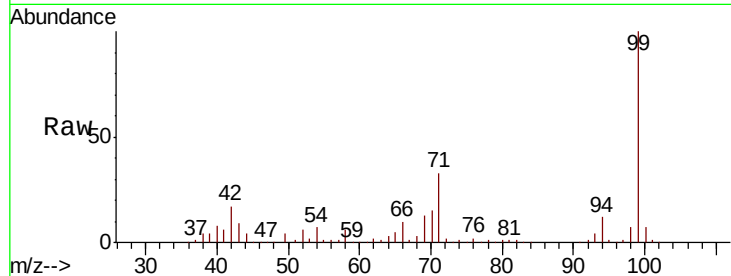
71 32.9 25.5 38.3

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#8

2-Chlorophenol

Concen: 40.999 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

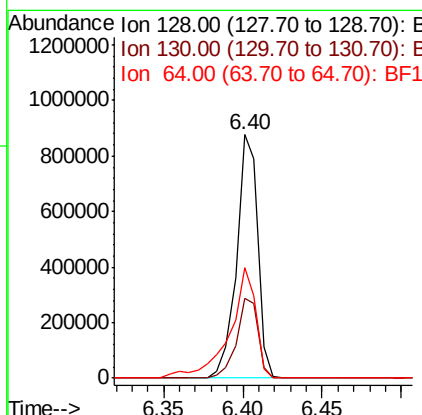
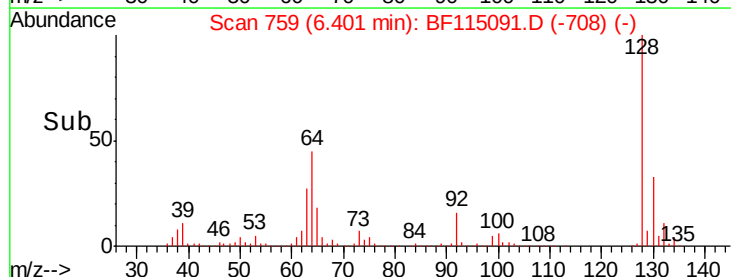
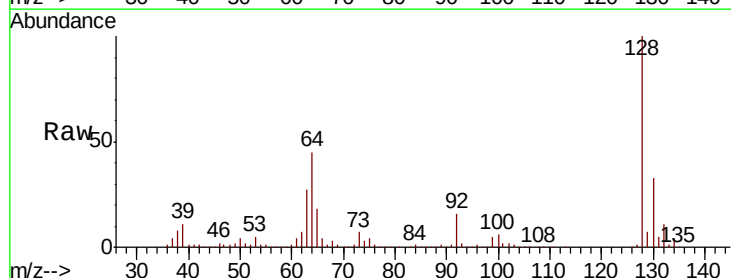
Tgt Ion: 128 Resp: 807766

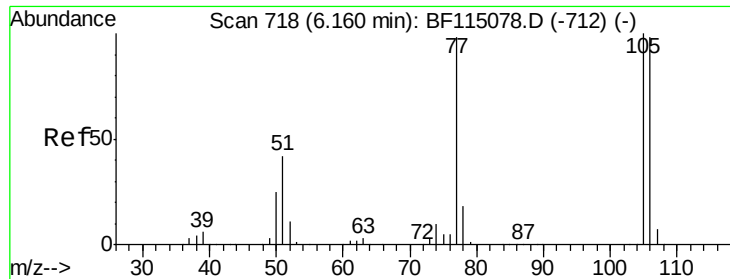
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 45.2 22.9 62.9





#9

Benzaldehyde

Concen: 15.422 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

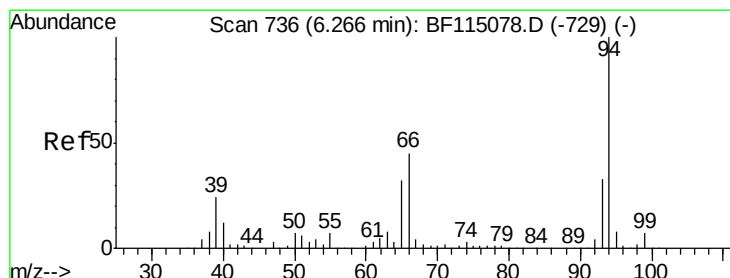
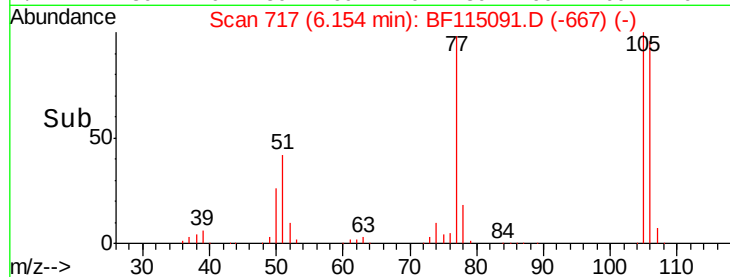
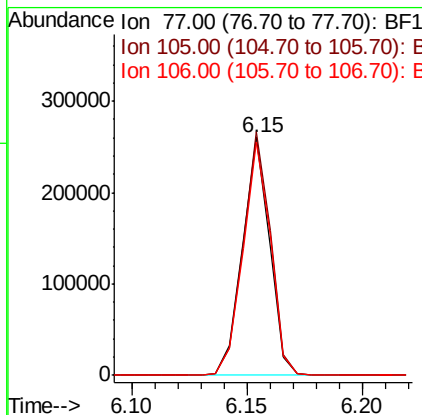
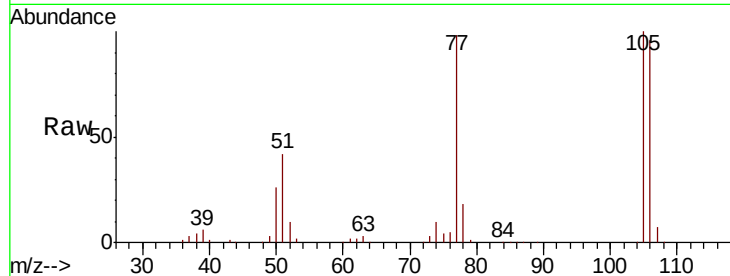
ClientSampleId :

PB120707BS

Tot Ion:	77	Resp:	213974
Ion	Ratio	Lower	Upper
77	100		
105	102.2	81.5	121.5
106	97.9	79.7	119.7

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#10

Phenol

Concen: 37.652 ng

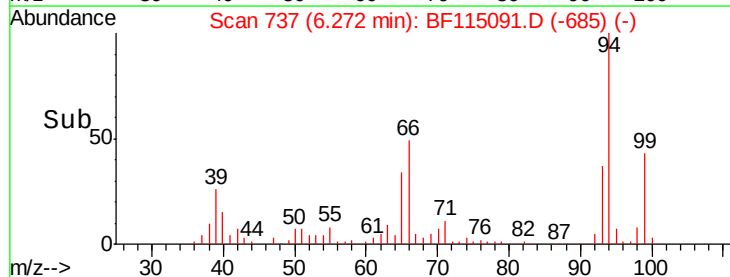
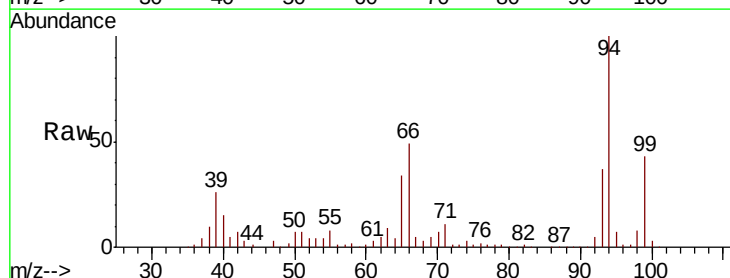
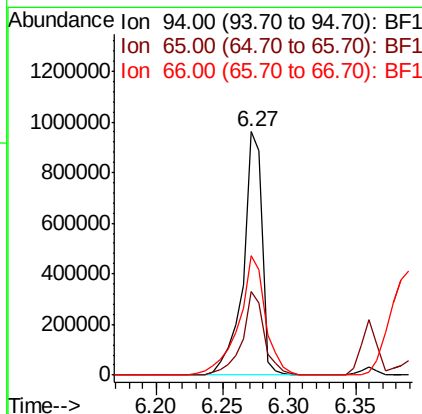
RT: 6.27 min Scan# 737

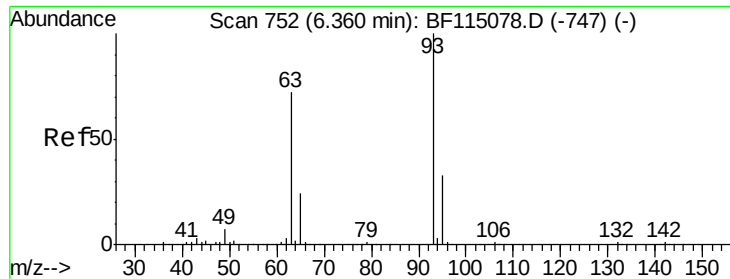
Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:	94	Resp:	937961
Ion	Ratio	Lower	Upper
94	100		
65	34.3	11.9	51.9
66	49.2	25.2	65.2





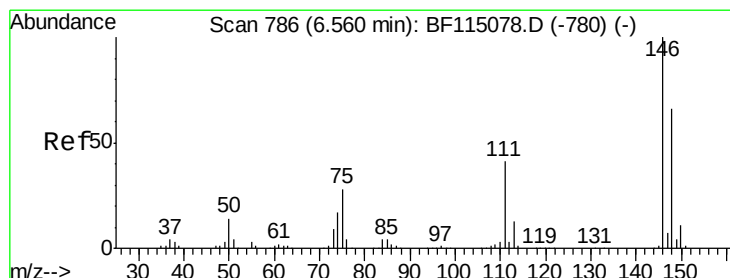
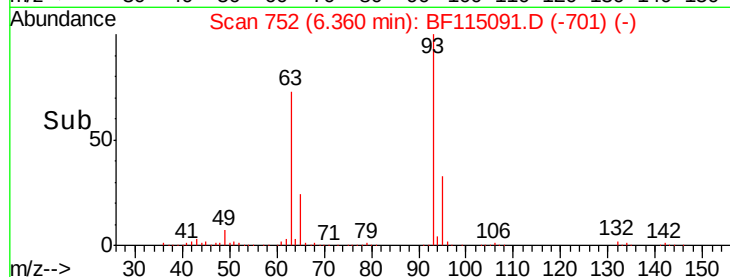
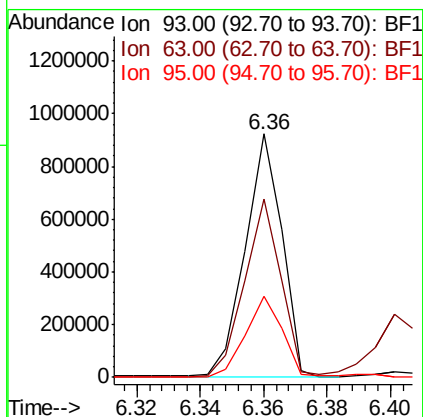
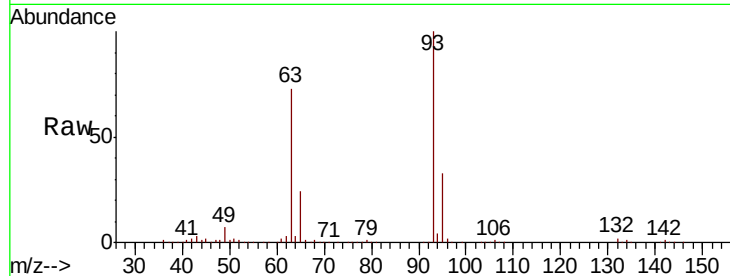
#11
bis(2-Chloroethyl)ether
Concen: 40.099 ng
RT: 6.36 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.3	51.5	91.5
95	33.2	13.4	53.4

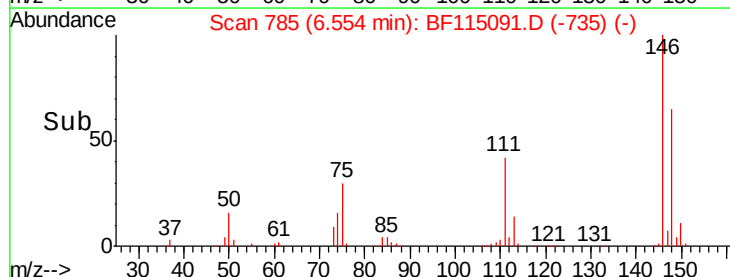
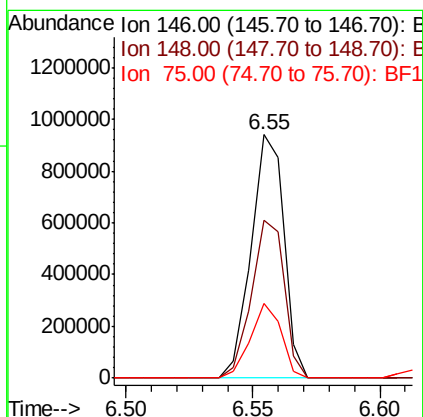
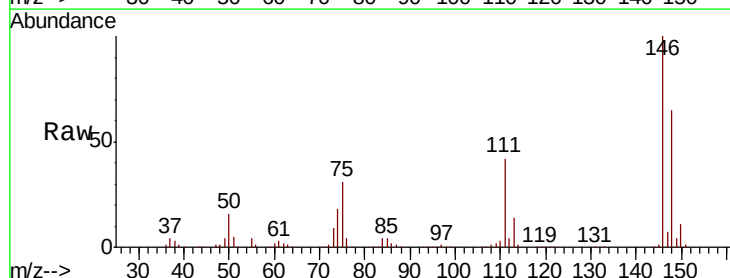
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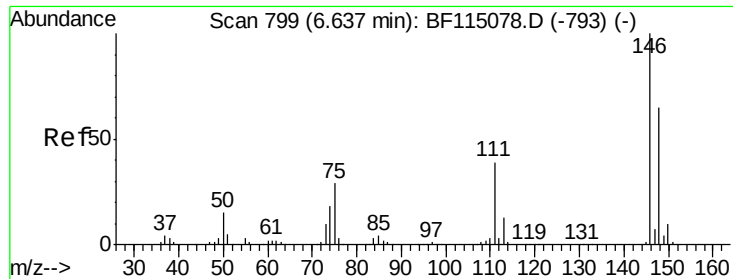
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.952 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
75	30.8	22.6	34.0





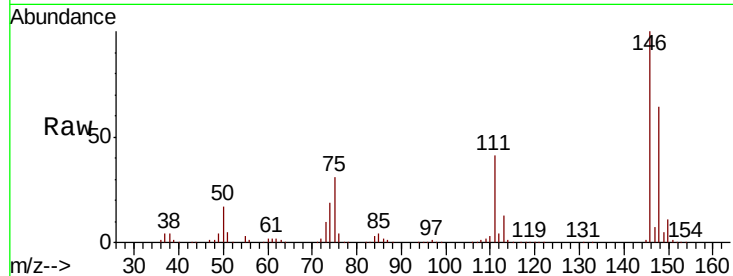
#13
1,4-Dichlorobenzene
Concen: 39.317 ng
RT: 6.63 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampled :
PB120707BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	41.0	31.4	47.0

Manual Integrations
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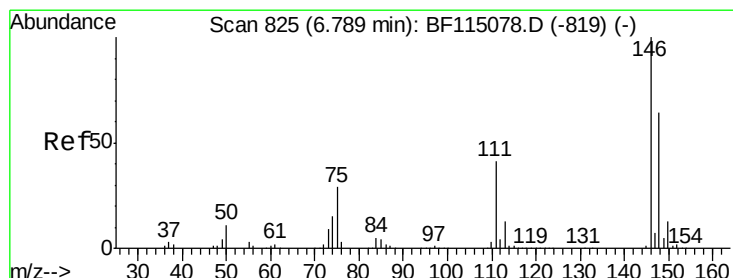
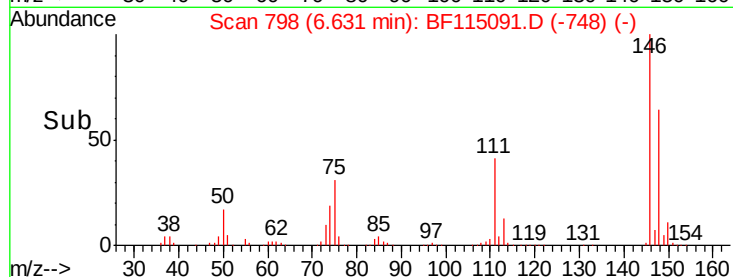
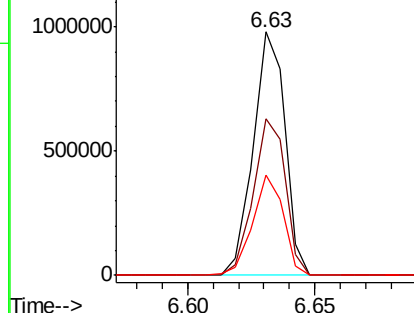


Abundance

Ion 146.00 (145.70 to 146.70): E

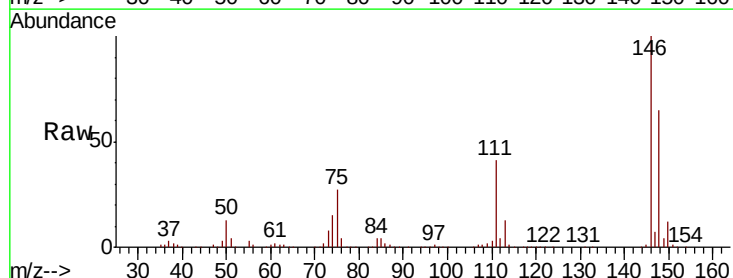
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.277 ng
RT: 6.79 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	40.6	33.2	49.8

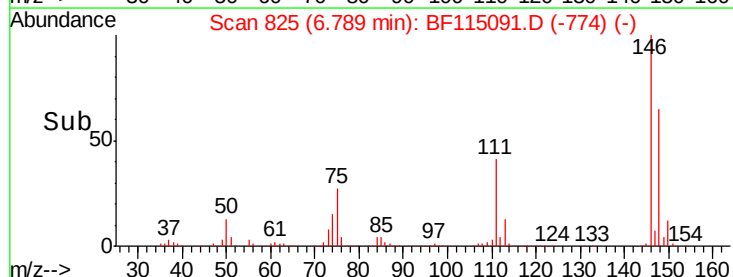
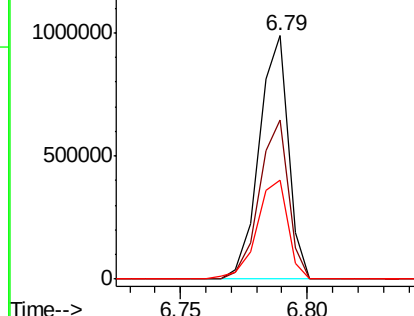


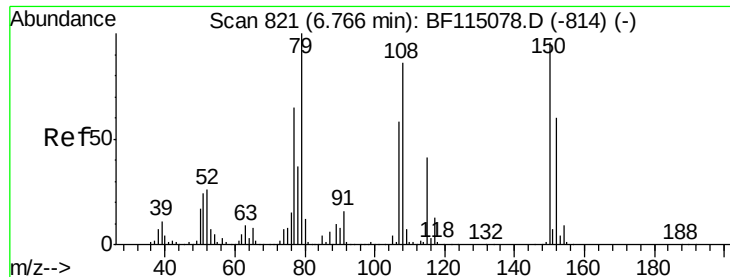
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





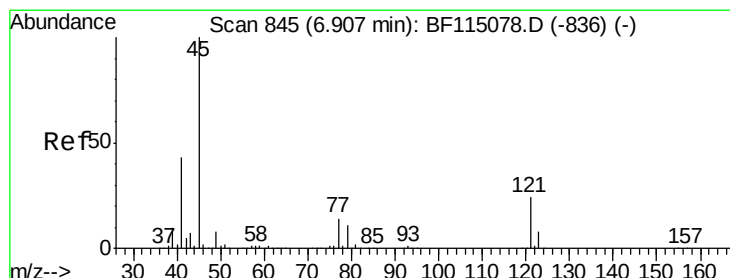
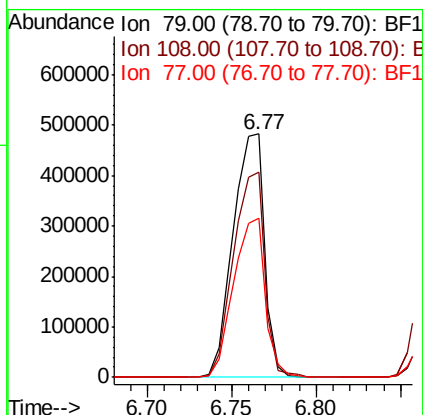
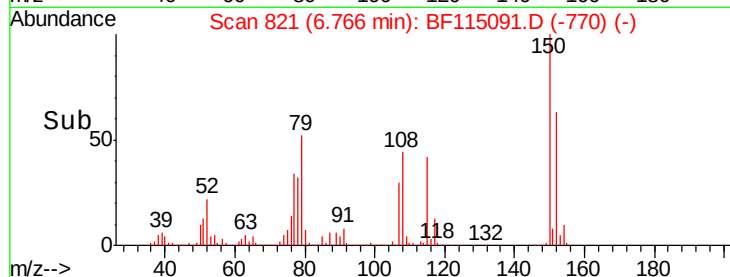
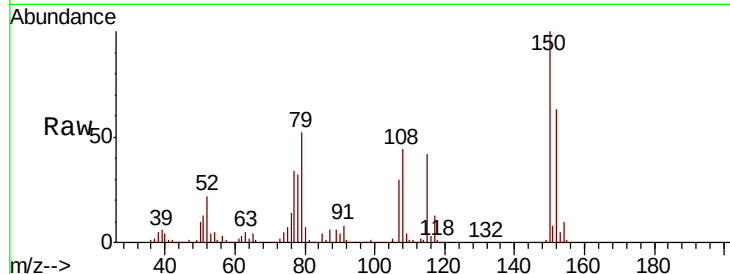
#15
Benzyl Alcohol
Concen: 40.447 ng
RT: 6.77 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.5	68.7	103.1
77	65.5	51.7	77.5

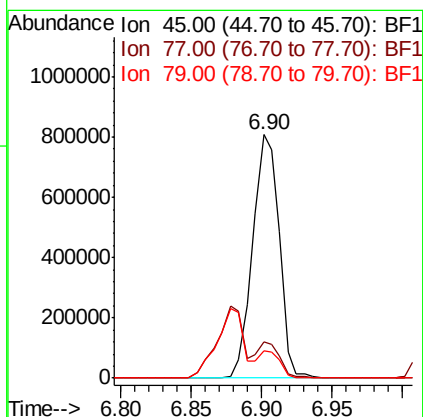
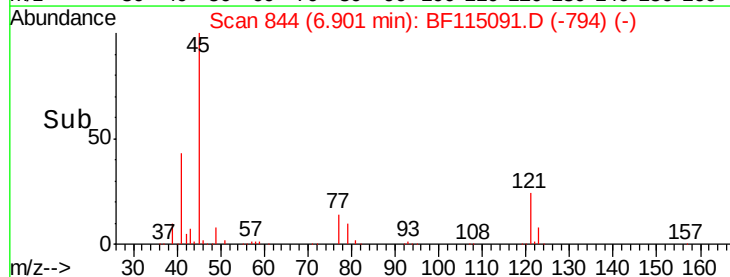
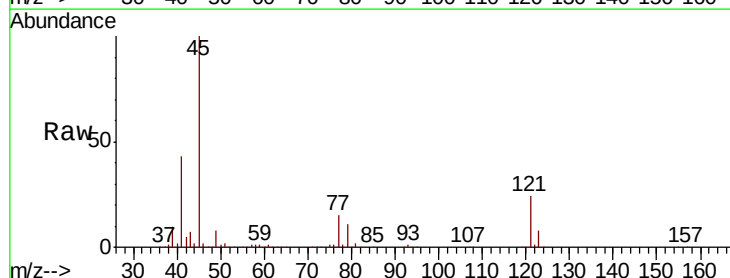
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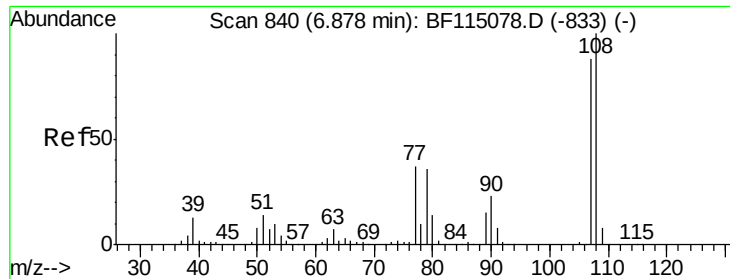
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.135 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.6
79	11.1	0.0	31.2





#17

2-Methylphenol

Concen: 42.418 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleID :

PB120707BS

Tot Ion:107 Resp: 689823

Ion Ratio Lower Upper

107 100

108 114.0 90.9 136.3

77 43.6 33.4 50.2

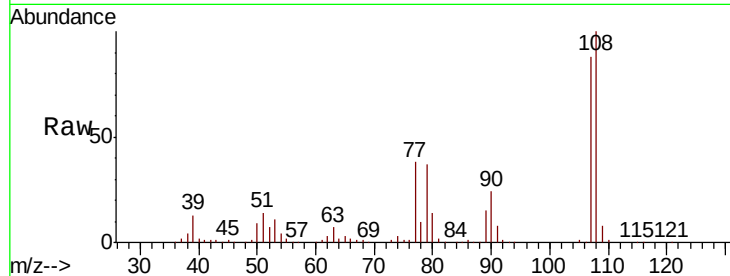
79 42.1 32.3 48.5

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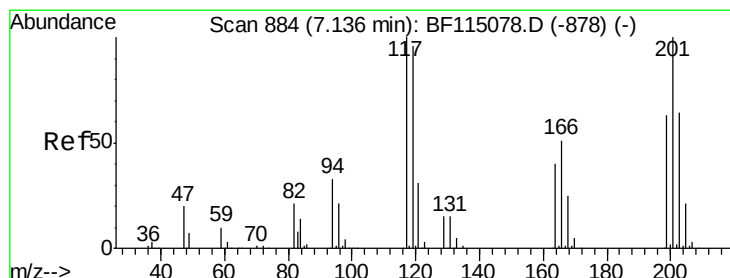
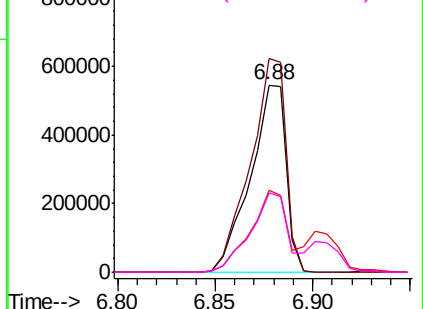
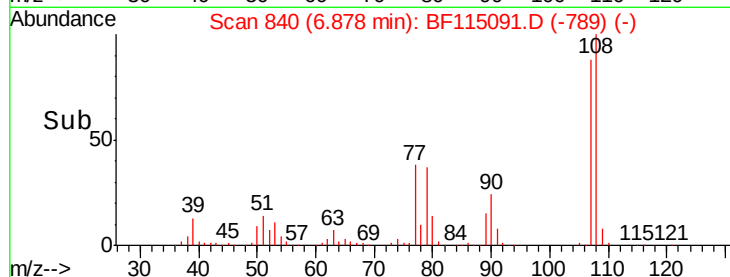


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.611 ng

RT: 7.13 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

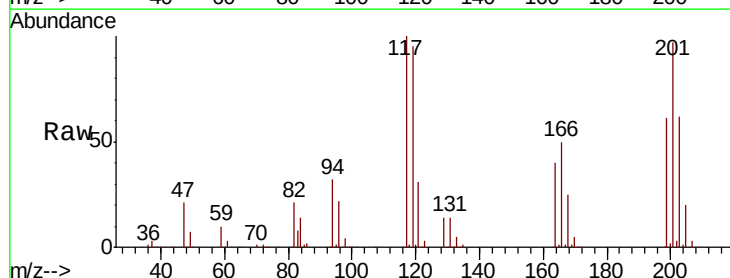
Tgt Ion:117 Resp: 313115

Ion Ratio Lower Upper

117 100

119 95.1 76.6 114.8

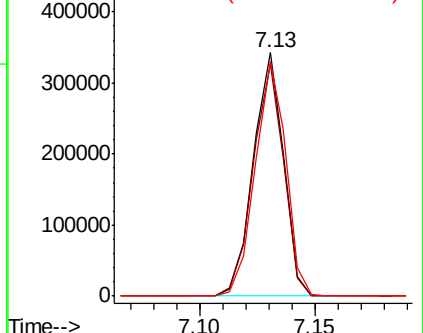
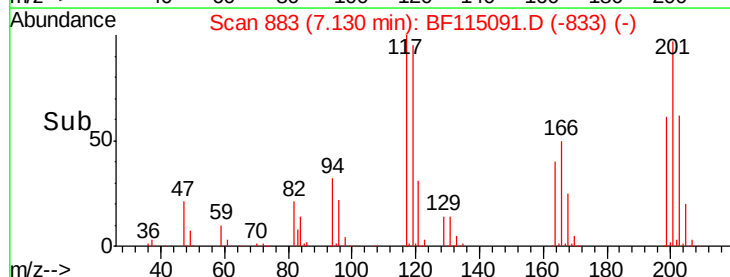
201 96.6 80.2 120.2

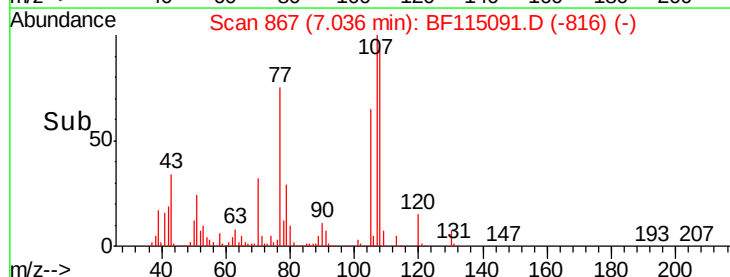
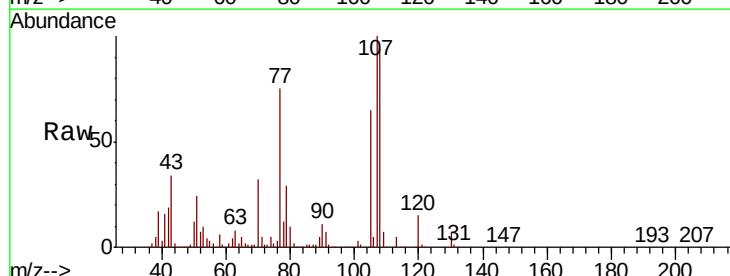
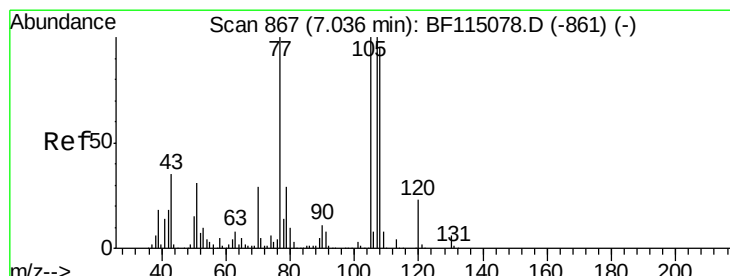
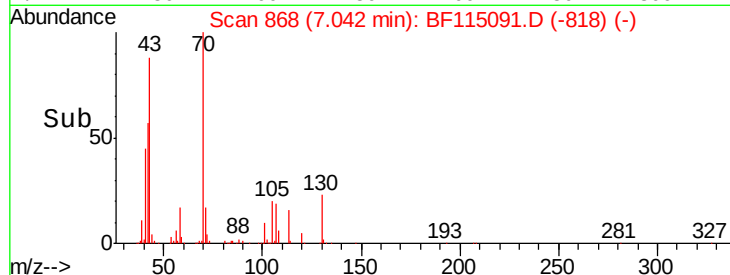
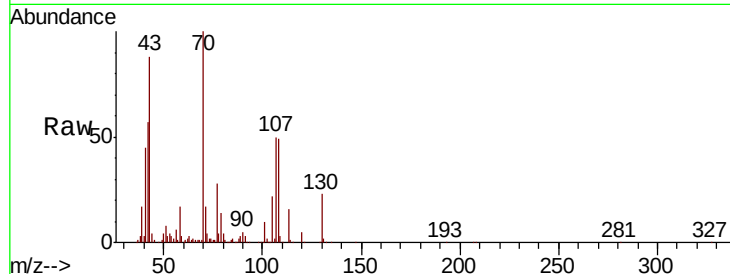
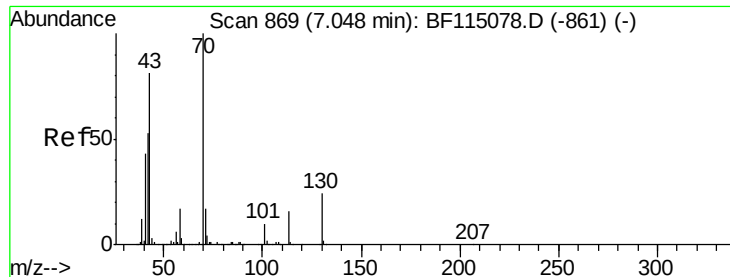


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





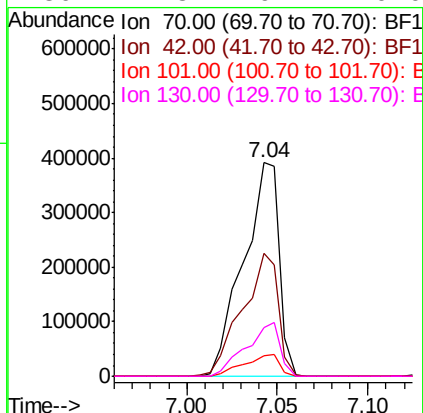
#19
n-Nitroso-di-n-propylamine
Concen: 39.418 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.4	42.6	63.8	
101	9.8	8.0	12.0	
130	22.8	19.4	29.0	

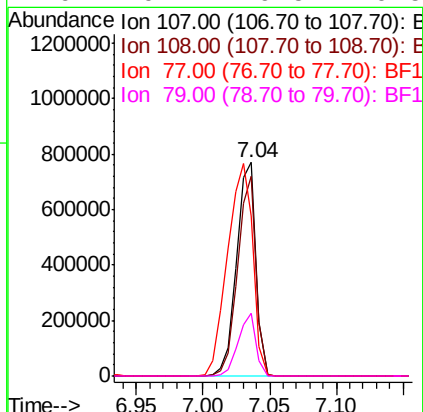
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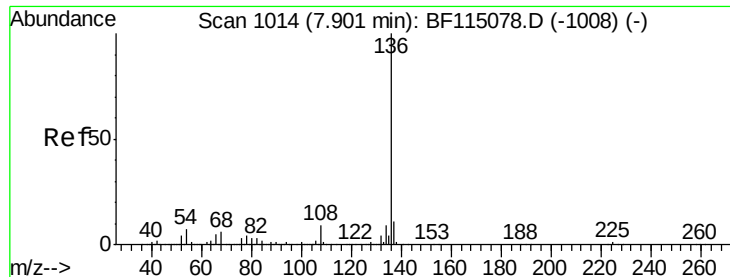
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#20
3+4-Methylphenols
Concen: 41.622 ng
RT: 7.04 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.7	75.5	115.5	
77	74.9	80.2	120.2	
79	29.2	9.5	49.5	





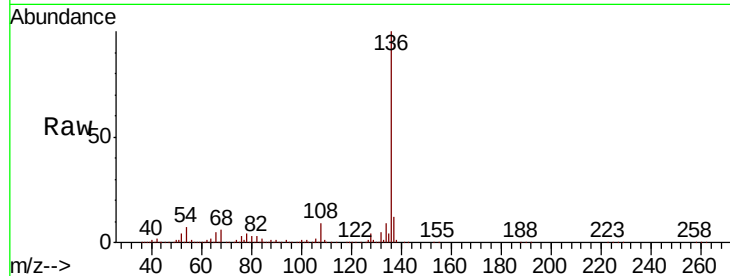
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	136	Resp	1059602
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.2	5.6	8.4
68	6.3	4.8	7.2

Manual Integrations
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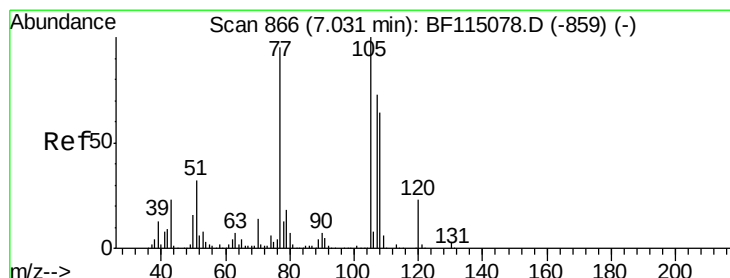
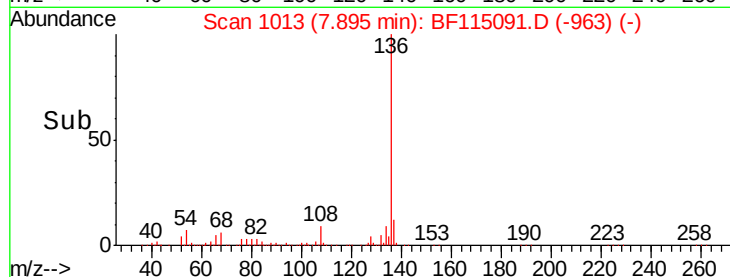
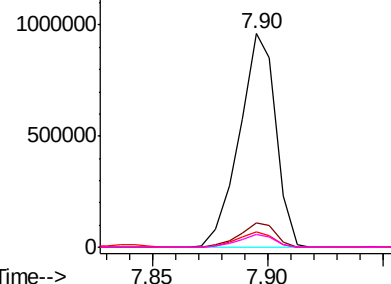
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.387 ng
RT: 7.03 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	105	Resp	1076729
Ion	Ratio	Lower	Upper
105	100		
71	4.6	1.9	2.9#
51	33.4	25.8	38.8
120	22.7	18.5	27.7

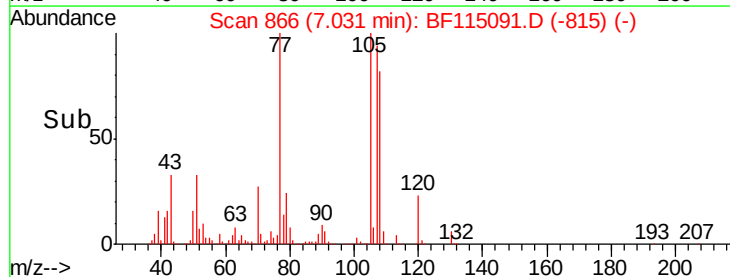
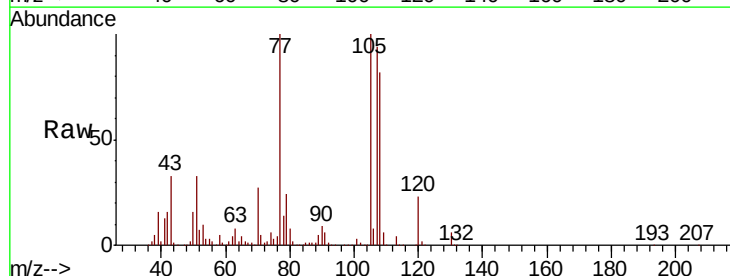
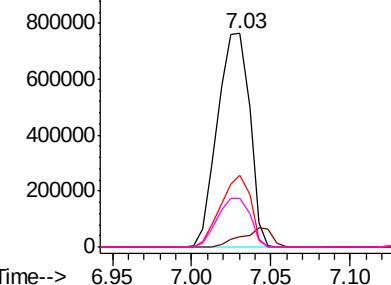
Abundance

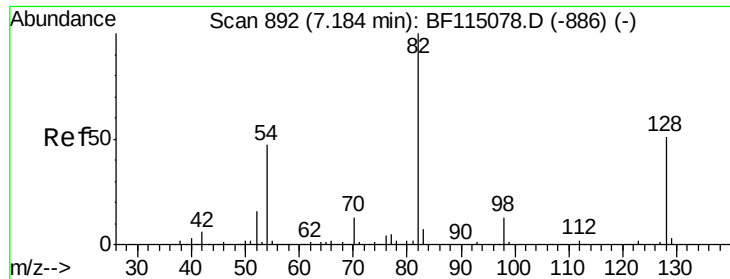
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





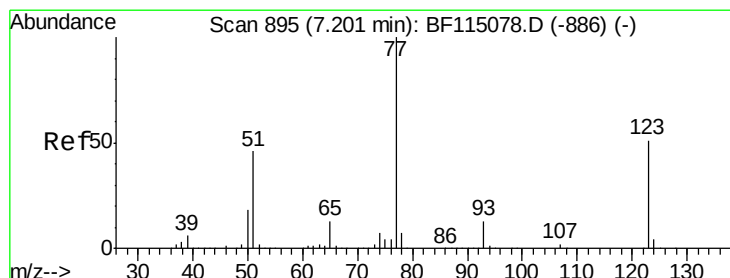
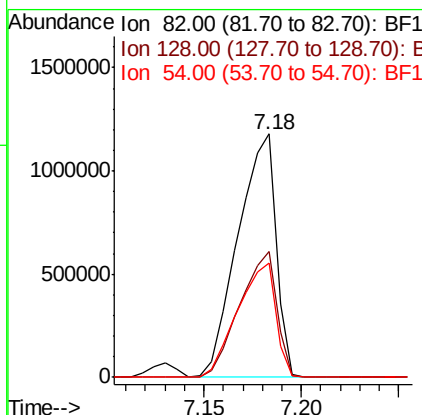
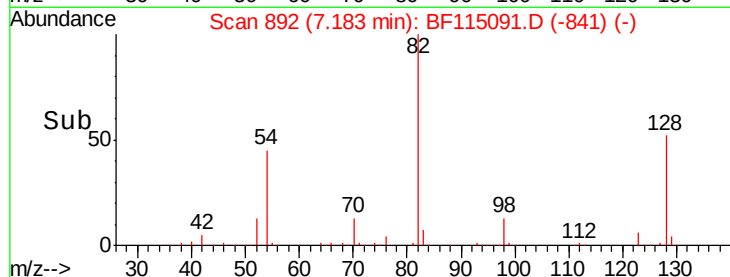
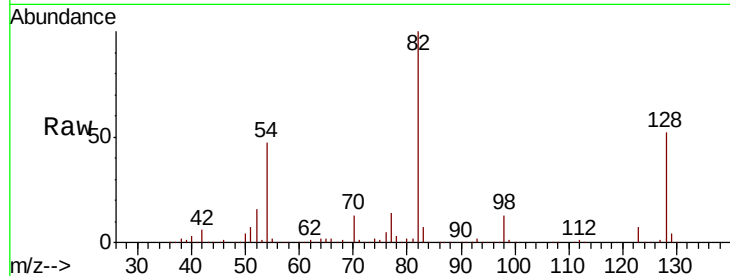
#23
 Nitrobenzene-d5
 Concen: 92.704 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.6	40.4	60.6
54	46.9	37.5	56.3

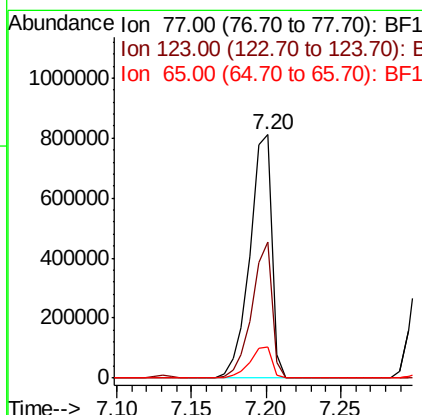
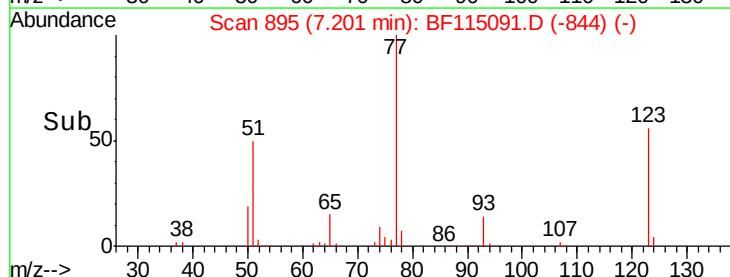
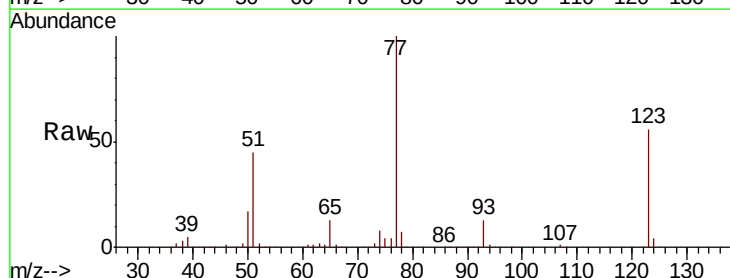
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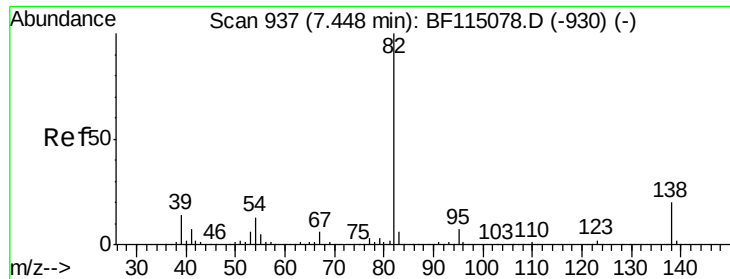
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#24
 Nitrobenzene
 Concen: 43.290 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.6	41.0	61.6
65	12.7	10.5	15.7





#25

Isophorone

Concen: 44.385 ng

RT: 7.45 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampled :

PB120707BS

Tot Ion: 82 Resp: 1566182

Ion Ratio Lower Upper

82 100

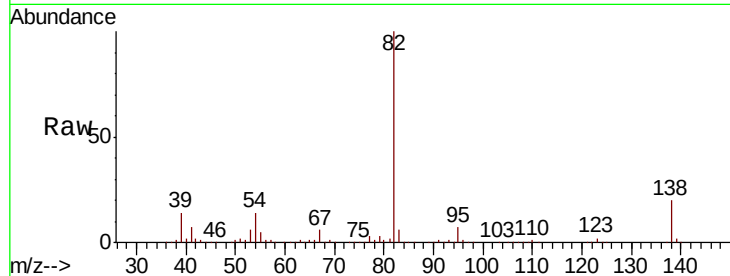
95 6.8 5.4 8.2

138 20.3 15.9 23.9

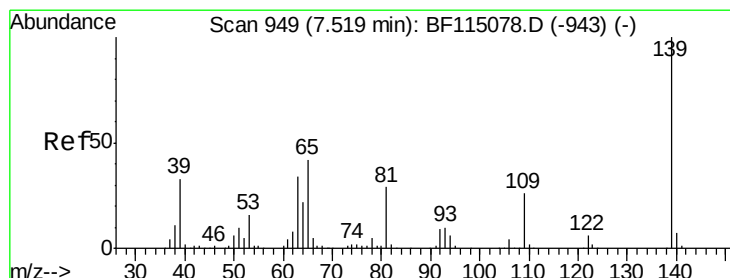
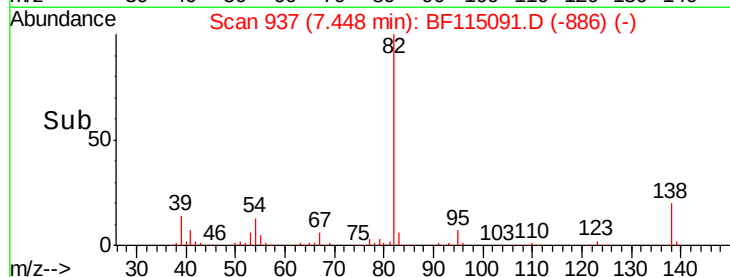
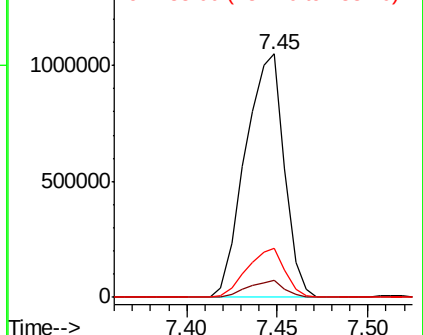
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.311 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

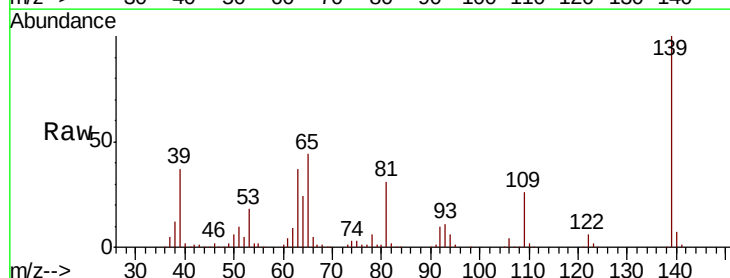
Tgt Ion: 139 Resp: 443369

Ion Ratio Lower Upper

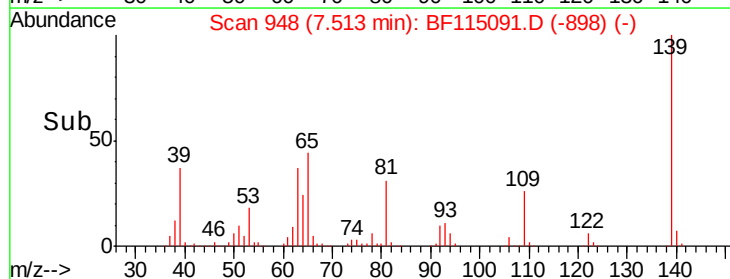
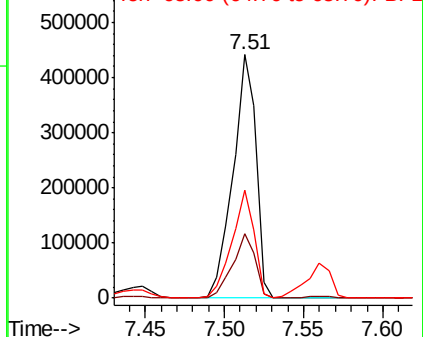
139 100

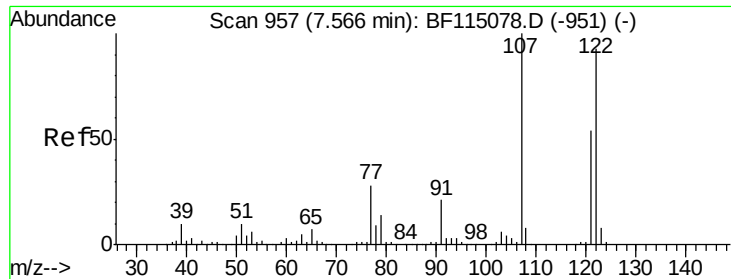
109 26.4 20.4 30.6

65 44.4 33.6 50.4



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





#27

2,4-Dimethylphenol

Concen: 50.003 ng

RT: 7.56 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

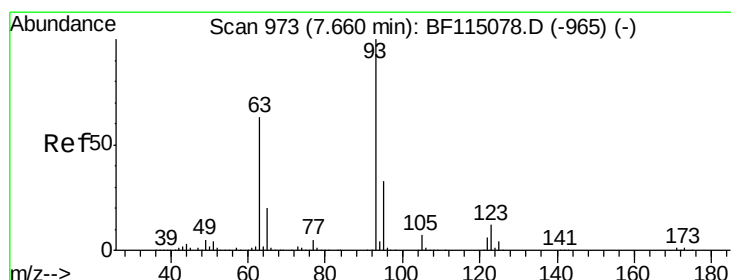
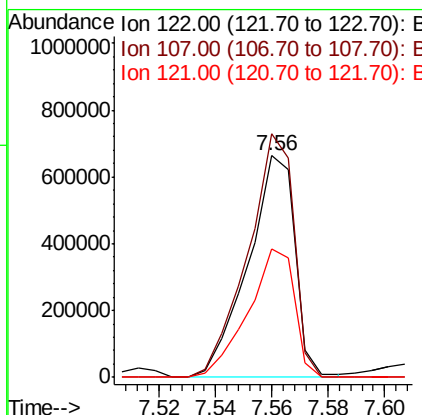
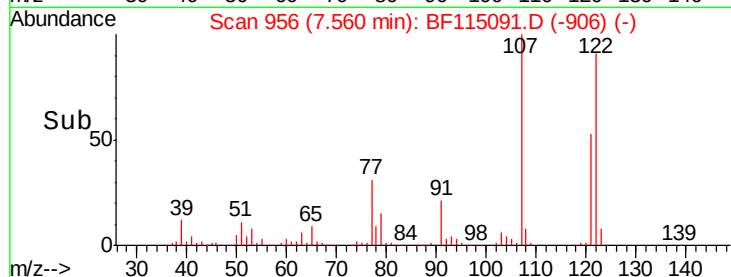
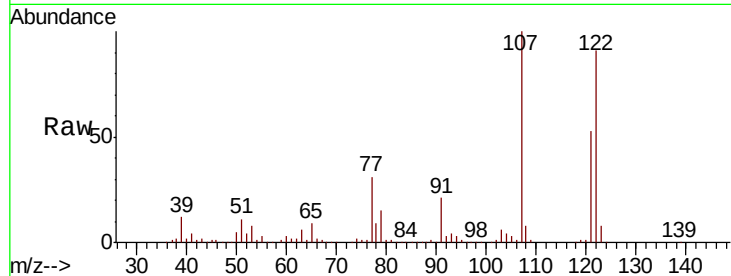
ClientSampleID :

PB120707BS

Tot Ion:	122	Resp:	767229
Ion Ratio	Lower	Upper	
122	100		
107	109.8	85.8	128.6
121	57.9	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 43.299 ng

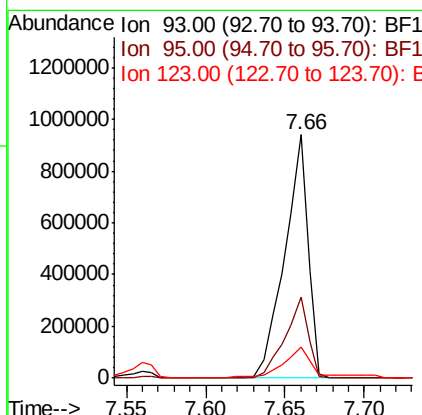
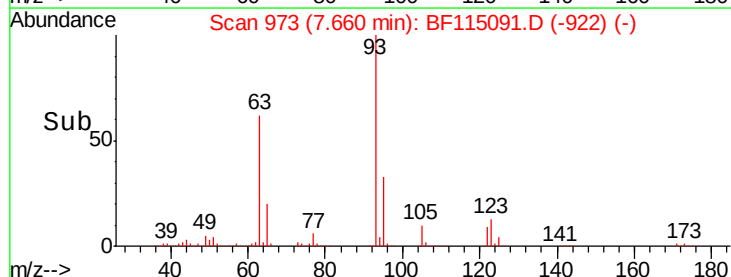
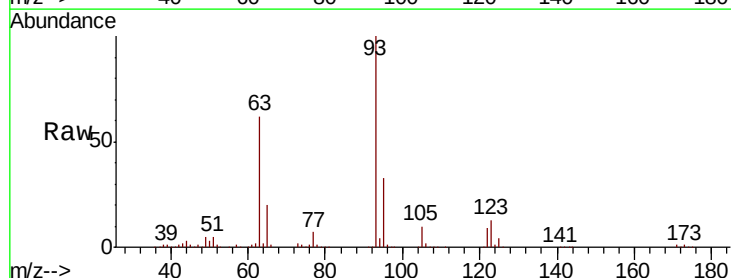
RT: 7.66 min Scan# 973

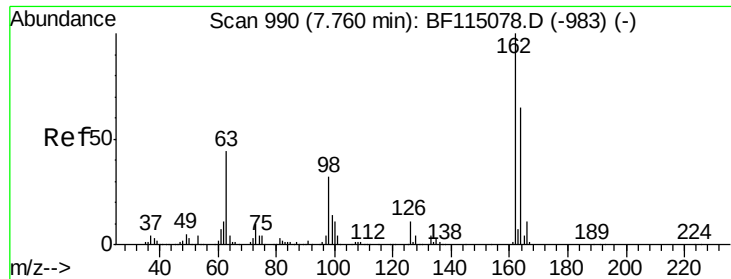
Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:	93	Resp:	965669
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.4
123	12.9	9.7	14.5





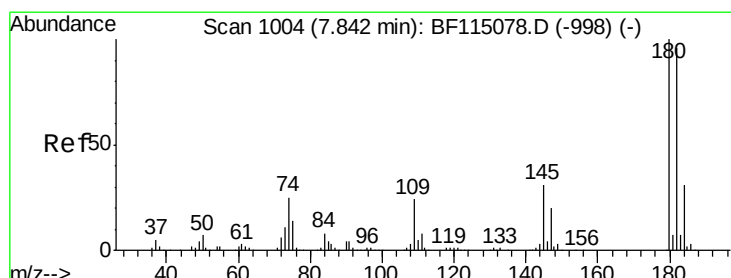
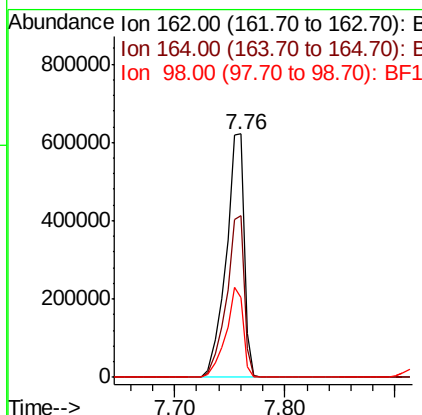
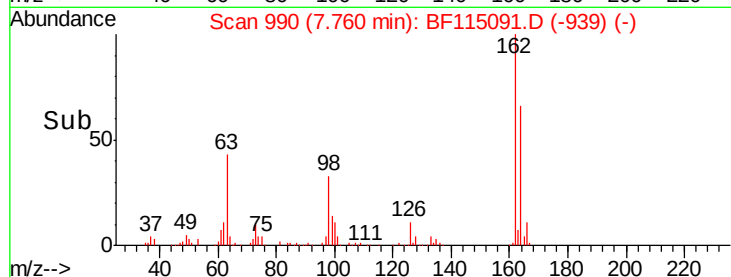
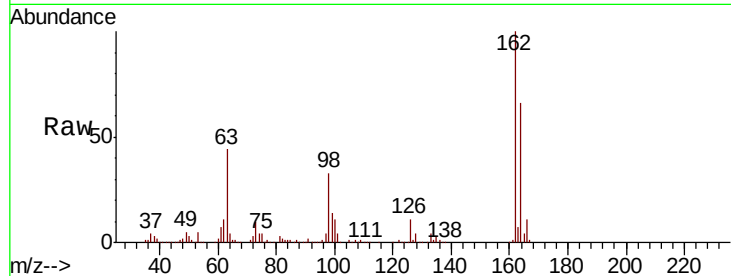
#29
2,4-Dichlorophenol
Concen: 45.272 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.2	45.3	85.3
98	32.8	12.5	52.5

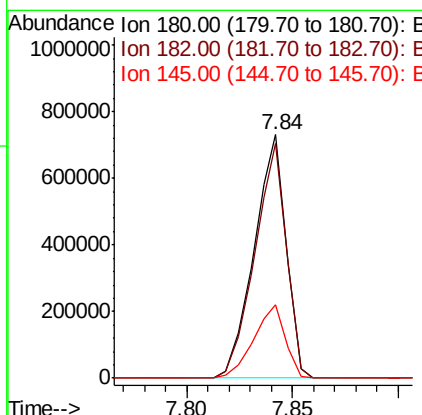
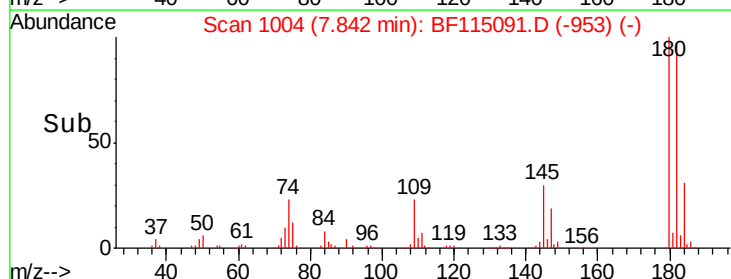
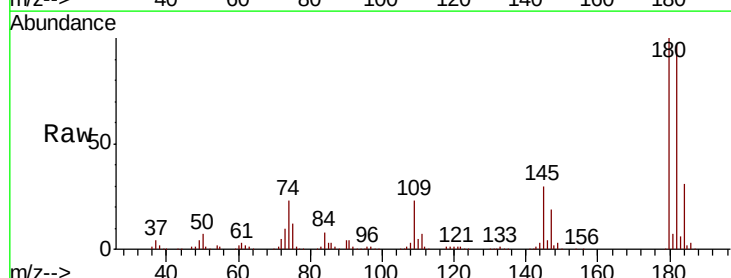
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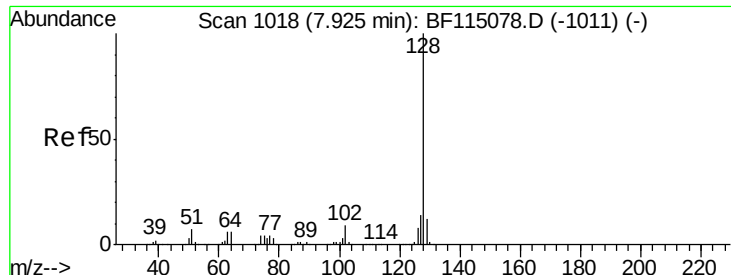
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#30
1,2,4-Trichlorobenzene
Concen: 43.738 ng
RT: 7.84 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	76.4	114.6
145	30.2	24.8	37.2





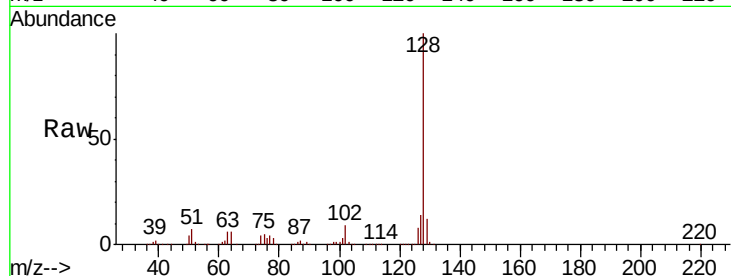
#31
Naphthalene
Concen: 43.924 ng
RT: 7.92 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.6	14.4
127	14.3	11.4	17.0

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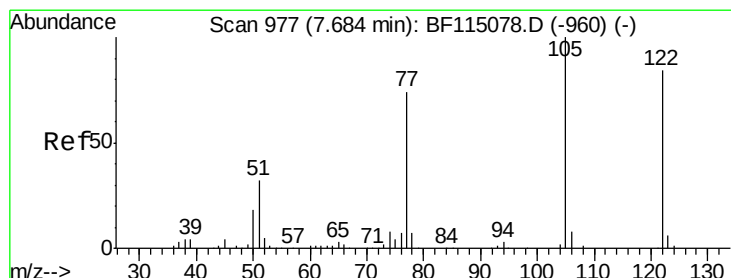
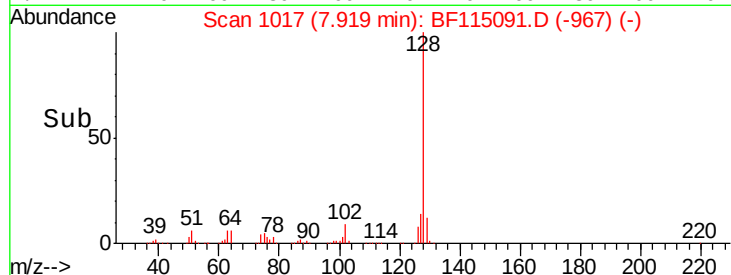
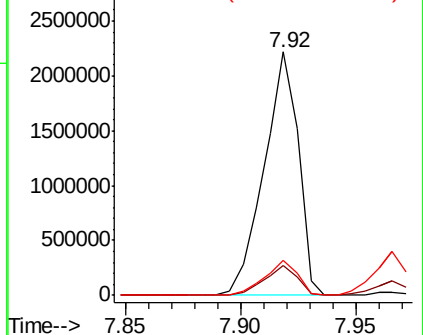


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 54.348 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

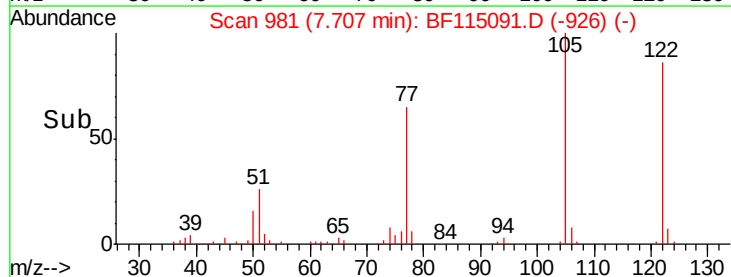
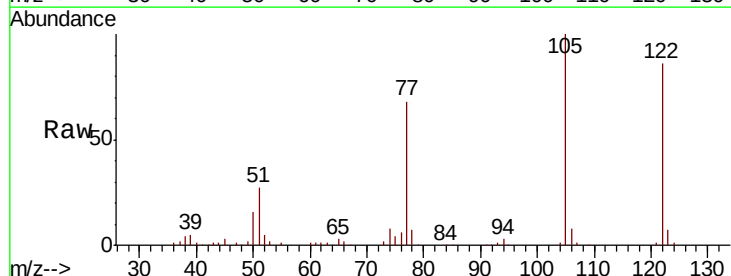
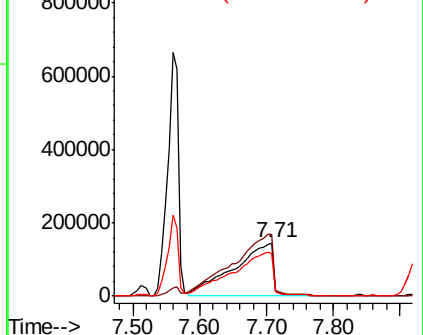
Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.8	98.2	138.2
77	79.7	67.0	107.0

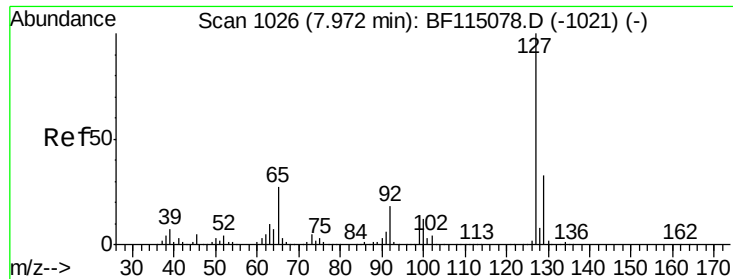
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





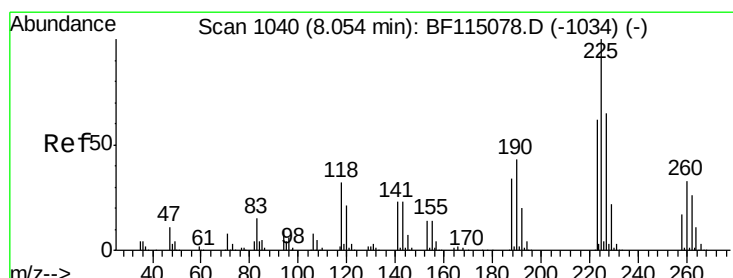
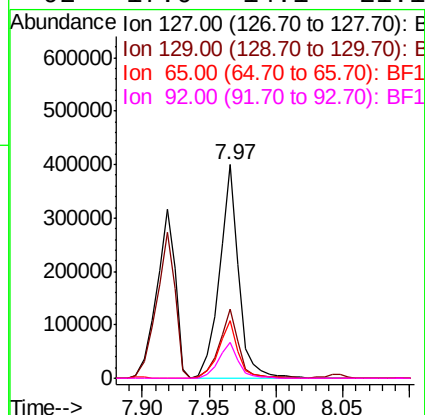
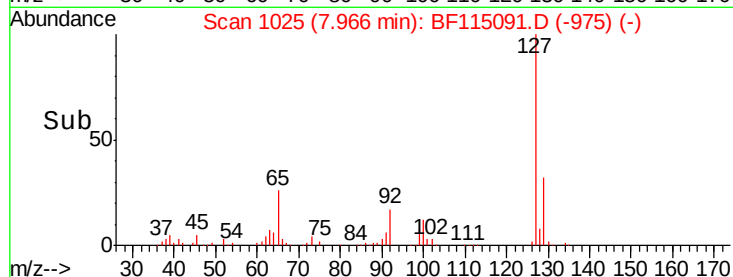
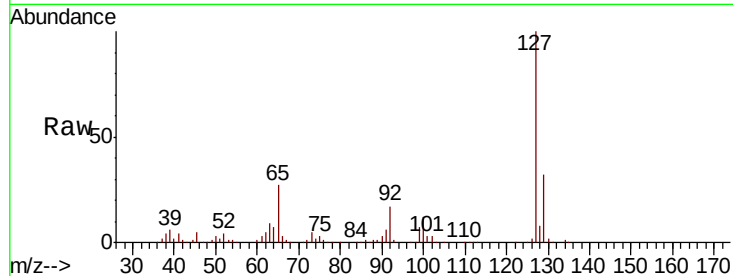
#33
4-Chloroaniline
Concen: 17.019 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.1	39.1		
65	27.2	21.4	32.2		
92	17.0	14.1	21.1		

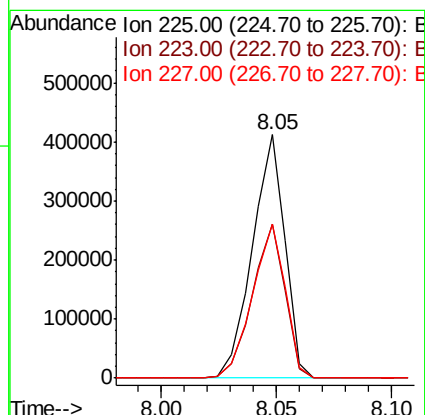
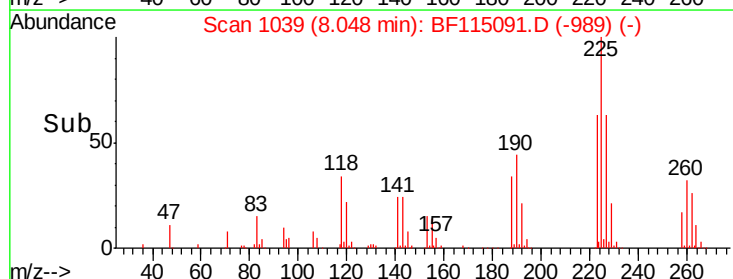
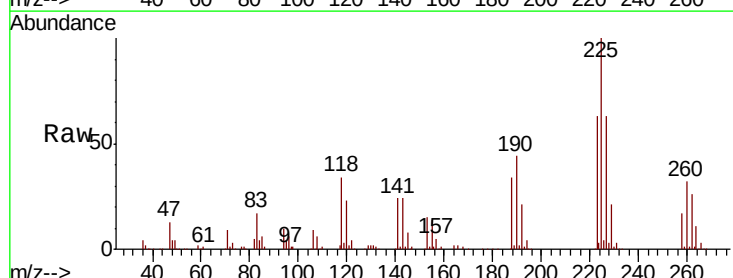
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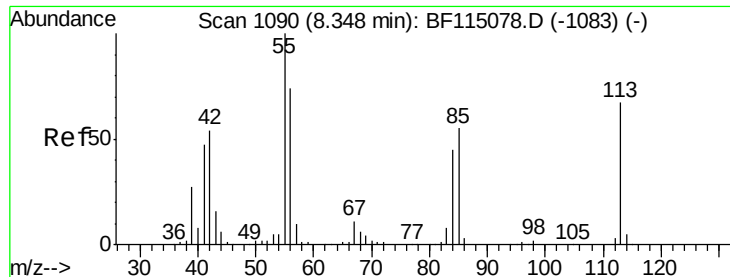
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#34
Hexachlorobutadiene
Concen: 42.330 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.4	74.2		
227	63.1	51.8	77.8		





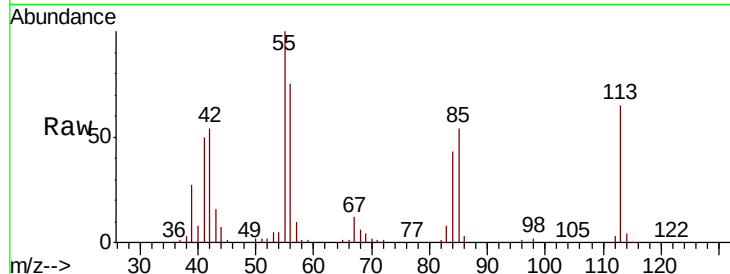
#35
Caprolactam
Concen: 45.009 ng/ml
RT: 8.35 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

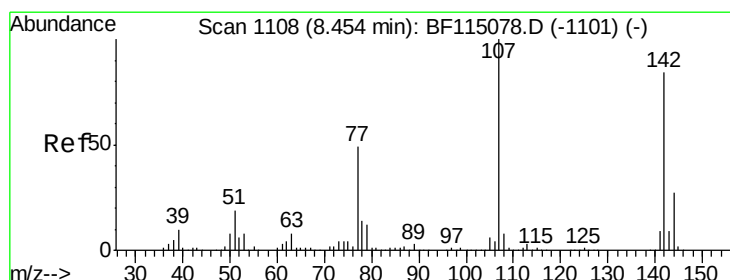
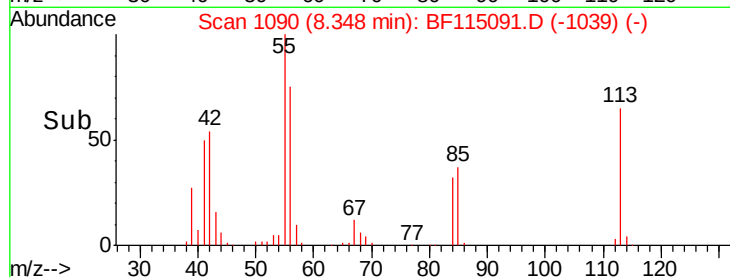
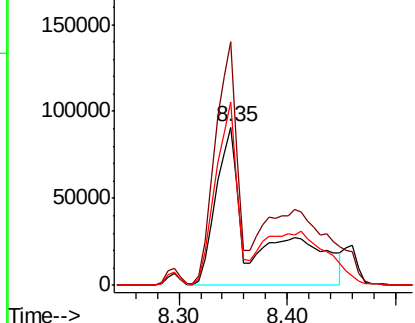
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	154.2	130.2	170.2		
56	116.3	91.6	131.6		

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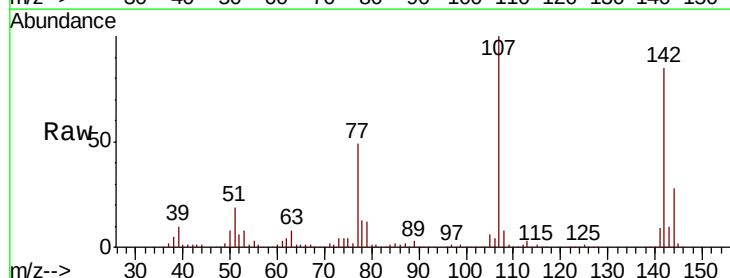


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

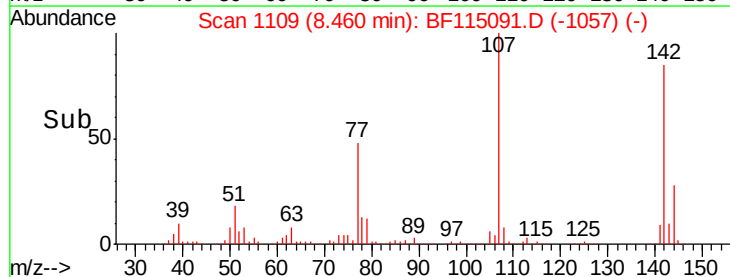
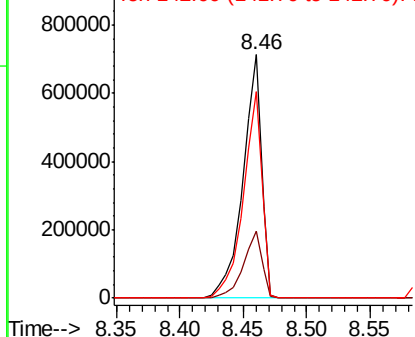


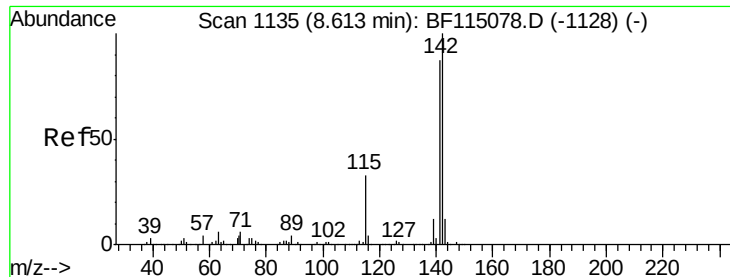
#36
4-Chloro-3-methylphenol
Concen: 45.163 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.6	21.7	32.5		
142	85.0	67.0	100.4		



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





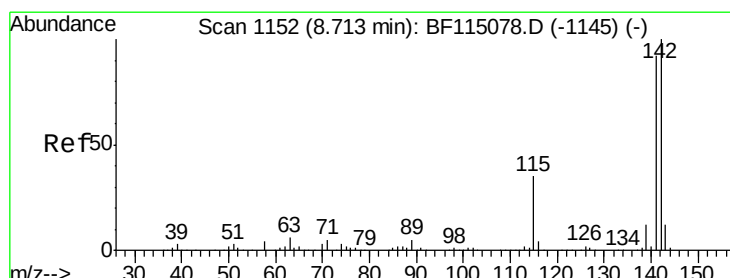
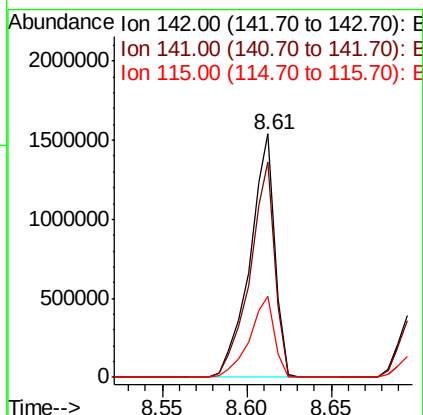
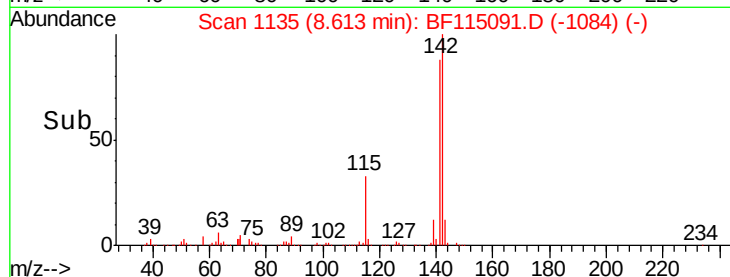
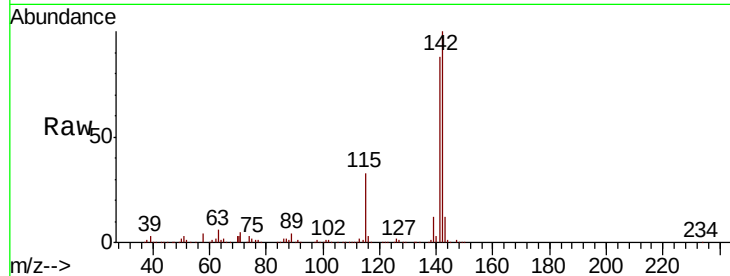
#37
2-Methylnaphthalene
Concen: 45.413 ng
RT: 8.61 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.6
115	33.5	26.7	40.1

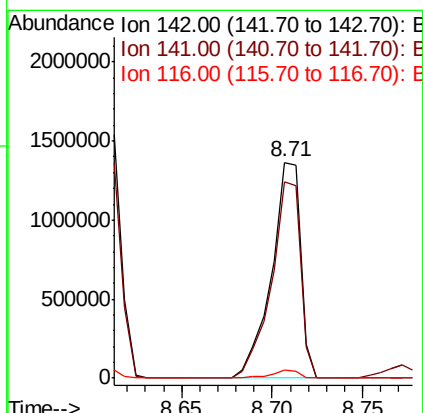
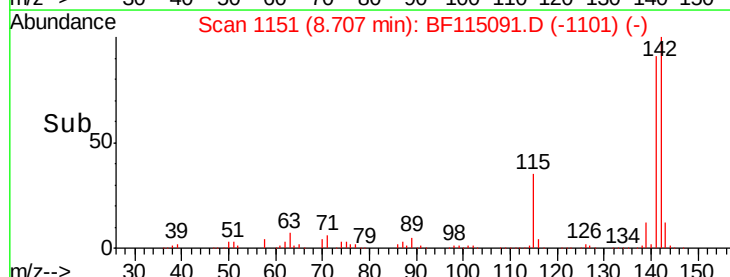
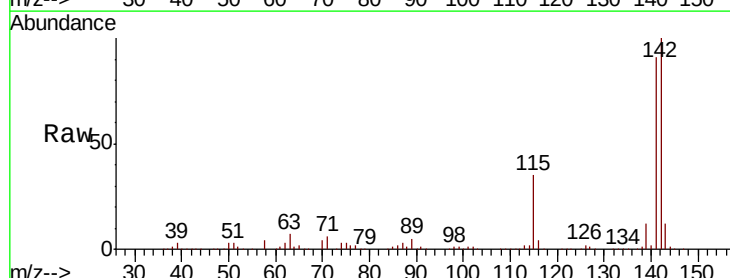
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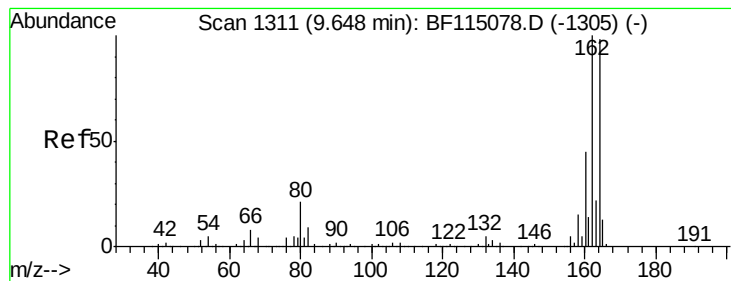
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#38
1-Methylnaphthalene
Concen: 45.433 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.8	110.8
116	3.8	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

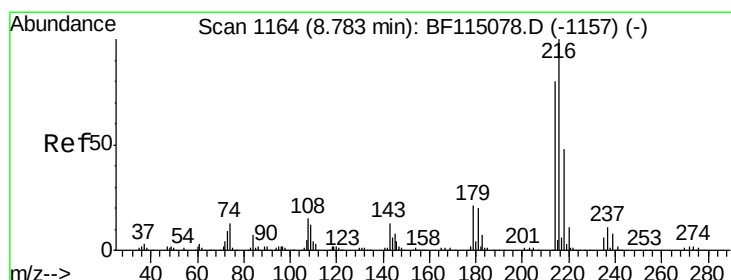
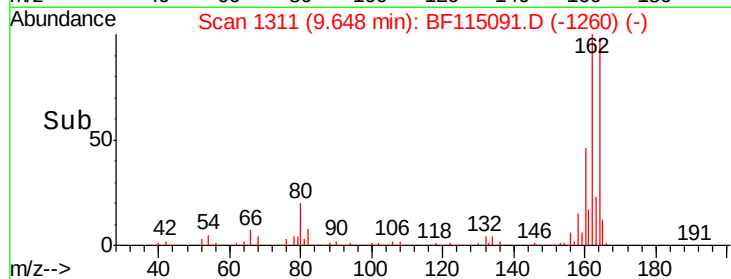
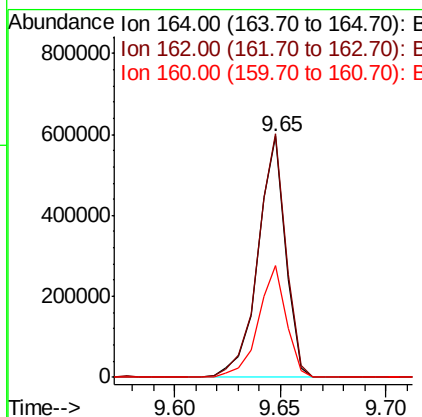
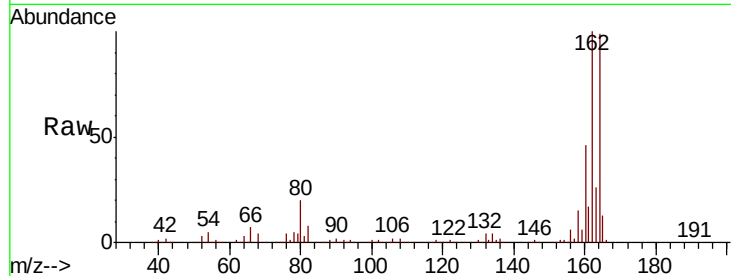
ClientSampleId :

PB120707BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	81.7	122.5	
160	46.3	37.0	55.4	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.201 ng

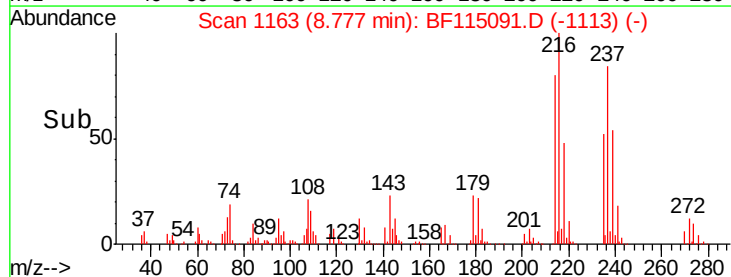
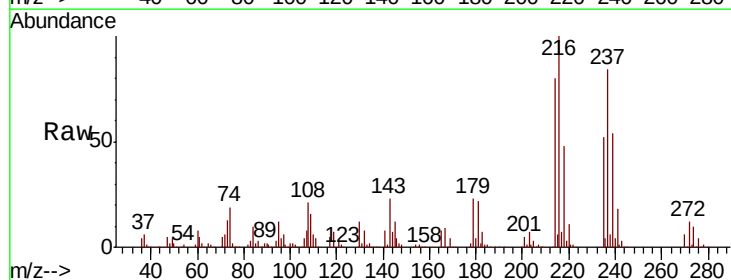
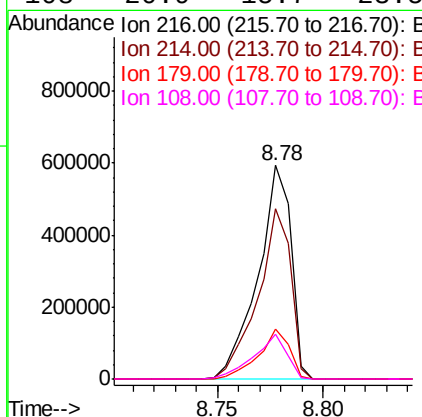
RT: 8.78 min Scan# 1163

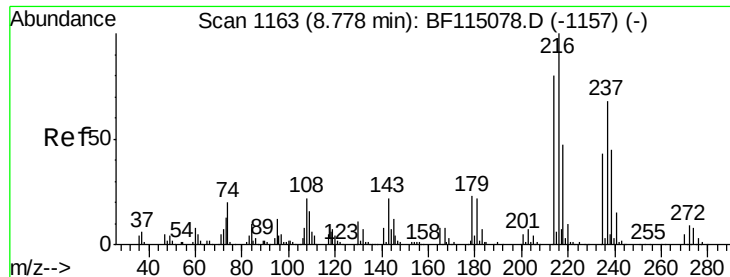
Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.8	95.6	
179	22.1	17.6	26.4	
108	20.9	15.7	23.5	





#41

Hexachlorocyclopentadiene

Concen: 78.939 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

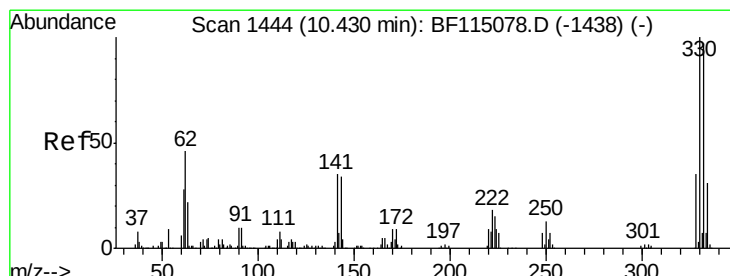
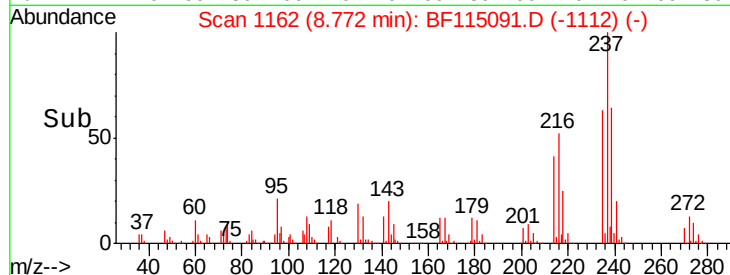
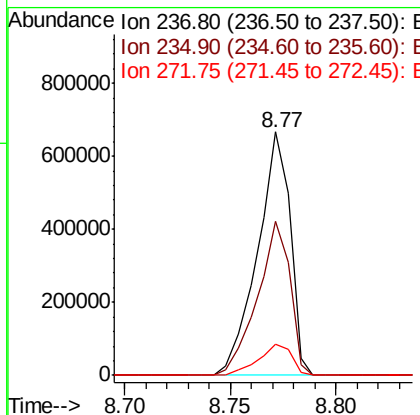
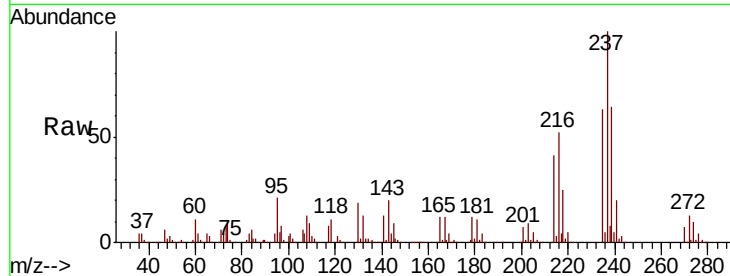
ClientSampleId :

PB120707BS

Tot Ion:	237	Resp:	716675
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.9	83.9
272	12.8	0.0	33.8

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 127.898 ng

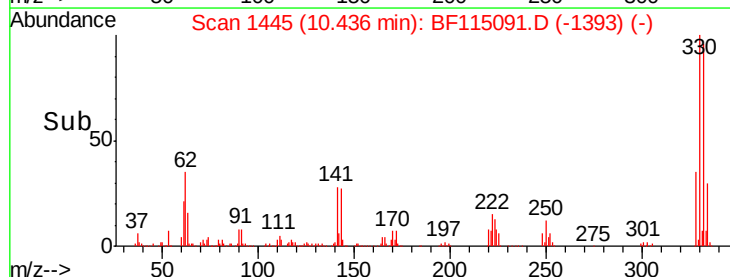
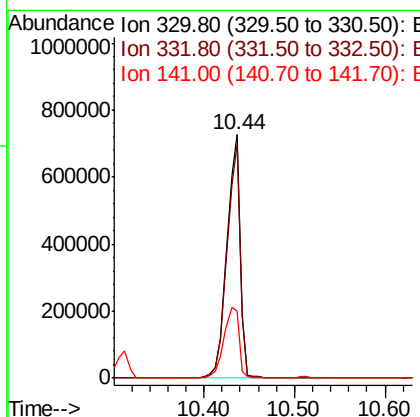
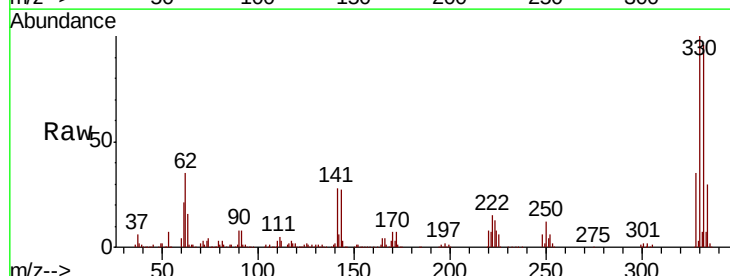
RT: 10.44 min Scan# 1445

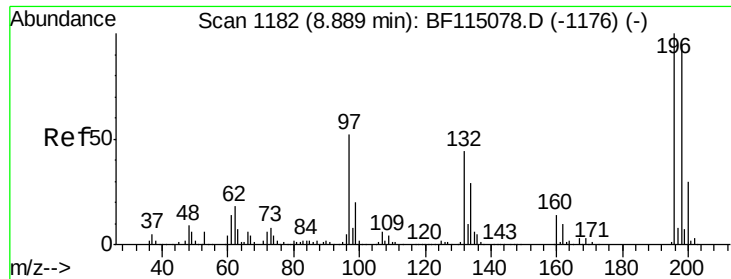
Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:	330	Resp:	730768
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.3	115.9
141	33.2	28.2	42.2





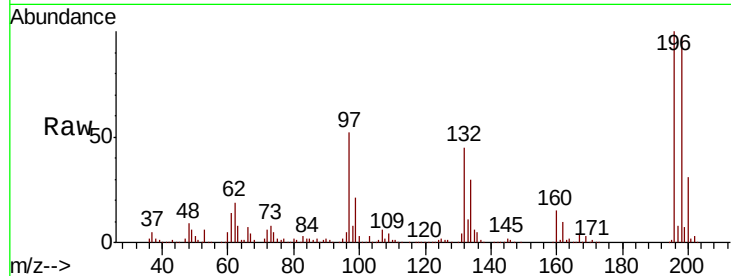
#43
 2,4,6-Trichlorophenol
 Concen: 45.505 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

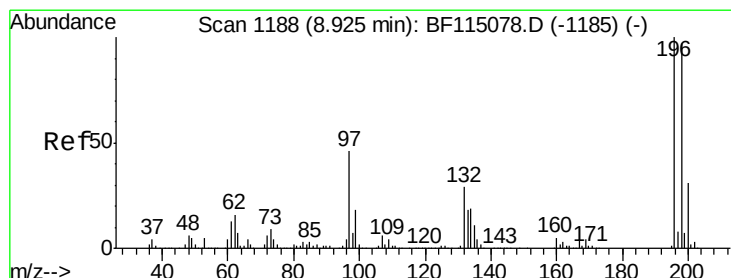
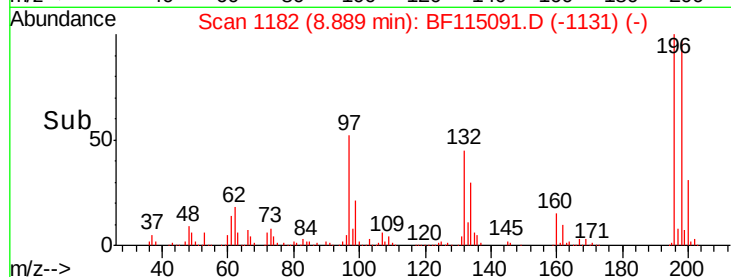
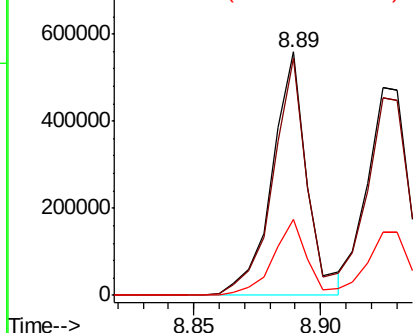
Tot Ion:	196	Resp:	537900
Ion Ratio	Lower	Upper	
196	100		
198	97.2	76.3	114.5
200	31.4	24.2	36.4

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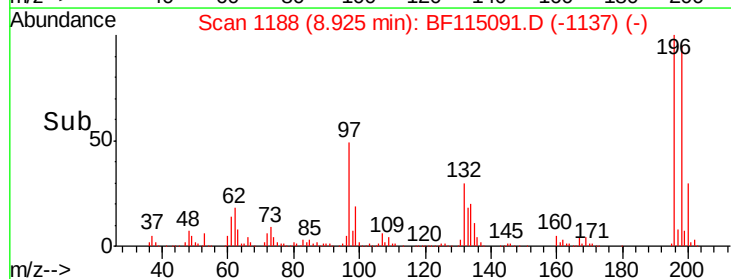
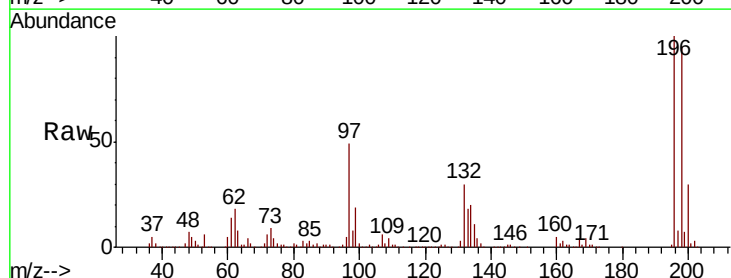
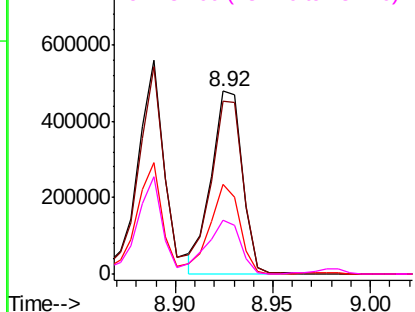
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

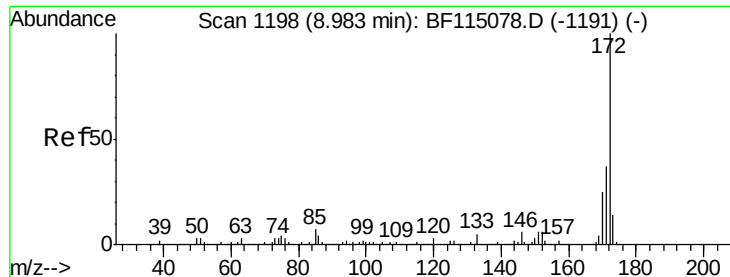


#44
 2,4,5-Trichlorophenol
 Concen: 43.538 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:	196	Resp:	529989
Ion Ratio	Lower	Upper	
196	100		
198	94.7	77.1	115.7
97	48.8	37.7	56.5
132	29.7	23.1	34.7

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





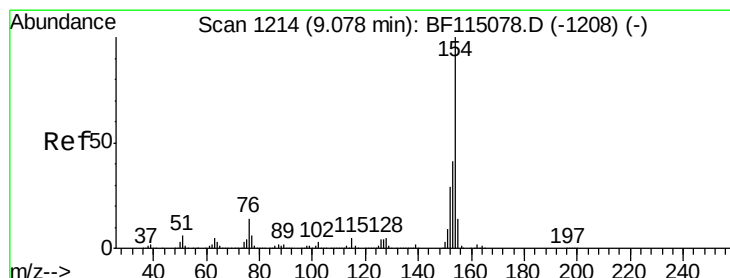
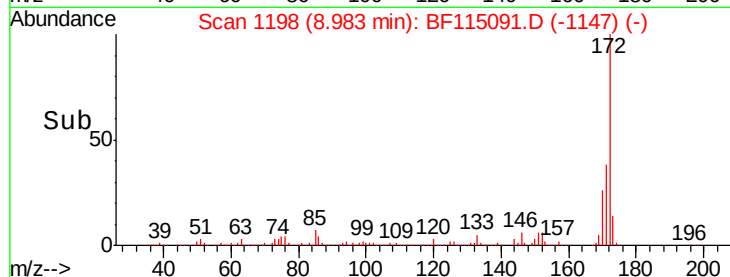
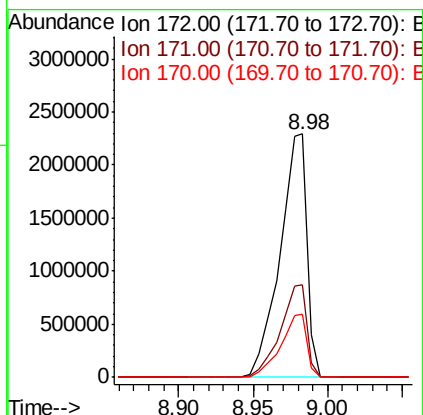
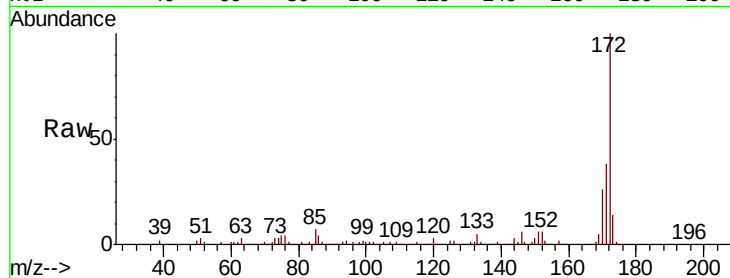
#45
2-Fluorobiphenyl
Concen: 91.604 ng
RT: 8.98 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.8	44.6
170	25.9	20.3	30.5

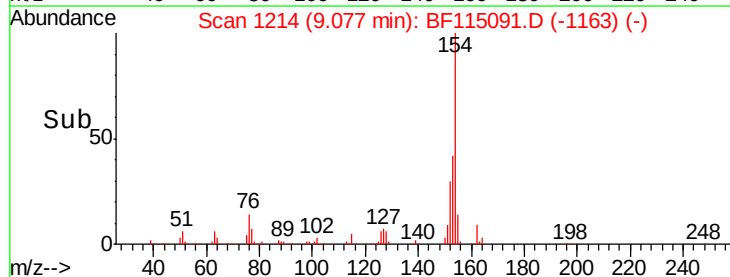
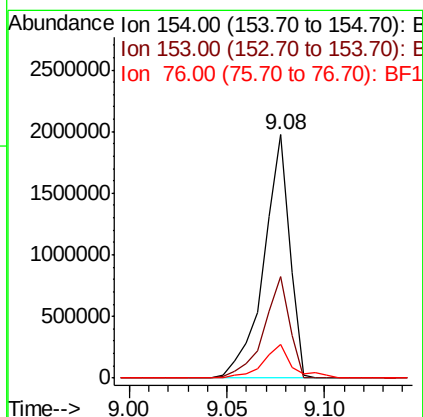
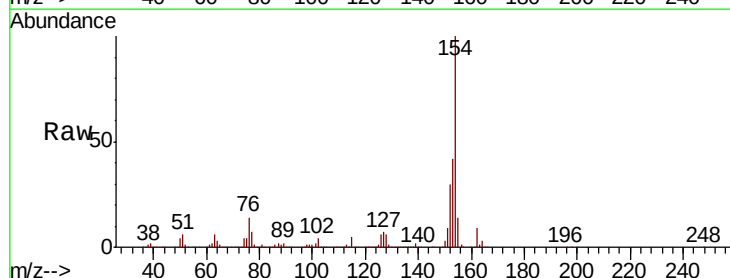
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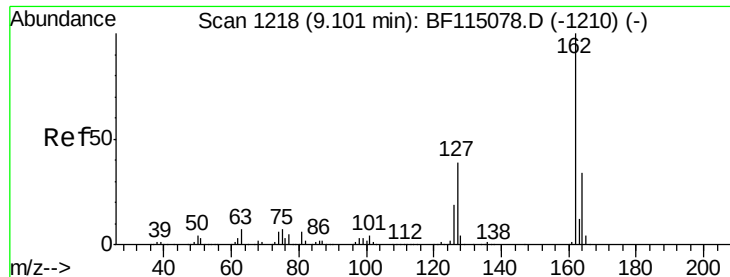
mohammad
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#46
1,1'-Biphenyl
Concen: 41.924 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.9	60.9
76	13.8	0.0	34.1





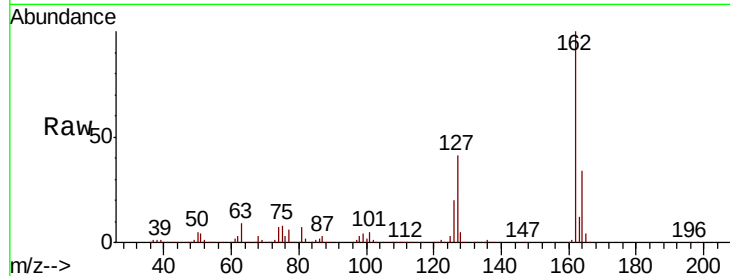
#47
 2-Chloronaphthalene
 Concen: 42.289 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

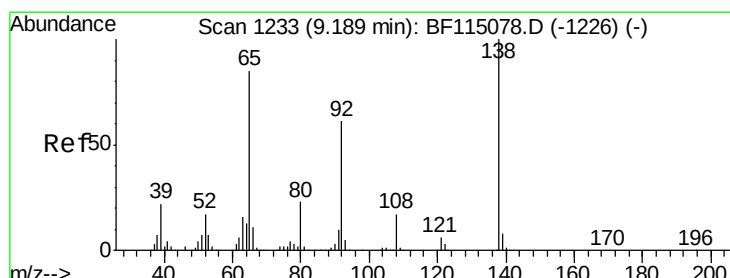
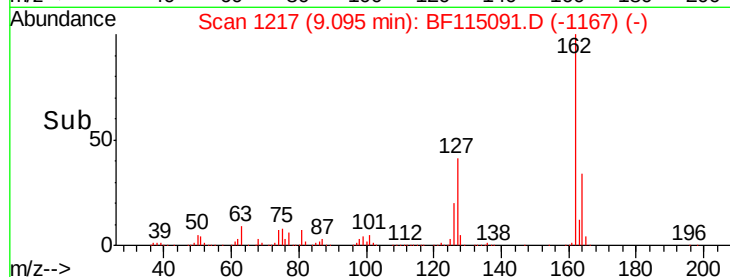
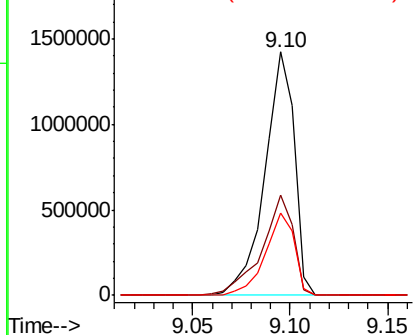
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	30.8	46.2
164	33.7	27.0	40.4

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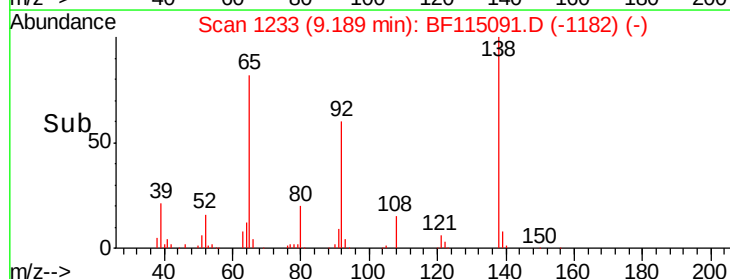
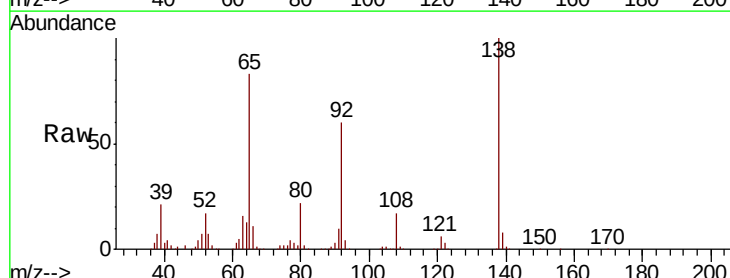
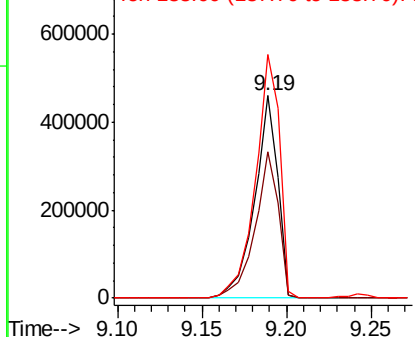
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

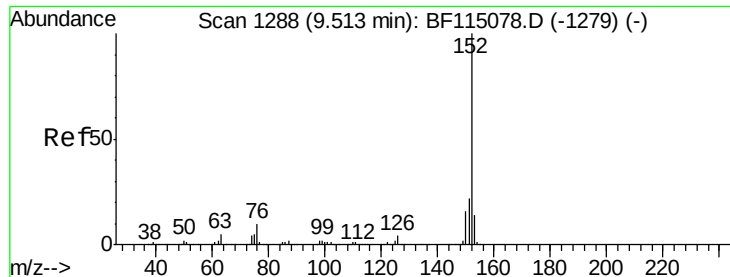


#48
 2-Nitroaniline
 Concen: 43.028 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	57.4	86.2
138	120.4	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: 41.877 ng

RT: 9.51 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

Tot Ion:152 Resp: 2294446

Ion Ratio Lower Upper

152 100

151 21.9 17.2 25.8

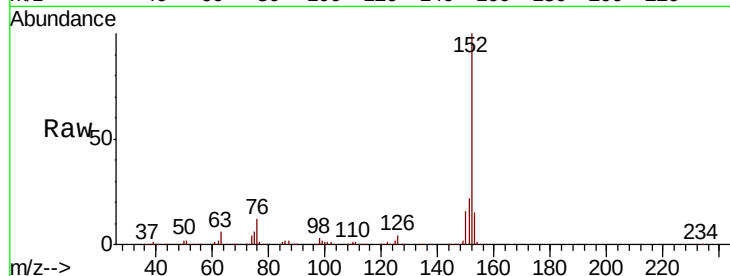
153 14.7 11.0 16.6

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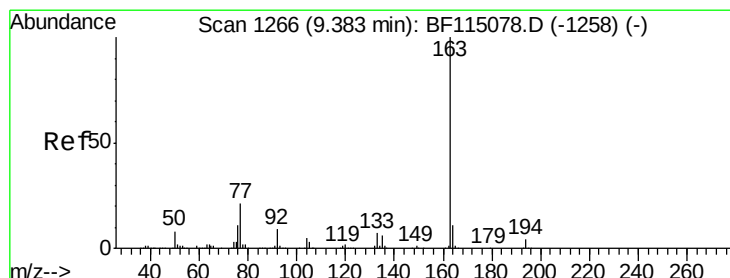
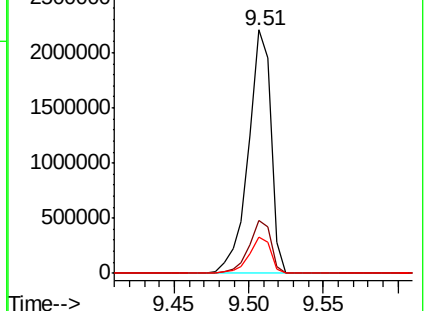
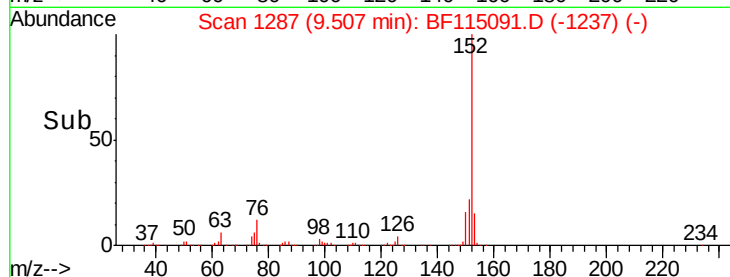
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.395 ng

RT: 9.39 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

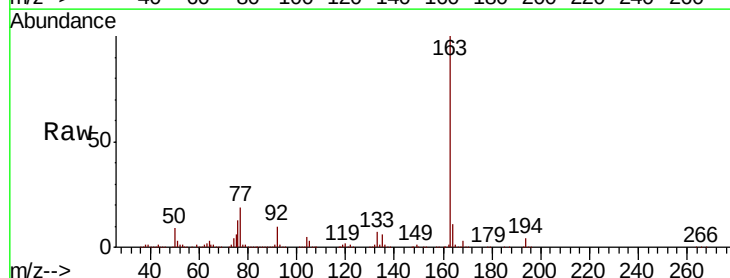
Tgt Ion:163 Resp: 1689970

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

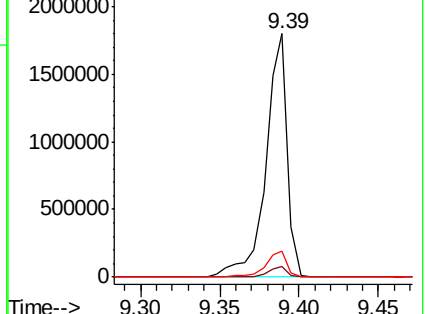
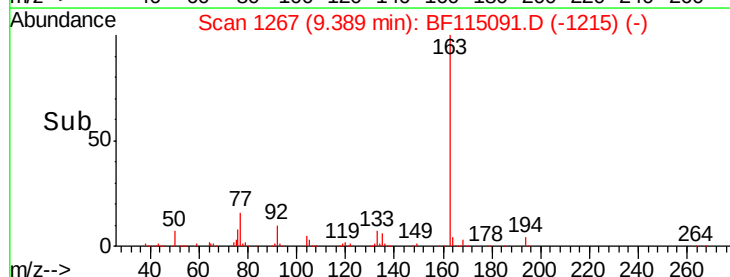
164 10.7 8.6 13.0

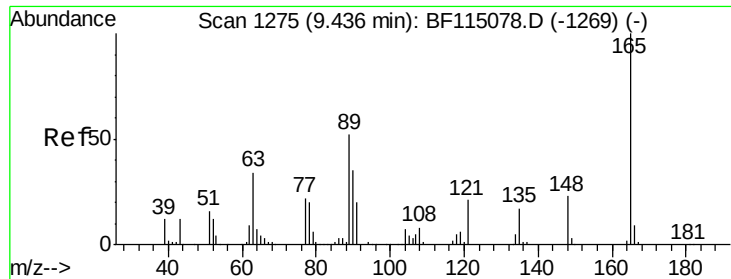


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





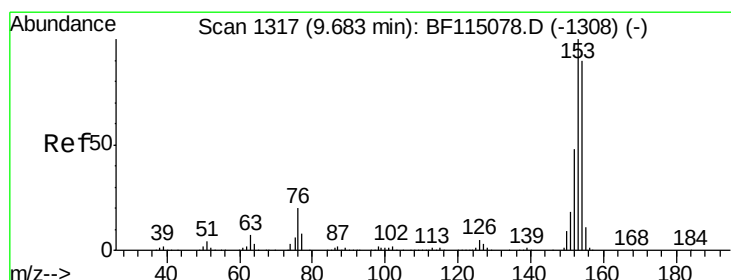
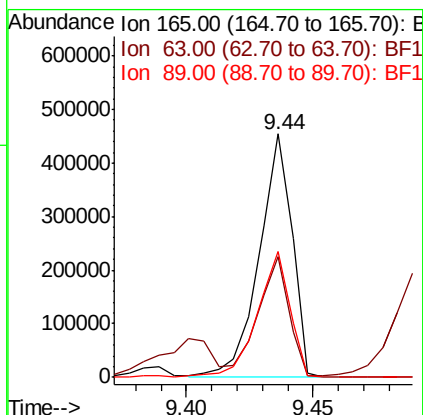
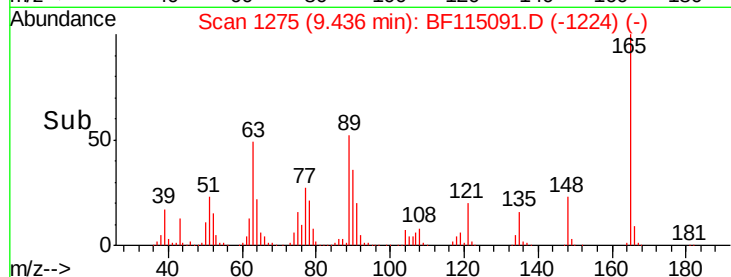
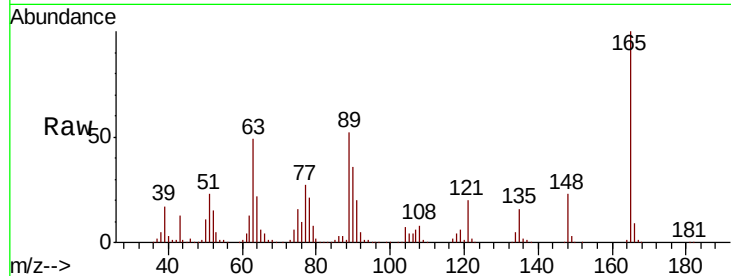
#51
 2,6-Dinitrotoluene
 Concen: 44.929 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	413490		
63	49.4	39.4	59.2	
89	51.8	42.0	63.0	

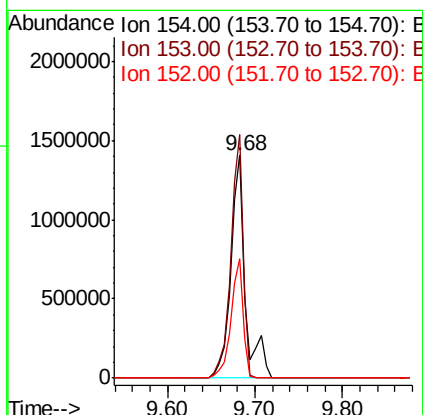
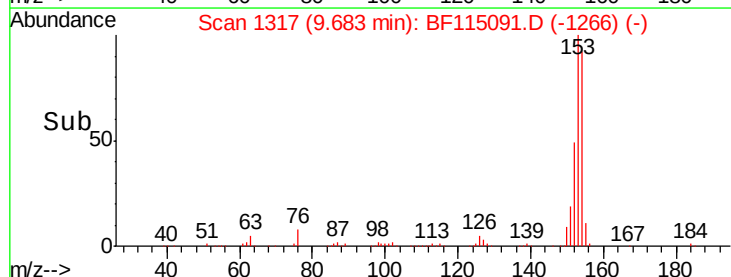
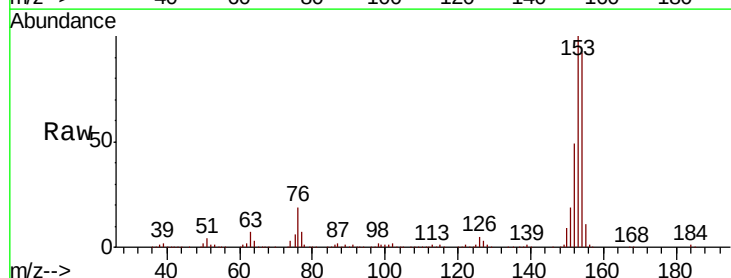
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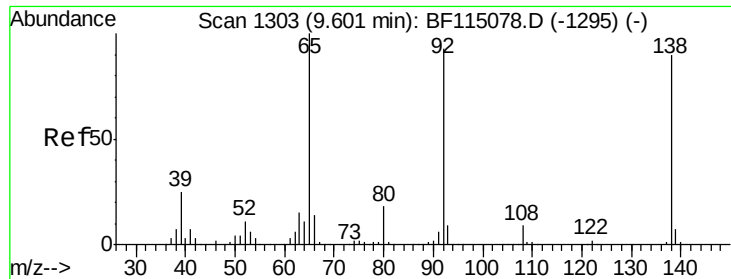
mohammad
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#52
 Acenaphthene
 Concen: 46.866 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1606799		
153	109.2	88.7	133.1	
152	53.3	42.6	64.0	





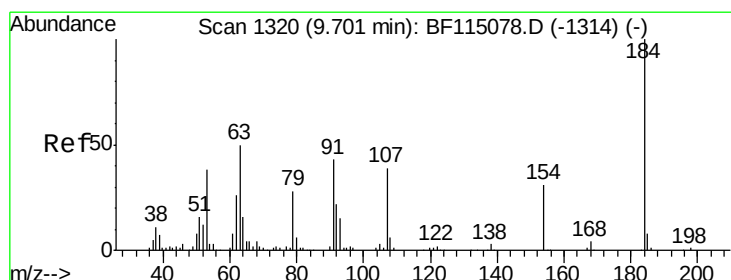
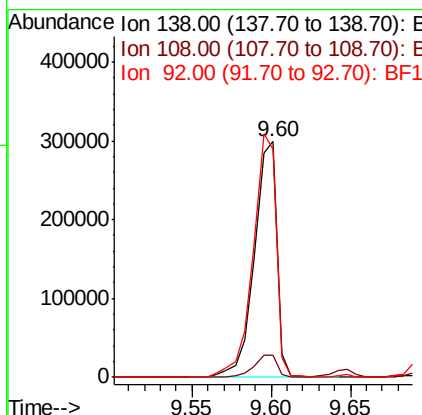
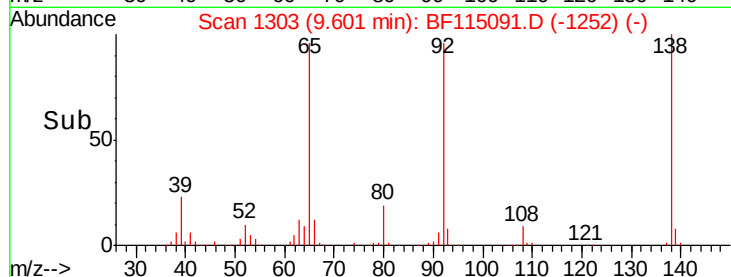
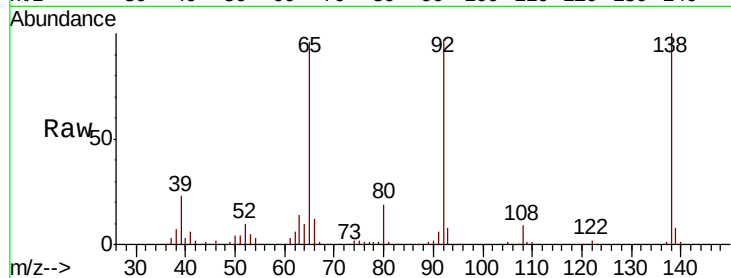
#53
3-Nitroaniline
Concen: 26.384 ng
RT: 9.60 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.8	11.6
92	96.8	82.9	124.3

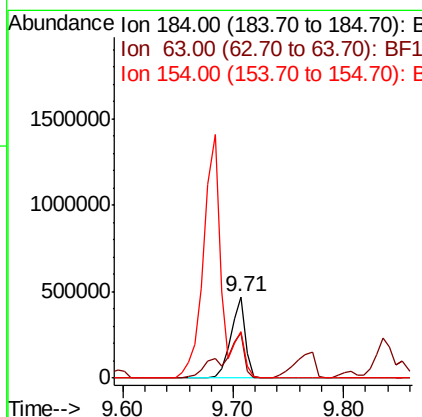
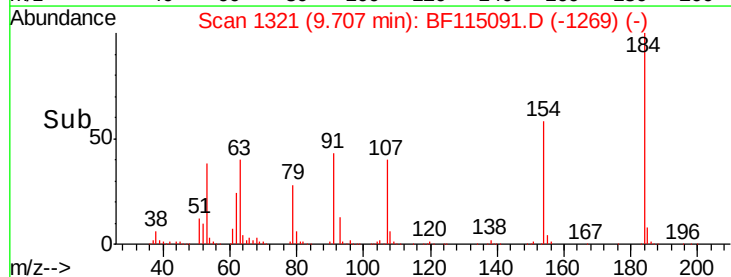
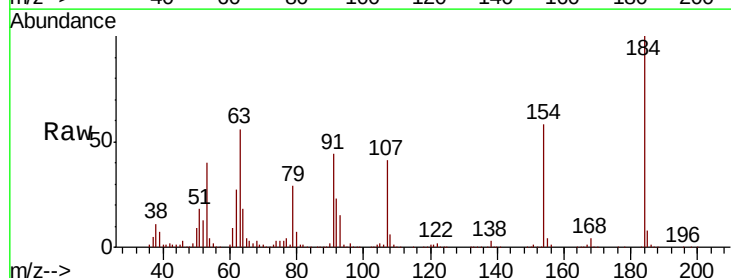
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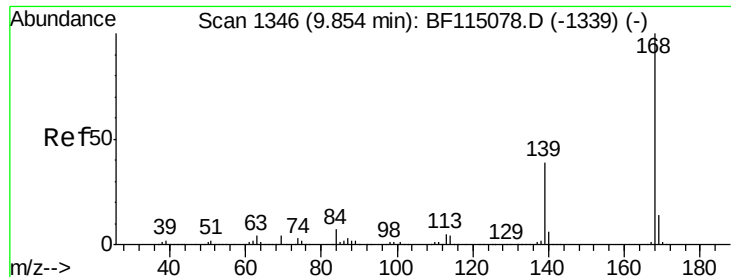
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#54
2,4-Dinitrophenol
Concen: 90.736 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	41.9	62.9
154	57.6	44.7	67.1





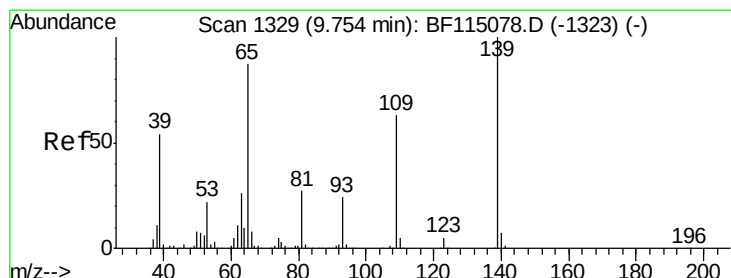
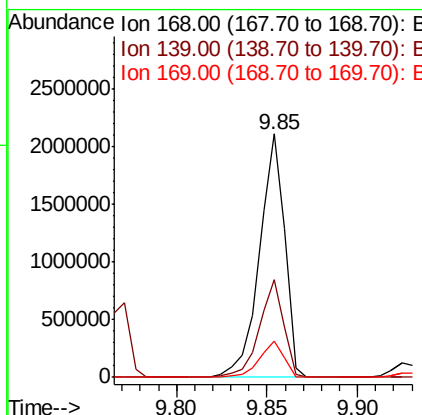
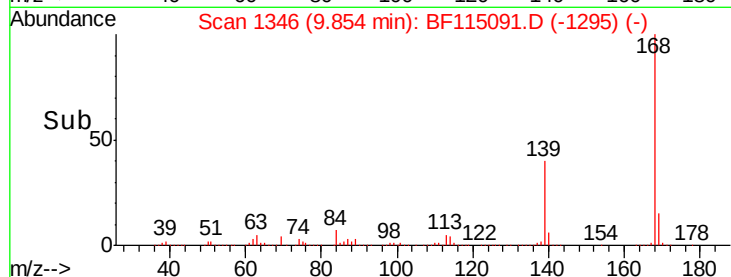
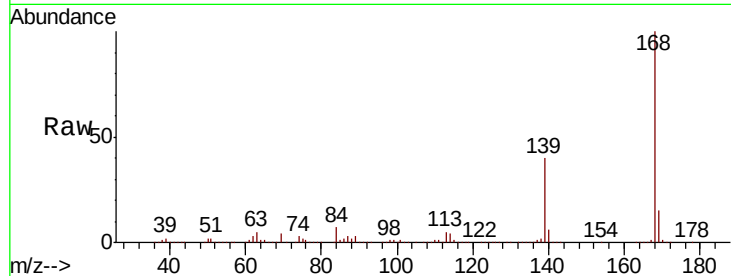
#55
Dibenzofuran
Concen: 41.310 ng
RT: 9.85 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampled :
PB120707BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.1	46.7
169	14.8	11.3	16.9

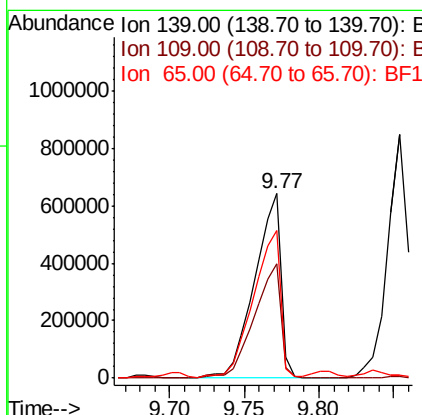
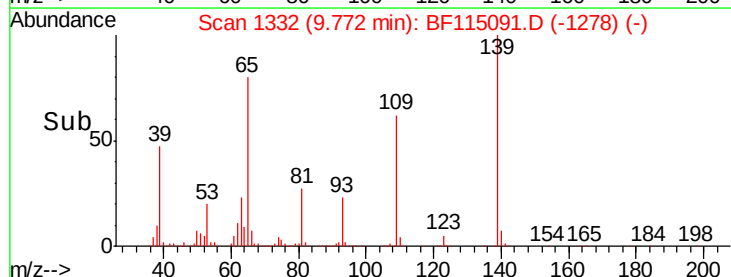
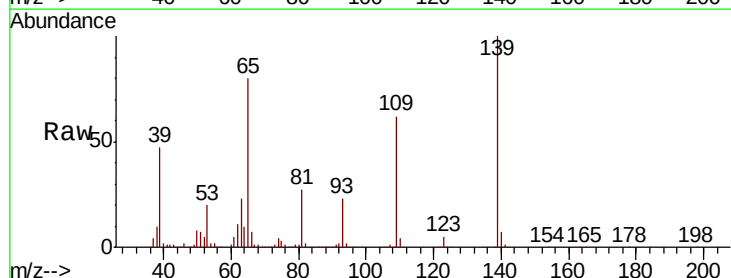
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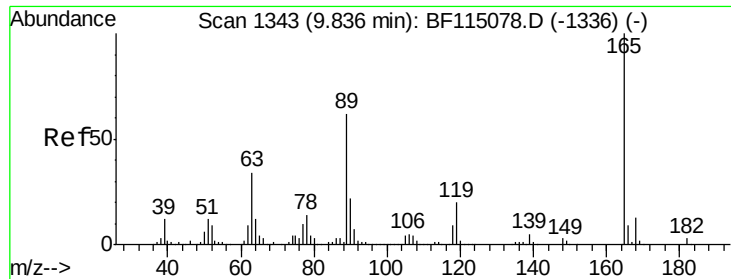
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#56
4-Nitrophenol
Concen: 85.950 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	43.0	83.0
65	80.2	67.0	107.0





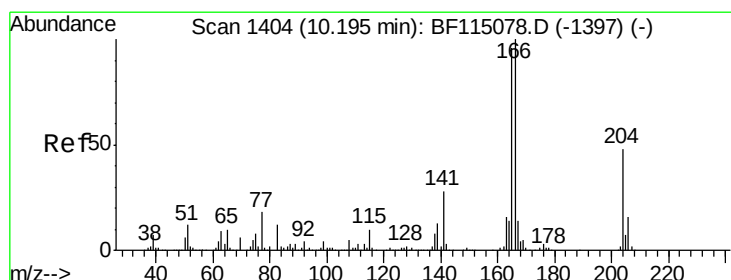
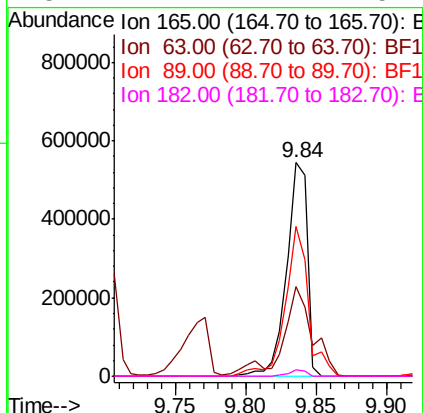
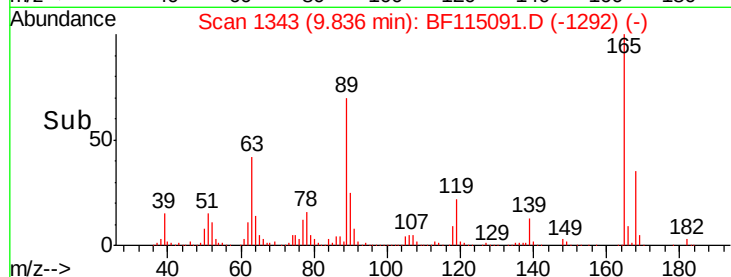
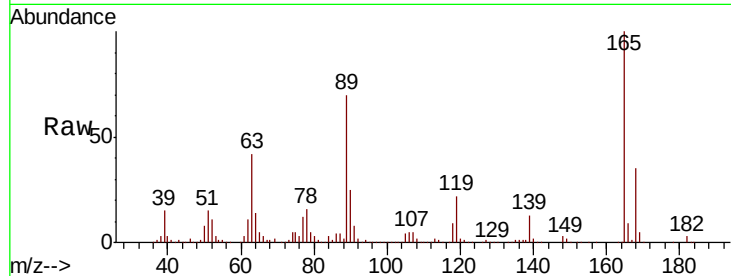
#57
 2,4-Dinitrotoluene
 Concen: 46.890 ng
 RT: 9.84 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		557195		
63	41.9	27.5	41.3#		
89	70.4	49.9	74.9		
182	2.7	2.1	3.1		

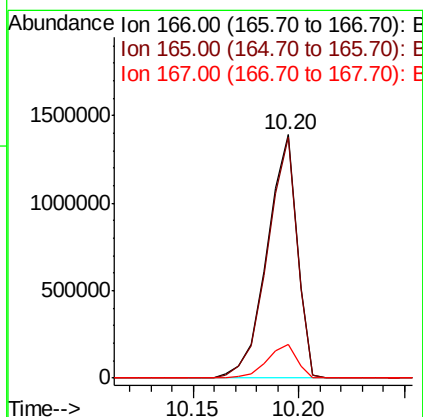
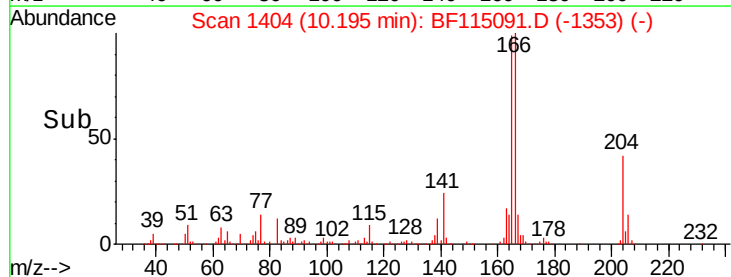
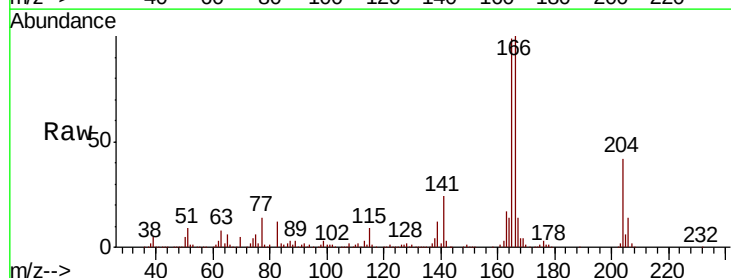
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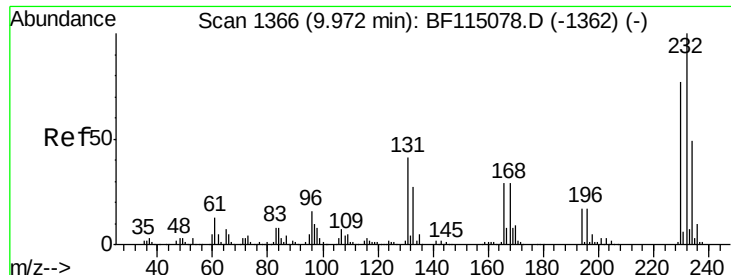
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#58
 Fluorene
 Concen: 41.499 ng
 RT: 10.20 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1376404		
165	98.9	76.5	114.7		
167	13.8	11.0	16.4		





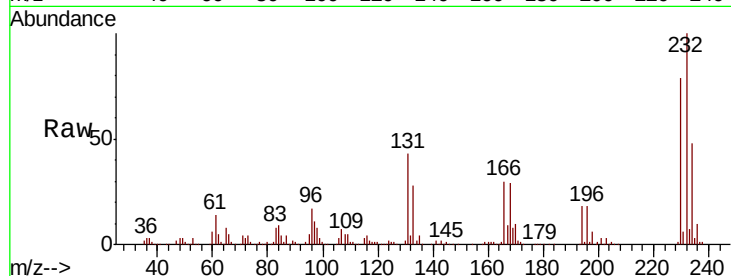
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.521 ng
 RT: 9.97 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

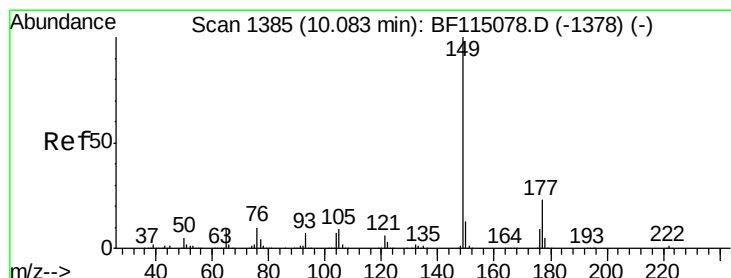
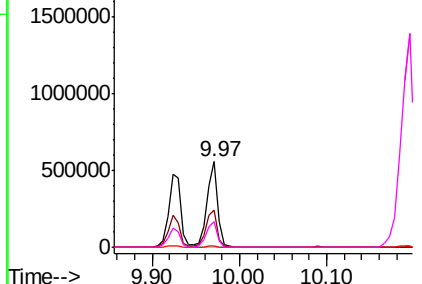
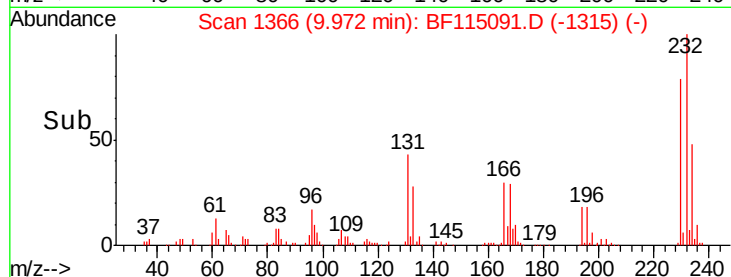
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	37.4	56.0
130	2.2	1.8	2.6
166	30.4	24.6	36.8

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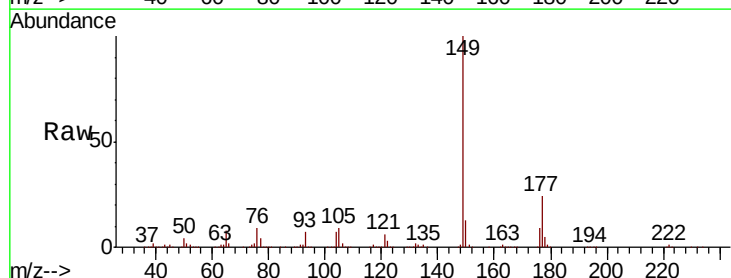


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

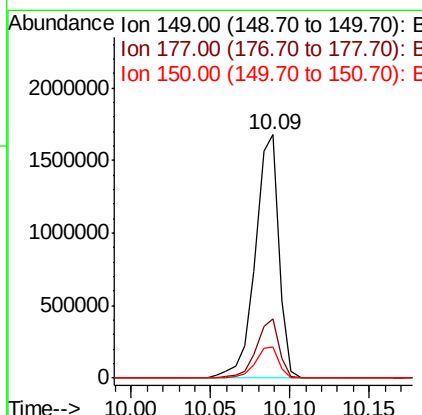
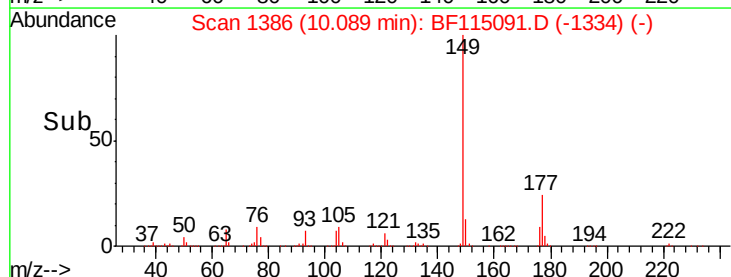


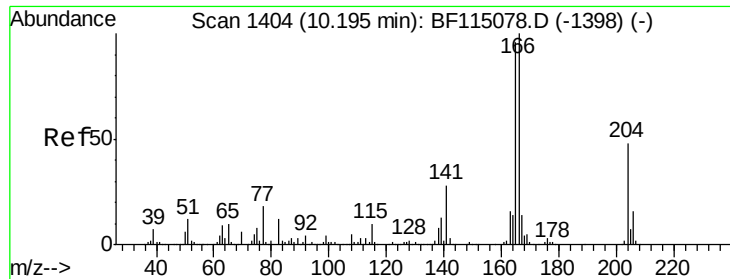
#60
 Diethylphthalate
 Concen: 43.461 ng
 RT: 10.09 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.7	28.1
150	13.0	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





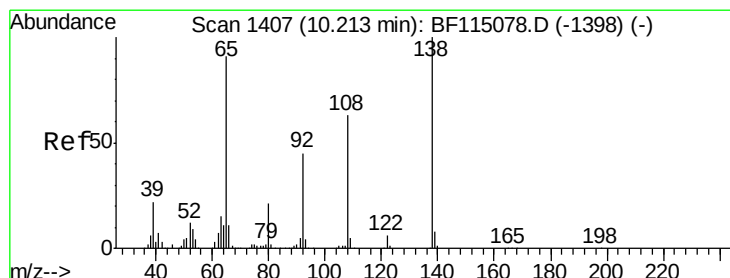
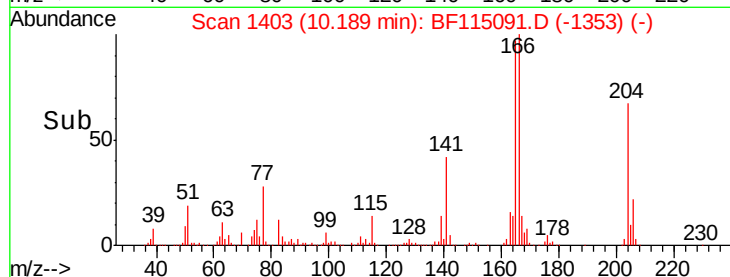
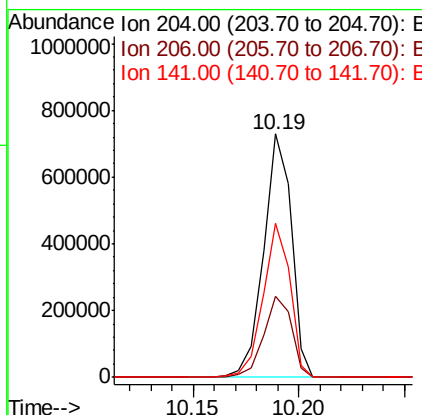
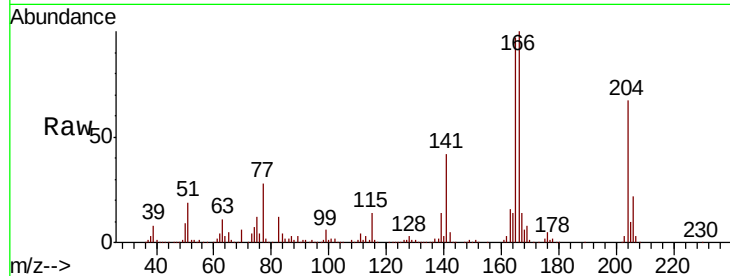
#61
4-Chlorophenyl-phenylether
Concen: 42.675 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleID :
PB120707BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	40.0
141	63.1	46.7	70.1

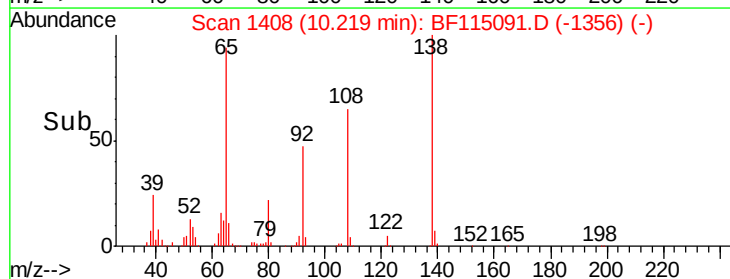
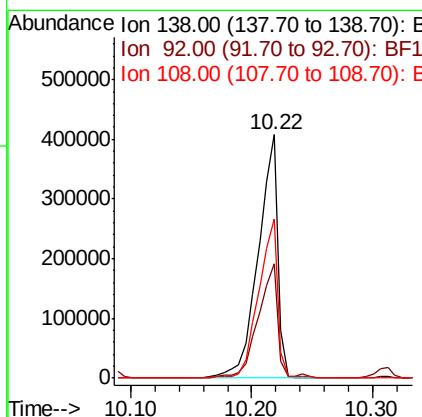
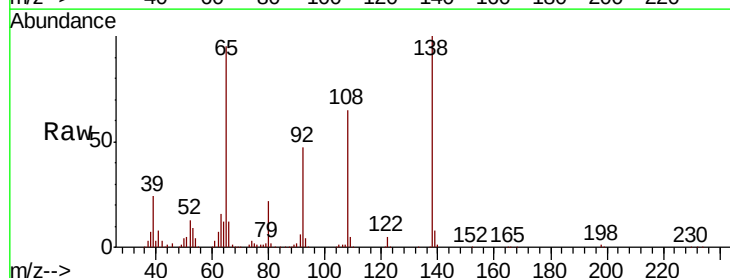
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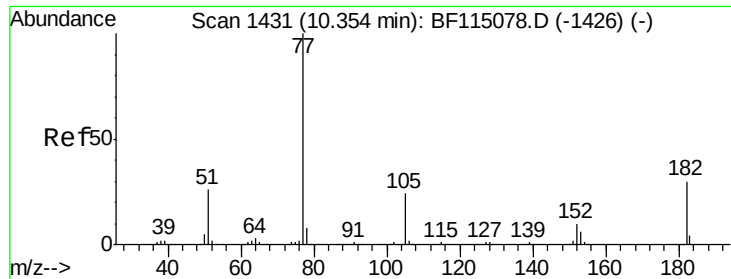
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#62
4-Nitroaniline
Concen: 40.950 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	24.8	64.8
108	65.2	43.3	83.3





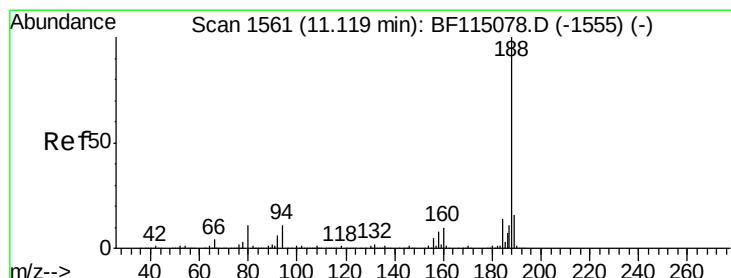
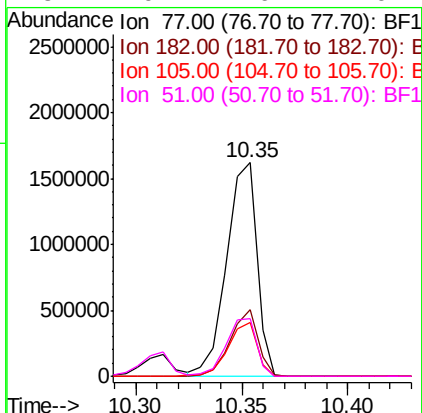
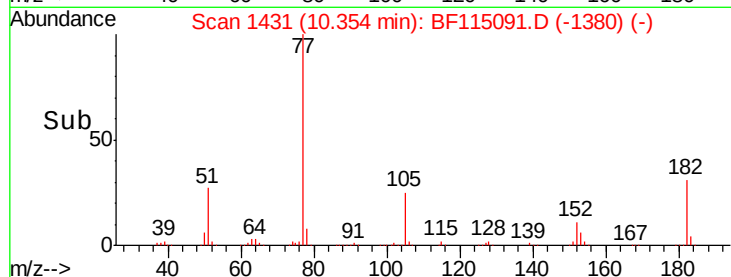
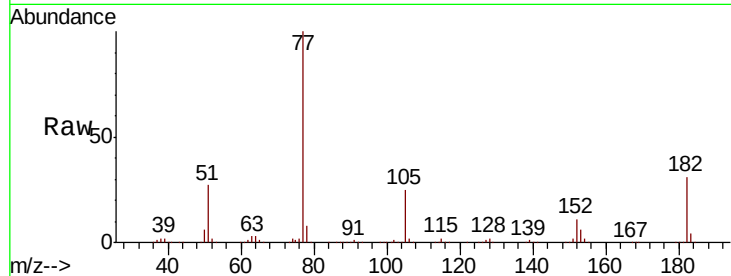
#63
Azobenzene
Concen: 42.879 ng
RT: 10.35 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.9	10.1	50.1
105	25.0	4.5	44.5
51	26.7	6.4	46.4

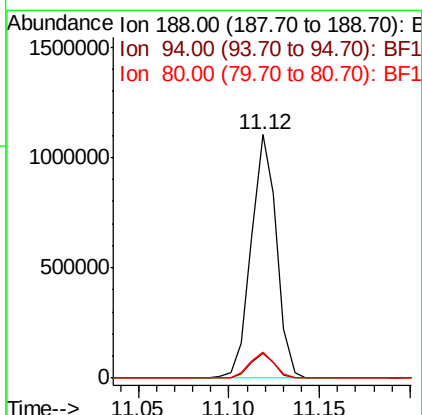
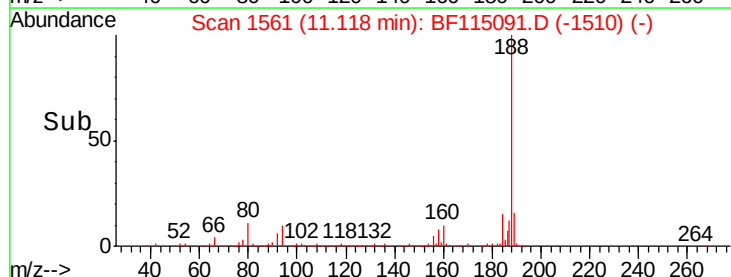
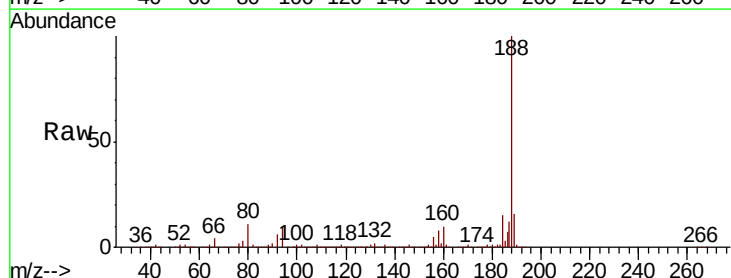
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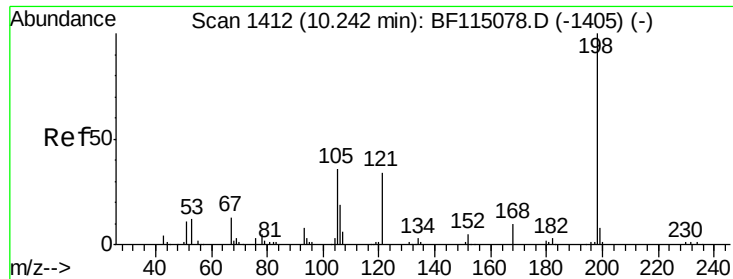
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.6	12.8
80	10.9	8.8	13.2





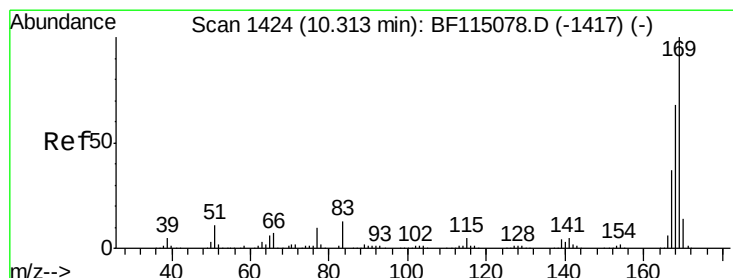
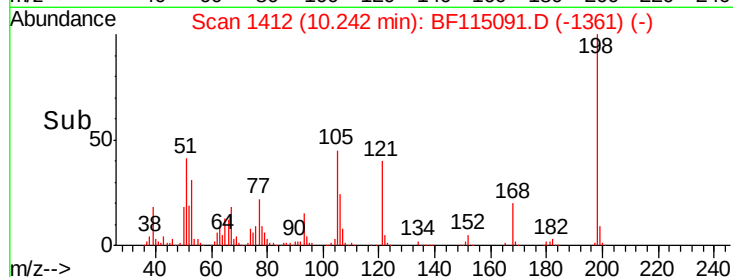
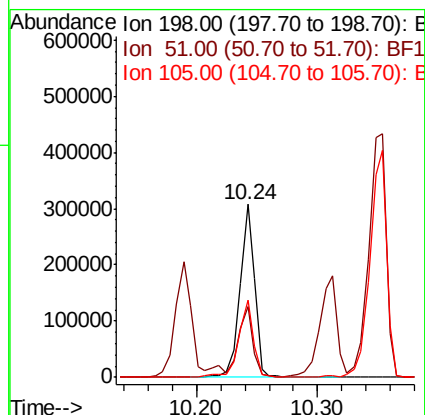
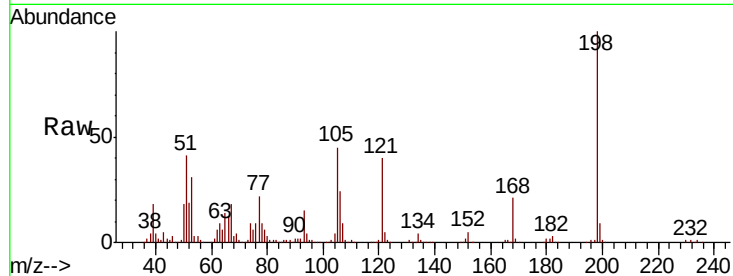
#65
4,6-Dinitro-2-methylphenol
Concen: 46.351 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	261107		
51	41.3		11.0	51.0
105	44.7		17.3	57.3

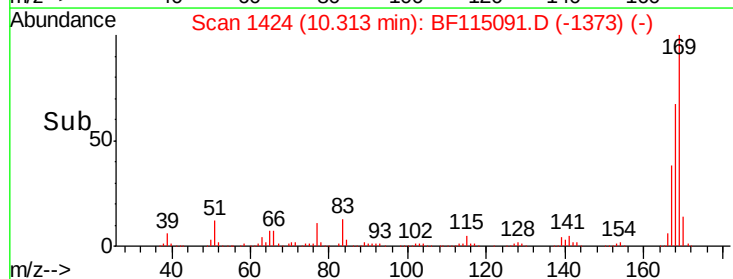
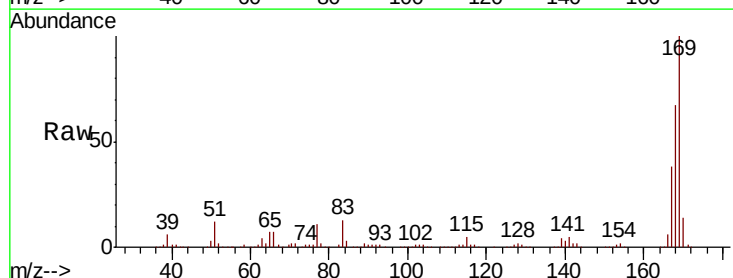
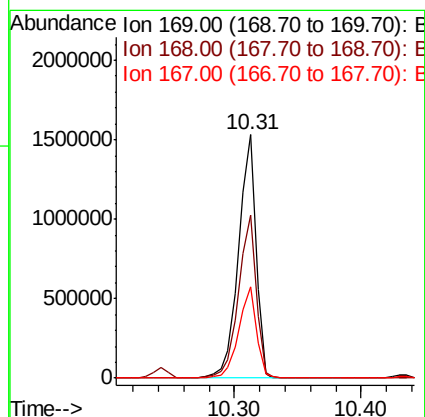
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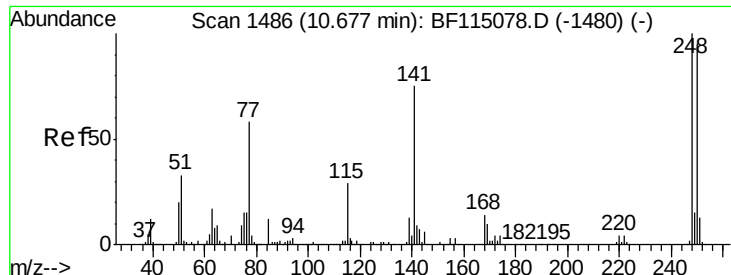
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#66
n-Nitrosodiphenylamine
Concen: 43.641 ng
RT: 10.31 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1445358		
168	67.0		54.2	81.4
167	37.6		29.4	44.0





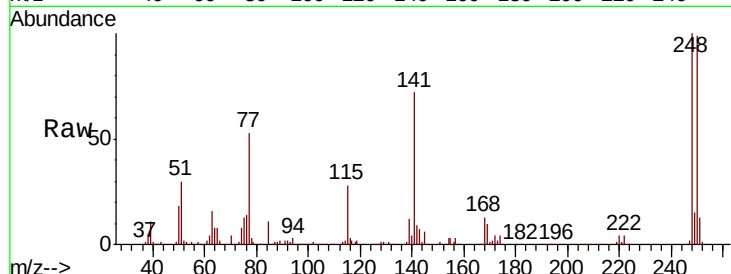
#67
 4-Bromophenyl-phenylether
 Concen: 42.766 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

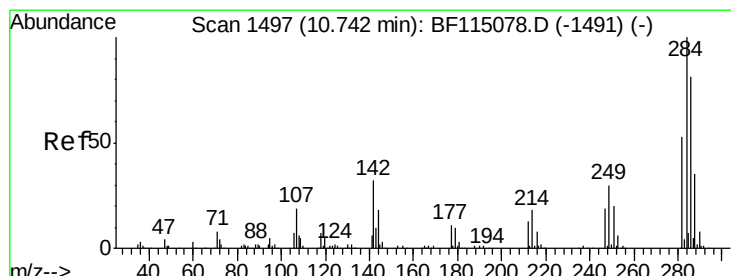
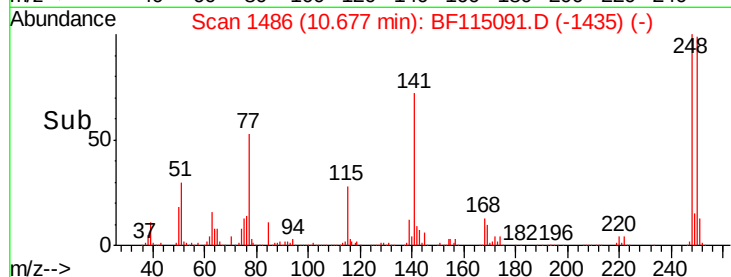
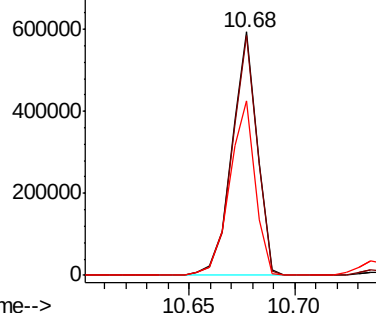
Tot Ion:	248	Resp:	492915
Ion Ratio	Lower	Upper	
248	100		
250	98.7	76.2	114.2
141	71.7	59.6	89.4

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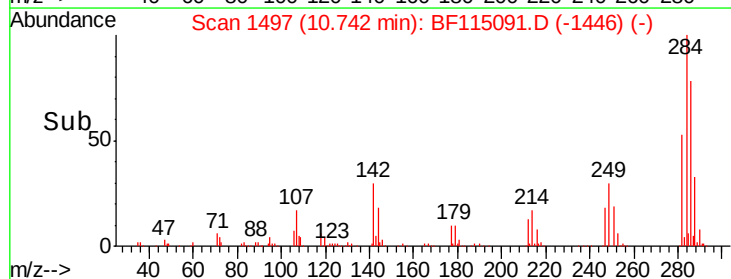
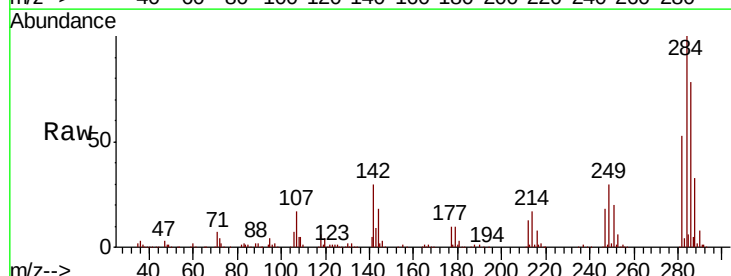
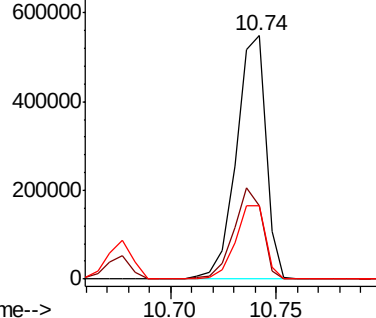
Abundance Ion 248.00 (247.70 to 248.70): E
 800000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

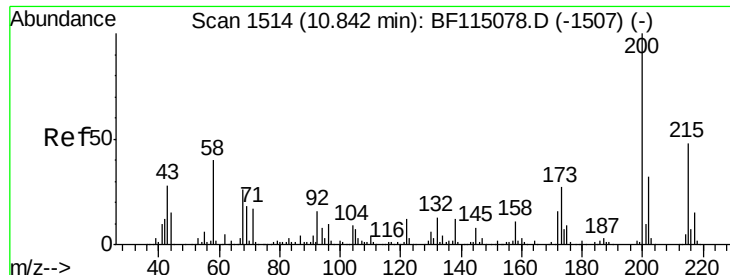


#68
 Hexachlorobenzene
 Concen: 42.827 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:	284	Resp:	535787
Ion Ratio	Lower	Upper	
284	100		
142	30.4	25.8	38.8
249	30.3	24.2	36.4

Abundance Ion 283.80 (283.50 to 284.50): E
 600000
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





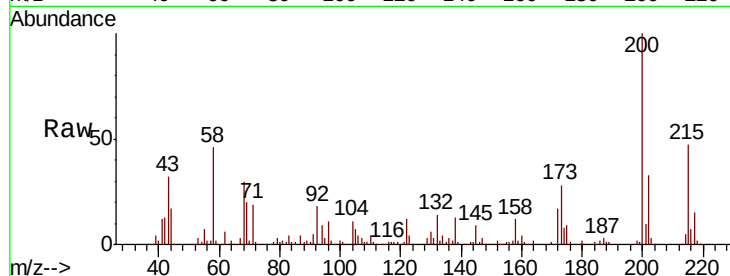
#69
Atrazine
Concen: 44.444 ng
RT: 10.84 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

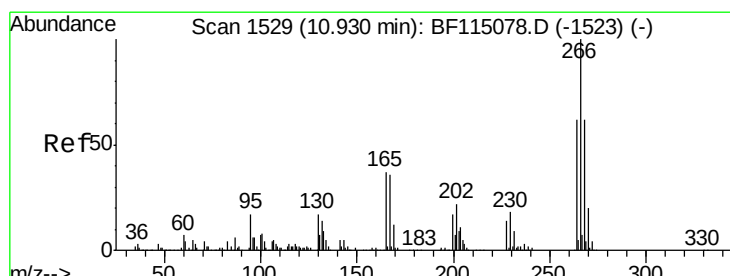
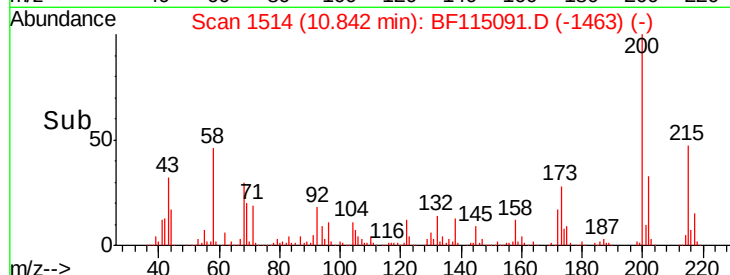
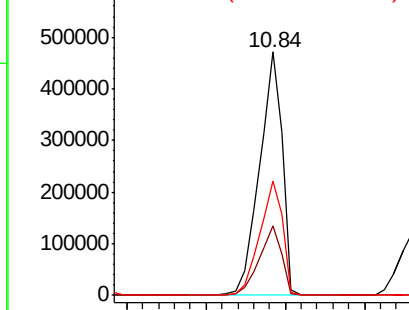
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.4	47.4
215	47.2	27.8	67.8

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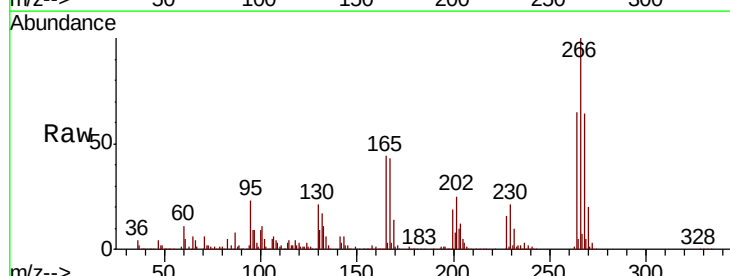


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

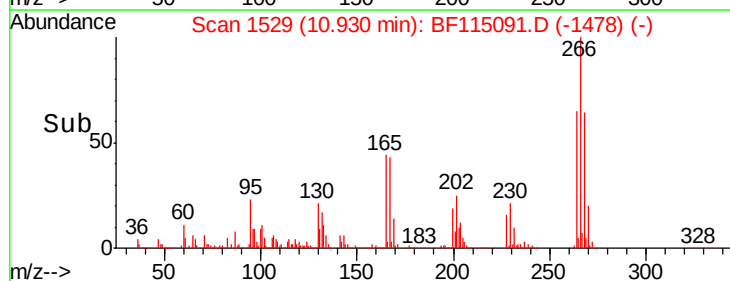
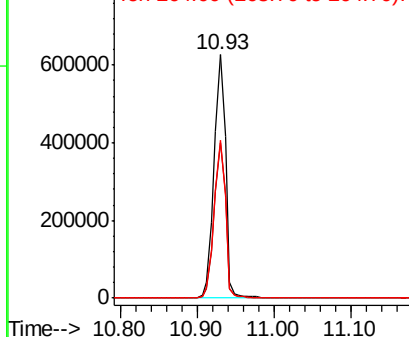


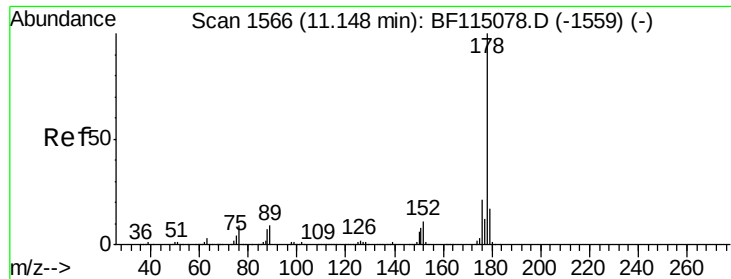
#70
Pentachlorophenol
Concen: 80.116 ng
RT: 10.93 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.5	74.3
264	64.9	49.3	73.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.296 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

ClientSampleId :

PB120707BS

Tot Ion:178 Resp: 2306433

Ion Ratio Lower Upper

178 100

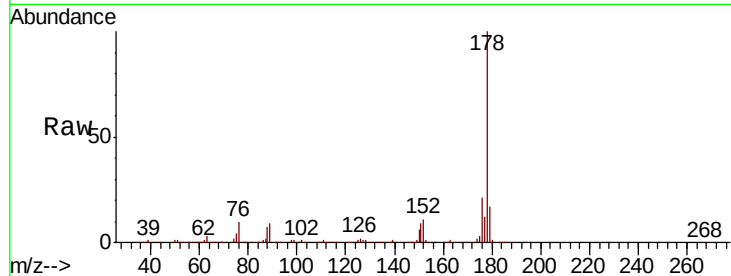
176 21.3 16.9 25.3

179 17.0 13.2 19.8

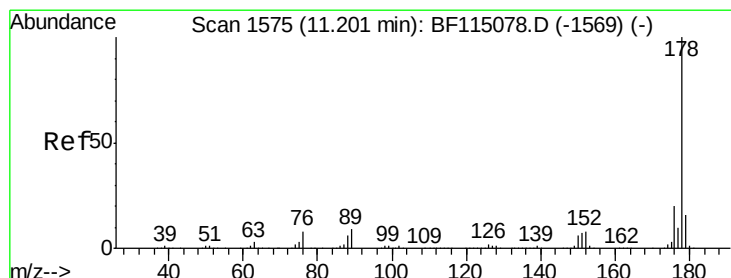
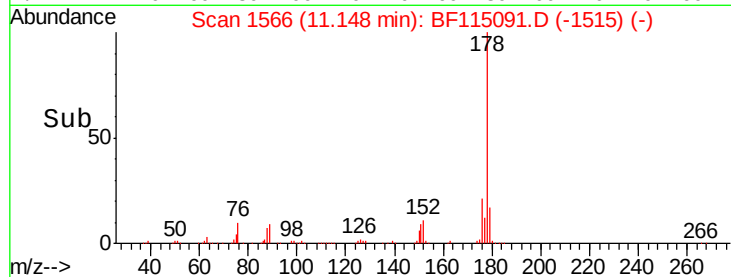
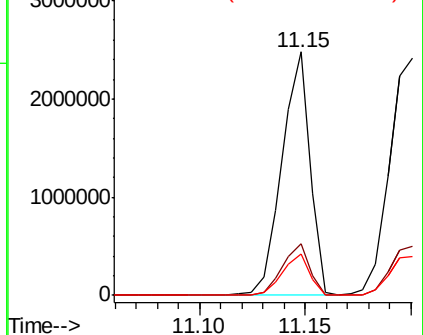
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.015 ng

RT: 11.20 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:178 Resp: 2369699

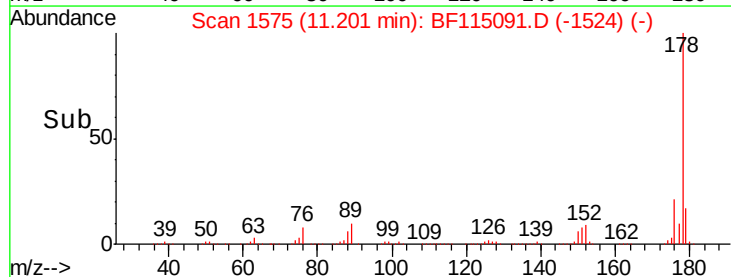
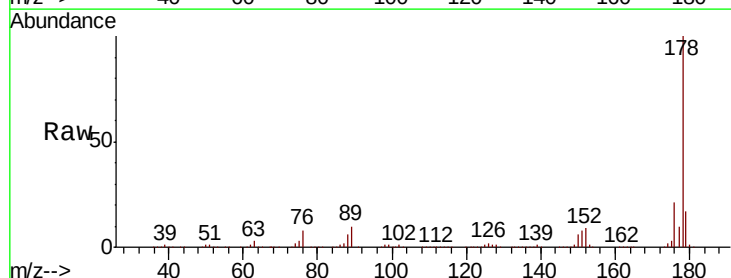
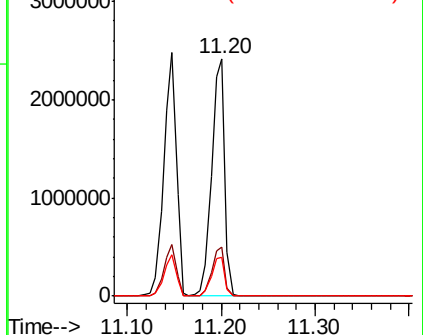
Ion Ratio Lower Upper

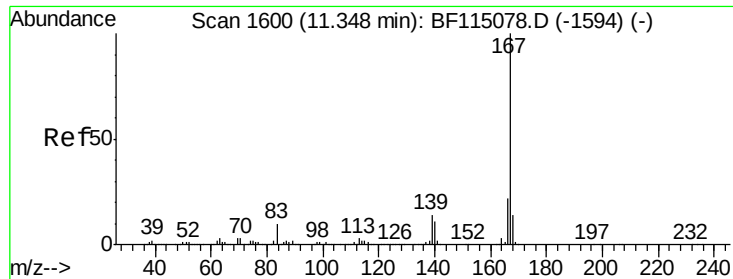
178 100

176 20.7 16.1 24.1

179 16.6 12.9 19.3

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





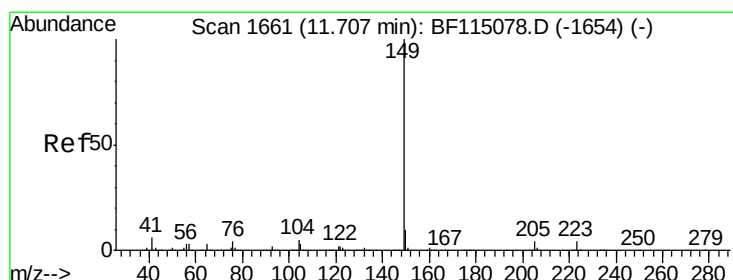
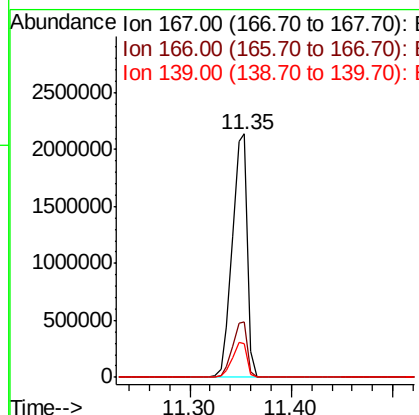
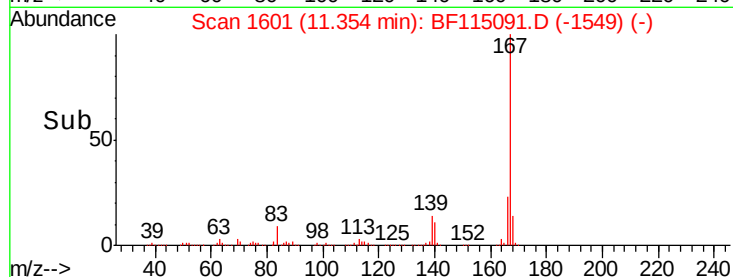
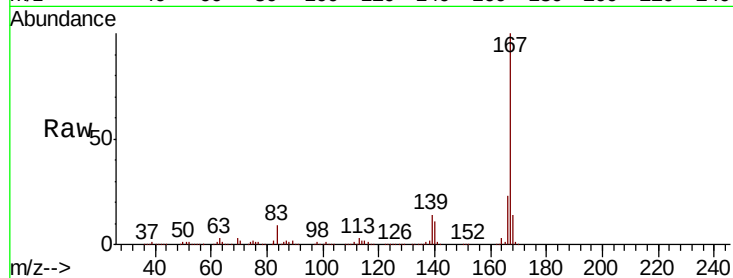
#73
 Carbazole
 Concen: 42.681 ng
 RT: 11.35 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Instrument :
 BNA_F
 ClientSampleId :
 PB120707BS

Tot Ion:167 Resp: 2202009
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.0 27.0
 139 13.7 11.1 16.7

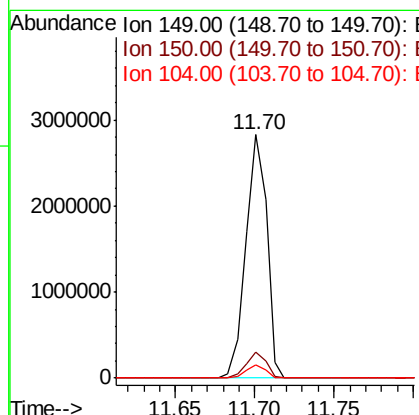
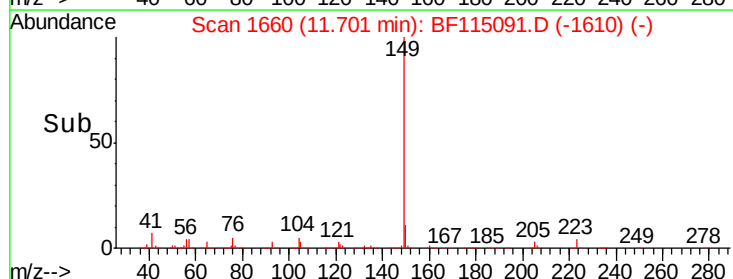
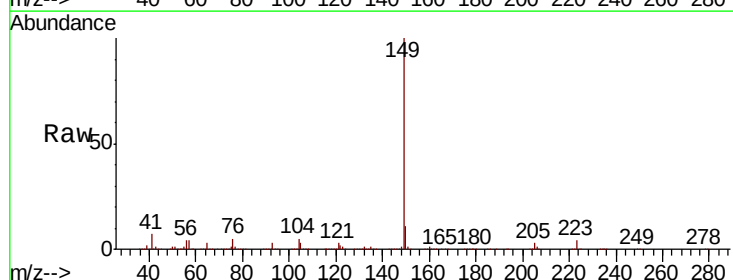
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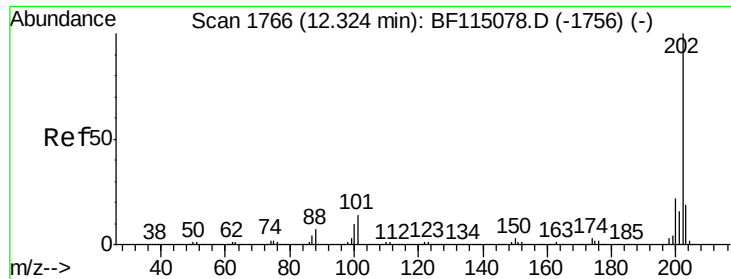
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.295 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115091.D
 Acq: 21 Jun 2019 21:25

Tgt Ion:149 Resp: 2581189
 Ion Ratio Lower Upper
 149 100
 150 10.6 7.8 11.8
 104 5.2 3.7 5.5





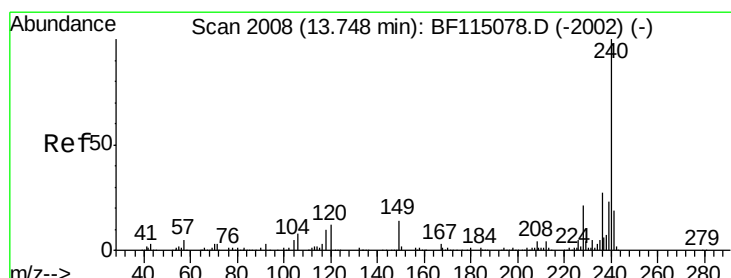
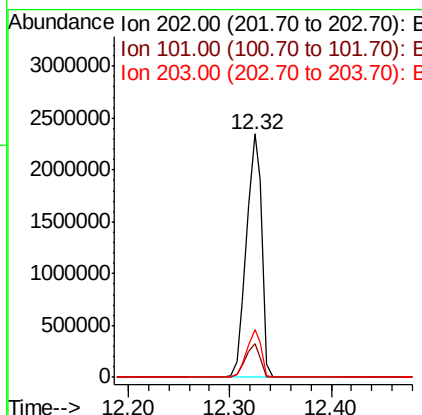
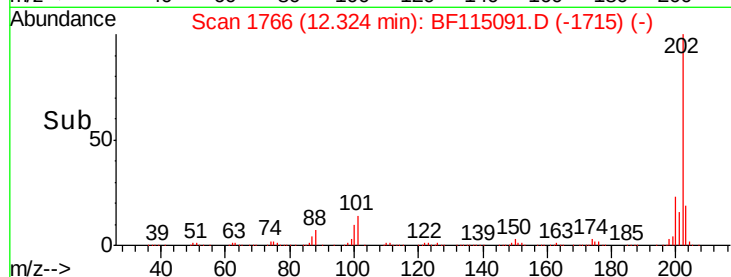
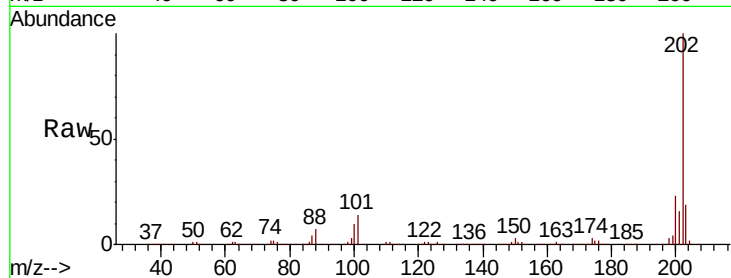
#75
Fluoranthene
Concen: 43.112 ng
RT: 12.32 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2462045		
101	13.9	0.0	34.0	
203	19.4	0.0	38.8	

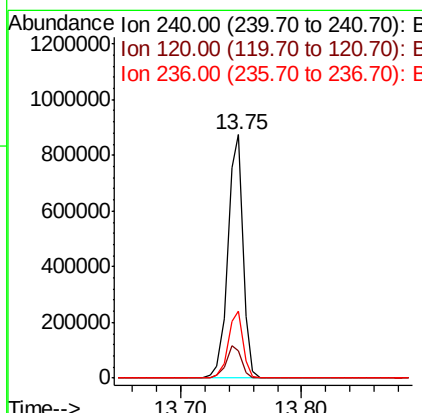
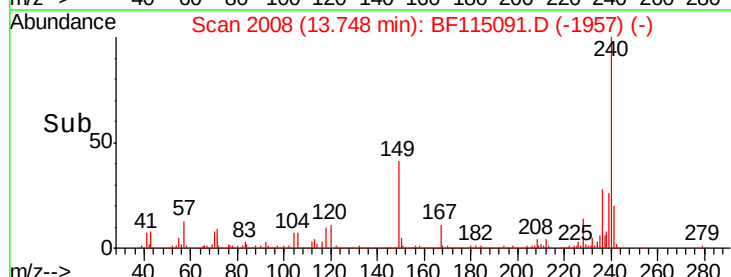
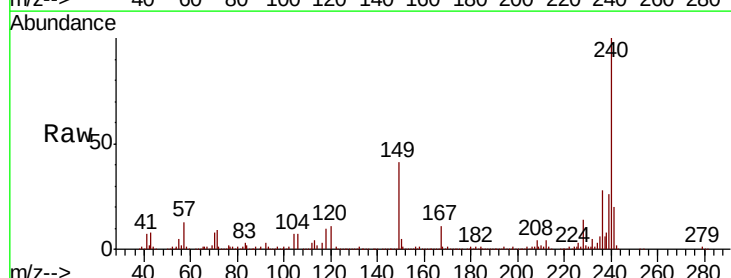
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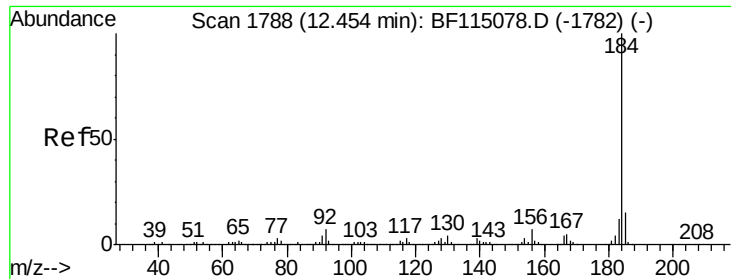
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	760419		
120	11.1	9.4	14.2	
236	27.5	21.7	32.5	





#77

Benzidine

Concen: 15.815 ng

RT: 12.45 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

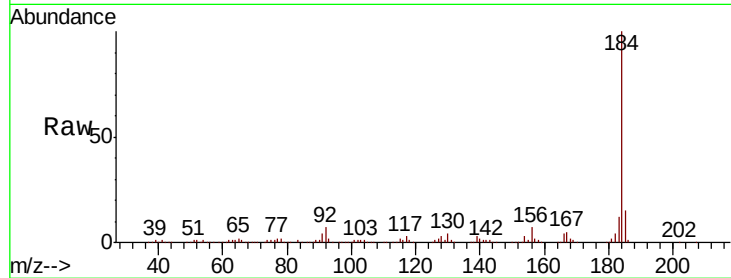
ClientSampleId :

PB120707BS

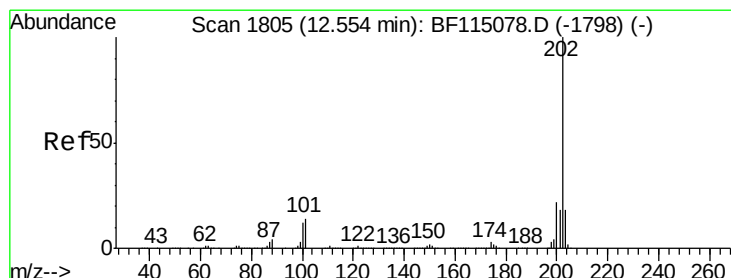
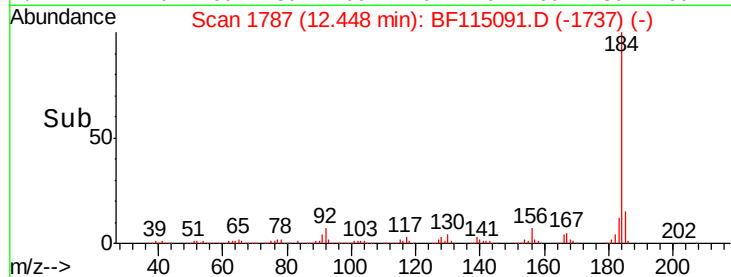
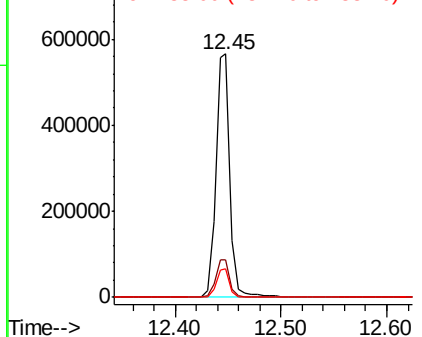
Tot Ion:	184	Resp:	533990
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	11.6	9.6	14.4

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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: 42.157 ng

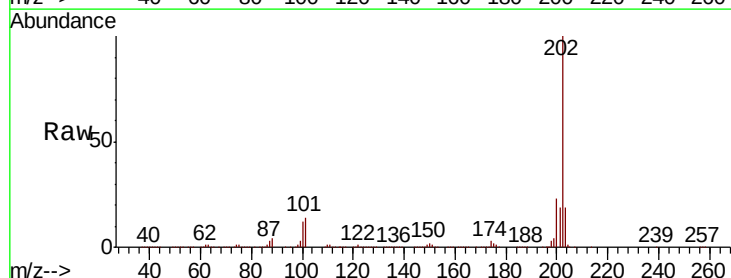
RT: 12.55 min Scan# 1805

Delta R.T. -0.00 min

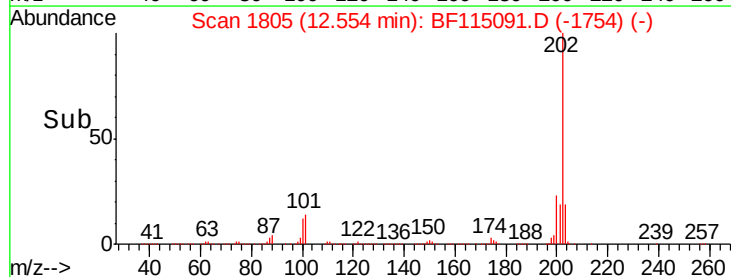
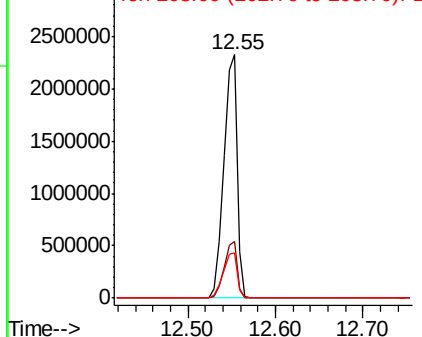
Lab File: BF115091.D

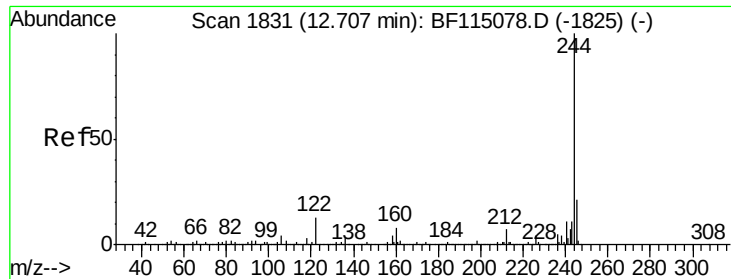
Acq: 21 Jun 2019 21:25

Tgt Ion:	202	Resp:	2463610
Ion Ratio	Lower	Upper	
202	100		
200	23.3	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





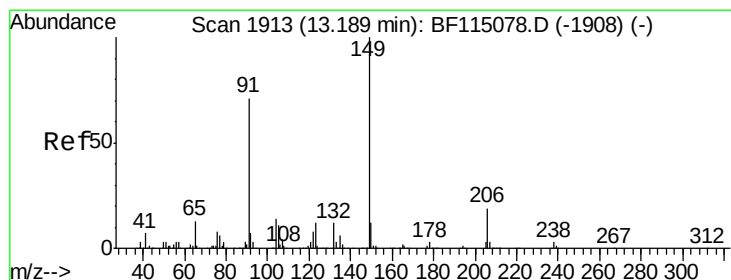
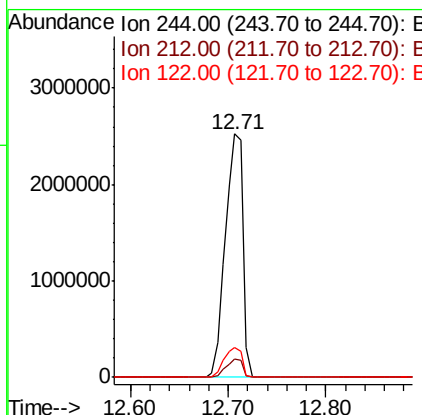
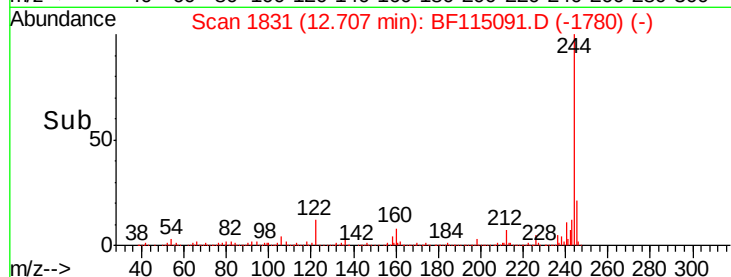
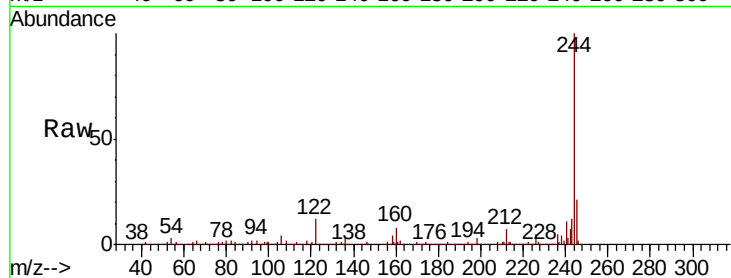
#79
Terphenyl-d14
Concen: 87.951 ng
RT: 12.71 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion:244 Resp: 3145563
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 12.5 10.4 15.6

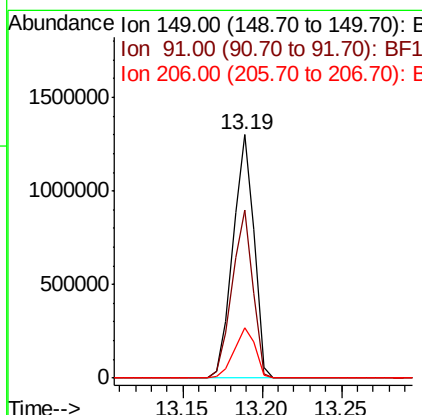
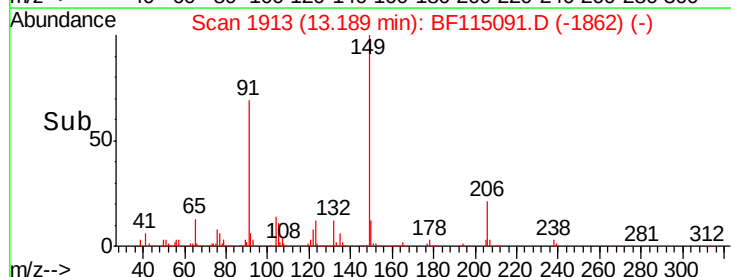
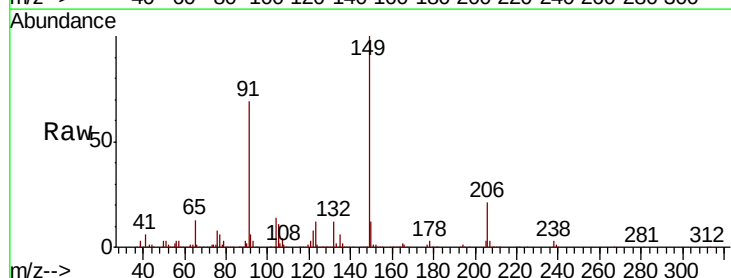
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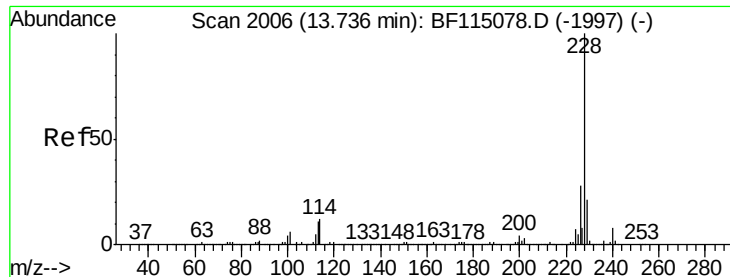
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#80
Butylbenzylphthalate
Concen: 46.404 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion:149 Resp: 1196734
Ion Ratio Lower Upper
149 100
91 69.1 56.5 84.7
206 20.7 15.3 22.9





#81

Benzo(a)anthracene

Concen: 42.085 ng

RT: 13.74 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Instrument :

BNA_F

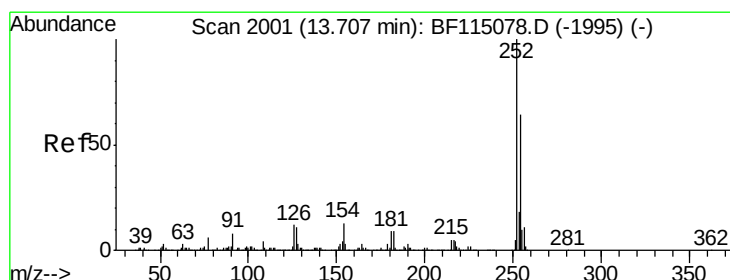
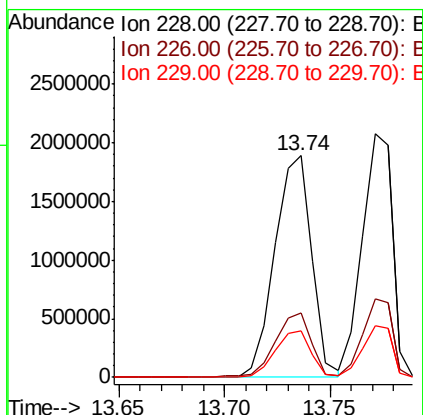
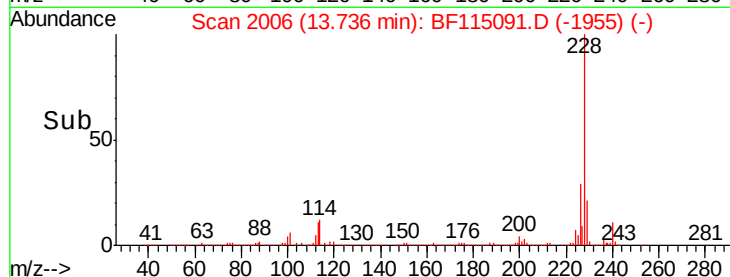
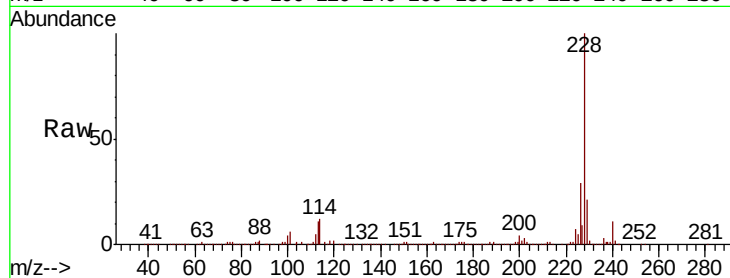
ClientSampled :

PB120707BS

Tot Ion:	228	Resp:	2296287
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.5	33.7
229	21.1	16.6	24.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 28.754 ng

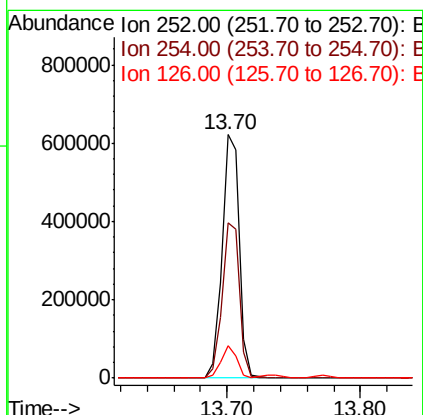
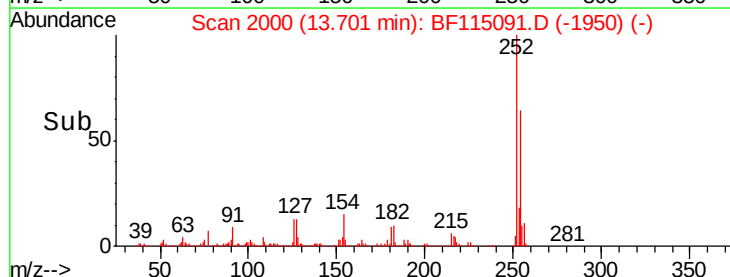
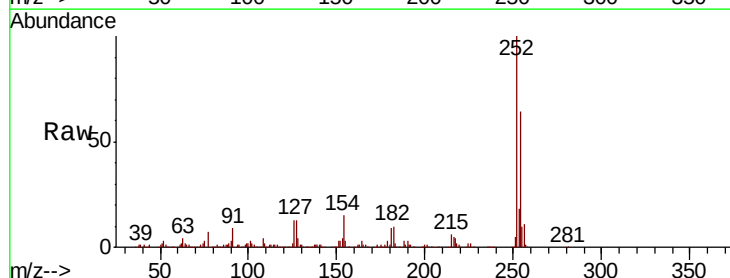
RT: 13.70 min Scan# 2000

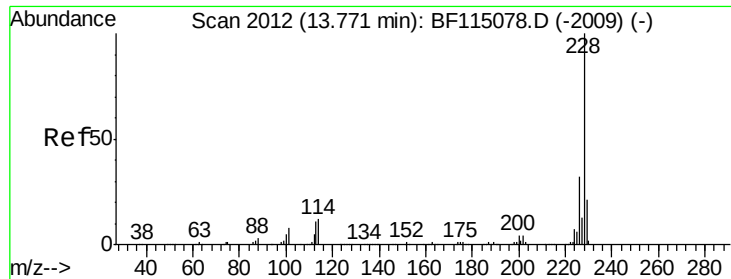
Delta R.T. -0.01 min

Lab File: BF115091.D

Acq: 21 Jun 2019 21:25

Tgt Ion:	252	Resp:	566550
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.1	76.7
126	13.4	9.4	14.0





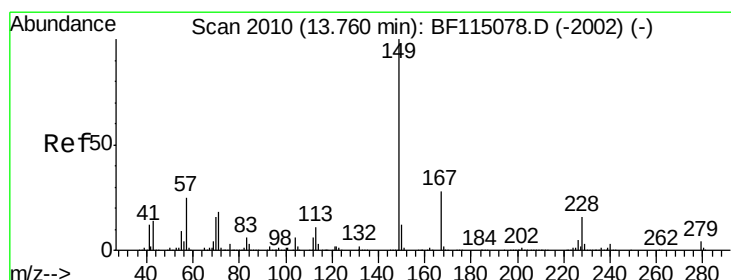
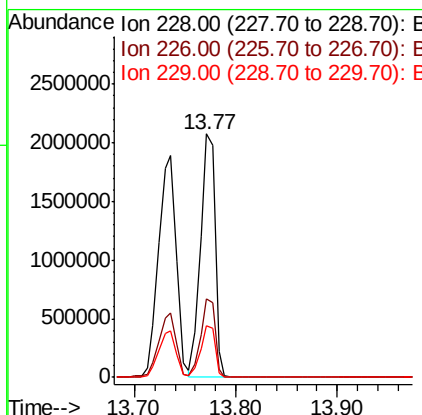
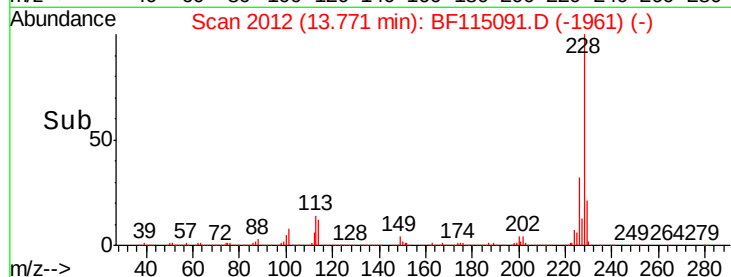
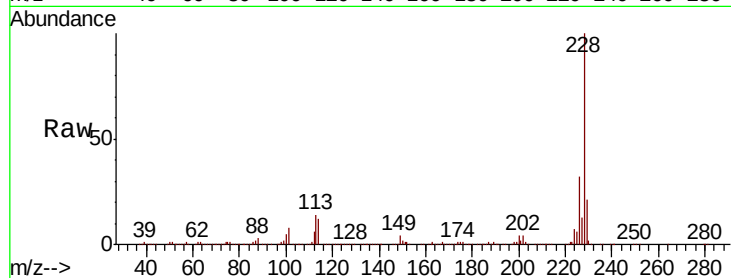
#83
Chrysene
Concen: 41.706 ng
RT: 13.77 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	21.1	16.5	24.7

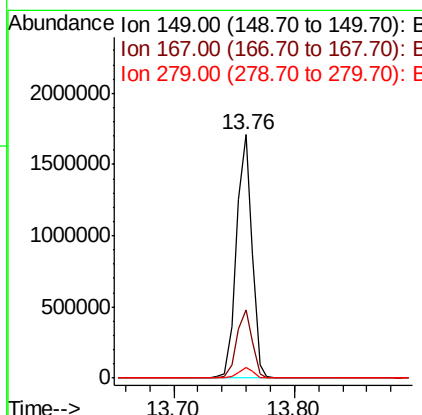
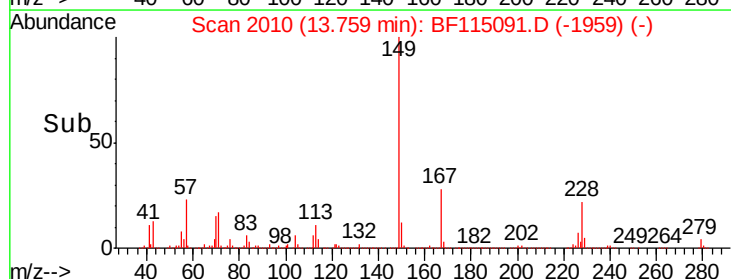
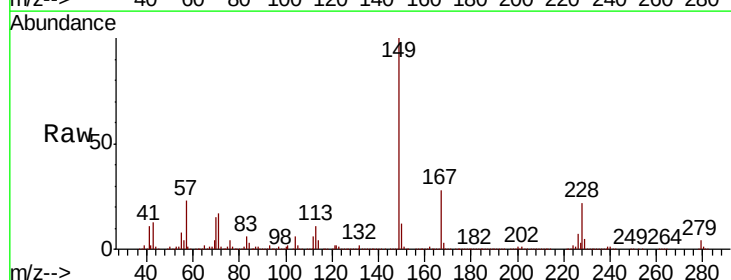
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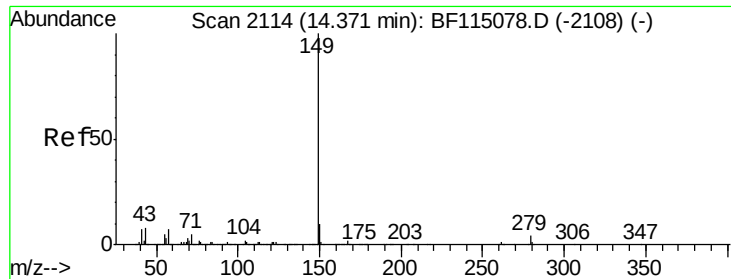
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.488 ng
RT: 13.76 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.3	2.9	4.3#





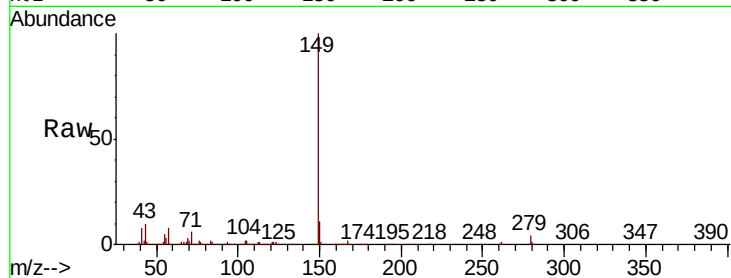
#85
Di-n-octyl phthalate
Concen: 46.533 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

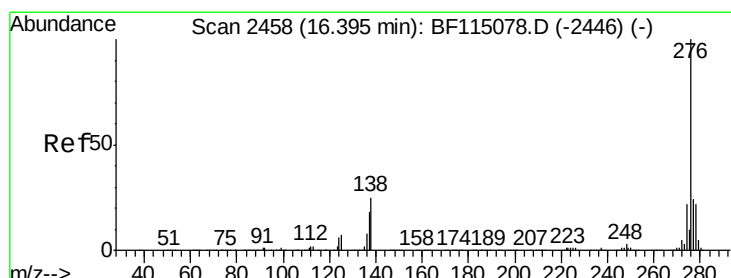
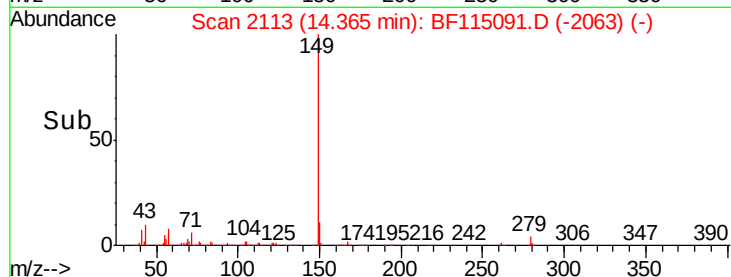
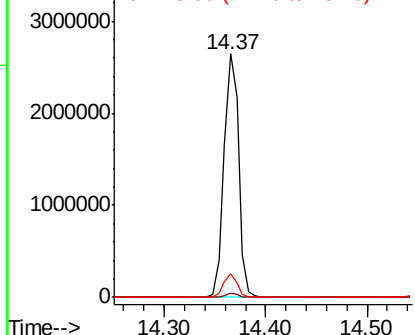
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.0	10.6

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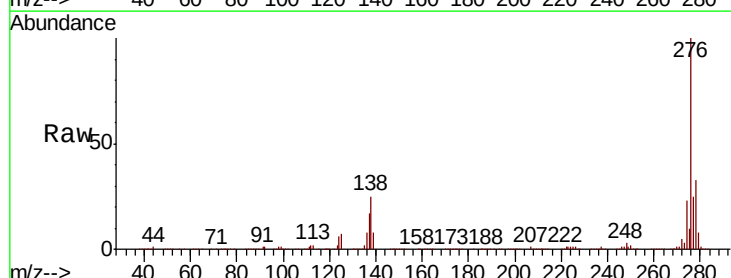


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

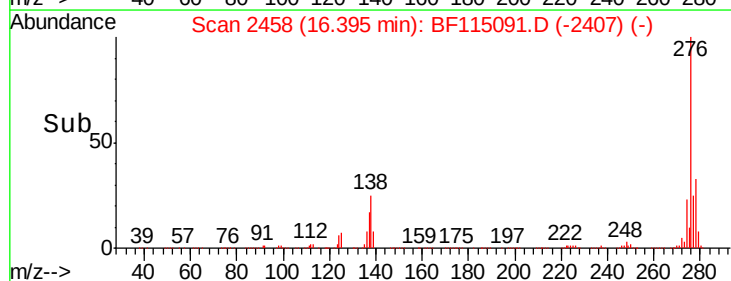
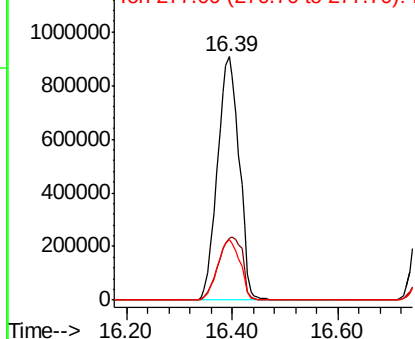


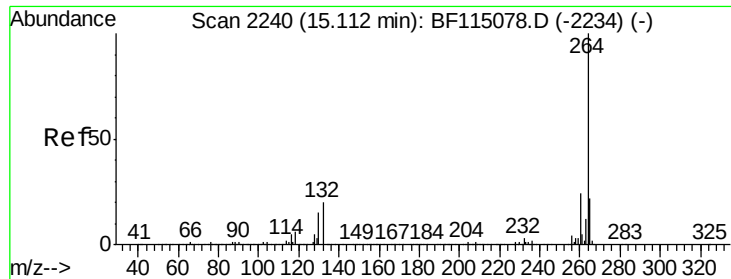
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.814 ng
RT: 16.39 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.2	34.8
277	25.6	20.1	30.1



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





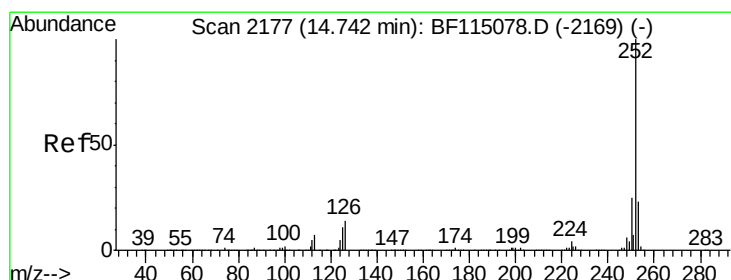
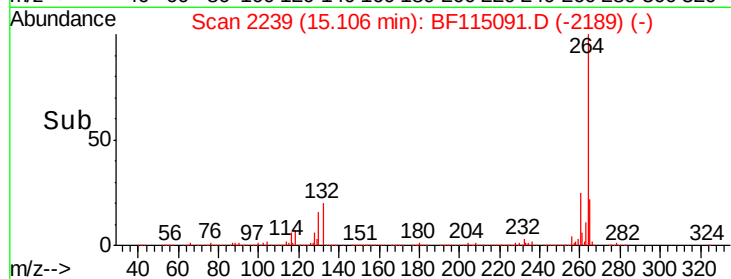
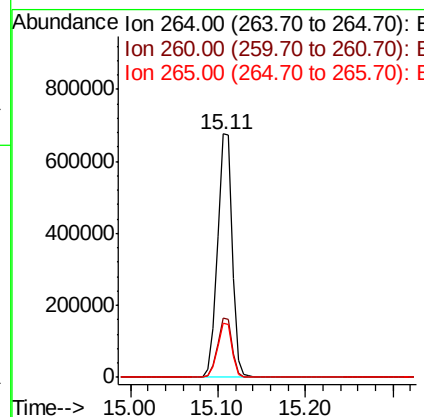
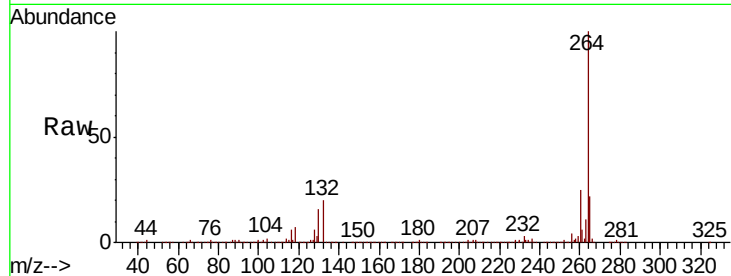
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	22.1	17.3	25.9

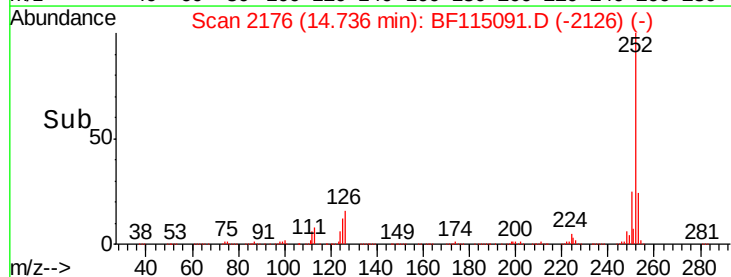
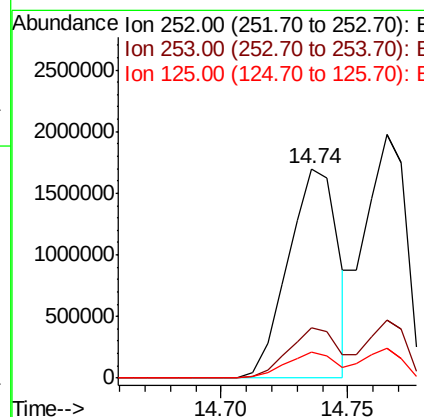
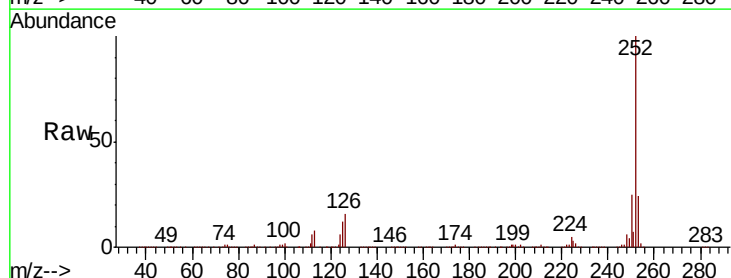
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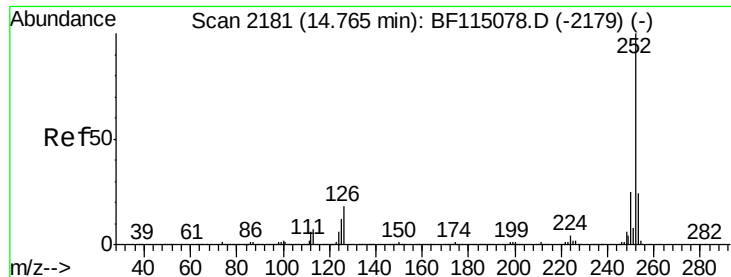
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#88
Benzo(b)fluoranthene
Concen: 46.823 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.2	8.7	13.1





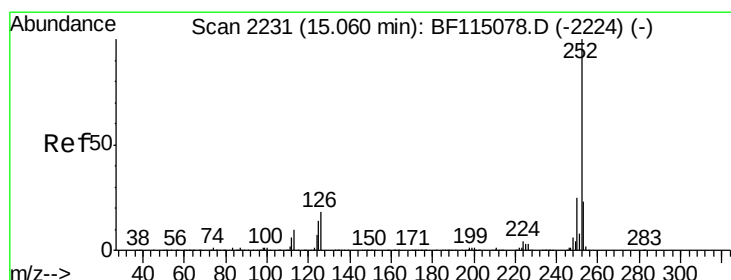
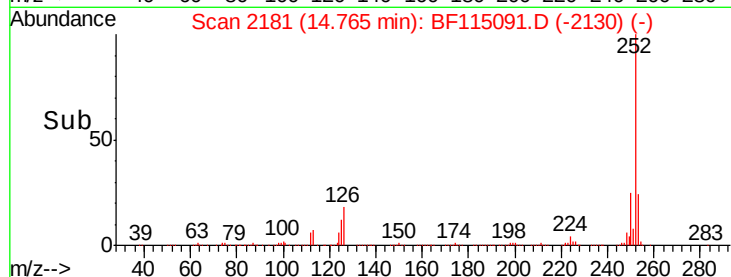
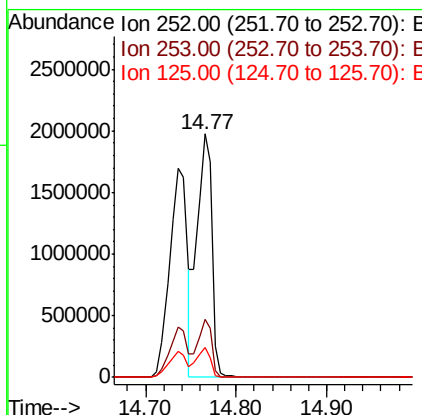
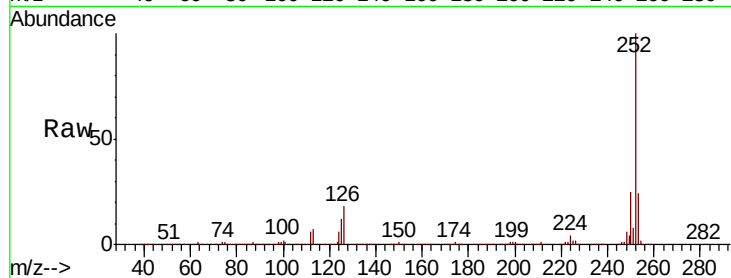
#89
Benzo(k)fluoranthene
Concen: 50.765 ng
RT: 14.77 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	12.4	10.2	15.2

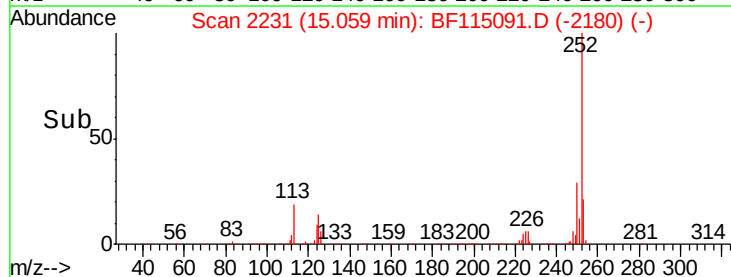
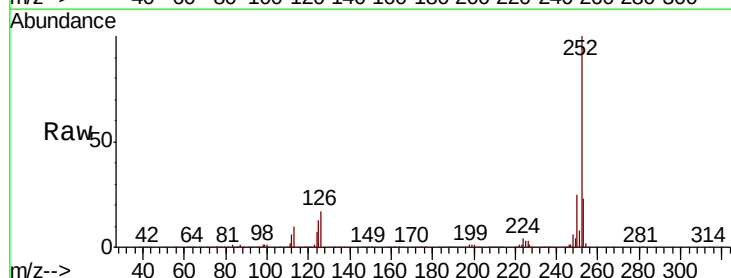
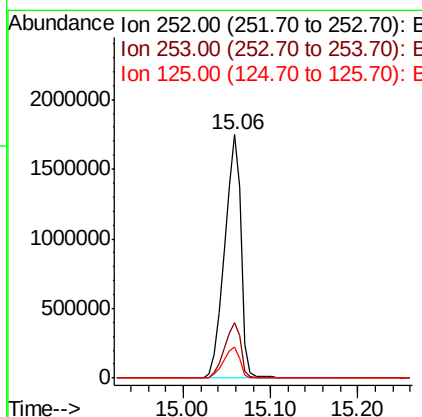
Manual Integrations
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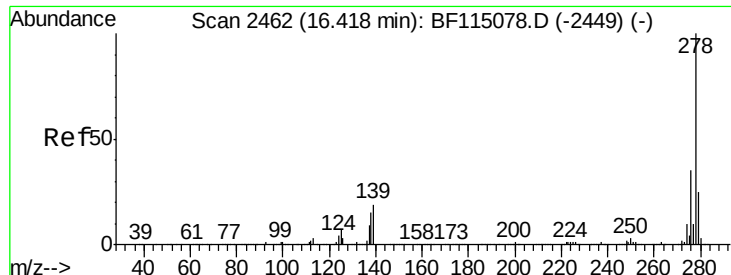
mohammad
6/25/2019 12:41:18 PM



#90
Benzo(a)pyrene
Concen: 50.757 ng
RT: 15.06 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	13.0	10.9	16.3





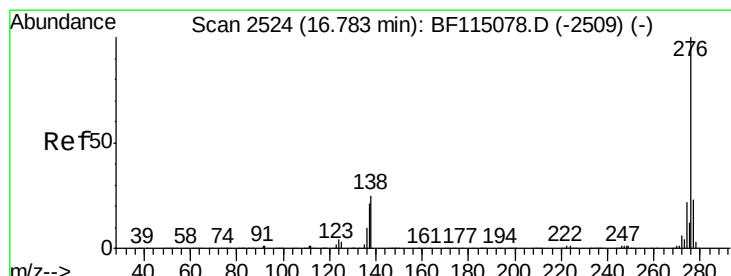
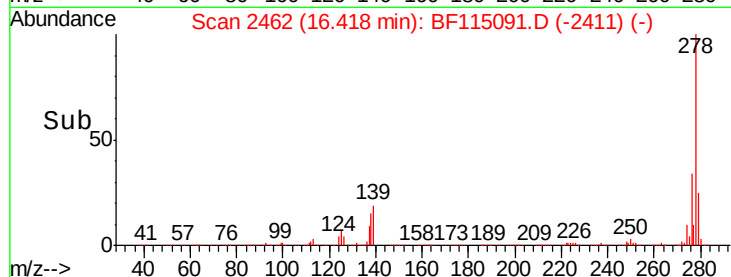
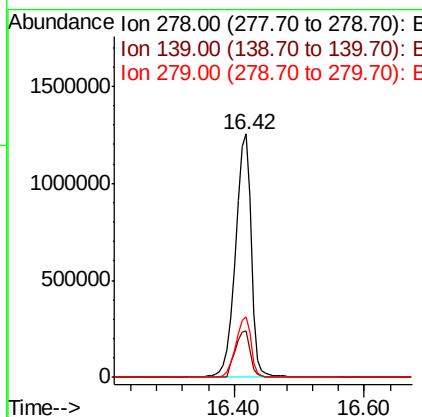
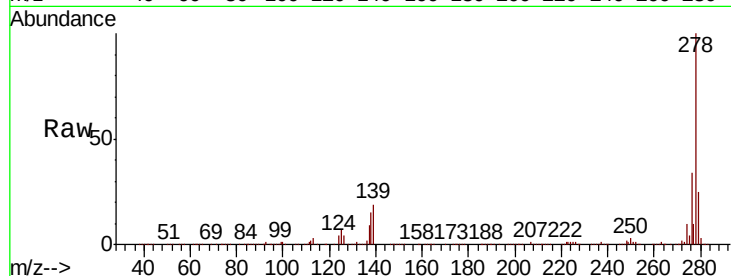
#91
Dibenzo(a,h)anthracene
Concen: 50.682 ng
RT: 16.42 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Instrument :
BNA_F
ClientSampleId :
PB120707BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.4	23.2
279	24.9	19.9	29.9

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 51.195 ng
RT: 16.78 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BF115091.D
Acq: 21 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	25.2	19.8	29.6

