

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115144.D
 Acq On : 24 Jun 2019 12:31
 Operator : HP/JU
 Sample : PB120809BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Manual Integrations
 APPROVED

mohammad
 6/28/2019 8:25:04 AM

Quant Time: Jun 25 07:56:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	357022	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1405882	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	700643	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1346270	20.00	ng	0.00
76) Chrysene-d12	13.74	240	887704	20.00	ng	-0.01
87) Perylene-d12	15.10	264	914496	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	2614417	113.00	ng	0.02
7) Phenol-d6	6.27	99	3187089	113.50	ng	0.01
23) Nitrobenzene-d5	7.18	82	2018568	88.32	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	904634	122.44	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3542988	85.90	ng	0.00
79) Terphenyl-d14	12.70	244	3606638	86.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	370074	33.893	ng	99
3) Pyridine	2.97	79	1007914	32.751	ng	99
4) n-Nitrosodimethylamine	2.92	42	462395	38.327	ng	99
6) Aniline	6.28	93	998764	25.879	ng	# 78
8) 2-Chlorophenol	6.41	128	1056594	40.615	ng	97
9) Benzaldehyde	6.15	77	209802	11.452	ng	99
10) Phenol	6.28	94	1201833	36.537	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	969889	40.001	ng	98
12) 1,3-Dichlorobenzene	6.55	146	1111021	38.481	ng	98
13) 1,4-Dichlorobenzene	6.63	146	1127809	38.955	ng	98
14) 1,2-Dichlorobenzene	6.79	146	1030418	38.433	ng	98
15) Benzyl Alcohol	6.77	79	810707	39.648	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1407603	40.026	ng	99
17) 2-Methylphenol	6.88	107	901415	41.979	ng	98
18) Hexachloroethane	7.13	117	413962	39.661	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	703985	39.158	ng	99
20) 3+4-Methylphenols	7.04	107	1005748	40.563	ng	# 88
22) Acetophenone	7.02	105	1414754	43.957	ng	# 95
24) Nitrobenzene	7.20	77	1084011	43.054	ng	95
25) Isophorone	7.44	82	2044103	43.661	ng	100
26) 2-Nitrophenol	7.51	139	612758	49.281	ng	98
27) 2,4-Dimethylphenol	7.57	122	999939	49.118	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	1262003	42.648	ng	98
29) 2,4-Dichlorophenol	7.76	162	935239	44.515	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	1012351	43.624	ng	99
31) Naphthalene	7.92	128	2923531	42.363	ng	98
32) Benzoic acid	7.71	122	814149	56.025	ng	98
33) 4-Chloroaniline	7.97	127	710619	22.531	ng	99
34) Hexachlorobutadiene	8.04	225	543175	42.712	ng	98
35) Caprolactam	8.35	113	337852m	47.831	ng	
36) 4-Chloro-3-methylphenol	8.46	107	939247	44.144	ng	98
37) 2-Methylnaphthalene	8.61	142	2051565	44.090	ng	98
38) 1-Methylnaphthalene	8.71	142	1930721	43.445	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	840518	42.453	ng	99

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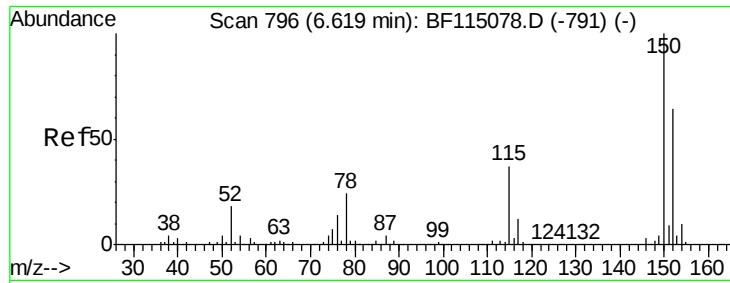
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	931545	79.347	nq	99
43) 2,4,6-Trichlorophenol	8.89	196	685118	44.822	nq	99
44) 2,4,5-Trichlorophenol	8.93	196	716747	45.533	nq	99
46) 1,1'-Biphenyl	9.08	154	2324042	41.455	nq	97
47) 2-Chloronaphthalene	9.10	162	1886726	41.490	nq	96
48) 2-Nitroaniline	9.19	65	575355	43.398	nq	92
49) Acenaphthylene	9.51	152	2897208	40.892	nq	97
50) Dimethylphthalate	9.38	163	2158022	41.864	nq	99
51) 2,6-Dinitrotoluene	9.44	165	535012	44.956	nq	93
52) Acenaphthene	9.68	154	1784381	40.248	nq	99
53) 3-Nitroaniline	9.60	138	394595	27.171	nq	98
54) 2,4-Dinitrophenol	9.71	184	560729	90.504	nq	99
55) Dibenzofuran	9.85	168	2544904	39.994	nq	97
56) 4-Nitrophenol	9.77	139	958108	82.291	nq	95
57) 2,4-Dinitrotoluene	9.84	165	692110	45.041	nq	93
58) Fluorene	10.19	166	1730584	40.136	nq	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	611961	46.363	nq	98
60) Diethylphthalate	10.08	149	2150121	41.495	nq	98
61) 4-Chlorophenyl-phenylether	10.18	204	840854	41.189	nq	96
62) 4-Nitroaniline	10.21	138	599149	41.124	nq	98
63) Azobenzene	10.35	77	1973843	40.784	nq	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	340143	47.537	nq	92
66) n-Nitrosodiphenylamine	10.31	169	1796737	42.838	nq	99
67) 4-Bromophenyl-phenylether	10.67	248	625753	42.871	nq	96
68) Hexachlorobenzene	10.74	284	682992	43.109	nq	97
69) Atrazine	10.84	200	585759	43.415	nq	99
70) Pentachlorophenol	10.92	266	821248	81.365	nq	98
71) Phenanthrene	11.14	178	2859945	39.456	nq	98
72) Anthracene	11.20	178	2881827	39.386	nq	97
73) Carbazole	11.35	167	2673928	40.925	nq	98
74) Di-n-butylphthalate	11.70	149	3059279	40.520	nq	97
75) Fluoranthene	12.32	202	2959984	40.928	nq	99
77) Benzidine	12.44	184	959872	24.351	nq	99
78) Pyrene	12.55	202	2997524	43.939	nq	98
80) Butylbenzylphthalate	13.18	149	1457886	48.424	nq	98
81) Benzo(a)anthracene	13.72	228	2768902	43.471	nq	98
82) 3,3'-Dichlorobenzidine	13.69	252	896725	38.985	nq	97
83) Chrysene	13.77	228	2606414	44.671	nq	97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1836748	46.560	nq	# 98
85) Di-n-octyl phthalate	14.35	149	3152063	47.556	nq	100
86) Indeno(1,2,3-cd)pyrene	16.38	276	2740249	39.690	nq	99
88) Benzo(b)fluoranthene	14.74	252	3110382	54.509	nq	99
89) Benzo(k)fluoranthene	14.76	252	2278128	44.519	nq	99
90) Benzo(a)pyrene	15.05	252	2605843	50.667	nq	99
91) Dibenzo(a,h)anthracene	16.40	278	2254118	46.947	nq	100
92) Benzo(g,h,i)perylene	16.77	276	2282770	46.975	nq	99

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



#1

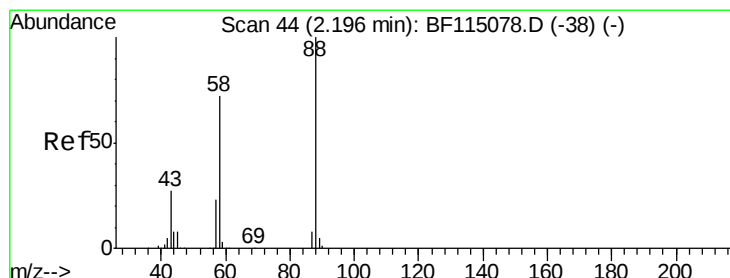
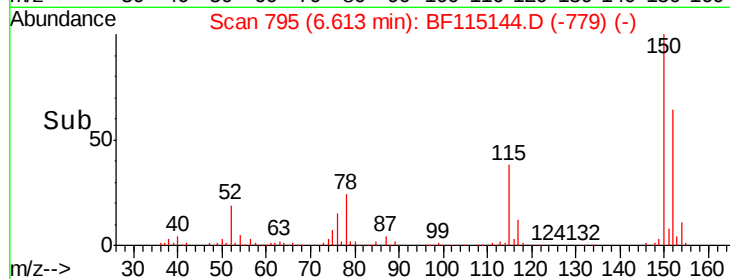
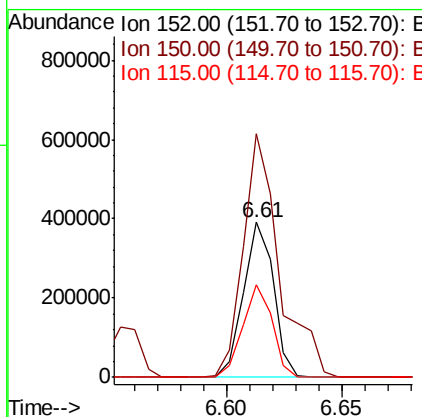
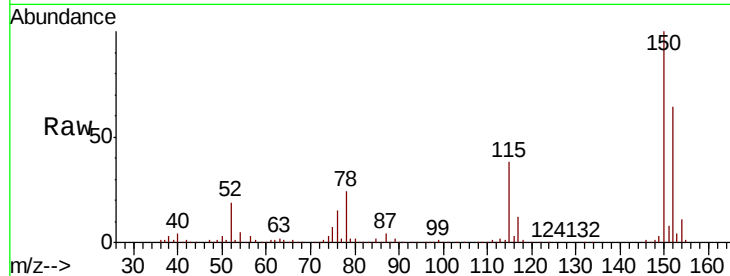
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.2	186.2
115	59.8	46.1	69.1

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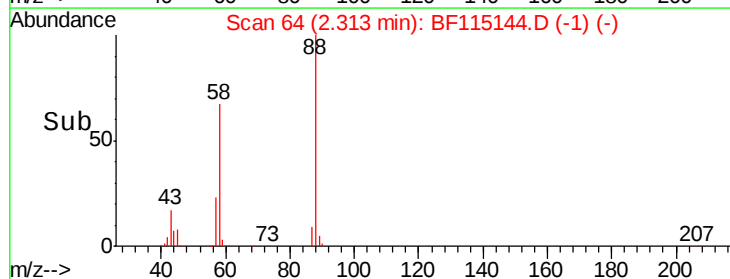
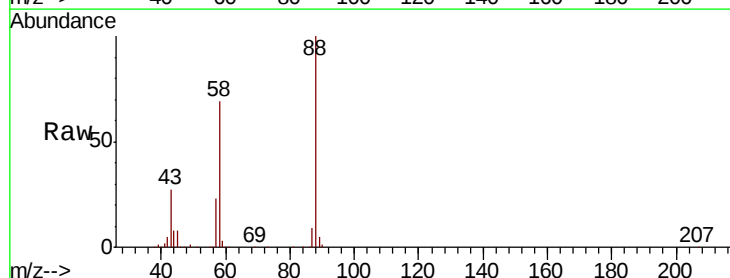
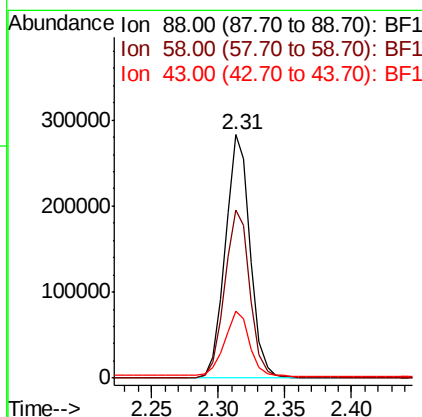
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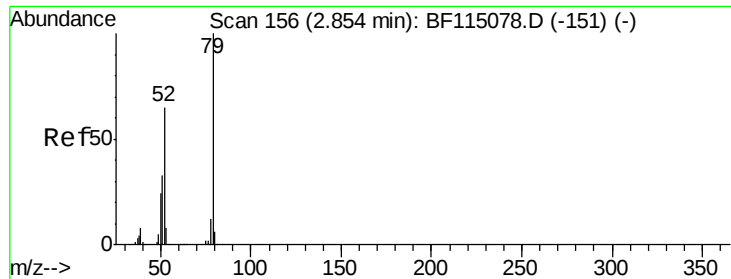


#2

1,4-Dioxane
Concen: 33.893 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.12 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	56.1	84.1
43	27.1	21.3	31.9





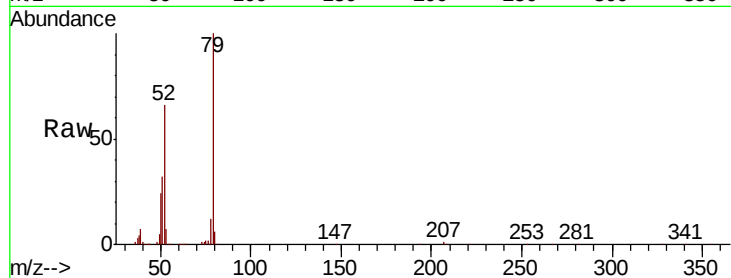
#3
 Pvridine
 Concen: 32.751 ng
 RT: 2.97 min Scan# 175
 Delta R.T. 0.11 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

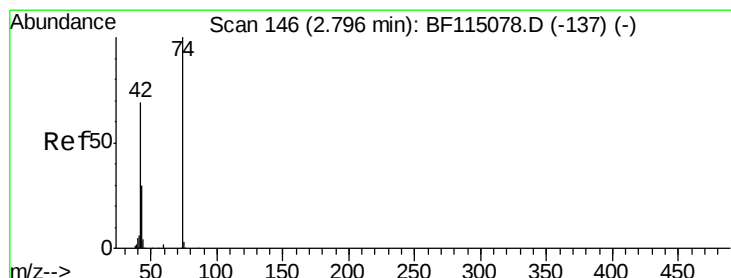
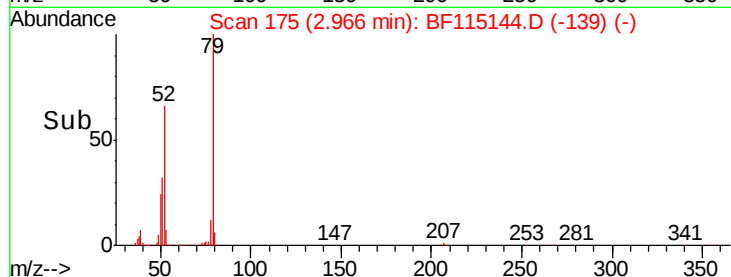
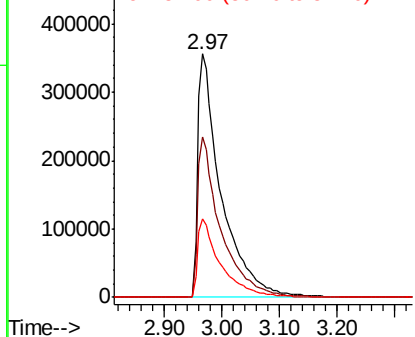
Tot Ion: 79 Resp: 1007914
 Ion Ratio Lower Upper
 79 100
 52 65.7 52.3 78.5
 51 32.1 26.1 39.1

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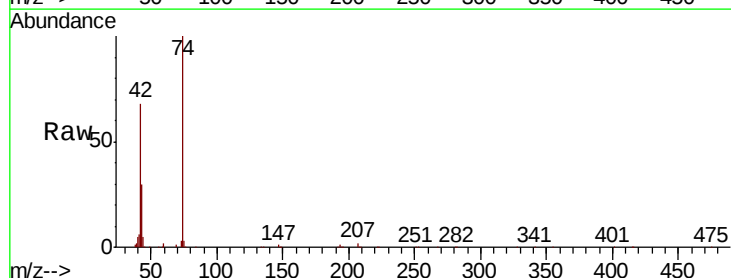


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

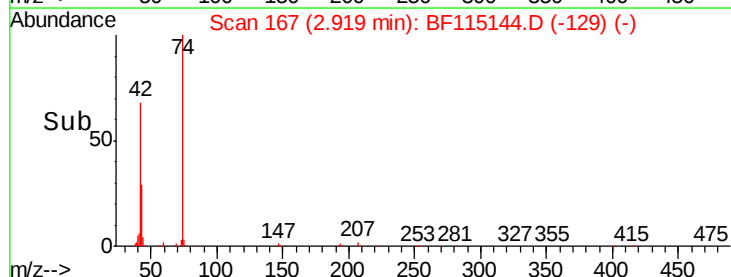
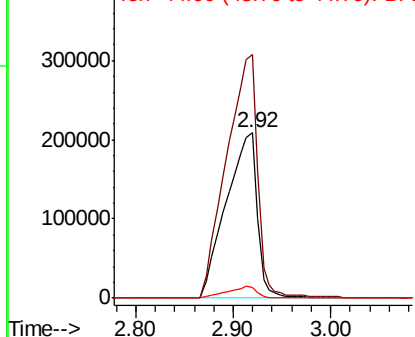


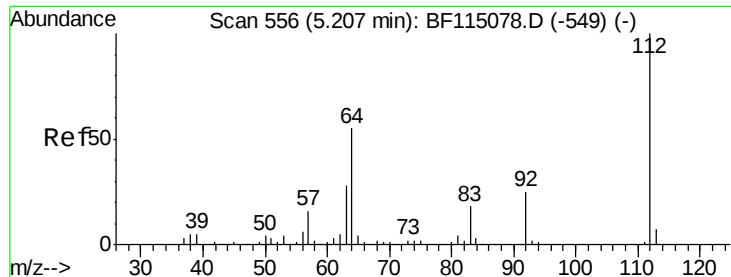
#4
 n-Nitrosodimethylamine
 Concen: 38.327 ng
 RT: 2.92 min Scan# 167
 Delta R.T. 0.12 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion: 42 Resp: 462395
 Ion Ratio Lower Upper
 42 100
 74 147.3 116.6 175.0
 44 6.7 5.3 7.9



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.004 ng

RT: 5.23 min Scan# 560

Delta R.T. 0.02 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion:112 Resp: 2614417

Ion Ratio Lower Upper

112 100

64 55.8 43.8 65.6

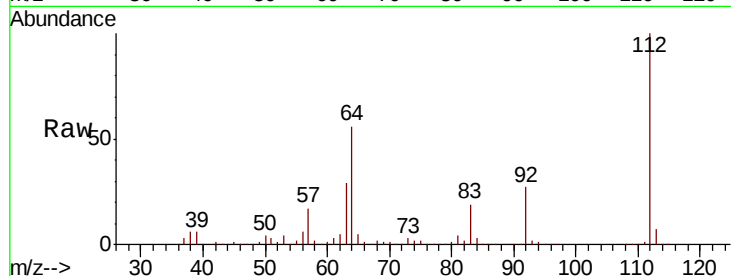
63 29.1 22.2 33.4

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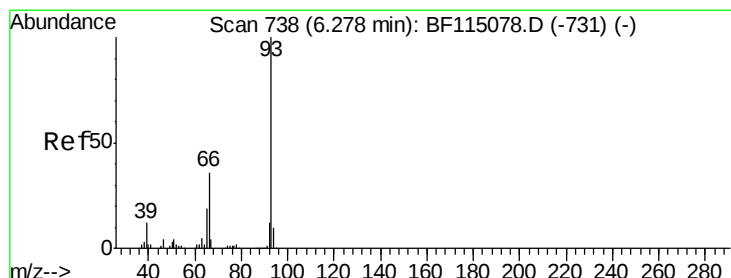
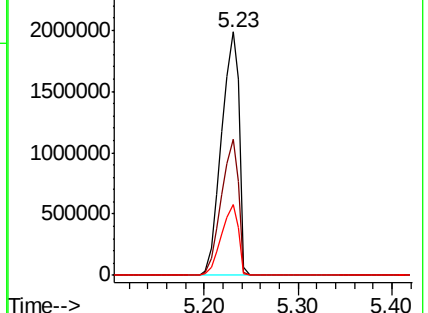
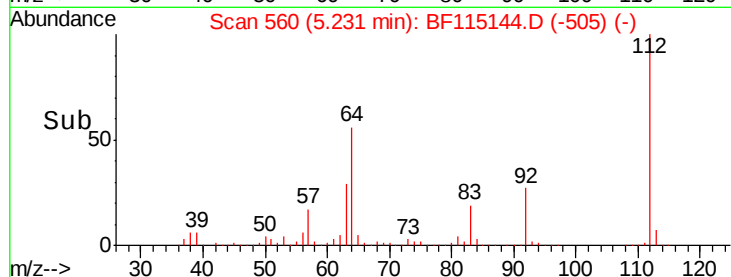
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.879 ng

RT: 6.28 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

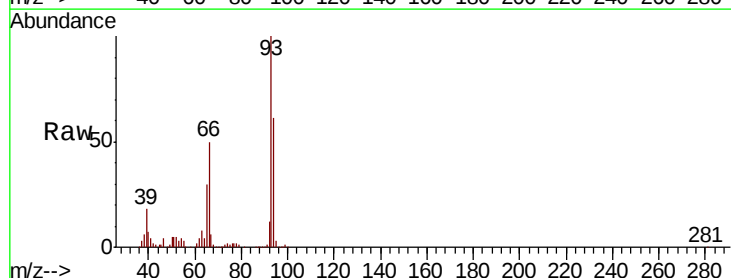
Tgt Ion: 93 Resp: 998764

Ion Ratio Lower Upper

93 100

66 50.2 30.0 45.0#

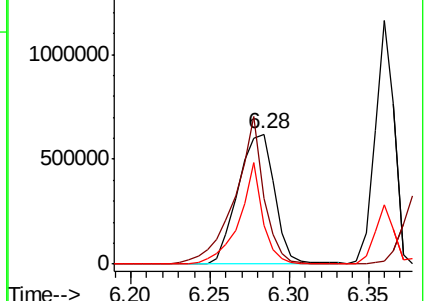
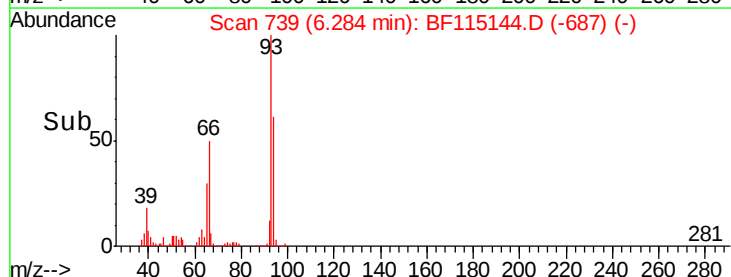
65 29.7 15.6 23.4#

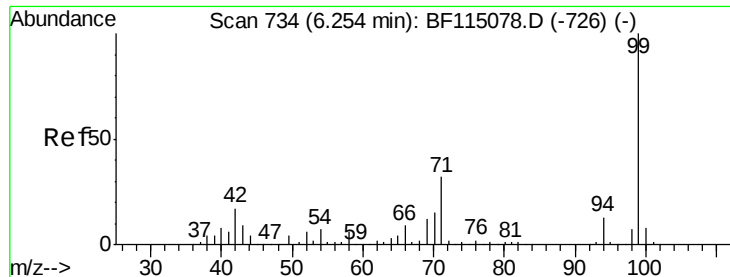


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.496 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion: 99 Resp: 3187089

Ion Ratio Lower Upper

99 100

42 17.9 13.6 20.4

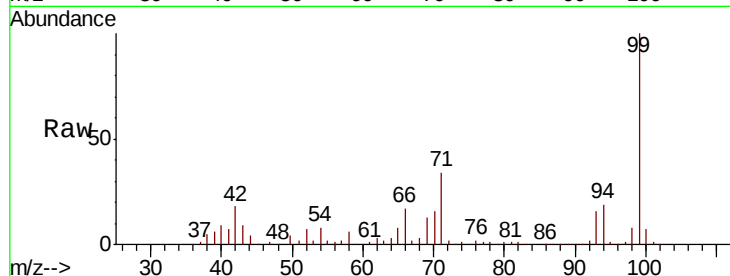
71 34.2 25.5 38.3

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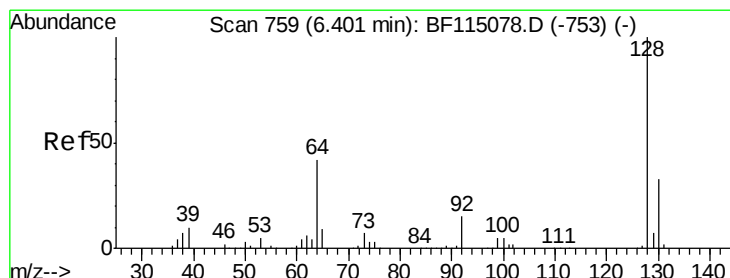
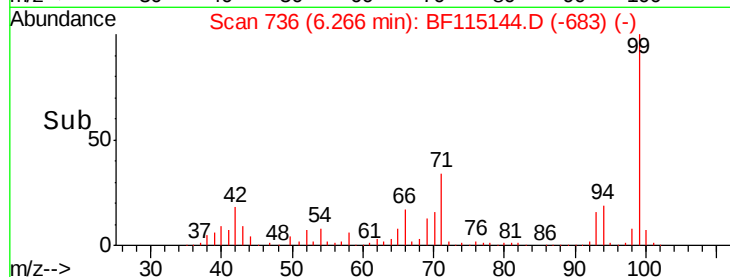
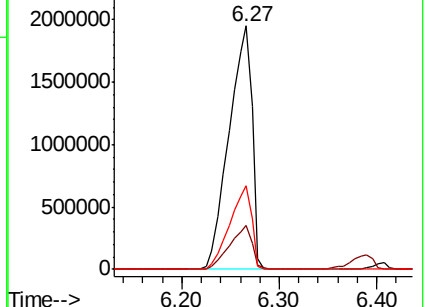
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.615 ng

RT: 6.41 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

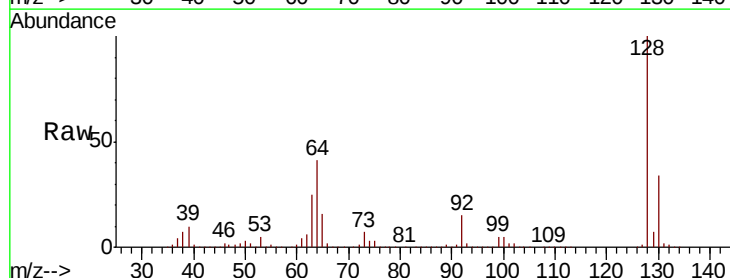
Tgt Ion:128 Resp: 1056594

Ion Ratio Lower Upper

128 100

130 34.1 12.9 52.9

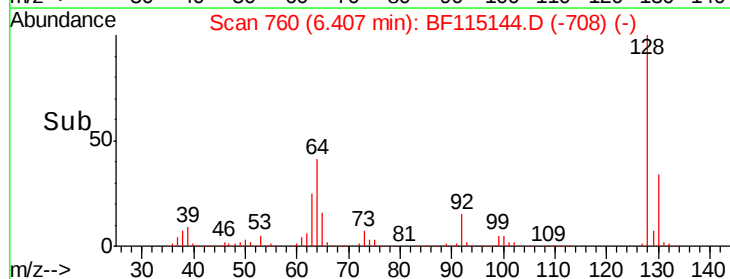
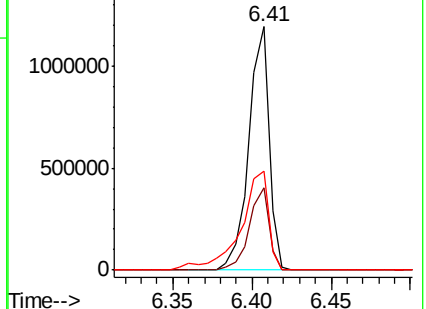
64 40.5 22.9 62.9

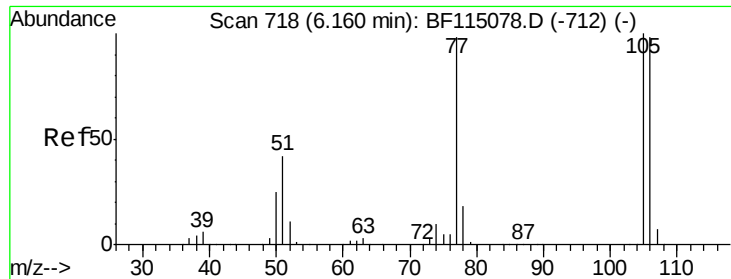


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.452 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

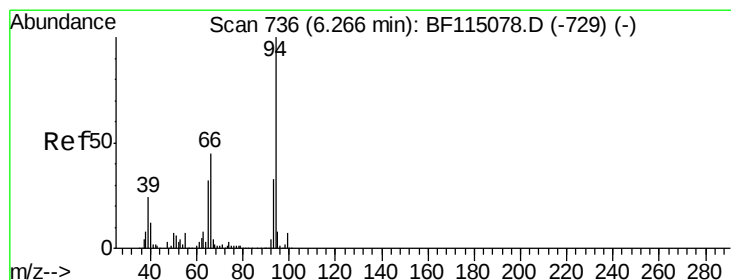
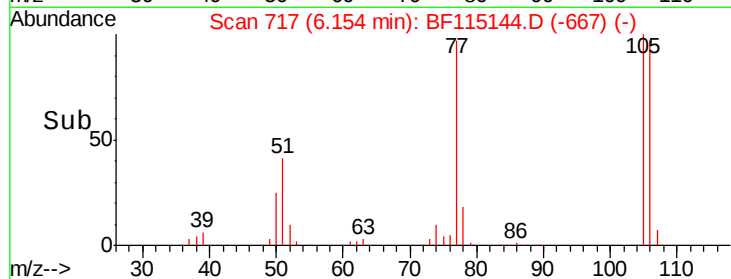
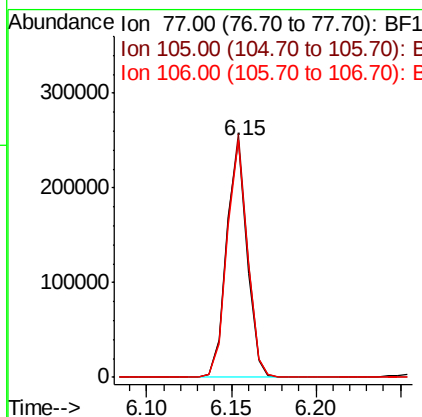
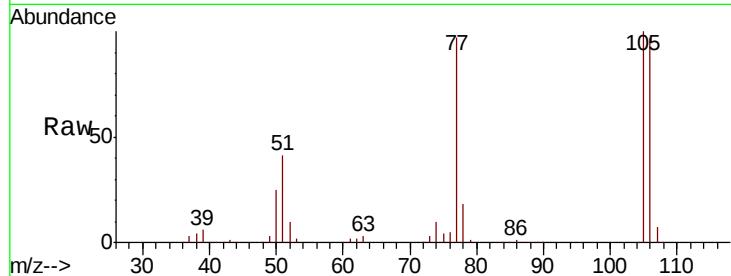
ClientSampleId :

PB120809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.8	81.5	121.5		
106	100.0	79.7	119.7		

Manual Integrations
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#10

Phenol

Concen: 36.537 ng

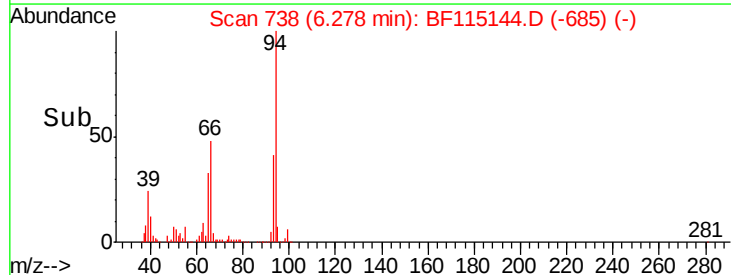
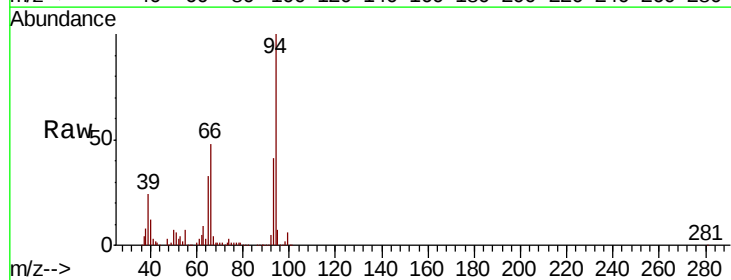
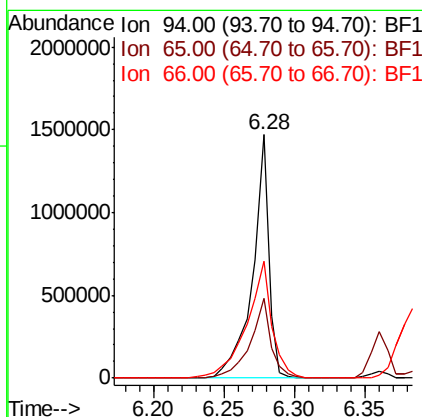
RT: 6.28 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	32.9	11.9	51.9		
66	47.8	25.2	65.2		





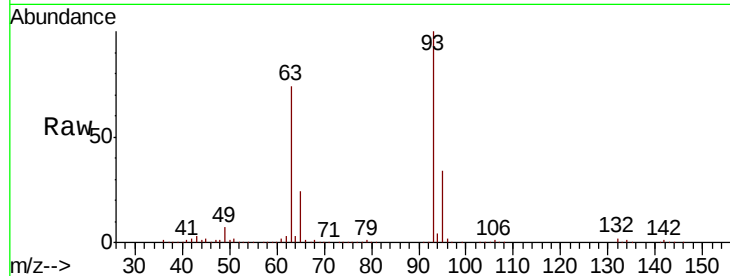
#11
bis(2-Chloroethyl)ether
Concen: 40.001 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	969889		
63	74.0		51.5	91.5
95	33.9		13.4	53.4

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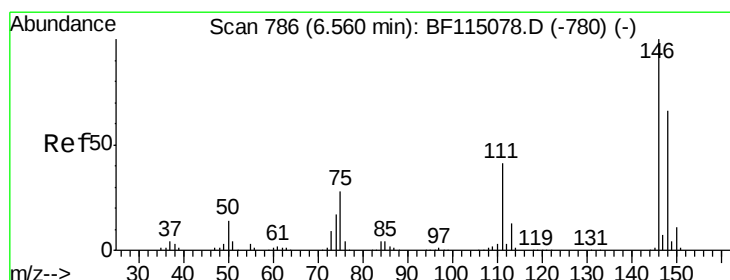
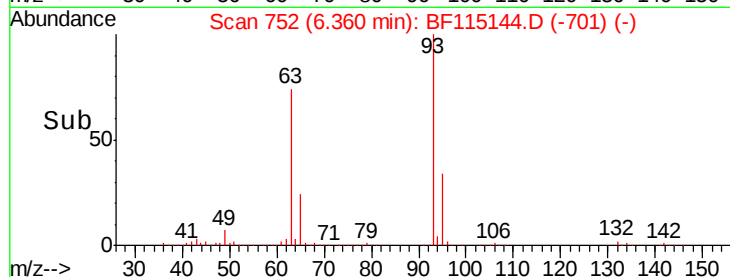
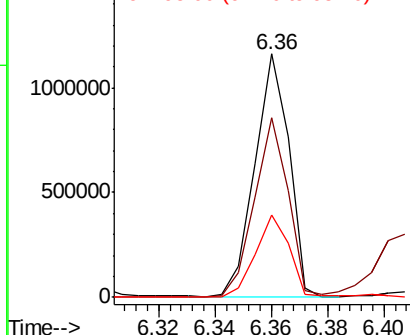


Abundance

Ion 93.00 (92.70 to 93.70): BF1

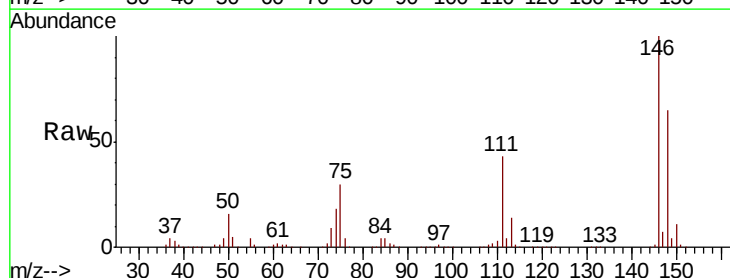
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 38.481 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1111021		
148	64.7		52.6	78.8
75	30.2		22.6	34.0

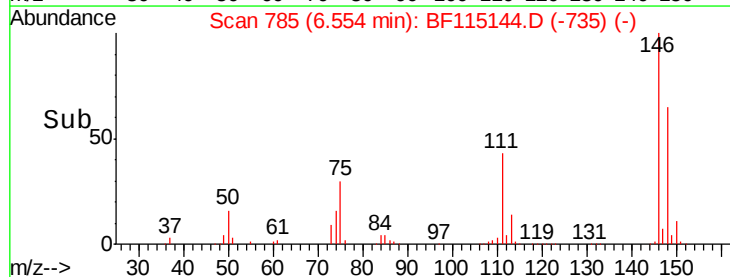
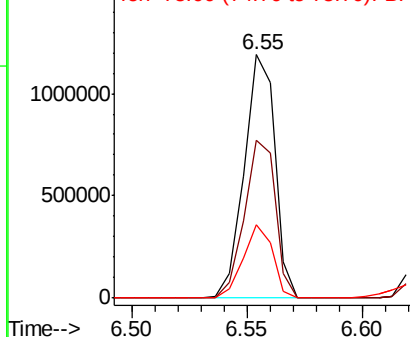


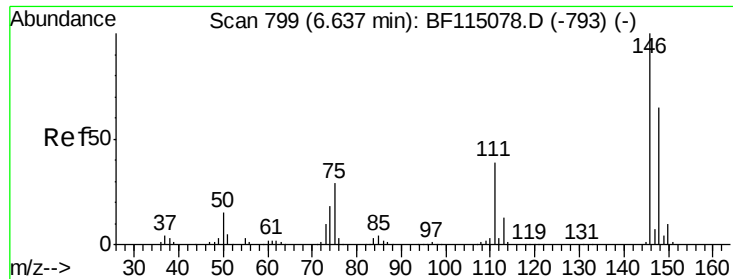
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





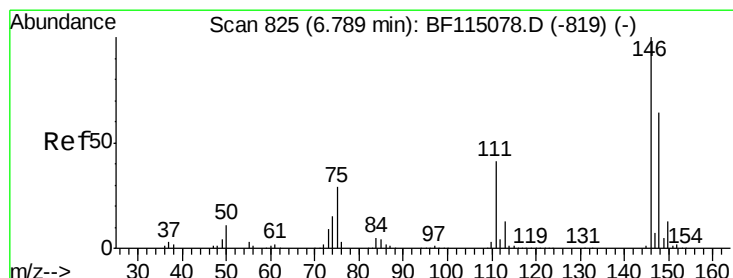
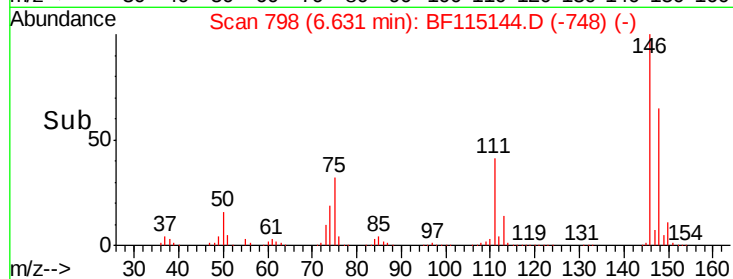
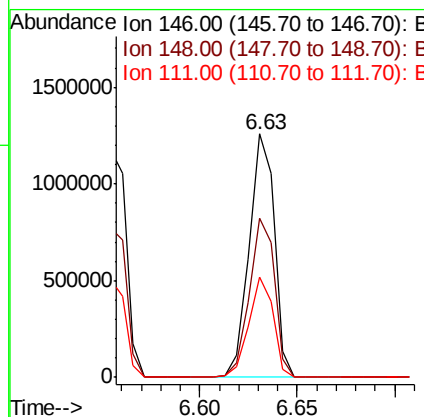
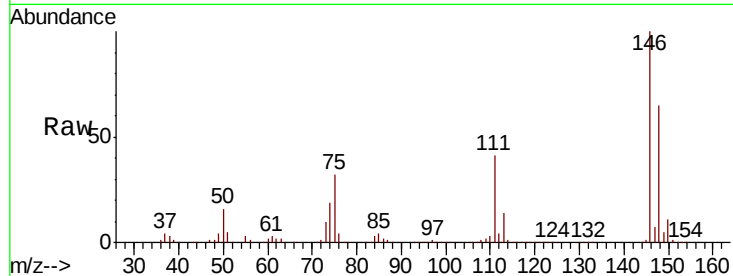
#13
 1,4-Dichlorobenzene
 Concen: 38.955 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampled :
 PB120809BS

Tot Ion:146 Resp: 1127809
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.9 77.9
 111 41.0 31.4 47.0

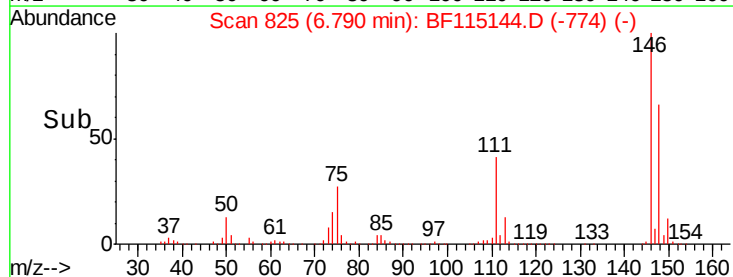
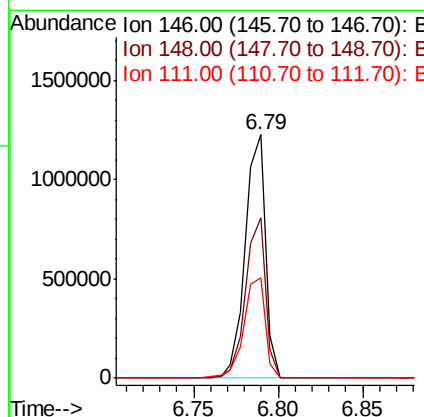
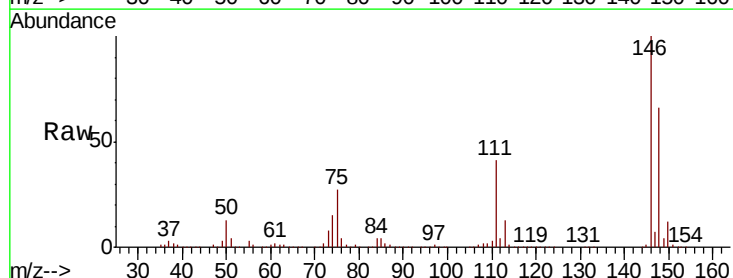
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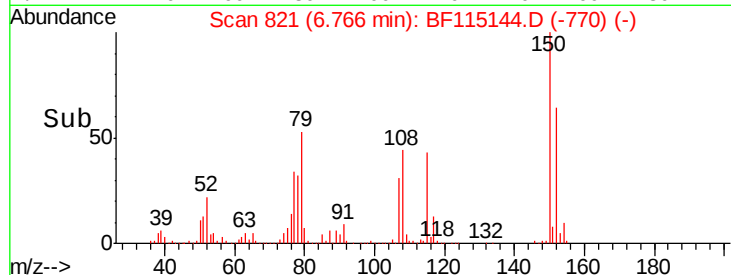
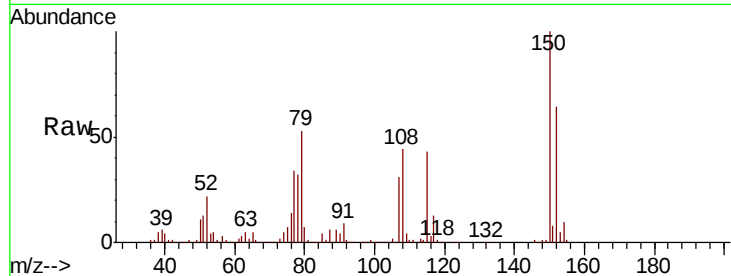
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#14
 1,2-Dichlorobenzene
 Concen: 38.433 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion:146 Resp: 1030418
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.1 76.7
 111 41.1 33.2 49.8





#15

Benzyl Alcohol

Concen: 39.648 ng

RT: 6.77 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Tot Ion:	79	Resp:	810707
Ion Ratio	Lower	Upper	
79	100		
108	82.0	68.7	103.1
77	64.2	51.7	77.5

Instrument :

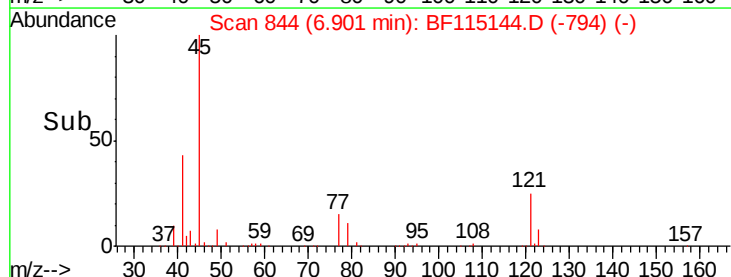
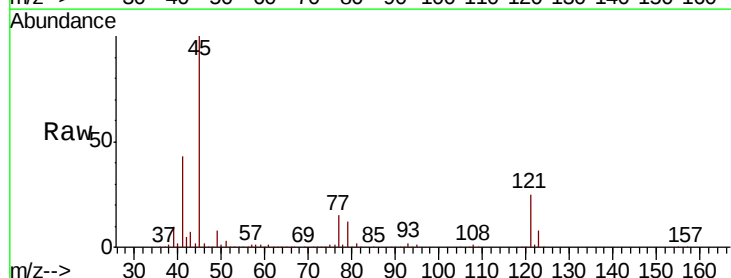
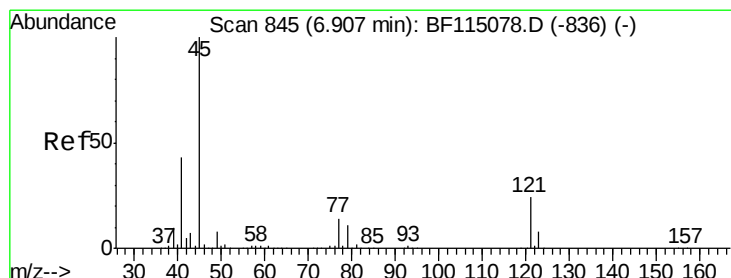
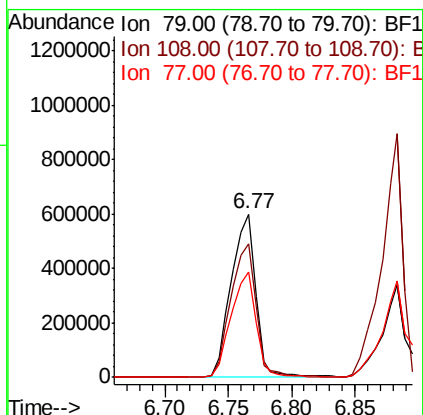
BNA_F

ClientSampled :

PB120809BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.026 ng

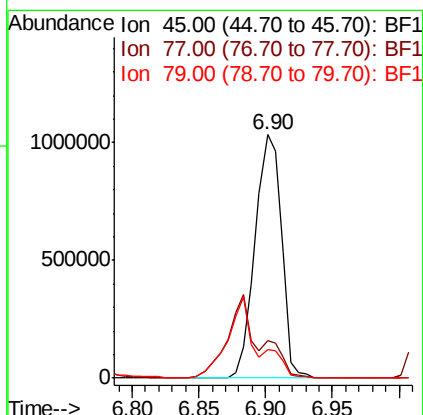
RT: 6.90 min Scan# 844

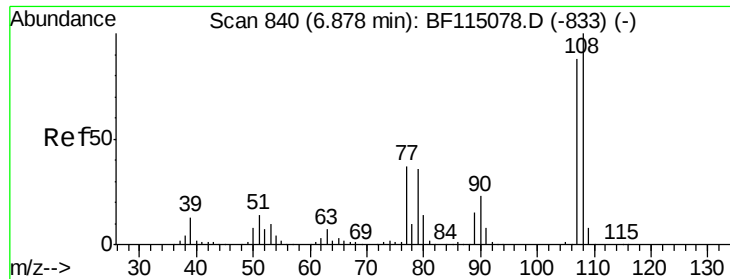
Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Tgt Ion:	45	Resp:	1407603
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	34.6
79	11.7	0.0	31.2





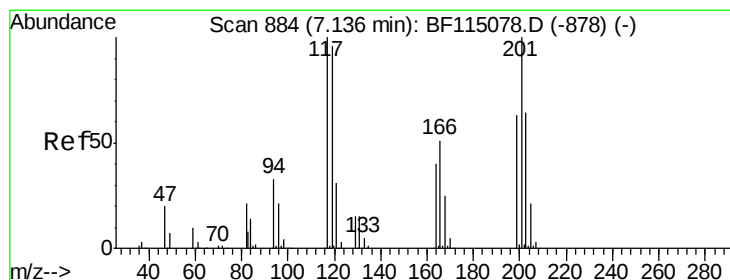
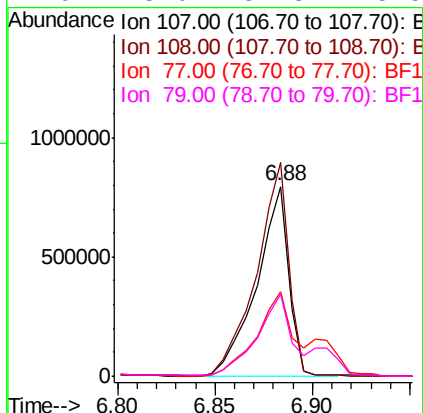
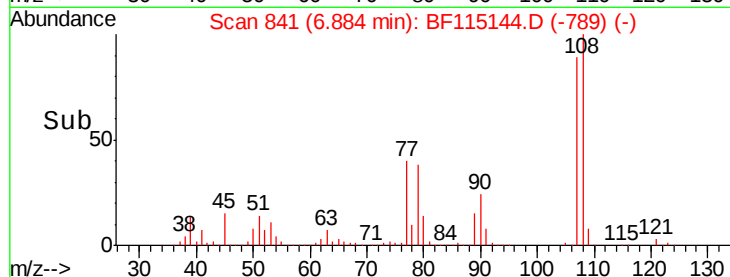
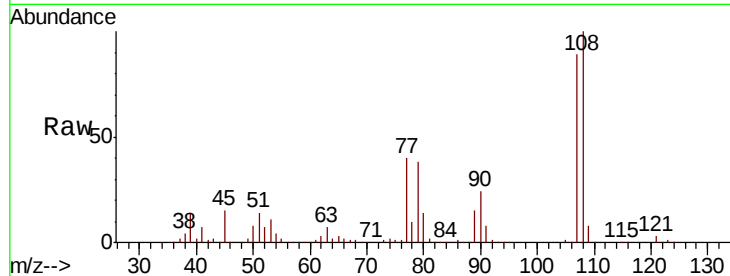
#17
2-Methylphenol
Concen: 41.979 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampled :
PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	901415		
108	112.5	90.9	136.3	
77	44.5	33.4	50.2	
79	43.0	32.3	48.5	

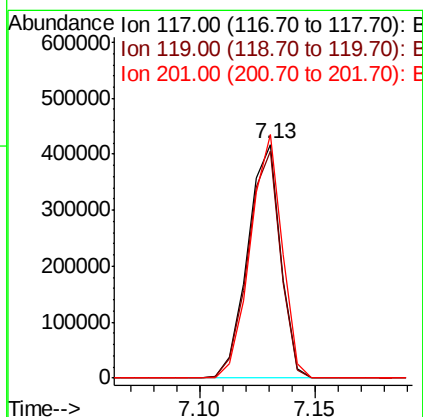
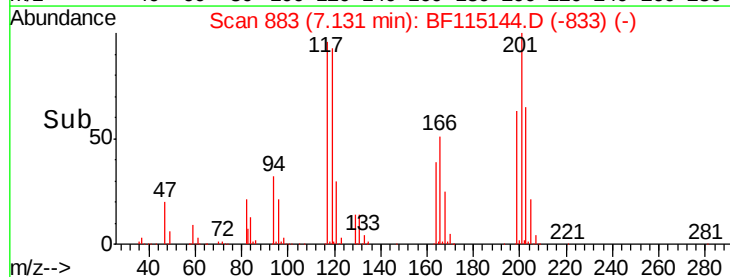
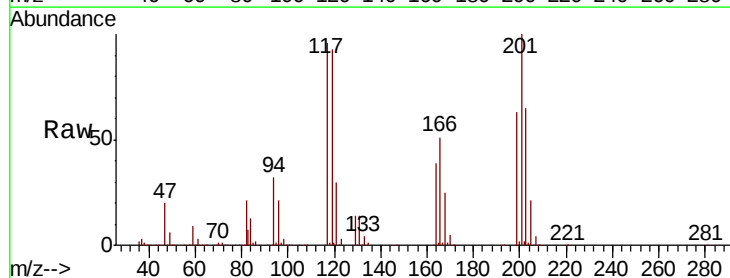
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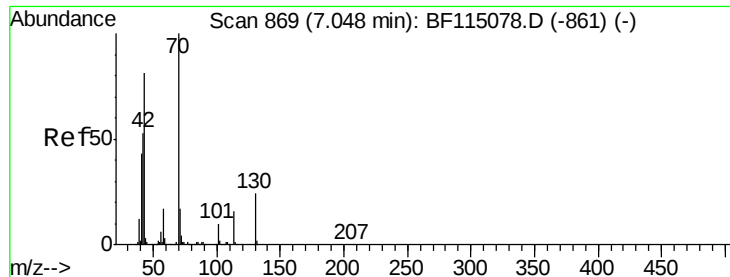
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#18
Hexachloroethane
Concen: 39.661 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	413962		
119	97.0	76.6	114.8	
201	104.1	80.2	120.2	





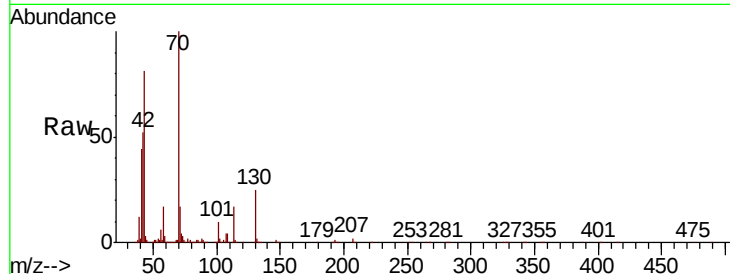
#19
n-Nitroso-di-n-propylamine
Concen: 39.158 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ion	Ratio	Lower	Upper
703985	70	100		
	42	52.4	42.6	63.8
	101	10.4	8.0	12.0
	130	25.5	19.4	29.0

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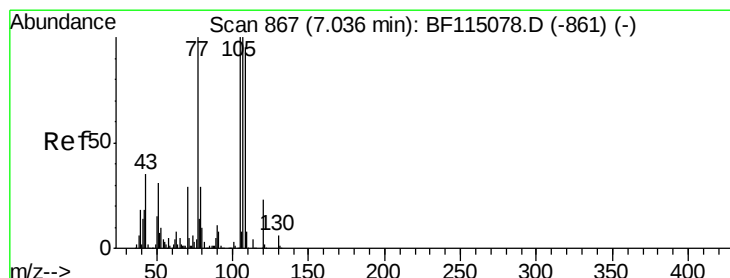
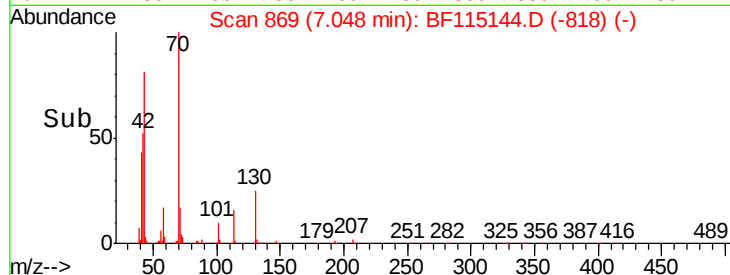
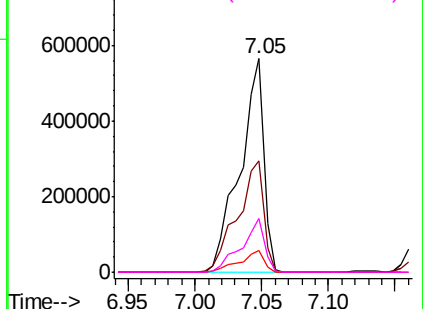
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.563 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
1005748	107	100		
	108	91.1	75.5	115.5
	77	77.5	80.2	120.2#
	79	28.7	9.5	49.5

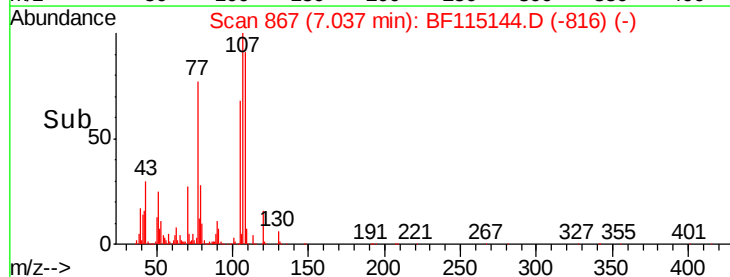
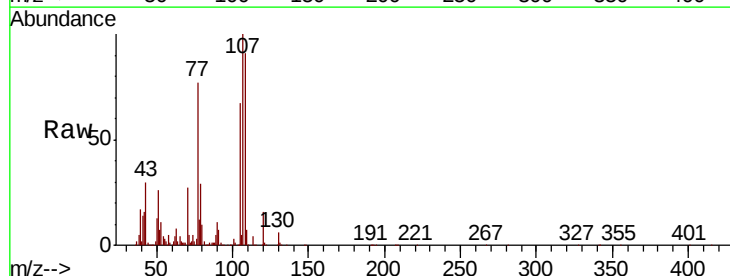
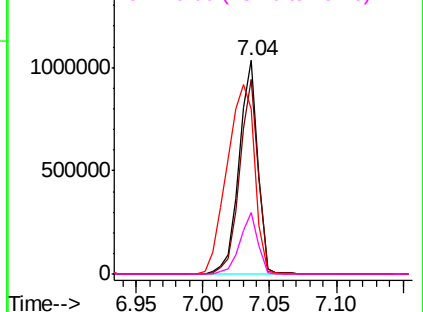
Abundance

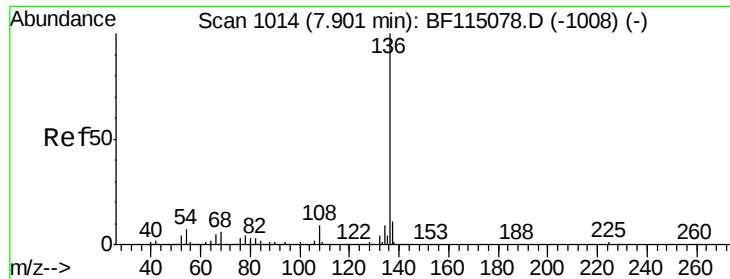
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





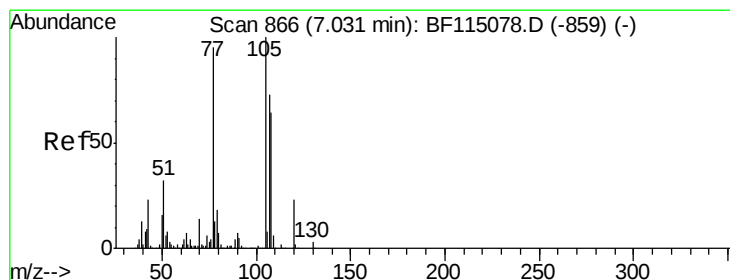
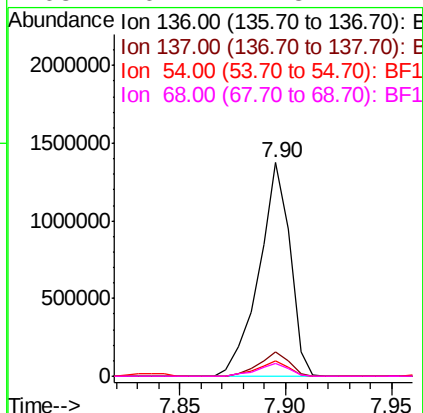
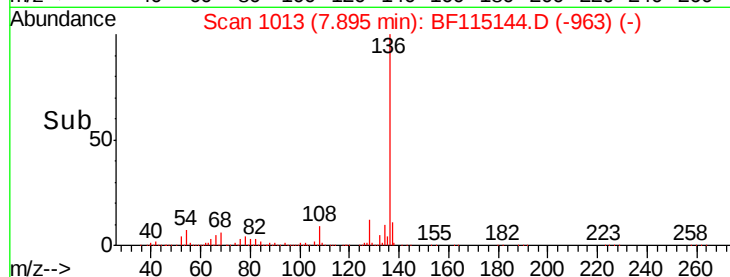
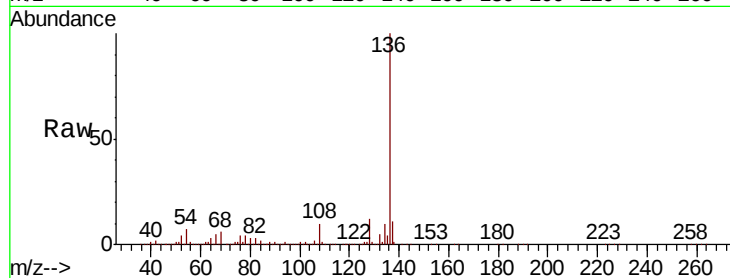
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	136	Resp	1405882
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.2	5.6	8.4
68	6.2	4.8	7.2

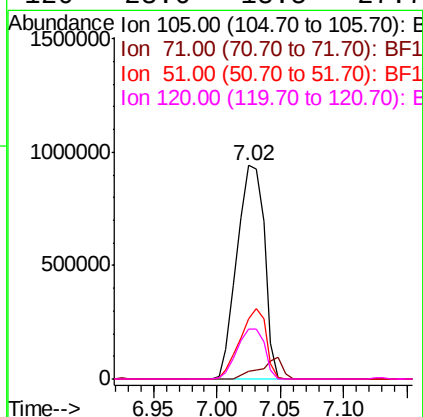
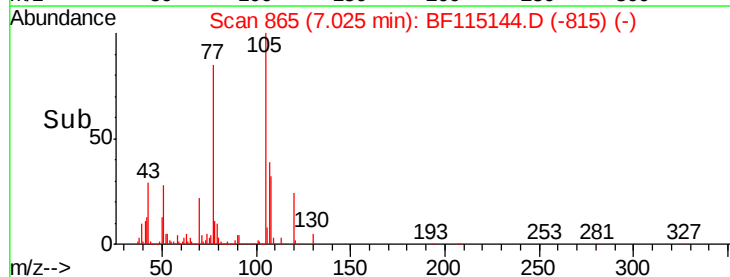
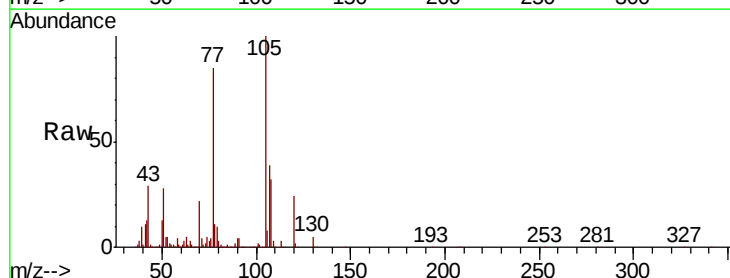
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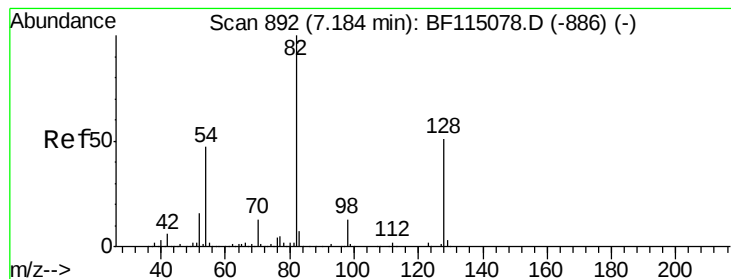
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#22
Acetophenone
Concen: 43.957 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	105	Resp	1414754
Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.9	2.9#
51	28.1	25.8	38.8
120	23.6	18.5	27.7





#23

Nitrobenzene-d5

Concen: 88.324 ng

RT: 7.18 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion: 82 Resp: 2018568

Ion Ratio Lower Upper

82 100

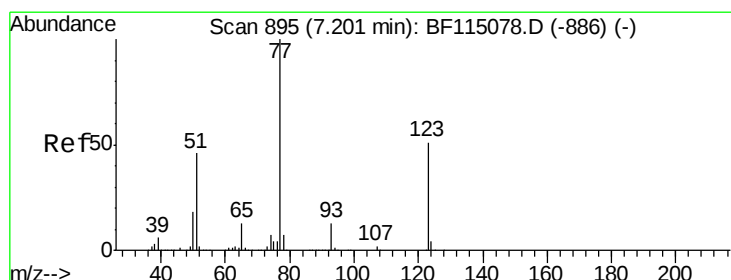
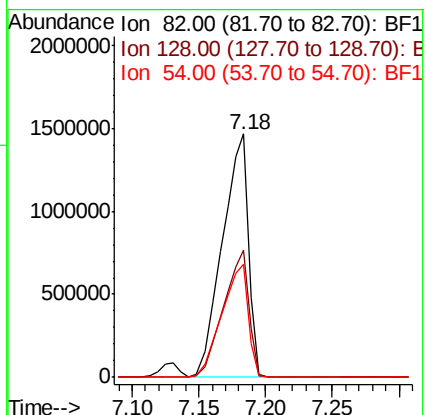
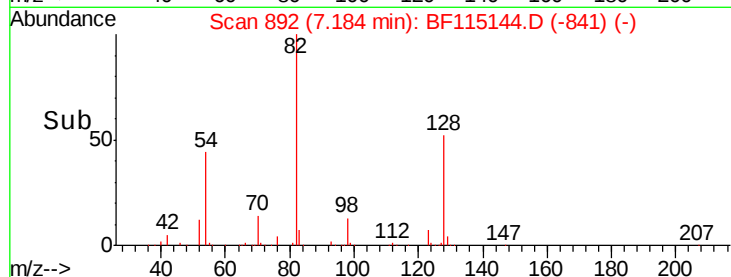
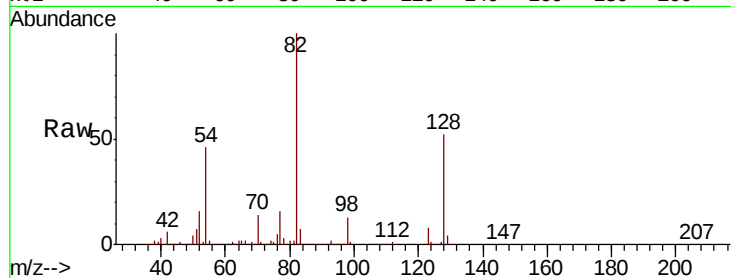
128 52.0 40.4 60.6

54 46.2 37.5 56.3

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#24

Nitrobenzene

Concen: 43.054 ng

RT: 7.20 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

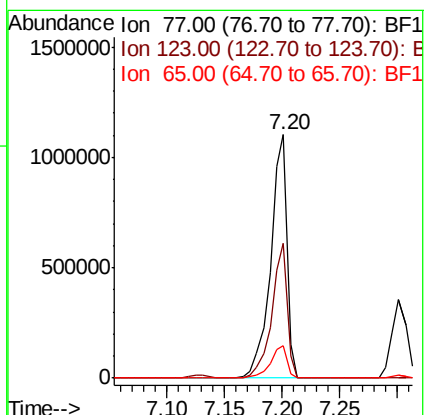
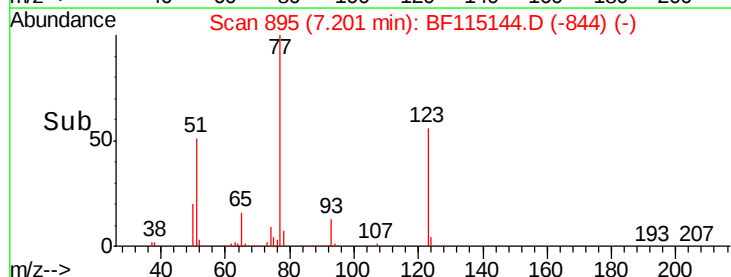
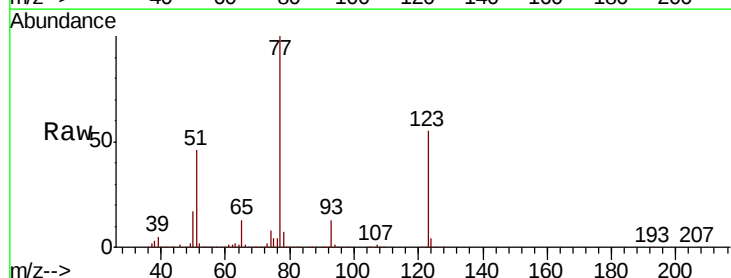
Tgt Ion: 77 Resp: 1084011

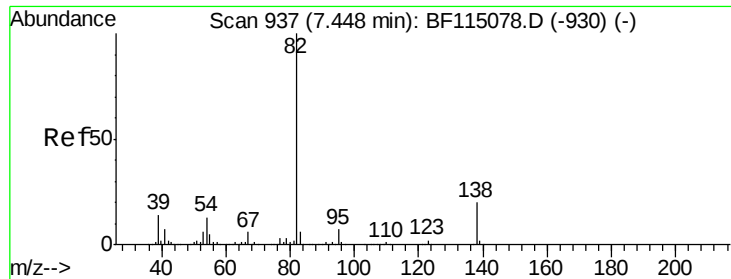
Ion Ratio Lower Upper

77 100

123 55.2 41.0 61.6

65 13.4 10.5 15.7





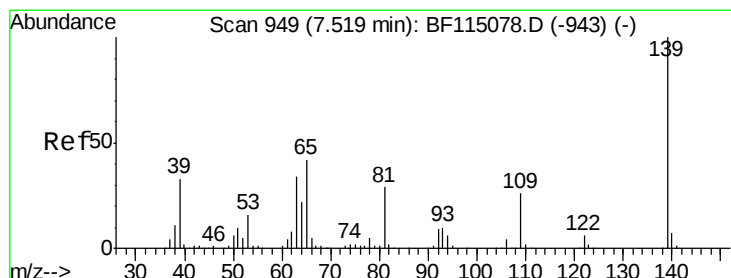
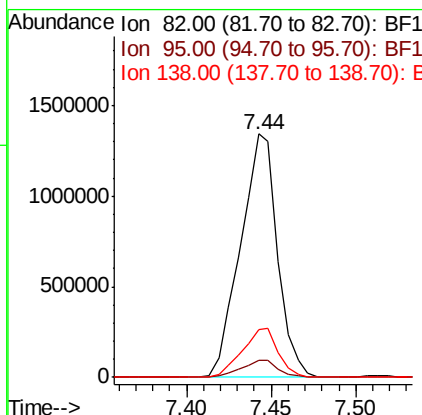
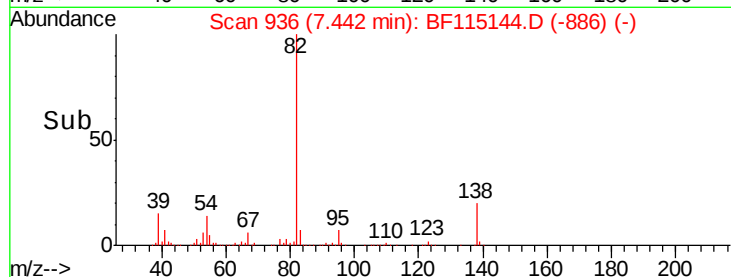
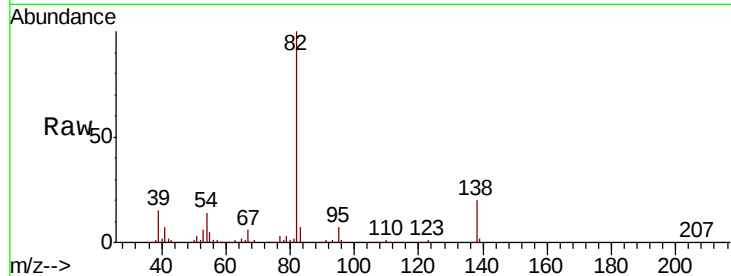
#25
Isophorone
Concen: 43.661 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion: 82 Resp: 2044103
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.8 15.9 23.9

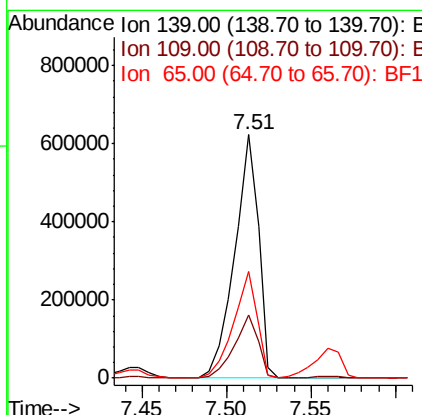
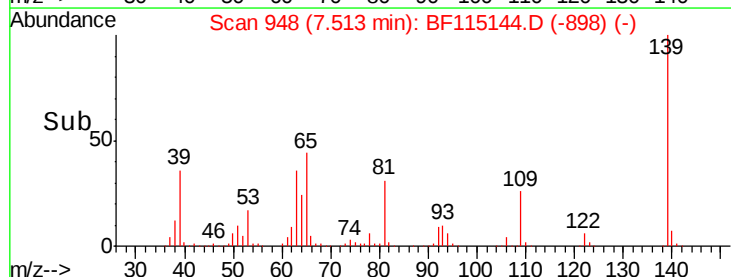
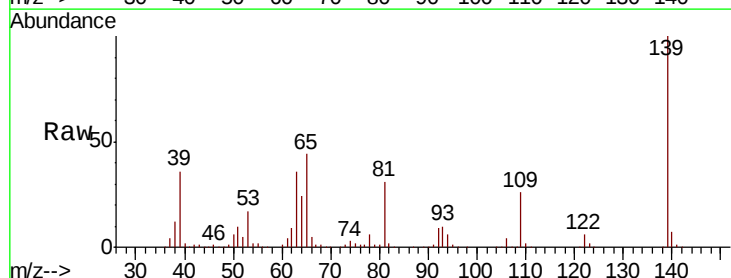
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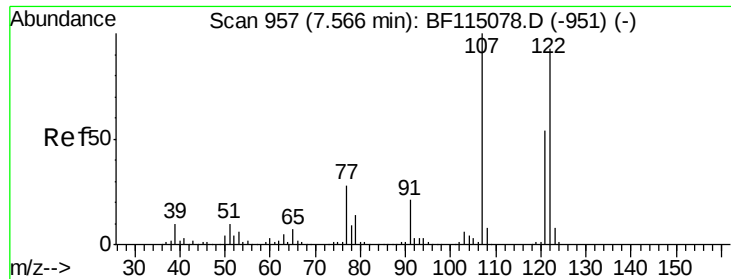
mohammad
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#26
2-Nitrophenol
Concen: 49.281 ng
RT: 7.51 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion: 139 Resp: 612758
Ion Ratio Lower Upper
139 100
109 25.9 20.4 30.6
65 43.9 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 49.118 ng

RT: 7.57 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

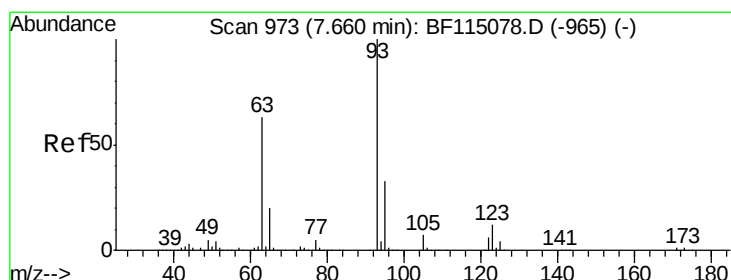
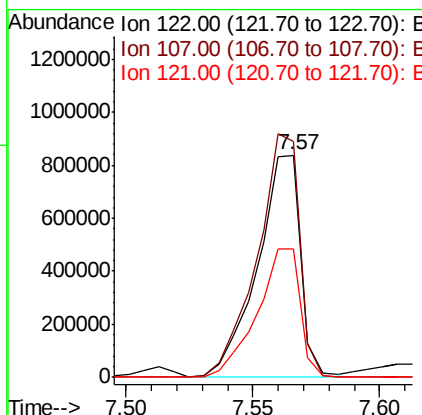
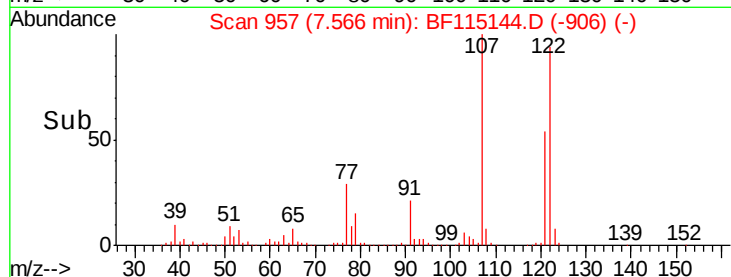
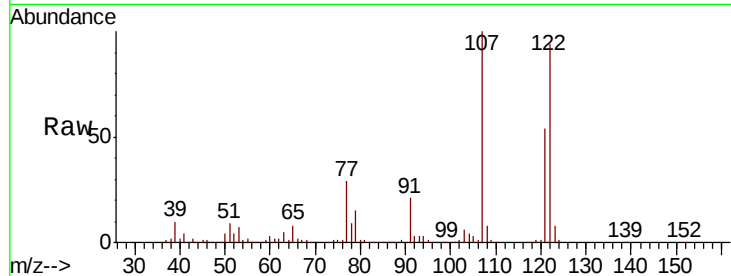
ClientSampleID :

PB120809BS

Tot Ion:	122	Resp:	999939
Ion Ratio	Lower	Upper	
122	100		
107	106.2	85.8	128.6
121	57.6	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 42.648 ng

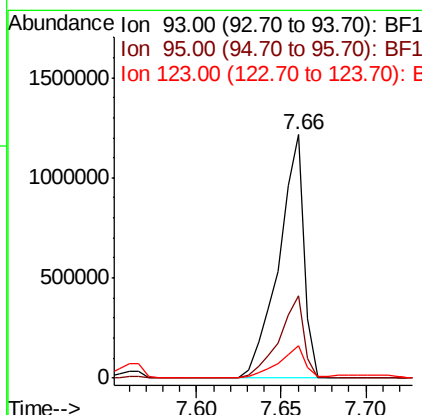
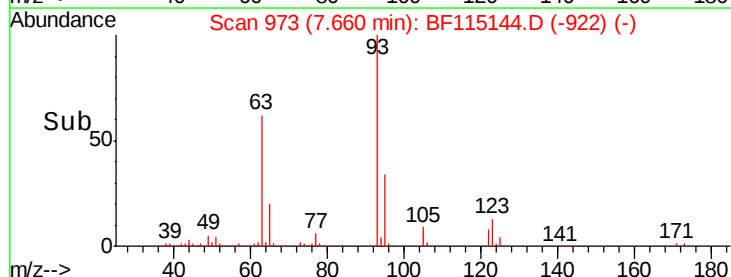
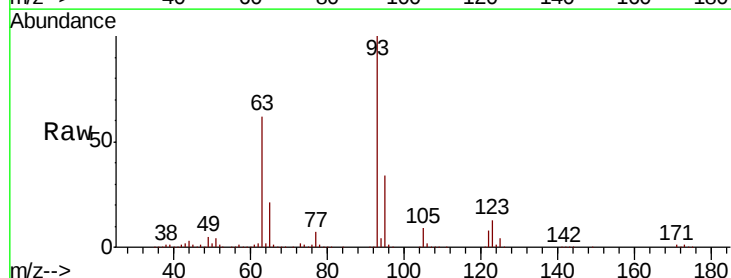
RT: 7.66 min Scan# 973

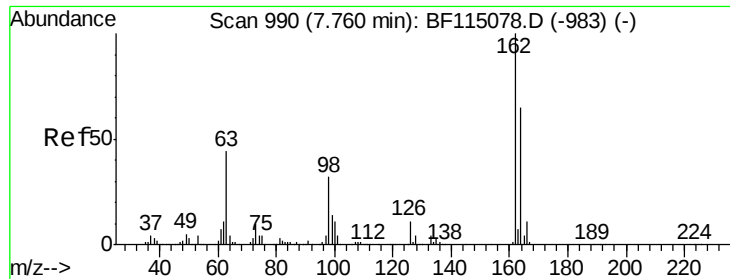
Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Tgt Ion:	93	Resp:	1262003
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.2	39.4
123	13.2	9.7	14.5





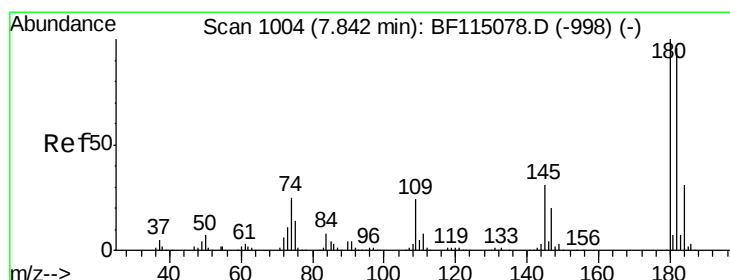
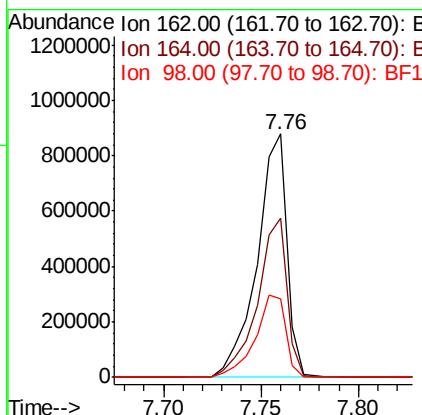
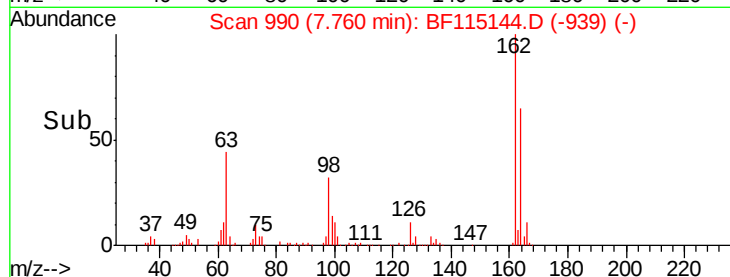
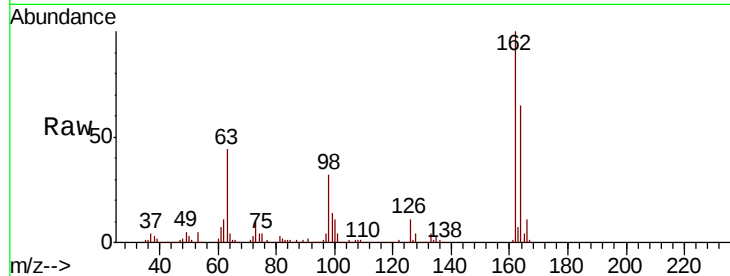
#29
2,4-Dichlorophenol
Concen: 44.515 ng
RT: 7.76 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.3	45.3	85.3
98	32.3	12.5	52.5

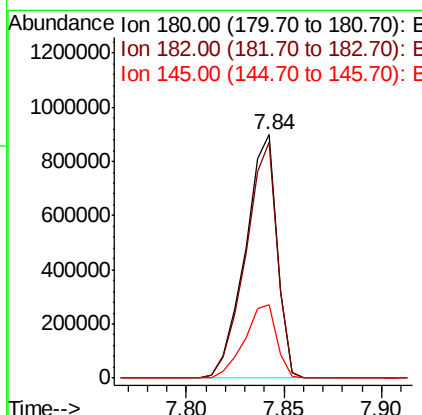
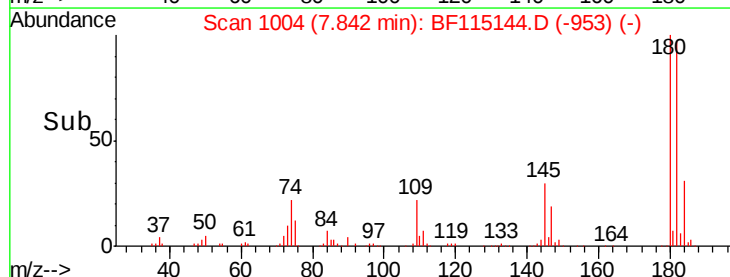
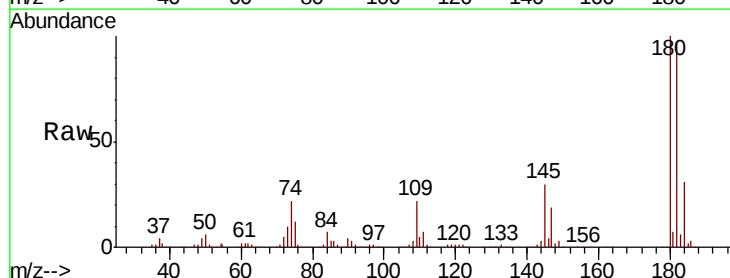
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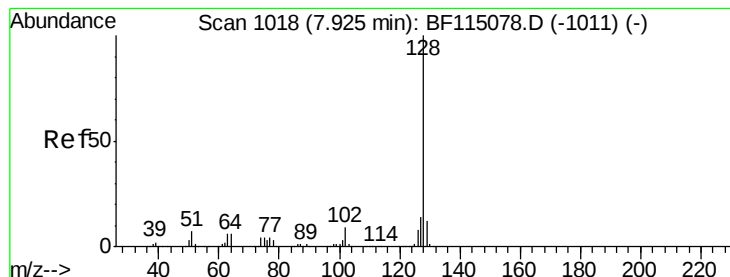
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#30
1,2,4-Trichlorobenzene
Concen: 43.624 ng
RT: 7.84 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.7	76.4	114.6
145	30.3	24.8	37.2





#31

Naphthalene

Concen: 42.363 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion:128 Resp: 2923531

Ion Ratio Lower Upper

128 100

129 12.7 9.6 14.4

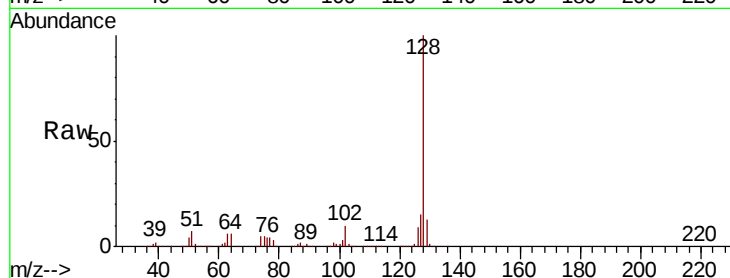
127 15.0 11.4 17.0

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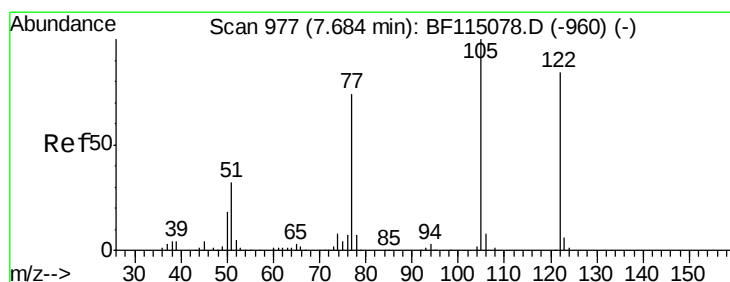
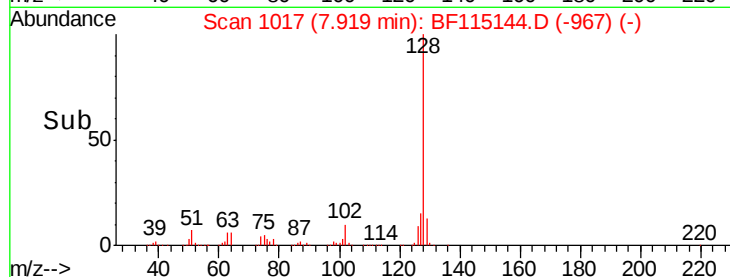
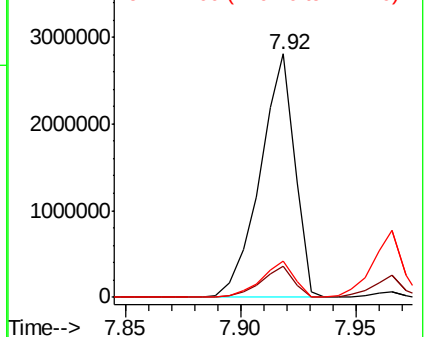
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.025 ng

RT: 7.71 min Scan# 982

Delta R.T. 0.03 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

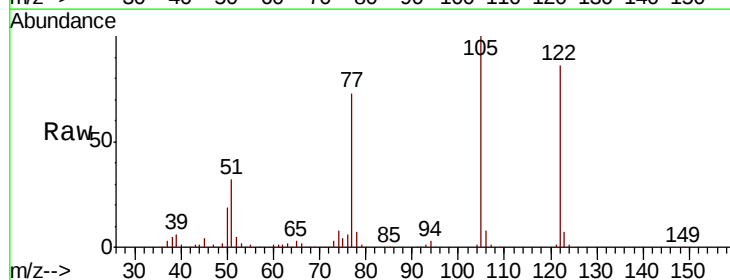
Tgt Ion:122 Resp: 814149

Ion Ratio Lower Upper

122 100

105 116.2 98.2 138.2

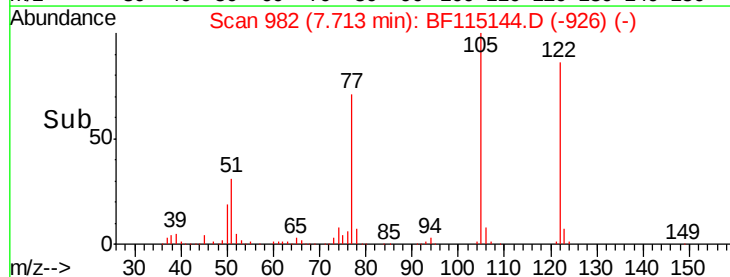
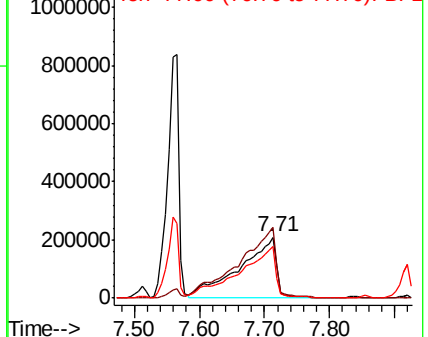
77 84.7 67.0 107.0



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





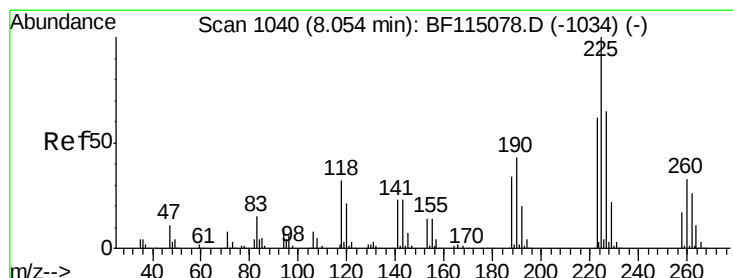
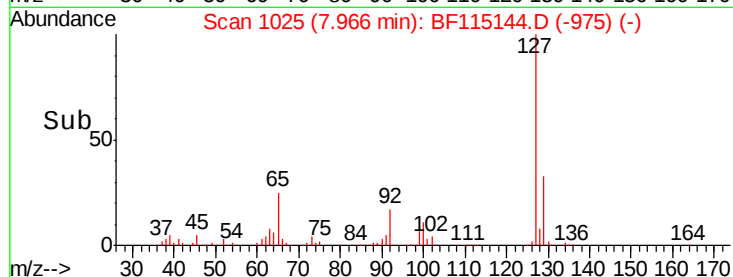
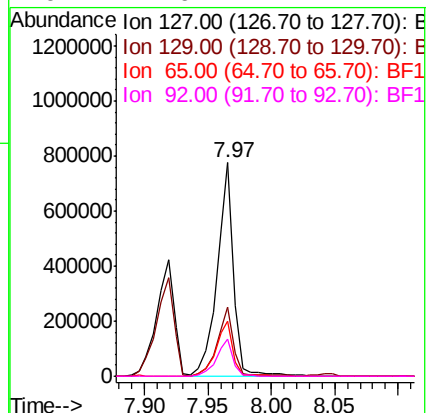
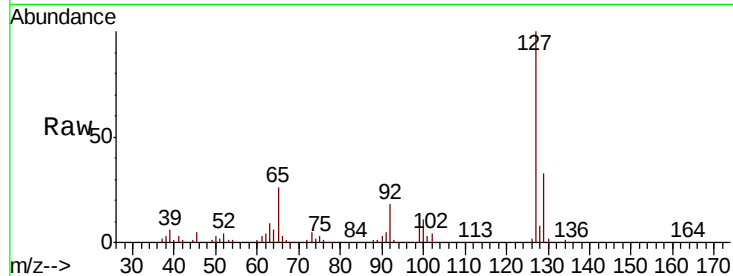
#33
4-Chloroaniline
Concen: 22.531 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5		26.1	39.1	
65	25.9		21.4	32.2	
92	17.6		14.1	21.1	

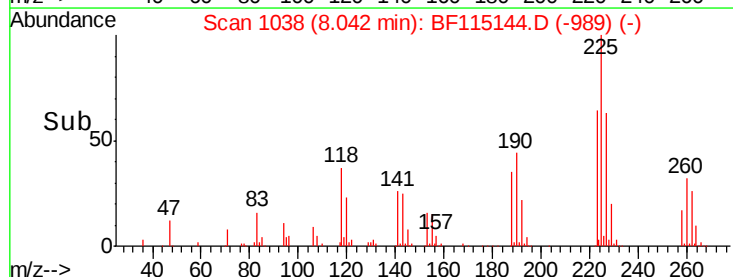
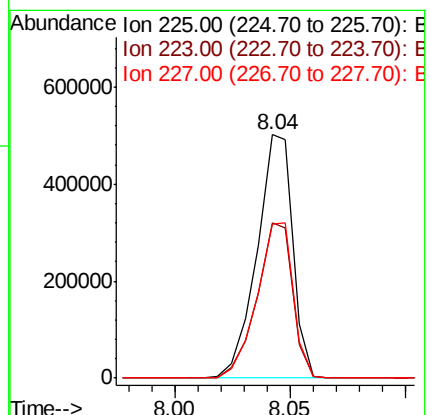
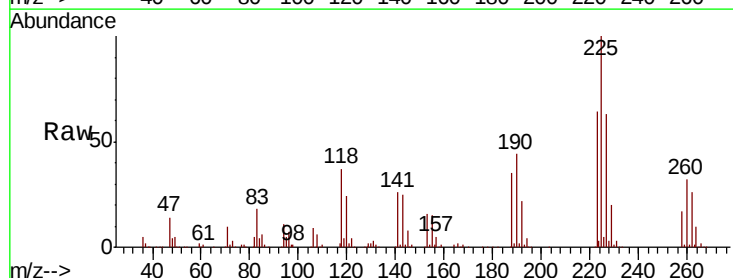
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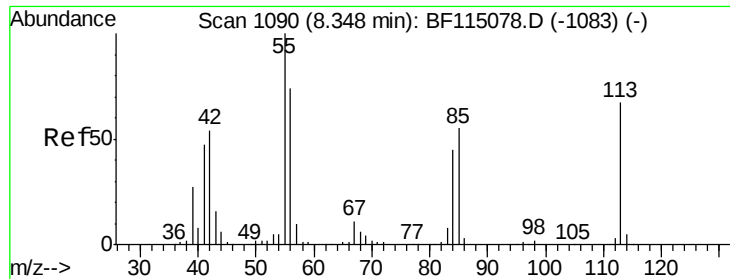
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#34
Hexachlorobutadiene
Concen: 42.712 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0		49.4	74.2	
227	63.3		51.8	77.8	





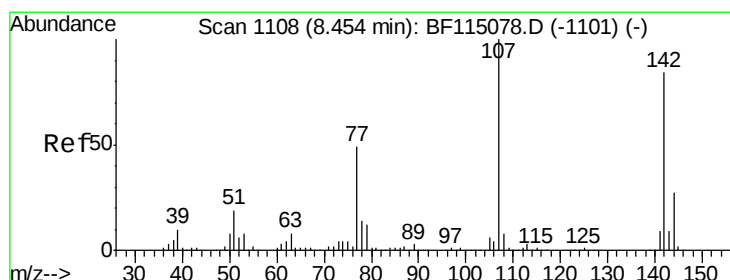
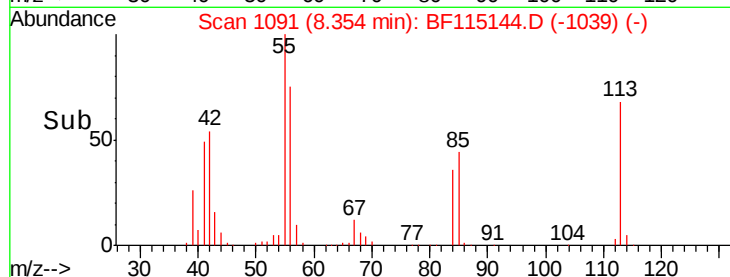
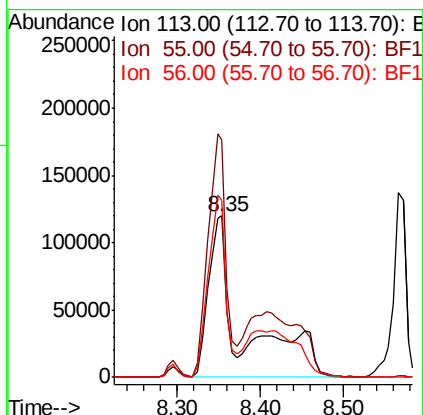
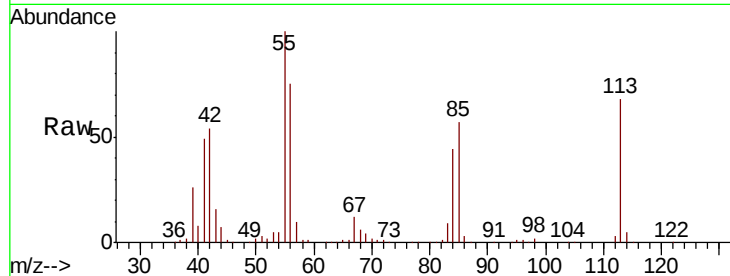
#35
Caprolactam
Concen: 47.831 ng/ml
RT: 8.35 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.5	130.2	170.2
56	110.3	91.6	131.6

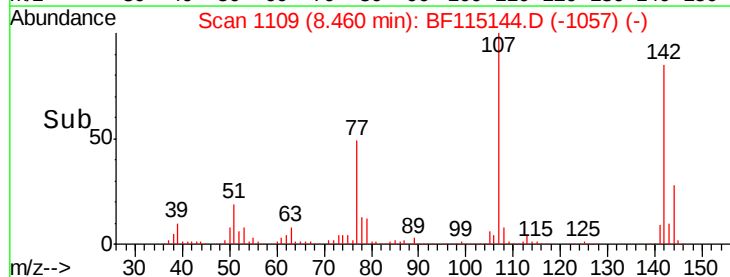
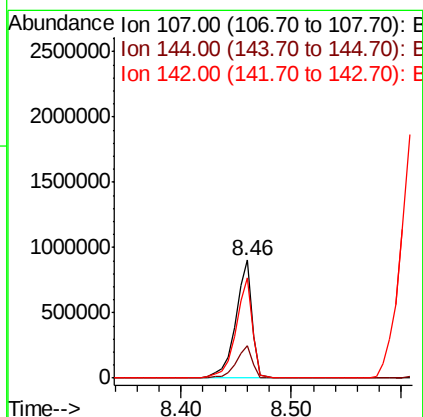
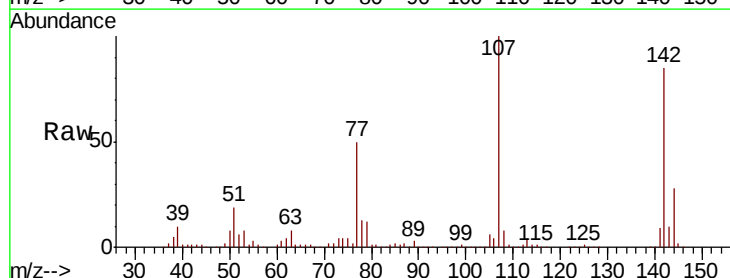
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#36
4-Chloro-3-methylphenol
Concen: 44.144 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	21.7	32.5
142	85.2	67.0	100.4





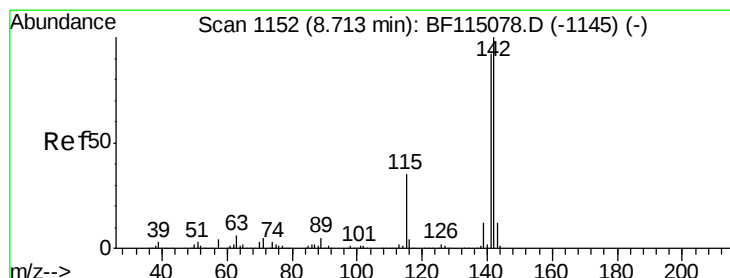
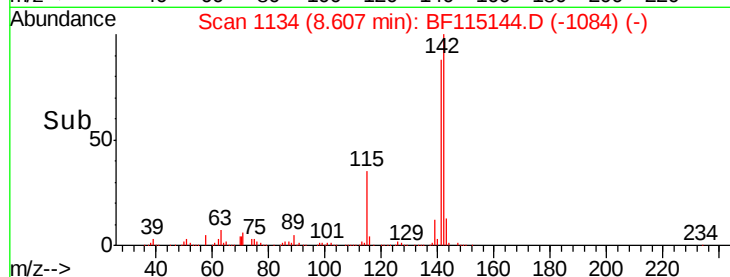
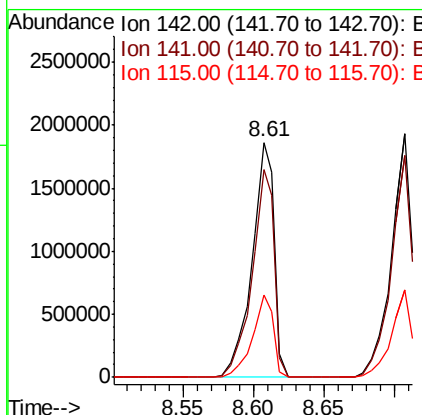
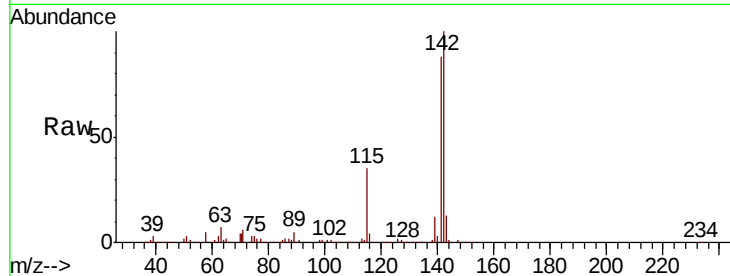
#37
2-Methylnaphthalene
Concen: 44.090 ng
RT: 8.61 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleID :
PB120809BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.6
115	35.2	26.7	40.1

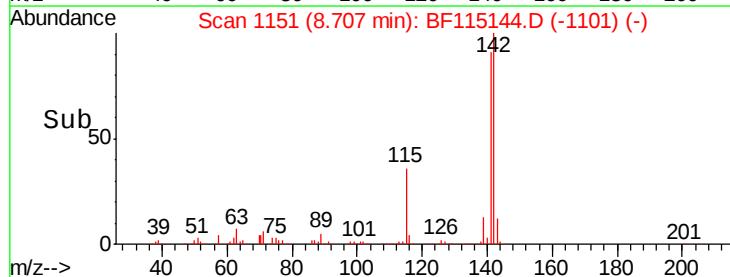
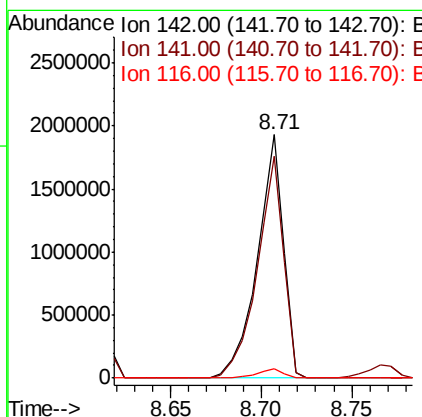
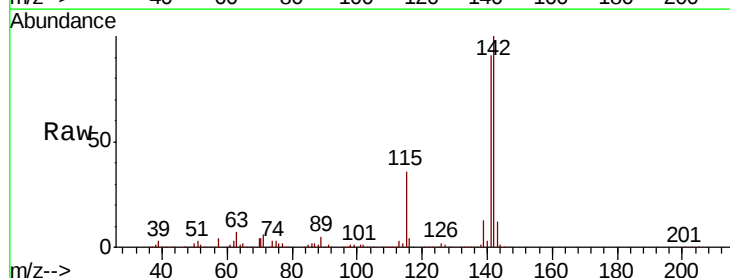
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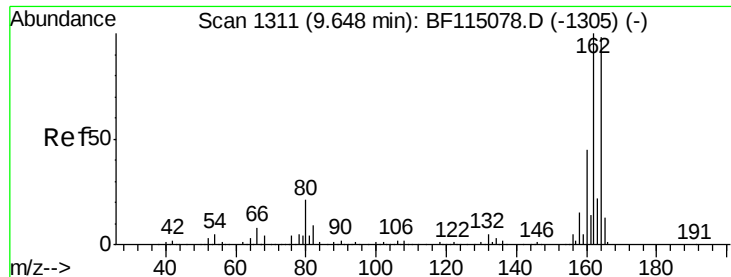
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#38
1-Methylnaphthalene
Concen: 43.445 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.9	2.8	4.2





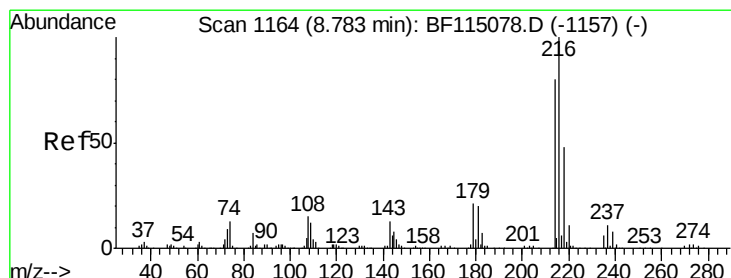
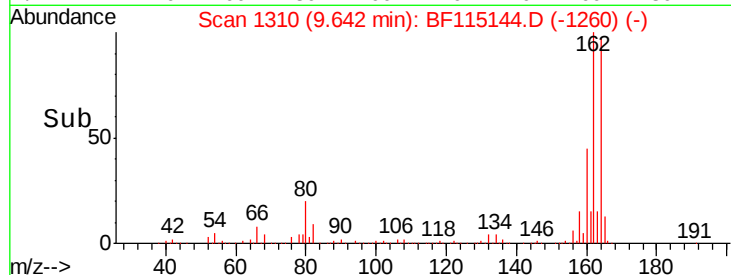
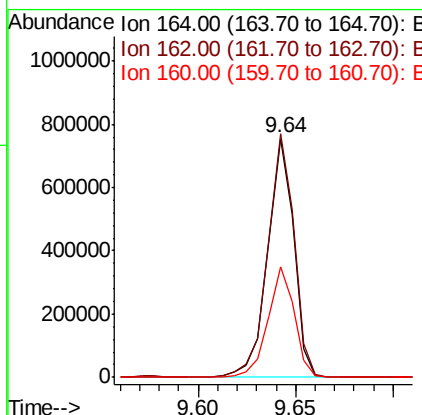
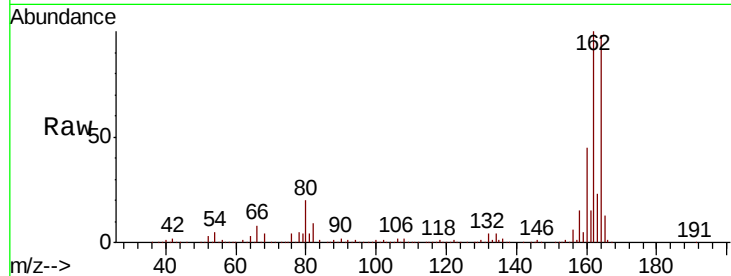
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.7	122.5
160	46.1	37.0	55.4

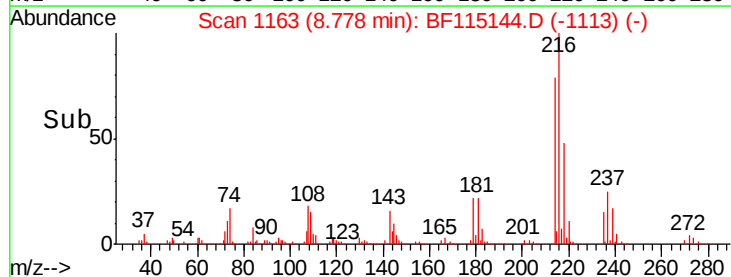
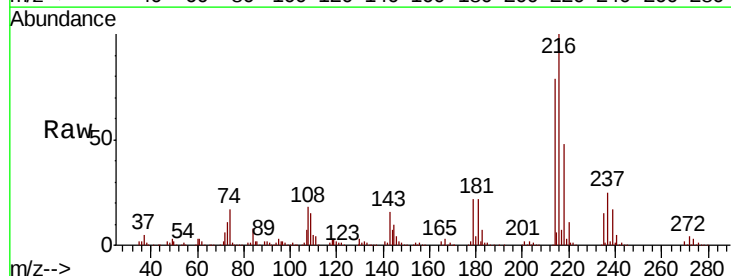
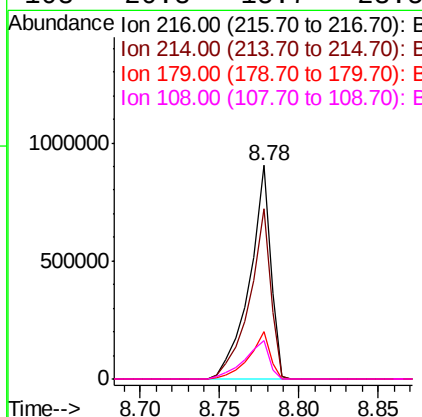
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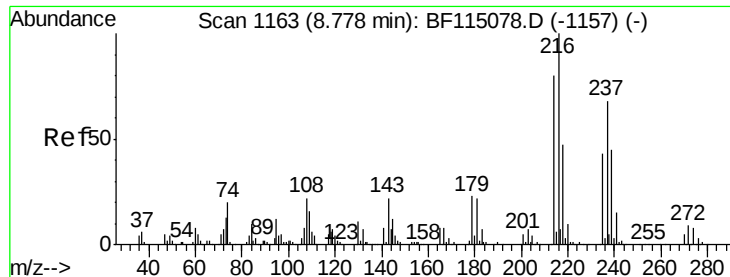
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.453 ng
 RT: 8.78 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	21.9	17.6	26.4
108	20.8	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 79.347 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

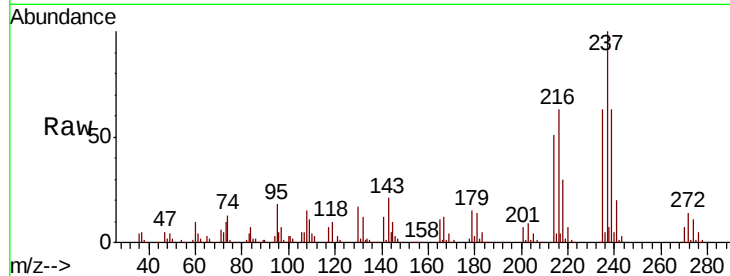
ClientSampleId :

PB120809BS

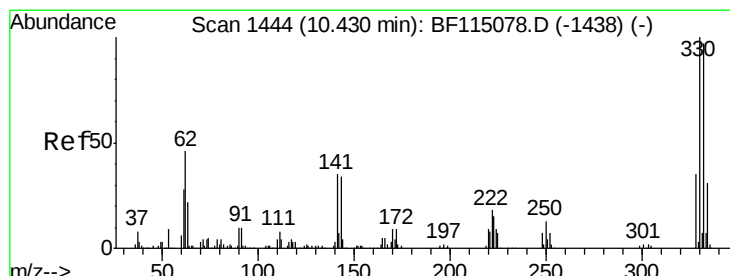
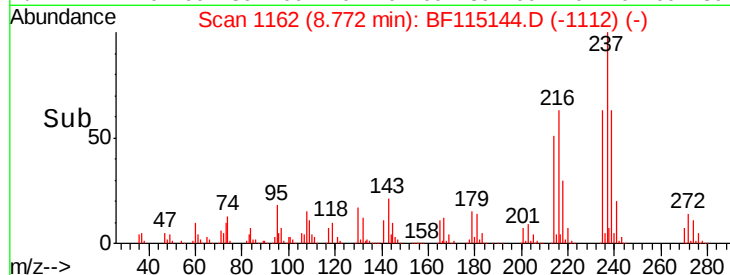
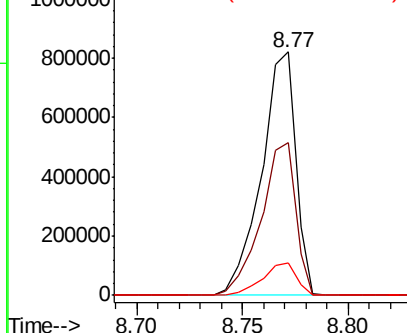
Tot Ion:	237	Resp:	931545
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.9	83.9
272	13.6	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 122.438 ng

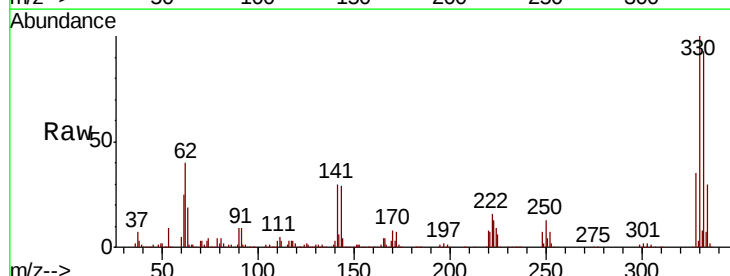
RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

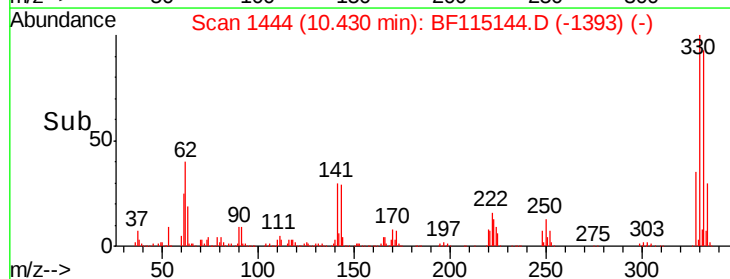
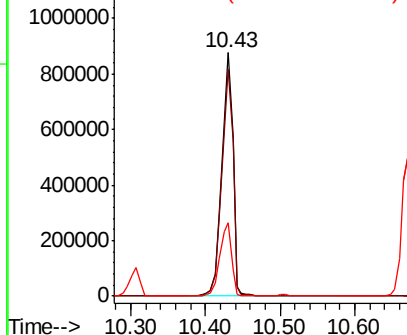
Lab File: BF115144.D

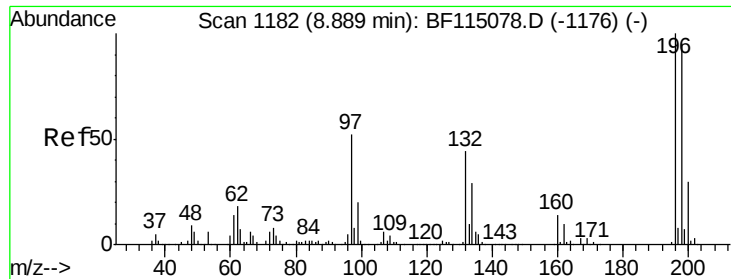
Acq: 24 Jun 2019 12:31

Tgt Ion:	330	Resp:	904634
Ion Ratio		Lower	Upper
330	100		
332	94.8	77.3	115.9
141	31.3	28.2	42.2



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





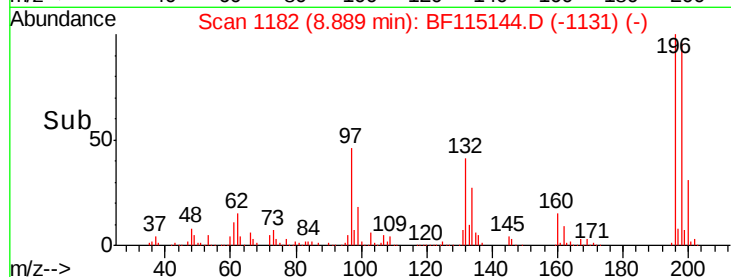
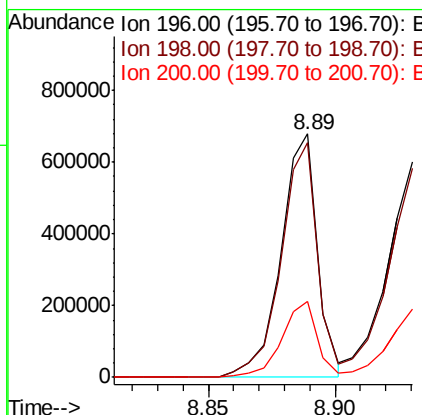
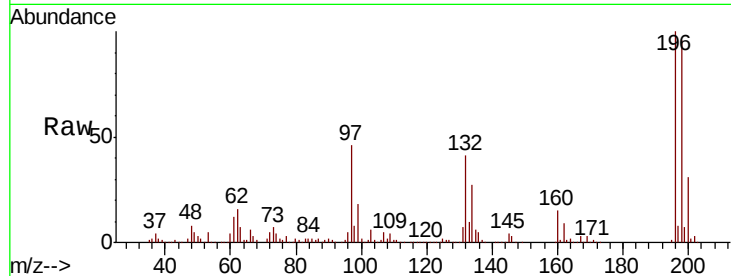
#43
 2,4,6-Trichlorophenol
 Concen: 44.822 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	685118		
198	96.3	76.3	114.5	
200	31.0	24.2	36.4	

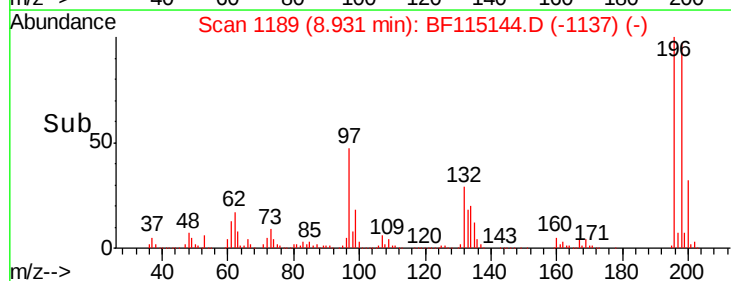
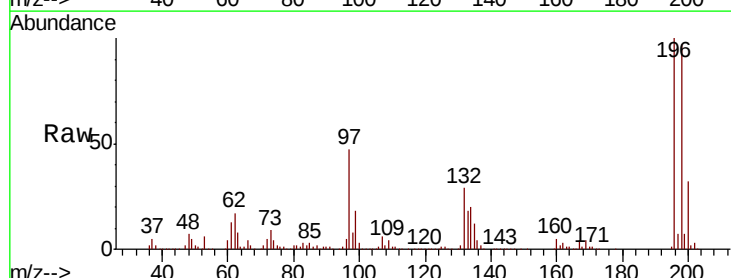
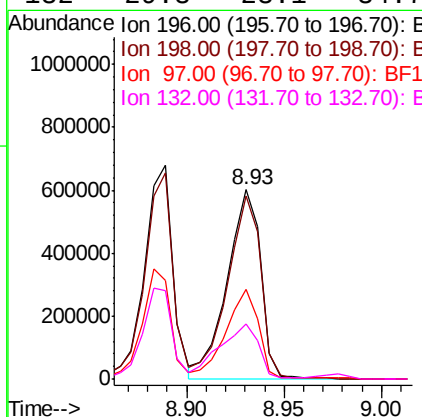
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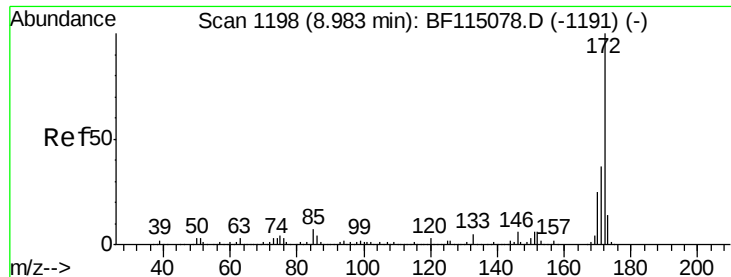
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.533 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	716747		
198	96.9	77.1	115.7	
97	47.4	37.7	56.5	
132	29.3	23.1	34.7	





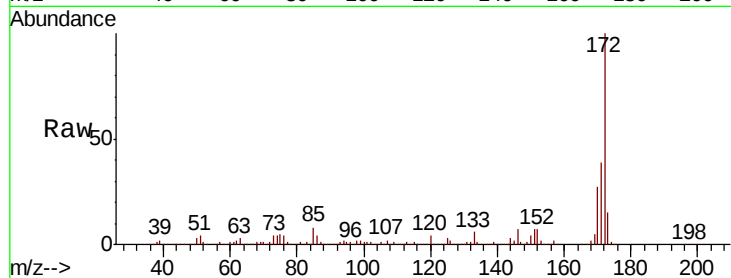
#45
2-Fluorobiphenyl
Concen: 85.895 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.8	44.6
170	26.8	20.3	30.5

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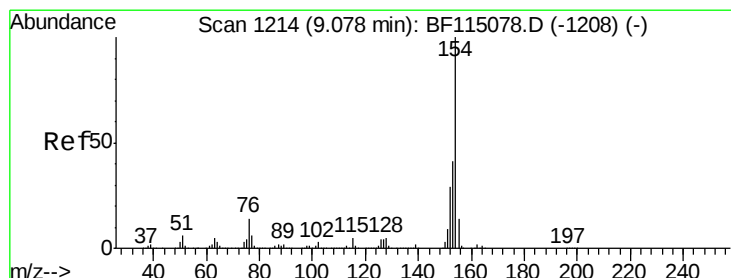
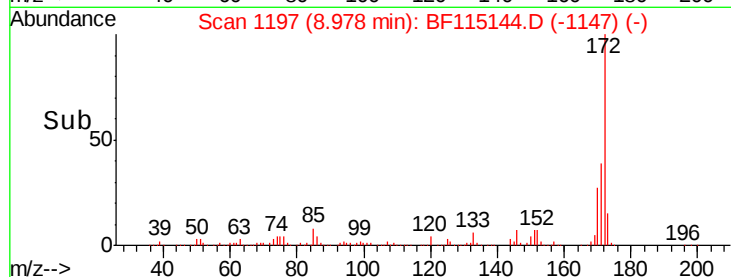
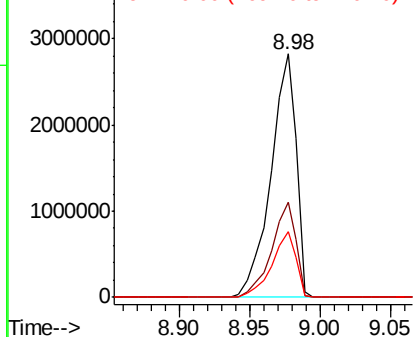


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 41.455 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

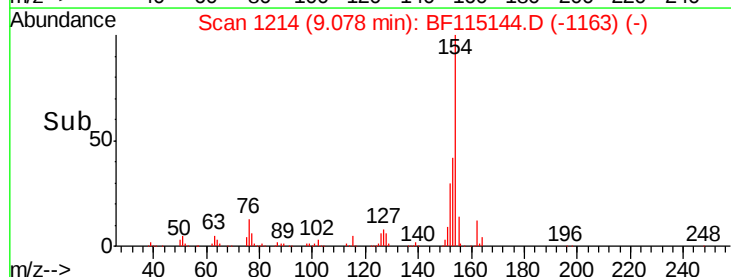
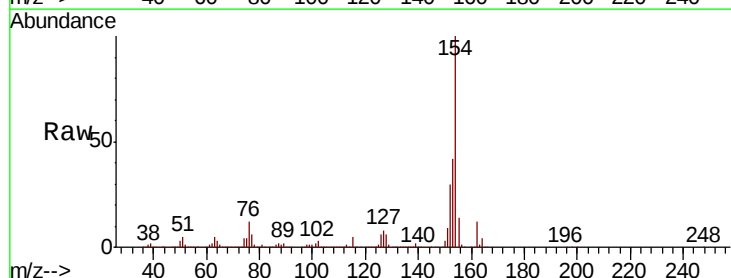
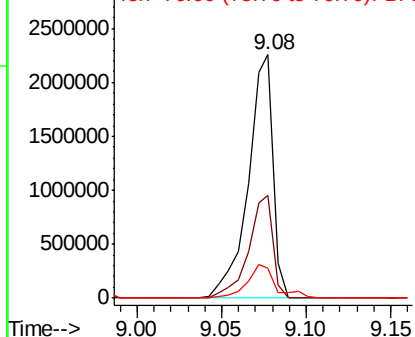
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	20.9	60.9
76	12.5	0.0	34.1

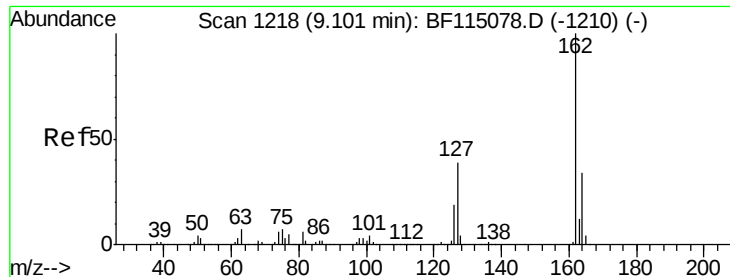
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





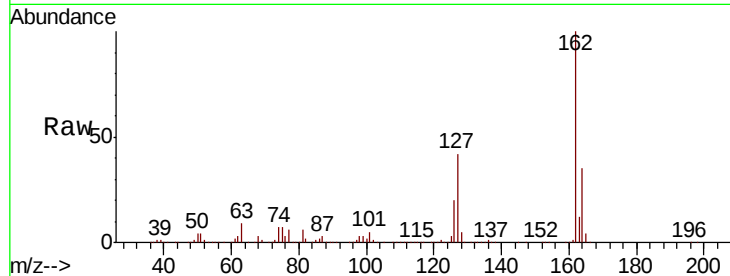
#47
 2-Chloronaphthalene
 Concen: 41.490 ng
 RT: 9.10 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

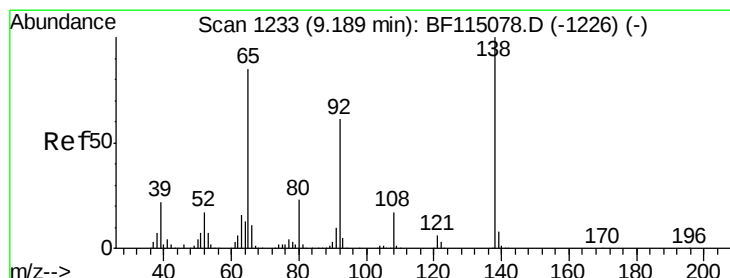
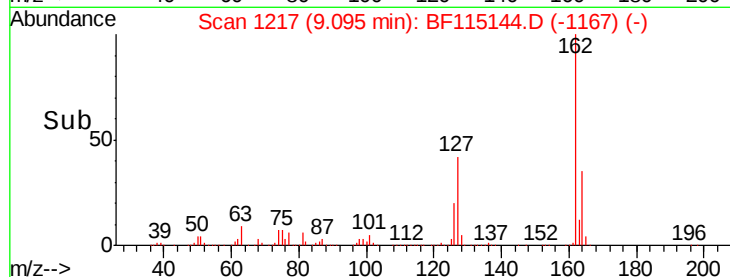
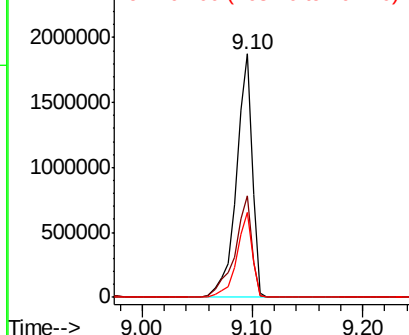
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.8	46.2
164	34.7	27.0	40.4

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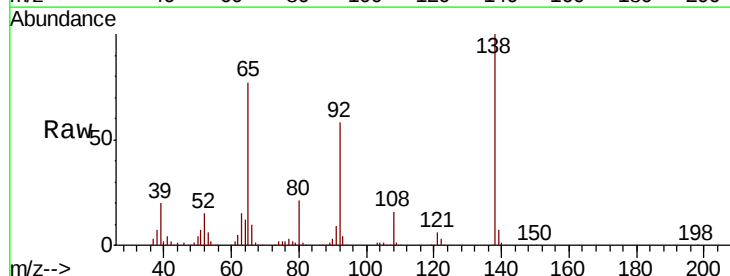


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

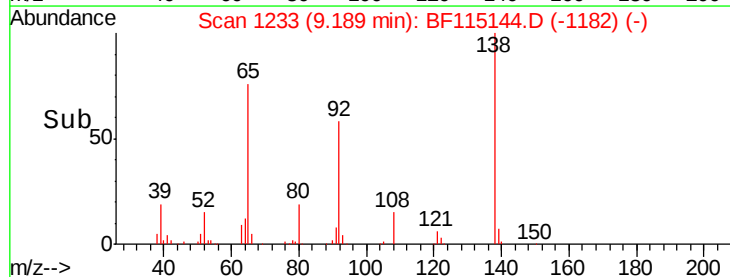
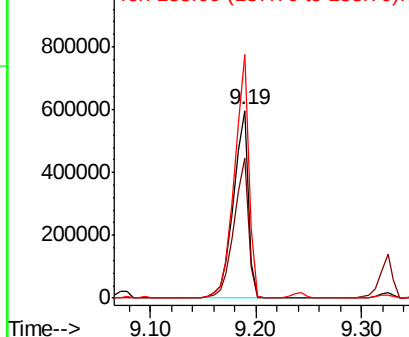


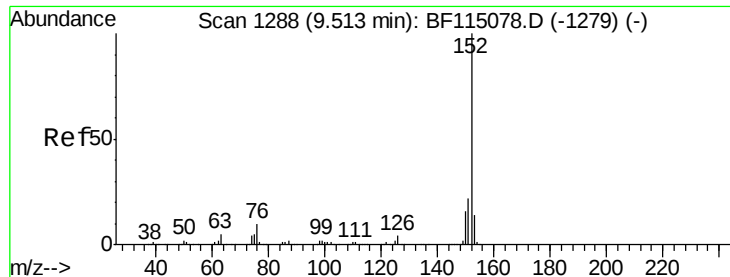
#48
 2-Nitroaniline
 Concen: 43.398 ng
 RT: 9.19 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	57.4	86.2
138	129.8	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





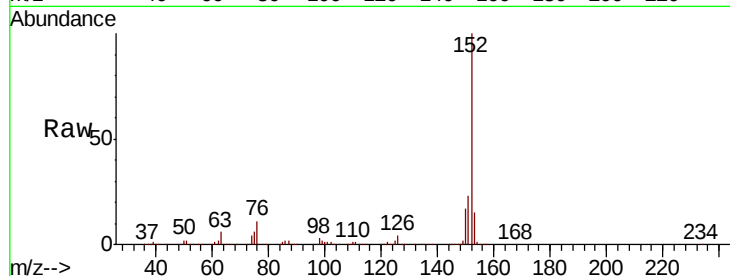
#49
Acenaphthylene
Concen: 40.892 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.2	25.8
153	15.1	11.0	16.6

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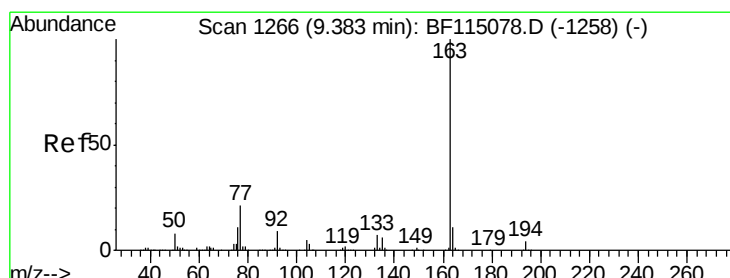
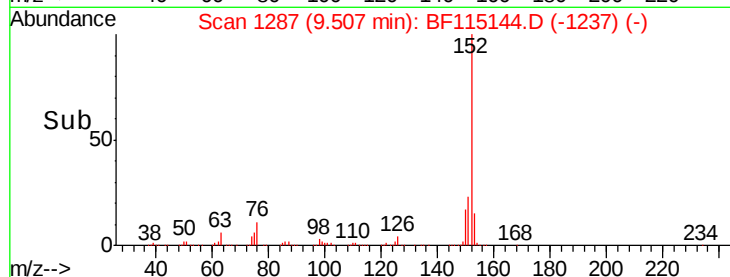
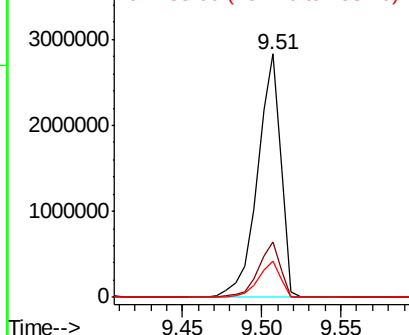


Abundance

Ion 152.00 (151.70 to 152.70): E

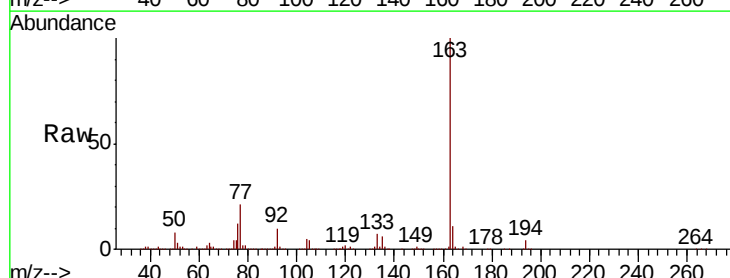
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 41.864 ng
RT: 9.38 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	11.2	8.6	13.0

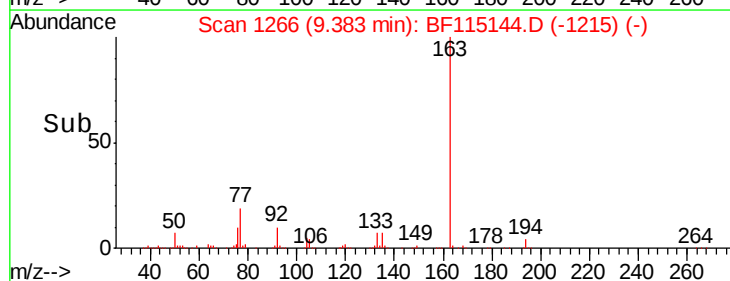
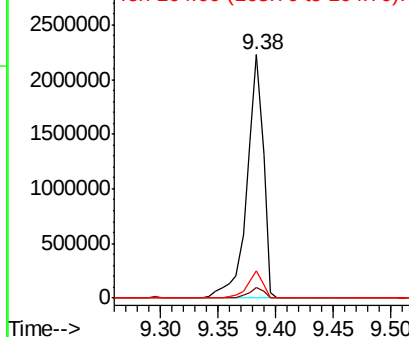


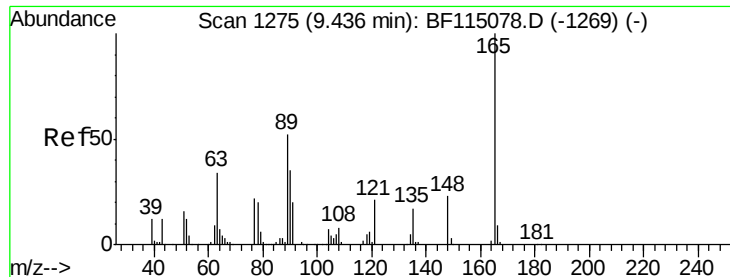
Abundance

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





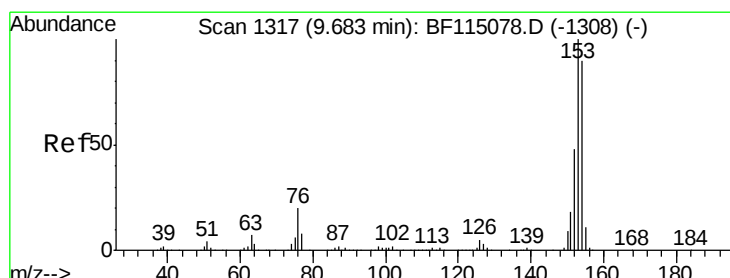
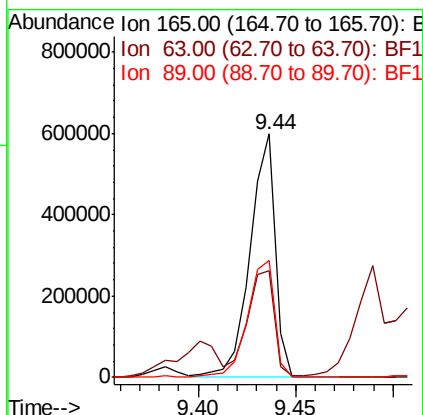
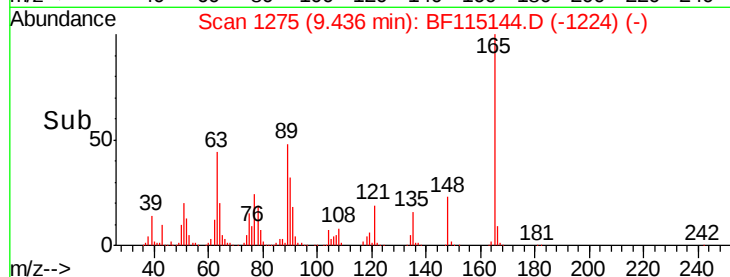
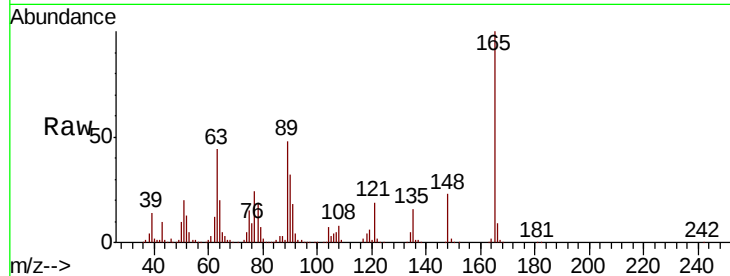
#51
2,6-Dinitrotoluene
Concen: 44.956 ng
RT: 9.44 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	535012		
63	43.9		39.4	59.2
89	47.9		42.0	63.0

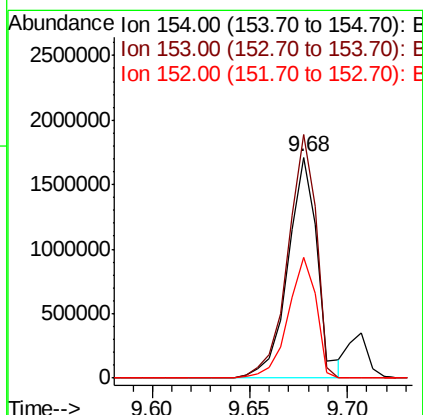
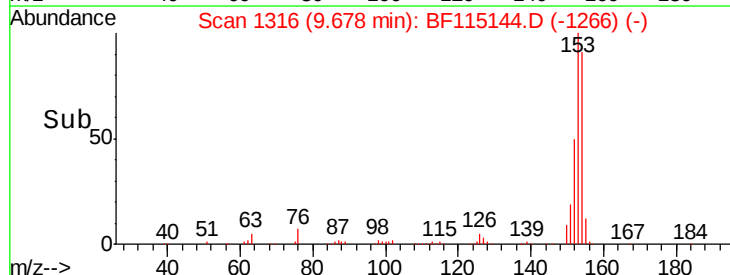
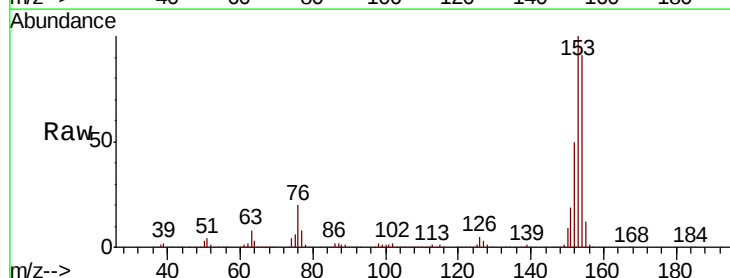
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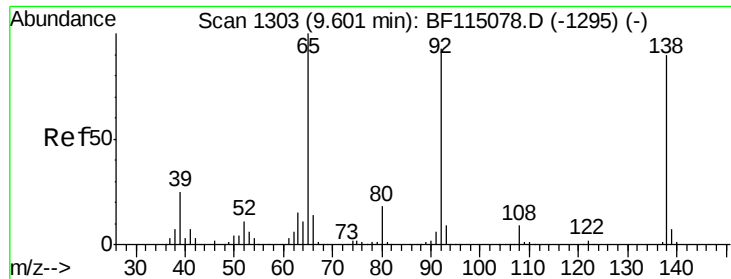
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#52
Acenaphthene
Concen: 40.248 ng
RT: 9.68 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1784381		
153	110.1		88.7	133.1
152	54.7		42.6	64.0





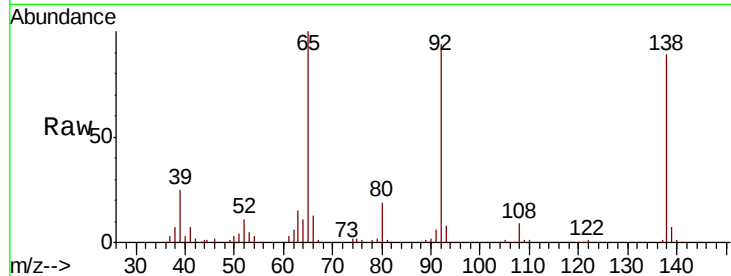
#53
3-Nitroaniline
Concen: 27.171 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	7.8	11.6
92	105.8	82.9	124.3

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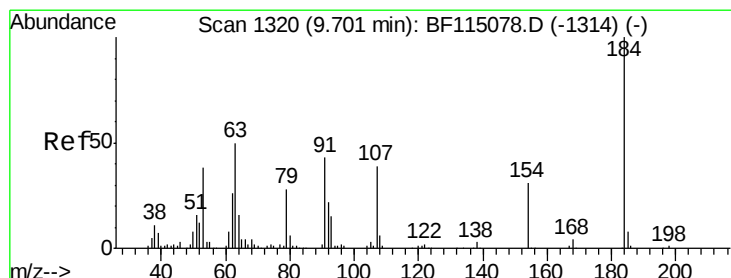
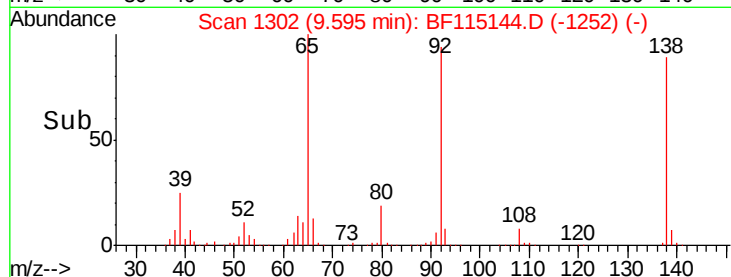
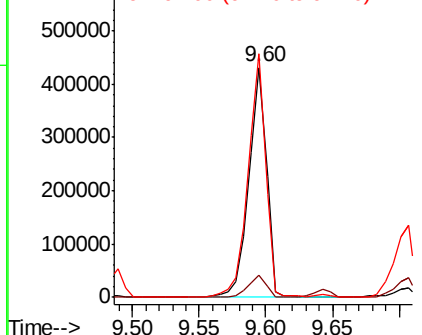


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 90.504 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

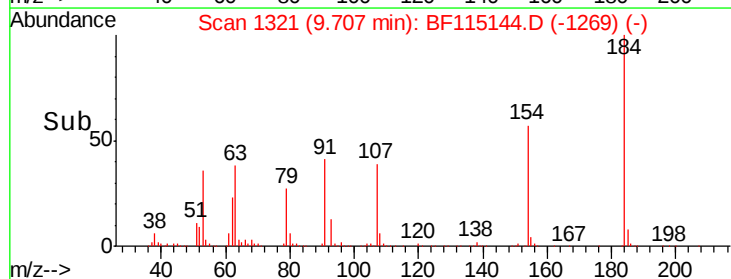
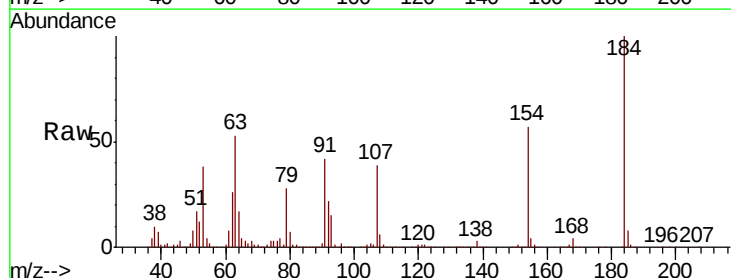
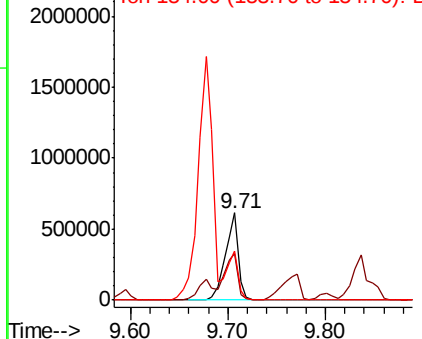
Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.9	41.9	62.9
154	57.0	44.7	67.1

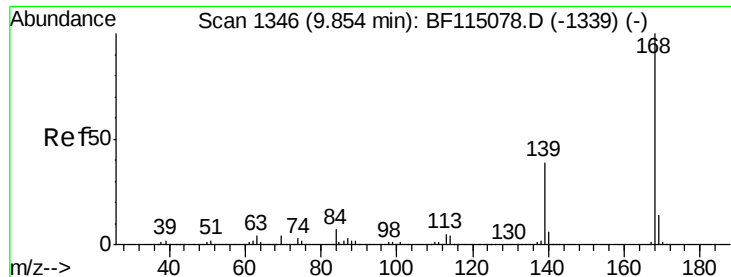
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





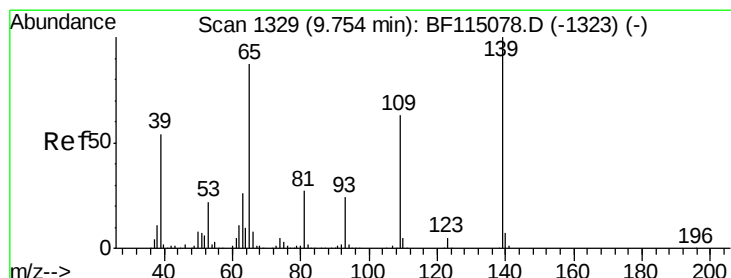
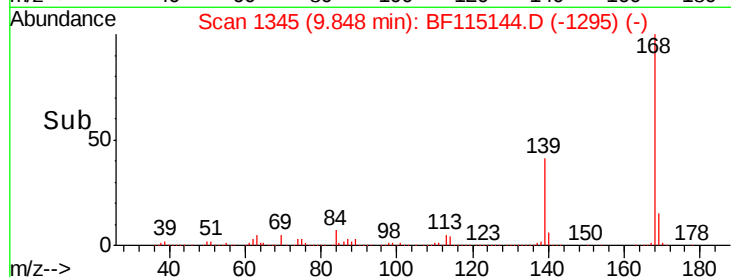
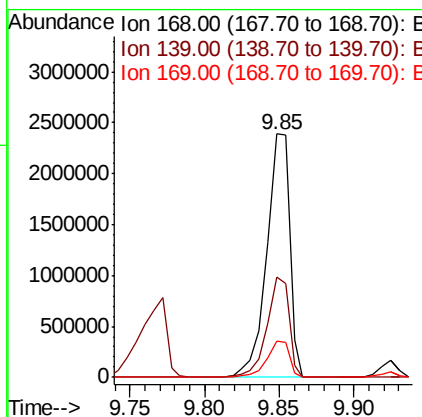
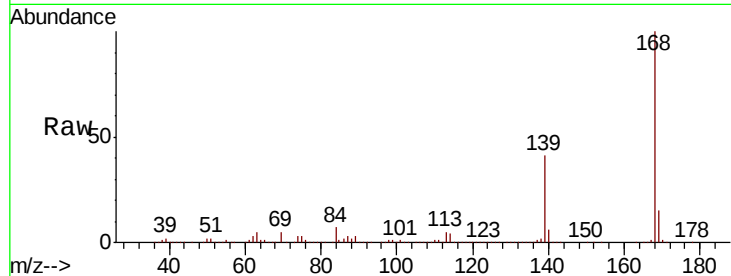
#55
Dibenzofuran
Concen: 39.994 ng
RT: 9.85 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.1	46.7
169	15.0	11.3	16.9

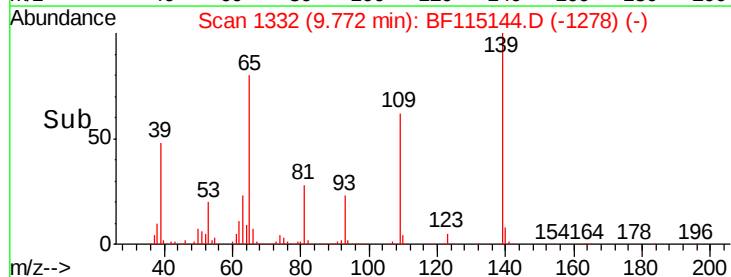
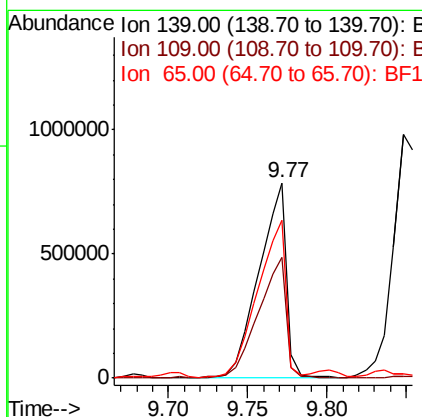
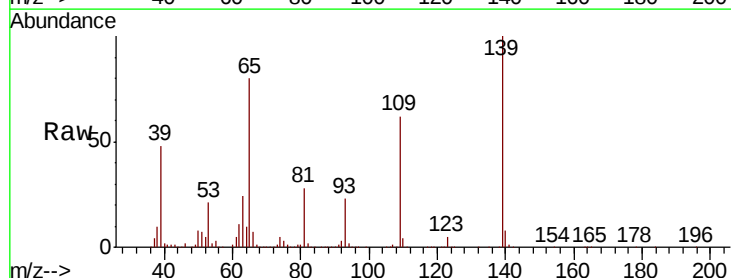
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#56
4-Nitrophenol
Concen: 82.291 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.1	43.0	83.0
65	80.5	67.0	107.0





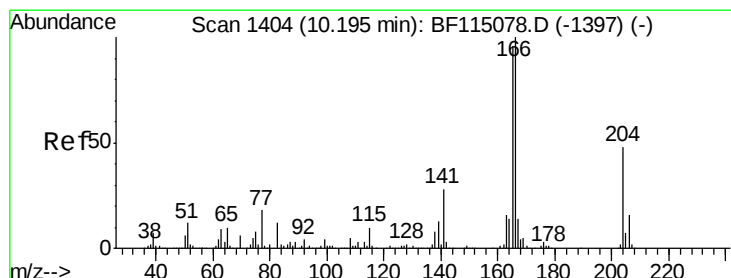
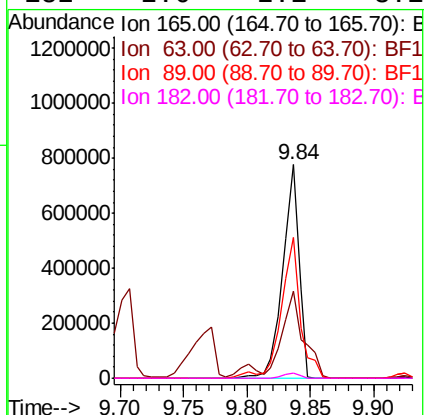
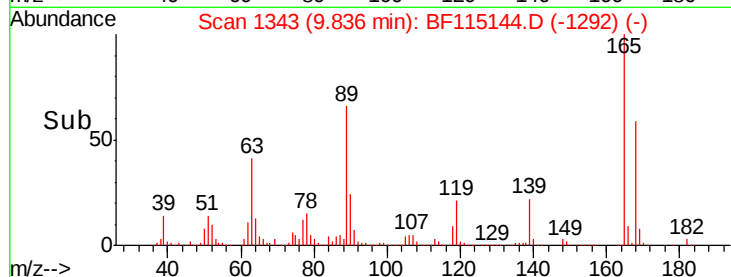
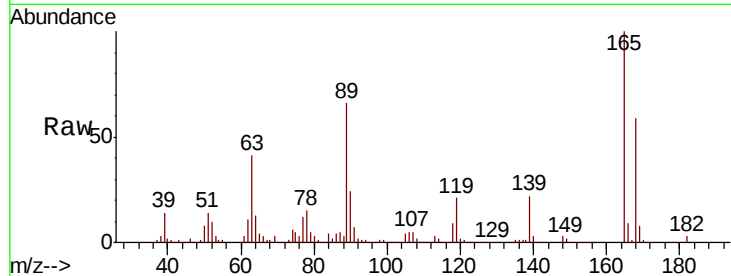
#57
2,4-Dinitrotoluene
Concen: 45.041 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.7	27.5	41.3
89	66.2	49.9	74.9
182	2.6	2.1	3.1

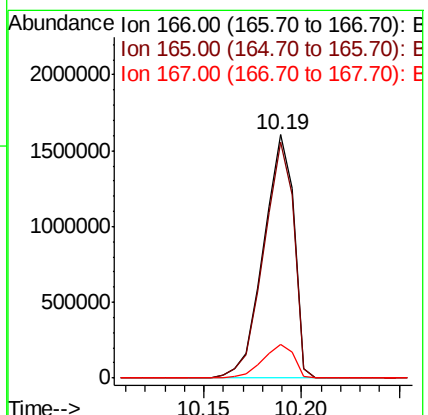
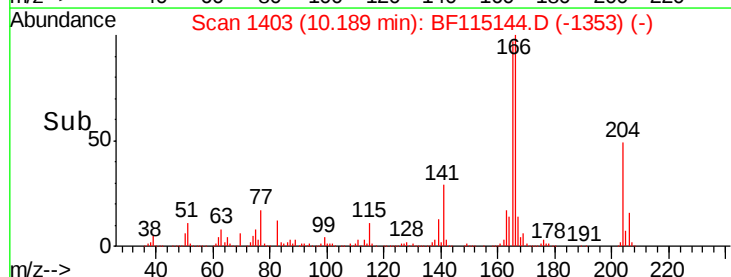
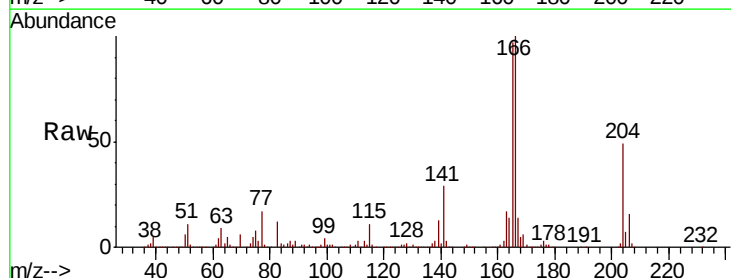
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#58
Fluorene
Concen: 40.136 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	76.5	114.7
167	14.0	11.0	16.4





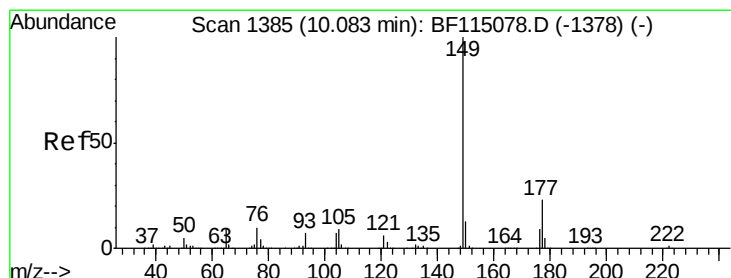
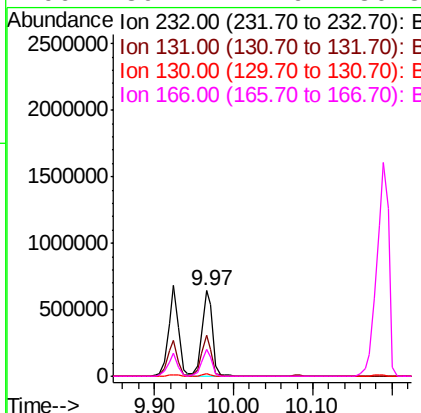
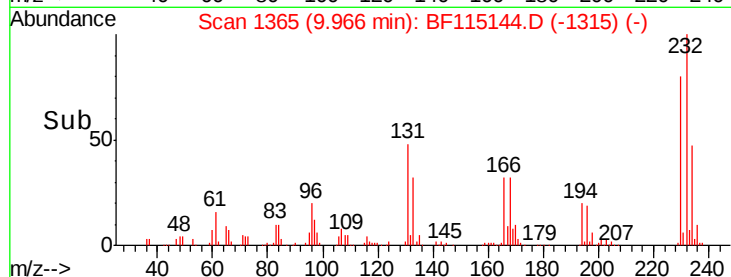
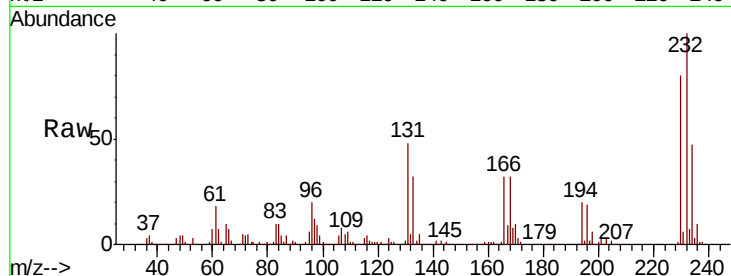
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.363 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion:	232	Resp:	611961
Ion Ratio	Lower	Upper	
232	100		
131	44.9	37.4	56.0
130	2.2	1.8	2.6
166	30.1	24.6	36.8

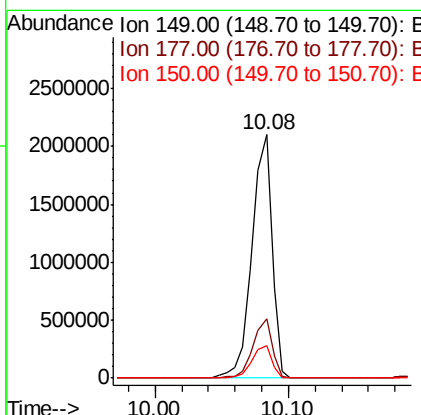
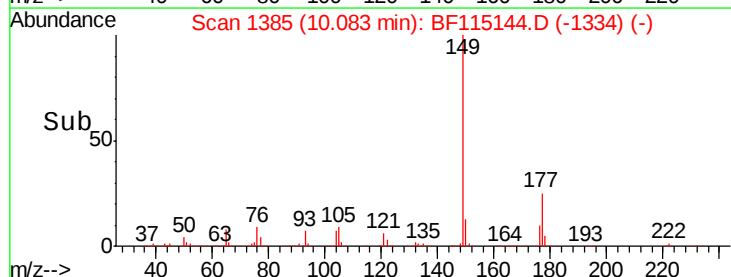
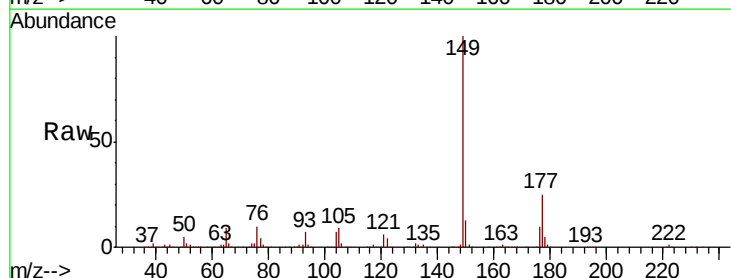
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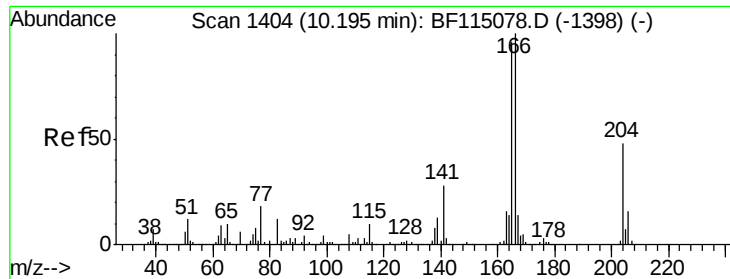
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#60
 Diethylphthalate
 Concen: 41.495 ng
 RT: 10.08 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion:	149	Resp:	2150121
Ion Ratio	Lower	Upper	
149	100		
177	24.6	18.7	28.1
150	13.4	10.4	15.6





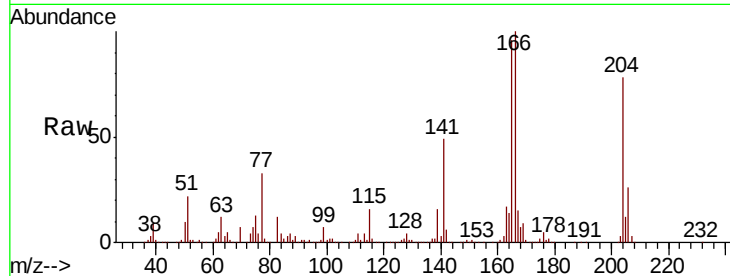
#61
 4-Chlorophenyl-phenylether
 Concen: 41.189 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

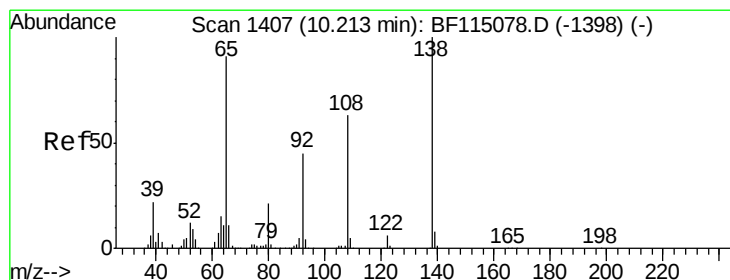
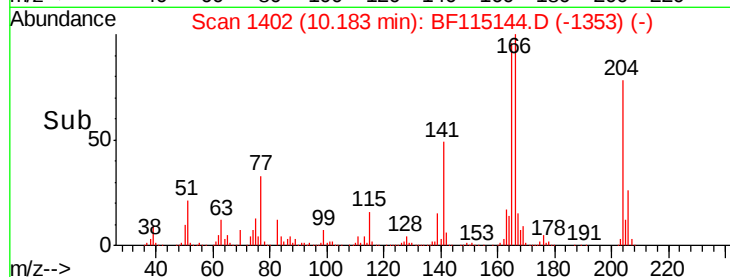
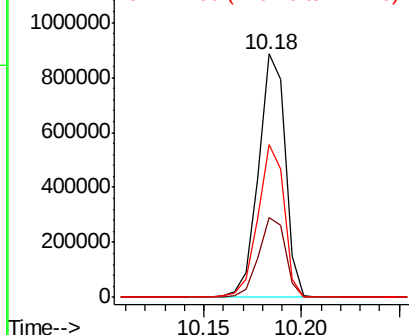
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	62.6	46.7	70.1

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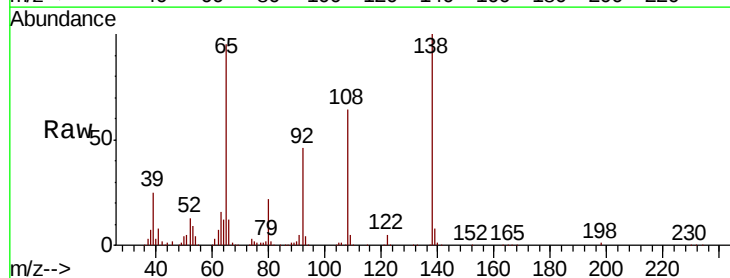


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

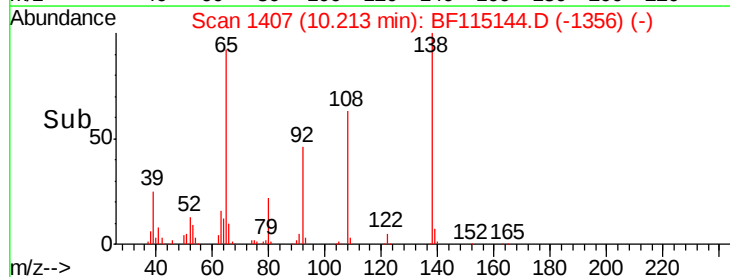
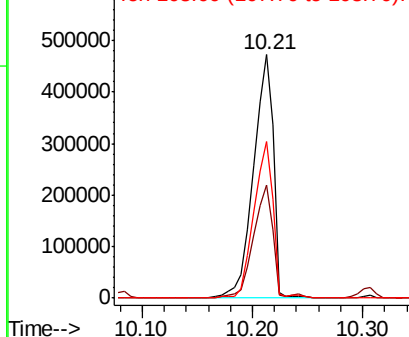


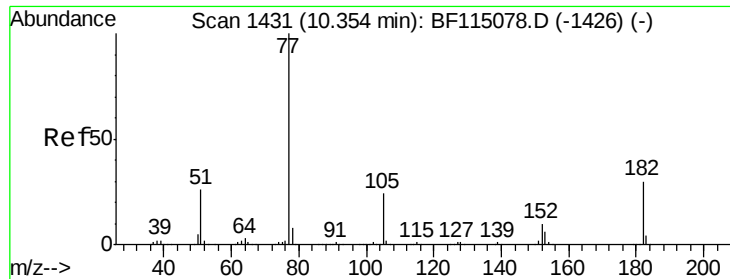
#62
 4-Nitroaniline
 Concen: 41.124 ng
 RT: 10.21 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	24.8	64.8
108	64.4	43.3	83.3



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





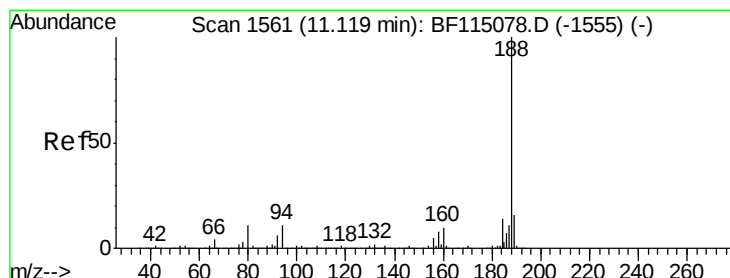
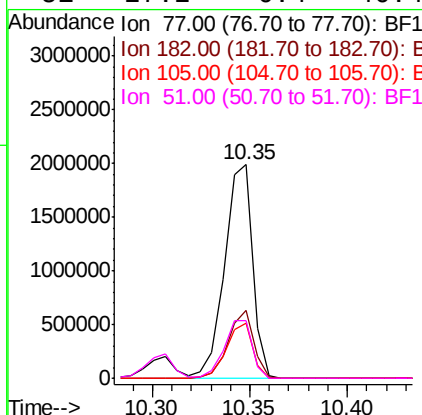
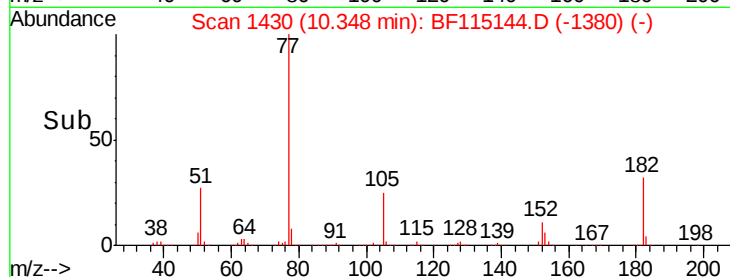
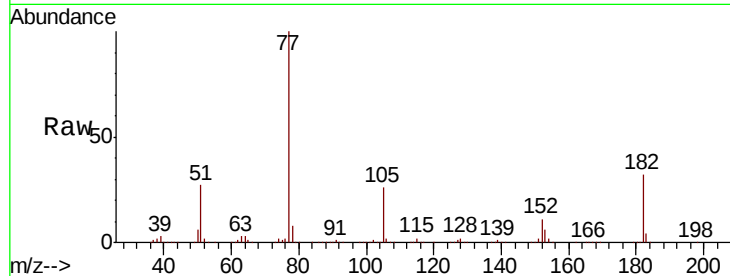
#63
Azobenzene
Concen: 40.784 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.0	10.1	50.1	
105	25.5	4.5	44.5	
51	27.2	6.4	46.4	

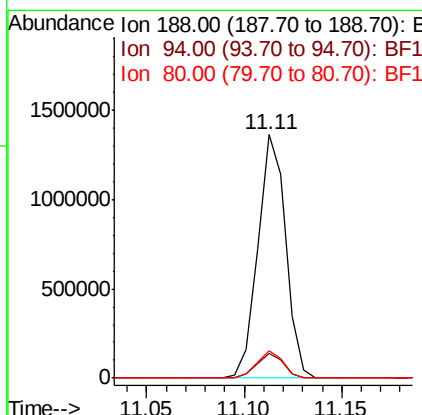
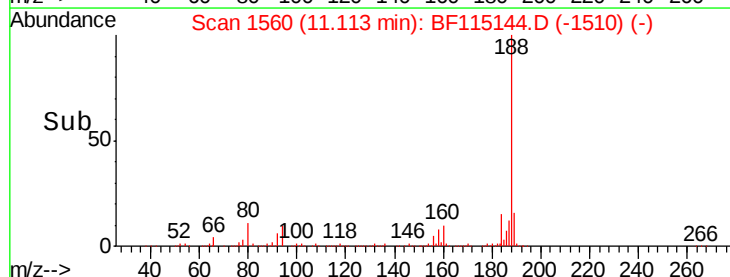
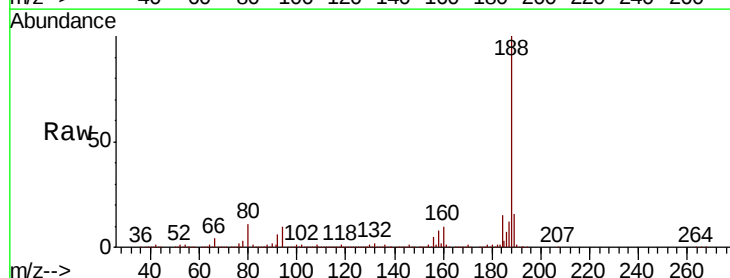
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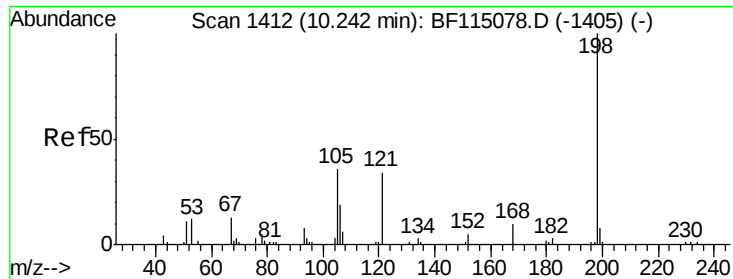
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.0	8.6	12.8	
80	11.1	8.8	13.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 47.537 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

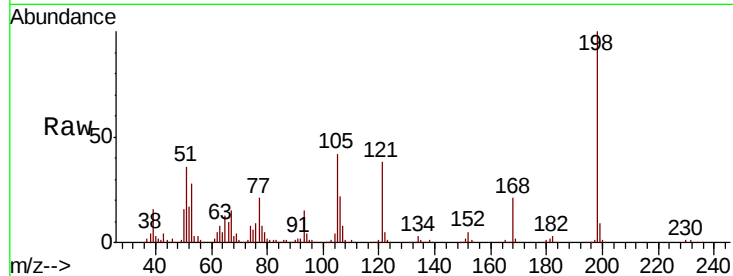
ClientSampleId :

PB120809BS

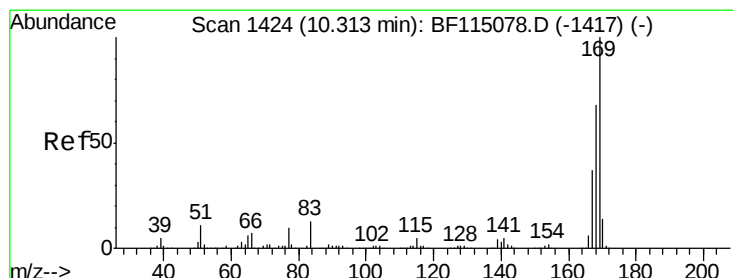
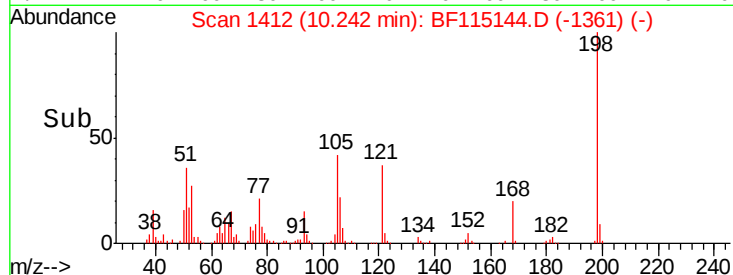
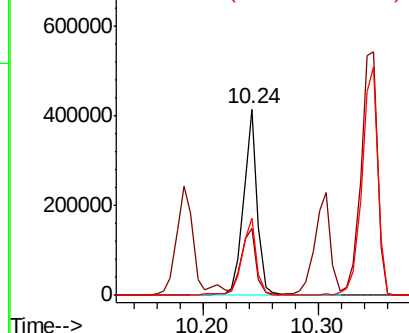
Tot Ion:	198	Resp:	340143
Ion Ratio	Lower	Upper	
198	100		
51	36.3	11.0	51.0
105	41.6	17.3	57.3

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.838 ng

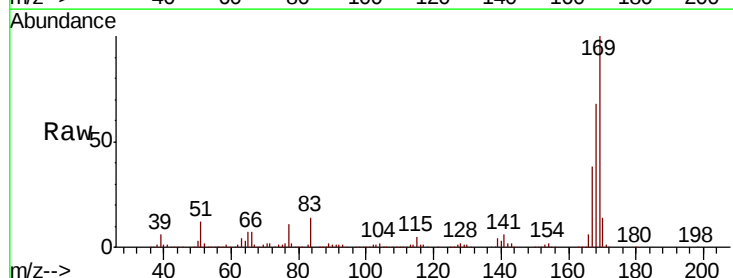
RT: 10.31 min Scan# 1423

Delta R.T. -0.01 min

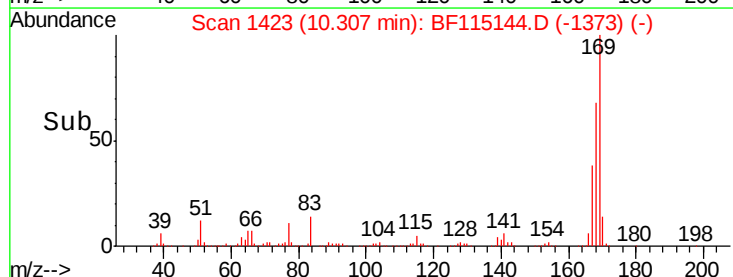
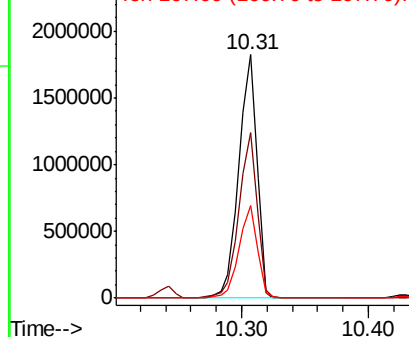
Lab File: BF115144.D

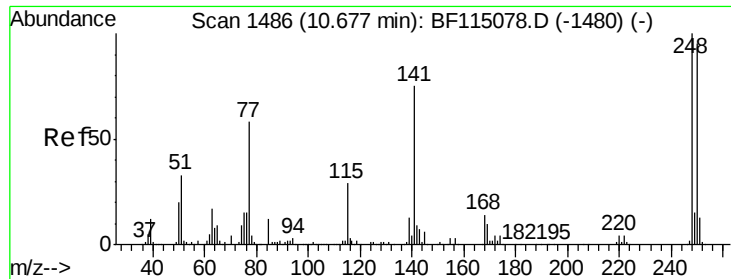
Acq: 24 Jun 2019 12:31

Tgt Ion:	169	Resp:	1796737
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.2	81.4
167	37.9	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.871 ng

RT: 10.67 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

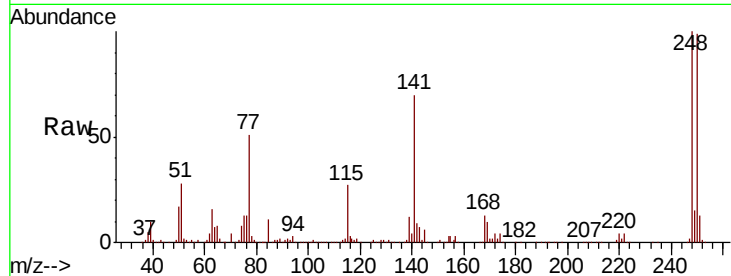
ClientSampled :

PB120809BS

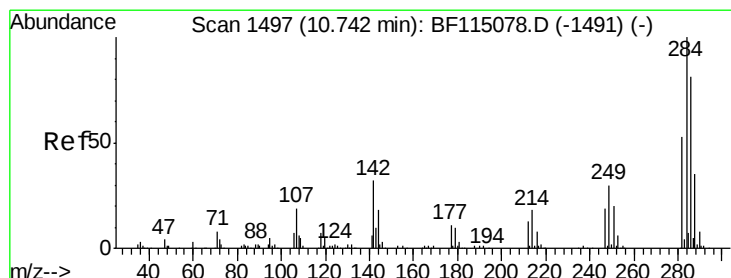
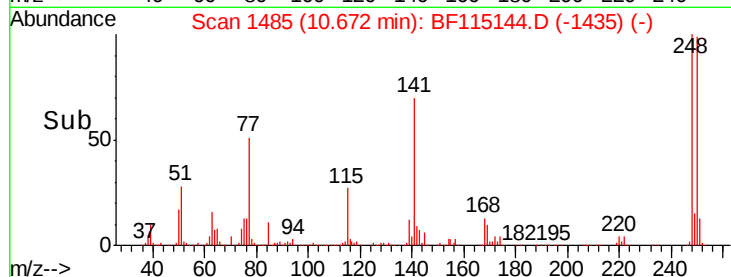
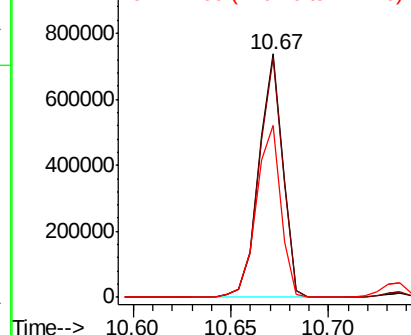
Tot Ion:	248	Resp:	625753
Ion Ratio	Lower	Upper	
248	100		
250	98.6	76.2	114.2
141	70.5	59.6	89.4

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Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.109 ng

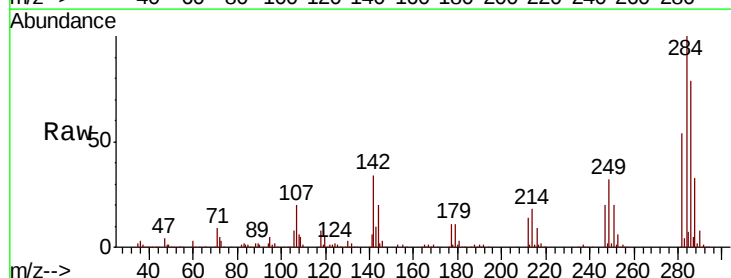
RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

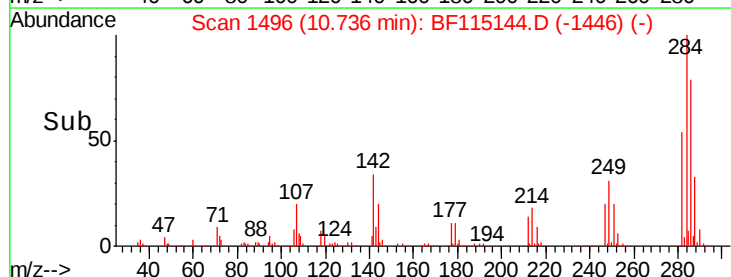
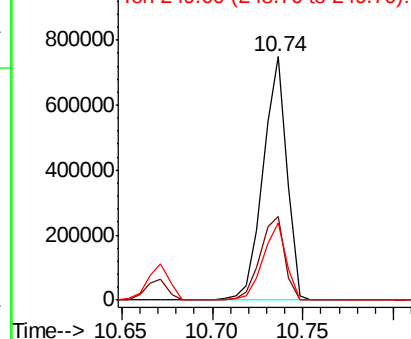
Lab File: BF115144.D

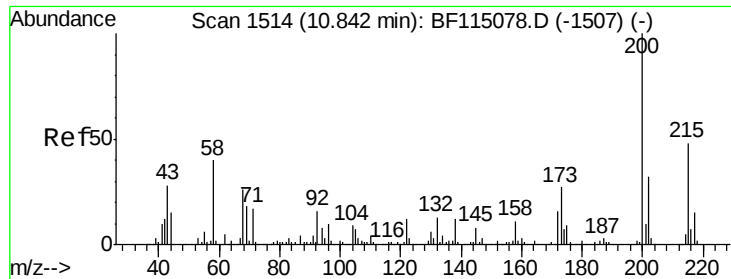
Acq: 24 Jun 2019 12:31

Tgt Ion:	284	Resp:	682992
Ion Ratio	Lower	Upper	
284	100		
142	34.2	25.8	38.8
249	31.5	24.2	36.4



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





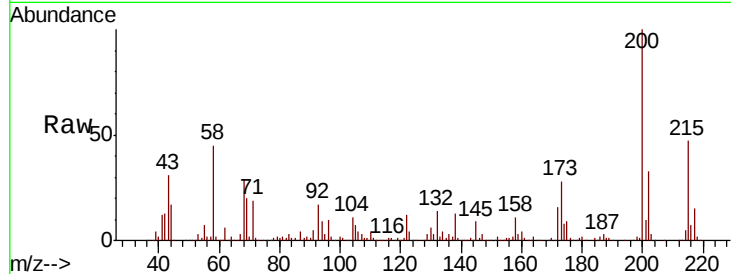
#69
 Atrazine
 Concen: 43.415 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.3	7.4	47.4
215	47.0	27.8	67.8

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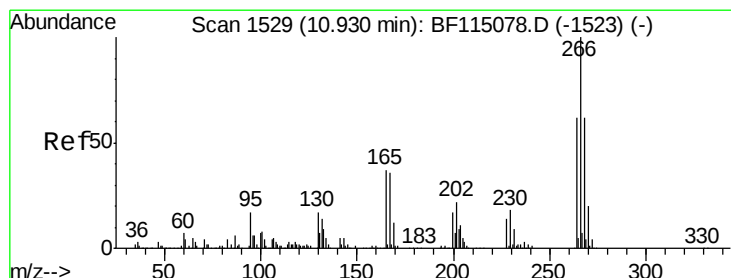
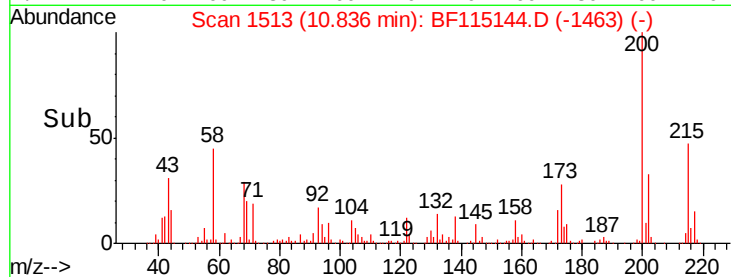
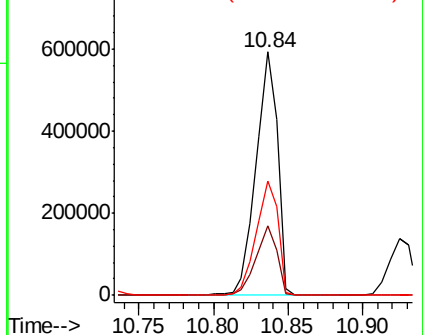


Abundance

Ion 200.00 (199.70 to 200.70): E

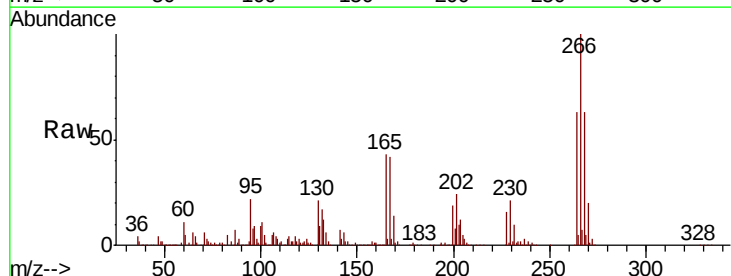
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 81.365 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.7	49.5	74.3
264	63.3	49.3	73.9

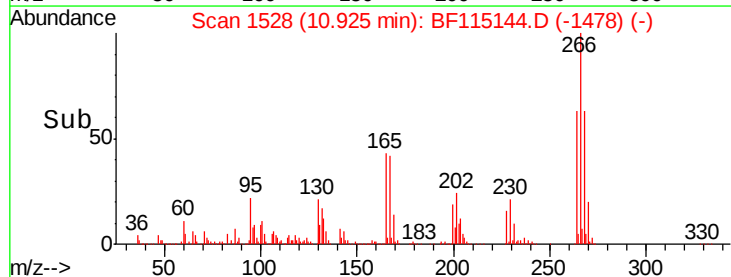
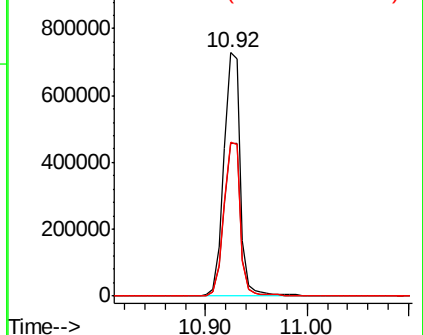


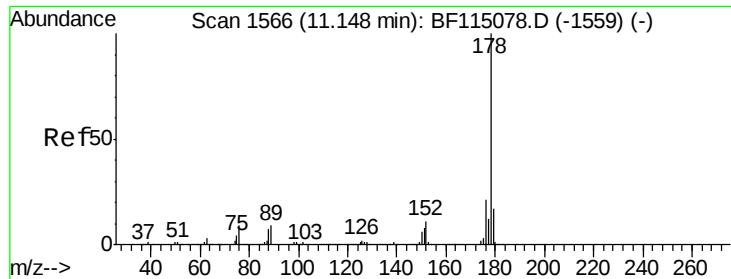
Abundance

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





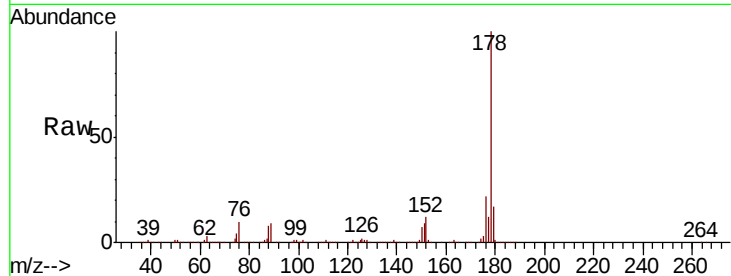
#71
Phenanthrene
Concen: 39.456 ng
RT: 11.14 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

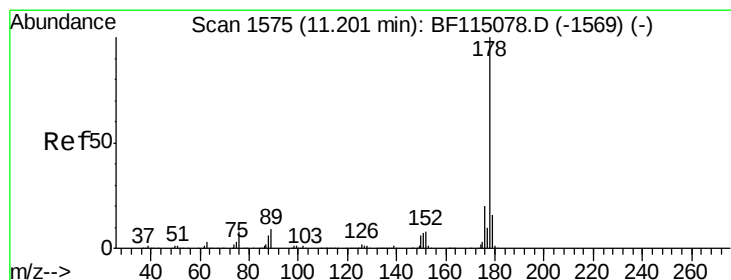
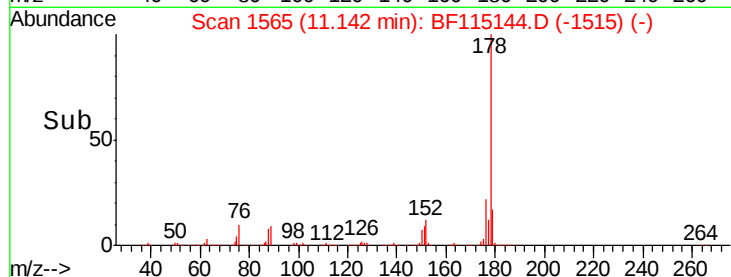
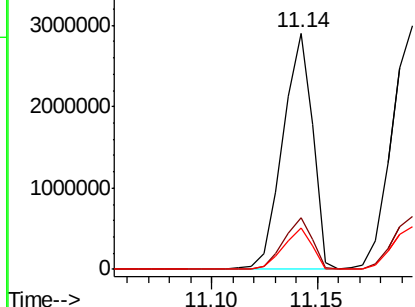
Tot Ion:178 Resp: 2859945
Ion Ratio Lower Upper
178 100
176 22.0 16.9 25.3
179 17.5 13.2 19.8

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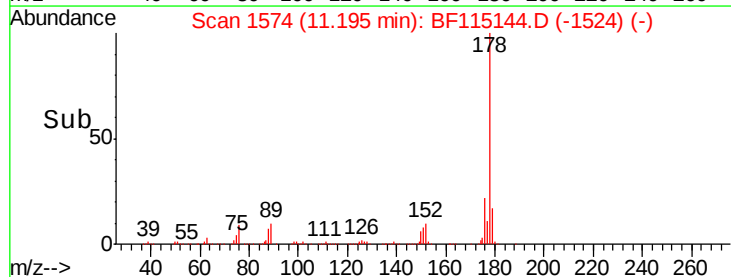
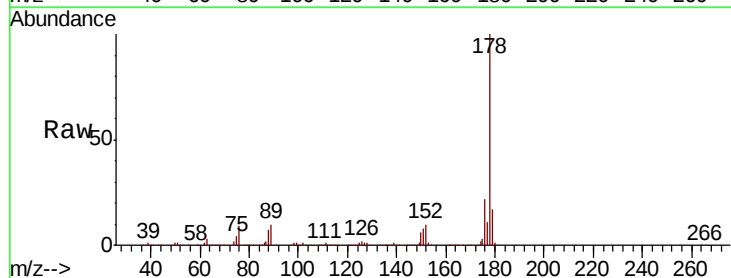
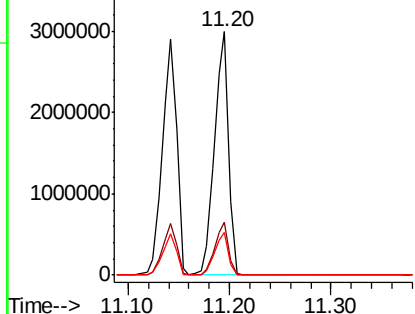
Abundance Ion 178.00 (177.70 to 178.70): E
4000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.386 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion:178 Resp: 2881827
Ion Ratio Lower Upper
178 100
176 21.6 16.1 24.1
179 17.5 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
4000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





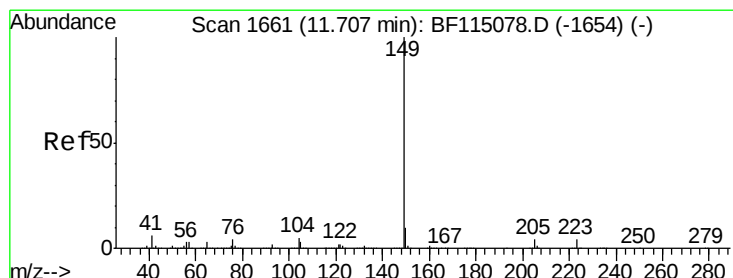
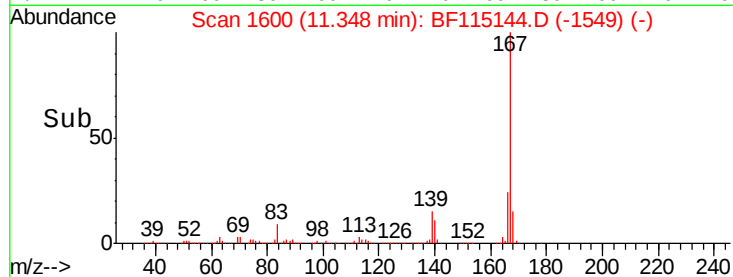
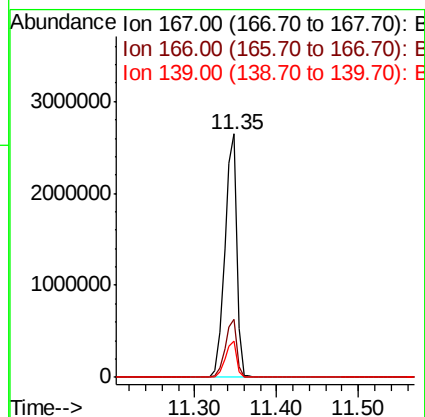
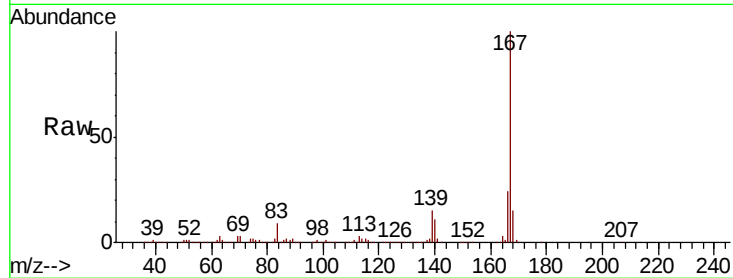
#73
 Carbazole
 Concen: 40.925 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.0	27.0
139	14.7	11.1	16.7

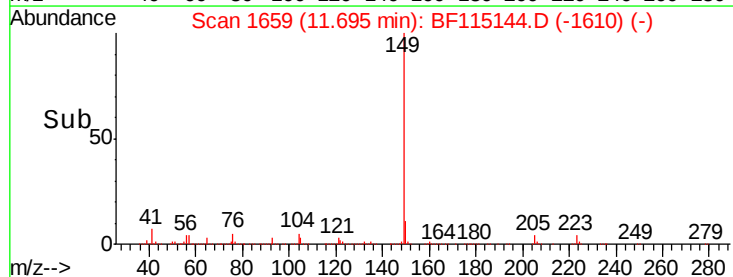
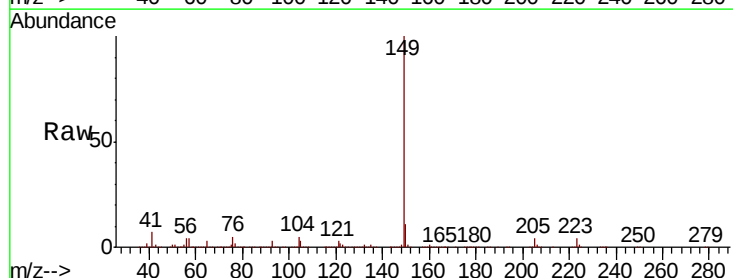
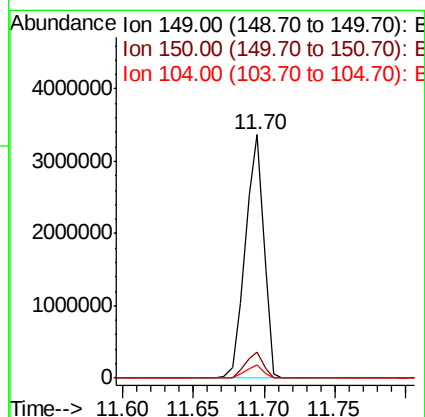
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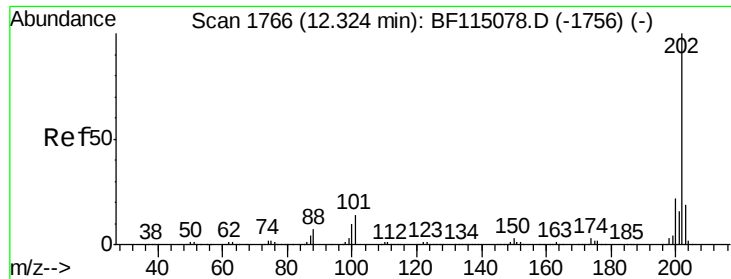
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#74
 Di-n-butylphthalate
 Concen: 40.520 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.8	11.8
104	5.4	3.7	5.5





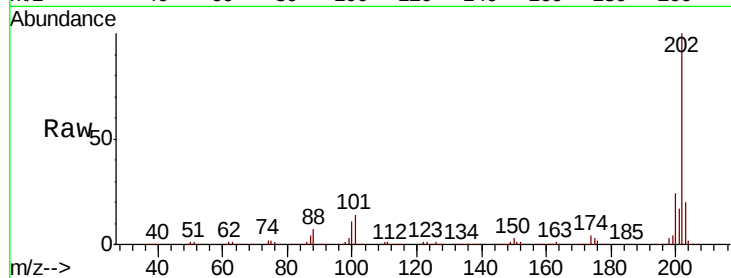
#75
 Fluoranthene
 Concen: 40.928 ng
 RT: 12.32 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2959984		
101	14.1		0.0	34.0
203	19.5		0.0	38.8

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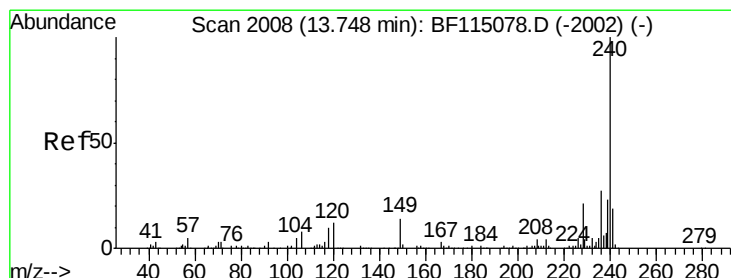
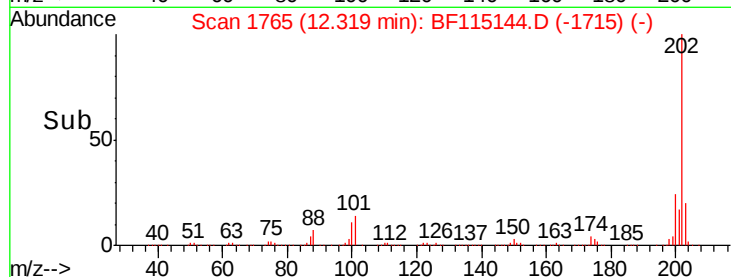
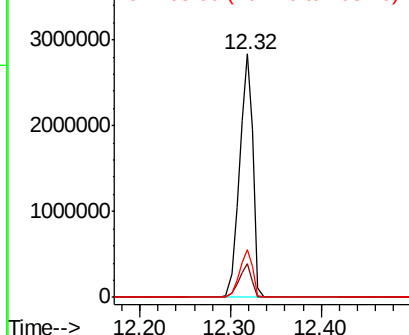


Abundance

Ion 202.00 (201.70 to 202.70): E

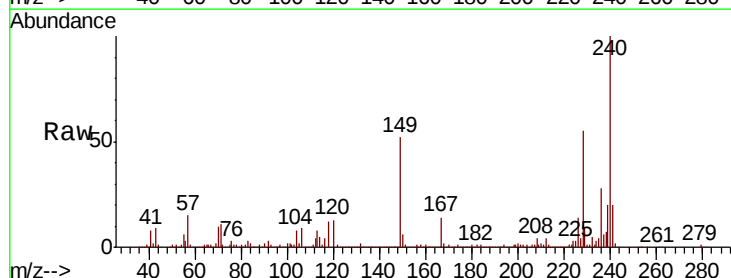
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	887704		
120	13.1		9.4	14.2
236	27.7		21.7	32.5

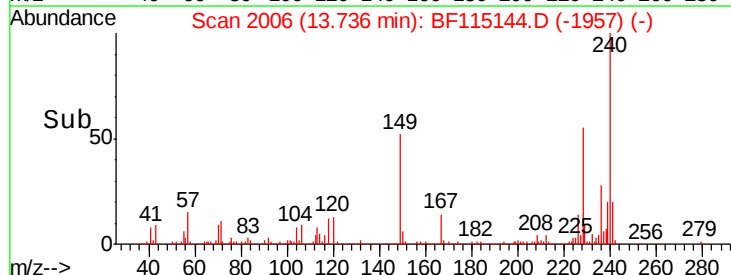
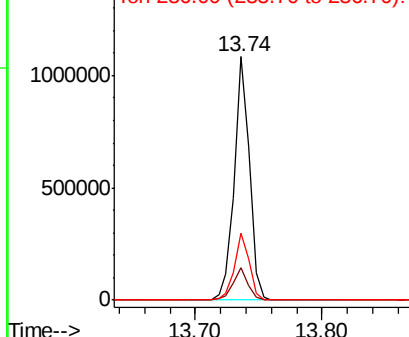


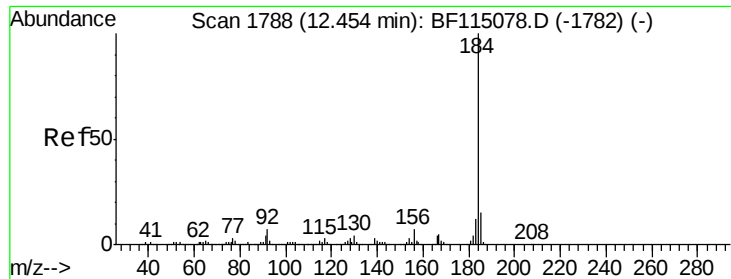
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





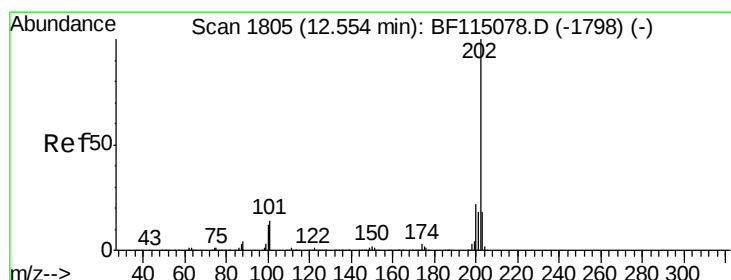
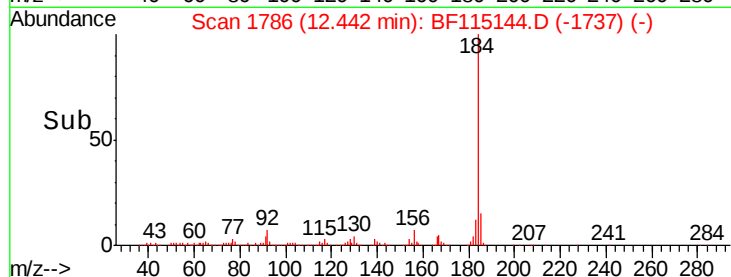
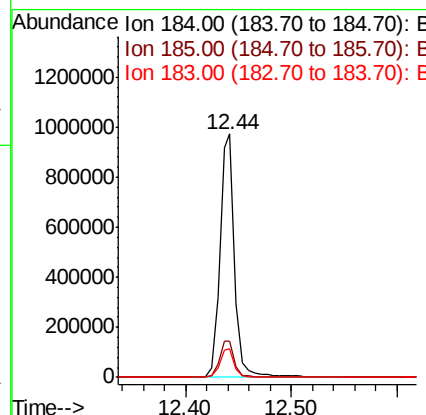
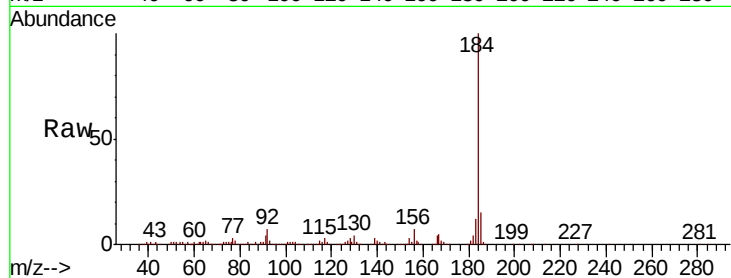
#77
Benzidine
Concen: 24.351 ng
RT: 12.44 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.2
183	11.6	9.6	14.4

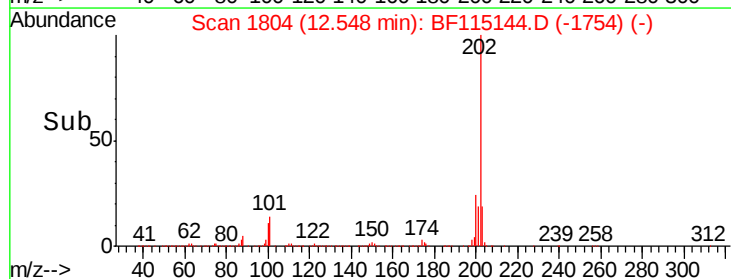
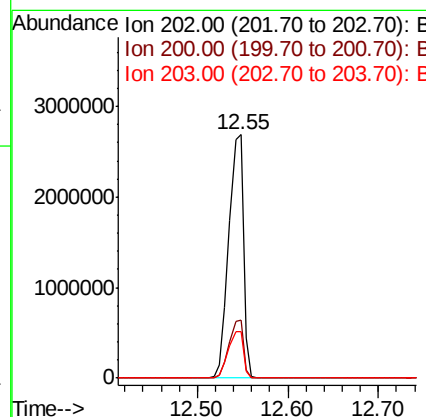
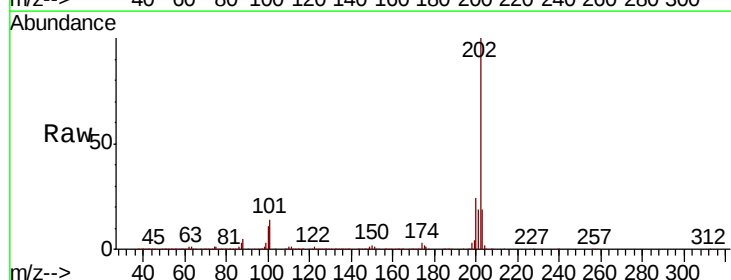
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#78
Pyrene
Concen: 43.939 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.9	26.9
203	19.0	14.6	21.8





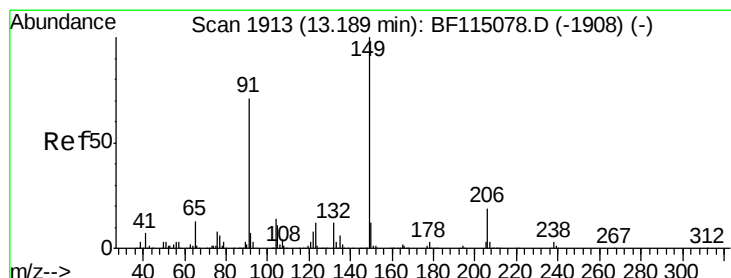
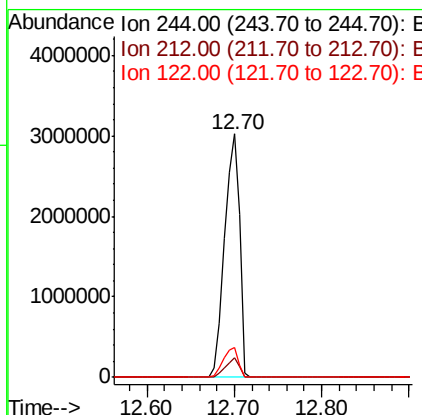
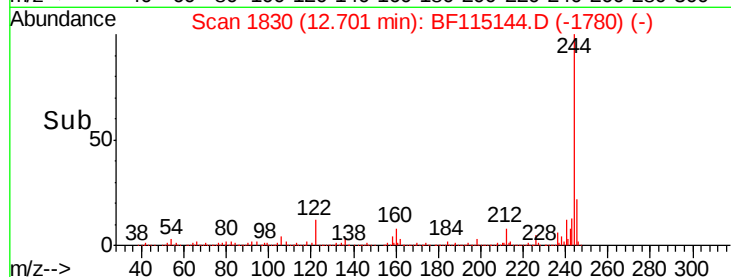
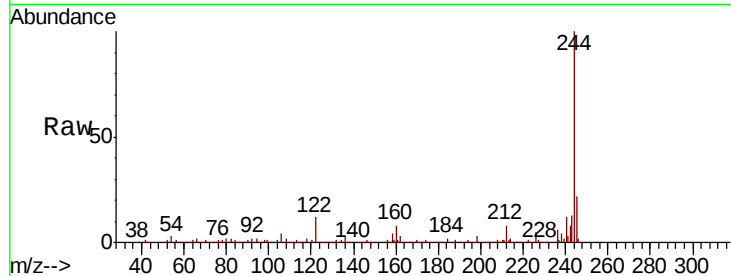
#79
 Terphenyl-d14
 Concen: 86.383 ng
 RT: 12.70 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 PB120809BS

Tot Ion:244 Resp: 3606638
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.6
 122 12.2 10.4 15.6

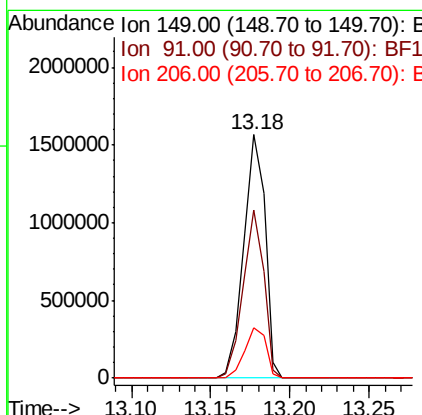
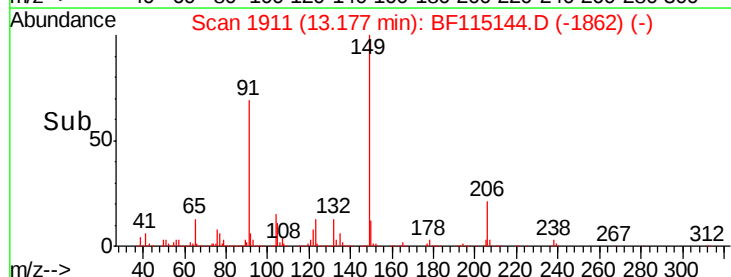
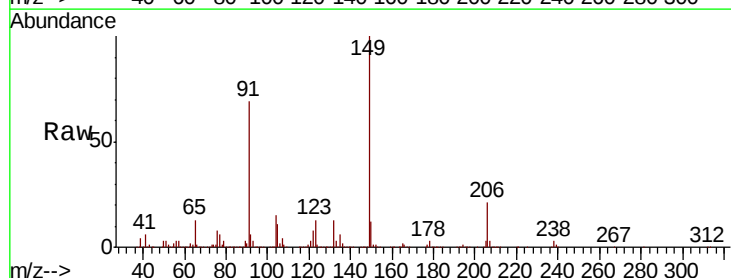
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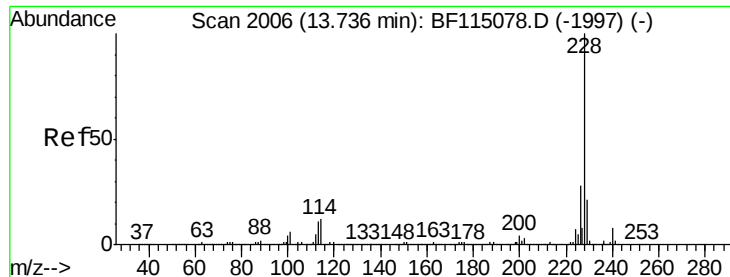
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#80
 Butylbenzylphthalate
 Concen: 48.424 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BF115144.D
 Acq: 24 Jun 2019 12:31

Tgt Ion:149 Resp: 1457886
 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: 43.471 ng

RT: 13.72 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

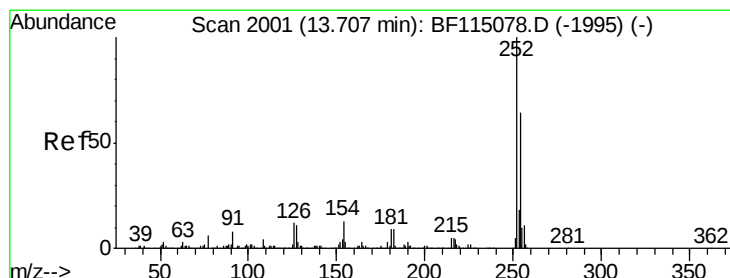
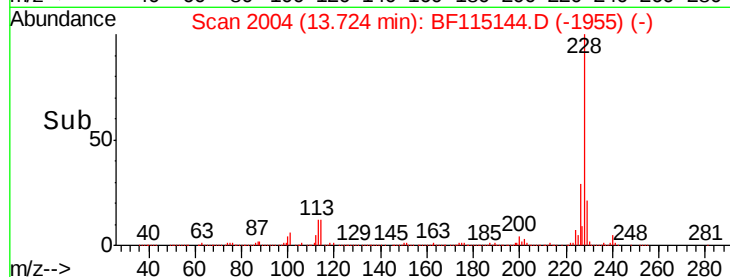
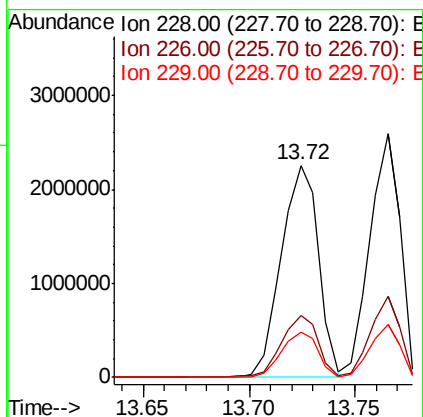
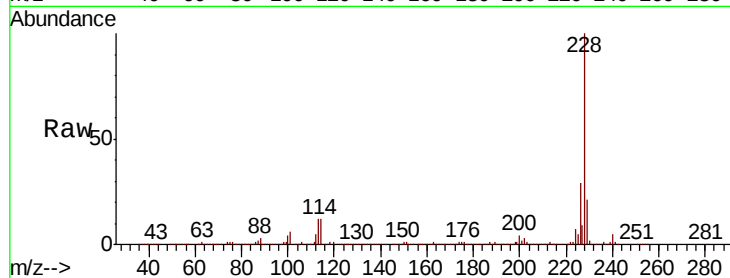
ClientSampleId :

PB120809BS

Tot Ion:	228	Resp:	2768902
Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.5	33.7
229	21.4	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 38.985 ng

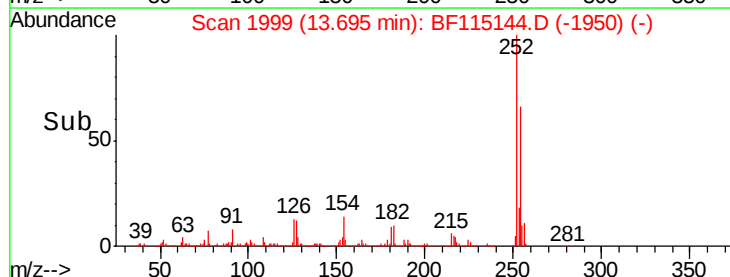
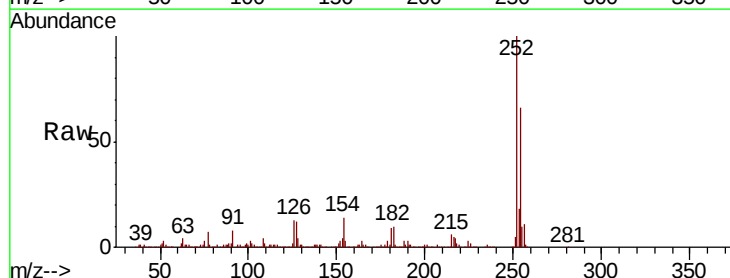
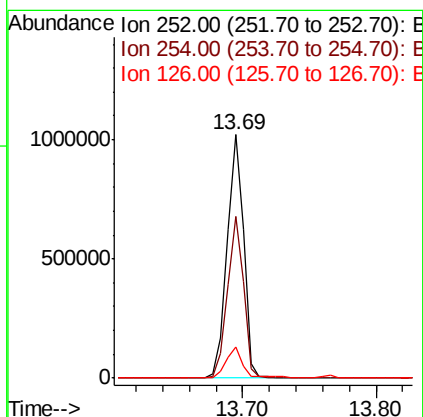
RT: 13.69 min Scan# 1999

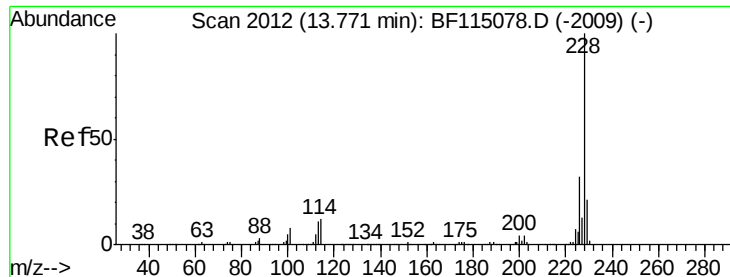
Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Tgt Ion:	252	Resp:	896725
Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.1	76.7
126	12.6	9.4	14.0





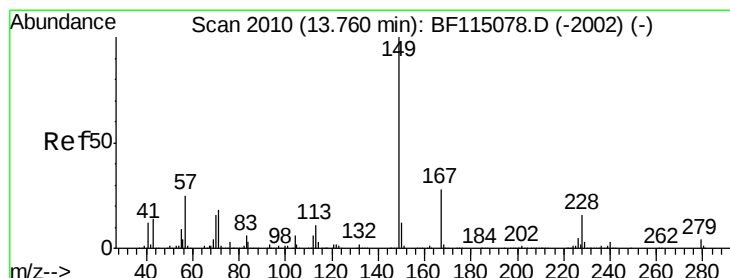
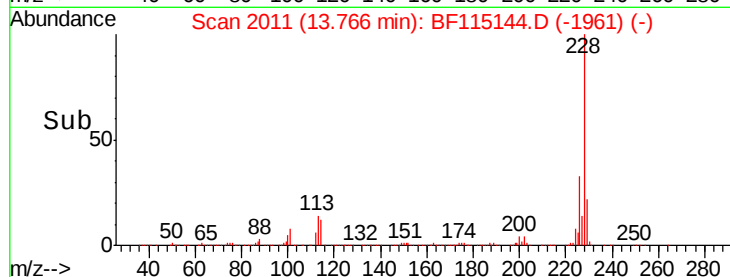
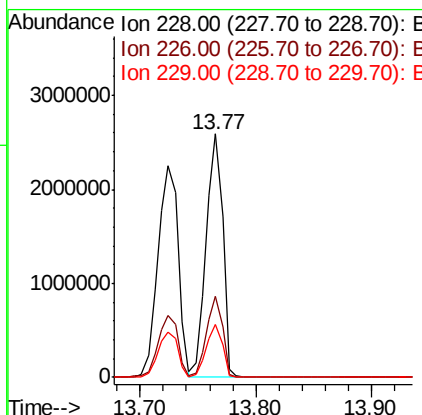
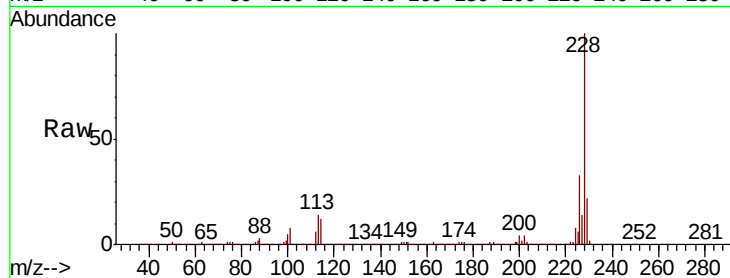
#83
Chrysene
Concen: 44.671 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.4	38.0
229	21.8	16.5	24.7

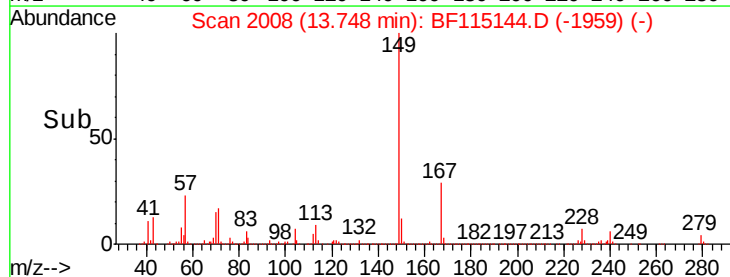
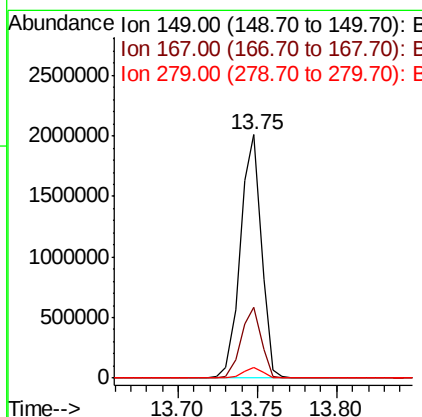
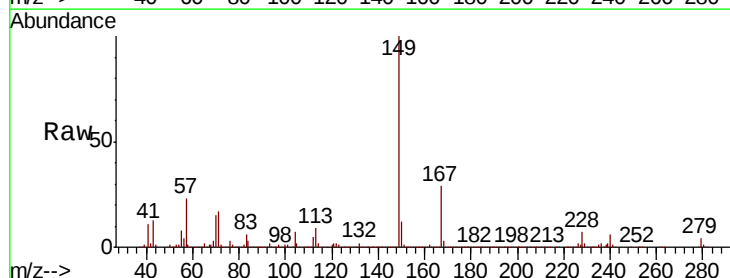
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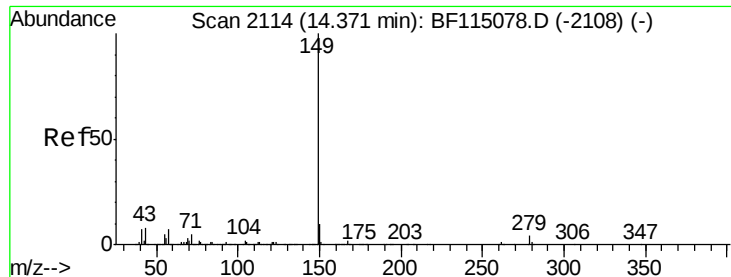
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.560 ng
RT: 13.75 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.2	33.4
279	4.4	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 47.556 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

Instrument :

BNA_F

ClientSampleId :

PB120809BS

Tot Ion:149 Resp: 3152063

Ion Ratio Lower Upper

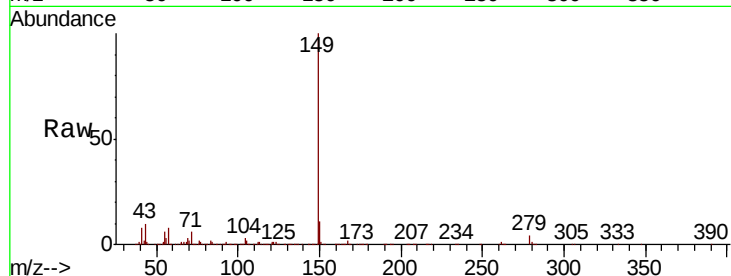
149 100

167 1.7 1.2 1.8

43 8.9 7.0 10.6

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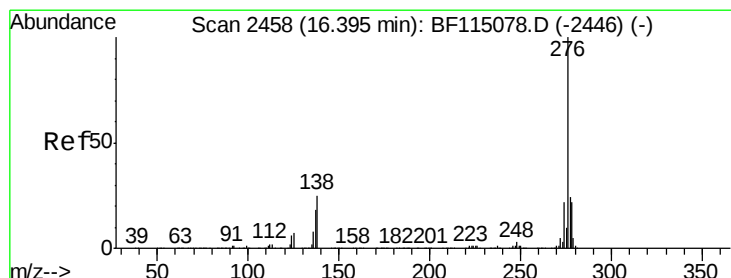
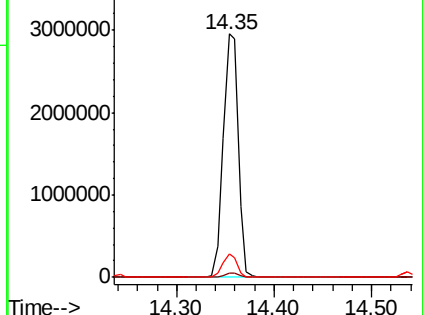
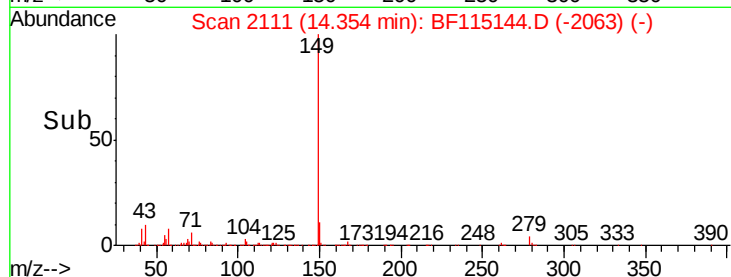
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.690 ng

RT: 16.38 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BF115144.D

Acq: 24 Jun 2019 12:31

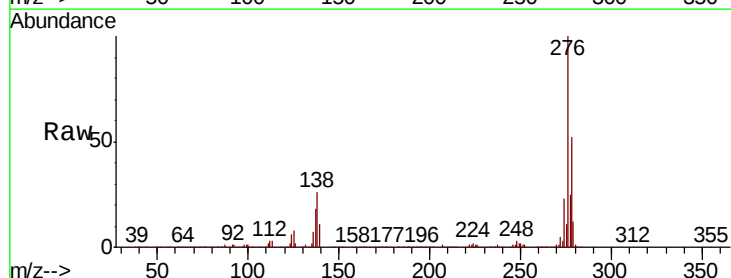
Tgt Ion:276 Resp: 2740249

Ion Ratio Lower Upper

276 100

138 28.4 23.2 34.8

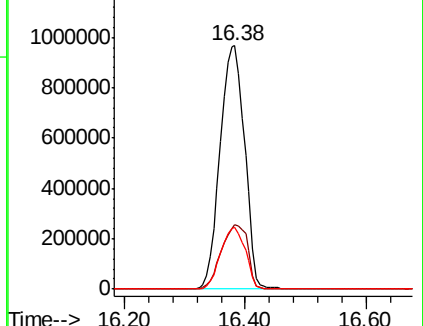
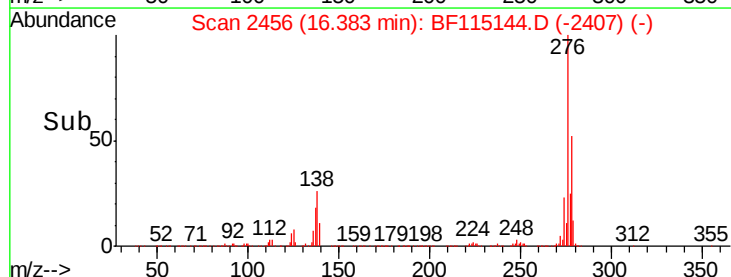
277 25.8 20.1 30.1

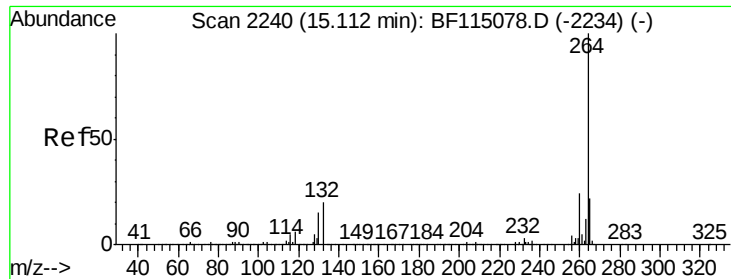


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





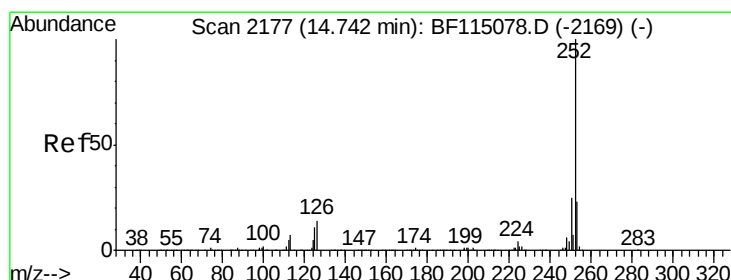
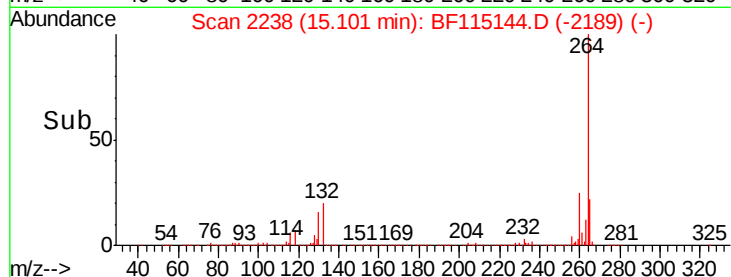
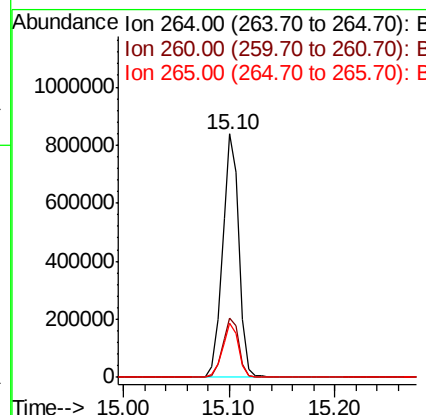
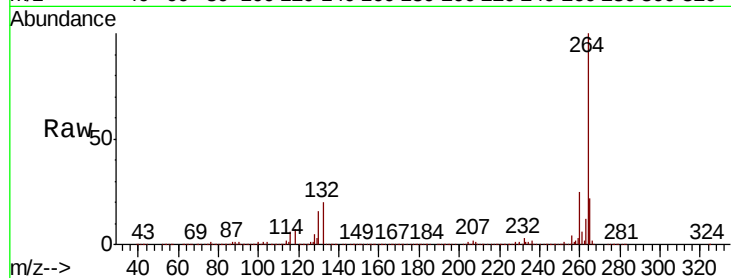
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.5	19.6	29.4	
265	22.4	17.3	25.9	

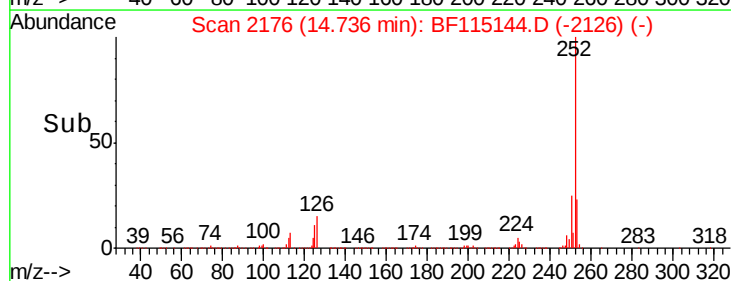
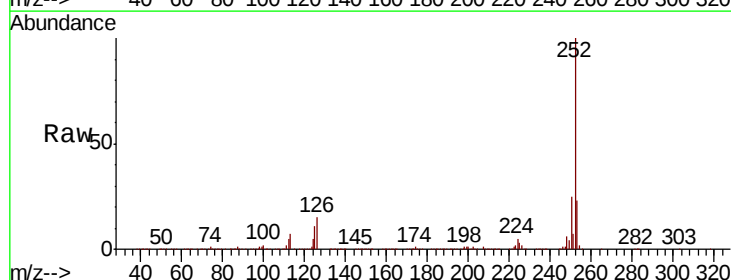
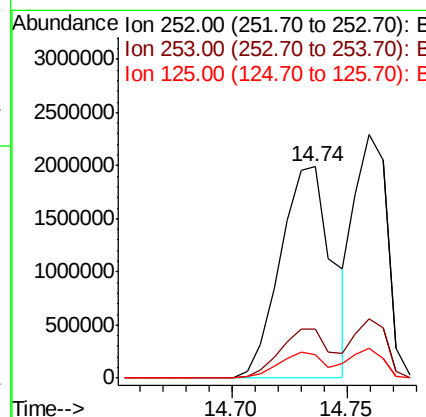
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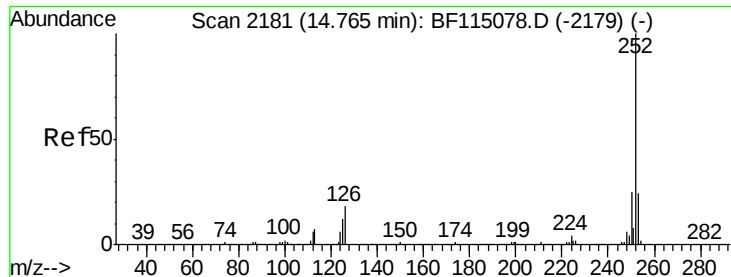
mohammad
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#88
Benzo(b)fluoranthene
Concen: 54.509 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.4	18.1	27.1	
125	11.0	8.7	13.1	





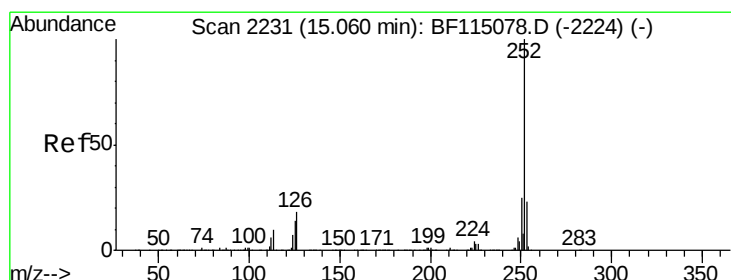
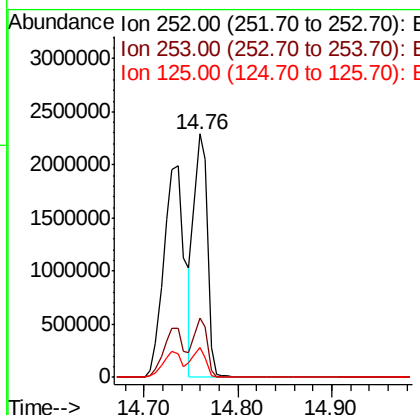
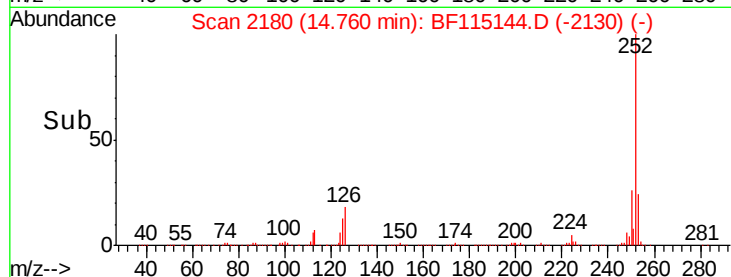
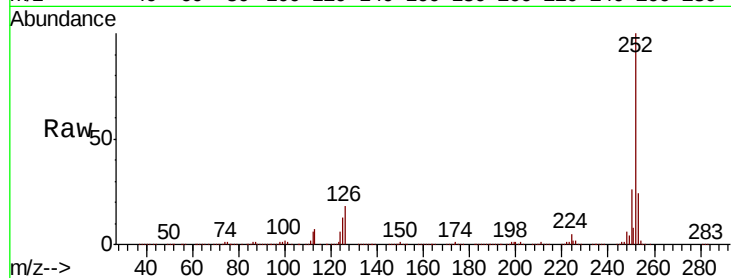
#89
Benzo(k)fluoranthene
Concen: 44.519 ng
RT: 14.76 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	12.5	10.2	15.2

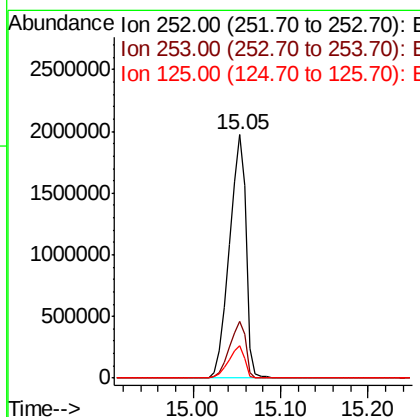
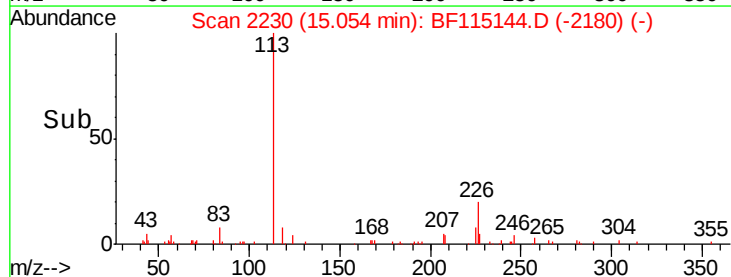
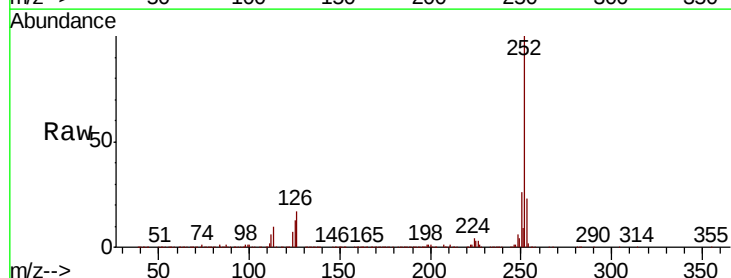
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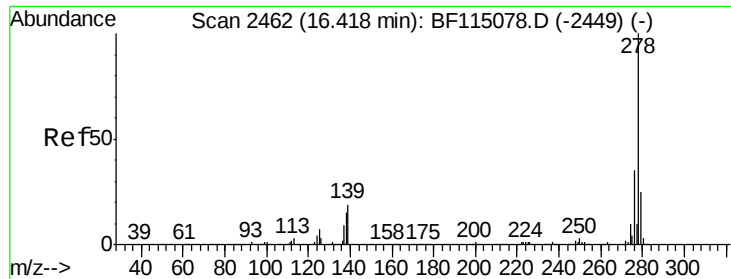
mohammad
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#90
Benzo(a)pyrene
Concen: 50.667 ng
RT: 15.05 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	13.2	10.9	16.3





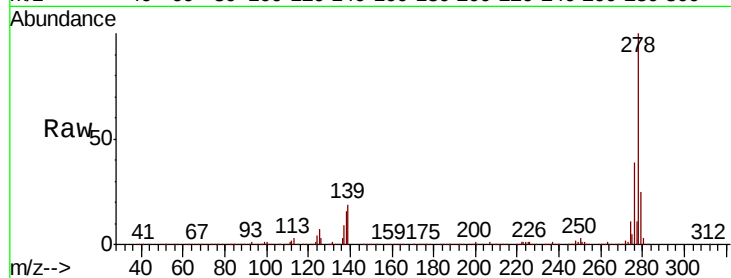
#91
Dibenzo(a,h)anthracene
Concen: 46.947 ng
RT: 16.40 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	15.4	23.2
279	24.8	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/28/2019 8:25:04 AM

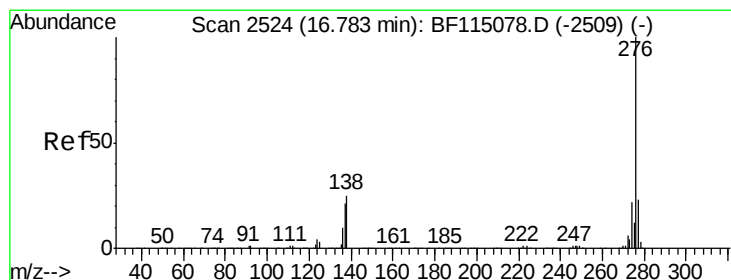
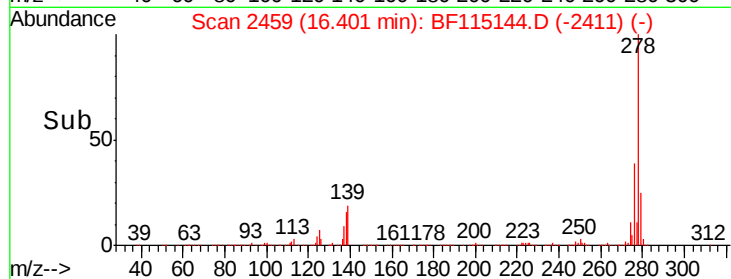
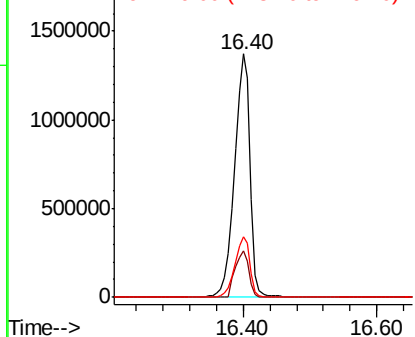


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.975 ng
RT: 16.77 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF115144.D
Acq: 24 Jun 2019 12:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	24.5	19.8	29.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

