

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115274.D
 Acq On : 28 Jun 2019 12:02
 Operator : HP/JU
 Sample : PB120979BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Manual Integrations
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 7/1/2019 3:05:40 PM

Quant Time: Jun 29 04:35:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	265649	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1013290	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	507049	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	973159	20.00	ng	0.00
76) Chrysene-d12	13.72	240	642921	20.00	ng	0.00
87) Perylene-d12	15.09	264	803422	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1952016	113.39	ng	0.02
7) Phenol-d6	6.25	99	2404409	115.08	ng	0.01
23) Nitrobenzene-d5	7.17	82	1523070	92.46	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	711357	133.04	ng	0.01
45) 2-Fluorobiphenyl	8.96	172	2770939	92.83	ng	0.00
79) Terphenyl-d14	12.68	244	2926350	96.78	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	263134	32.388	ng	100
3) Pyridine	2.89	79	758620	33.130	ng	97
4) n-Nitrosodimethylamine	2.84	42	332797	37.073	ng	95
6) Aniline	6.27	93	716273	24.943	ng	# 21
8) 2-Chlorophenol	6.39	128	805280	41.602	ng	98
9) Benzaldehyde	6.14	77	159803	11.723	ng	99
10) Phenol	6.26	94	916052	37.428	ng	91
11) bis(2-Chloroethyl)ether	6.34	93	739706	41.001	ng	98
12) 1,3-Dichlorobenzene	6.54	146	854558	39.779	ng	100
13) 1,4-Dichlorobenzene	6.62	146	869842	40.379	ng	100
14) 1,2-Dichlorobenzene	6.77	146	809086	40.557	ng	99
15) Benzyl Alcohol	6.75	79	605028	39.766	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1068898	40.849	ng	98
17) 2-Methylphenol	6.87	107	677921	42.430	ng	98
18) Hexachloroethane	7.11	117	317006	40.818	ng	98
19) n-Nitroso-di-n-propylamine	7.03	70	523833	39.160	ng	100
20) 3+4-Methylphenols	7.02	107	761777	41.291	ng	# 79
22) Acetophenone	7.01	105	1075005	46.341	ng	# 96
24) Nitrobenzene	7.18	77	817213	45.033	ng	99
25) Isophorone	7.43	82	1531713	45.392	ng	99
26) 2-Nitrophenol	7.50	139	462839	51.646	ng	100
27) 2,4-Dimethylphenol	7.55	122	757932	51.655	ng	97
28) bis(2-Chloroethoxy)methane	7.64	93	960614	45.041	ng	100
29) 2,4-Dichlorophenol	7.75	162	715849	47.274	ng	99
30) 1,2,4-Trichlorobenzene	7.82	180	776071	46.399	ng	100
31) Naphthalene	7.91	128	2279127	45.821	ng	100
32) Benzoic acid	7.70	122	575430	54.940	ng	99
33) 4-Chloroaniline	7.95	127	383991	16.892	ng	99
34) Hexachlorobutadiene	8.03	225	420038	45.826	ng	97
35) Caprolactam	8.33	113	239326m	47.009	ng	
36) 4-Chloro-3-methylphenol	8.45	107	718312	46.841	ng	95
37) 2-Methylnaphthalene	8.60	142	1569036	46.785	ng	99
38) 1-Methylnaphthalene	8.70	142	1478936	46.173	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	655332	45.737	ng	99

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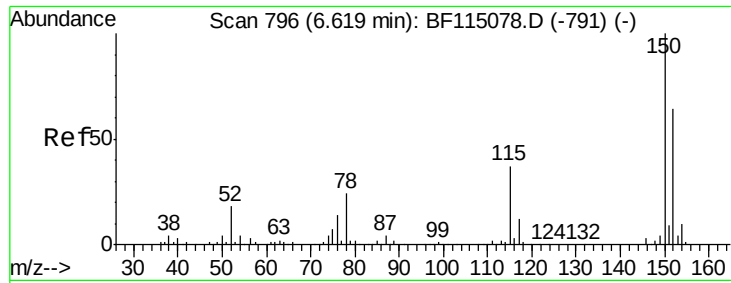
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	800357	94.202	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	521124	47.110	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	550993	48.368	ng	97
46) 1,1'-Biphenyl	9.06	154	1813599	44.702	ng	98
47) 2-Chloronaphthalene	9.08	162	1467596	44.595	ng	97
48) 2-Nitroaniline	9.17	65	433212	45.152	ng	97
49) Acenaphthylene	9.49	152	2281001	44.486	ng	99
50) Dimethylphthalate	9.37	163	1701302	45.606	ng	99
51) 2,6-Dinitrotoluene	9.42	165	409043	47.494	ng	100
52) Acenaphthene	9.67	154	1330931	41.482	ng	99
53) 3-Nitroaniline	9.58	138	264219	25.140	ng	94
54) 2,4-Dinitrophenol	9.70	184	469234	103.505	ng	97
55) Dibenzofuran	9.84	168	1965118	42.673	ng	100
56) 4-Nitrophenol	9.76	139	736433	87.401	ng	91
57) 2,4-Dinitrotoluene	9.82	165	538032	48.382	ng	97
58) Fluorene	10.18	166	1380461	45.029	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	474328	49.656	ng	98
60) Diethylphthalate	10.07	149	1698102	45.284	ng	99
61) 4-Chlorophenyl-phenylether	10.17	204	680425	47.003	ng	97
62) 4-Nitroaniline	10.20	138	451912	42.861	ng	97
63) Azobenzene	10.33	77	1529146	43.658	ng	99
65) 4,6-Dinitro-2-methylphenol	10.23	198	277493	53.013	ng	98
66) n-Nitrosodiphenylamine	10.29	169	1404762	46.333	ng	99
67) 4-Bromophenyl-phenylether	10.66	248	499519	47.343	ng	92
68) Hexachlorobenzene	10.72	284	538740	47.041	ng	94
69) Atrazine	10.82	200	466031	47.784	ng	99
70) Pentachlorophenol	10.91	266	650402	89.144	ng	99
71) Phenanthrene	11.13	178	2228259	42.527	ng	100
72) Anthracene	11.18	178	2301969	43.523	ng	98
73) Carbazole	11.33	167	2093926	44.335	ng	98
74) Di-n-butylphthalate	11.68	149	2505870	45.915	ng	98
75) Fluoranthene	12.31	202	2305982	44.110	ng	98
77) Benzidine	12.42	184	810660	28.396	ng	99
78) Pyrene	12.53	202	2375587	48.080	ng	98
80) Butylbenzylphthalate	13.17	149	1142191	52.383	ng	92
81) Benzo(a)anthracene	13.71	228	2152884	46.668	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	566271	33.992	ng	97
83) Chrysene	13.75	228	2039058	48.253	ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1493803	52.284	ng	99
85) Di-n-octyl phthalate	14.34	149	2563470	53.401	ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2614712	52.291	ng	99
88) Benzo(b)fluoranthene	14.72	252	2270583	45.293	ng	98
89) Benzo(k)fluoranthene	14.75	252	2092975	46.555	ng	99
90) Benzo(a)pyrene	15.04	252	2184212	48.340	ng	98
91) Dibenzo(a,h)anthracene	16.38	278	2122080	50.307	ng	99
92) Benzo(g,h,i)perylene	16.75	276	2235400	52.360	ng	99

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



#1

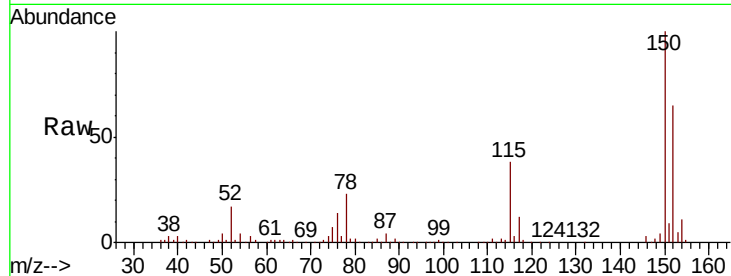
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.2	186.2
115	57.4	46.1	69.1

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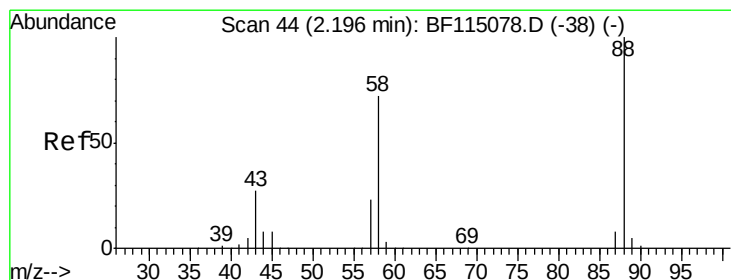
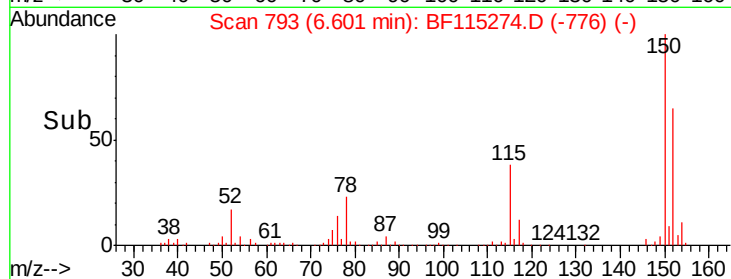
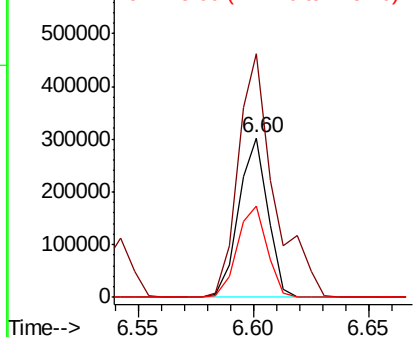


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

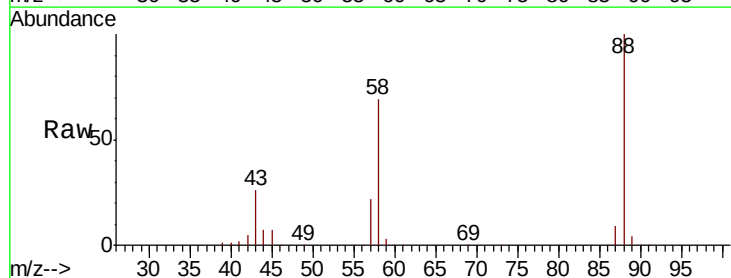
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.388 ng
RT: 2.24 min Scan# 52
Delta R.T. 0.09 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	56.1	84.1
43	26.3	21.3	31.9

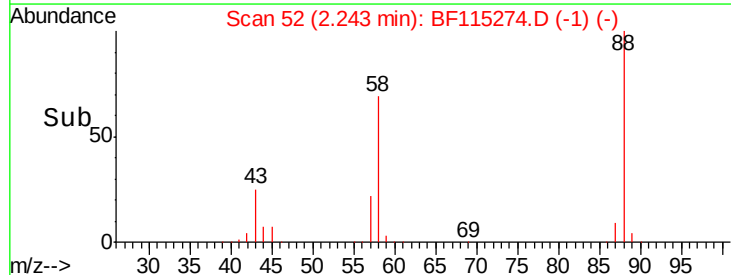
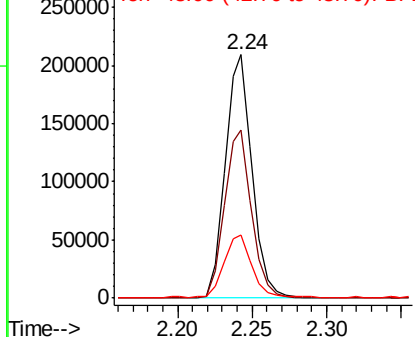


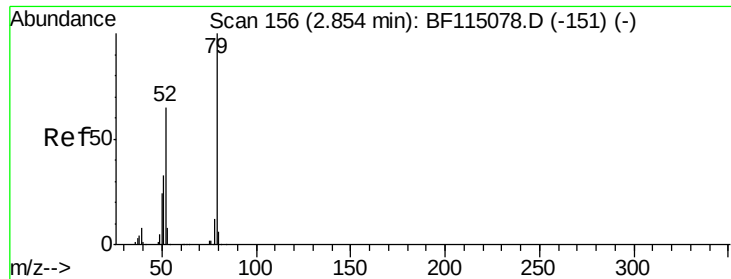
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





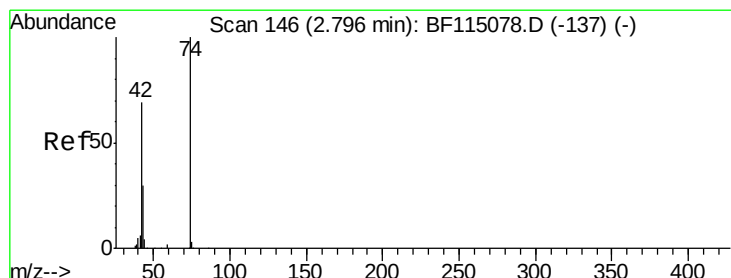
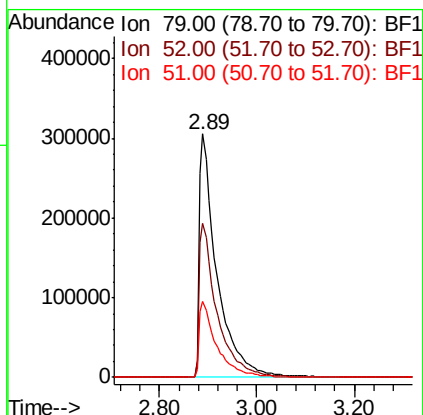
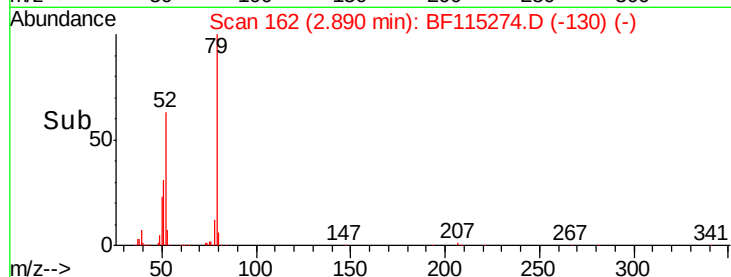
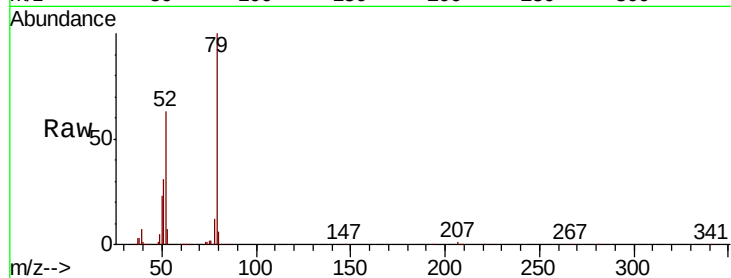
#3
 Pvridine
 Concen: 33.130 ng
 RT: 2.89 min Scan# 162
 Delta R.T. 0.09 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.4	52.3	78.5
51	31.0	26.1	39.1

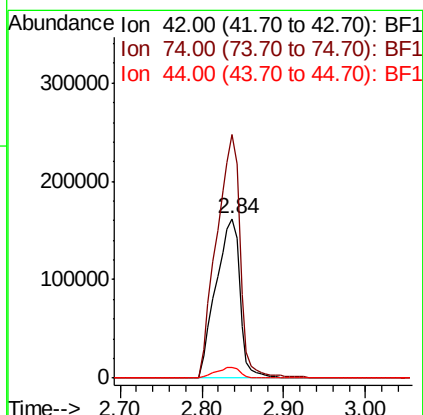
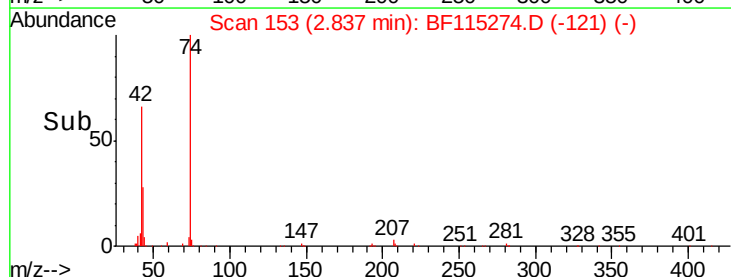
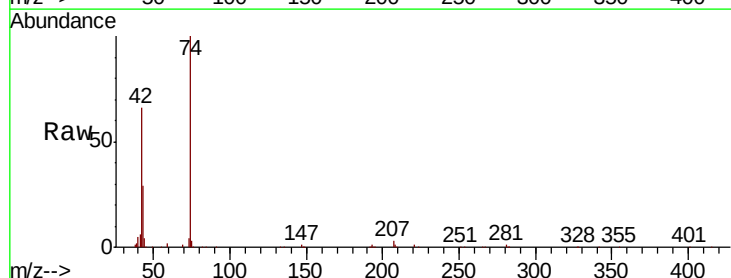
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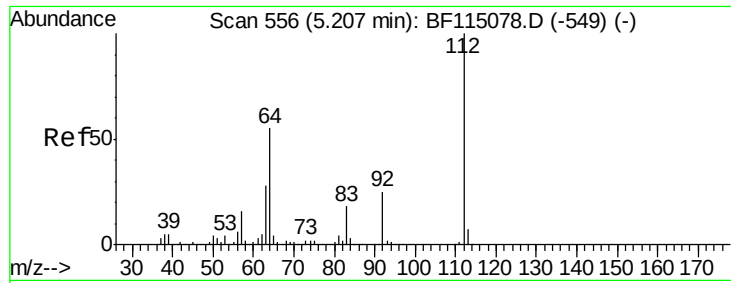
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#4
 n-Nitrosodimethylamine
 Concen: 37.073 ng
 RT: 2.84 min Scan# 153
 Delta R.T. 0.09 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.6	116.6	175.0
44	6.6	5.3	7.9





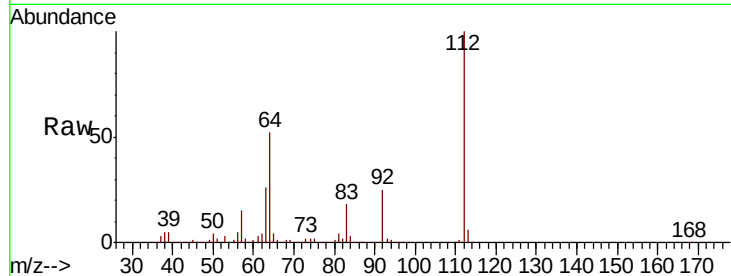
#5
2-Fluorophenol
Concen: 113.394 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

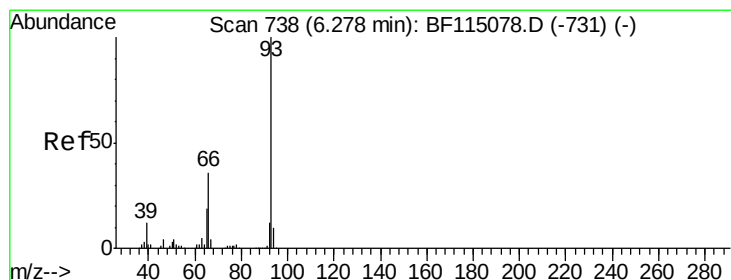
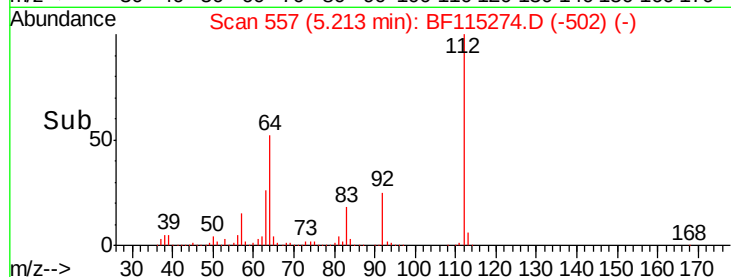
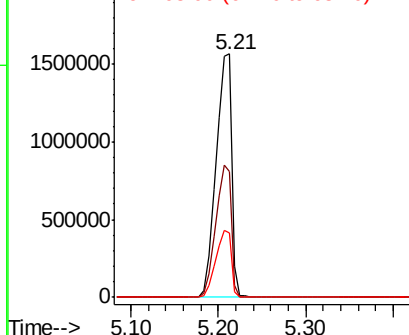
Tot Ion	Ratio	Lower	Upper
112	100		
64	51.7	43.8	65.6
63	26.4	22.2	33.4

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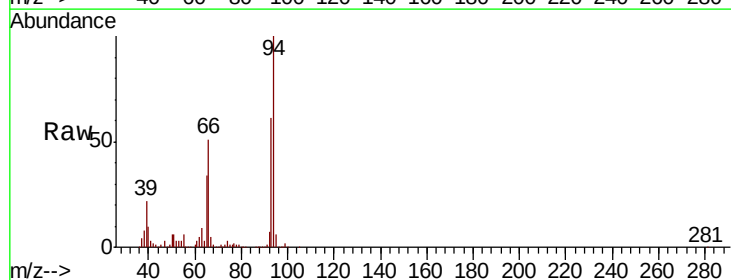


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

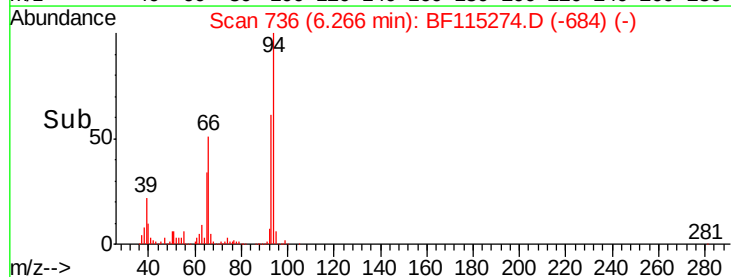
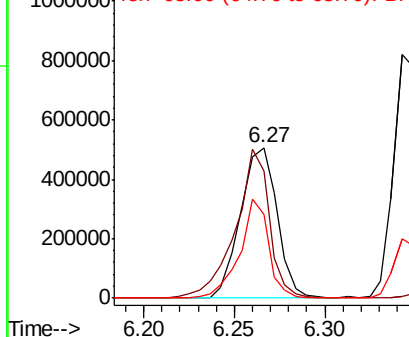


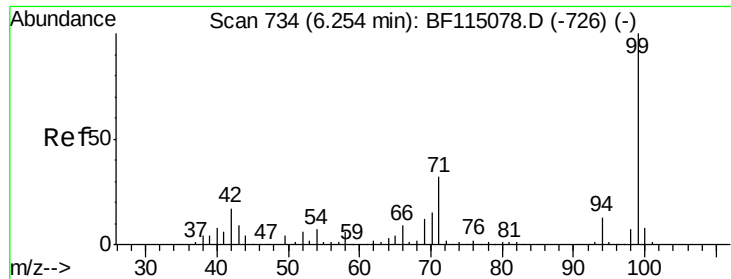
#6
Aniline
Concen: 24.943 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
66	84.3	30.0	45.0#
65	55.7	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: 115.075 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

Tot Ion: 99 Resp: 2404409

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

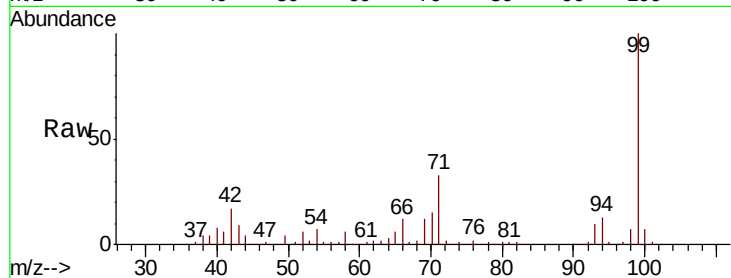
71 32.9 25.5 38.3

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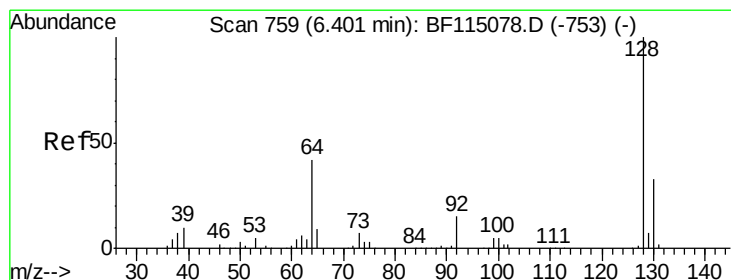
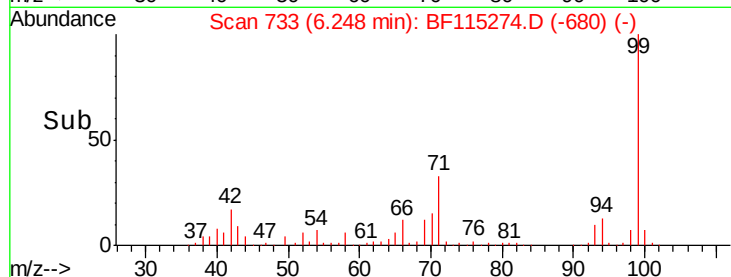
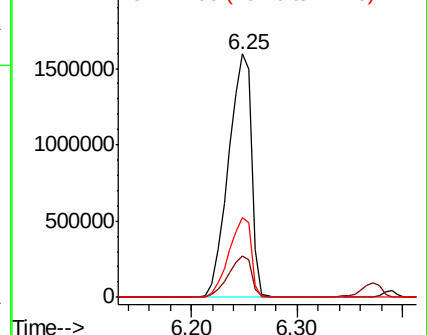
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.602 ng

RT: 6.39 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

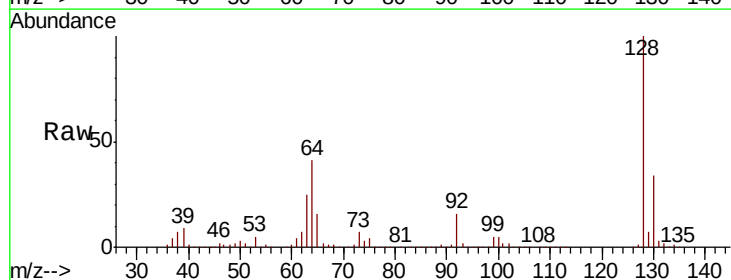
Tgt Ion: 128 Resp: 805280

Ion Ratio Lower Upper

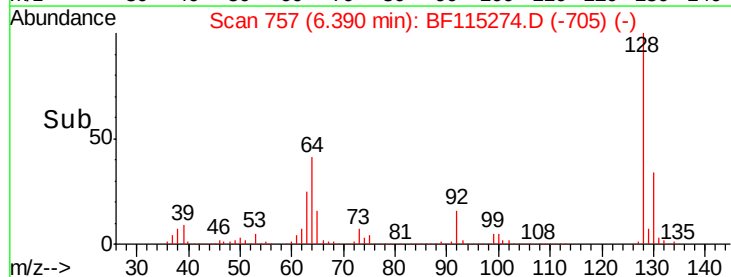
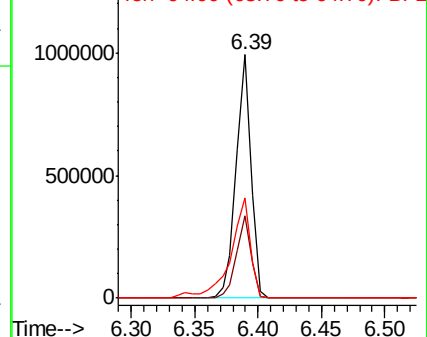
128 100

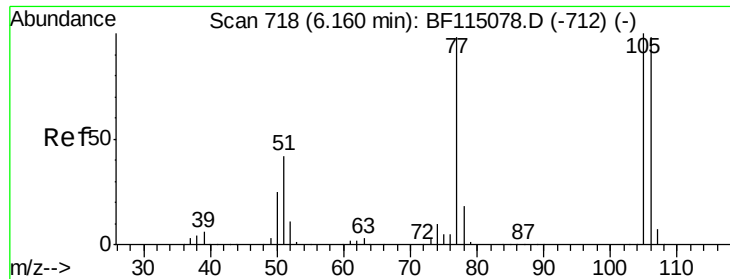
130 33.9 12.9 52.9

64 41.3 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: 11.723 ng

RT: 6.14 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

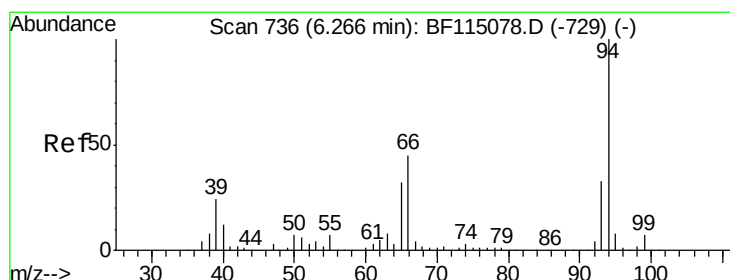
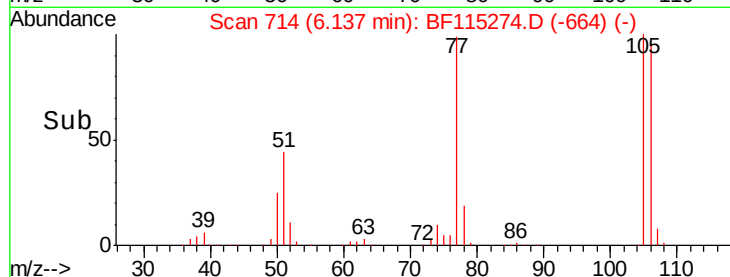
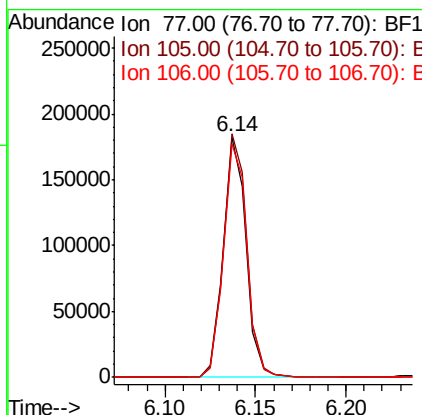
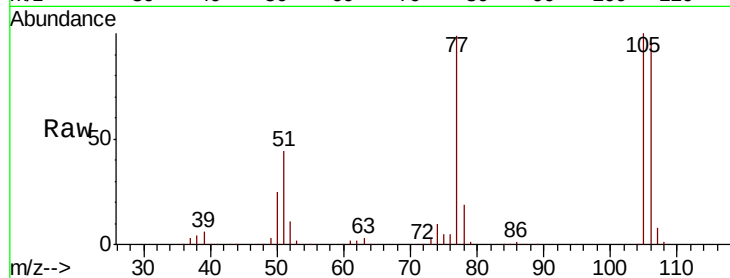
ClientSampleId :

PB120979BS

Tot Ion:	77	Resp:	159803
Ion	Ratio	Lower	Upper
77	100		
105	101.5	81.5	121.5
106	97.3	79.7	119.7

Manual Integrations
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#10

Phenol

Concen: 37.428 ng

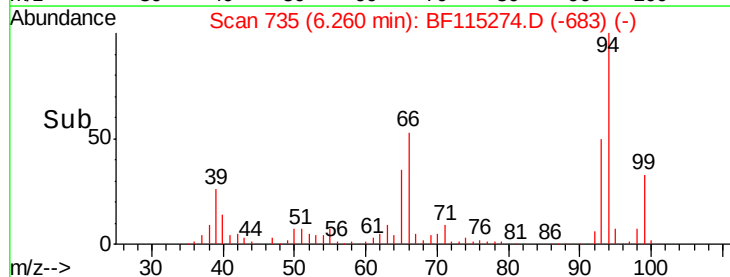
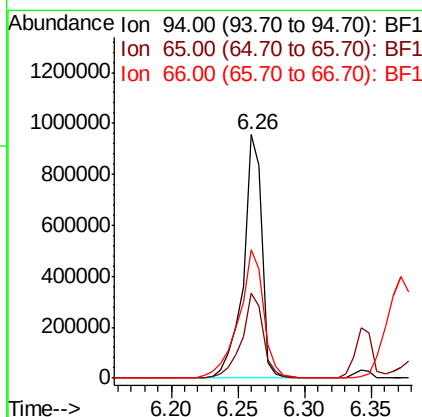
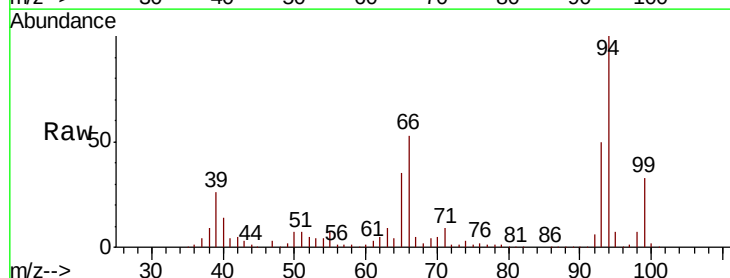
RT: 6.26 min Scan# 735

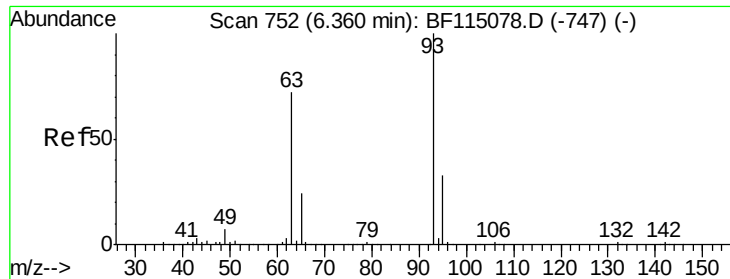
Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Tgt Ion:	94	Resp:	916052
Ion	Ratio	Lower	Upper
94	100		
65	35.0	11.9	51.9
66	52.7	25.2	65.2





#11

bis(2-Chloroethyl)ether

Concen: 41.001 ng

RT: 6.34 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

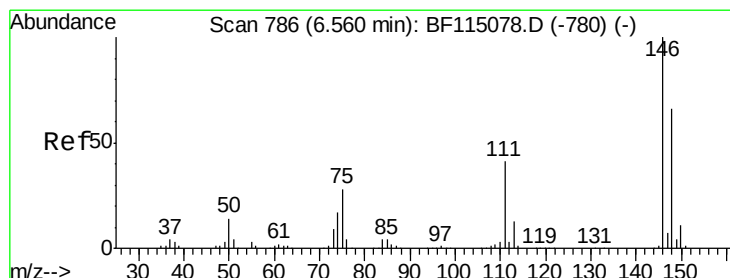
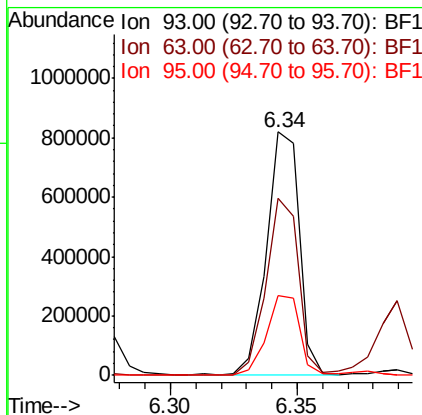
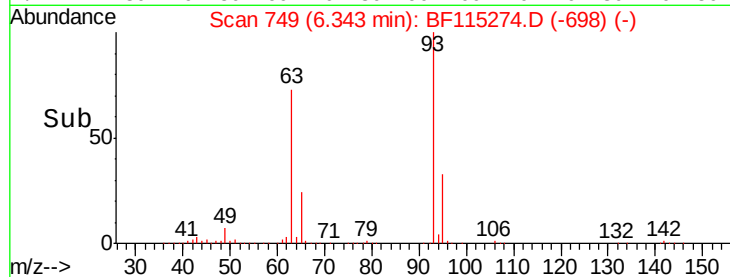
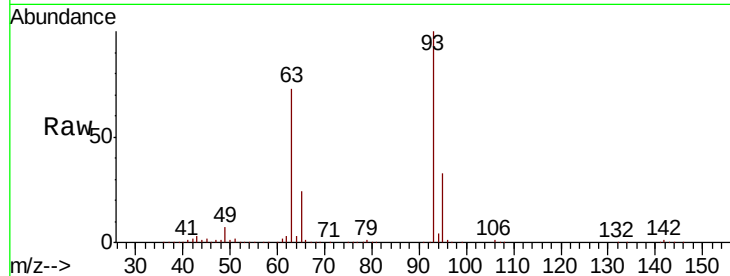
ClientSampleId :

PB120979BS

Tot Ion:	93	Resp:	739706
Ion	Ratio	Lower	Upper
93	100		
63	72.9	51.5	91.5
95	32.7	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 39.779 ng

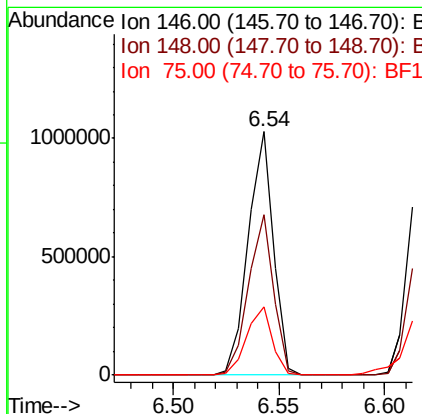
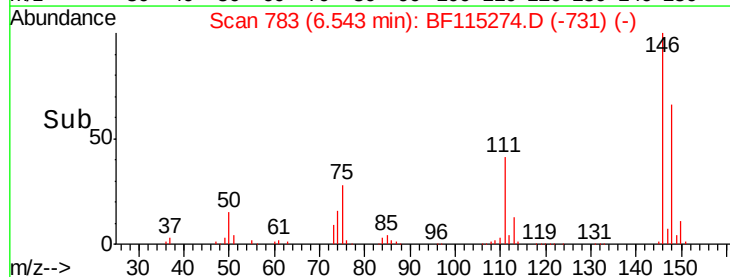
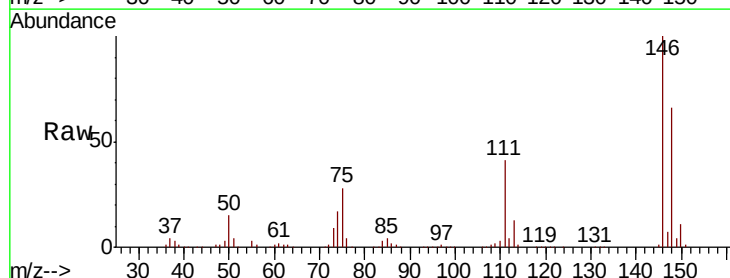
RT: 6.54 min Scan# 783

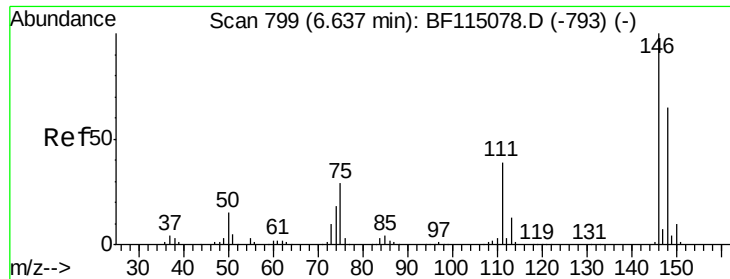
Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Tgt Ion:	146	Resp:	854558
Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.6	78.8
75	28.3	22.6	34.0





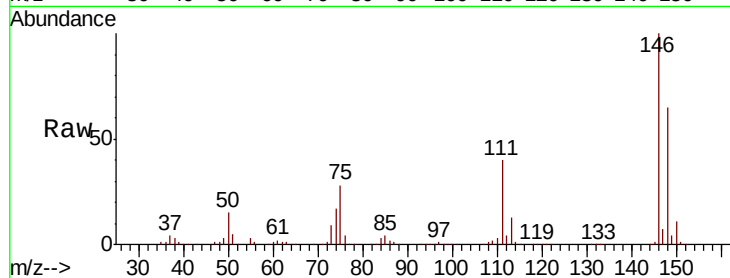
#13
 1,4-Dichlorobenzene
 Concen: 40.379 ng
 RT: 6.62 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	39.7	31.4	47.0

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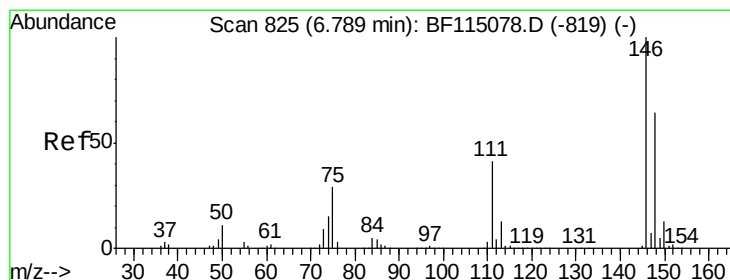
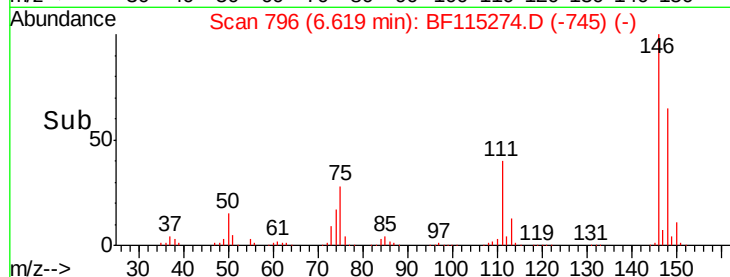
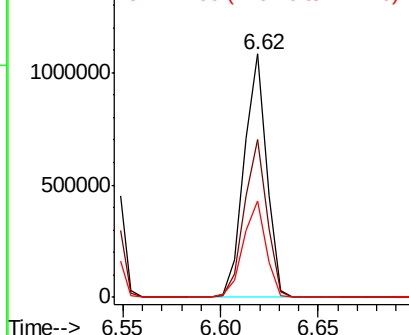


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.557 ng
 RT: 6.77 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

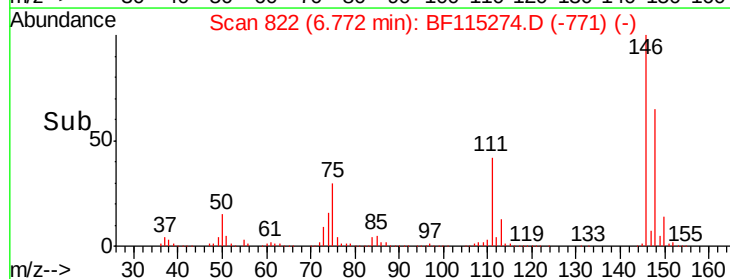
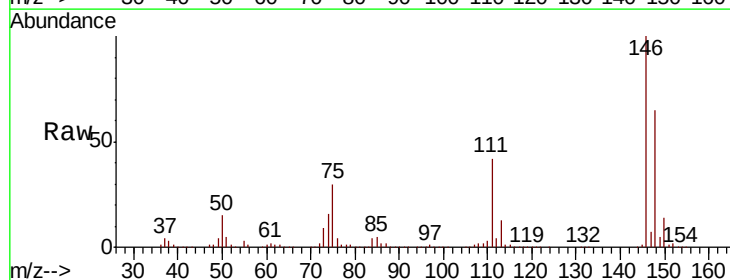
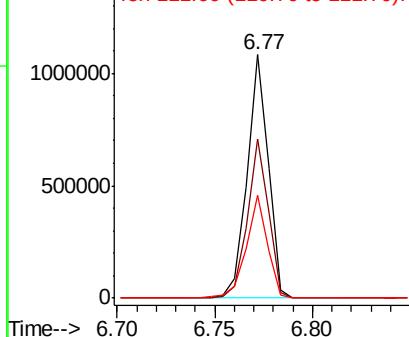
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.1	76.7
111	42.1	33.2	49.8

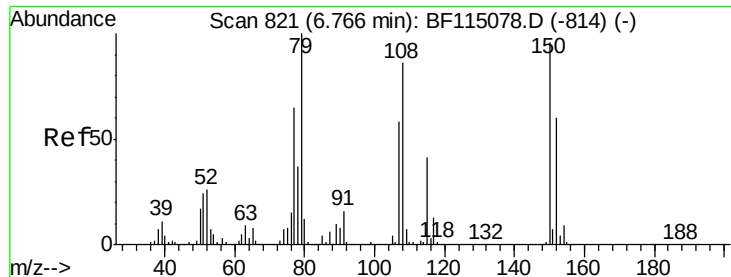
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.766 ng

RT: 6.75 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

Tot Ion: 79 Resp: 605028

Ion Ratio Lower Upper

79 100

108 82.2 68.7 103.1

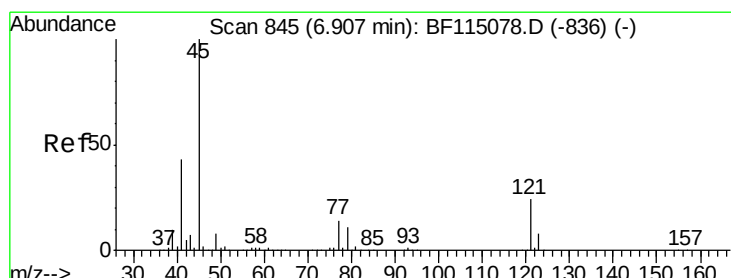
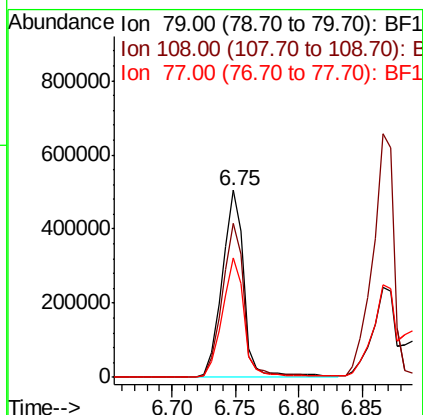
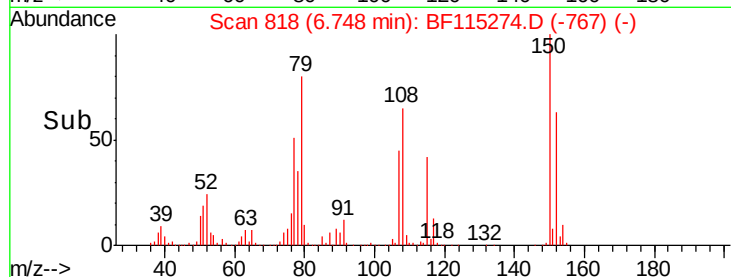
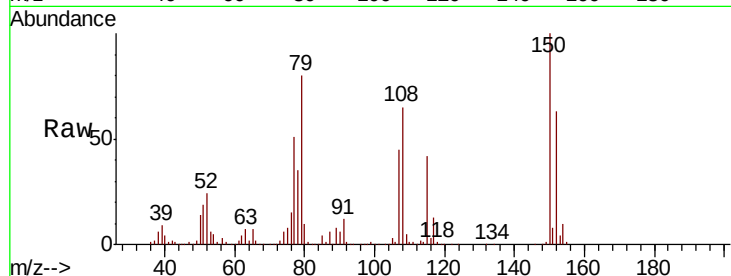
77 63.8 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.849 ng

RT: 6.89 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

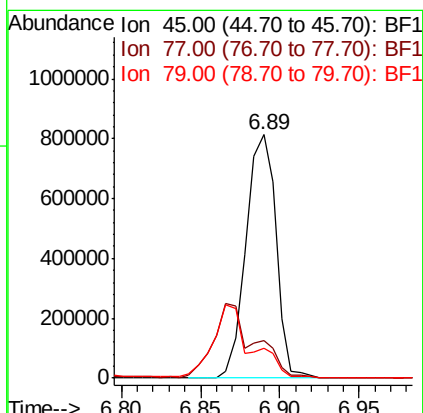
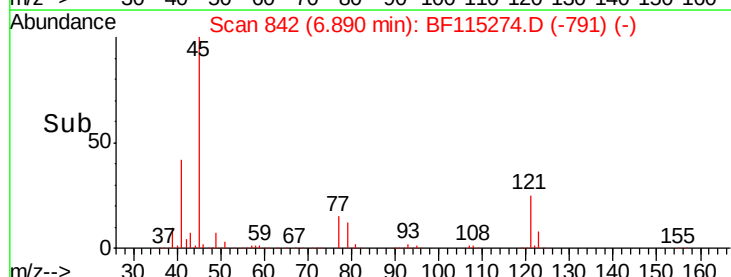
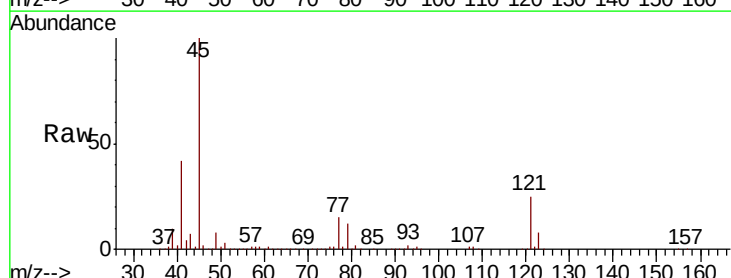
Tgt Ion: 45 Resp: 1068898

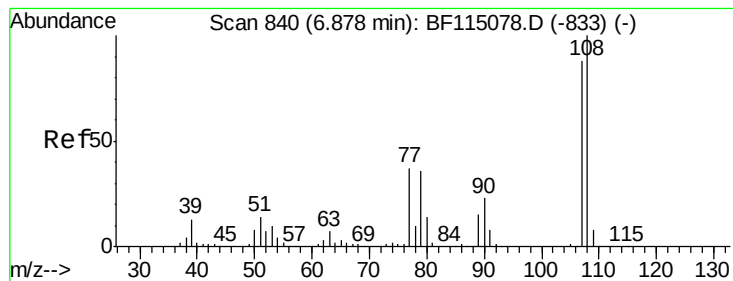
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.6

79 12.0 0.0 31.2





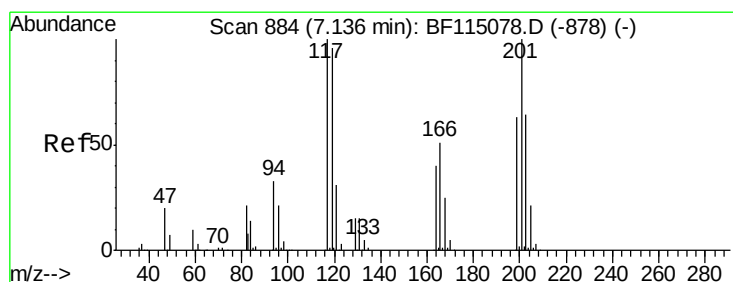
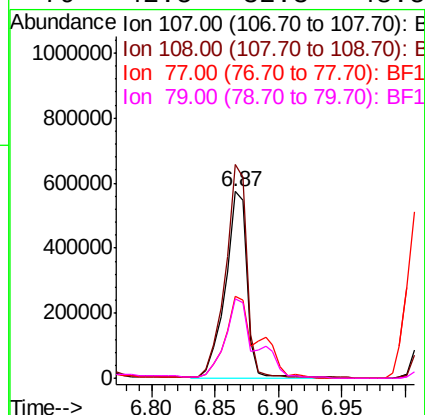
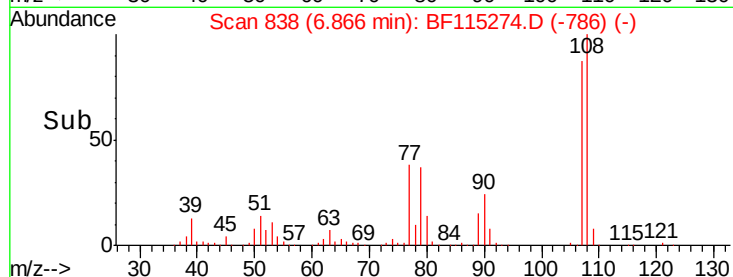
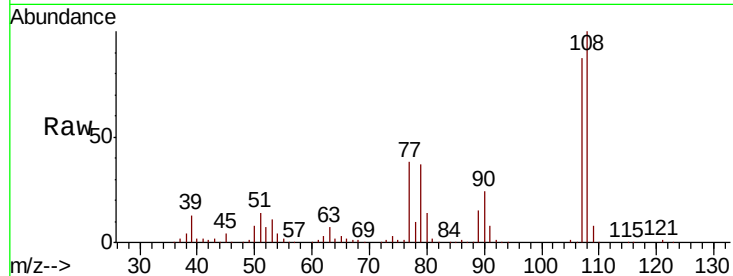
#17
2-Methylphenol
Concen: 42.430 ng
RT: 6.87 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	677921		
108	108.00	114.7		90.9	136.3
77	77.00	43.8		33.4	50.2
79	79.00	42.5		32.3	48.5

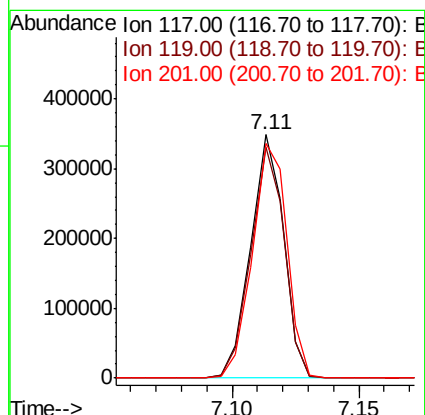
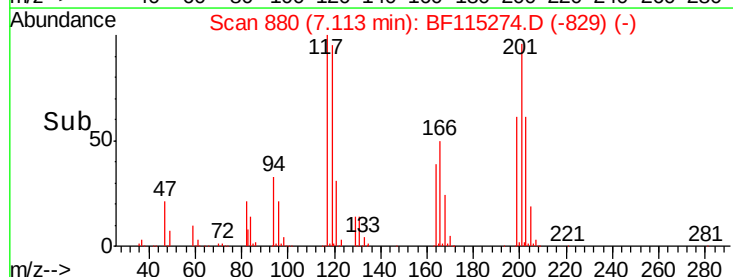
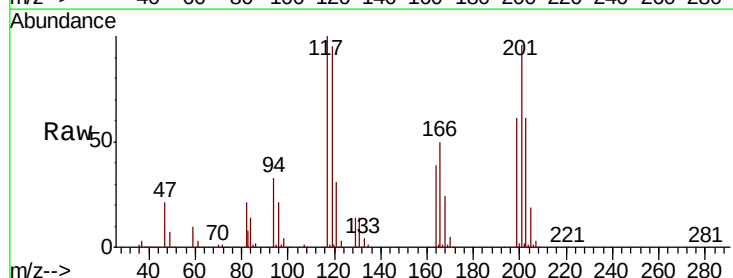
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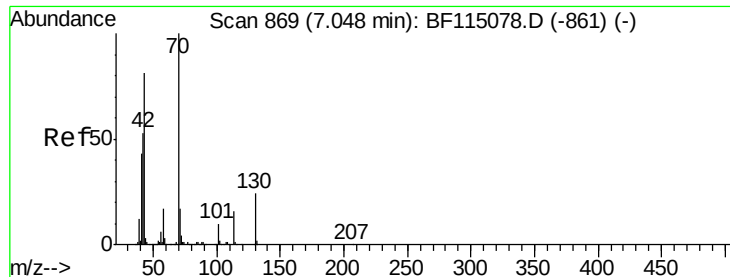
mohammad
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#18
Hexachloroethane
Concen: 40.818 ng
RT: 7.11 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	317006		
119	119.00	94.8		76.6	114.8
201	201.00	96.5		80.2	120.2





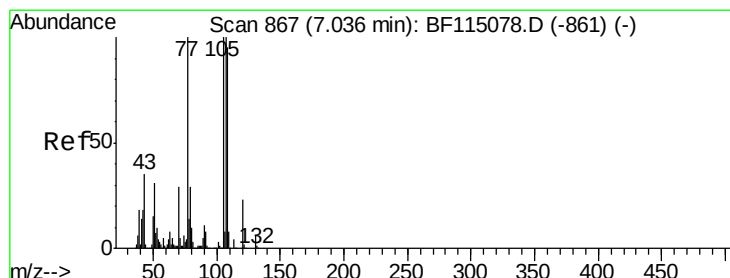
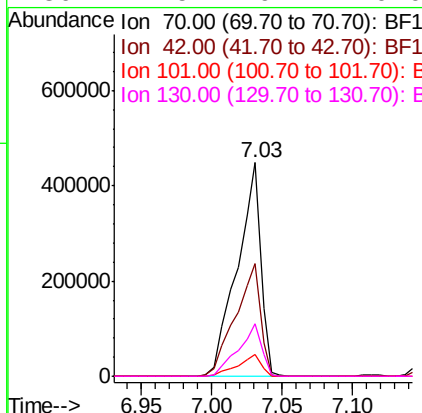
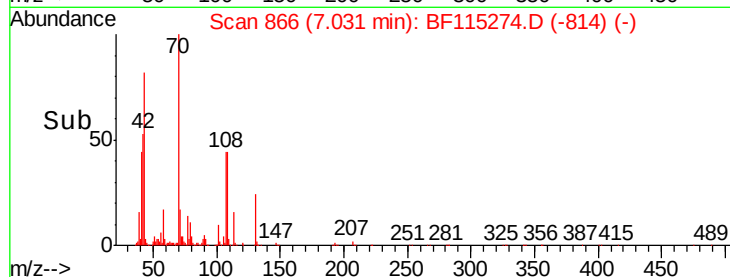
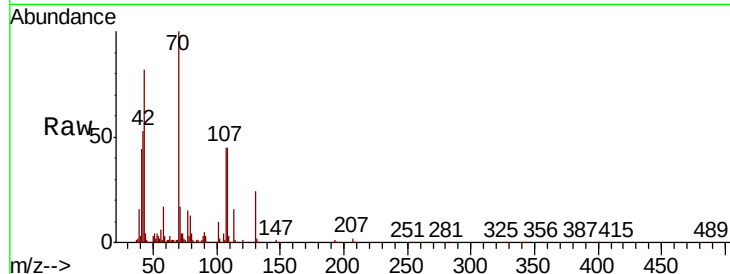
#19
n-Nitroso-di-n-propylamine
Concen: 39.160 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.9	42.6	63.8		
101	10.1	8.0	12.0		
130	24.5	19.4	29.0		

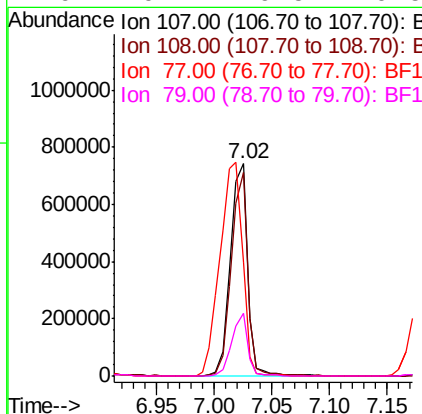
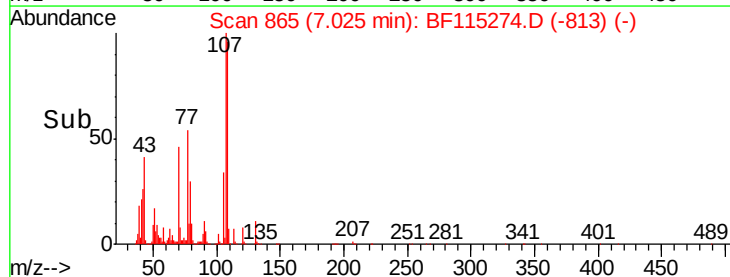
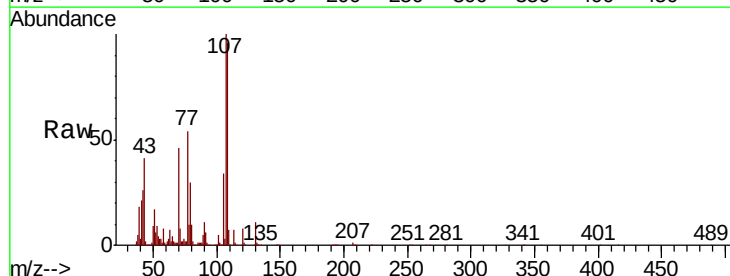
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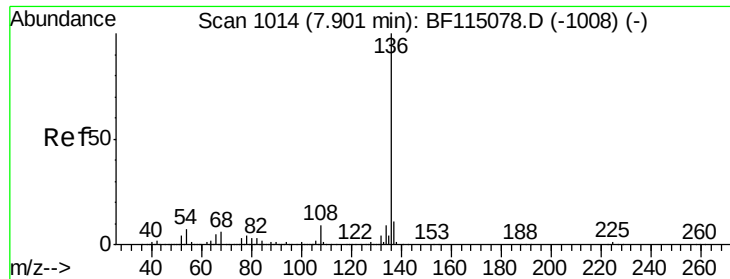
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#20
3+4-Methylphenols
Concen: 41.291 ng
RT: 7.02 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.8	75.5	115.5		
77	53.7	80.2	120.2		
79	29.7	9.5	49.5		





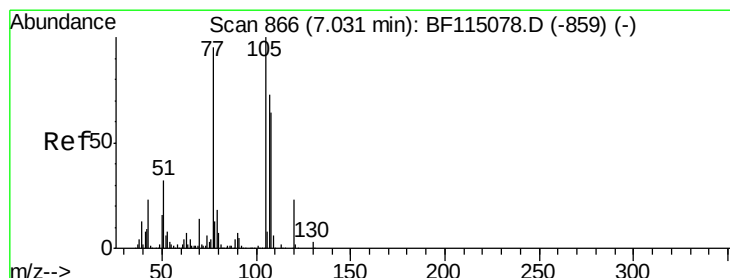
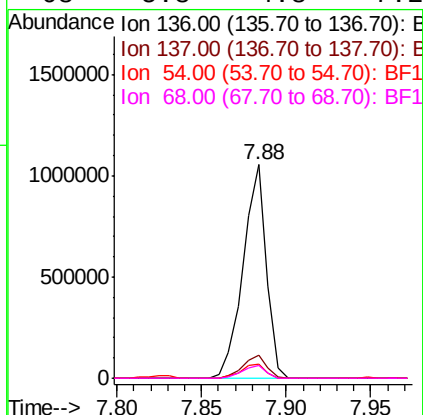
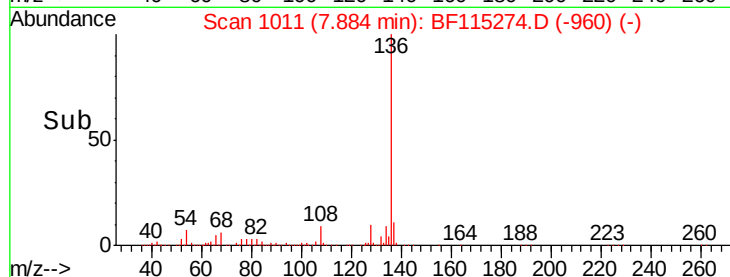
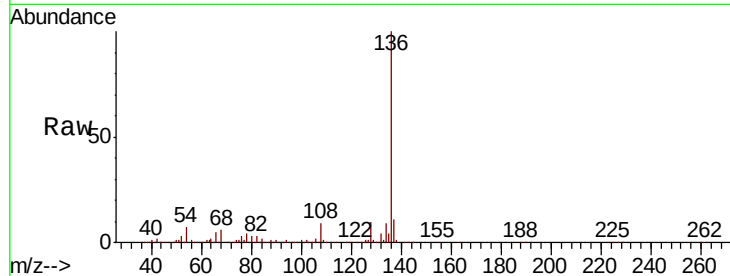
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	136	Resp	1013290
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.7	5.6	8.4
68	5.8	4.8	7.2

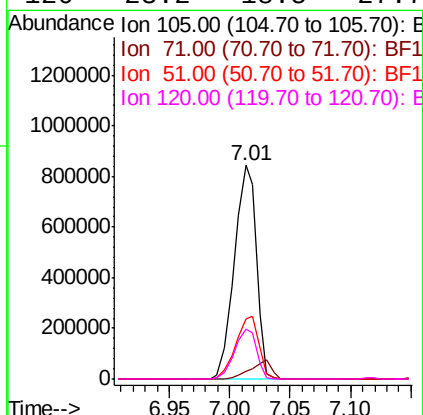
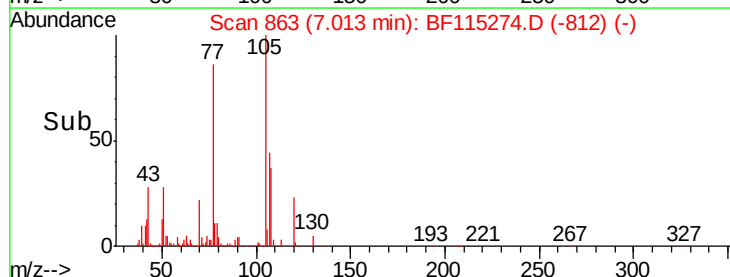
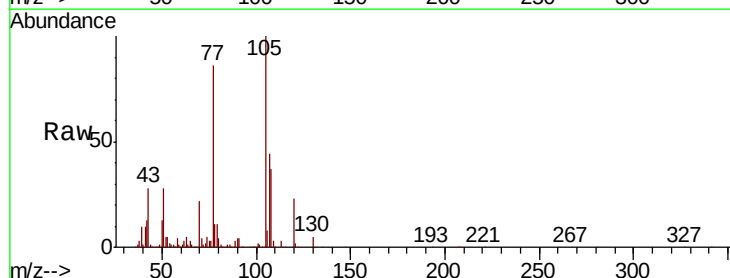
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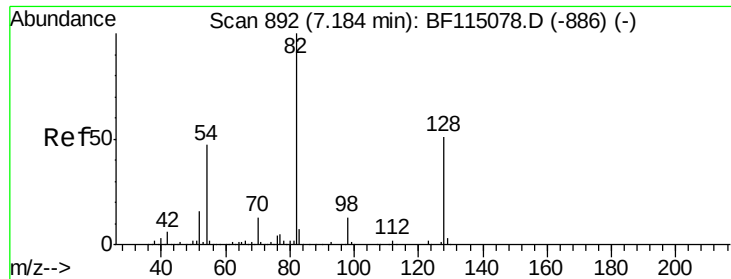
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#22
Acetophenone
Concen: 46.341 ng
RT: 7.01 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	105	Resp	1075005
Ion	Ratio	Lower	Upper
105	100		
71	3.6	1.9	2.9#
51	28.2	25.8	38.8
120	23.2	18.5	27.7





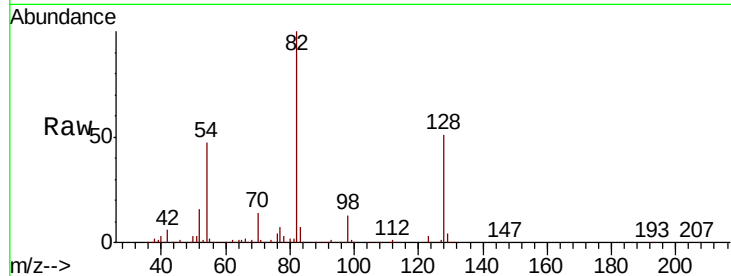
#23
 Nitrobenzene-d5
 Concen: 92.463 ng
 RT: 7.17 min Scan# 889
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tot Ion	82	Resp	1523070
Ion Ratio	100	Lower	Upper
82	100		
128	51.4	40.4	60.6
54	47.4	37.5	56.3

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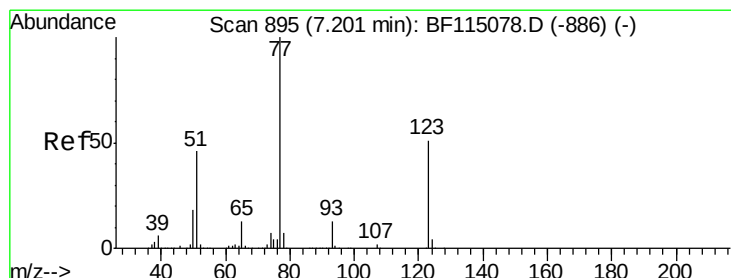
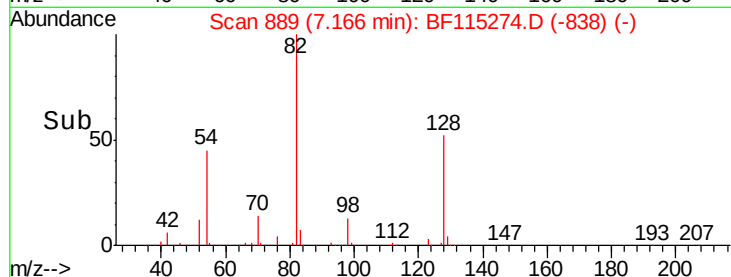
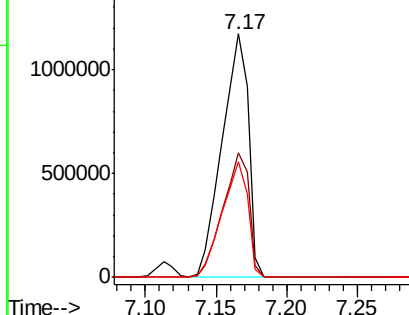


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 45.033 ng
 RT: 7.18 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

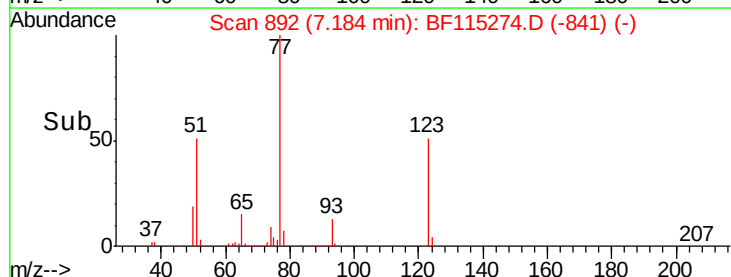
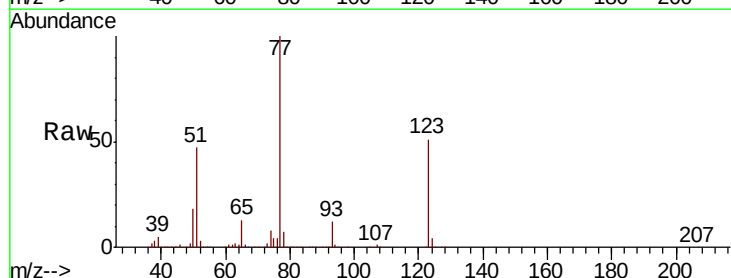
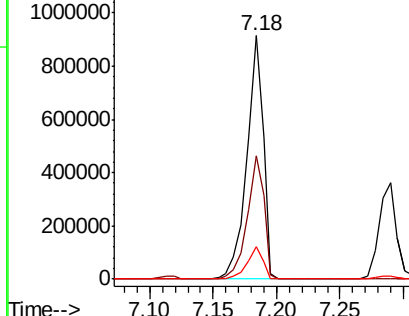
Tgt Ion	77	Resp	817213
Ion Ratio	100	Lower	Upper
77	100		
123	50.8	41.0	61.6
65	13.4	10.5	15.7

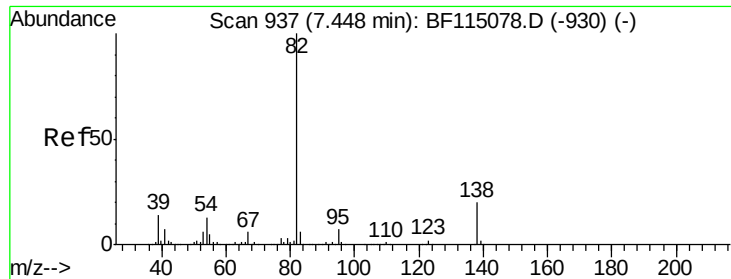
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.392 ng

RT: 7.43 min Scan# 934

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

Tot Ion: 82 Resp: 1531713

Ion Ratio Lower Upper

82 100

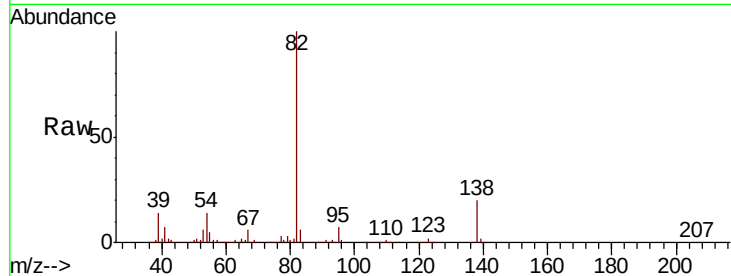
95 6.9 5.4 8.2

138 20.3 15.9 23.9

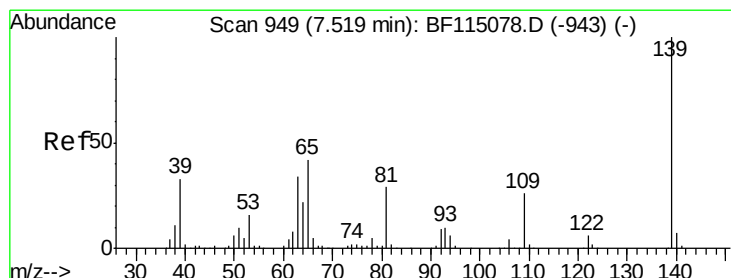
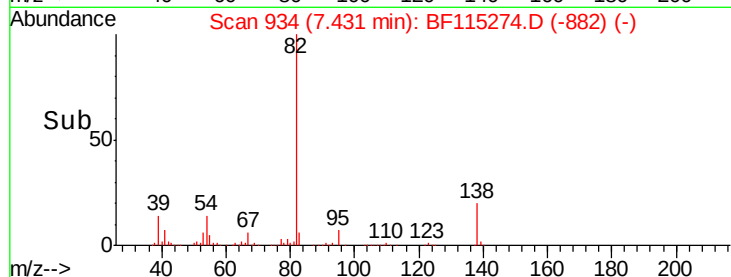
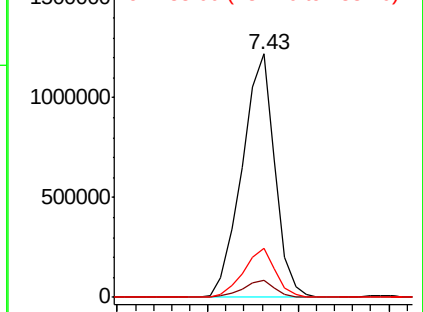
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.646 ng

RT: 7.50 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

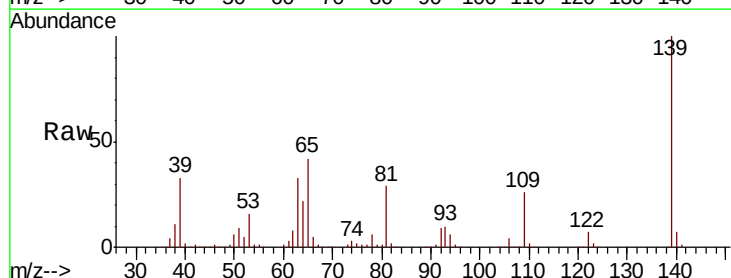
Tgt Ion: 139 Resp: 462839

Ion Ratio Lower Upper

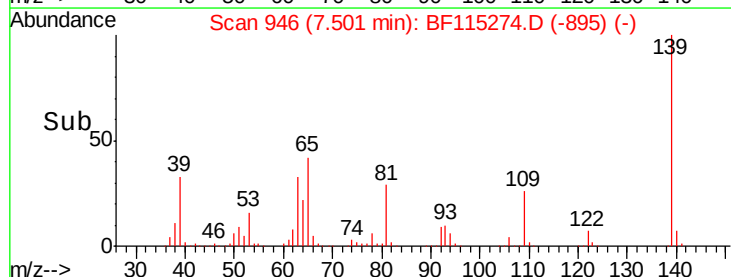
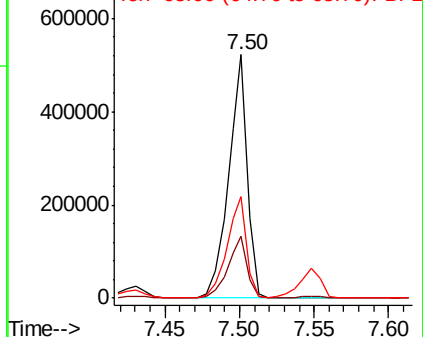
139 100

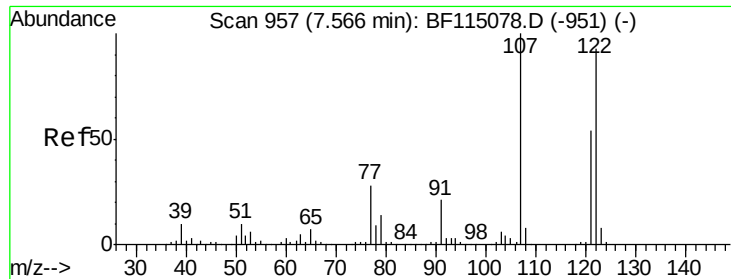
109 25.5 20.4 30.6

65 41.9 33.6 50.4



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





#27

2,4-Dimethylphenol

Concen: 51.655 ng

RT: 7.55 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

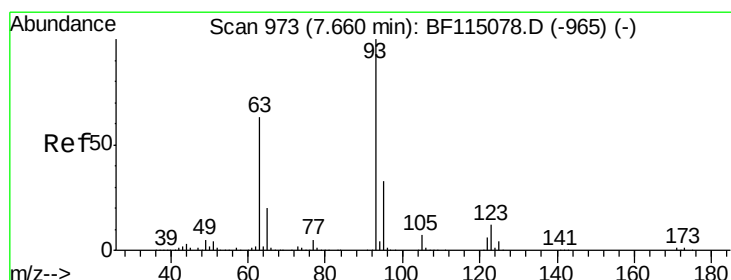
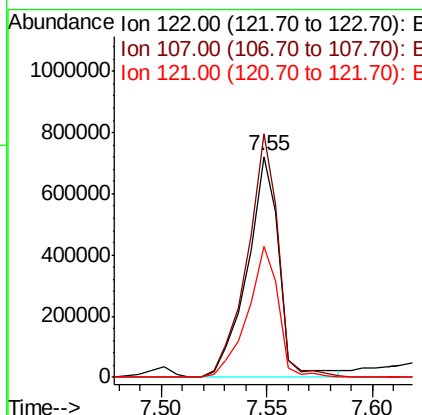
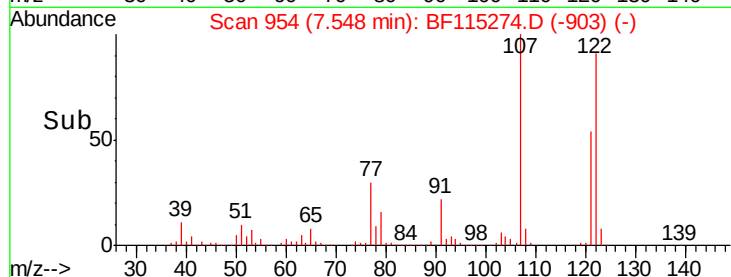
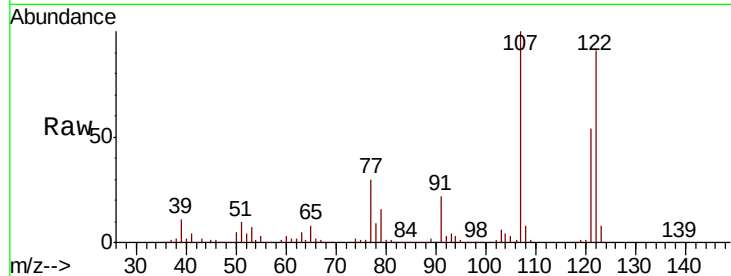
ClientSampled :

PB120979BS

Tot Ion:	122	Resp:	757932
Ion Ratio	Lower	Upper	
122	100		
107	110.2	85.8	128.6
121	59.3	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 45.041 ng

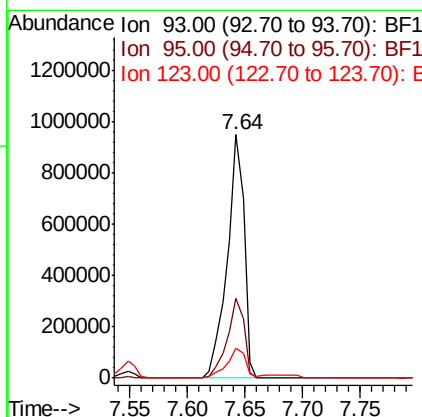
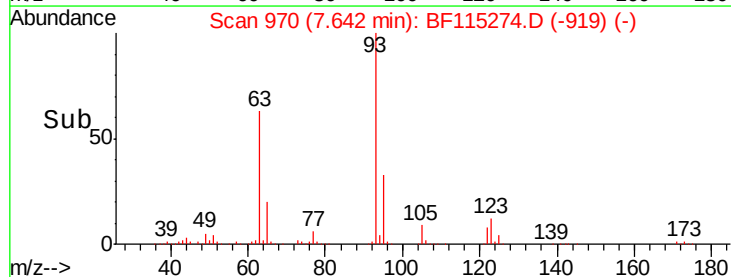
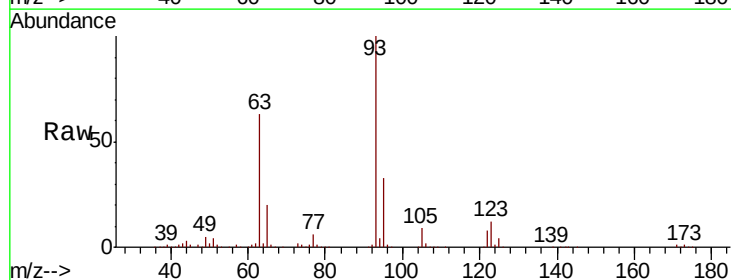
RT: 7.64 min Scan# 970

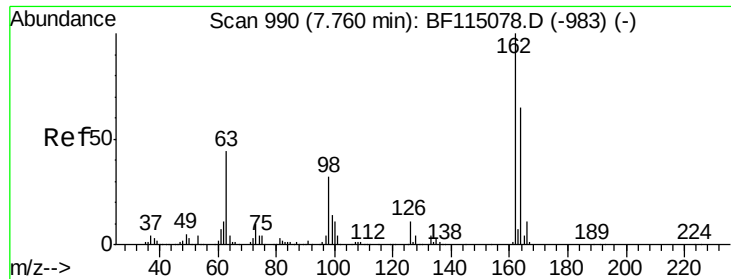
Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Tgt Ion:	93	Resp:	960614
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.2	39.4
123	12.3	9.7	14.5





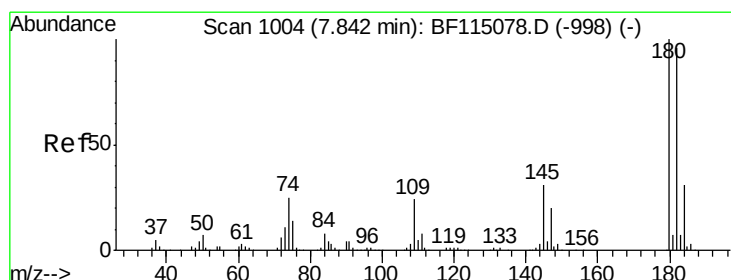
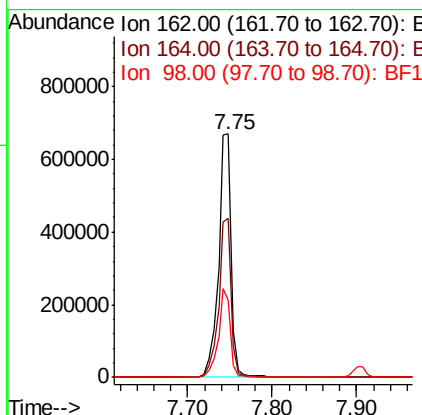
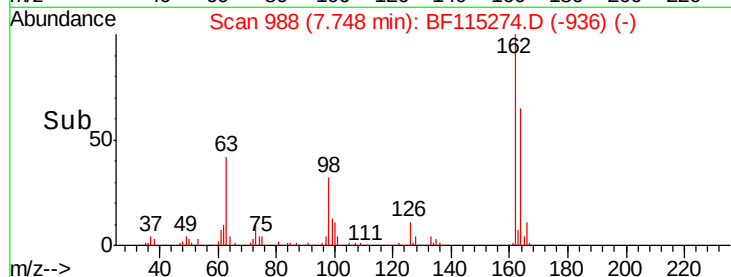
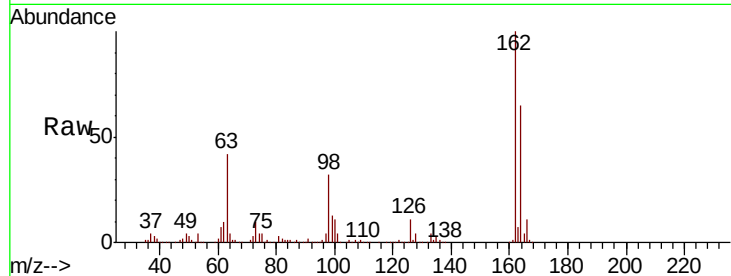
#29
2,4-Dichlorophenol
Concen: 47.274 ng
RT: 7.75 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	715849		
164	65.2	45.3	85.3	
98	31.6	12.5	52.5	

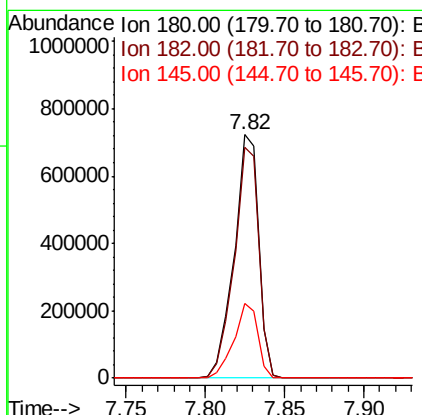
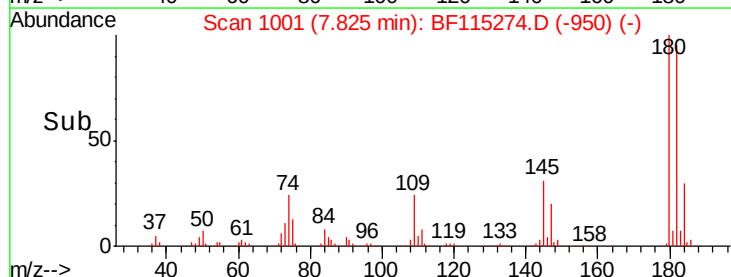
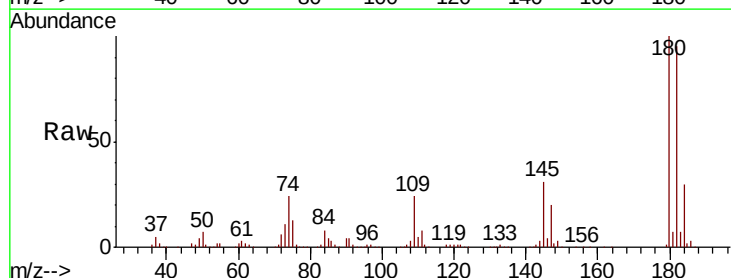
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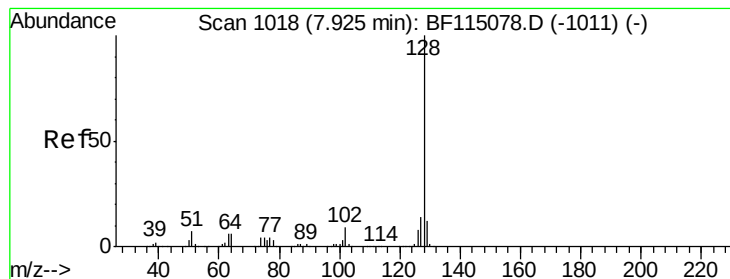
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#30
1,2,4-Trichlorobenzene
Concen: 46.399 ng
RT: 7.82 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	776071		
182	95.0	76.4	114.6	
145	30.8	24.8	37.2	





#31

Naphthalene

Concen: 45.821 ng

RT: 7.91 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

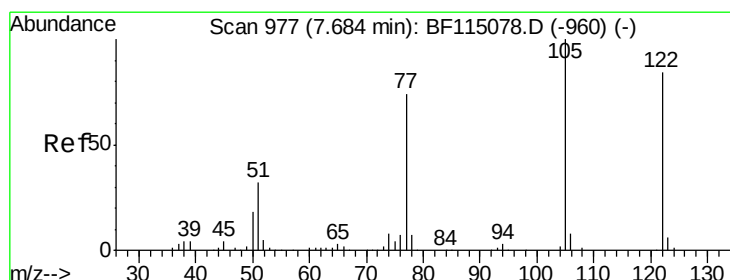
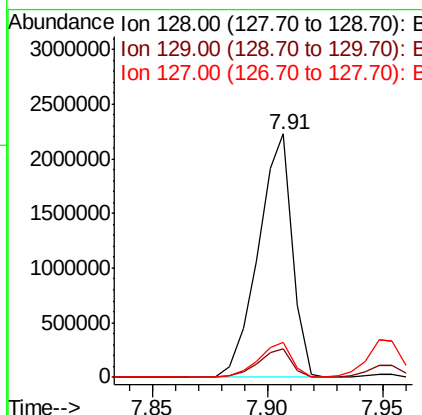
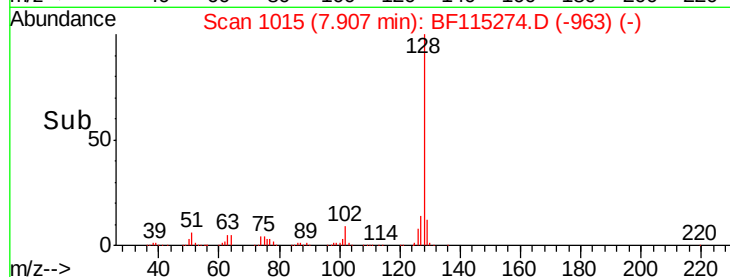
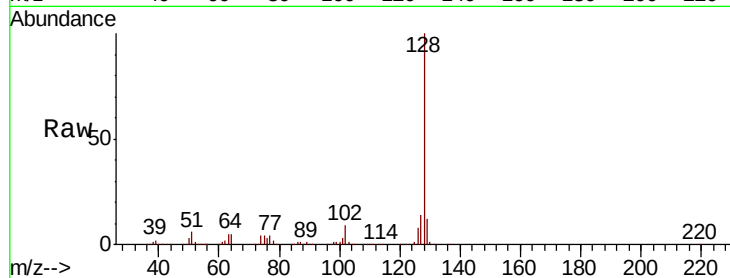
ClientSampleId :

PB120979BS

Tot Ion:128	Resp: 2279127
Ion Ratio	Lower Upper
128 100	
129 11.8	9.6 14.4
127 14.1	11.4 17.0

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#32

Benzoic acid

Concen: 54.940 ng

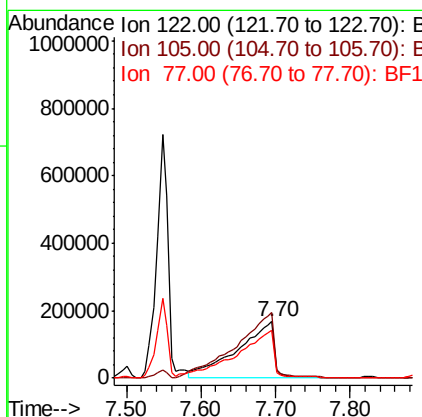
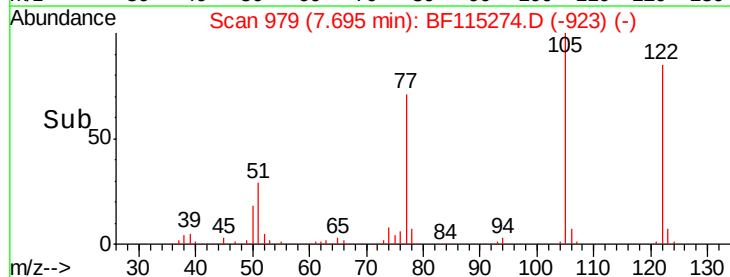
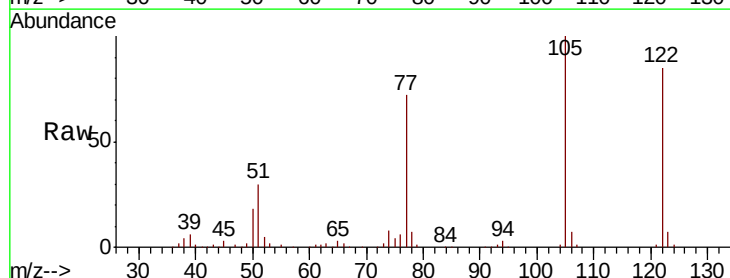
RT: 7.70 min Scan# 979

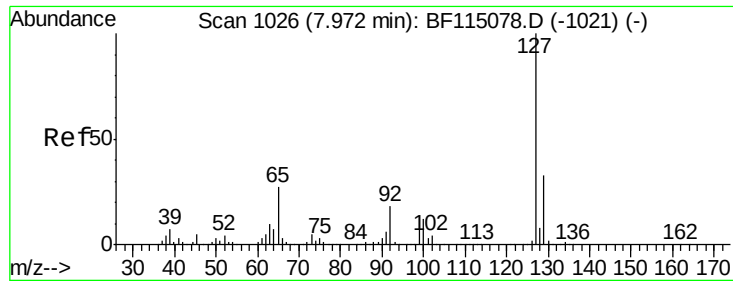
Delta R.T. 0.03 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Tgt Ion:122	Resp: 575430
Ion Ratio	Lower Upper
122 100	
105 117.7	98.2 138.2
77 84.7	67.0 107.0





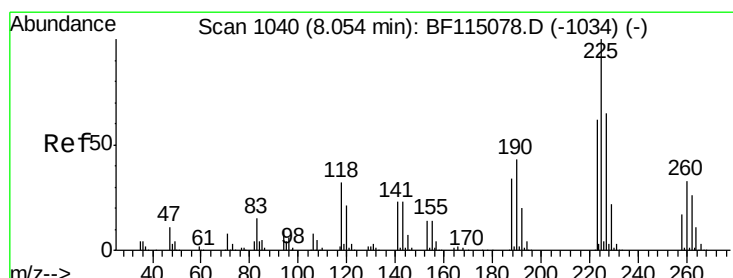
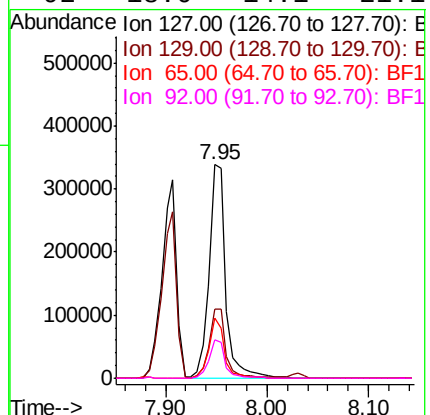
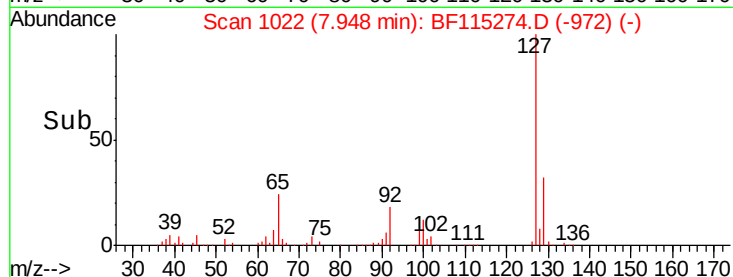
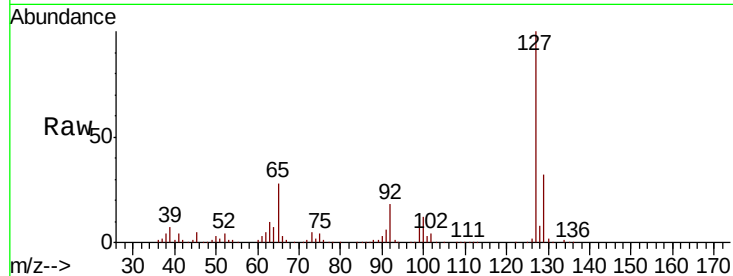
#33
4-Chloroaniline
Concen: 16.892 ng
RT: 7.95 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampled :
PB120979BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.1	39.1		
65	27.9	21.4	32.2		
92	18.0	14.1	21.1		

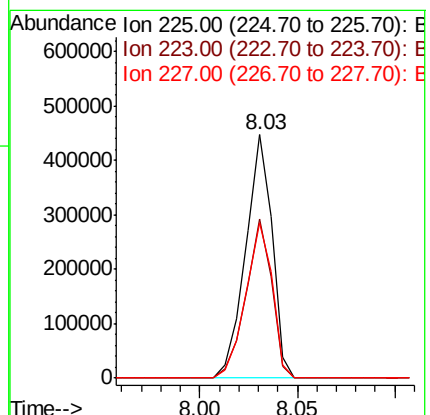
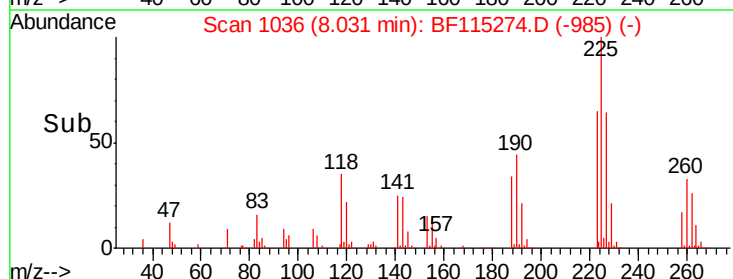
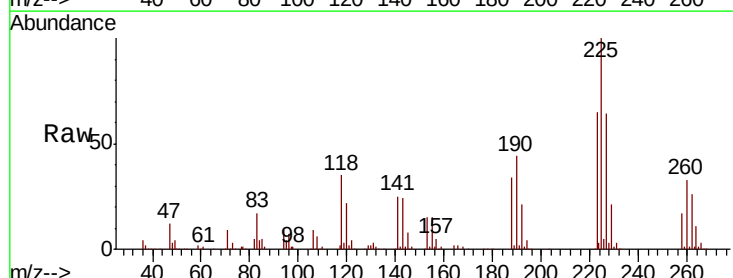
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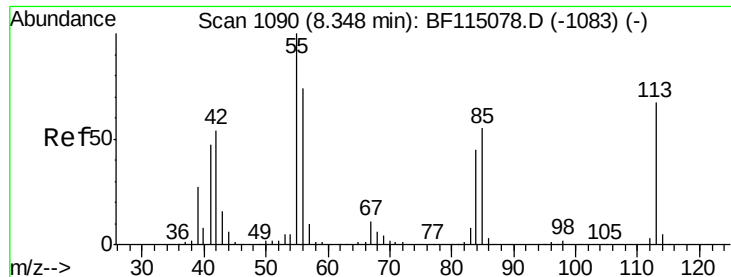
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#34
Hexachlorobutadiene
Concen: 45.826 ng
RT: 8.03 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	49.4	74.2		
227	64.0	51.8	77.8		





#35

Caprolactam

Concen: 47.009 ng/mL

RT: 8.33 min Scan# 1087

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

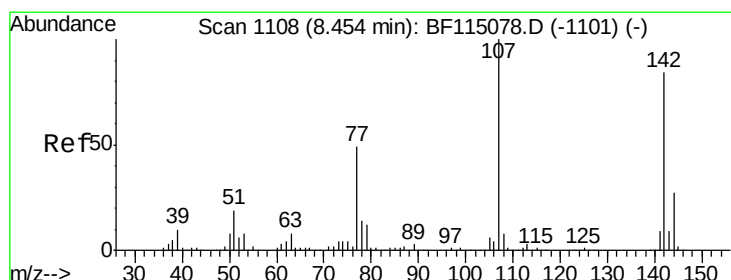
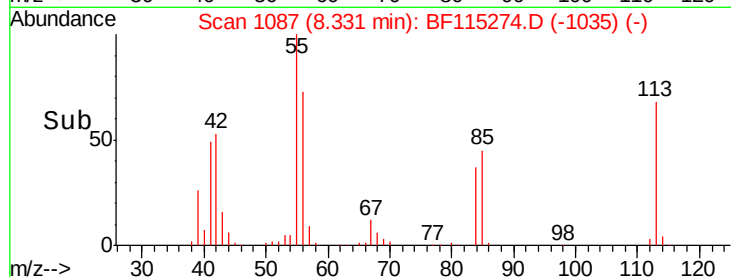
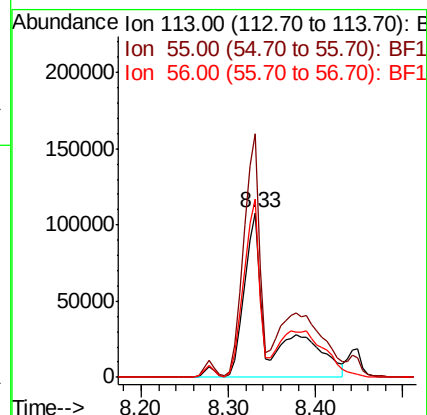
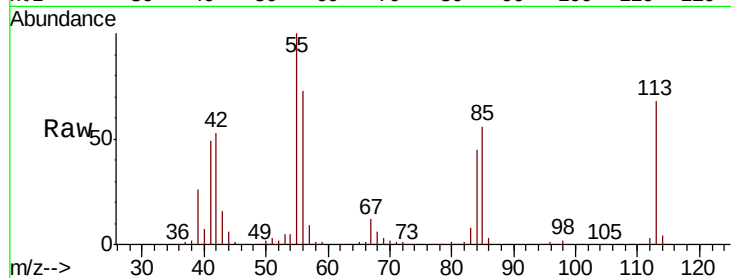
ClientSampleID :

PB120979BS

Tot Ion:	113	Resp:	239326
Ion Ratio	Lower	Upper	
113	100		
55	148.1	130.2	170.2
56	108.1	91.6	131.6

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#36

4-Chloro-3-methylphenol

Concen: 46.841 ng/mL

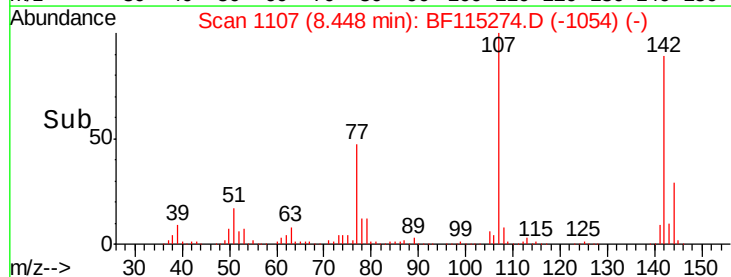
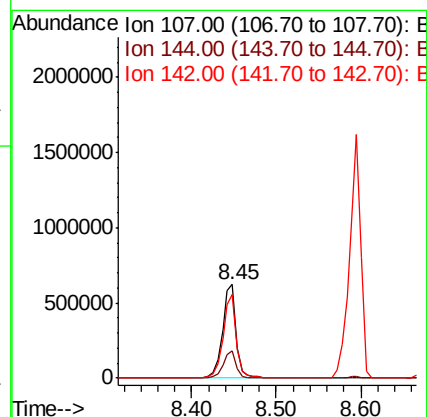
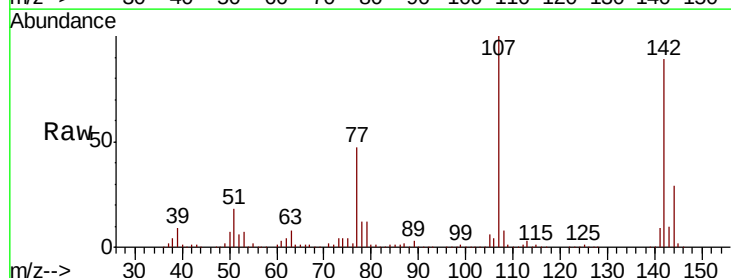
RT: 8.45 min Scan# 1107

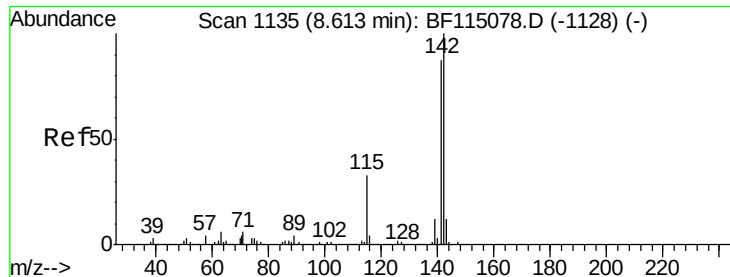
Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Tgt Ion:	107	Resp:	718312
Ion Ratio	Lower	Upper	
107	100		
144	28.6	21.7	32.5
142	88.5	67.0	100.4





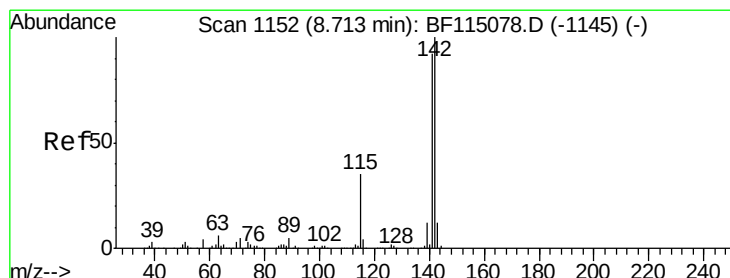
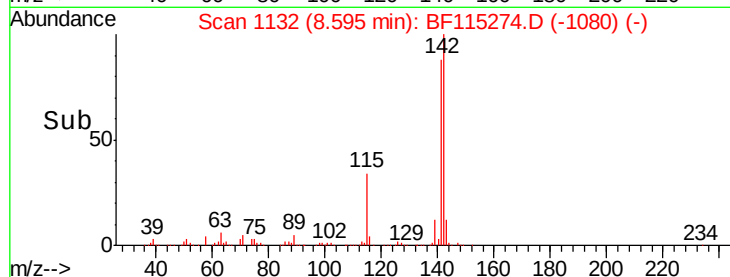
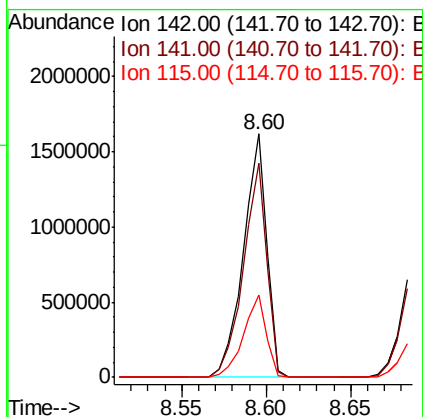
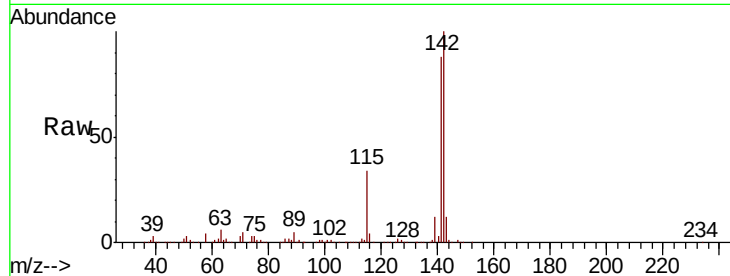
#37
2-Methylnaphthalene
Concen: 46.785 ng
RT: 8.60 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion:142 Resp: 1569036
Ion Ratio Lower Upper
142 100
141 88.2 69.8 104.6
115 34.0 26.7 40.1

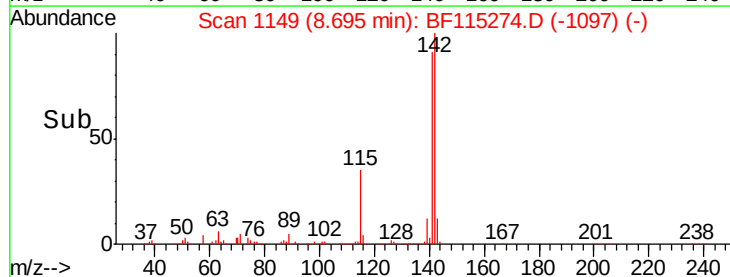
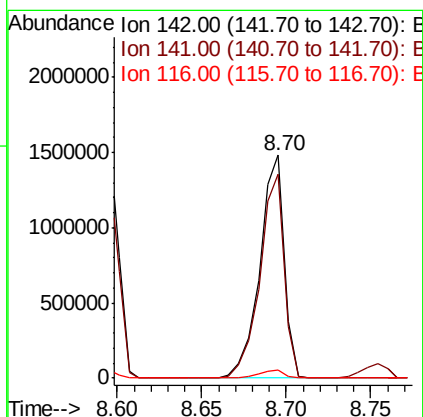
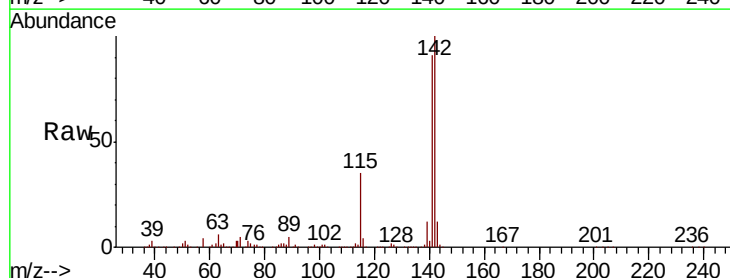
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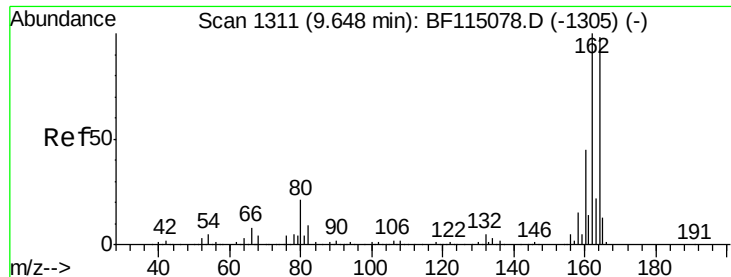
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#38
1-Methylnaphthalene
Concen: 46.173 ng
RT: 8.70 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:142 Resp: 1478936
Ion Ratio Lower Upper
142 100
141 91.5 73.8 110.8
116 3.6 2.8 4.2





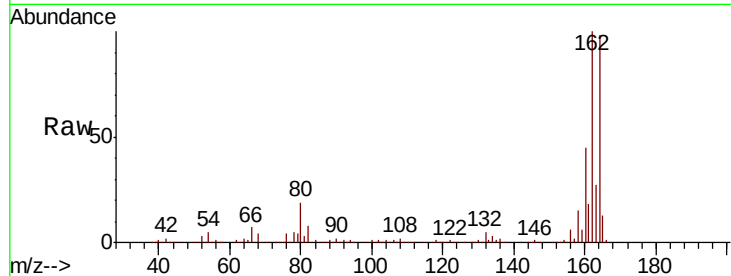
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

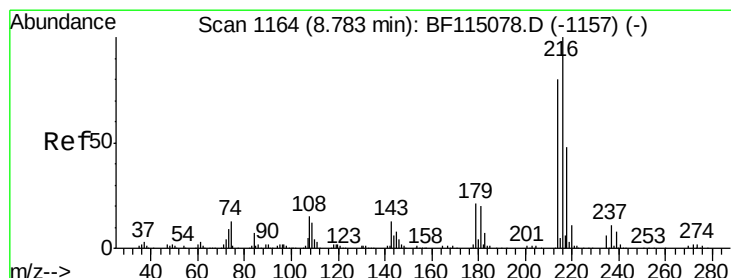
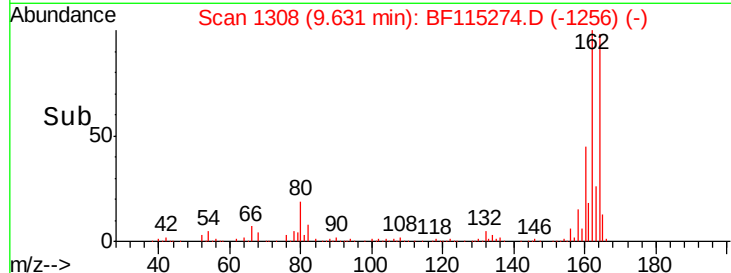
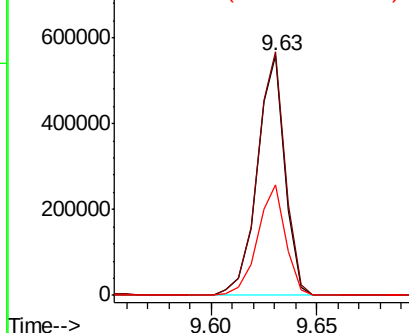
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	46.0	37.0	55.4

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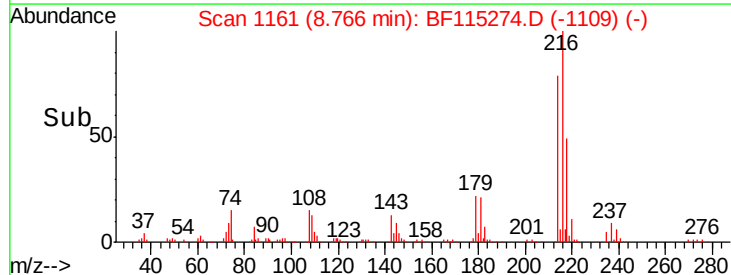
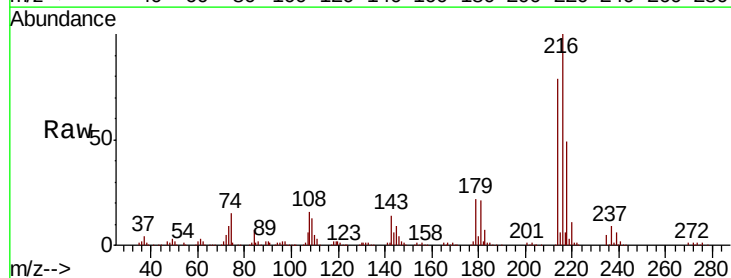
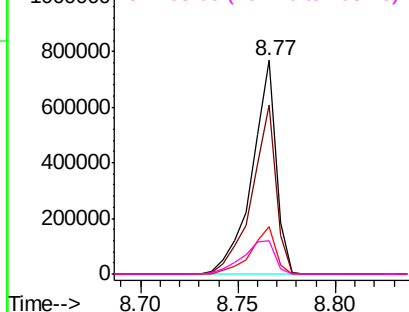
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

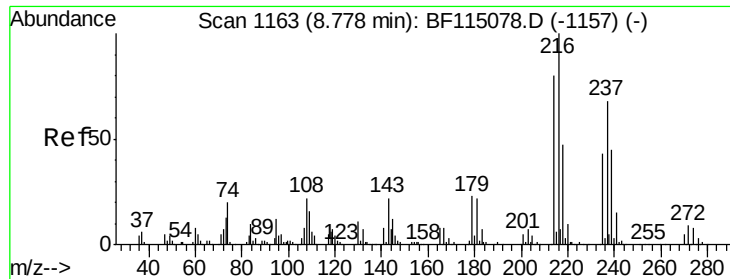


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.737 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	22.3	17.6	26.4
108	20.7	15.7	23.5

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.202 ng

RT: 8.75 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

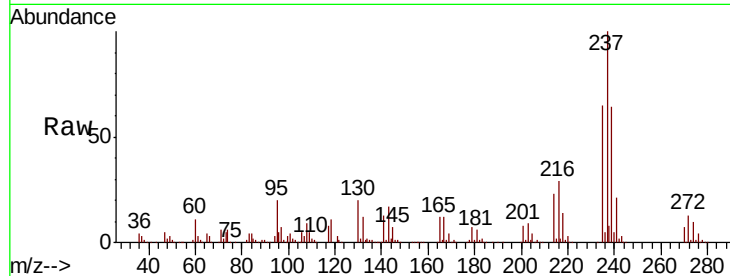
ClientSampleId :

PB120979BS

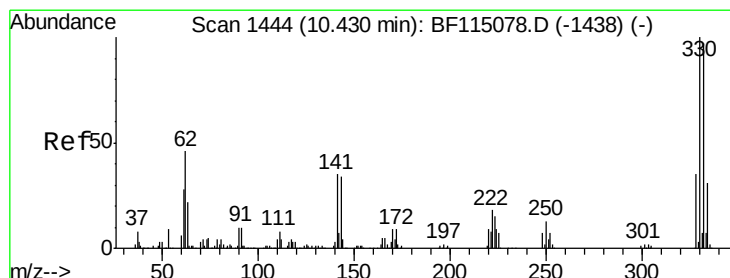
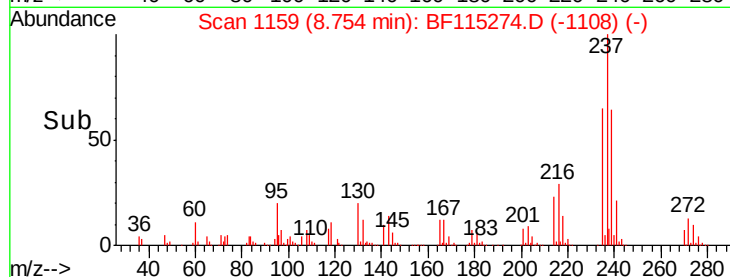
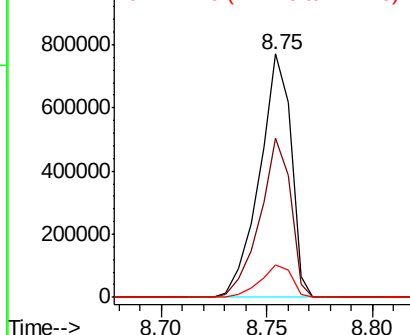
Tot Ion:	237	Resp:	800357
Ion Ratio		Lower	Upper
237	100		
235	65.3	43.9	83.9
272	13.1	0.0	33.8

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



#42

2,4,6-Tribromophenol

Concen: 133.038 ng

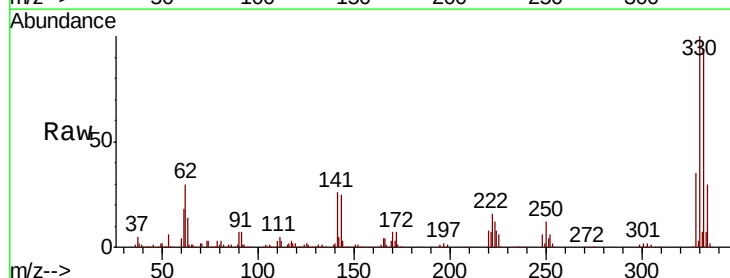
RT: 10.42 min Scan# 1442

Delta R.T. 0.01 min

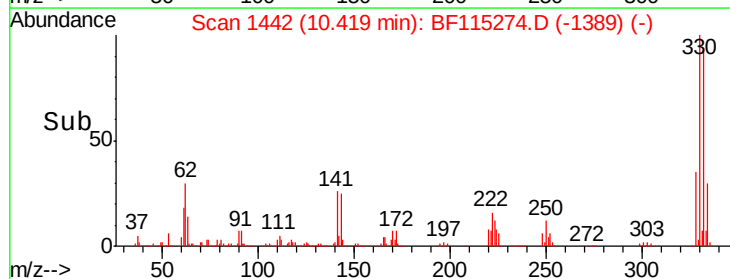
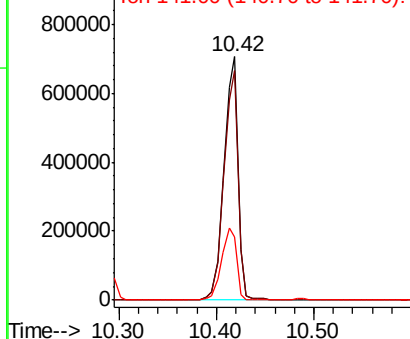
Lab File: BF115274.D

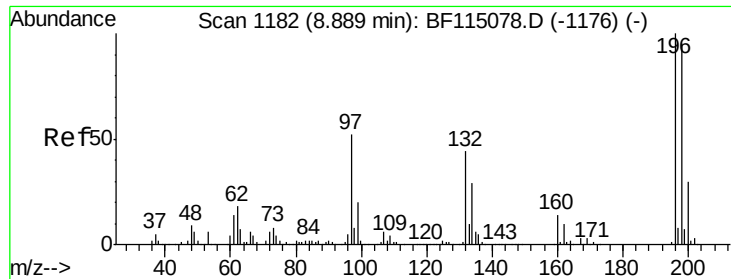
Acq: 28 Jun 2019 12:02

Tgt Ion:	330	Resp:	711357
Ion Ratio		Lower	Upper
330	100		
332	95.0	77.3	115.9
141	31.7	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





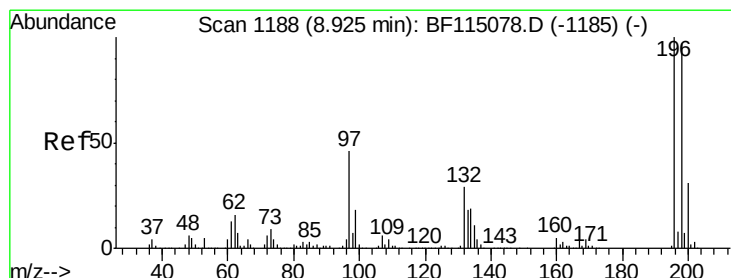
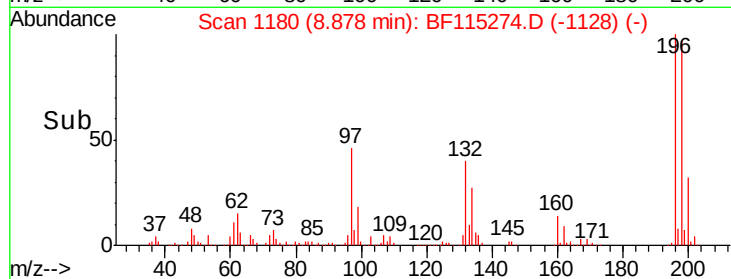
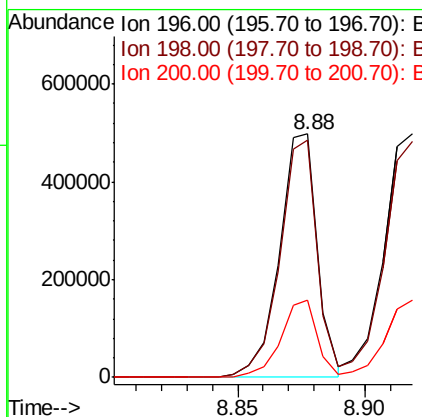
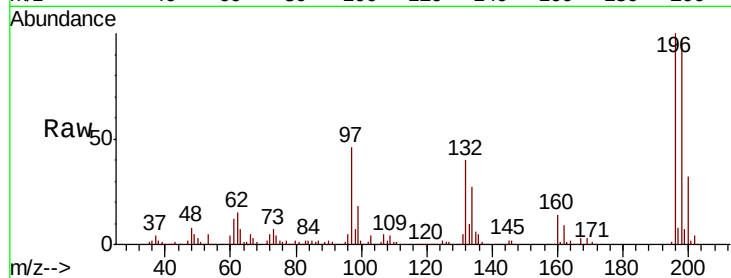
#43
 2,4,6-Trichlorophenol
 Concen: 47.110 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	521124		
198	97.2	76.3	114.5	
200	31.6	24.2	36.4	

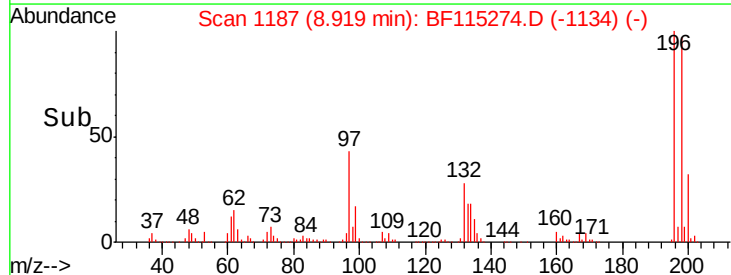
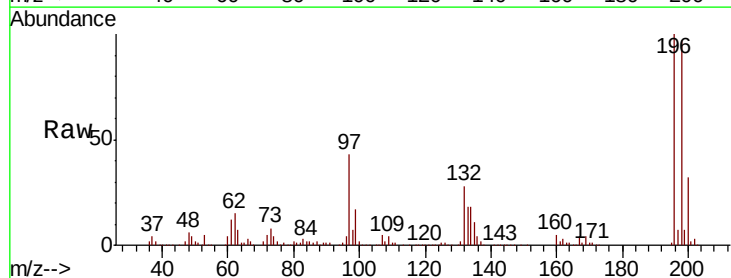
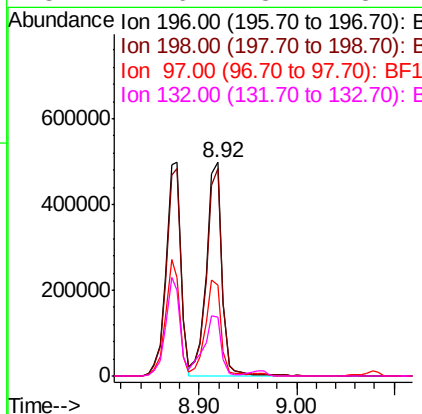
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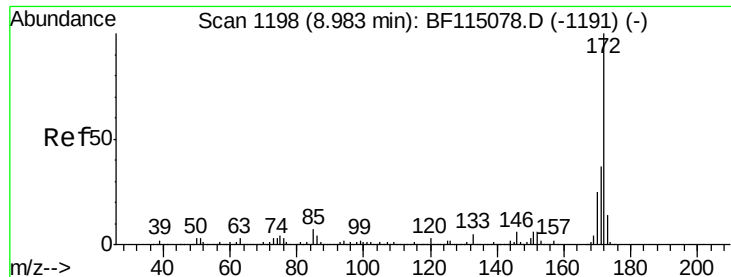
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#44
 2,4,5-Trichlorophenol
 Concen: 48.368 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	550993		
198	97.0	77.1	115.7	
97	42.7	37.7	56.5	
132	27.6	23.1	34.7	





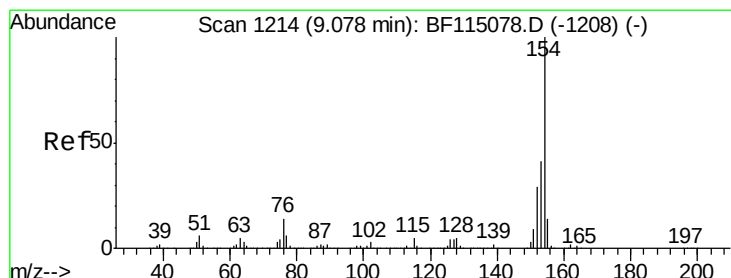
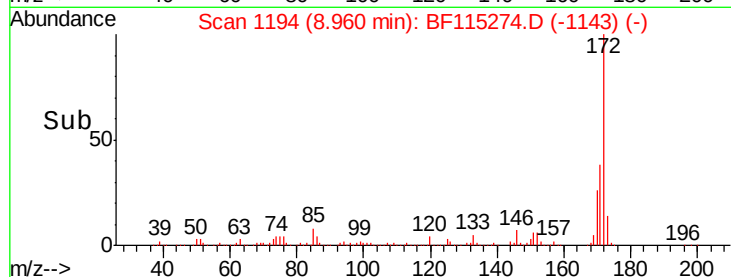
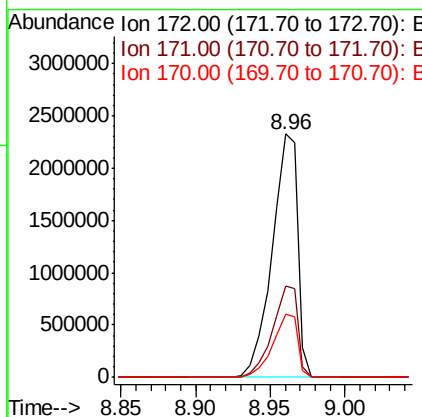
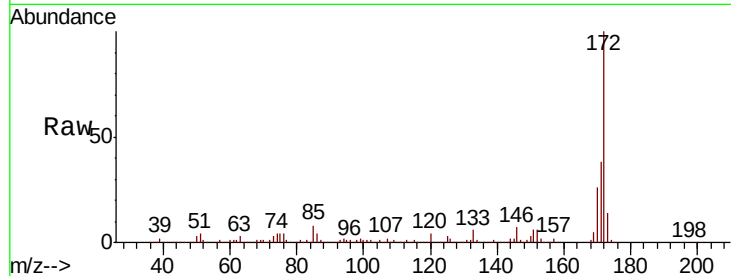
#45
2-Fluorobiphenyl
Concen: 92.827 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.7	29.8	44.6	
170	25.8	20.3	30.5	

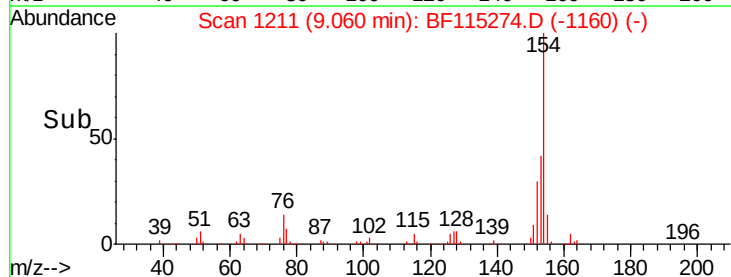
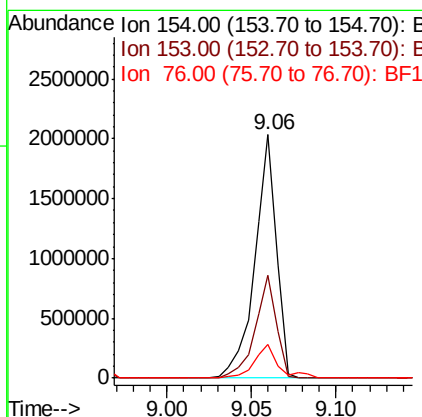
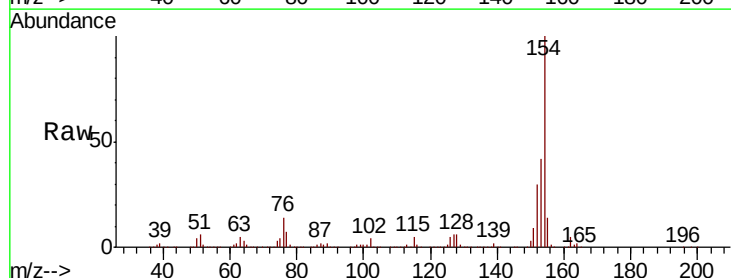
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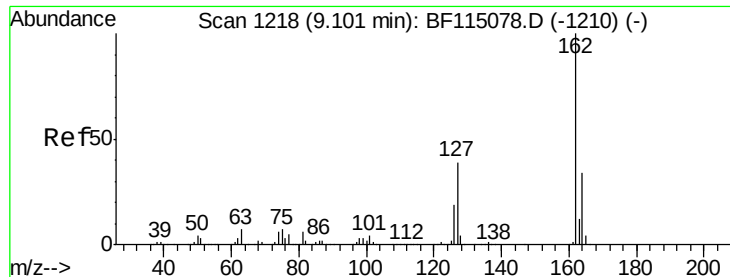
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#46
1,1'-Biphenyl
Concen: 44.702 ng
RT: 9.06 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	42.1	20.9	60.9	
76	13.7	0.0	34.1	





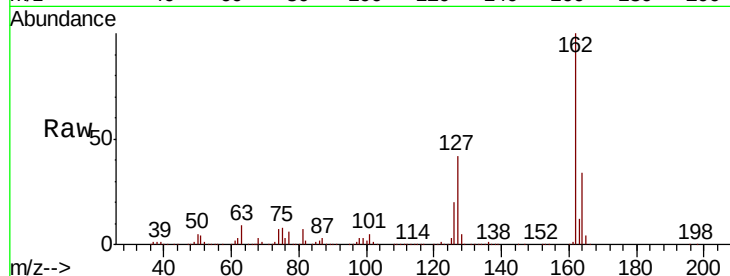
#47
2-Chloronaphthalene
Concen: 44.595 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

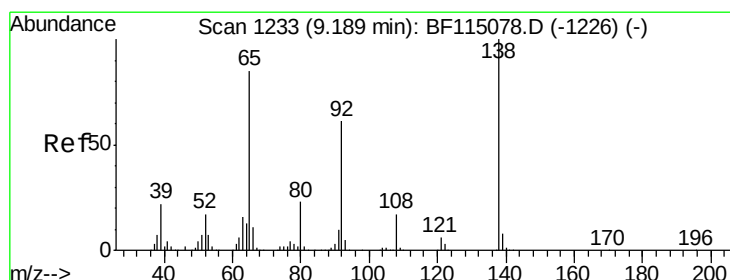
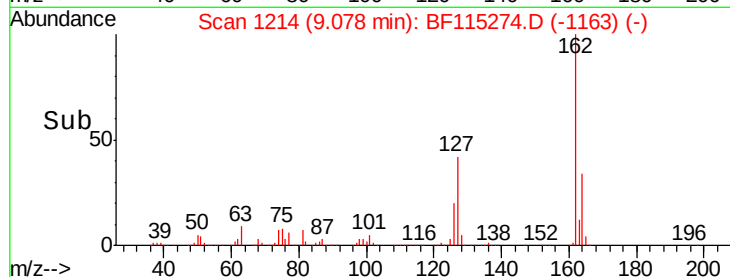
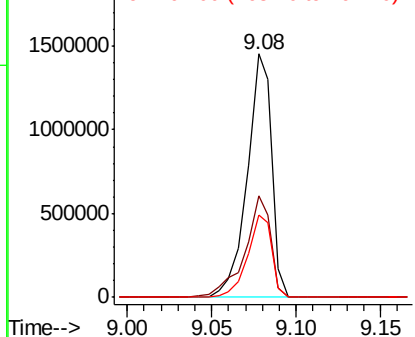
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.8	46.2
164	34.0	27.0	40.4

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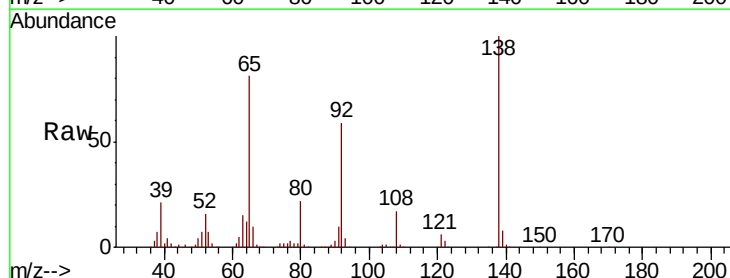


Abundance Ion 162.00 (161.70 to 162.70): E
2000000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

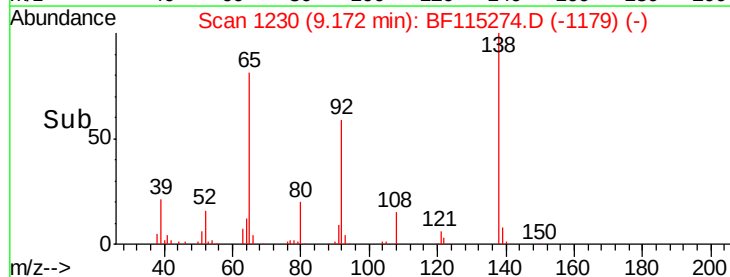
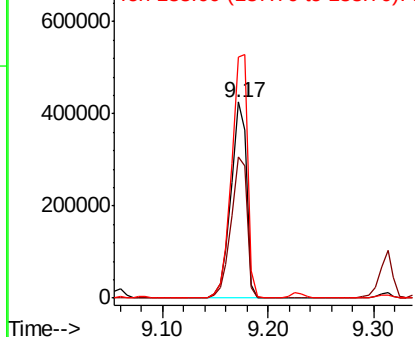


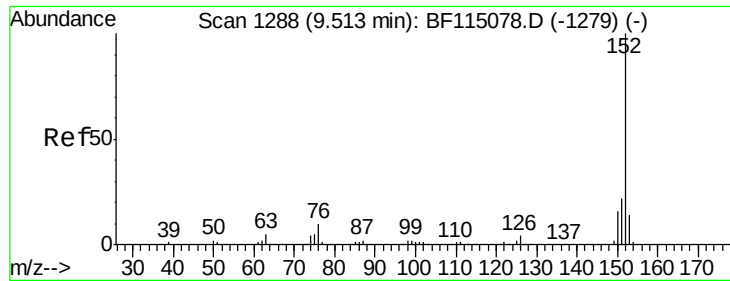
#48
2-Nitroaniline
Concen: 45.152 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	57.4	86.2
138	122.8	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: 44.486 ng

RT: 9.49 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

Tot Ion:152 Resp: 2281001

Ion Ratio Lower Upper

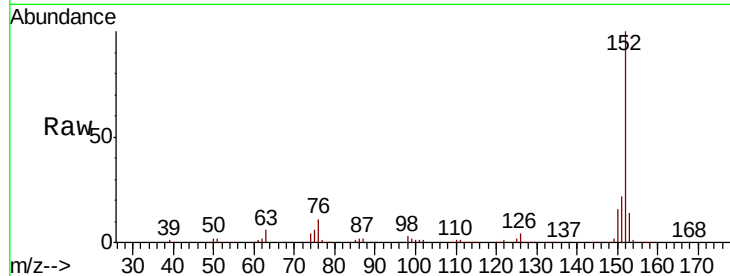
152 100

151 21.6 17.2 25.8

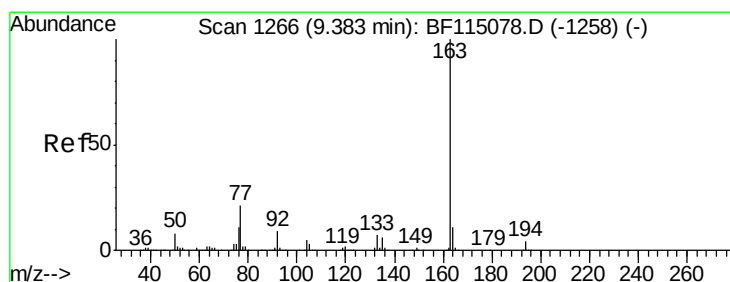
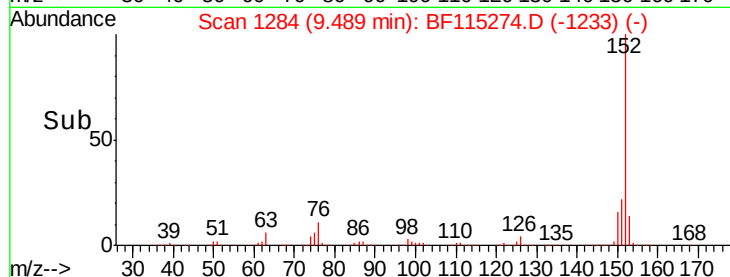
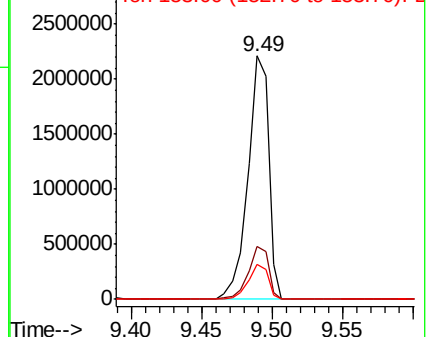
153 14.4 11.0 16.6

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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: 45.606 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

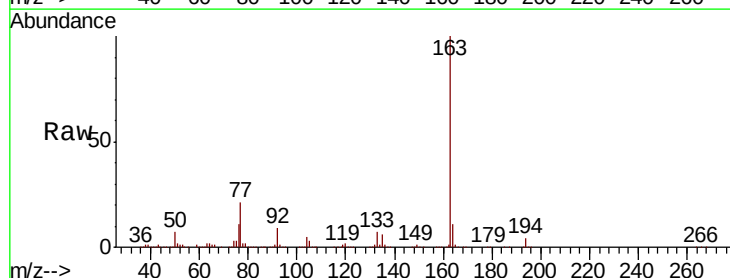
Tgt Ion:163 Resp: 1701302

Ion Ratio Lower Upper

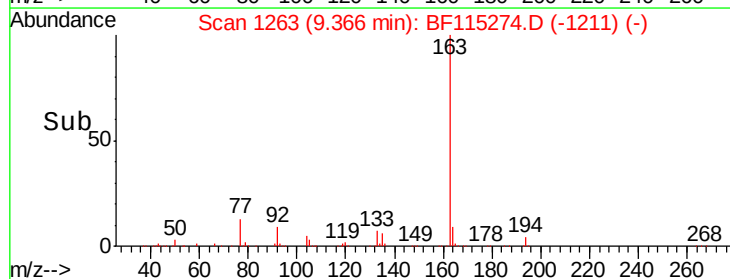
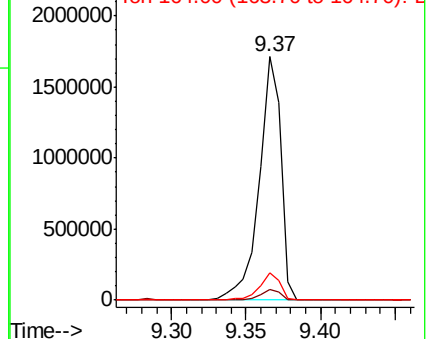
163 100

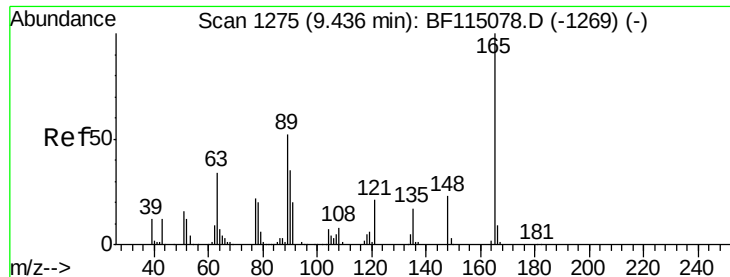
194 4.2 3.2 4.8

164 11.0 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: 47.494 ng

RT: 9.42 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

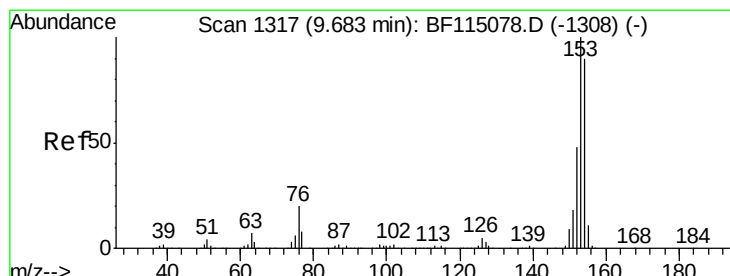
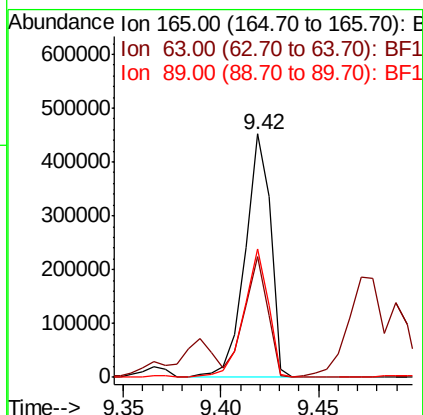
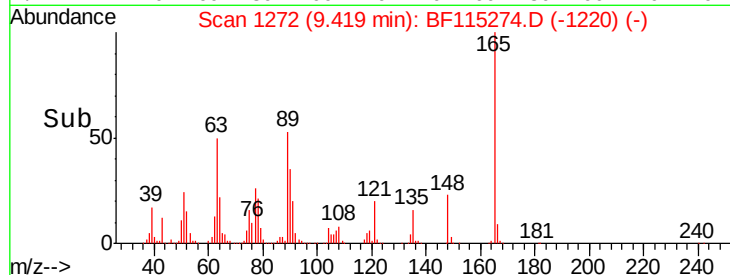
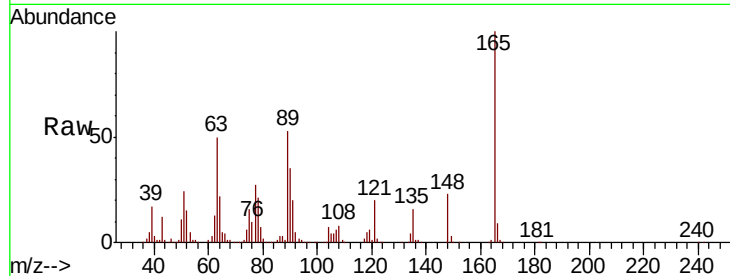
ClientSampleId :

PB120979BS

Tot Ion:	165	Resp:	409043
Ion Ratio	Lower	Upper	
165	100		
63	49.5	39.4	59.2
89	52.8	42.0	63.0

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#52

Acenaphthene

Concen: 41.482 ng

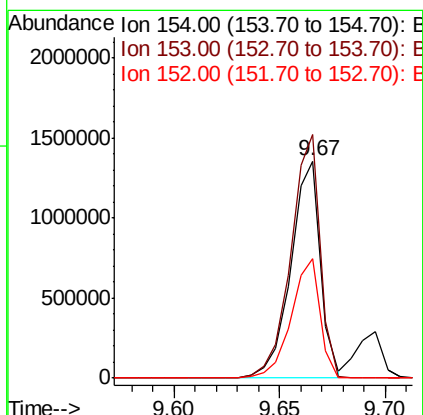
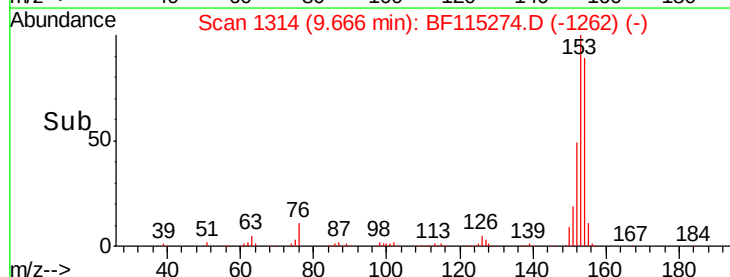
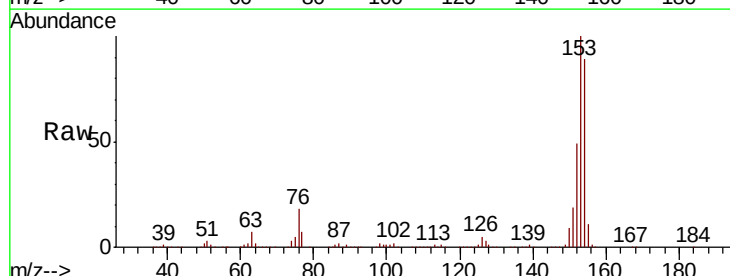
RT: 9.67 min Scan# 1314

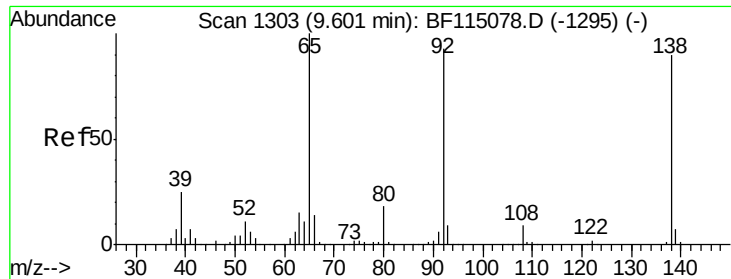
Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Tgt Ion:	154	Resp:	1330931
Ion Ratio	Lower	Upper	
154	100		
153	112.1	88.7	133.1
152	54.9	42.6	64.0





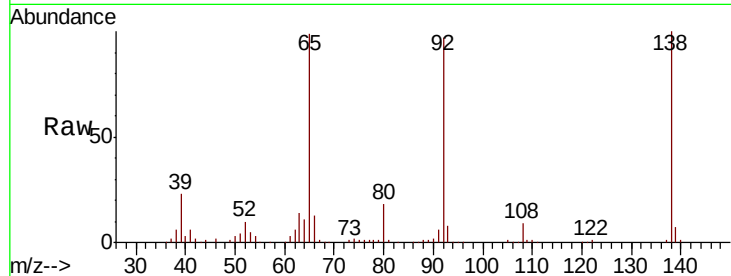
#53
3-Nitroaniline
Concen: 25.140 ng
RT: 9.58 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

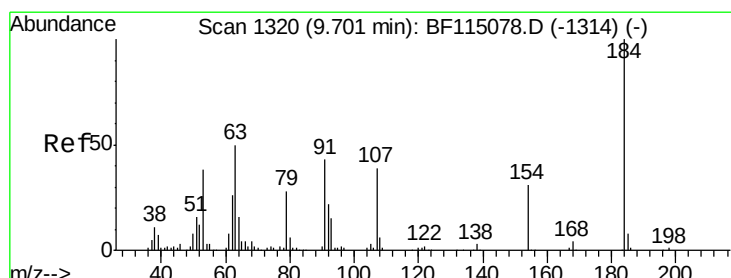
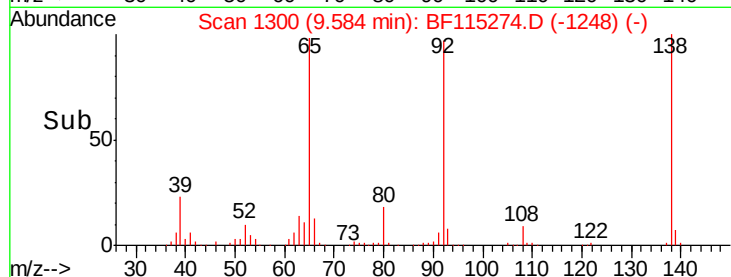
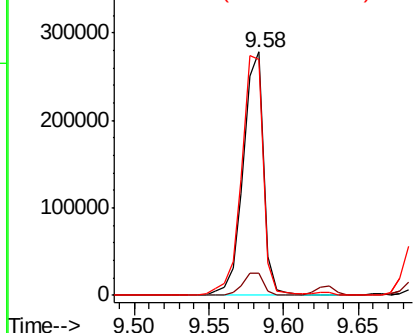
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.8	11.6
92	97.1	82.9	124.3

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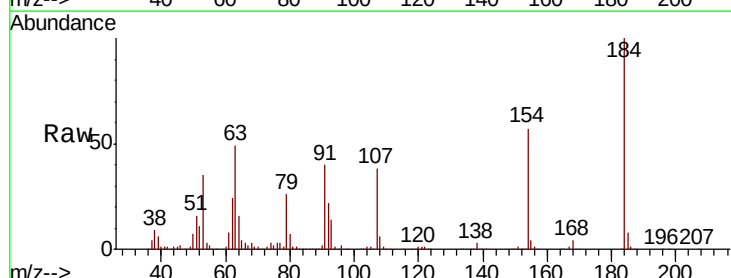


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

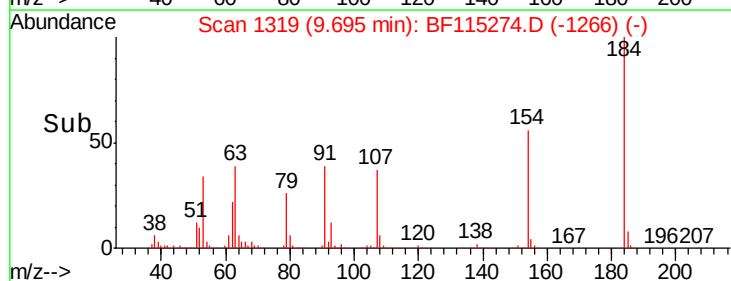
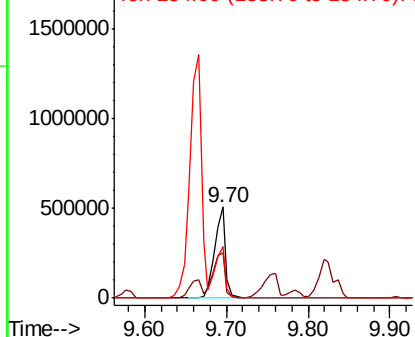


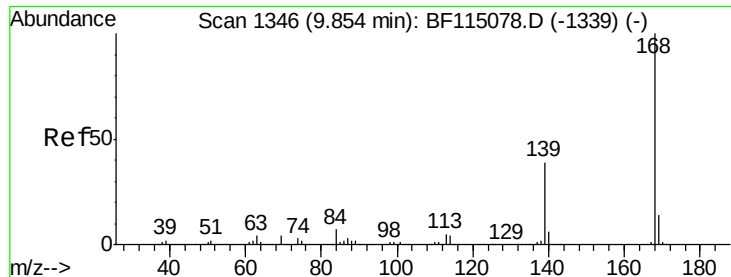
#54
2,4-Dinitrophenol
Concen: 103.505 ng
RT: 9.70 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.2	41.9	62.9
154	56.5	44.7	67.1



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





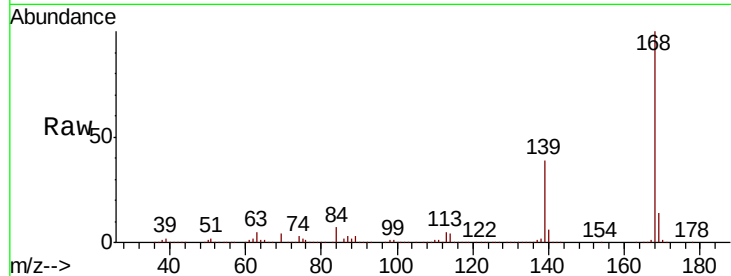
#55
Dibenzofuran
Concen: 42.673 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.1	46.7
169	14.5	11.3	16.9

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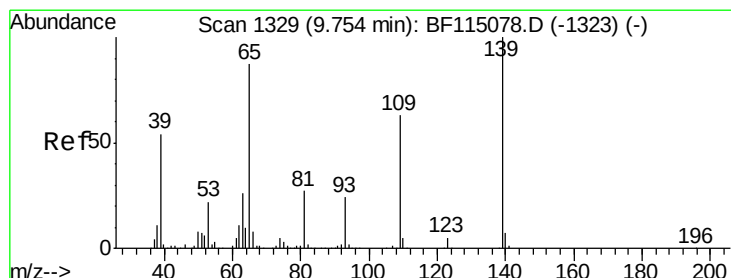
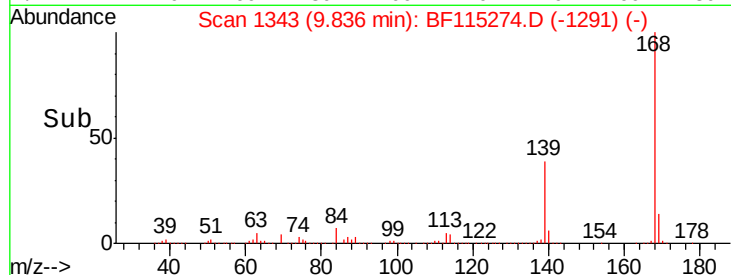
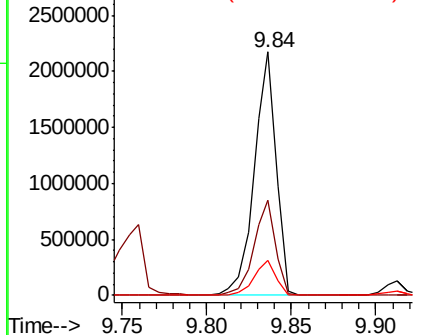


Abundance

Ion 168.00 (167.70 to 168.70): E

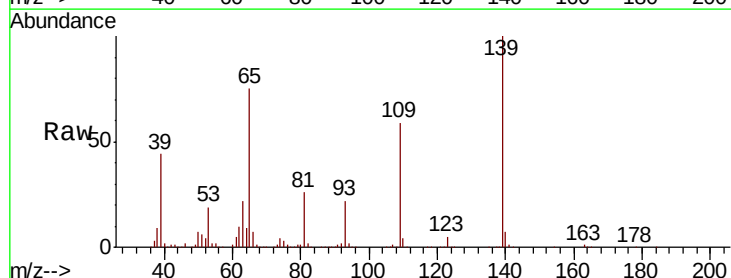
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 87.401 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.4	43.0	83.0
65	75.1	67.0	107.0

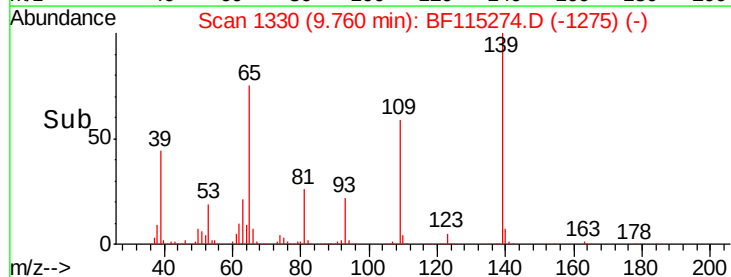
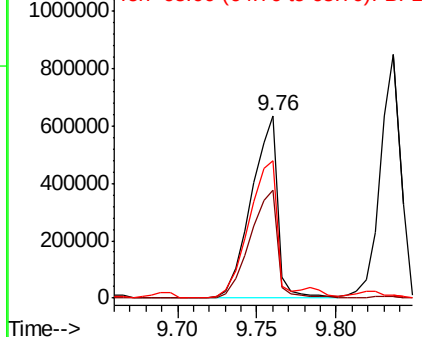


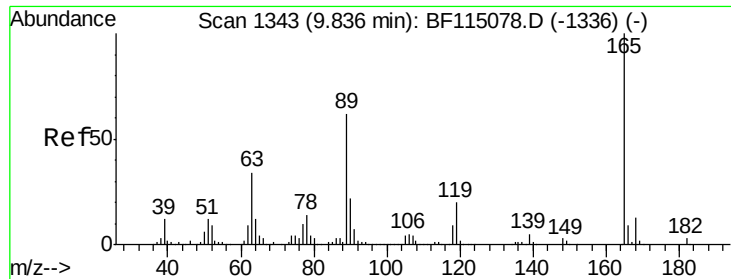
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





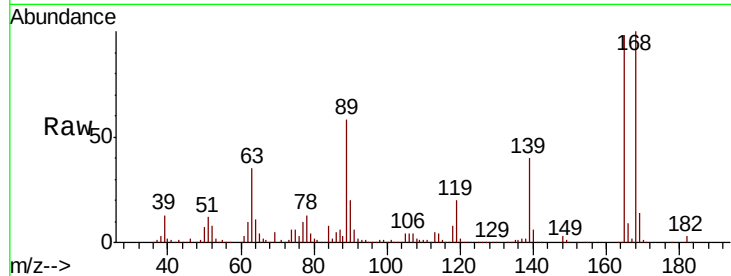
#57
2,4-Dinitrotoluene
Concen: 48.382 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

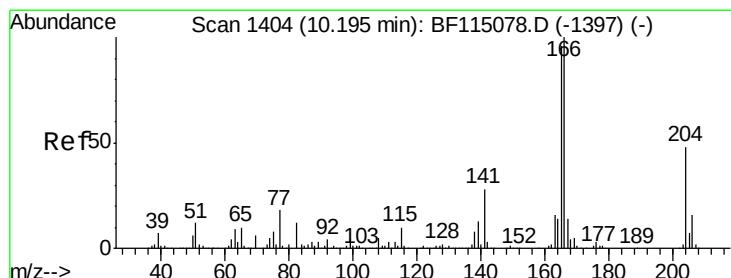
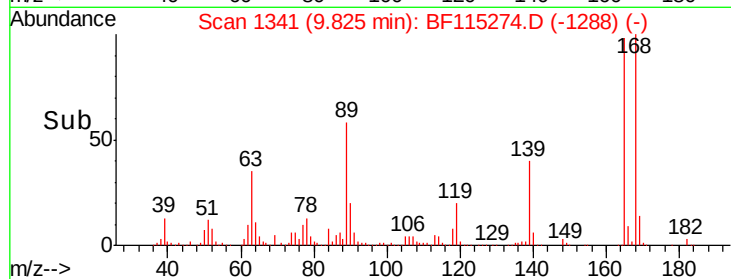
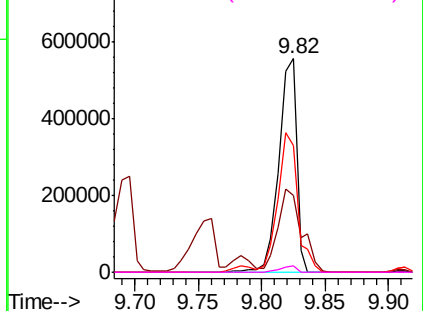
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		538032		
63	35.8	27.5	41.3		
89	59.5	49.9	74.9		
182	2.8	2.1	3.1		

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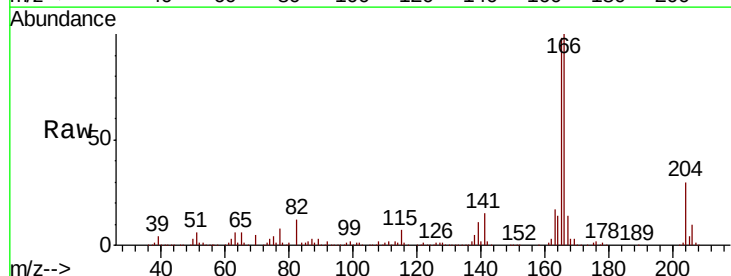


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

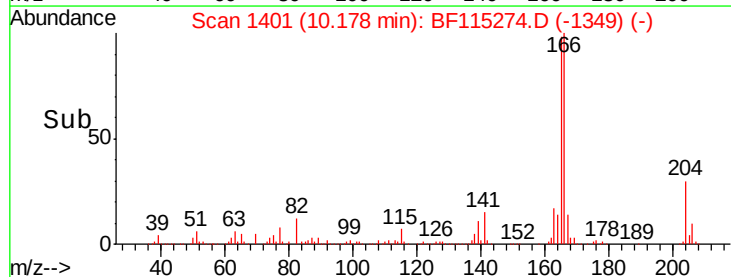
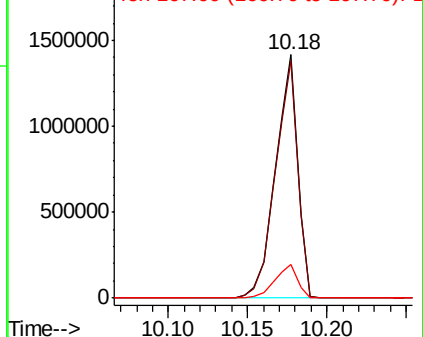


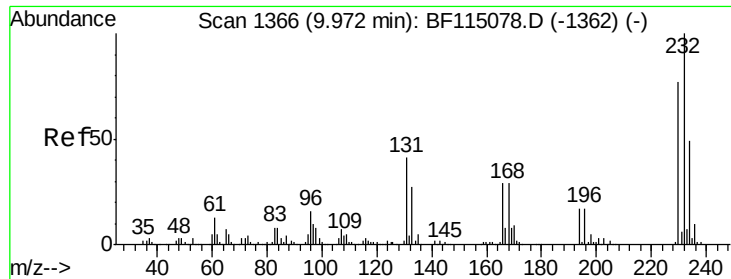
#58
Fluorene
Concen: 45.029 ng
RT: 10.18 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1380461		
165	97.5	76.5	114.7		
167	13.9	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





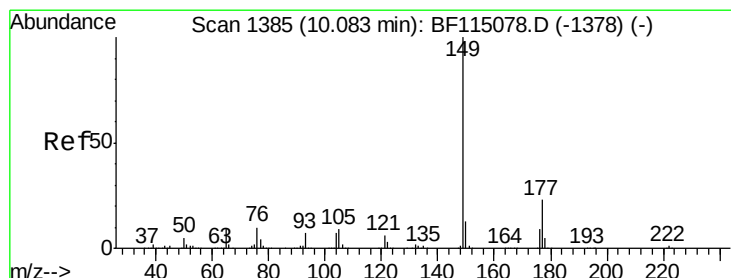
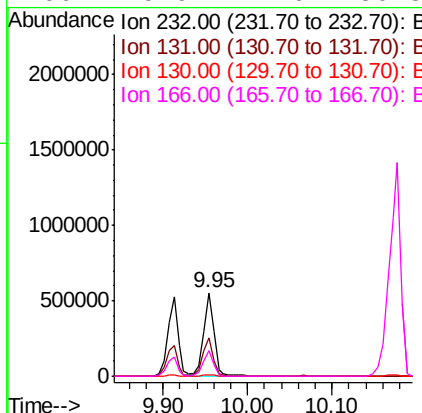
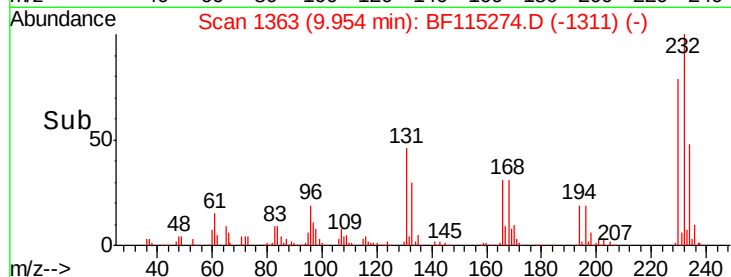
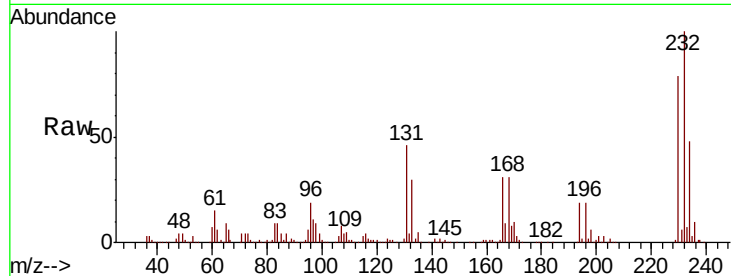
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.656 ng
RT: 9.95 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	37.4	56.0
130	2.1	1.8	2.6
166	29.9	24.6	36.8

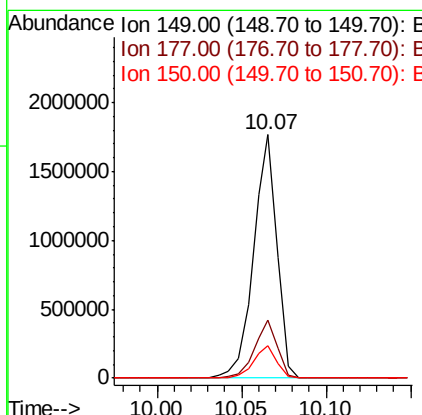
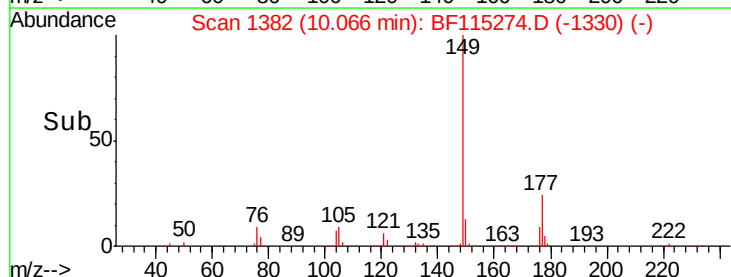
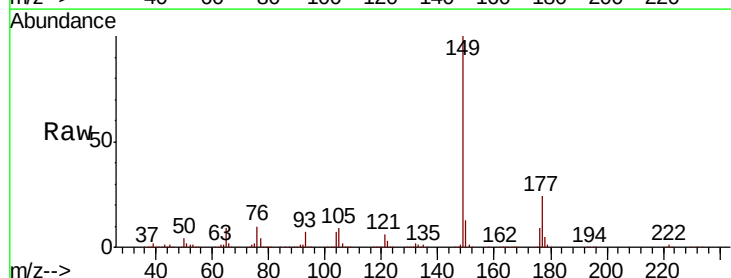
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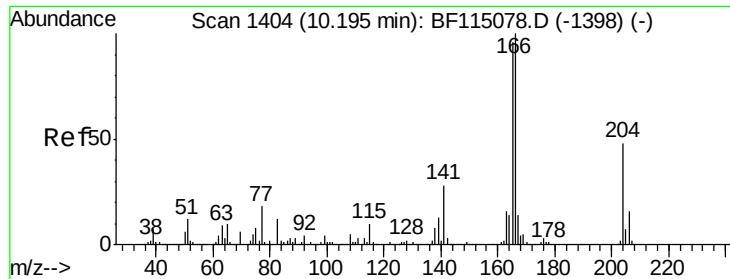
mohammad
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#60
Diethylphthalate
Concen: 45.284 ng
RT: 10.07 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.7	28.1
150	13.3	10.4	15.6





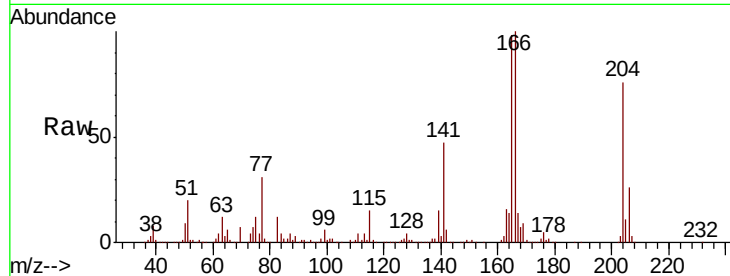
#61
4-Chlorophenyl-phenylether
Concen: 47.003 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleID :
PB120979BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	40.0
141	62.1	46.7	70.1

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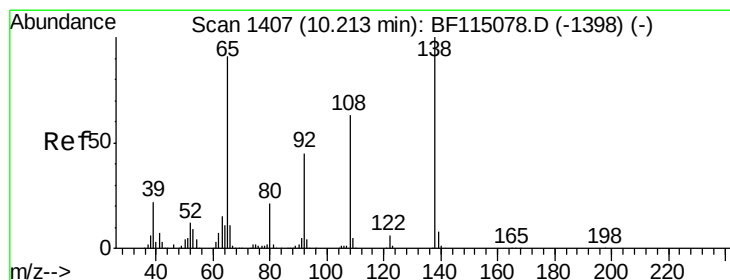
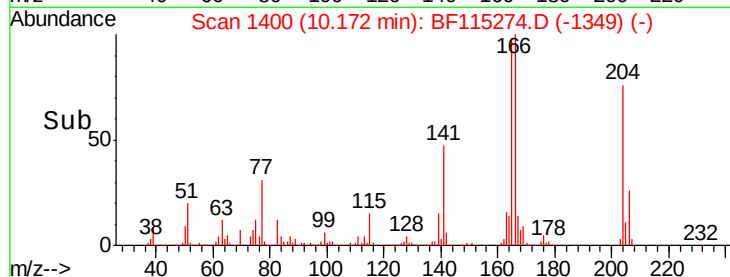
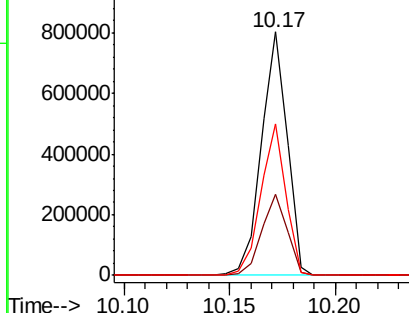


Abundance

Ion 204.00 (203.70 to 204.70): E

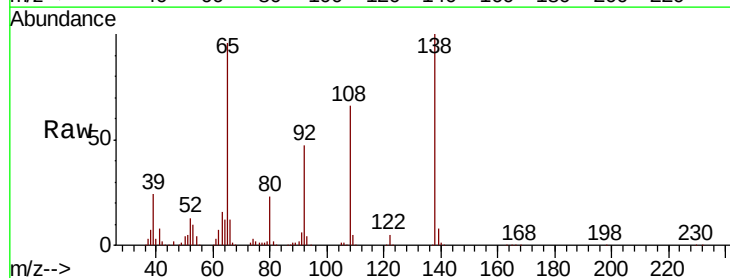
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.861 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	24.8	64.8
108	65.8	43.3	83.3

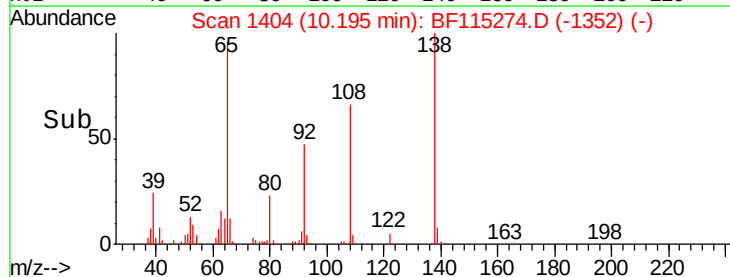
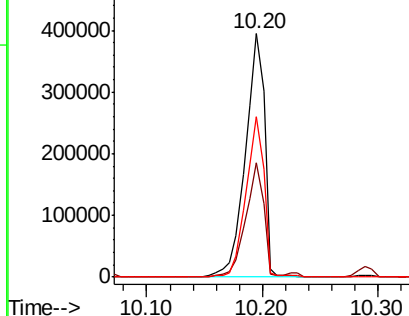


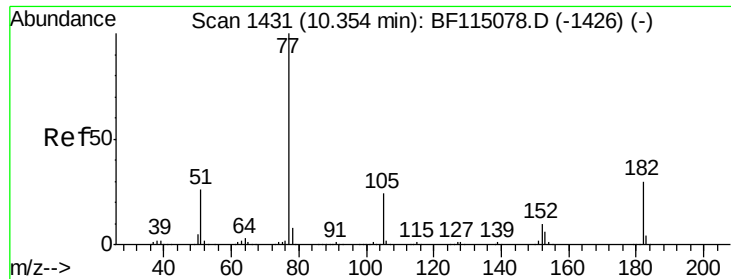
Abundance

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





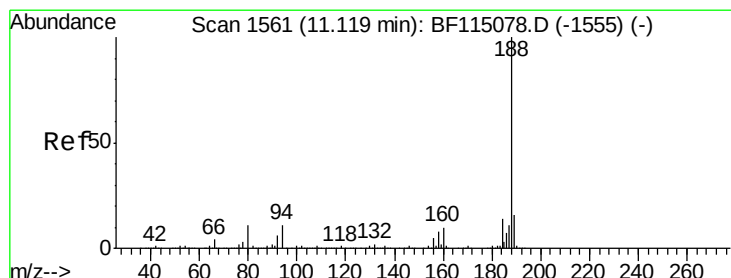
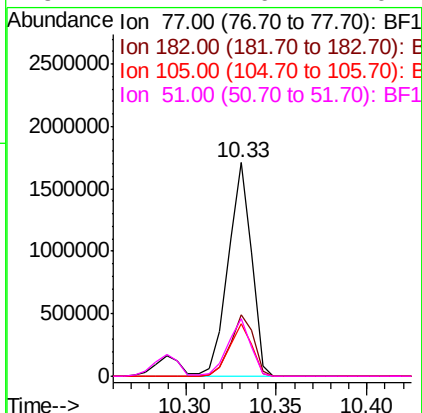
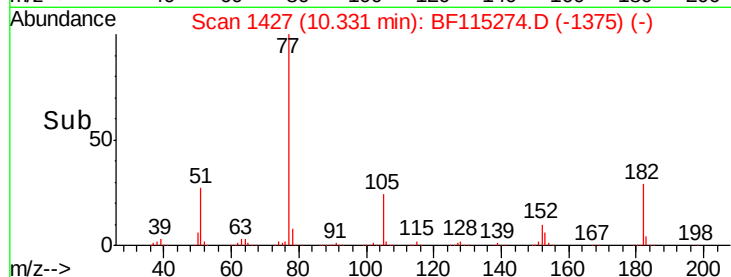
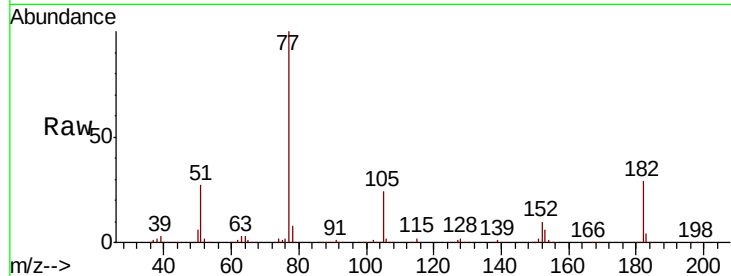
#63
Azobenzene
Concen: 43.658 ng
RT: 10.33 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	10.1	50.1
105	24.5	4.5	44.5
51	27.2	6.4	46.4

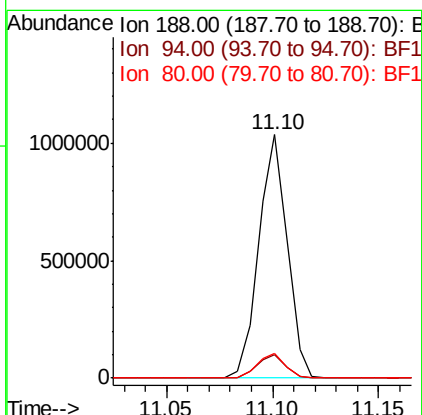
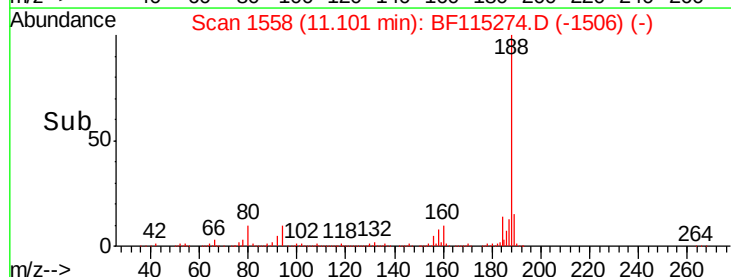
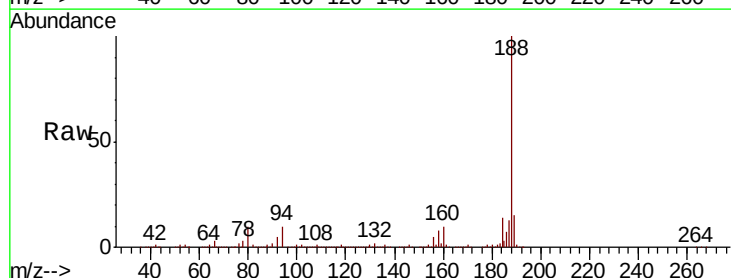
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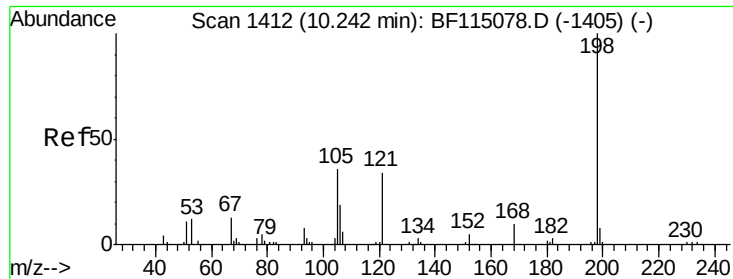
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	12.8
80	9.9	8.8	13.2





#65

4,6-Dinitro-2-methylphenol

Concen: 53.013 ng

RT: 10.23 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

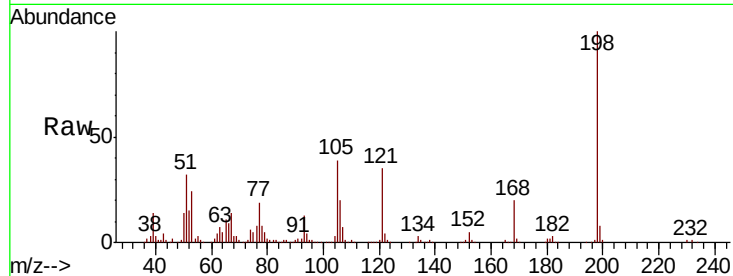
ClientSampleId :

PB120979BS

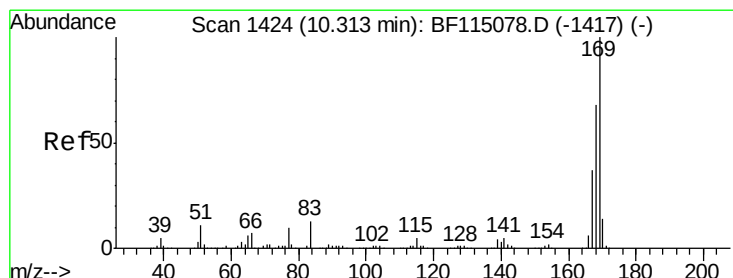
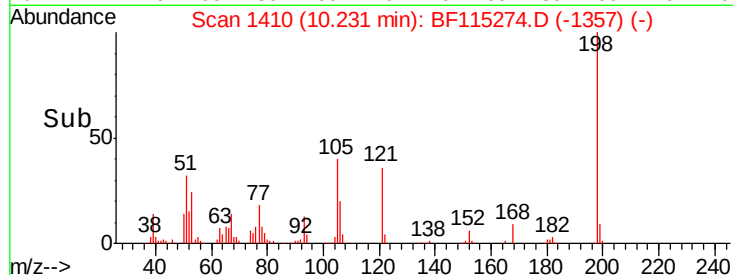
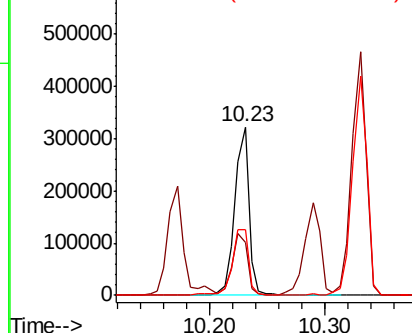
Tot Ion:	198	Resp:	277493
Ion Ratio	Lower	Upper	
198	100		
51	31.7	11.0	51.0
105	38.8	17.3	57.3

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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: 46.333 ng

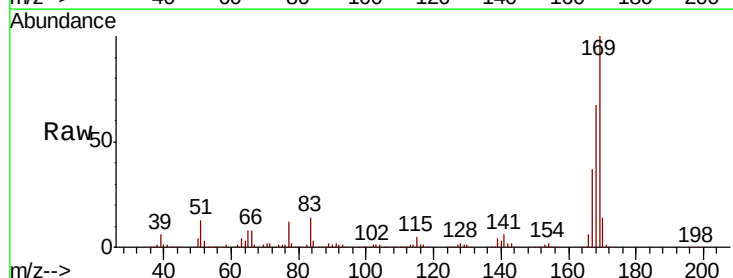
RT: 10.29 min Scan# 1420

Delta R.T. 0.01 min

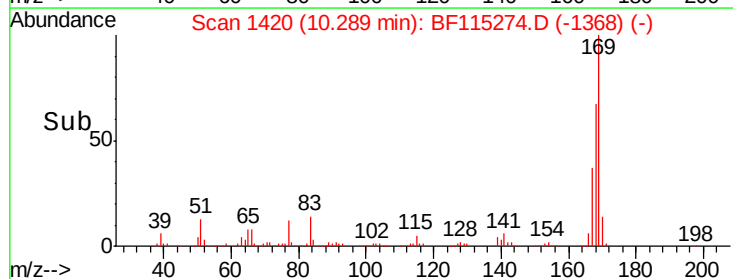
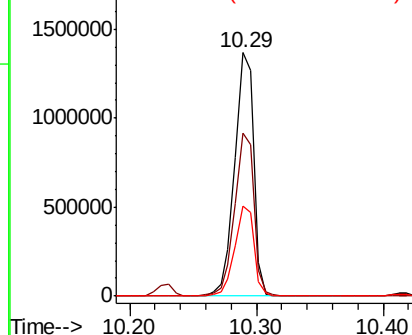
Lab File: BF115274.D

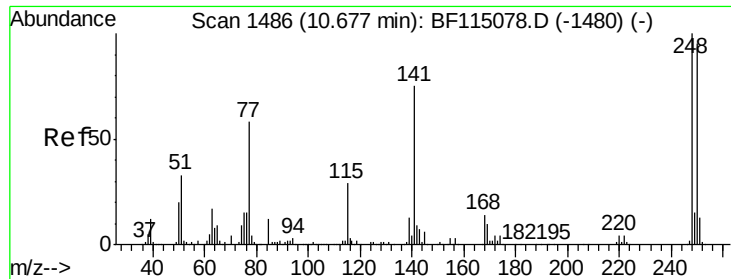
Acq: 28 Jun 2019 12:02

Tgt Ion:	169	Resp:	1404762
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.2	81.4
167	37.2	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





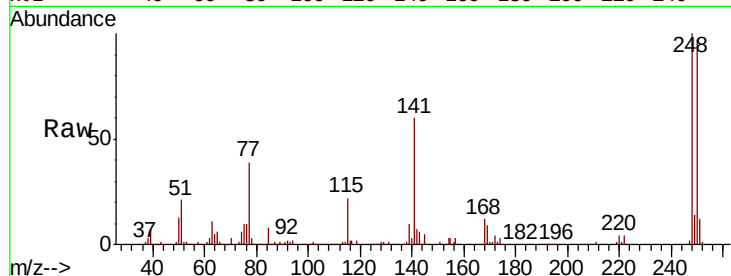
#67
 4-Bromophenyl-phenylether
 Concen: 47.343 ng
 RT: 10.66 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

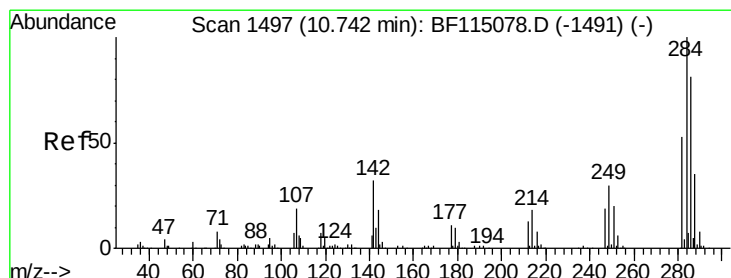
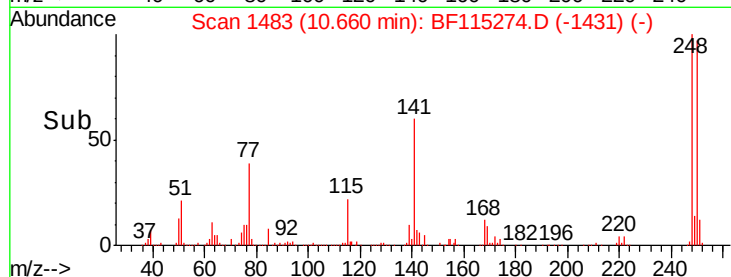
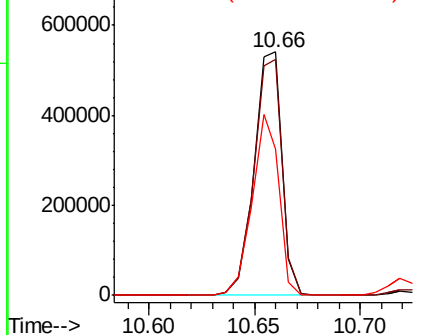
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.2	114.2
141	60.2	59.6	89.4

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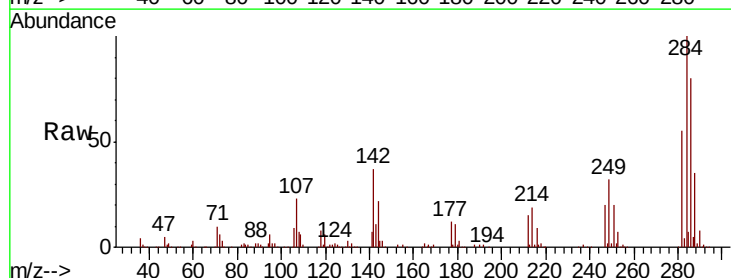


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

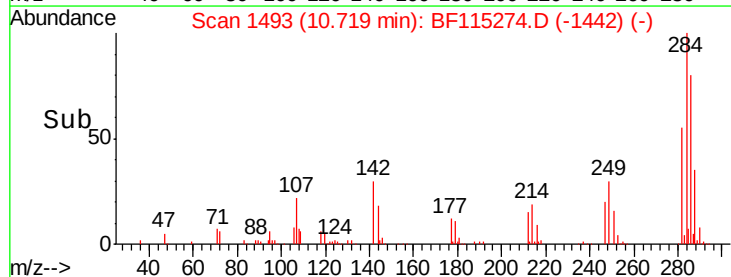
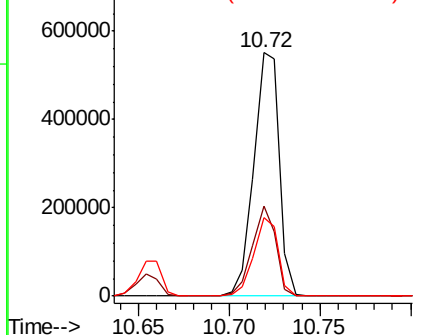


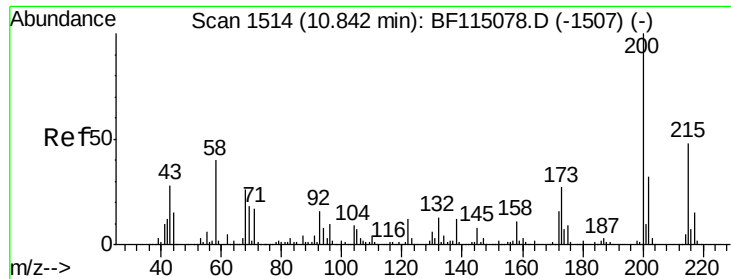
#68
 Hexachlorobenzene
 Concen: 47.041 ng
 RT: 10.72 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.0	25.8	38.8
249	32.5	24.2	36.4



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





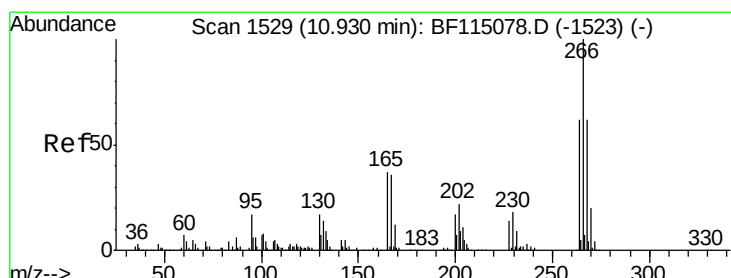
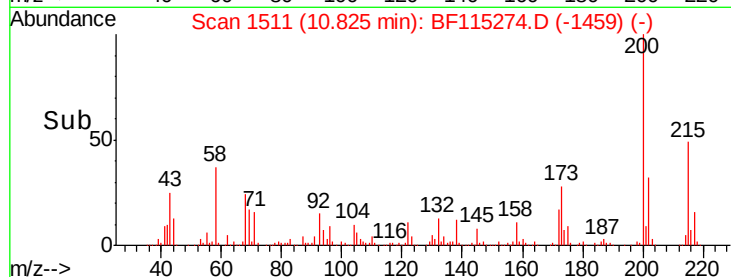
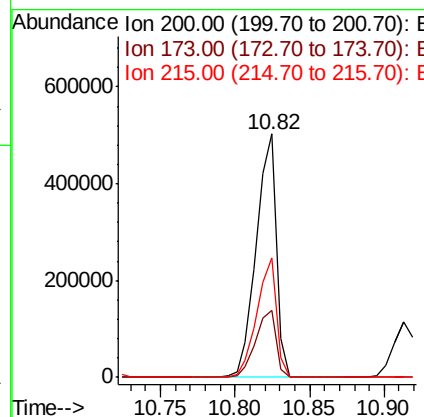
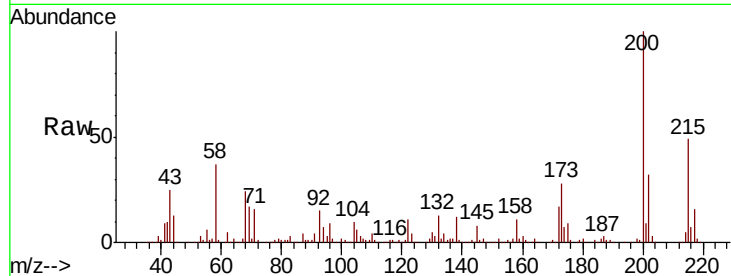
#69
Atrazine
Concen: 47.784 ng
RT: 10.82 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	466031		
173	27.6	7.4	47.4	
215	48.9	27.8	67.8	

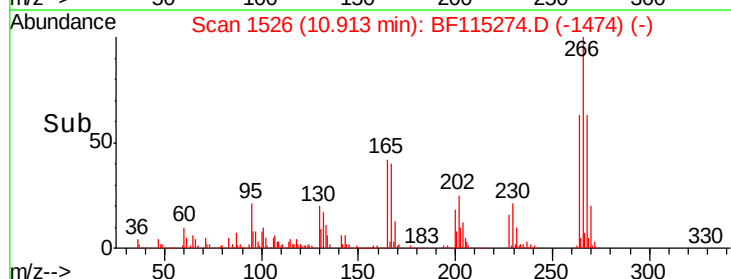
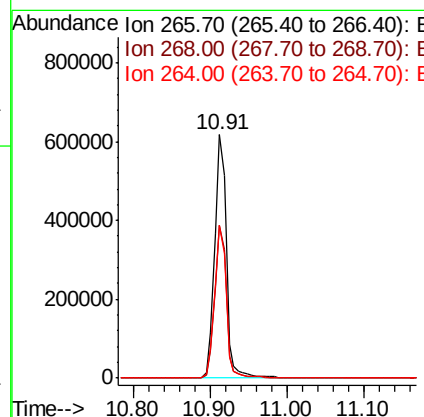
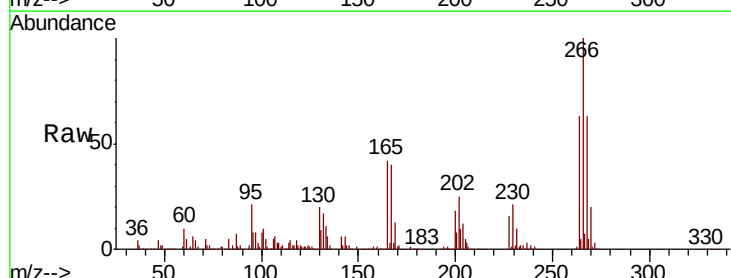
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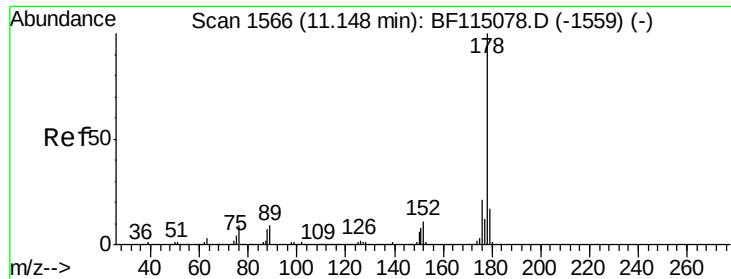
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#70
Pentachlorophenol
Concen: 89.144 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	650402		
268	62.8	49.5	74.3	
264	62.7	49.3	73.9	





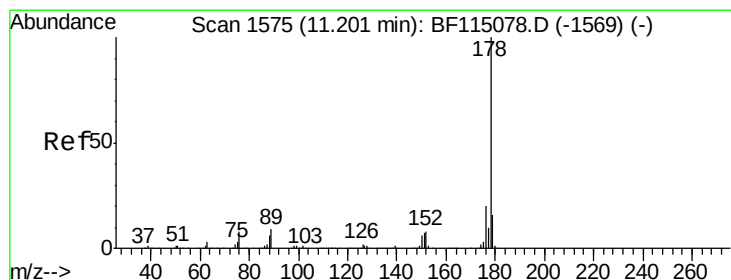
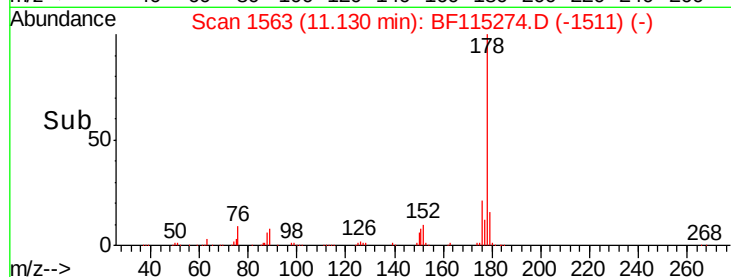
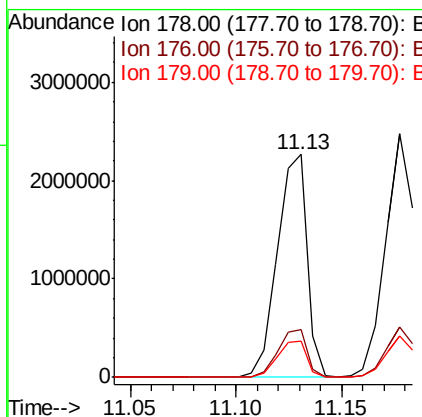
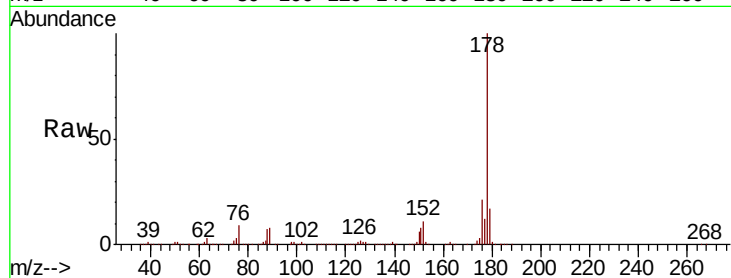
#71
Phenanthrene
Concen: 42.527 ng
RT: 11.13 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion:178 Resp: 2228259
Ion Ratio Lower Upper
178 100
176 21.3 16.9 25.3
179 16.5 13.2 19.8

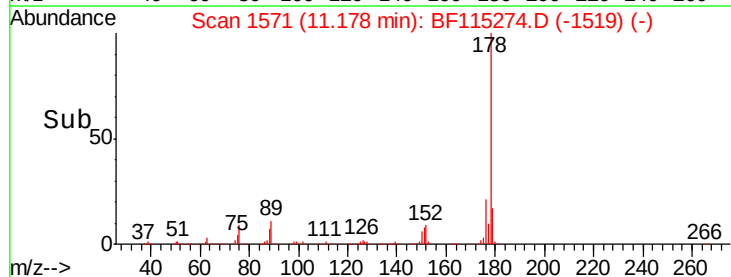
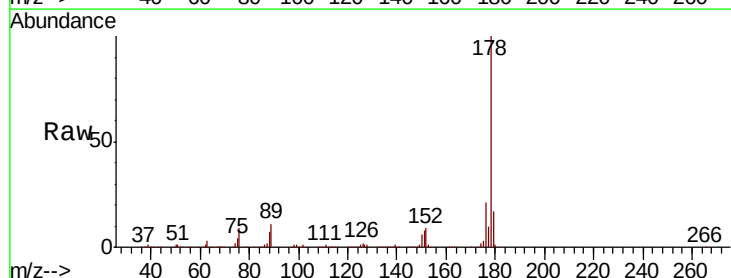
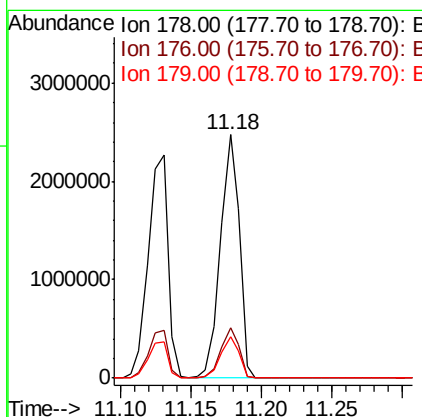
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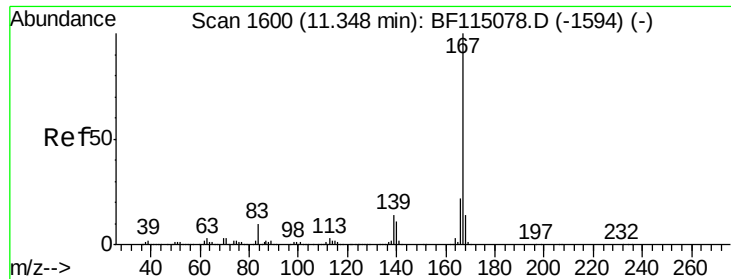
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#72
Anthracene
Concen: 43.523 ng
RT: 11.18 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion:178 Resp: 2301969
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 16.9 12.9 19.3





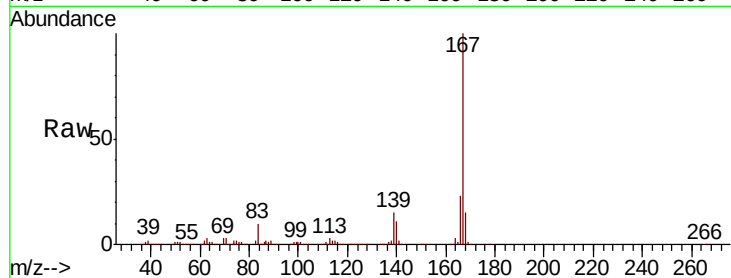
#73
 Carbazole
 Concen: 44.335 ng
 RT: 11.33 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

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

Manual Integrations
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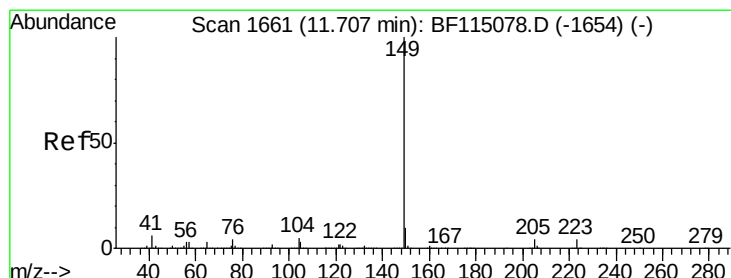
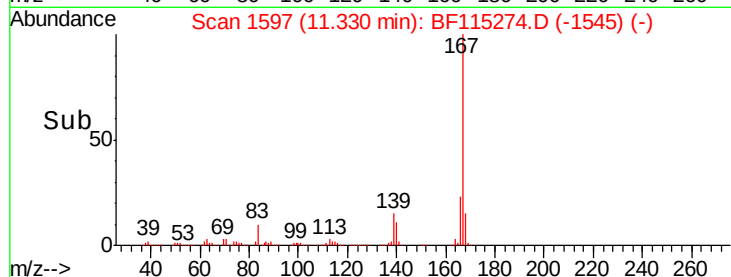
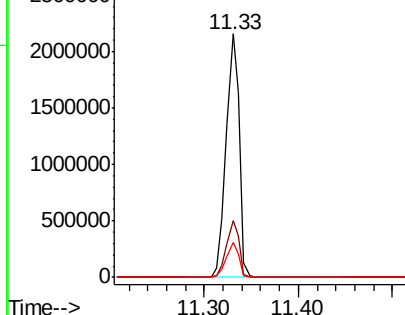


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 45.915 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

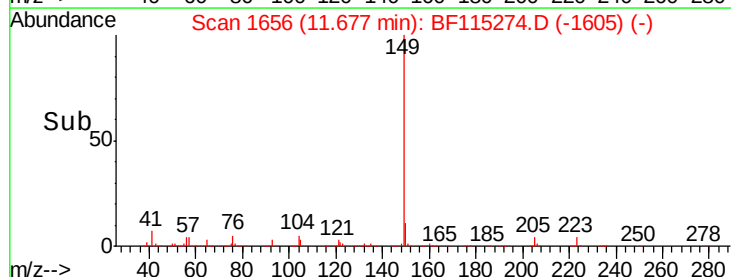
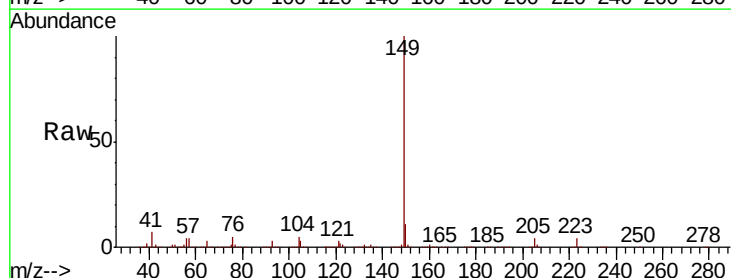
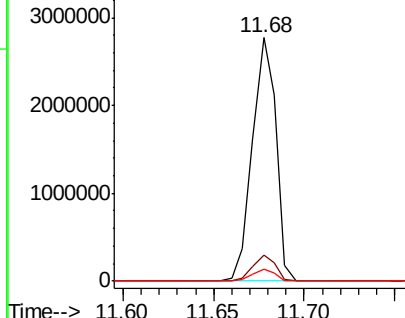
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.8
104	5.1	3.7	5.5

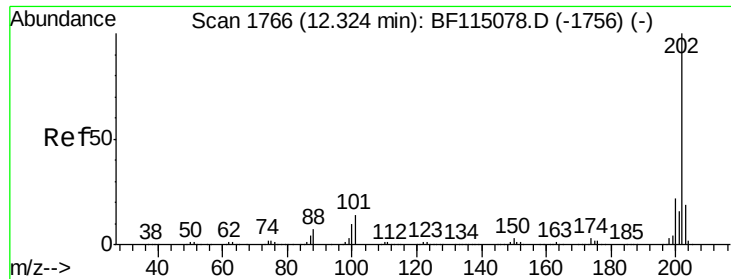
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





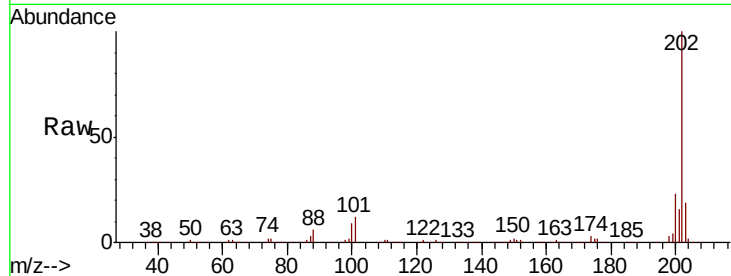
#75
 Fluoranthene
 Concen: 44.110 ng
 RT: 12.31 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.0
203	18.8	0.0	38.8

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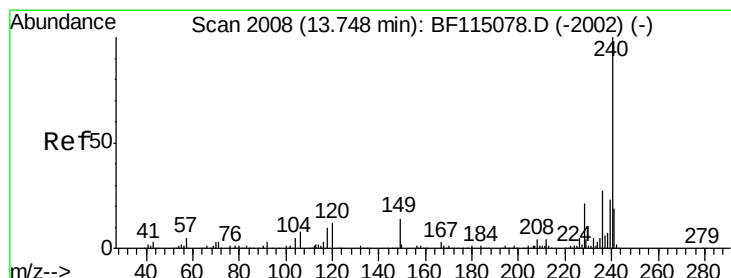
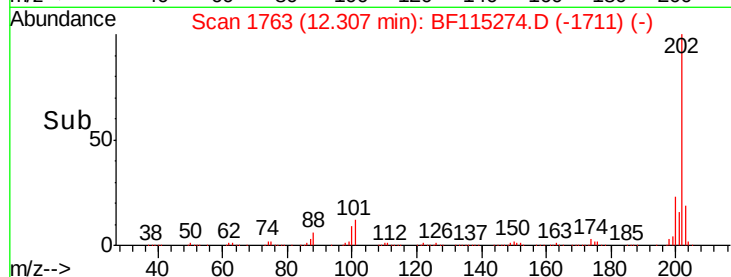
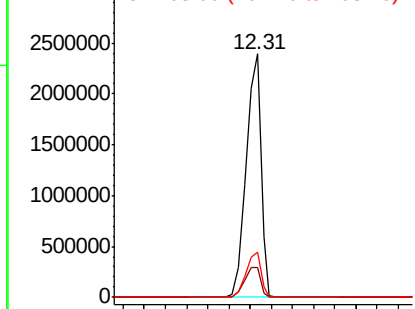


Abundance

Ion 202.00 (201.70 to 202.70): E

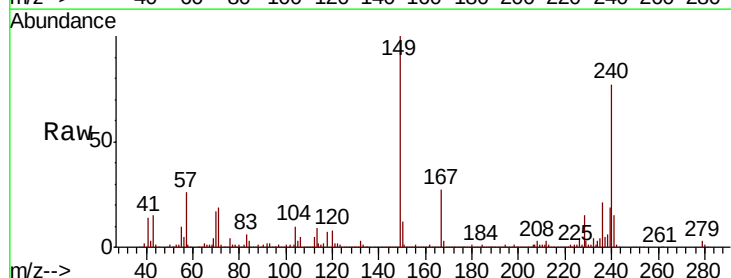
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.4	14.2
236	27.5	21.7	32.5

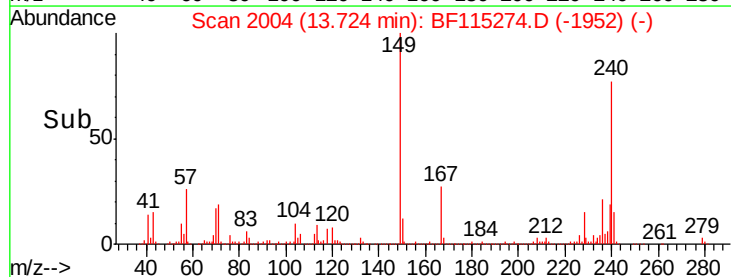
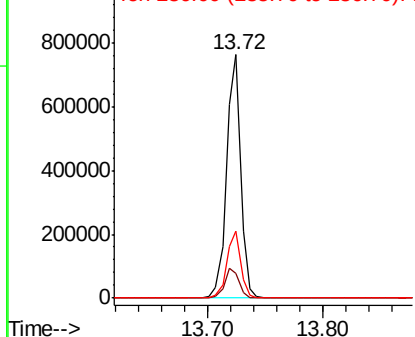


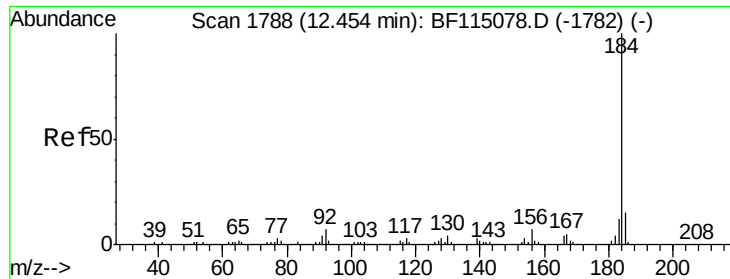
Abundance

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: 28.396 ng

RT: 12.42 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

Tot Ion:184 Resp: 810660

Ion Ratio Lower Upper

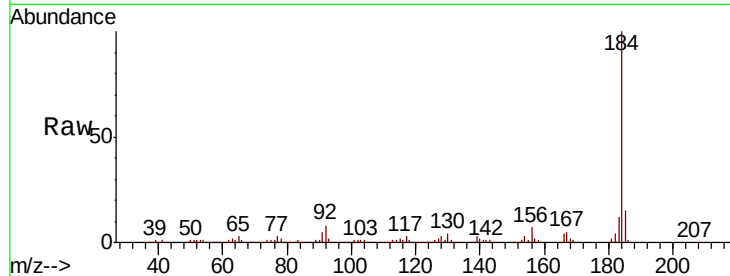
184 100

185 14.7 12.2 18.2

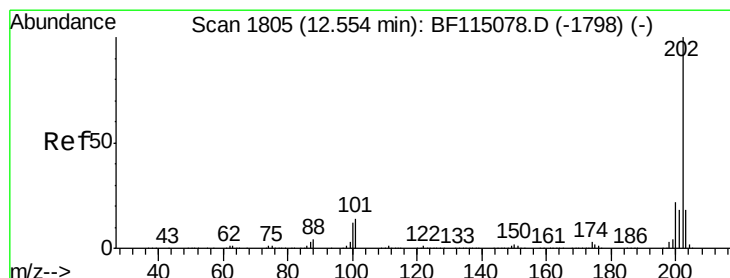
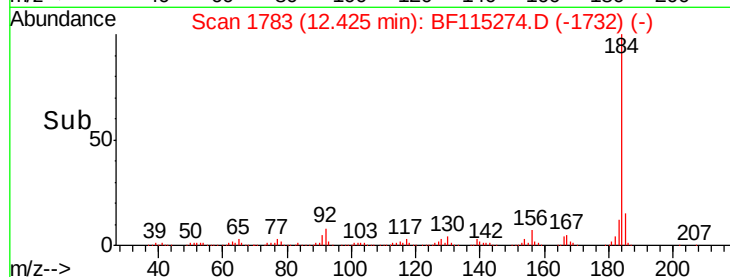
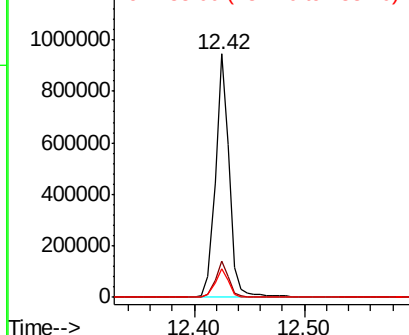
183 11.9 9.6 14.4

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



#78

Pyrene

Concen: 48.080 ng

RT: 12.53 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

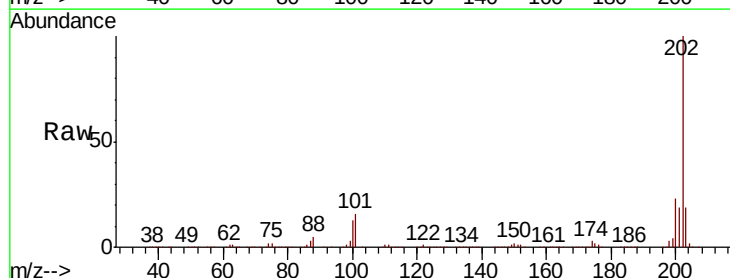
Tgt Ion:202 Resp: 2375587

Ion Ratio Lower Upper

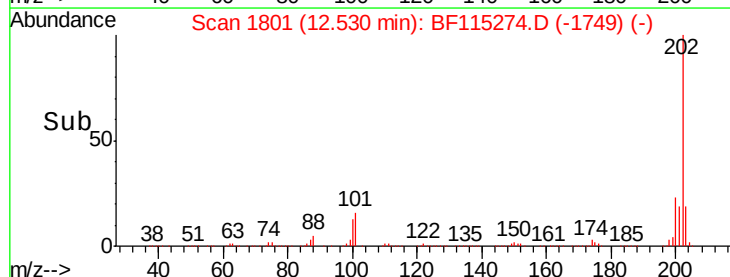
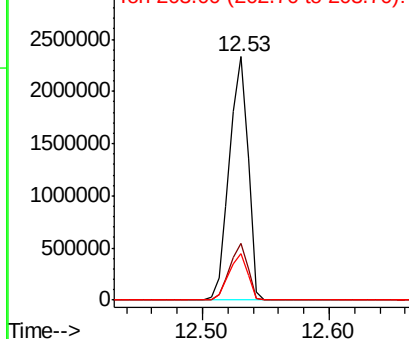
202 100

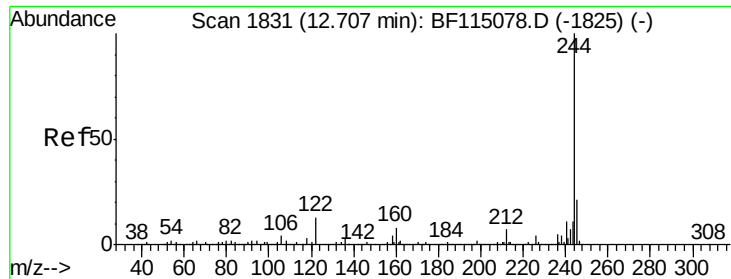
200 23.3 17.9 26.9

203 19.1 14.6 21.8



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





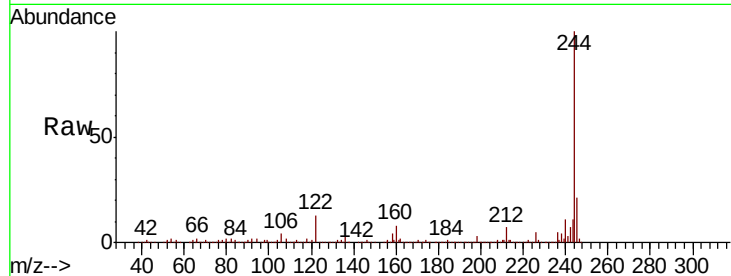
#79
 Terphenyl-d14
 Concen: 96.775 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB120979BS

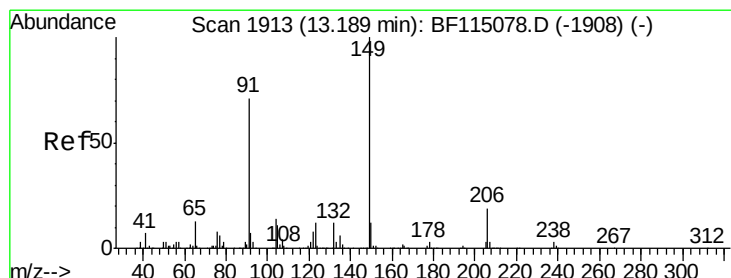
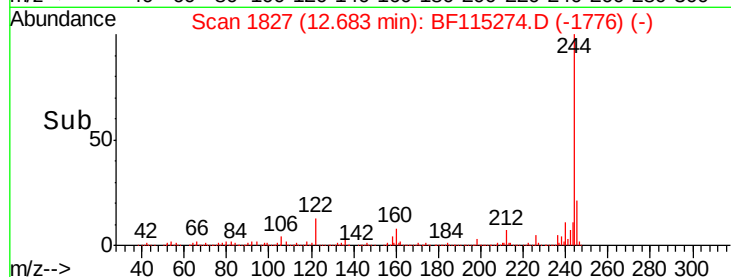
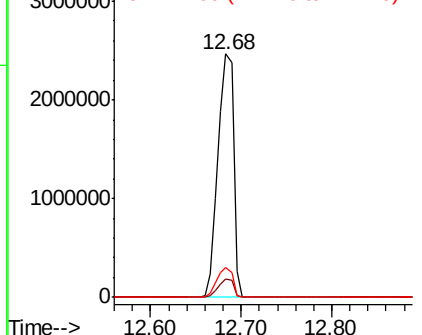
Tot Ion:244 Resp: 2926350
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 12.5 10.4 15.6

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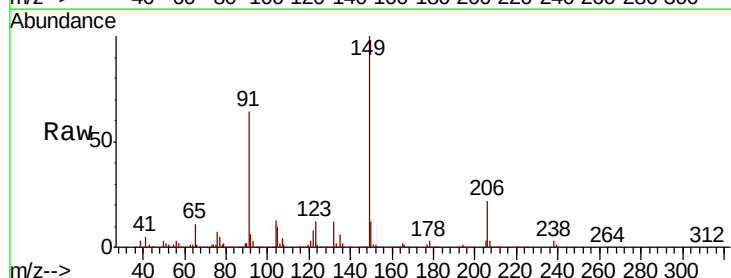


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

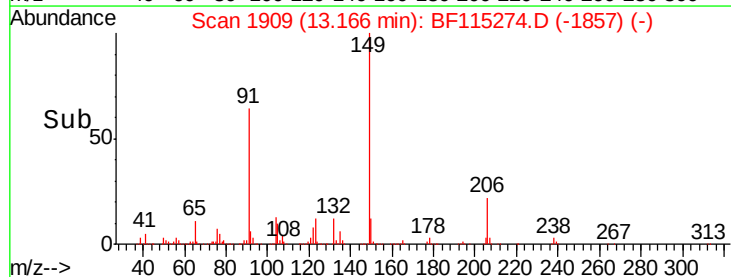
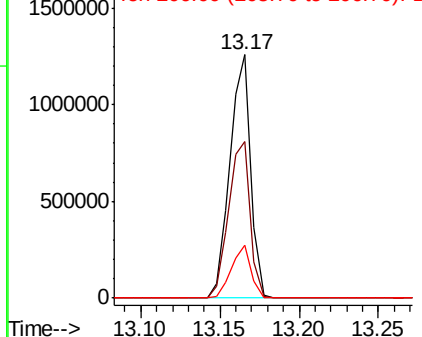


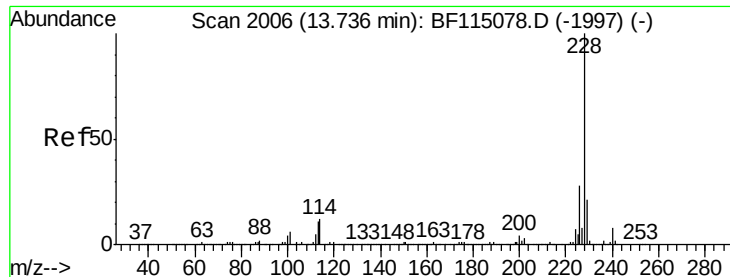
#80
 Butylbenzylphthalate
 Concen: 52.383 ng
 RT: 13.17 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion:149 Resp: 1142191
 Ion Ratio Lower Upper
 149 100
 91 64.1 56.5 84.7
 206 21.9 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





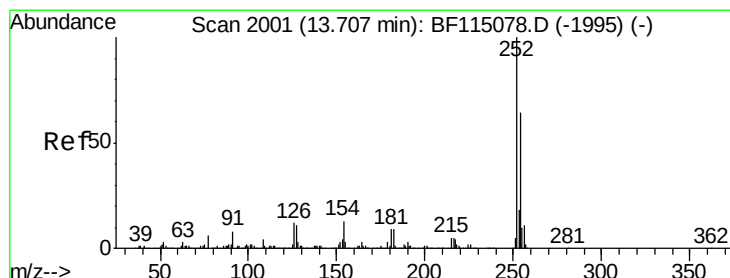
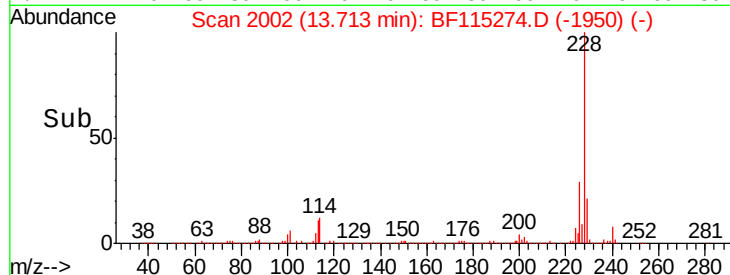
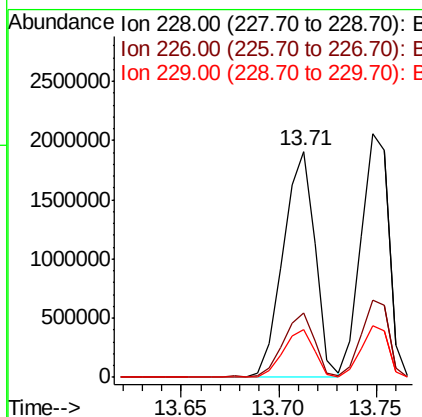
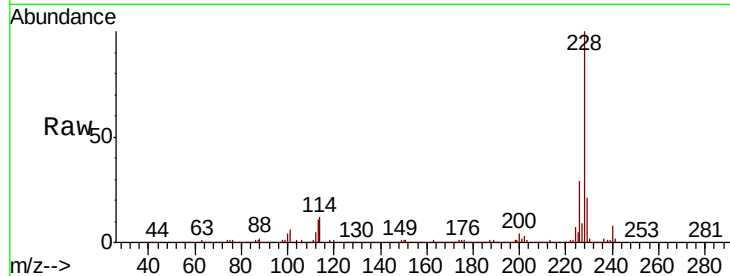
#81
Benzo(a)anthracene
Concen: 46.668 ng
RT: 13.71 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	20.9	16.6	24.8

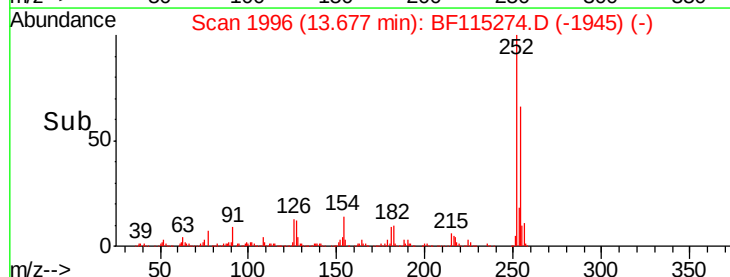
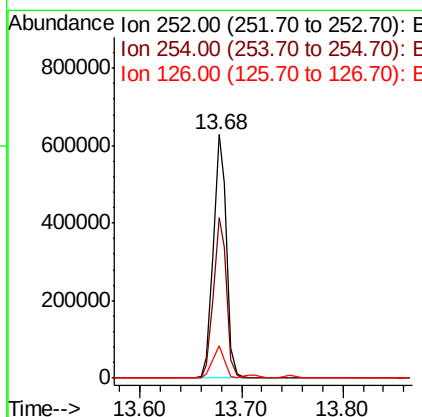
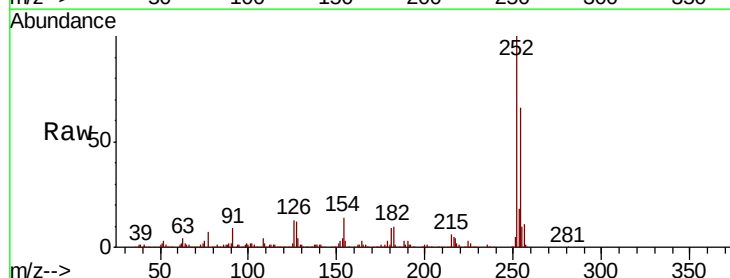
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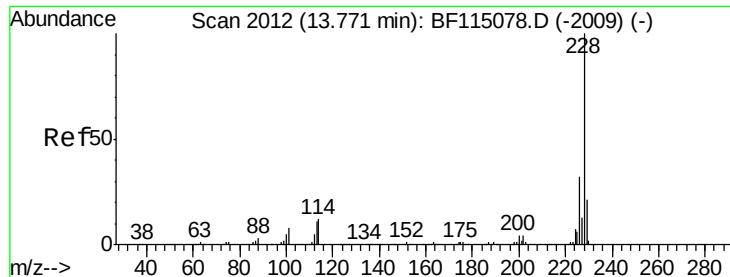
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.992 ng
RT: 13.68 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.1	76.7
126	13.1	9.4	14.0





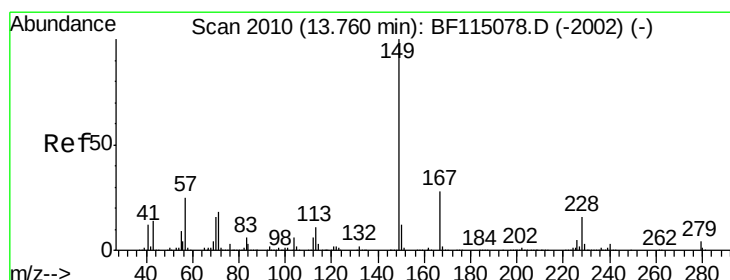
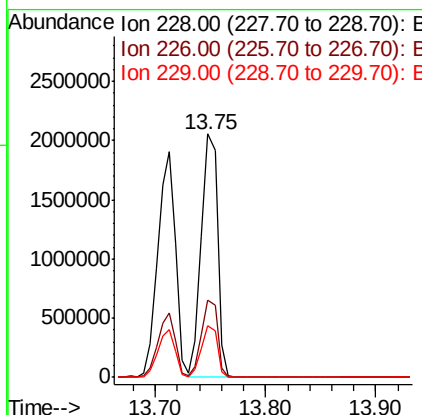
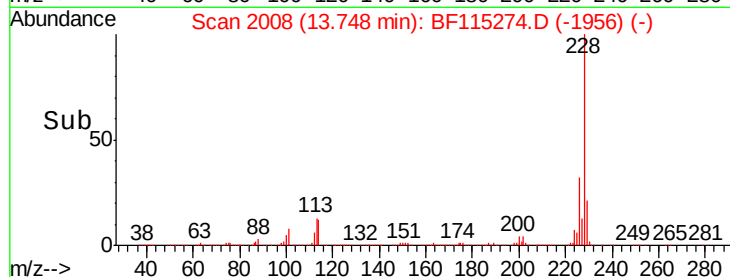
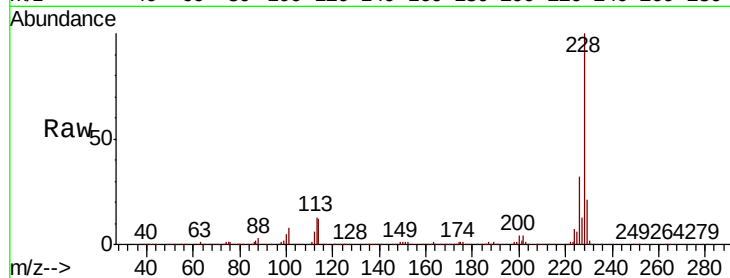
#83
 Chrysene
 Concen: 48.253 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Instrument :
 BNA_F
 ClientSampleID :
 PB120979BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	21.3	16.5	24.7

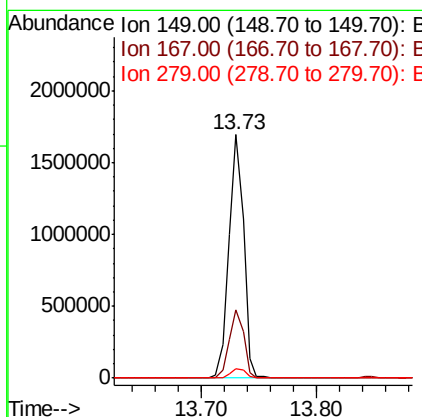
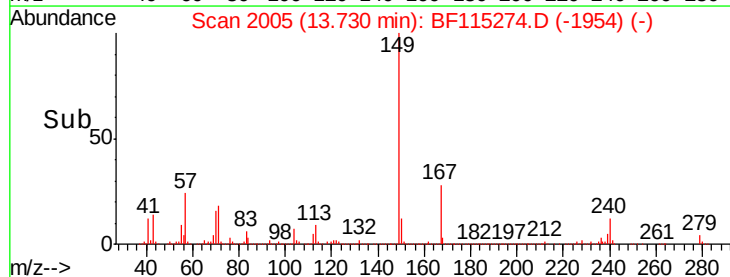
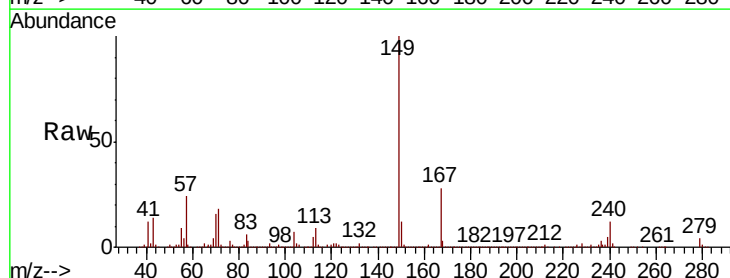
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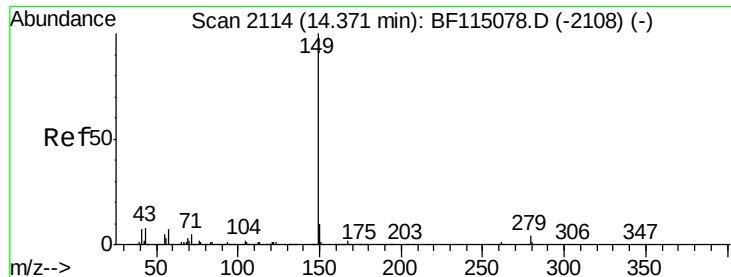
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.284 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF115274.D
 Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 53.401 ng

RT: 14.34 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

Instrument :

BNA_F

ClientSampleId :

PB120979BS

Tot Ion:149 Resp: 2563470

Ion Ratio Lower Upper

149 100

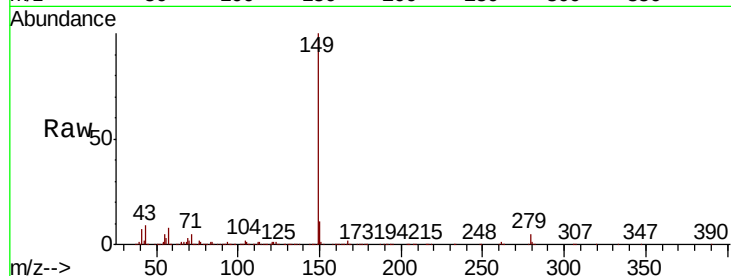
167 1.6 1.2 1.8

43 8.6 7.0 10.6

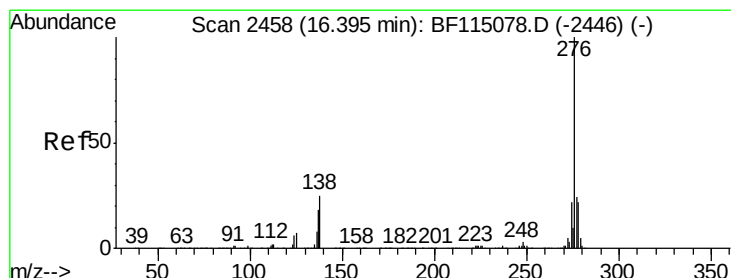
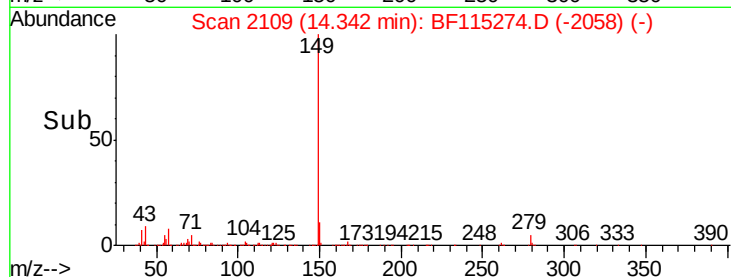
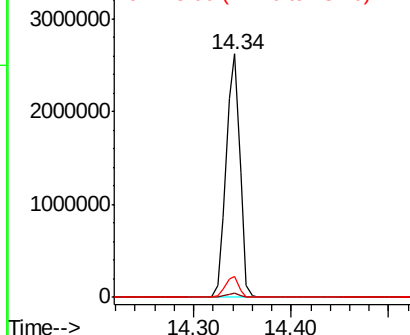
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.291 ng

RT: 16.37 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BF115274.D

Acq: 28 Jun 2019 12:02

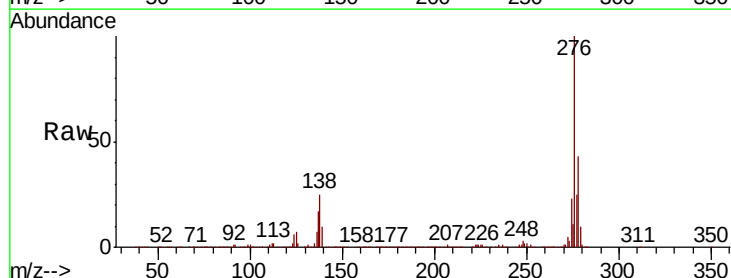
Tgt Ion:276 Resp: 2614712

Ion Ratio Lower Upper

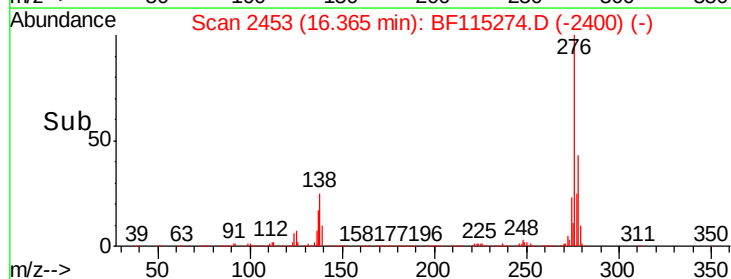
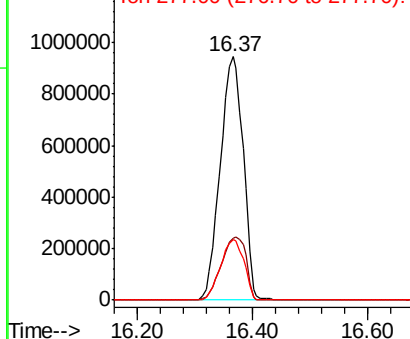
276 100

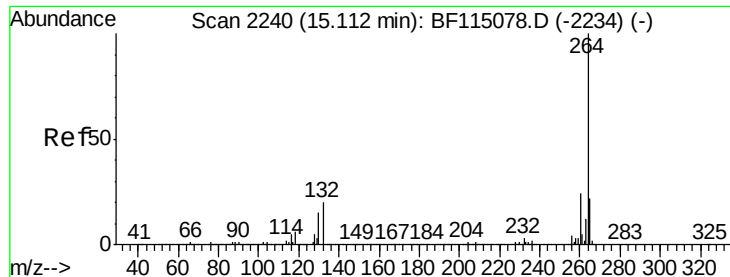
138 28.0 23.2 34.8

277 25.6 20.1 30.1



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





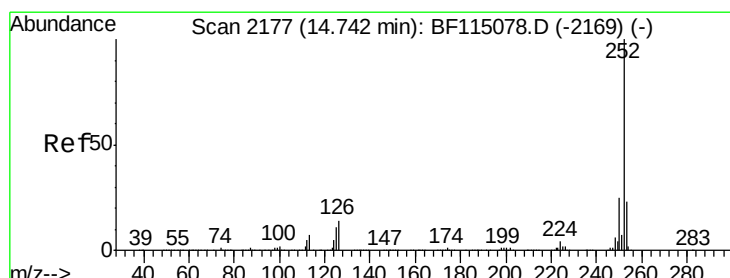
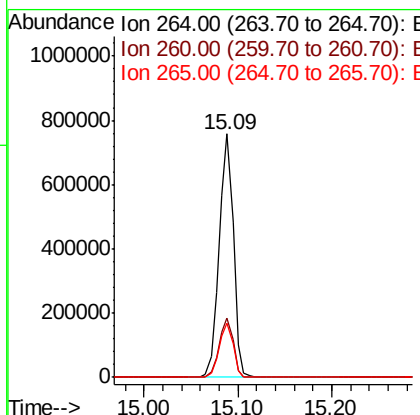
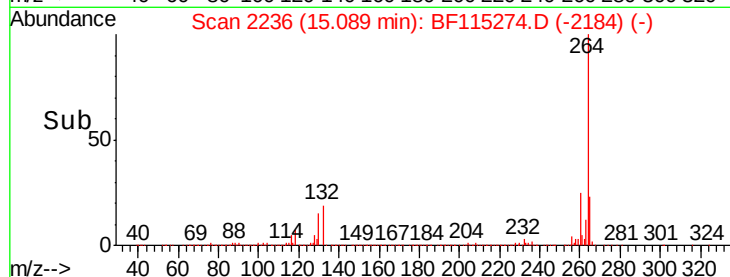
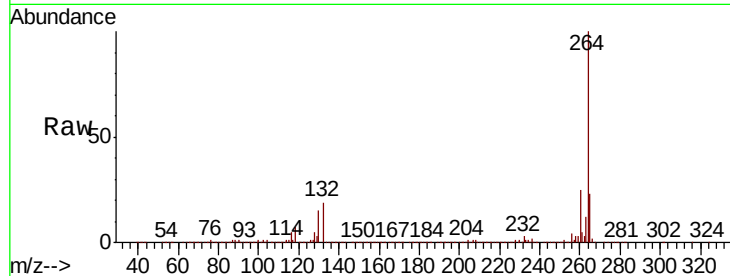
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	22.5	17.3	25.9

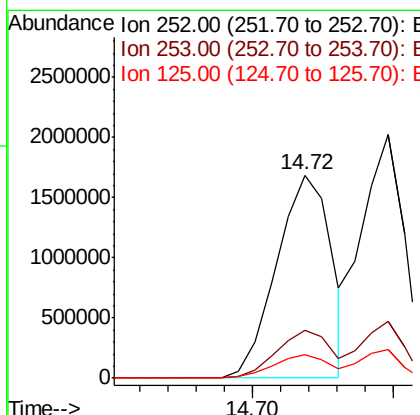
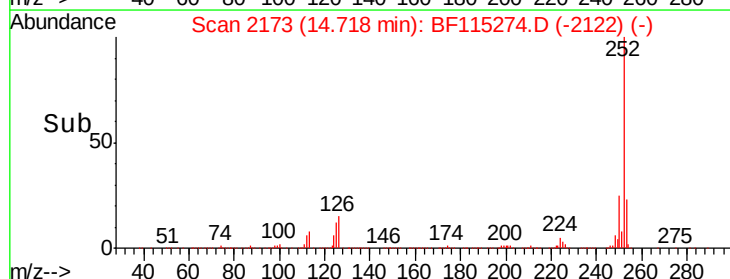
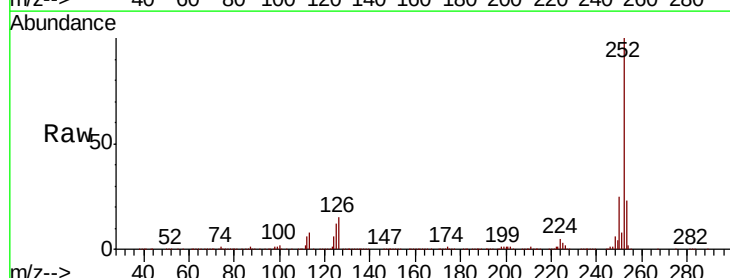
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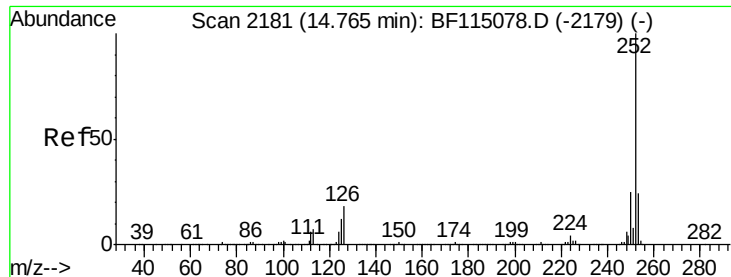
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#88
Benzo(b)fluoranthene
Concen: 45.293 ng
RT: 14.72 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.8	8.7	13.1





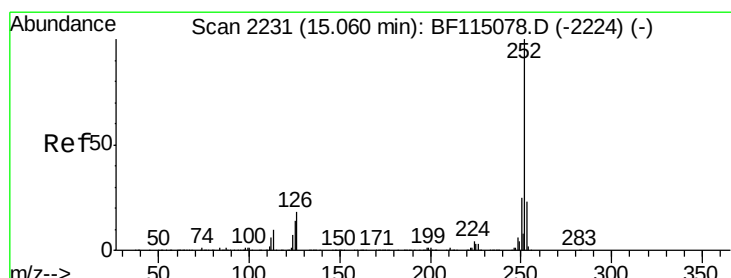
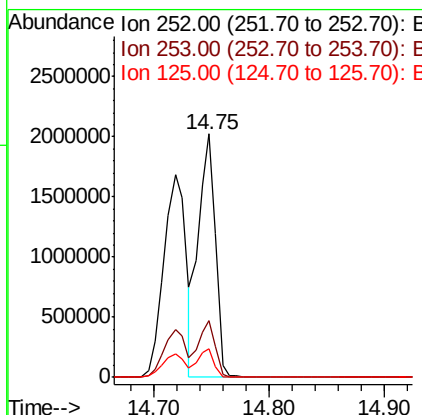
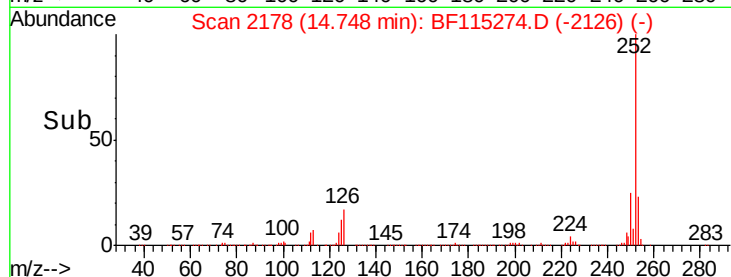
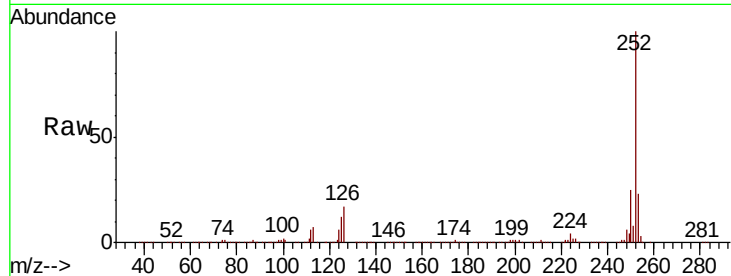
#89
Benzo(k)fluoranthene
Concen: 46.555 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.9	28.3
125	11.8	10.2	15.2

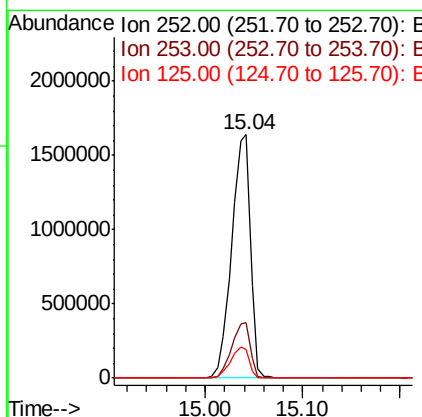
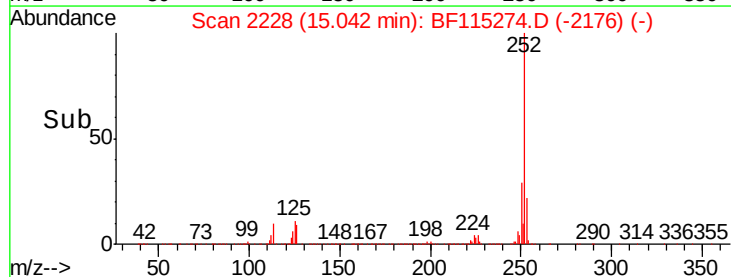
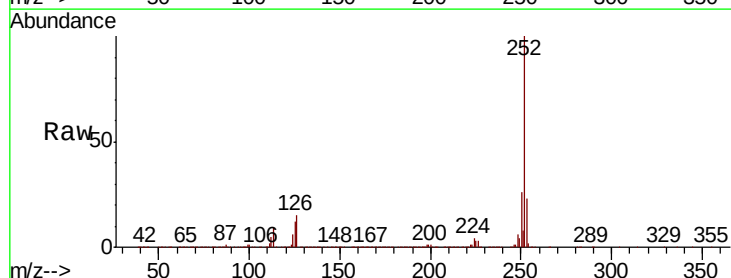
Manual Integrations
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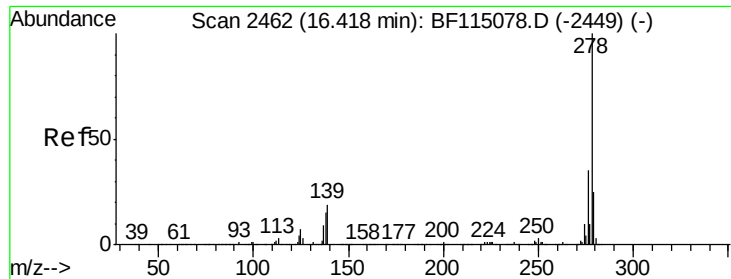
mohammad
7/1/2019 3:05:40 PM



#90
Benzo(a)pyrene
Concen: 48.340 ng
RT: 15.04 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	11.8	10.9	16.3





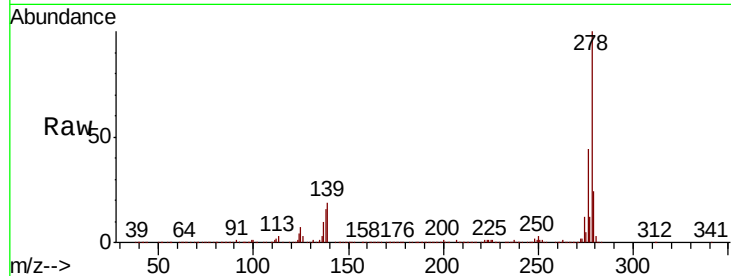
#91
Dibenzo(a,h)anthracene
Concen: 50.307 ng
RT: 16.38 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Instrument :
BNA_F
ClientSampleId :
PB120979BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.4	23.2
279	24.4	19.9	29.9

Manual Integrations
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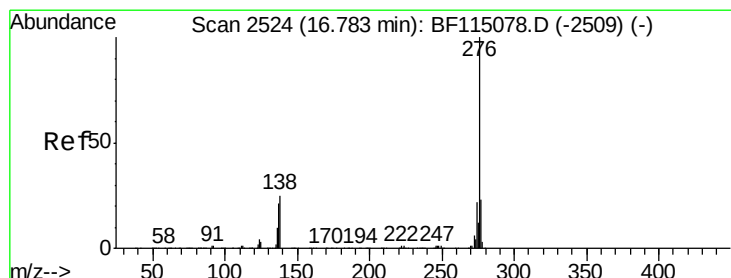
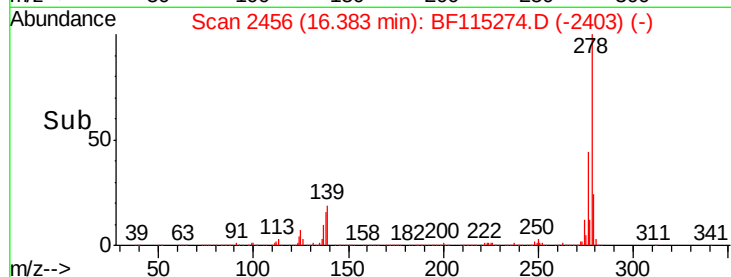
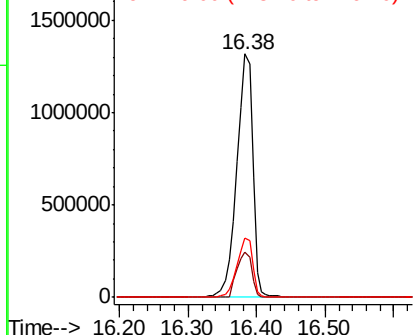


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.360 ng
RT: 16.75 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF115274.D
Acq: 28 Jun 2019 12:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	24.7	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

