

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115363.D
 Acq On : 2 Jul 2019 16:54
 Operator : HP/JU
 Sample : K3606-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Quant Time: Jul 03 05:52:43 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	6.61	152	221887	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	848764	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	412916	20.00	ng	0.02
64) Phenanthrene-d10	11.12	188	762786	20.00	ng	0.02
76) Chrysene-d12	13.75	240	425359	20.00	ng	0.03
87) Perylene-d12	15.12	264	501398	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1226605	85.31	ng	0.02
7) Phenol-d6	6.25	99	1573589	90.17	ng	0.02
23) Nitrobenzene-d5	7.17	82	969430	70.26	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	431240	99.04	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	1631890	67.13	ng	0.01
79) Terphenyl-d14	12.71	244	1417658	70.86	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	172422	25.409	ng	99
3) Pyridine	2.89	79	452590	23.663	ng	97
4) n-Nitrosodimethylamine	2.83	42	198309	26.448	ng	95
6) Aniline	6.27	93	474035	19.763	ng	# 7
8) 2-Chlorophenol	6.40	128	515256	31.869	ng	98
9) Benzaldehyde	6.15	77	289477	25.424	ng	98
10) Phenol	6.27	94	617737	30.218	ng	86
11) bis(2-Chloroethyl)ether	6.35	93	465550	30.894	ng	98
12) 1,3-Dichlorobenzene	6.55	146	557465	31.068	ng	99
13) 1,4-Dichlorobenzene	6.62	146	566229	31.469	ng	100
14) 1,2-Dichlorobenzene	6.78	146	530530	31.839	ng	99
15) Benzyl Alcohol	6.75	79	365243	28.741	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	649719	29.727	ng	93
17) 2-Methylphenol	6.88	107	443596	33.239	ng	99
18) Hexachloroethane	7.12	117	195801	30.184	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	327437	29.306	ng	97
20) 3+4-Methylphenols	7.03	107	506026	32.838	ng	# 76
22) Acetophenone	7.02	105	702827	36.170	ng	93
24) Nitrobenzene	7.19	77	511626	33.658	ng	98
25) Isophorone	7.44	82	917418	32.458	ng	99
26) 2-Nitrophenol	7.51	139	285745	38.065	ng	97
27) 2,4-Dimethylphenol	7.56	122	449038	36.535	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	593725	33.235	ng	100
29) 2,4-Dichlorophenol	7.75	162	445556	35.128	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	481667	34.379	ng	100
31) Naphthalene	7.91	128	1474744	35.396	ng	100
32) Benzoic acid	7.62	122	43549	4.964	ng	92
33) 4-Chloroaniline	7.96	127	324111	17.022	ng	98
34) Hexachlorobutadiene	8.04	225	261341	34.039	ng	99
35) Caprolactam	8.32	113	100495	23.566	ng	98
36) 4-Chloro-3-methylphenol	8.46	107	442596	34.456	ng	97
37) 2-Methylnaphthalene	8.61	142	980379	34.899	ng	97
38) 1-Methylnaphthalene	8.70	142	920636	34.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	429931	36.846	ng	100

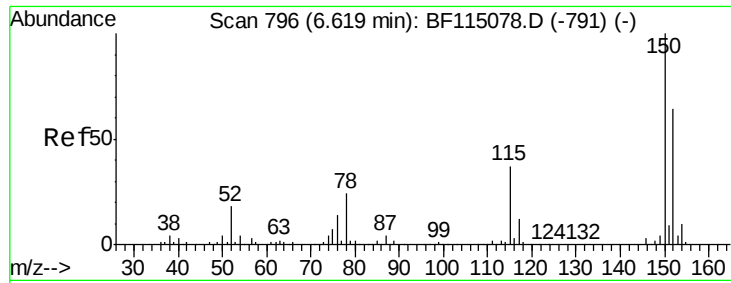
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	432901	62.568	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	312623	34.704	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	347620	37.472	ng	99
46) 1,1'-Biphenyl	9.07	154	1153683	34.919	ng	99
47) 2-Chloronaphthalene	9.09	162	919211	34.299	ng	98
48) 2-Nitroaniline	9.18	65	266026	34.048	ng	97
49) Acenaphthylene	9.50	152	1440141	34.490	ng	99
50) Dimethylphthalate	9.38	163	1555601	51.206	ng	100
51) 2,6-Dinitrotoluene	9.43	165	249927	35.635	ng	98
52) Acenaphthene	9.68	154	838162	32.079	ng	100
53) 3-Nitroaniline	9.60	138	235476	27.512	ng	100
54) 2,4-Dinitrophenol	9.70	184	87882	29.459	ng	95
55) Dibenzofuran	9.85	168	1258888	33.569	ng	99
56) 4-Nitrophenol	9.77	139	423018	61.649	ng	88
57) 2,4-Dinitrotoluene	9.83	165	325685	35.963	ng	93
58) Fluorene	10.19	166	908508	34.910	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	282641	36.335	ng	97
60) Diethylphthalate	10.08	149	1052826	34.477	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	436446	35.320	ng	97
62) 4-Nitroaniline	10.21	138	265211	30.888	ng	99
63) Azobenzene	10.34	77	923424	32.375	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	138447	35.547	ng	99
66) n-Nitrosodiphenylamine	10.30	169	859323	36.160	ng	100
67) 4-Bromophenyl-phenylether	10.67	248	295375	35.716	ng	95
68) Hexachlorobenzene	10.74	284	316749	35.285	ng	97
69) Atrazine	10.84	200	280160	36.648	ng	99
70) Pentachlorophenol	10.93	266	362687	63.420	ng	97
71) Phenanthrene	11.14	178	1616987	39.372	ng	100
72) Anthracene	11.20	178	1464533	35.327	ng	99
73) Carbazole	11.35	167	1241053	33.524	ng	100
74) Di-n-butylphthalate	11.70	149	1539352	35.985	ng	100
75) Fluoranthene	12.32	202	1673311	40.836	ng	99
77) Benzidine	12.45	184	446440	23.637	ng	97
78) Pyrene	12.55	202	1599686	48.936	ng	99
80) Butylbenzylphthalate	13.18	149	551758	38.247	ng	97
81) Benzo(a)anthracene	13.74	228	1223779	40.096	ng	100
82) 3,3'-Dichlorobenzidine	13.70	252	313588	28.452	ng	99
83) Chrysene	13.77	228	1148608	41.084	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	748065	39.575	ng	100
85) Di-n-octyl phthalate	14.37	149	1224248	38.547	ng	99
86) Indeno(1,2,3-cd)pyrene	16.41	276	1030302	31.144	ng	98
88) Benzo(b)fluoranthene	14.75	252	1359309	43.448	ng	100
89) Benzo(k)fluoranthene	14.77	252	981870	34.996	ng	97
90) Benzo(a)pyrene	15.07	252	1136355	40.299	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	815728	30.987	ng	98
92) Benzo(g,h,i)perylene	16.79	276	814387	30.566	ng	99

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

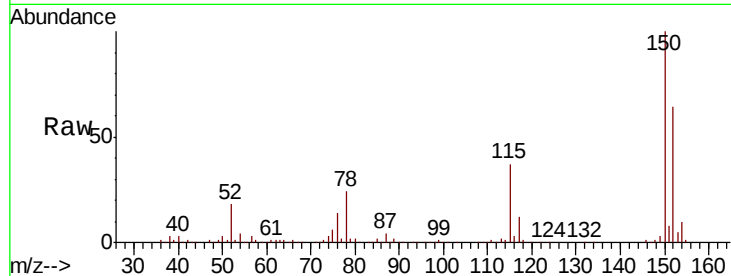


#1

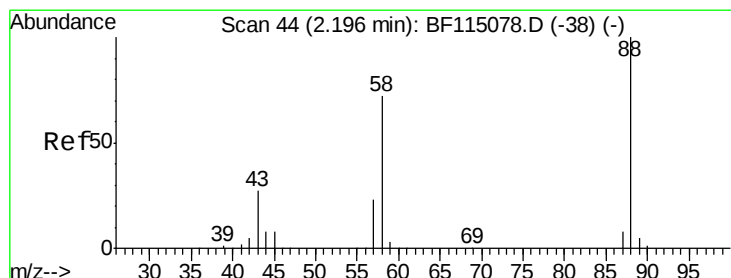
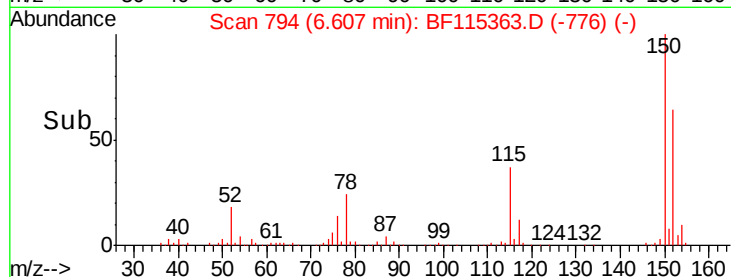
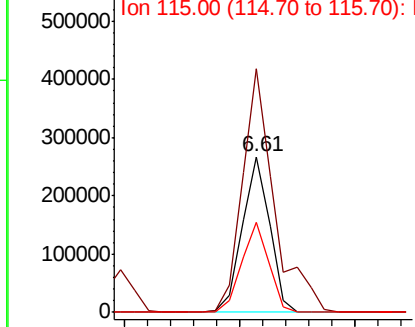
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion: 152 Resp: 221887
Ion Ratio Lower Upper
152 100
150 156.5 124.2 186.2
115 58.0 46.1 69.1



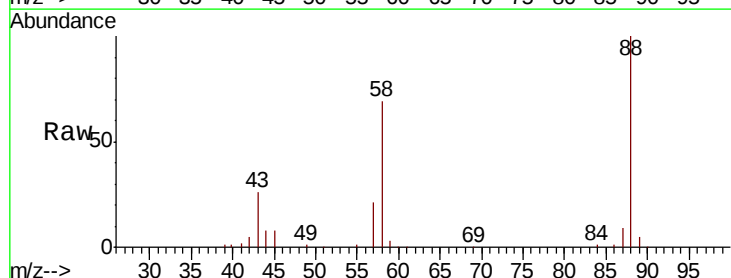
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



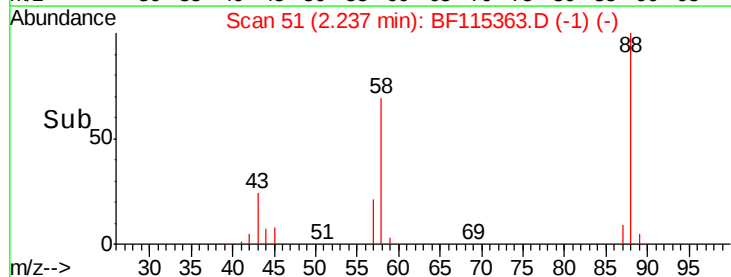
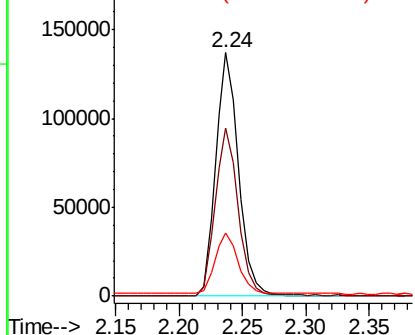
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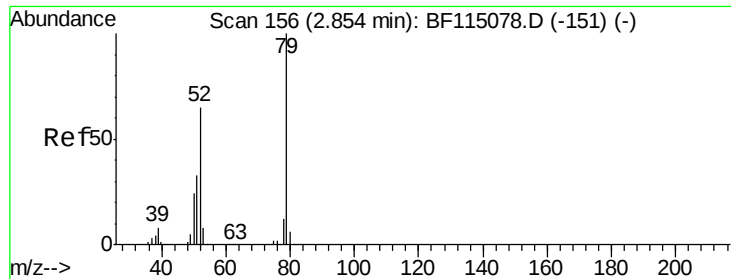
1,4-Dioxane
Concen: 25.409 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion: 88 Resp: 172422
Ion Ratio Lower Upper
88 100
58 69.3 56.1 84.1
43 25.3 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

Pyridine

Concen: 23.663 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

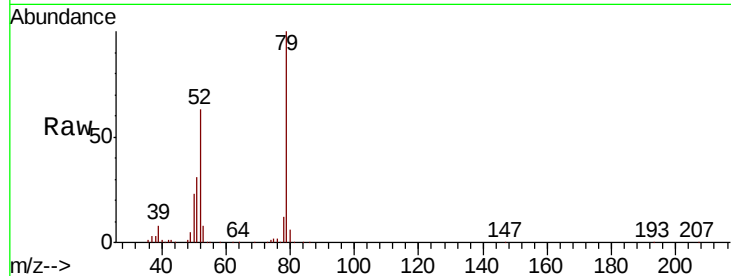
Tgt Ion: 79 Resp: 452590

Ion Ratio Lower Upper

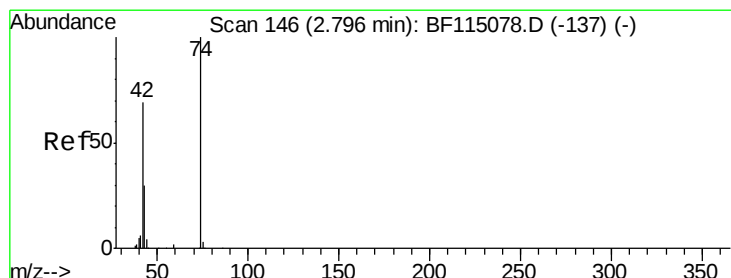
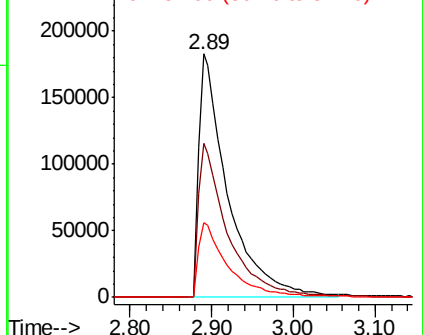
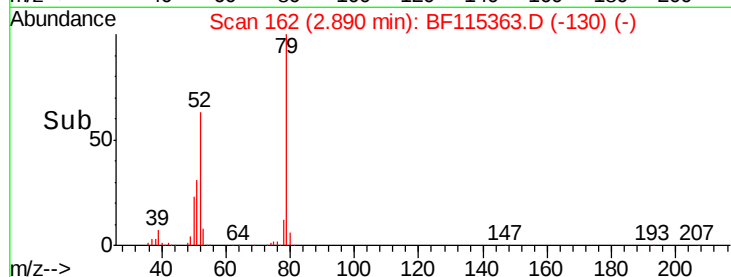
79 100

52 63.3 52.3 78.5

51 30.9 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 26.448 ng

RT: 2.83 min Scan# 152

Delta R.T. 0.08 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

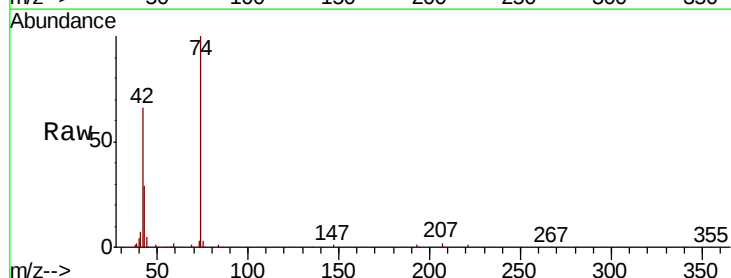
Tgt Ion: 42 Resp: 198309

Ion Ratio Lower Upper

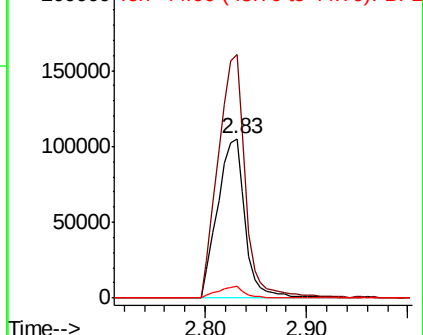
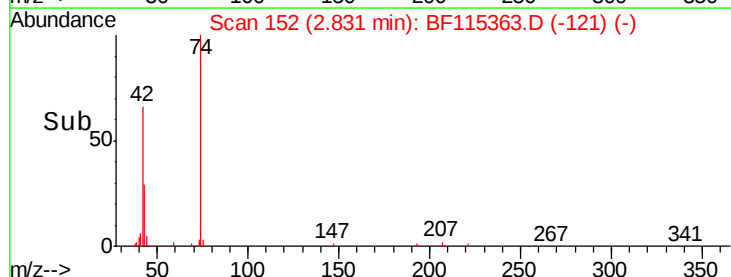
42 100

74 152.6 116.6 175.0

44 7.2 5.3 7.9



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





#5

2-Fluorophenol

Concen: 85.307 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

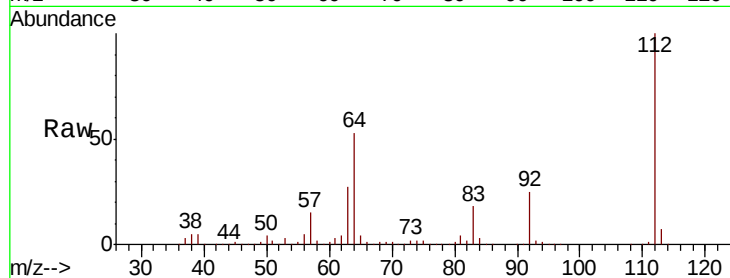
Tgt Ion: 112 Resp: 1226605

Ion Ratio Lower Upper

112 100

64 52.9 43.8 65.6

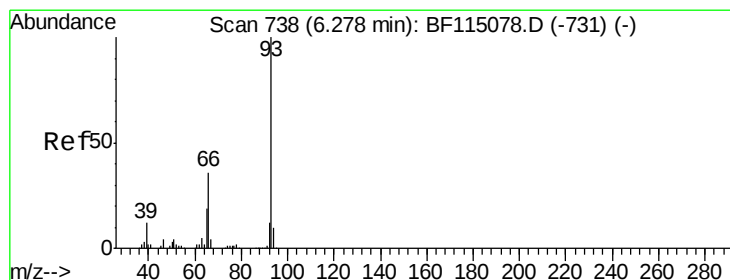
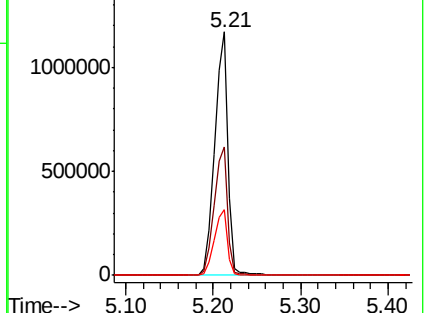
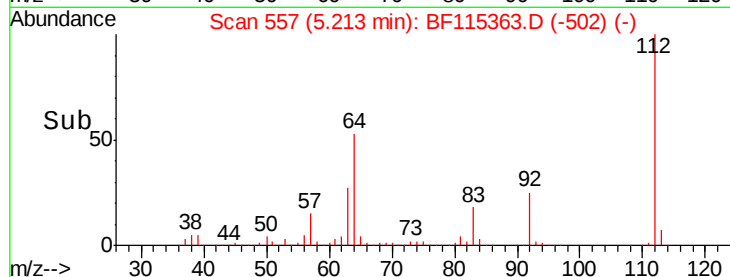
63 27.0 22.2 33.4



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: 19.763 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

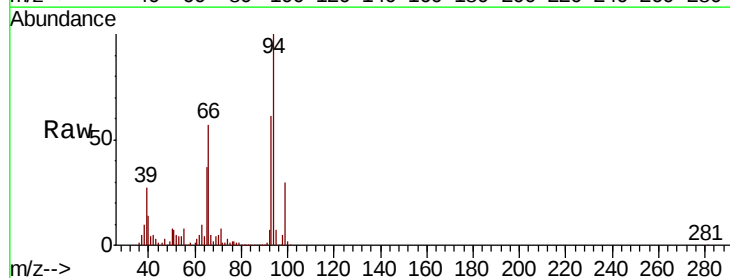
Tgt Ion: 93 Resp: 474035

Ion Ratio Lower Upper

93 100

66 93.4 30.0 45.0#

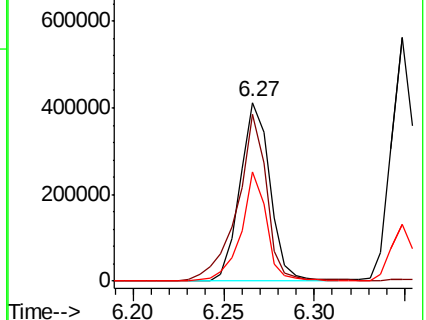
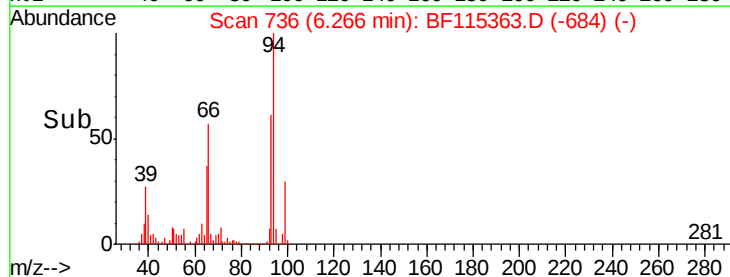
65 61.1 15.6 23.4#

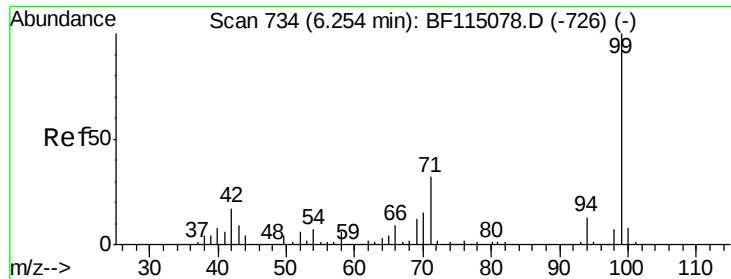


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.166 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

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ClientSampleId :

HJDC-COMP-1MSD

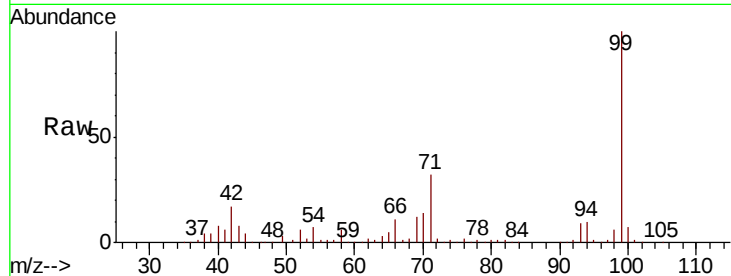
Tgt Ion: 99 Resp: 1573589

Ion Ratio Lower Upper

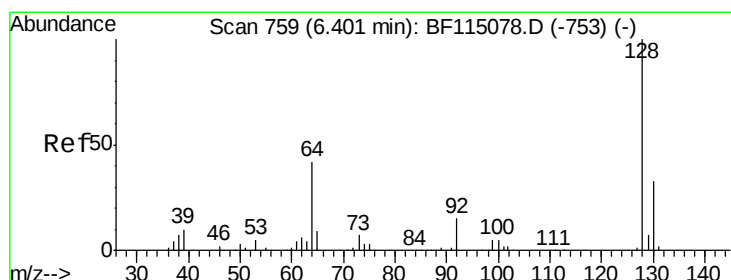
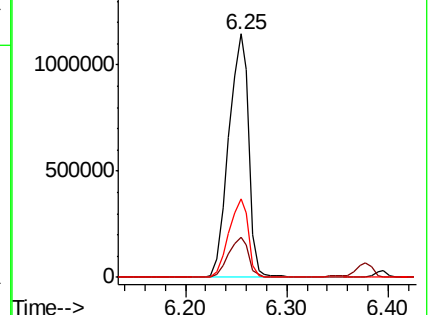
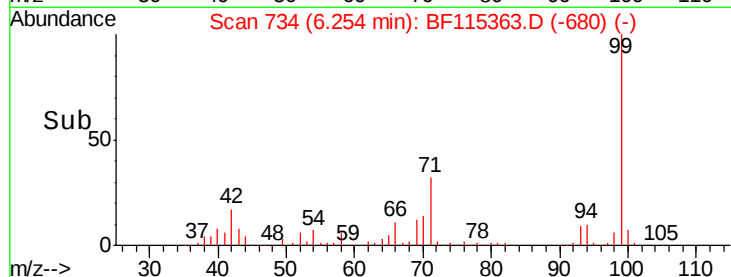
99 100

42 16.6 13.6 20.4

71 32.3 25.5 38.3



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: 31.869 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

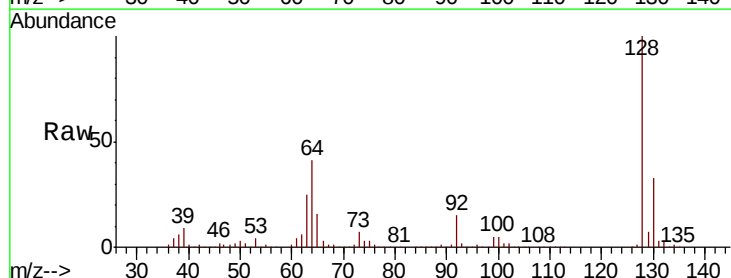
Tgt Ion: 128 Resp: 515256

Ion Ratio Lower Upper

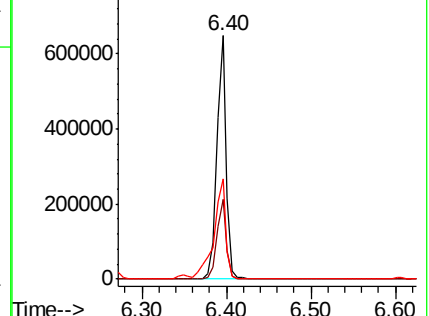
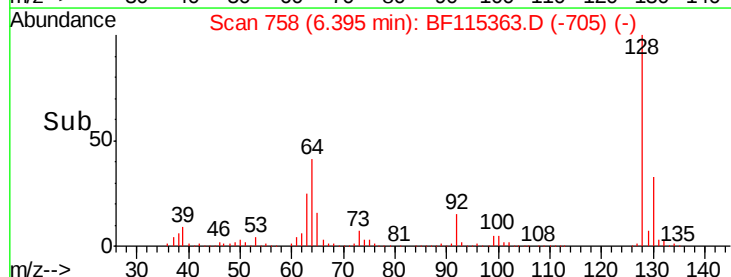
128 100

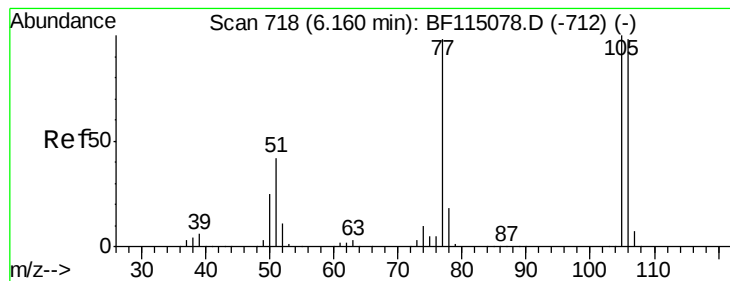
130 32.9 12.9 52.9

64 41.0 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: 25.424 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

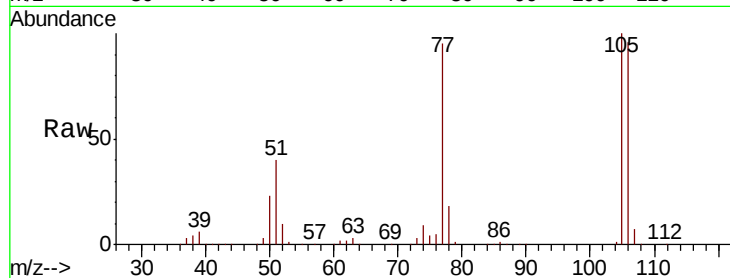
Tgt Ion: 77 Resp: 289477

Ion Ratio Lower Upper

77 100

105 105.0 81.5 121.5

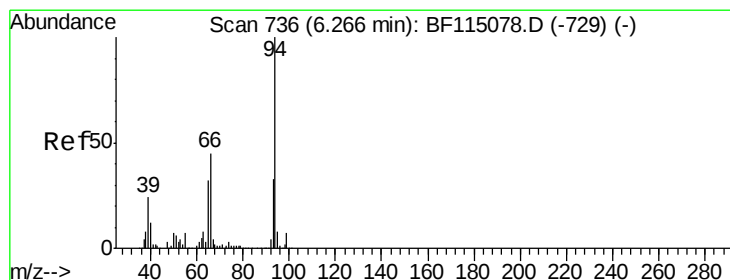
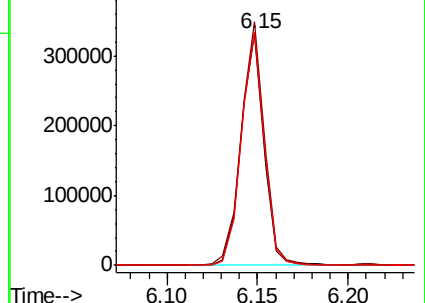
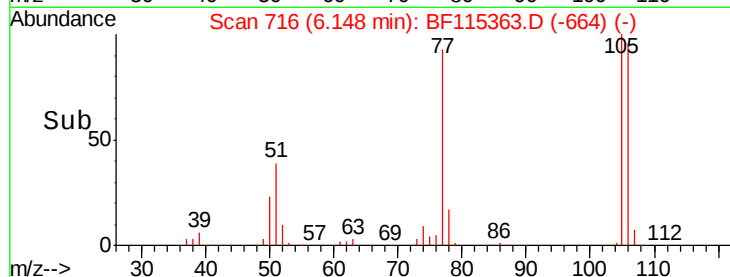
106 100.7 79.7 119.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.218 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

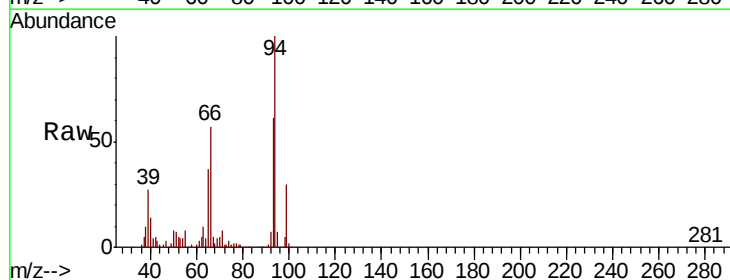
Tgt Ion: 94 Resp: 617737

Ion Ratio Lower Upper

94 100

65 37.2 11.9 51.9

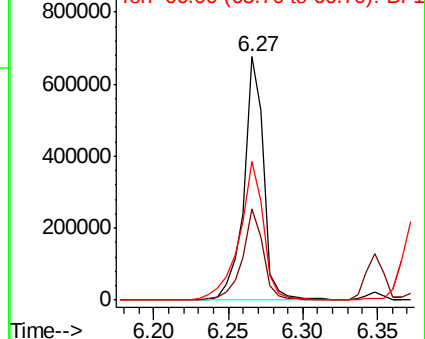
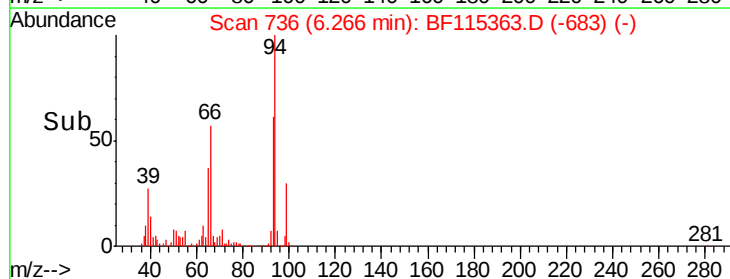
66 56.9 25.2 65.2

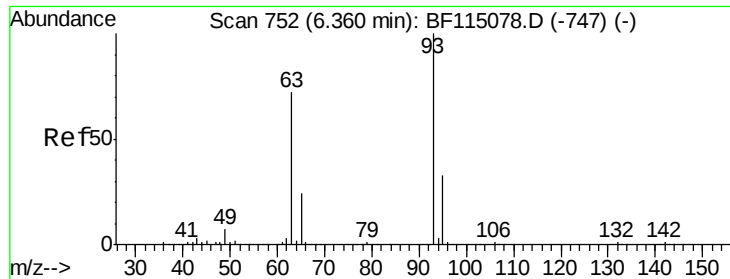


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

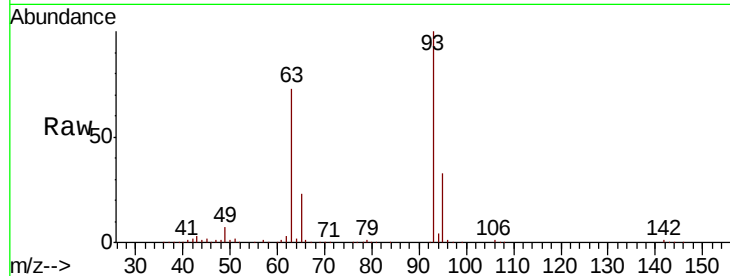




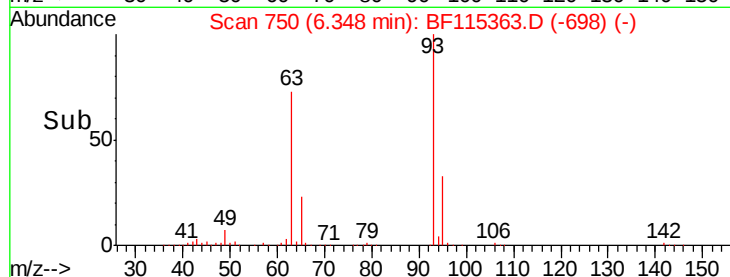
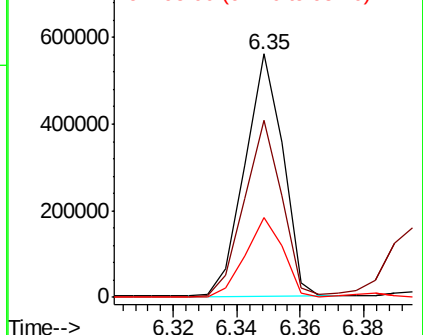
#11
bis(2-Chloroethyl)ether
Concen: 30.894 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion: 93 Resp: 465550
Ion Ratio Lower Upper
93 100
63 73.0 51.5 91.5
95 32.7 13.4 53.4

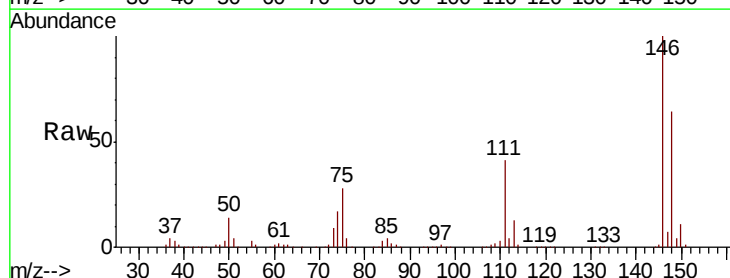


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

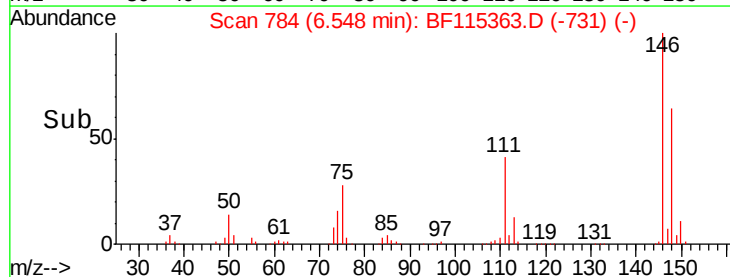
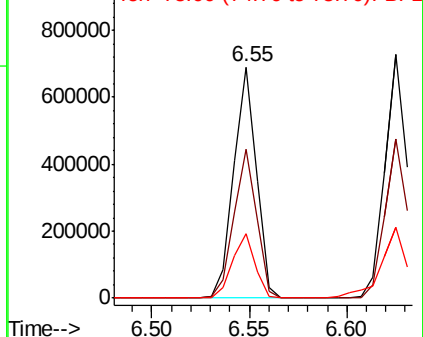


#12
1,3-Dichlorobenzene
Concen: 31.068 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion: 146 Resp: 557465
Ion Ratio Lower Upper
146 100
148 64.3 52.6 78.8
75 27.8 22.6 34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

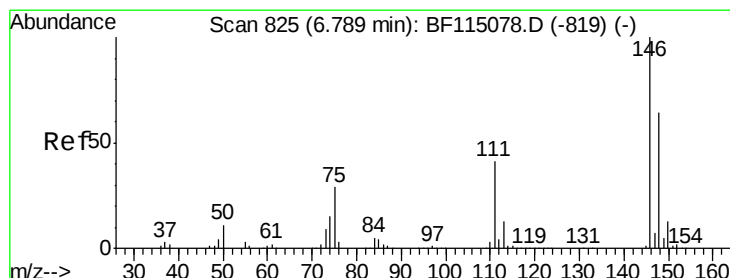
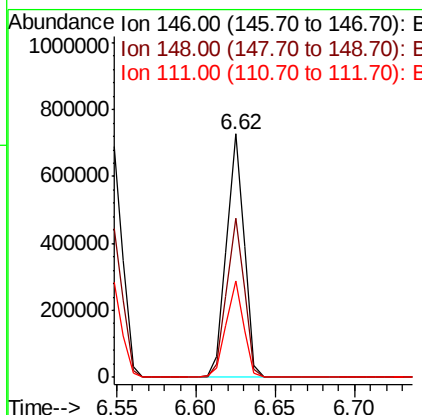
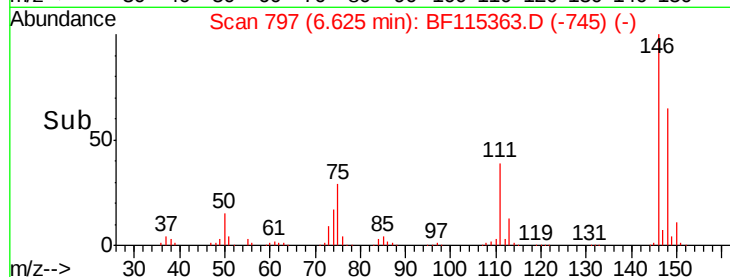
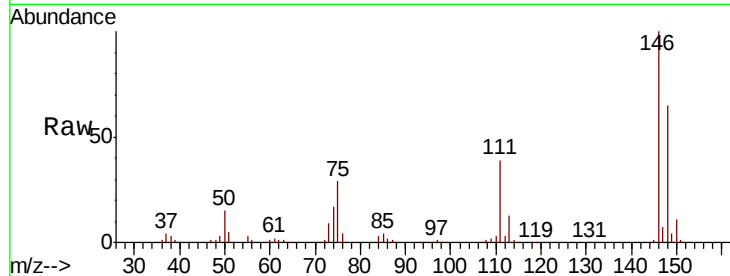




#13
 1,4-Dichlorobenzene
 Concen: 31.469 ng
 RT: 6.62 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

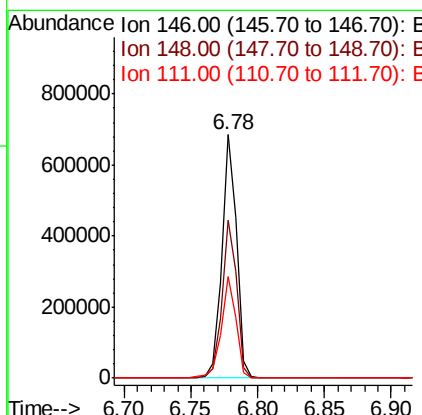
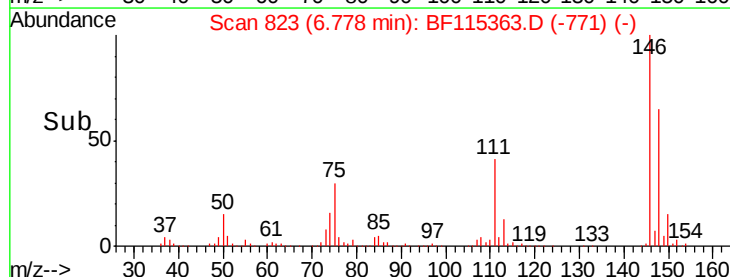
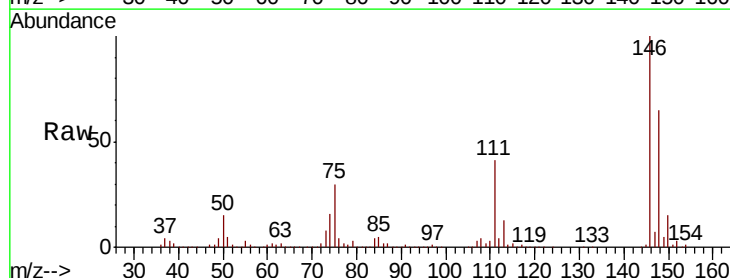
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

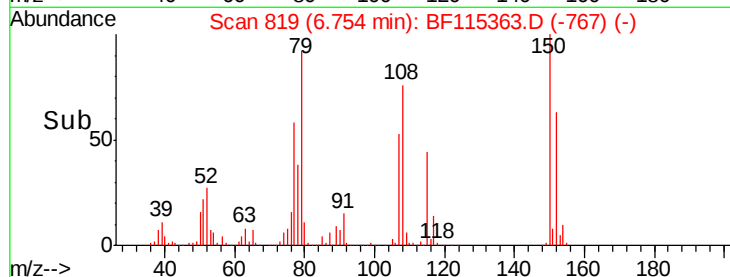
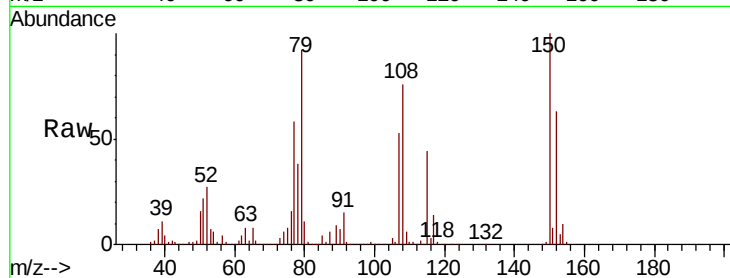
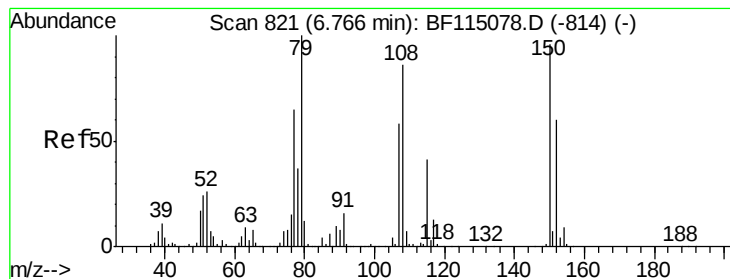
Tgt Ion:146 Resp: 566229
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 39.4 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 31.839 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:146 Resp: 530530
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 41.5 33.2 49.8





#15

Benzyl Alcohol

Concen: 28.741 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

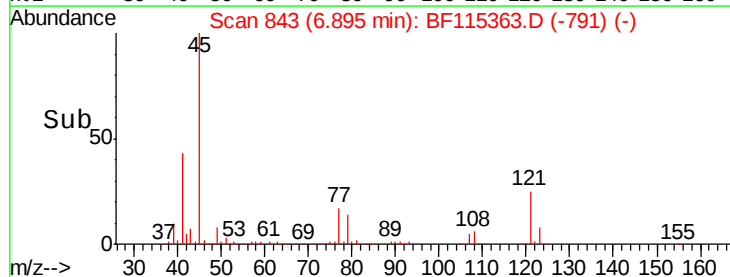
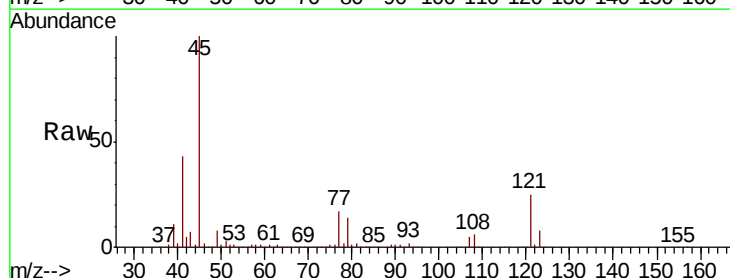
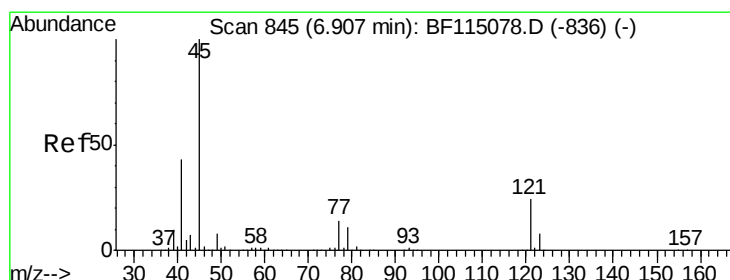
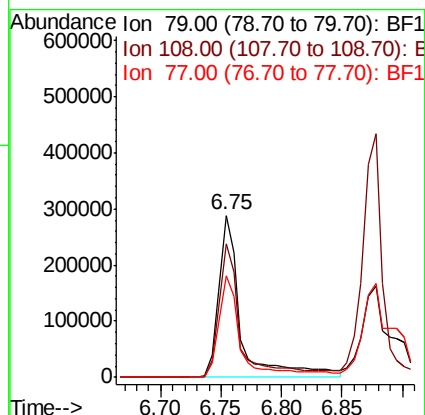
Tgt Ion: 79 Resp: 365243

Ion Ratio Lower Upper

79 100

108 82.4 68.7 103.1

77 62.5 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.727 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

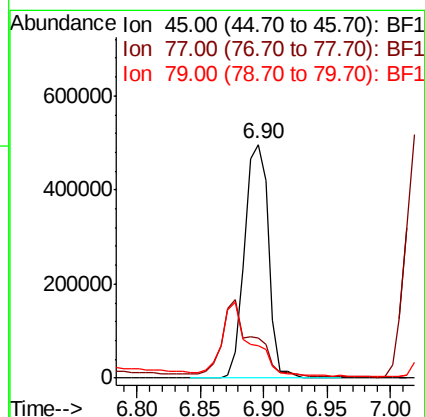
Tgt Ion: 45 Resp: 649719

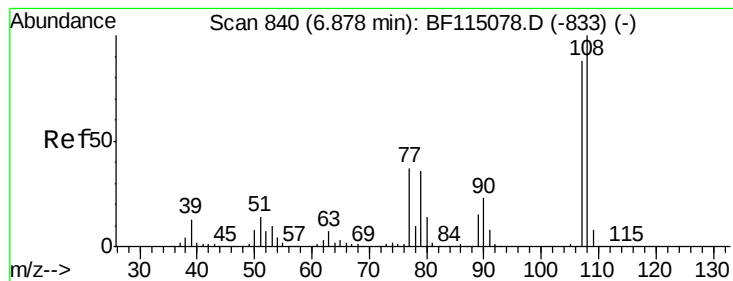
Ion Ratio Lower Upper

45 100

77 17.4 0.0 34.6

79 14.1 0.0 31.2





#17

2-Methylphenol

Concen: 33.239 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tgt Ion:107 Resp: 443596

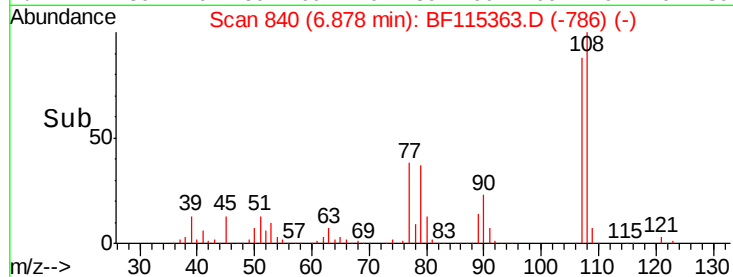
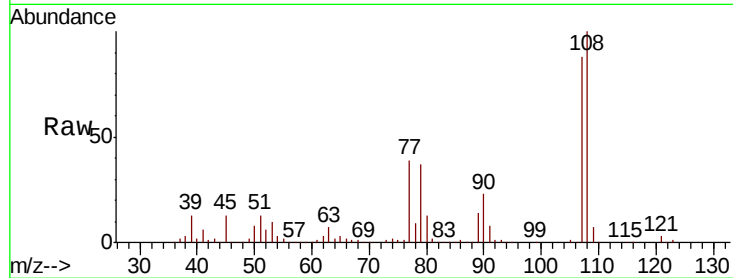
Ion Ratio Lower Upper

107 100

108 113.6 90.9 136.3

77 44.0 33.4 50.2

79 42.4 32.3 48.5

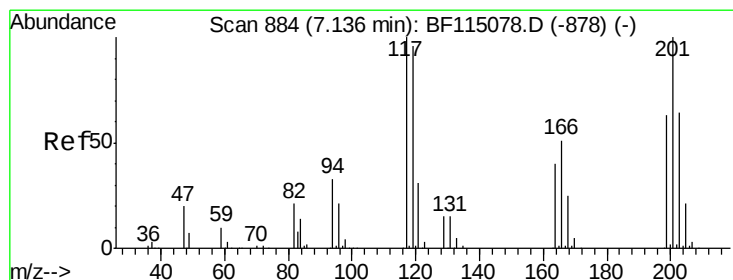
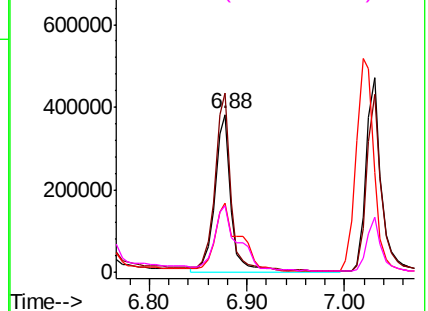


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 30.184 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

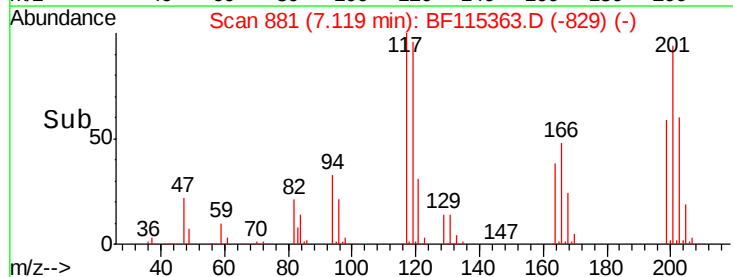
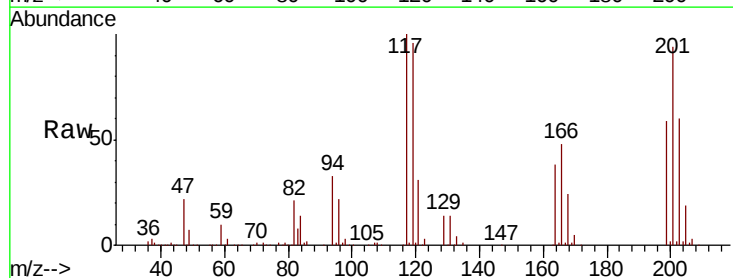
Tgt Ion:117 Resp: 195801

Ion Ratio Lower Upper

117 100

119 95.6 76.6 114.8

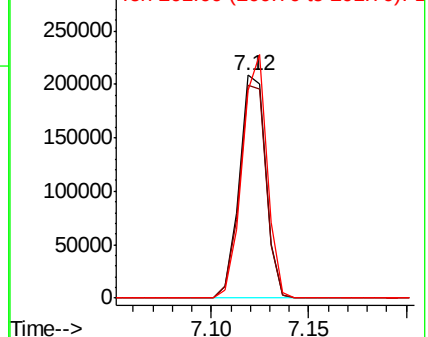
201 93.6 80.2 120.2

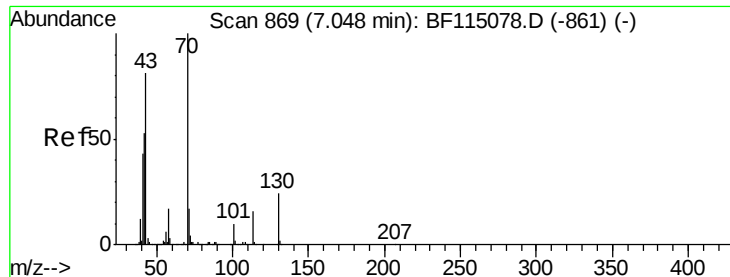


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

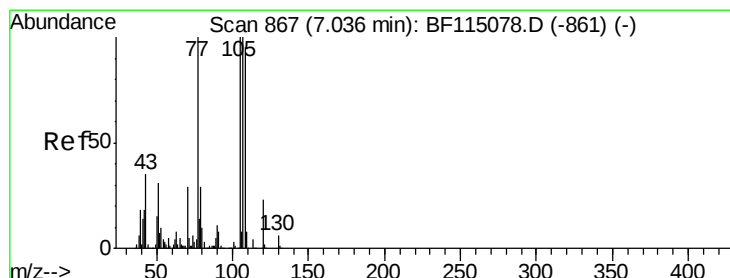
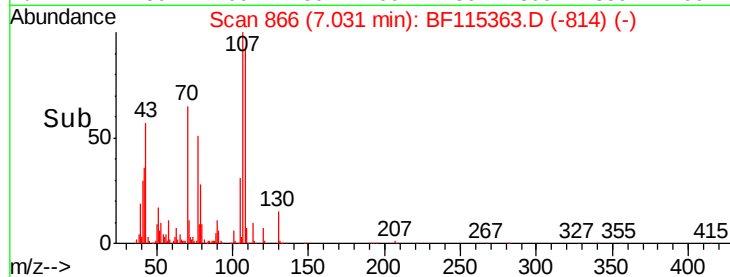
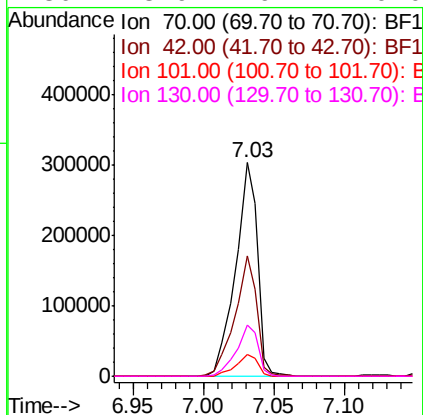
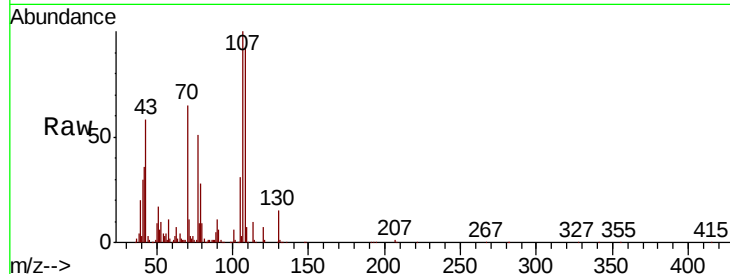




#19
n-Nitroso-di-n-propylamine
Concen: 29.306 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

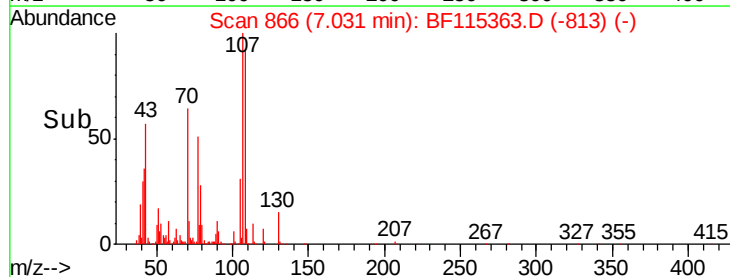
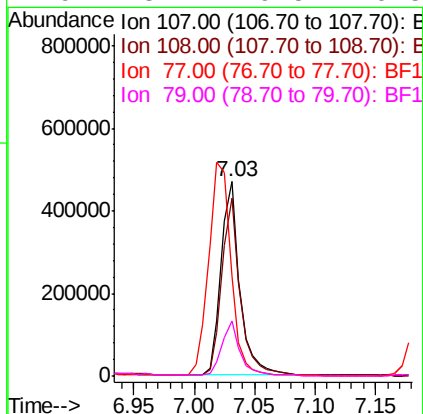
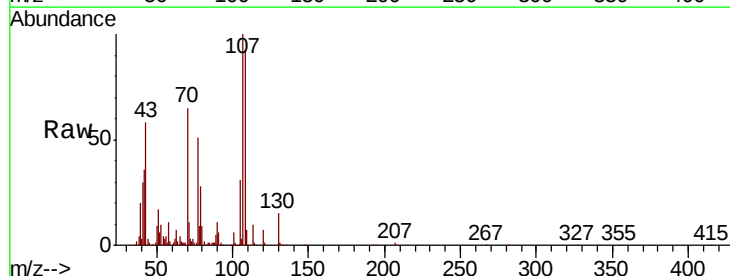
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion:	70	Resp:	327437
Ion	Ratio	Lower	Upper
70	100		
42	56.4	42.6	63.8
101	10.0	8.0	12.0
130	23.9	19.4	29.0



#20
3+4-Methylphenols
Concen: 32.838 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:	107	Resp:	506026
Ion	Ratio	Lower	Upper
107	100		
108	91.8	75.5	115.5
77	51.4	80.2	120.2#
79	28.2	9.5	49.5

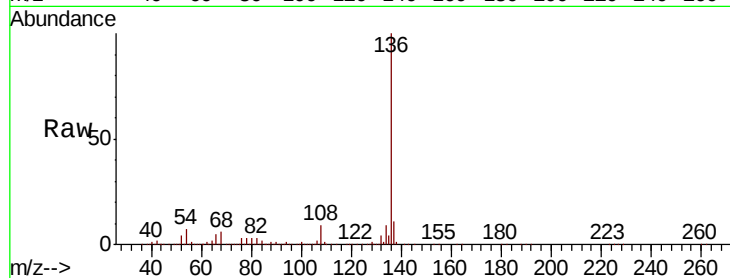




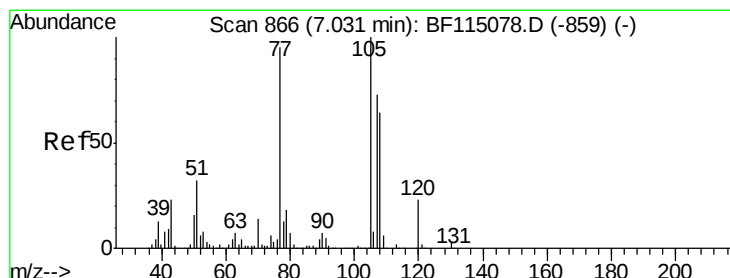
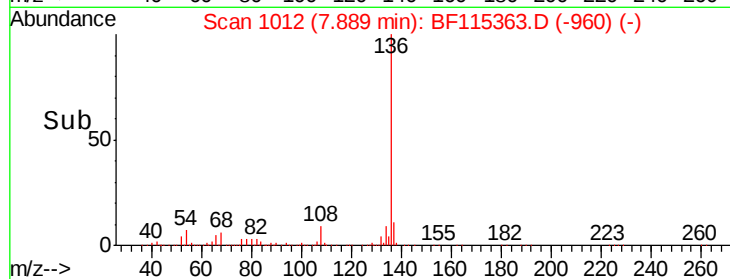
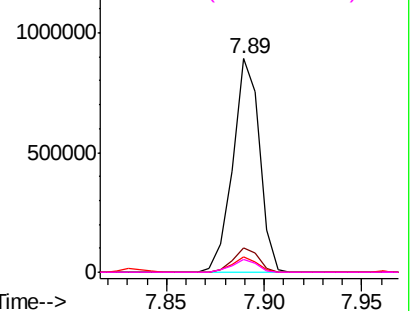
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion:	136	Resp:	848764
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.0	5.6	8.4
68	6.2	4.8	7.2

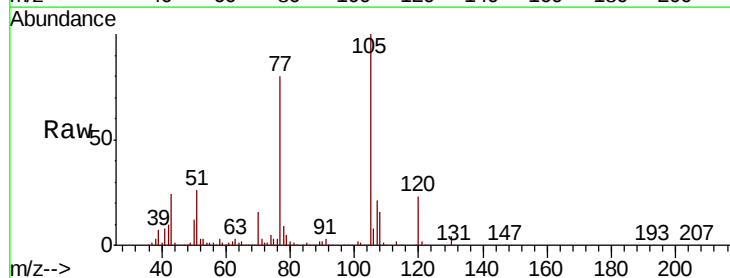


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

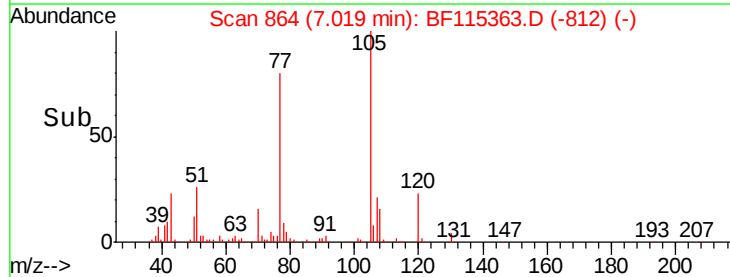
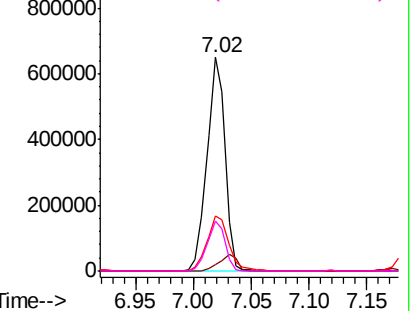


#22
Acetophenone
Concen: 36.170 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:	105	Resp:	702827
Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.9	2.9
51	26.0	25.8	38.8
120	23.4	18.5	27.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

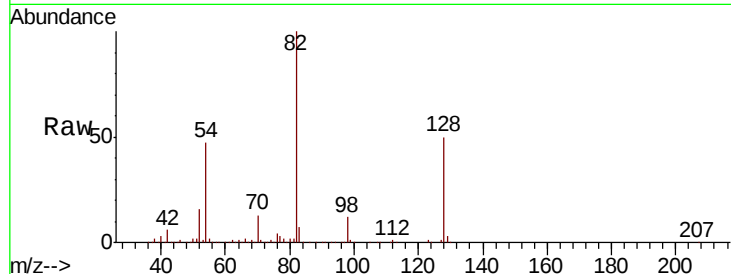




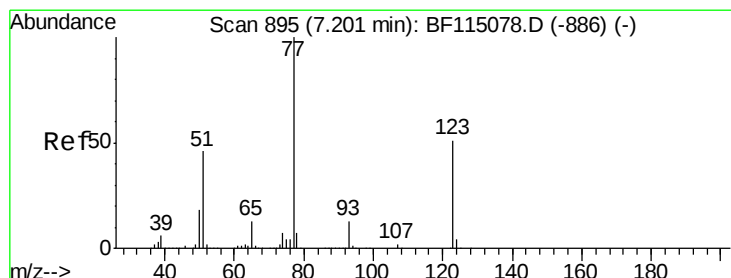
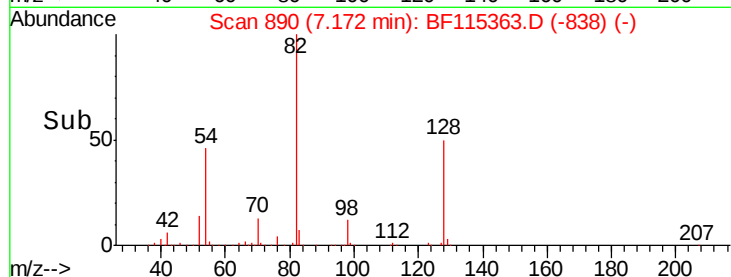
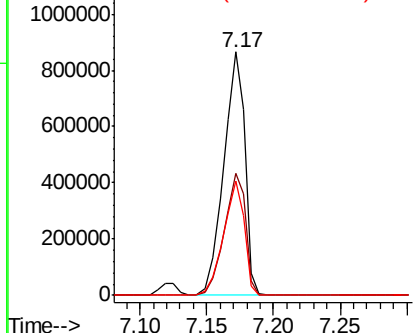
#23
Nitrobenzene-d5
Concen: 70.261 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion: 82 Resp: 969430
Ion Ratio Lower Upper
82 100
128 50.3 40.4 60.6
54 47.1 37.5 56.3

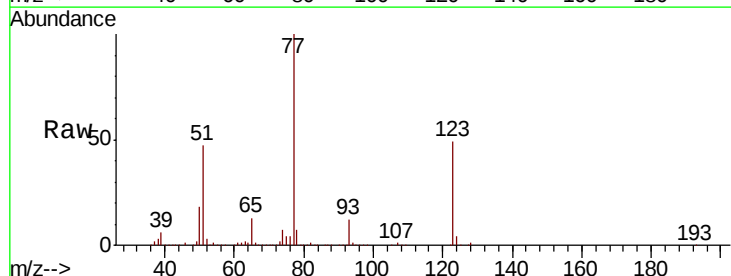


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

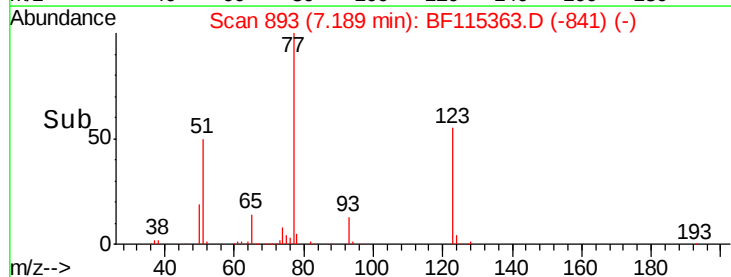
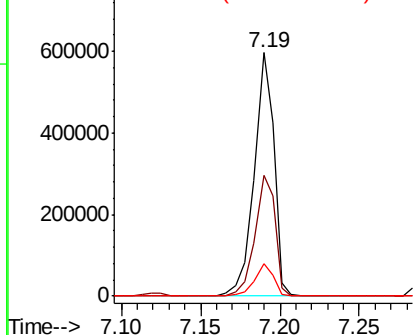


#24
Nitrobenzene
Concen: 33.658 ng
RT: 7.19 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion: 77 Resp: 511626
Ion Ratio Lower Upper
77 100
123 49.5 41.0 61.6
65 13.1 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: 32.458 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

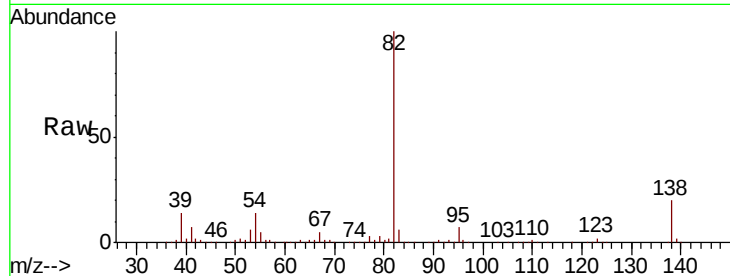
Tgt Ion: 82 Resp: 917418

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

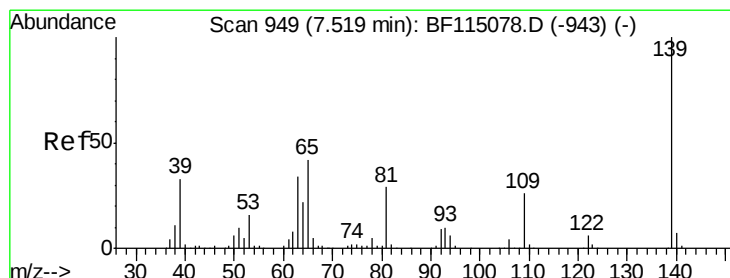
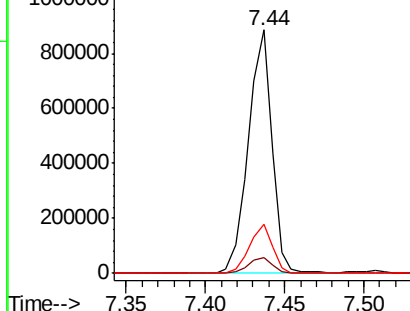
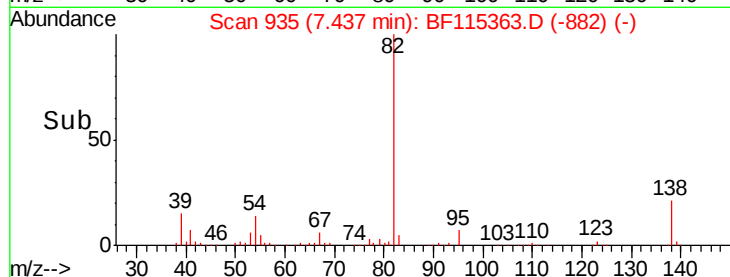
138 20.3 15.9 23.9



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: 38.065 ng

RT: 7.51 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

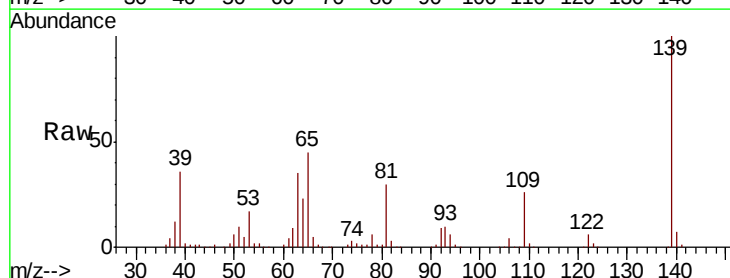
Tgt Ion: 139 Resp: 285745

Ion Ratio Lower Upper

139 100

109 25.7 20.4 30.6

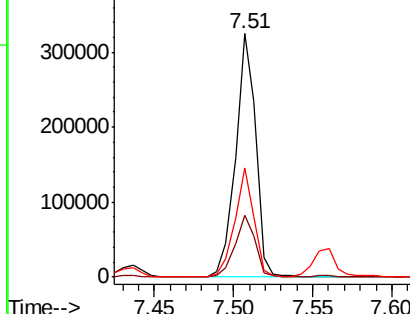
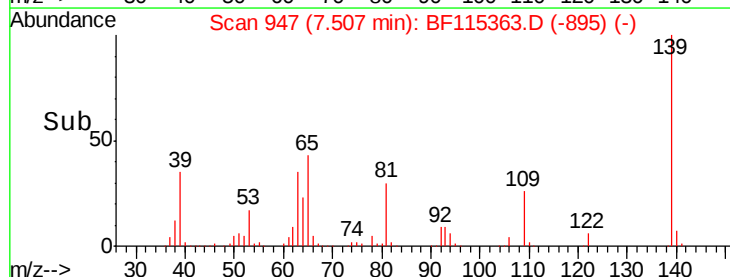
65 44.7 33.6 50.4

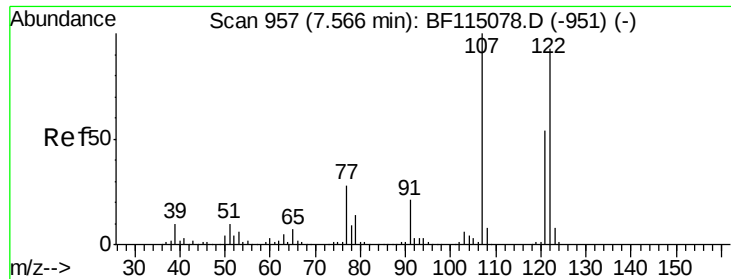


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

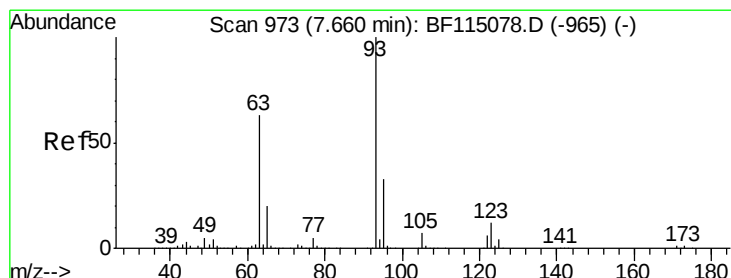
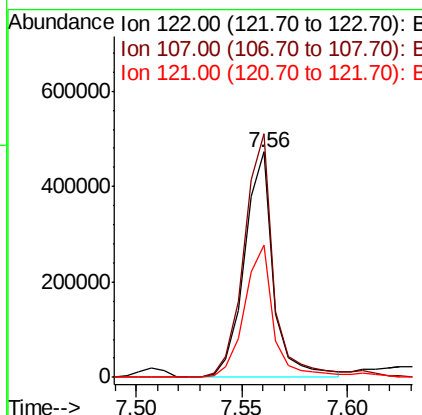
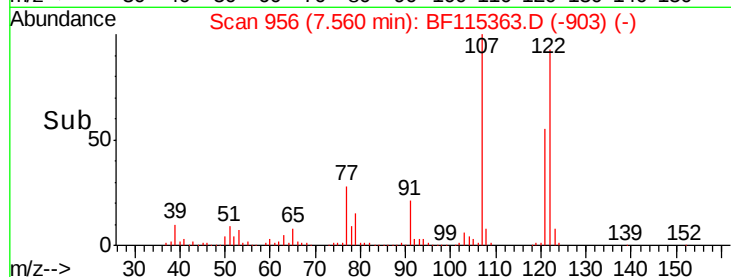
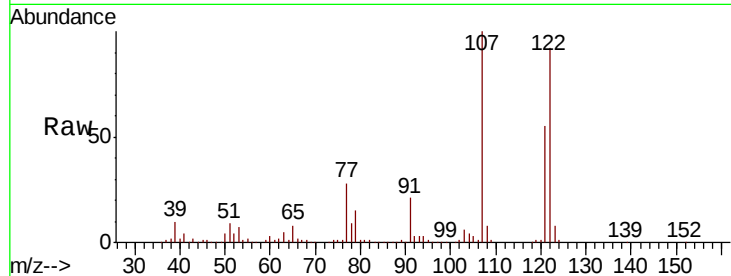




#27
 2,4-Dimethylphenol
 Concen: 36.535 ng
 RT: 7.56 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

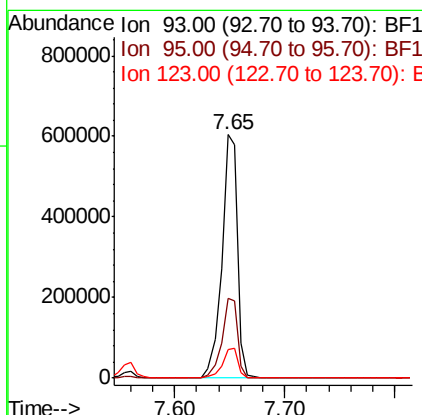
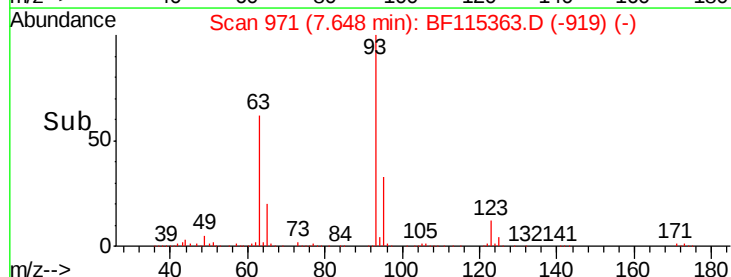
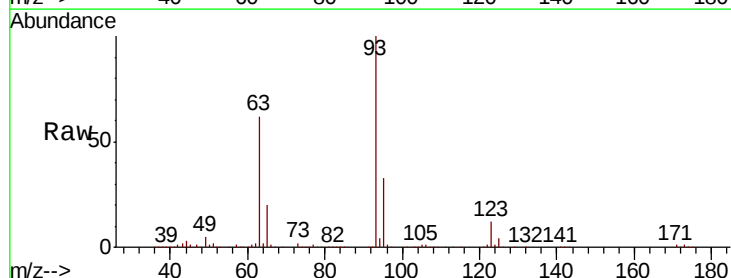
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

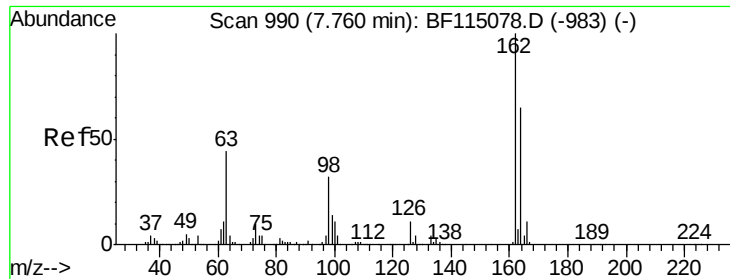
Tgt Ion:122 Resp: 449038
 Ion Ratio Lower Upper
 122 100
 107 108.1 85.8 128.6
 121 59.0 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.235 ng
 RT: 7.65 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion: 93 Resp: 593725
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.2 39.4
 123 11.8 9.7 14.5

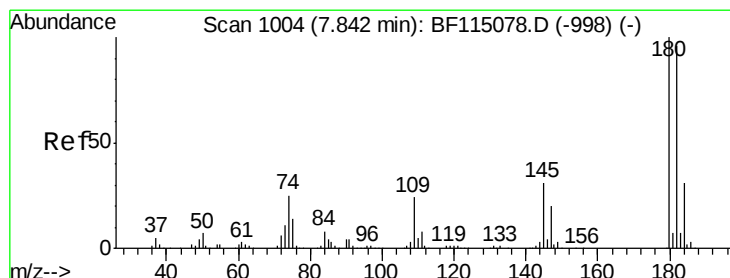
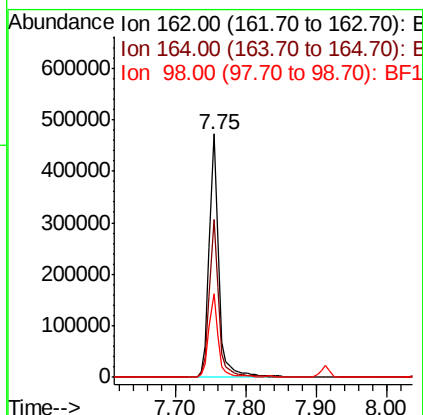
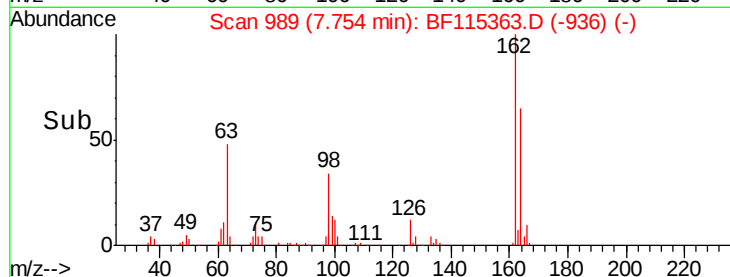
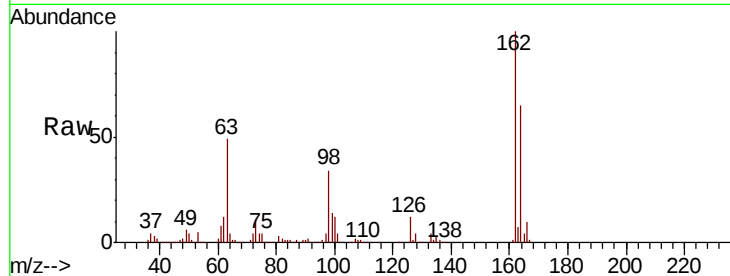




#29
2,4-Dichlorophenol
Concen: 35.128 ng
RT: 7.75 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

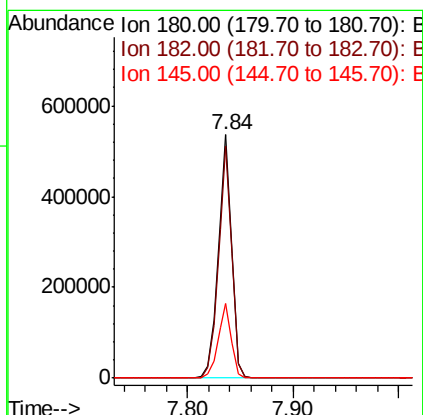
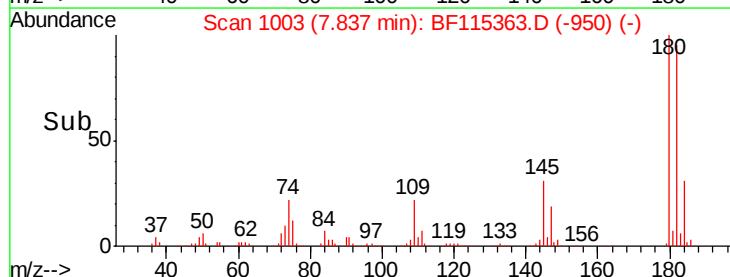
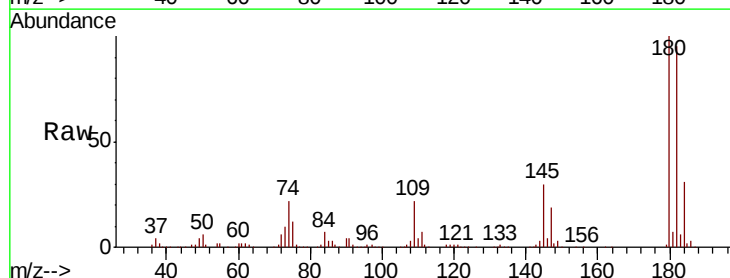
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

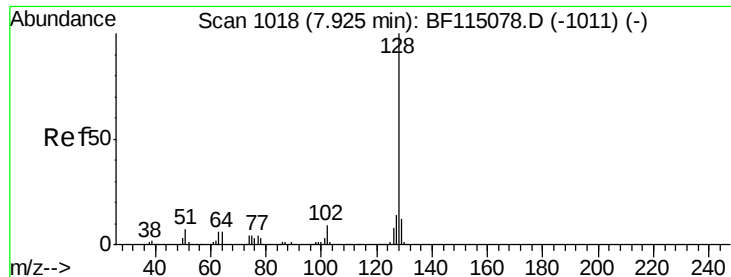
Tgt Ion:162 Resp: 445556
Ion Ratio Lower Upper
162 100
164 64.8 45.3 85.3
98 34.3 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 34.379 ng
RT: 7.84 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:180 Resp: 481667
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 30.5 24.8 37.2

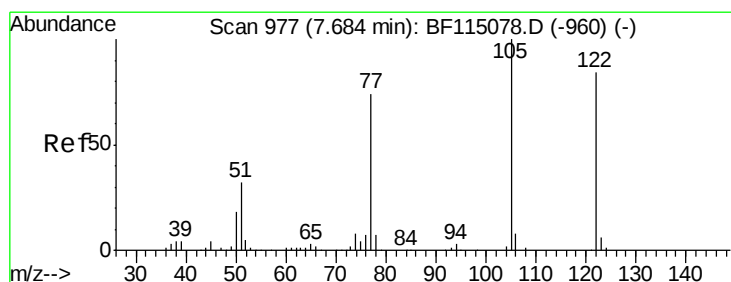
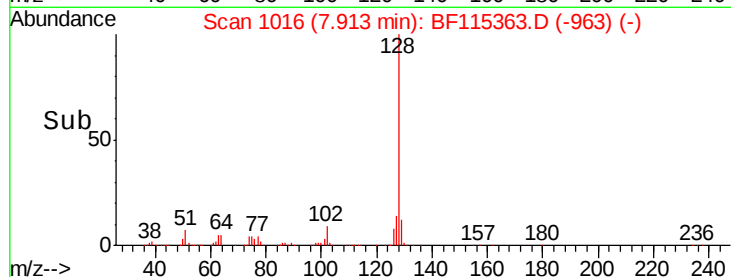
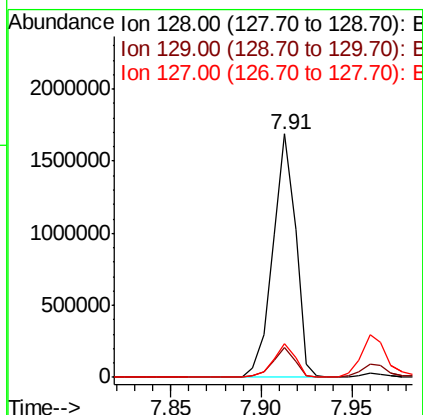
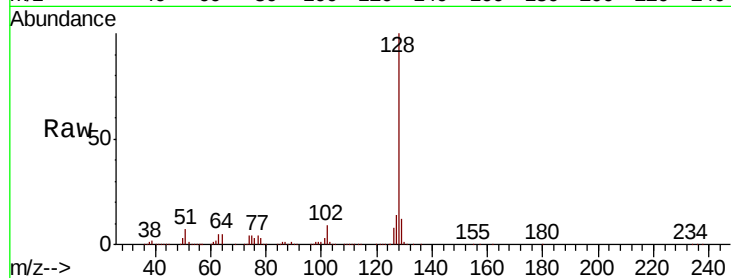




#31
Naphthalene
Concen: 35.396 ng
RT: 7.91 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

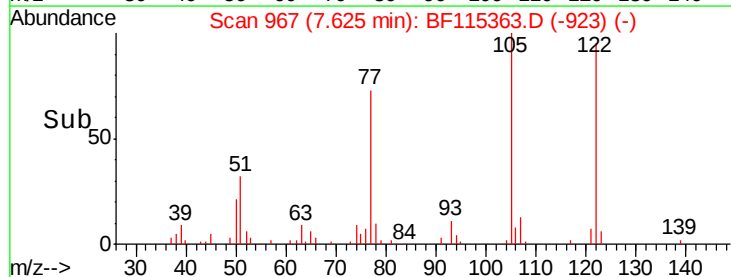
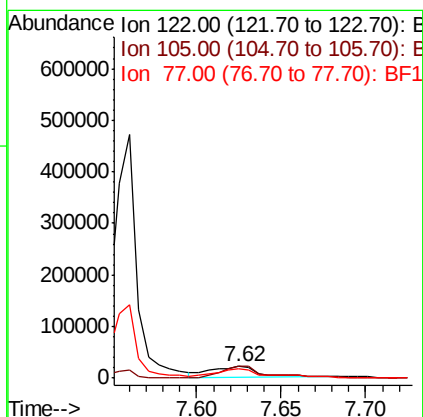
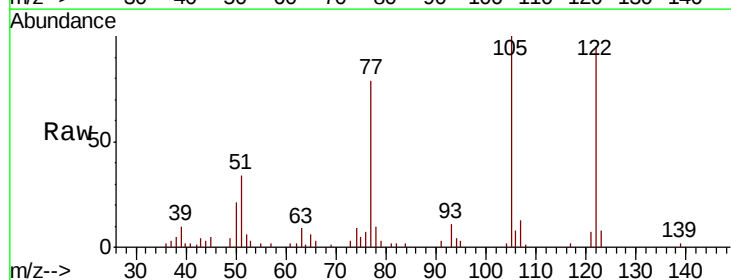
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

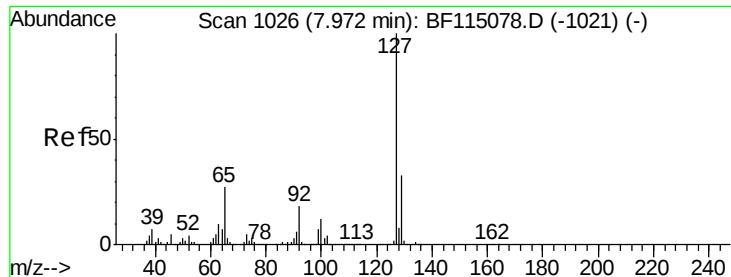
Tgt Ion:128 Resp: 1474744
Ion Ratio Lower Upper
128 100
129 12.1 9.6 14.4
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 4.964 ng
RT: 7.62 min Scan# 967
Delta R.T. -0.04 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:122 Resp: 43549
Ion Ratio Lower Upper
122 100
105 105.5 98.2 138.2
77 83.5 67.0 107.0

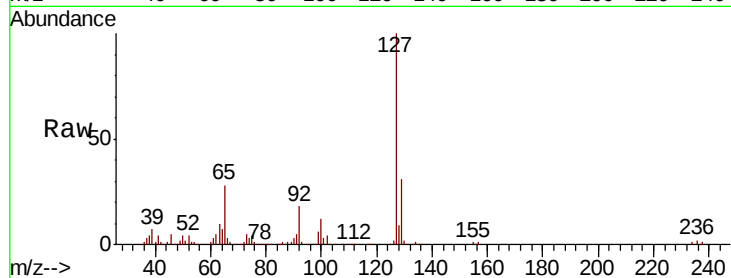




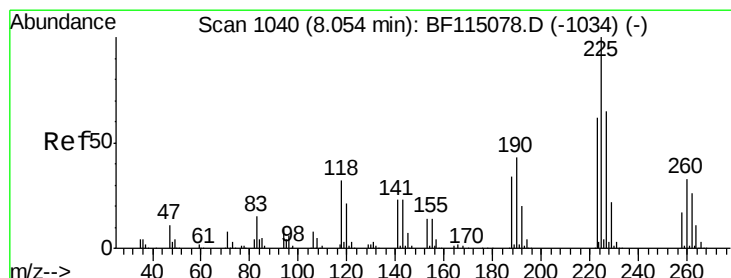
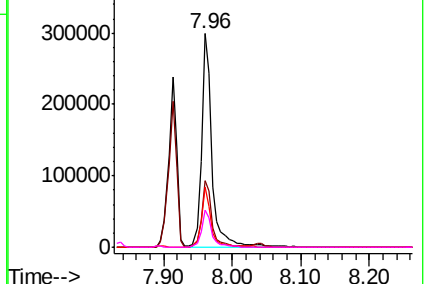
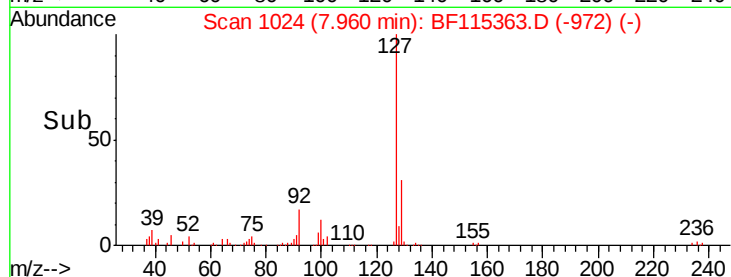
#33
4-Chloroaniline
Concen: 17.022 ng
RT: 7.96 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion:	127	Resp:	324111
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.1	39.1
65	28.2	21.4	32.2
92	17.6	14.1	21.1

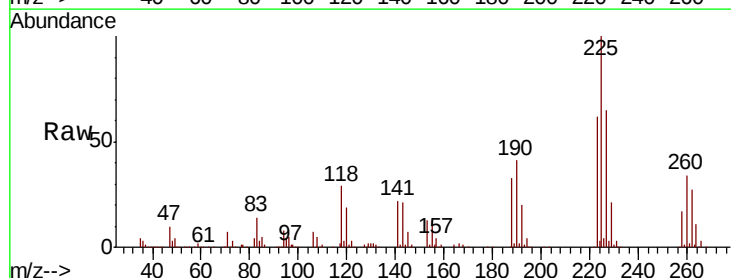


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

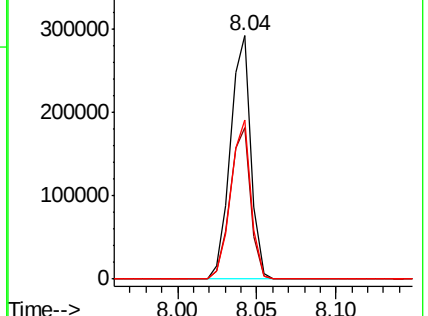
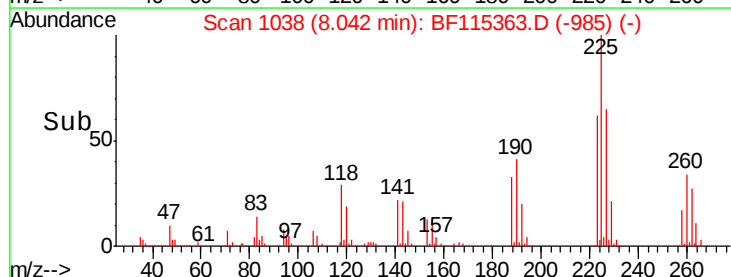


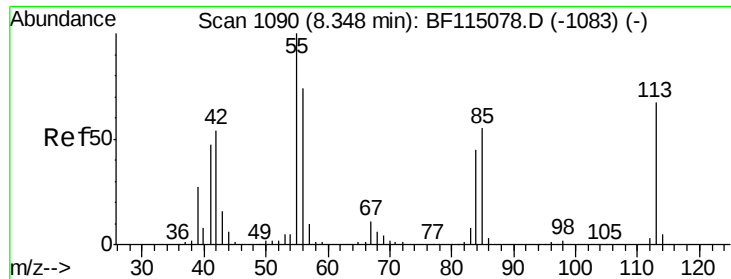
#34
Hexachlorobutadiene
Concen: 34.039 ng
RT: 8.04 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:	225	Resp:	261341
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.2
227	65.3	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

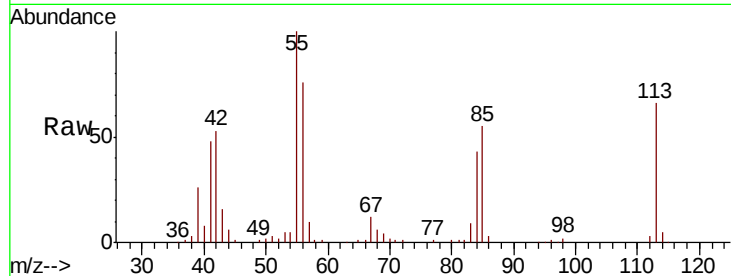




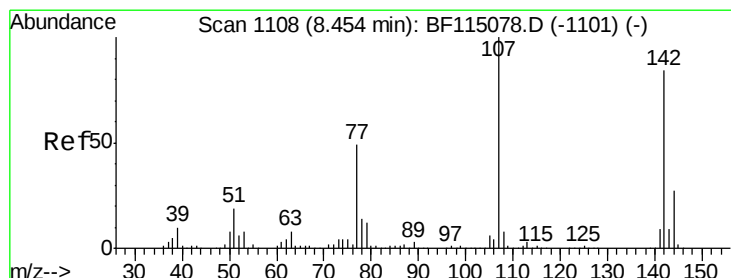
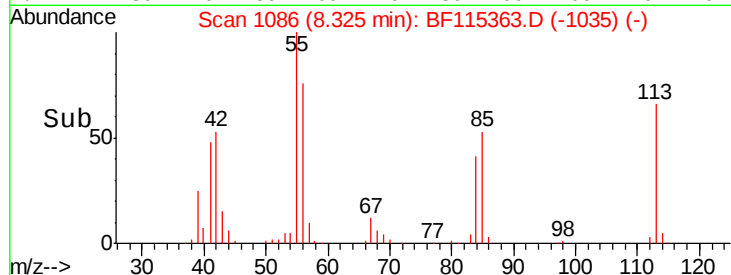
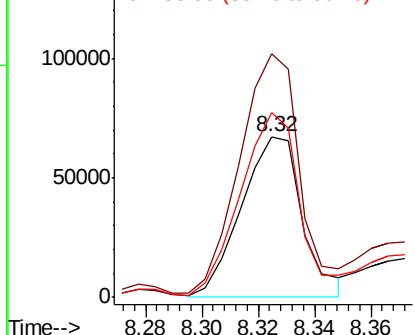
#35
 Caprolactam
 Concen: 23.566 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tgt Ion:113 Resp: 100495
 Ion Ratio Lower Upper
 113 100
 55 151.2 130.2 170.2
 56 114.8 91.6 131.6

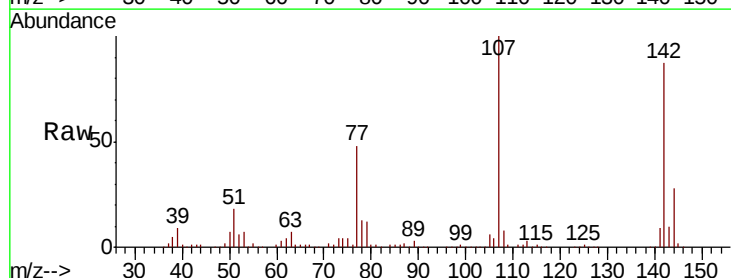


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

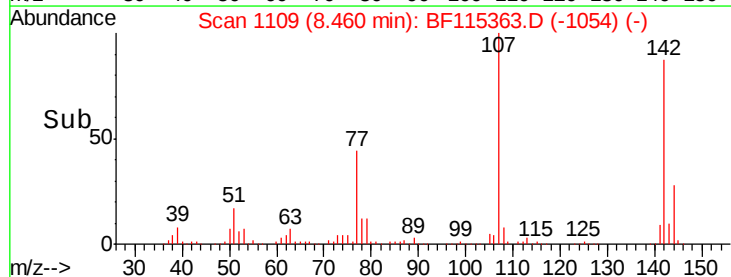
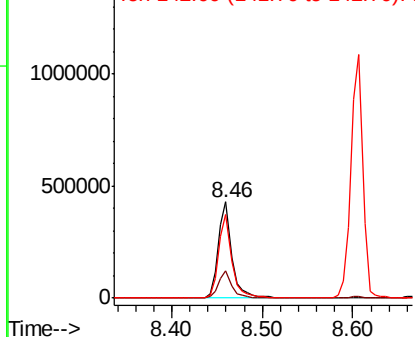


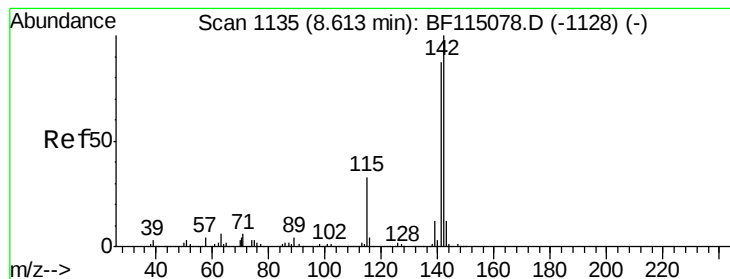
#36
 4-Chloro-3-methylphenol
 Concen: 34.456 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:107 Resp: 442596
 Ion Ratio Lower Upper
 107 100
 144 28.4 21.7 32.5
 142 86.6 67.0 100.4



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





#37

2-Methylnaphthalene

Concen: 34.899 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

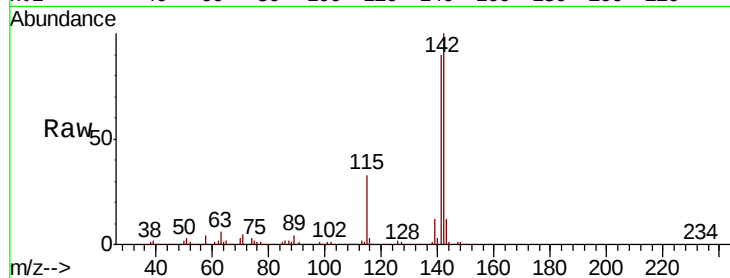
Tgt Ion:142 Resp: 980379

Ion Ratio Lower Upper

142 100

141 90.2 69.8 104.6

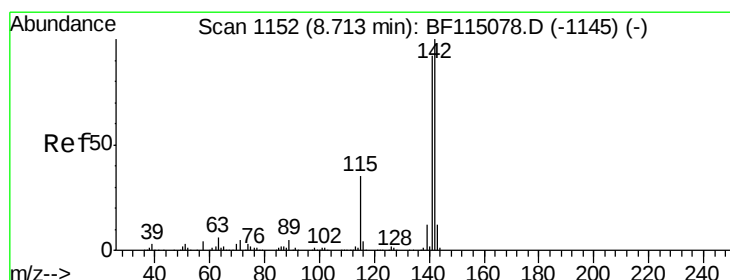
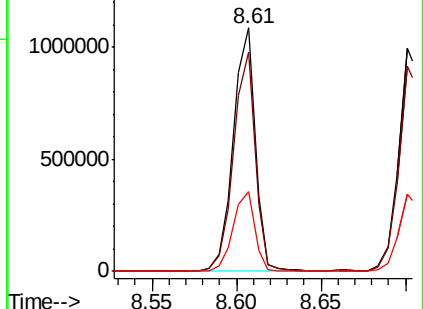
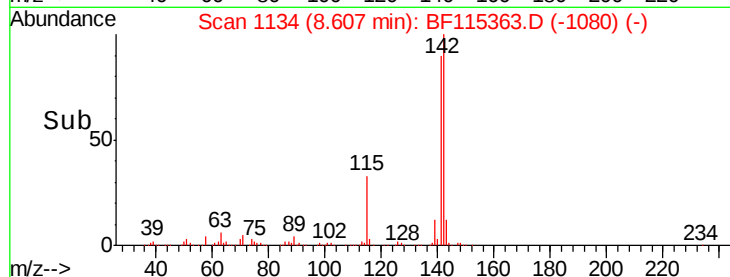
115 32.8 26.7 40.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 34.314 ng

RT: 8.70 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

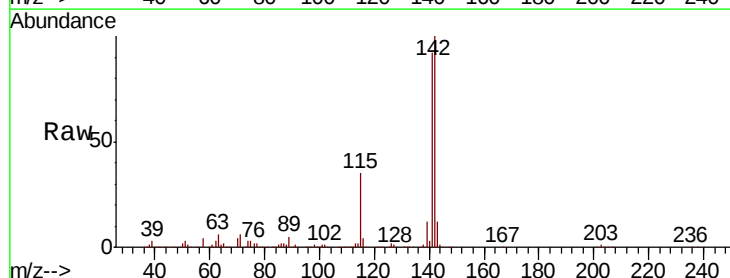
Tgt Ion:142 Resp: 920636

Ion Ratio Lower Upper

142 100

141 92.0 73.8 110.8

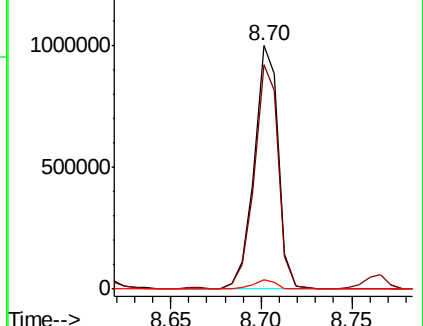
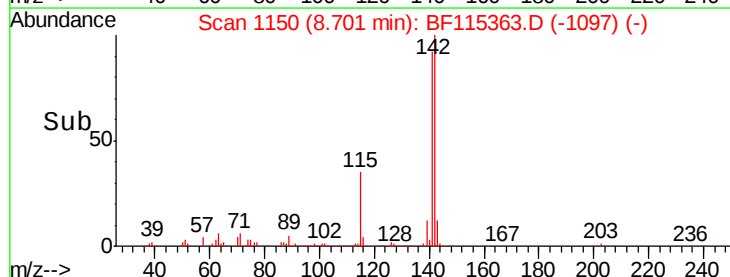
116 3.7 2.8 4.2

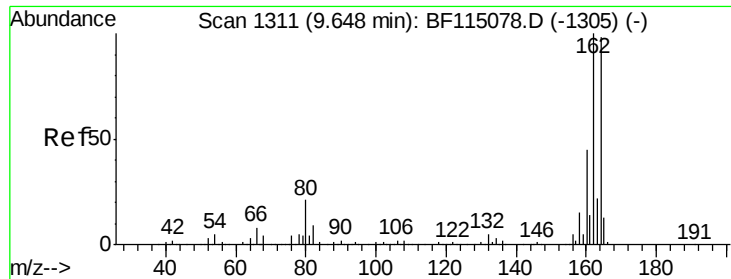


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

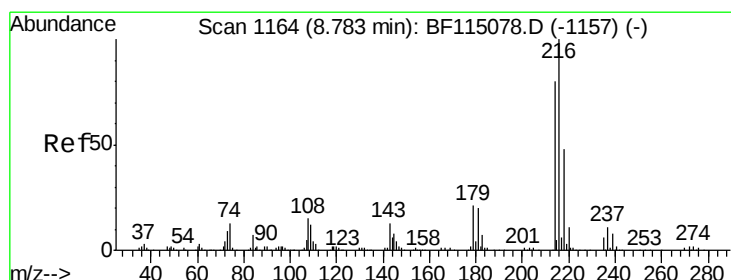
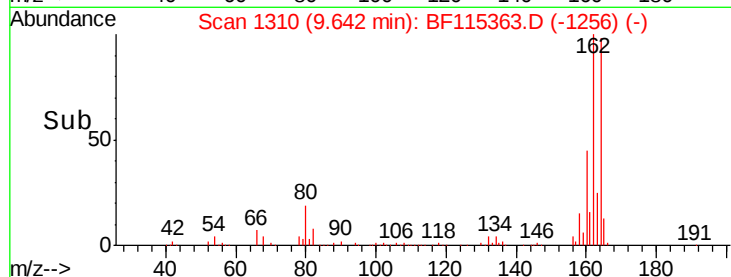
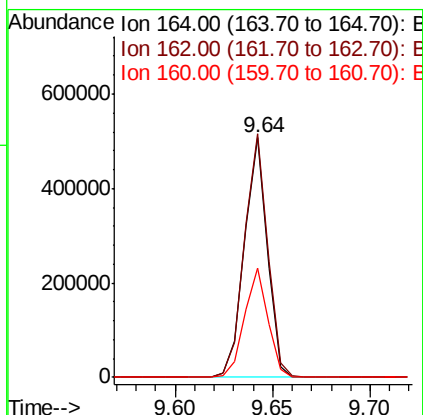
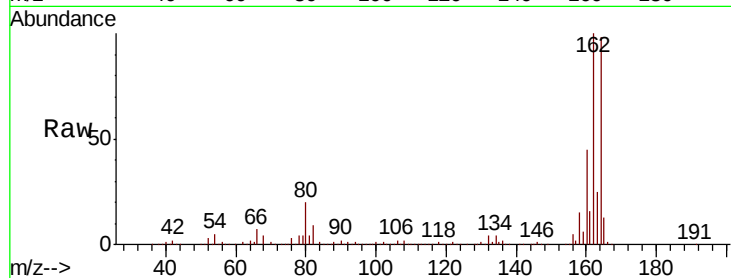




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

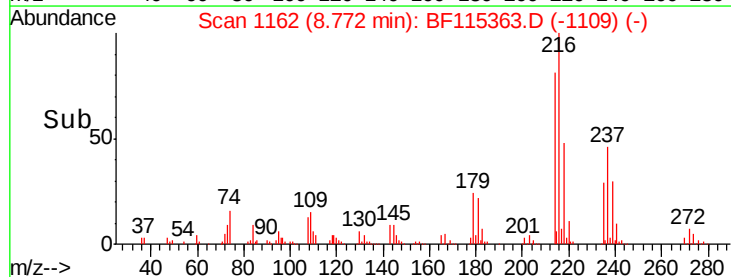
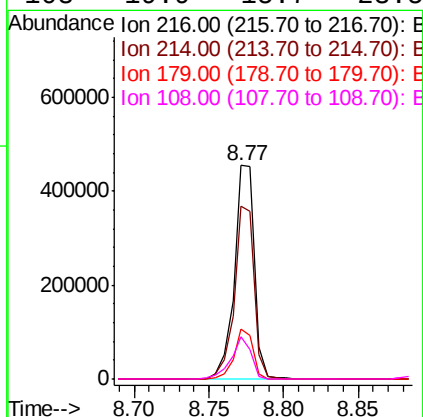
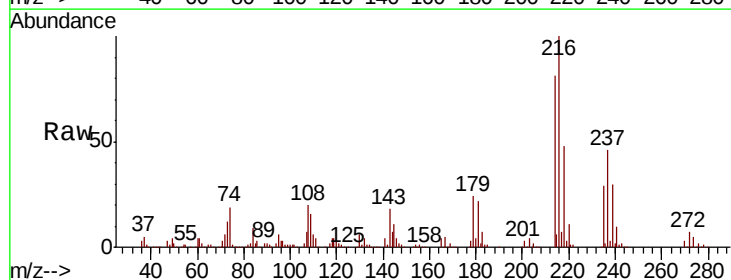
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

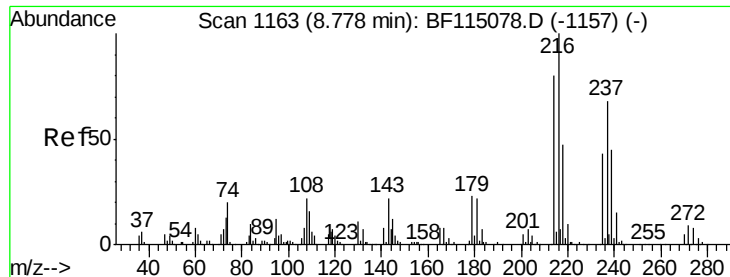
Tgt Ion:164 Resp: 412916
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.7 122.5
 160 45.6 37.0 55.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.846 ng
 RT: 8.77 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:216 Resp: 429931
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.8 95.6
 179 22.1 17.6 26.4
 108 19.9 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 62.568 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

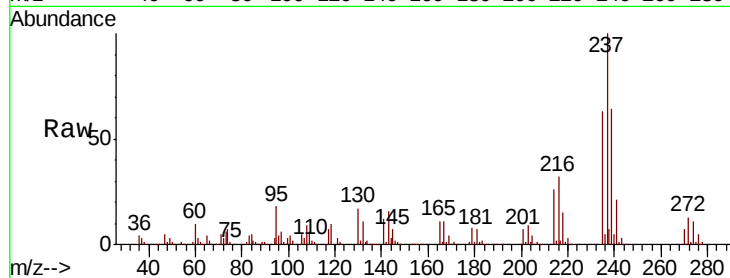
Tgt Ion: 237 Resp: 432901

Ion Ratio Lower Upper

237 100

235 63.4 43.9 83.9

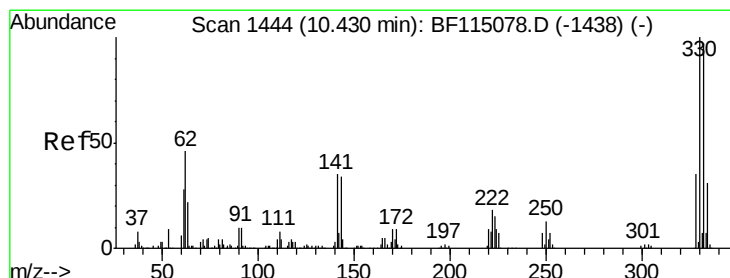
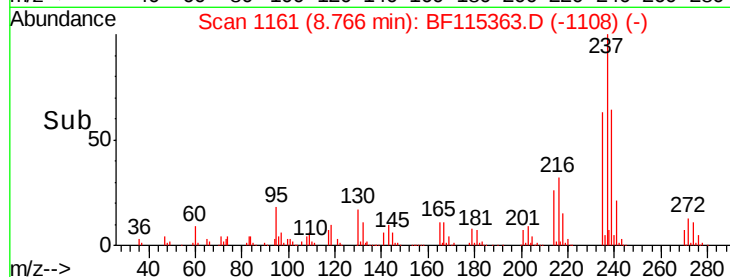
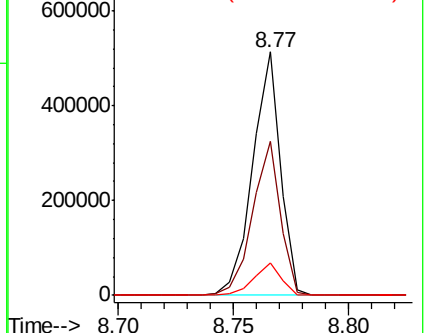
272 13.1 0.0 33.8



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: 99.037 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

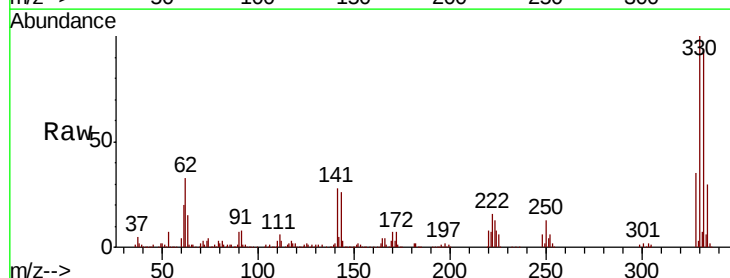
Tgt Ion: 330 Resp: 431240

Ion Ratio Lower Upper

330 100

332 94.7 77.3 115.9

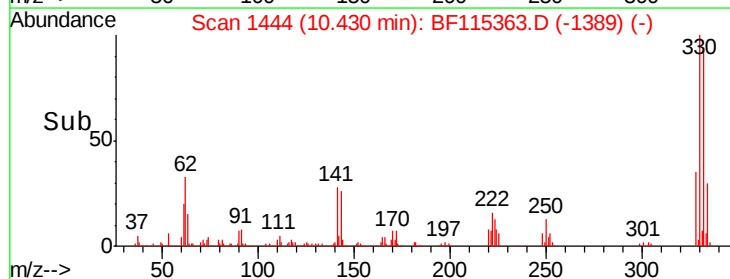
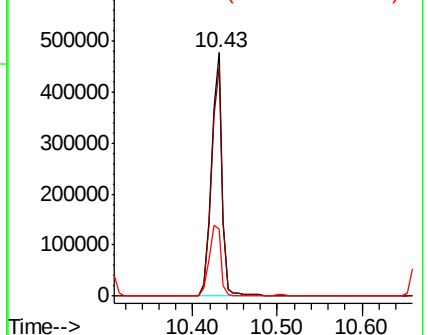
141 32.3 28.2 42.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

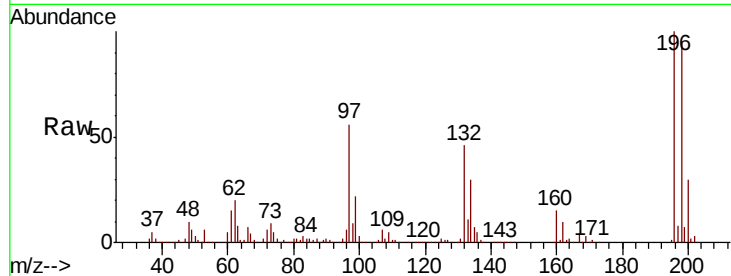




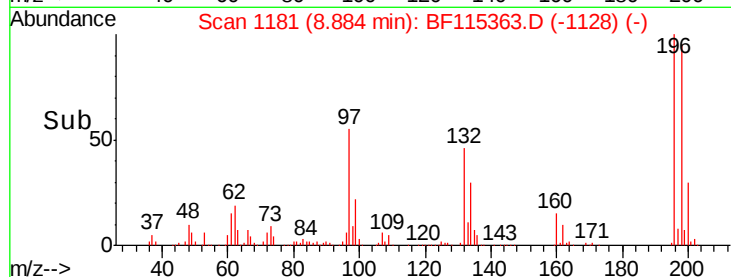
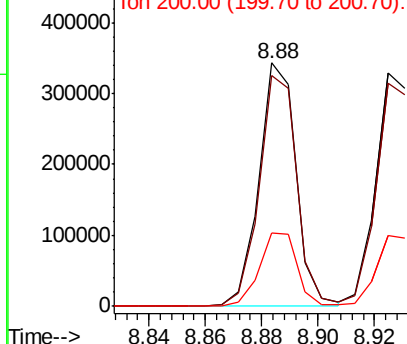
#43
 2,4,6-Trichlorophenol
 Concen: 34.704 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tgt Ion:196 Resp: 312623
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.3 114.5
 200 30.2 24.2 36.4



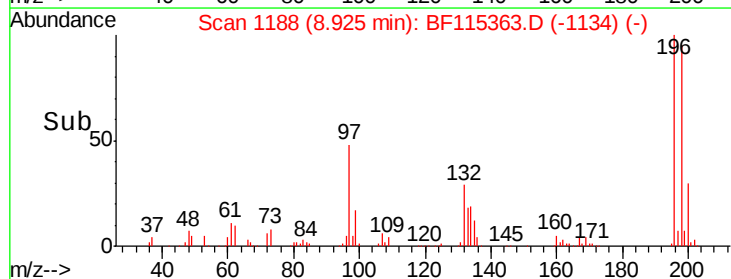
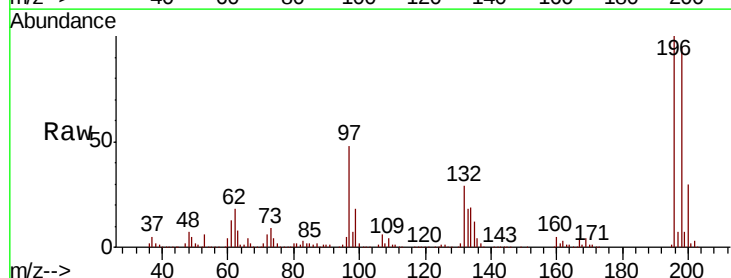
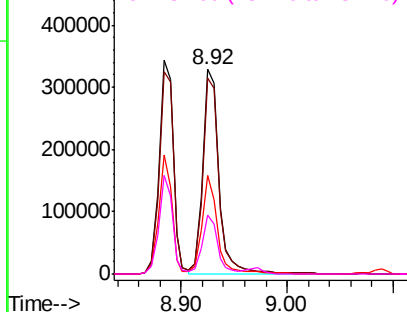
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

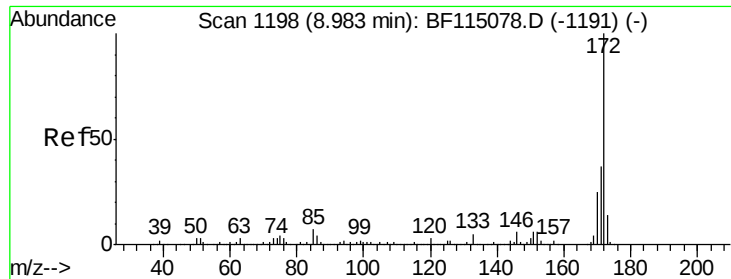


#44
 2,4,5-Trichlorophenol
 Concen: 37.472 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:196 Resp: 347620
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.1 115.7
 97 48.1 37.7 56.5
 132 28.8 23.1 34.7

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

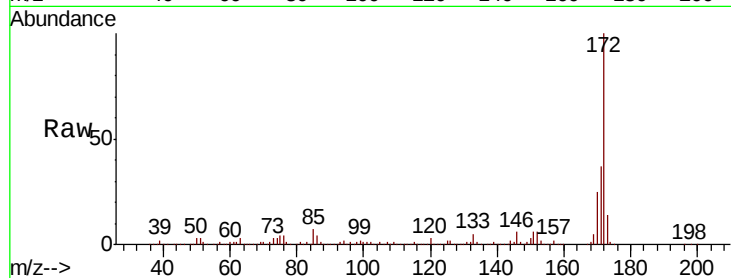




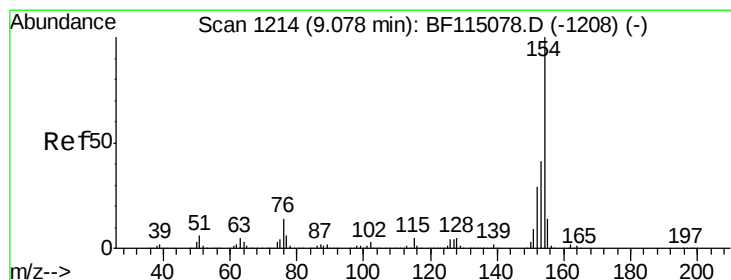
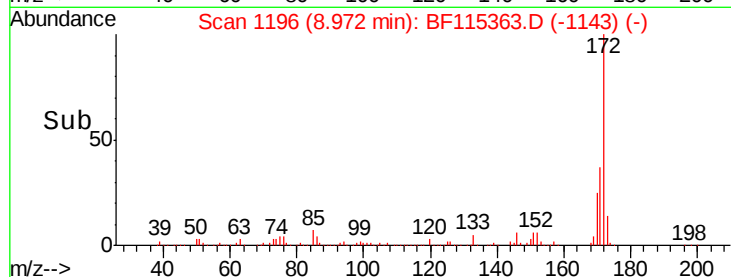
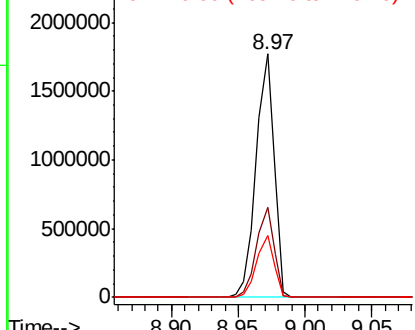
#45
 2-Fluorobiphenyl
 Concen: 67.131 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tgt Ion:172 Resp: 1631890
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.3 20.3 30.5

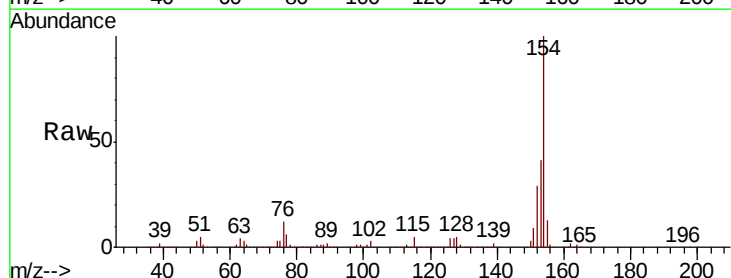


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

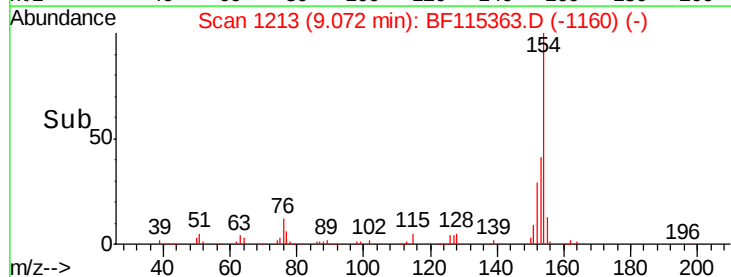
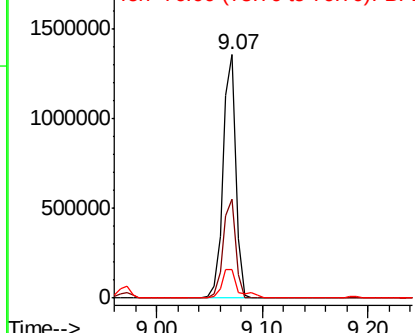


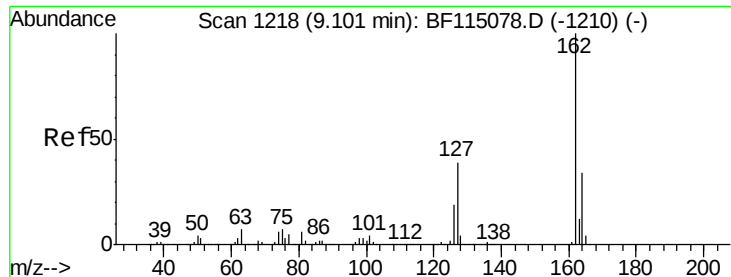
#46
 1,1'-Biphenyl
 Concen: 34.919 ng
 RT: 9.07 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:154 Resp: 1153683
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.9 60.9
 76 12.0 0.0 34.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

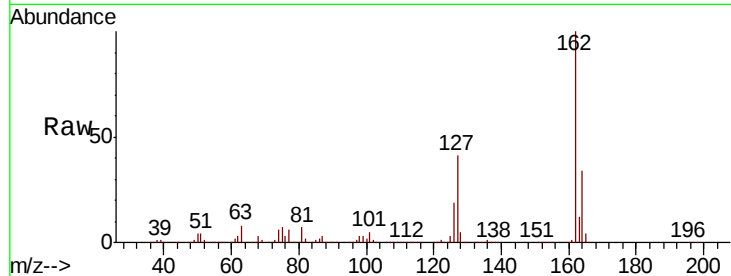




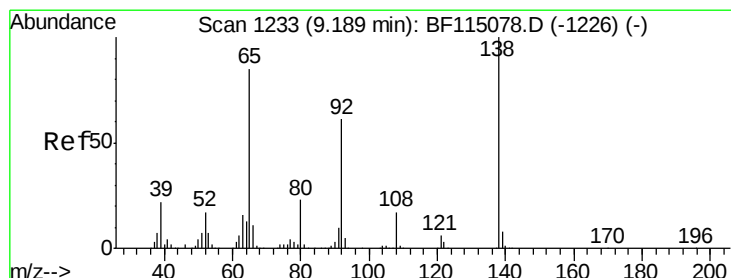
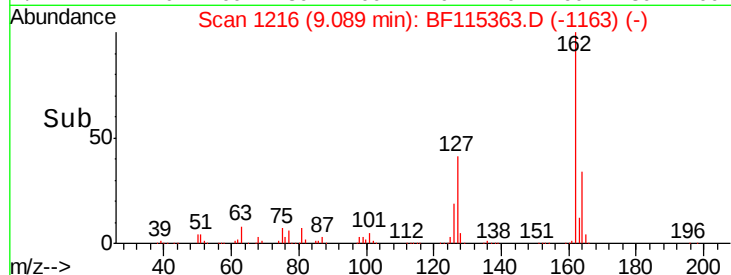
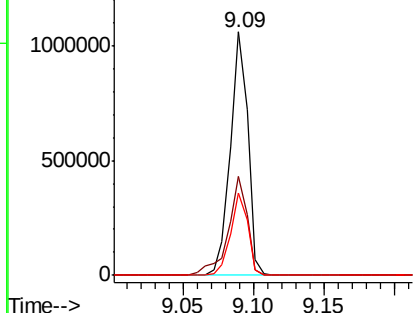
#47
 2-Chloronaphthalene
 Concen: 34.299 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.8	46.2
164	33.6	27.0	40.4

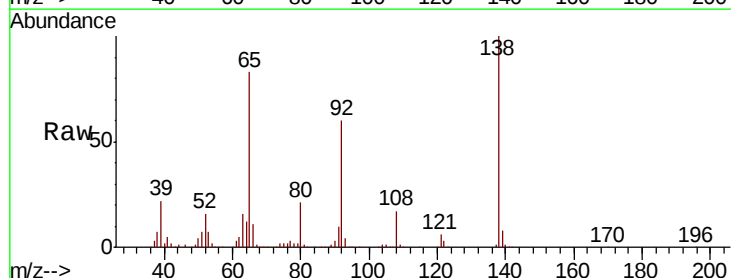


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

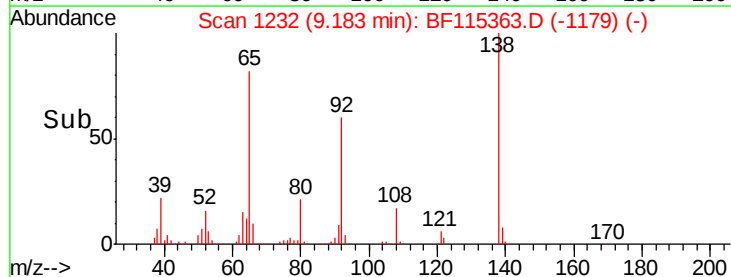
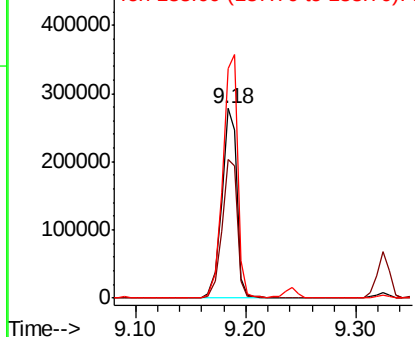


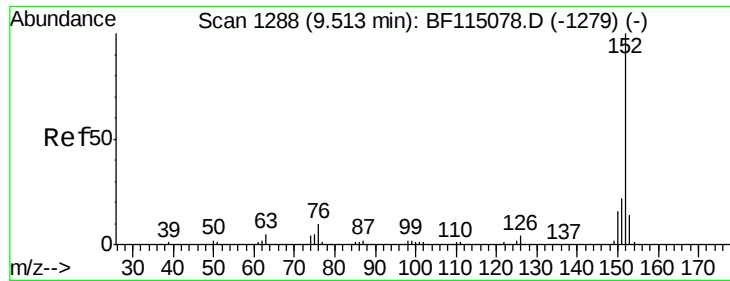
#48
 2-Nitroaniline
 Concen: 34.048 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	57.4	86.2
138	121.2	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: 34.490 ng

RT: 9.50 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

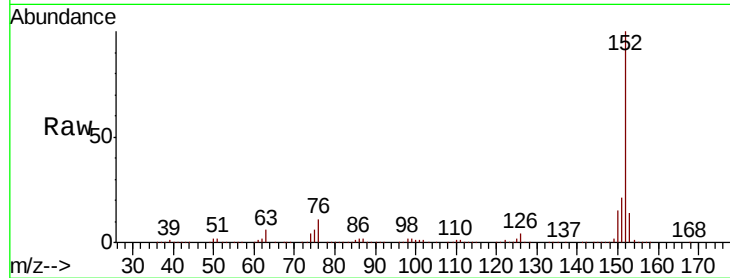
Tgt Ion:152 Resp: 1440141

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

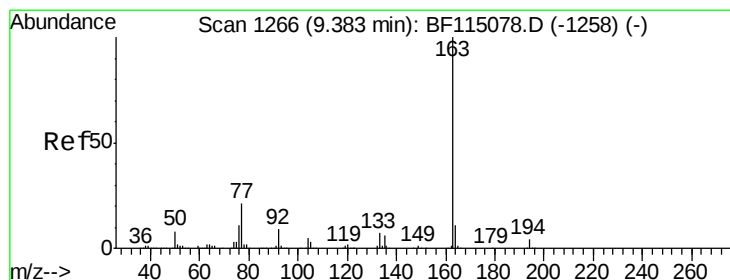
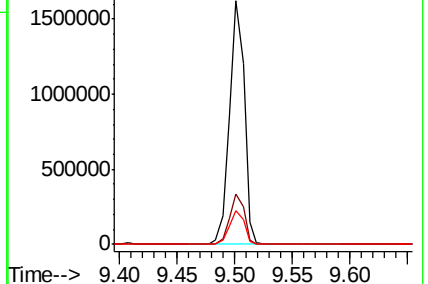
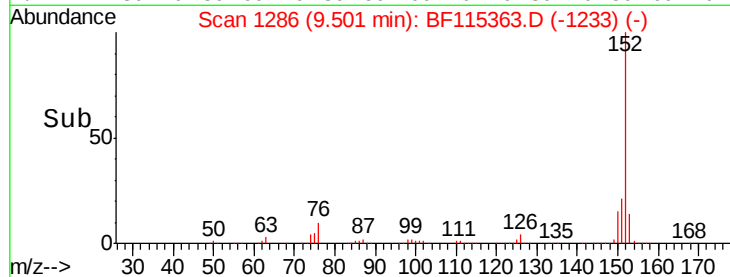
153 13.9 11.0 16.6



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: 51.206 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

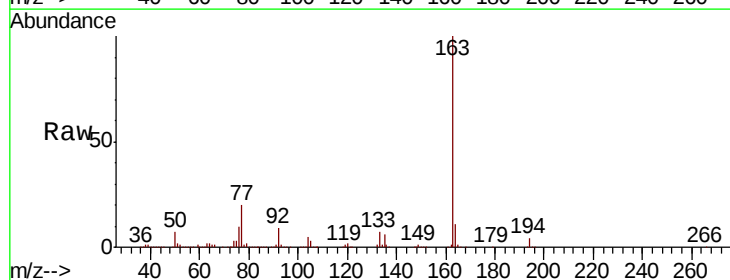
Tgt Ion:163 Resp: 1555601

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

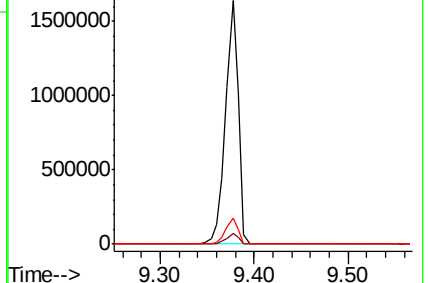
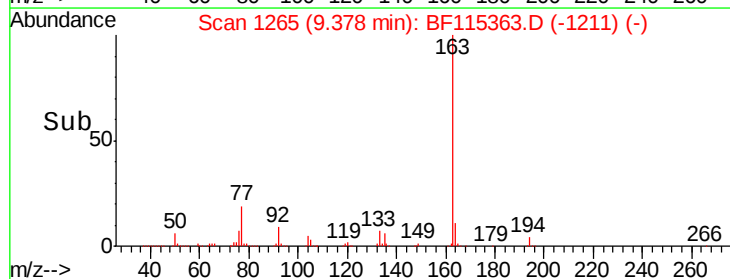
164 10.6 8.6 13.0

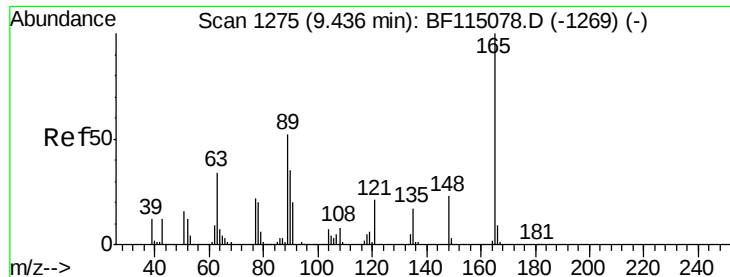


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

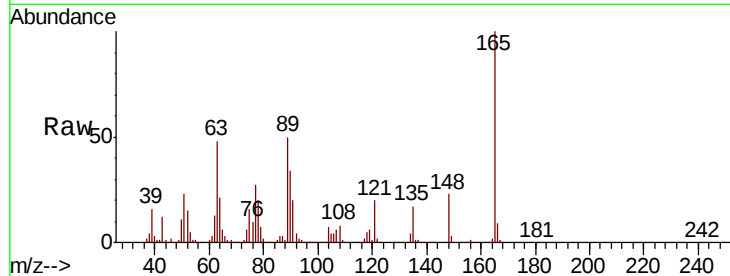




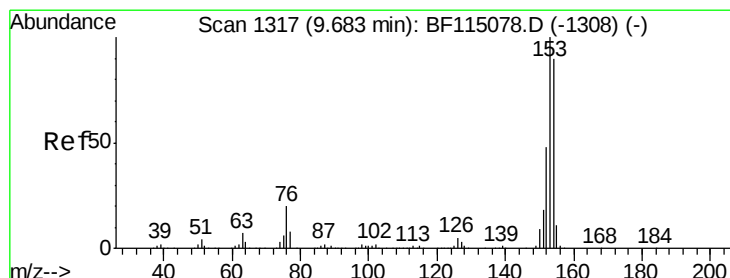
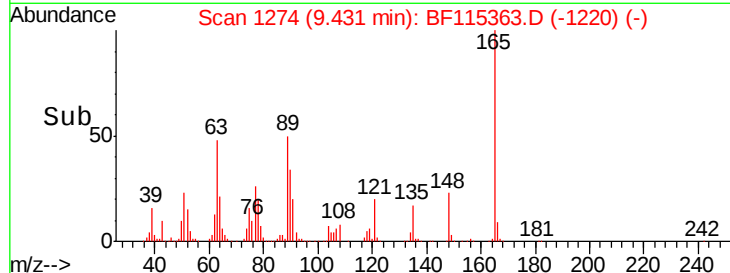
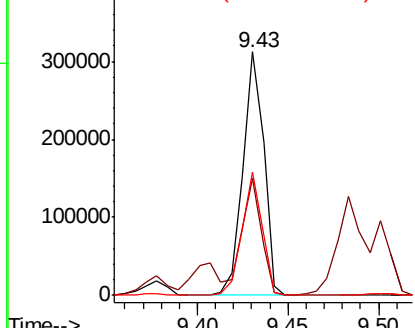
#51
2,6-Dinitrotoluene
Concen: 35.635 ng
RT: 9.43 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion:165 Resp: 249927
Ion Ratio Lower Upper
165 100
63 48.1 39.4 59.2
89 50.5 42.0 63.0

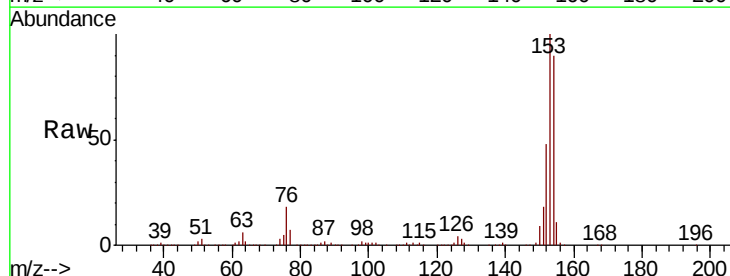


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

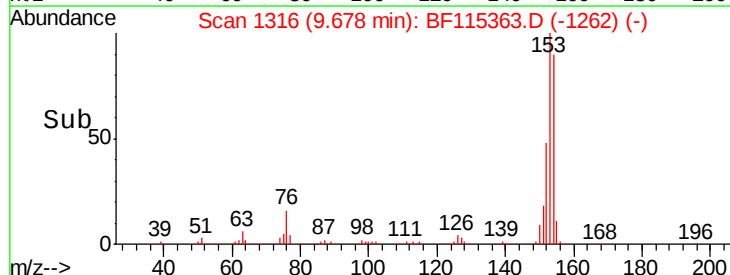
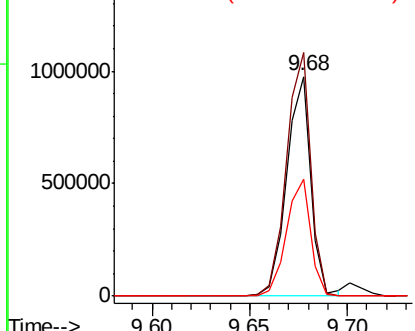


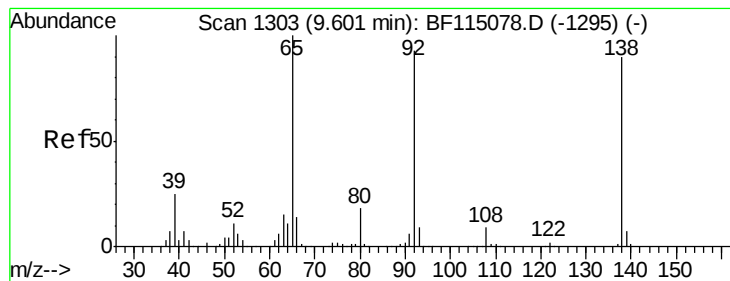
#52
Acenaphthene
Concen: 32.079 ng
RT: 9.68 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:154 Resp: 838162
Ion Ratio Lower Upper
154 100
153 111.0 88.7 133.1
152 53.5 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.512 ng

RT: 9.60 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

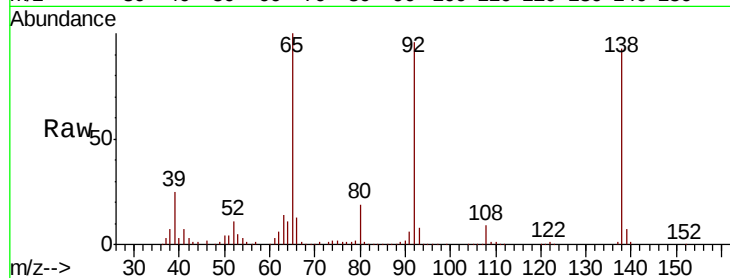
Tgt Ion:138 Resp: 235476

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

92 103.9 82.9 124.3



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

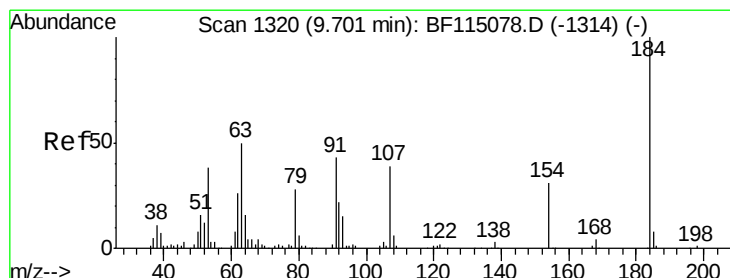
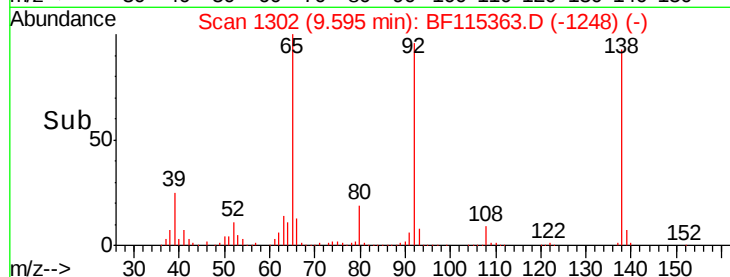
300000 9.60

200000

100000

0

Time-->



#54

2,4-Dinitrophenol

Concen: 29.459 ng

RT: 9.70 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

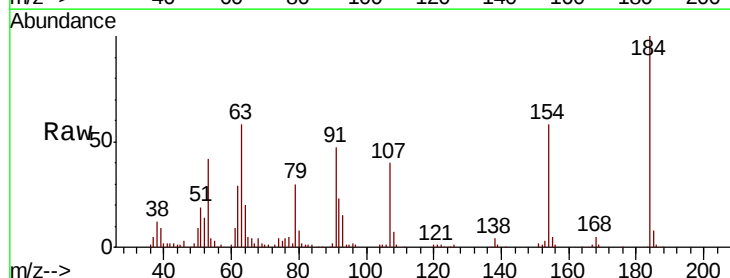
Tgt Ion:184 Resp: 87882

Ion Ratio Lower Upper

184 100

63 57.6 41.9 62.9

154 58.3 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

1200000 9.70

1000000

800000

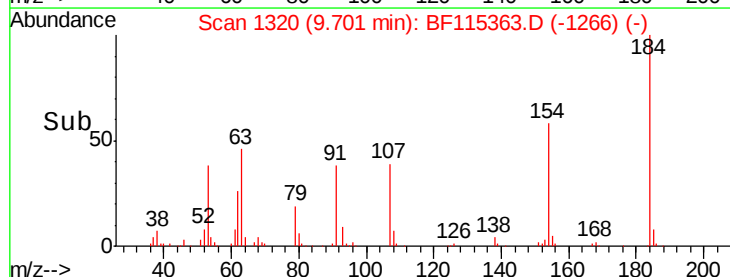
600000

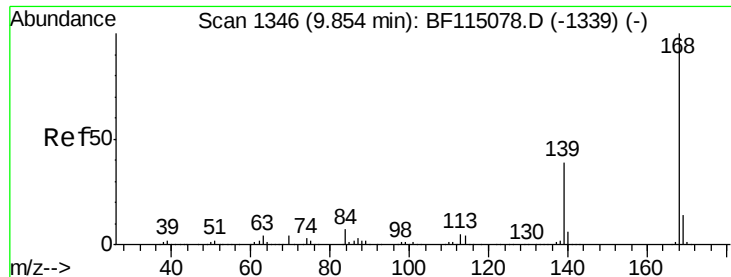
400000

200000

0

Time-->





#55

Dibenzofuran

Concen: 33.569 ng

RT: 9.85 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

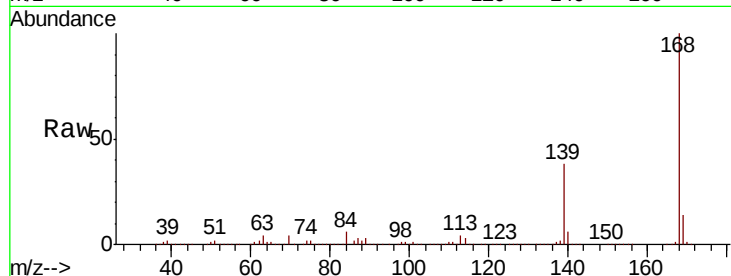
Tgt Ion:168 Resp: 1258888

Ion Ratio Lower Upper

168 100

139 38.2 31.1 46.7

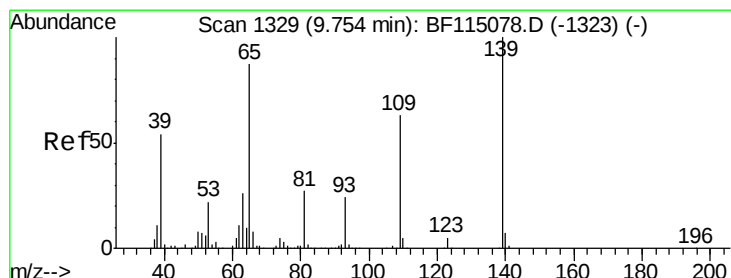
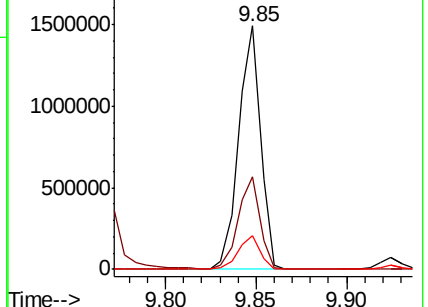
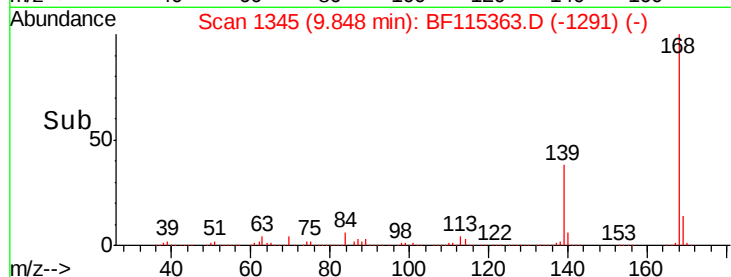
169 14.0 11.3 16.9



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: 61.649 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.04 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

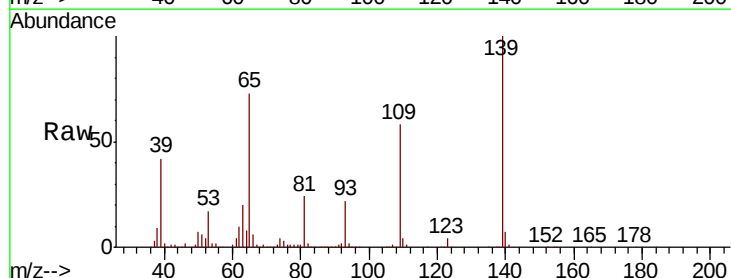
Tgt Ion:139 Resp: 423018

Ion Ratio Lower Upper

139 100

109 57.7 43.0 83.0

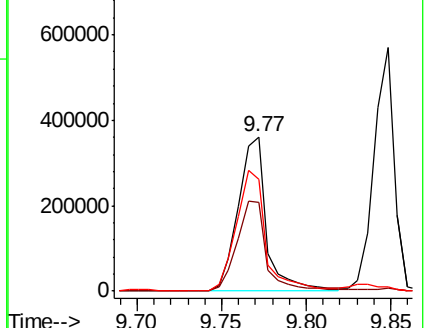
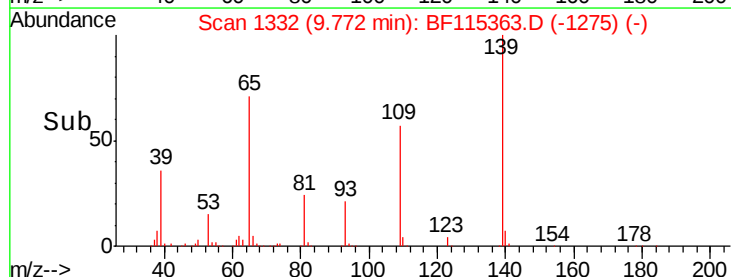
65 72.9 67.0 107.0

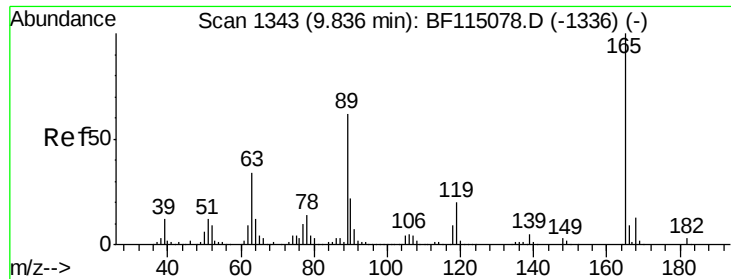


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

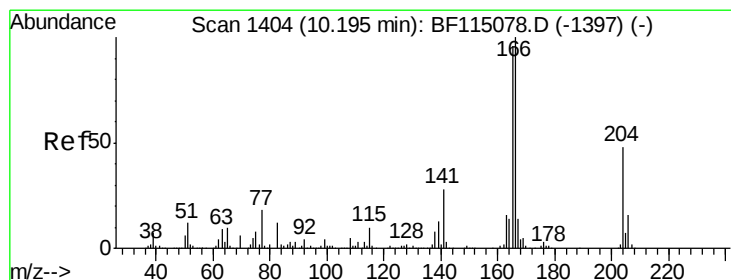
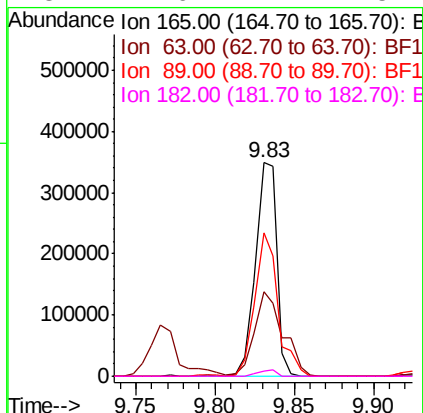
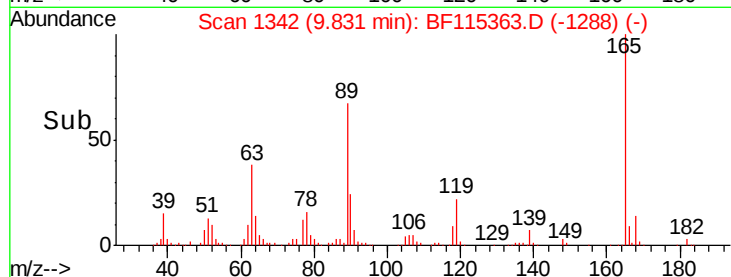
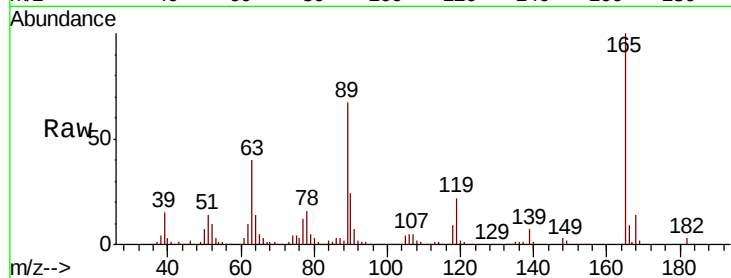




#57
 2,4-Dinitrotoluene
 Concen: 35.963 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

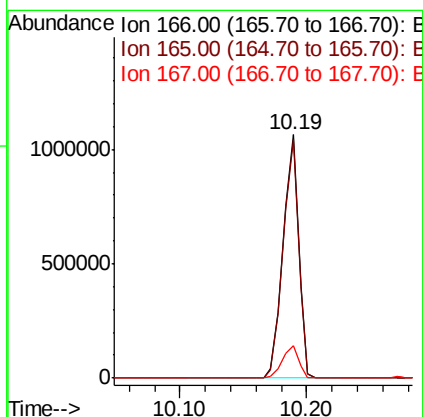
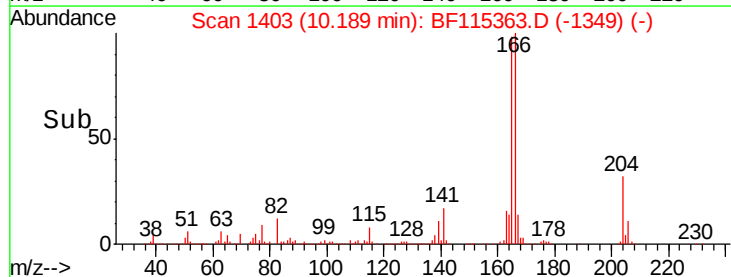
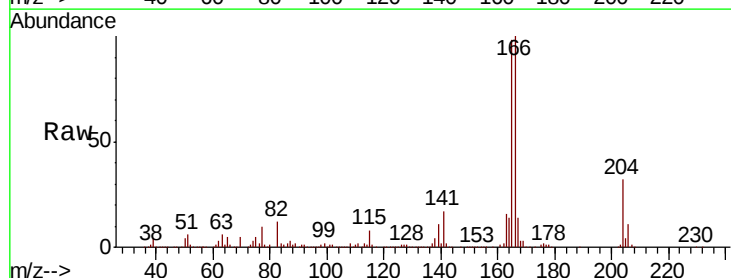
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

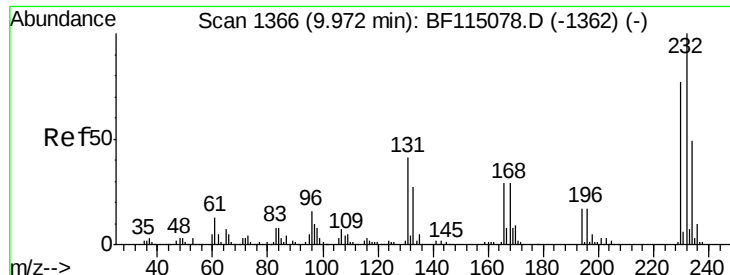
Tgt Ion:	165	Resp:	325685
Ion	Ratio	Lower	Upper
165	100		
63	39.7	27.5	41.3
89	67.1	49.9	74.9
182	2.6	2.1	3.1



#58
 Fluorene
 Concen: 34.910 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:	166	Resp:	908508
Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.5	114.7
167	13.5	11.0	16.4

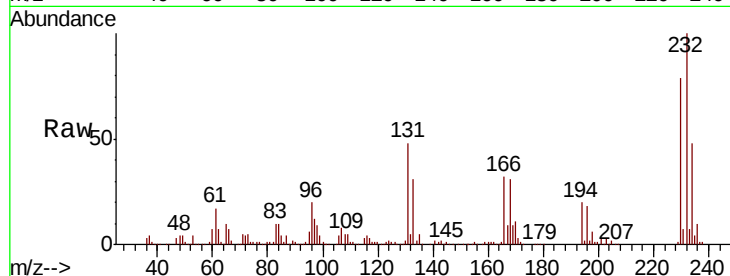




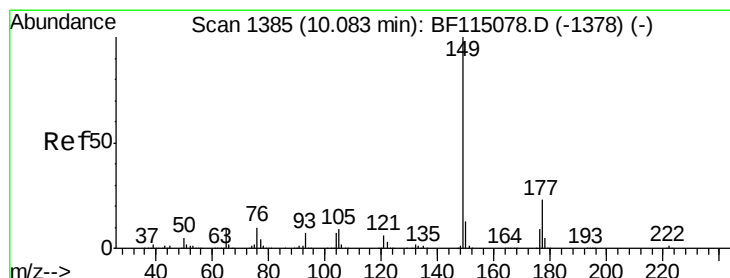
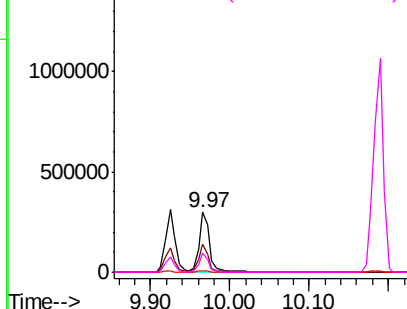
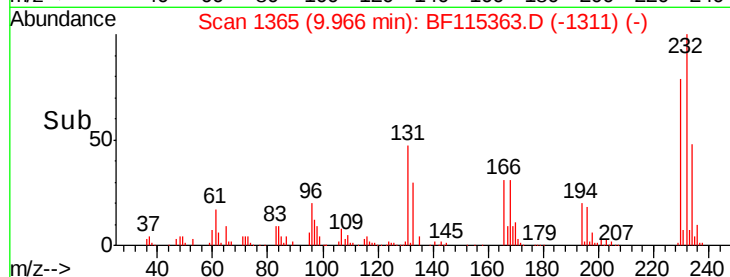
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.335 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion:232 Resp: 282641
Ion Ratio Lower Upper
232 100
131 44.4 37.4 56.0
130 2.2 1.8 2.6
166 29.2 24.6 36.8

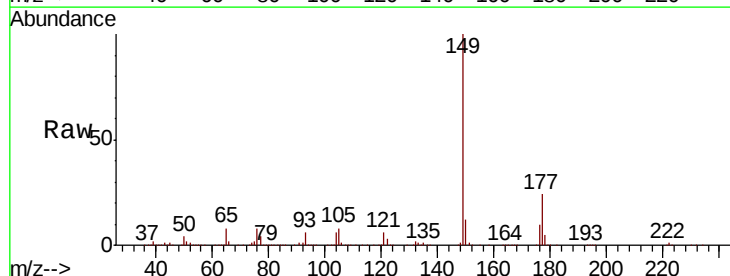


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

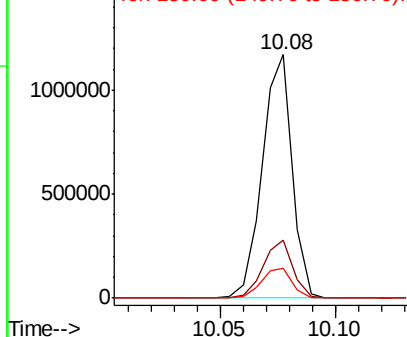
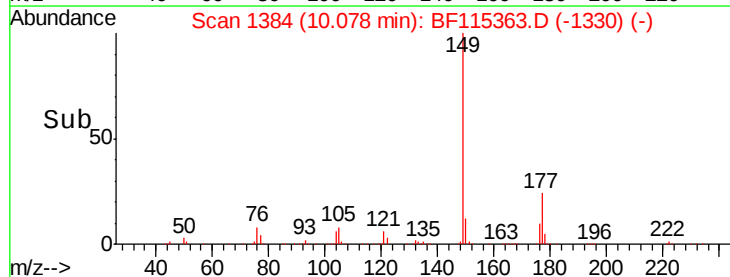


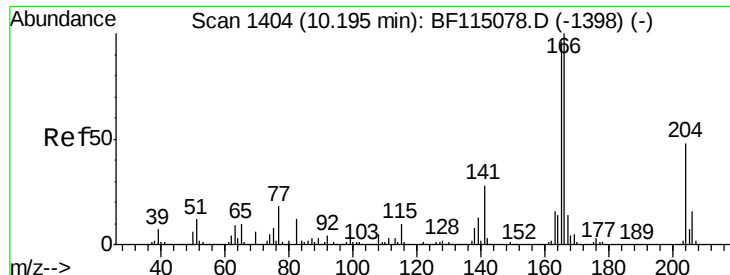
#60
Diethylphthalate
Concen: 34.477 ng
RT: 10.08 min Scan# 1384
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:149 Resp: 1052826
Ion Ratio Lower Upper
149 100
177 23.9 18.7 28.1
150 12.5 10.4 15.6



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

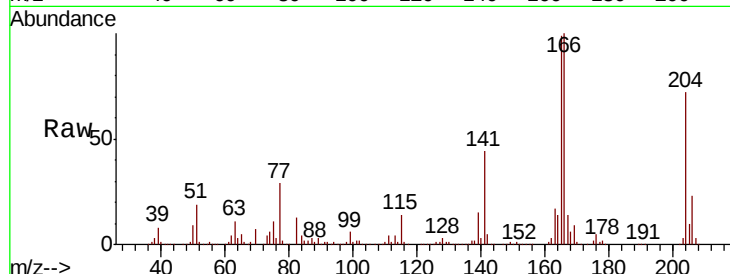




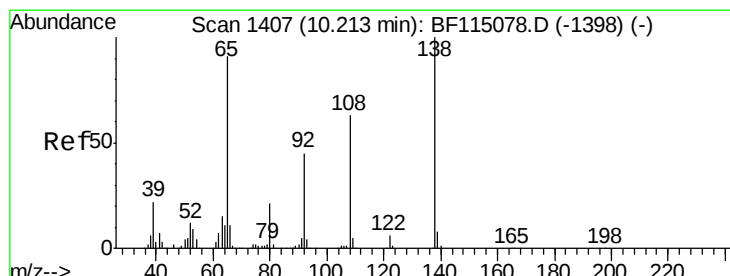
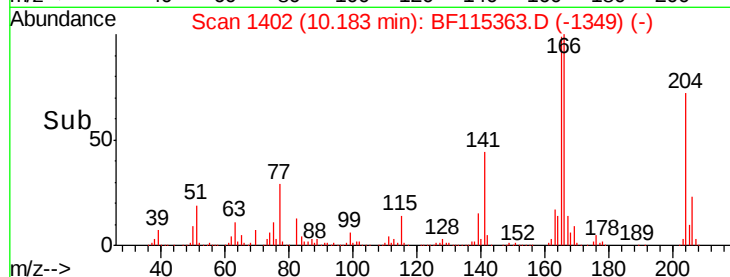
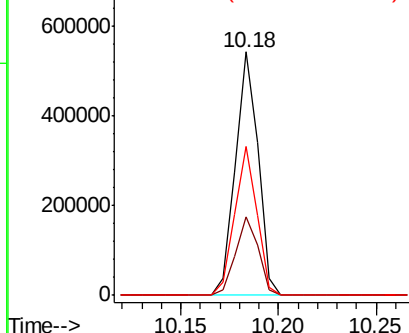
#61
 4-Chlorophenyl-phenylether
 Concen: 35.320 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tgt Ion: 204 Resp: 436446
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.6 40.0
 141 61.2 46.7 70.1

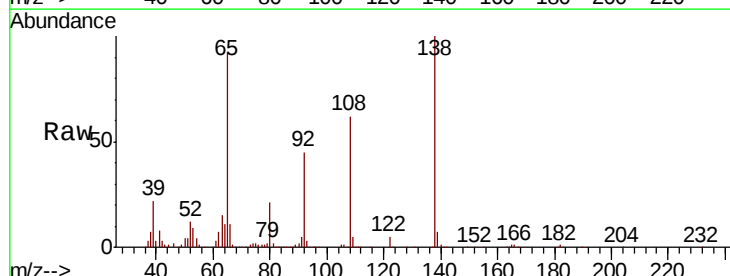


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

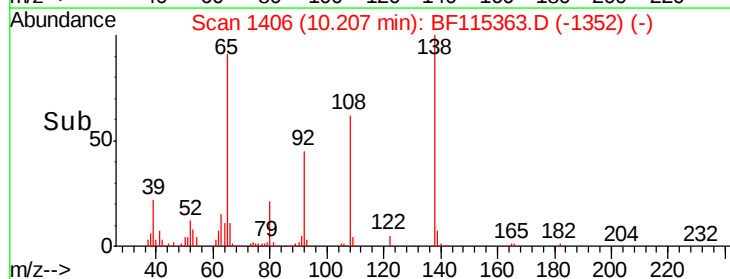
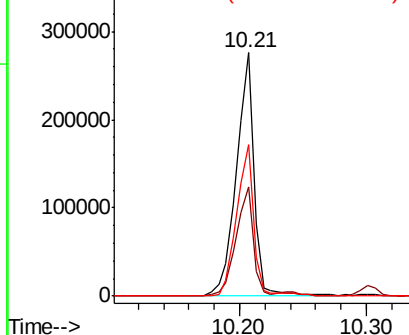


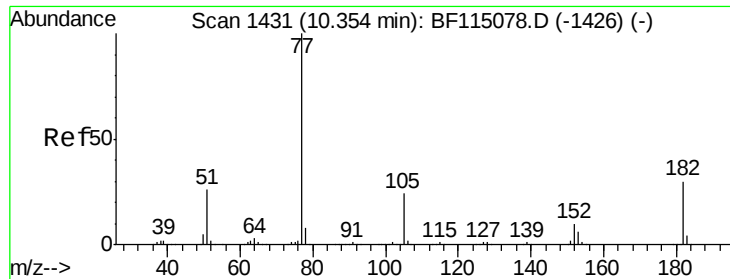
#62
 4-Nitroaniline
 Concen: 30.888 ng
 RT: 10.21 min Scan# 1406
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion: 138 Resp: 265211
 Ion Ratio Lower Upper
 138 100
 92 44.8 24.8 64.8
 108 62.3 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

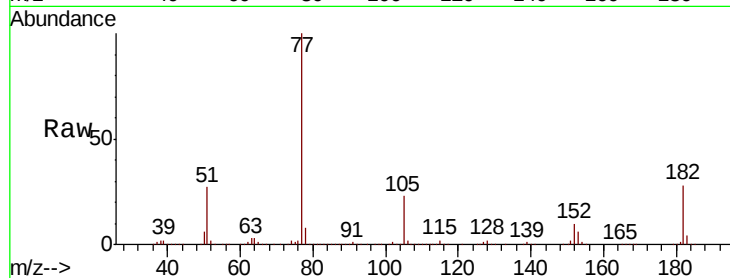




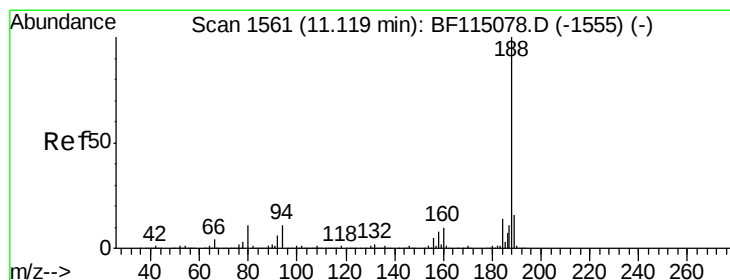
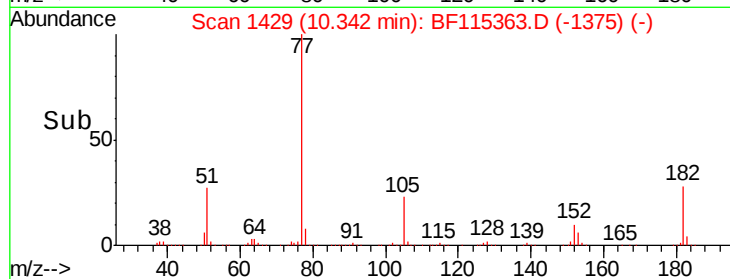
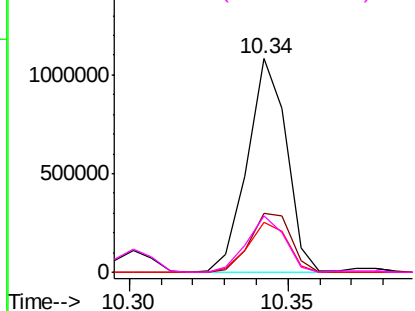
#63
Azobenzene
Concen: 32.375 ng
RT: 10.34 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion: 77 Resp: 923424
Ion Ratio Lower Upper
77 100
182 27.7 10.1 50.1
105 23.3 4.5 44.5
51 26.6 6.4 46.4

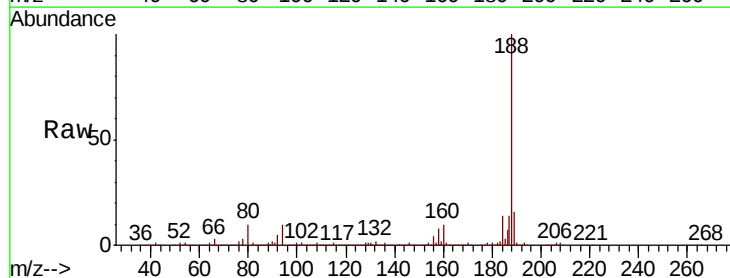


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

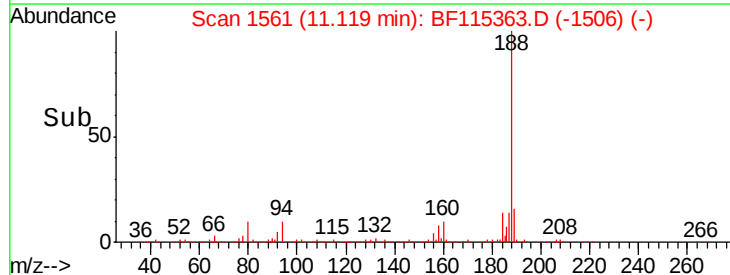
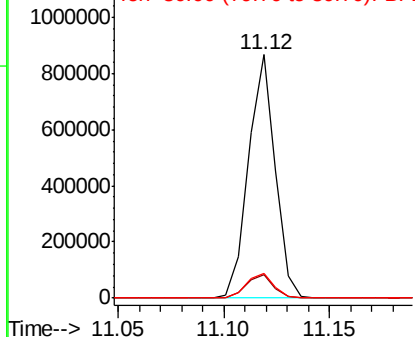


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion: 188 Resp: 762786
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 10.0 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 35.547 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

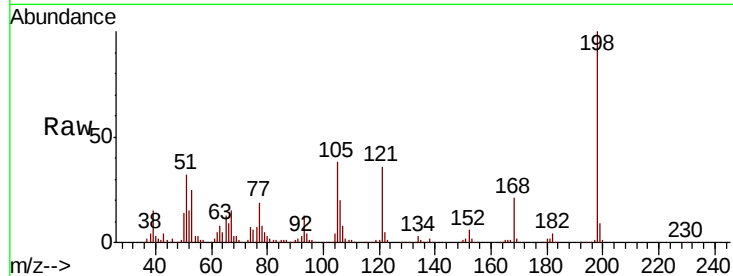
Tgt Ion:198 Resp: 138447

Ion Ratio Lower Upper

198 100

51 32.1 11.0 51.0

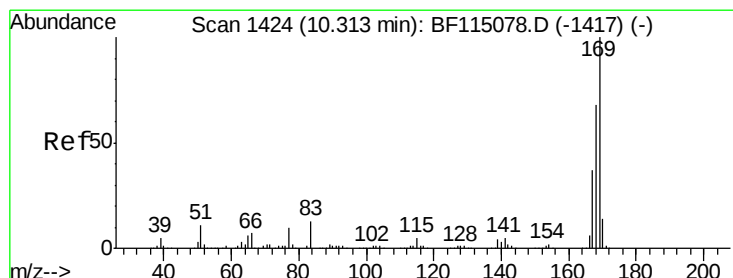
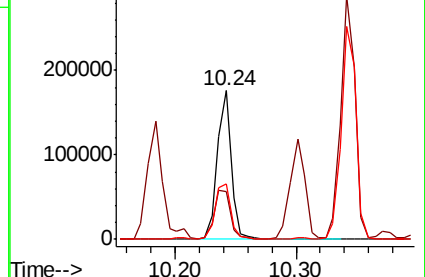
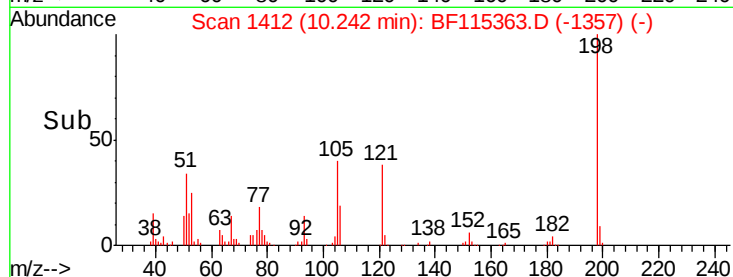
105 37.8 17.3 57.3



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: 36.160 ng

RT: 10.30 min Scan# 1422

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

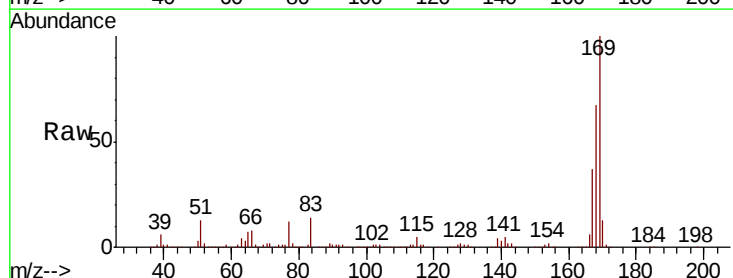
Tgt Ion:169 Resp: 859323

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.4

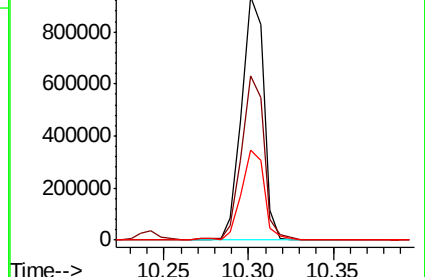
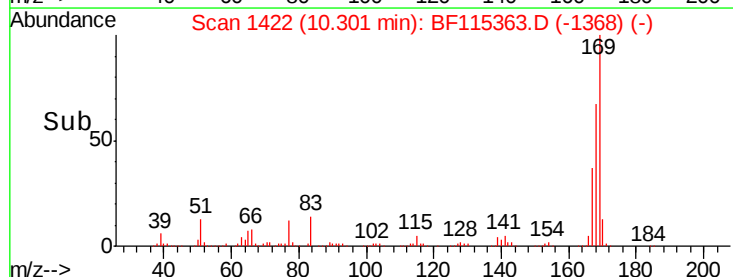
167 37.1 29.4 44.0



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

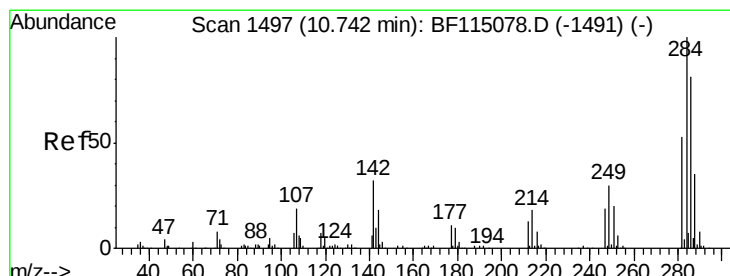
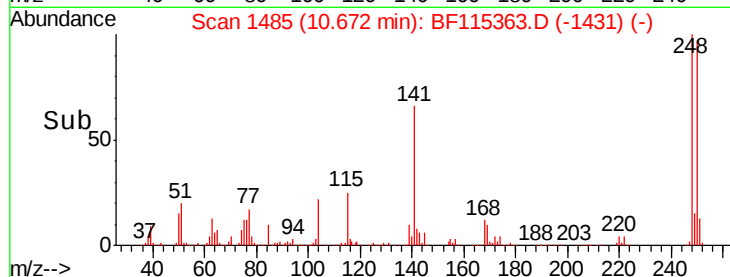
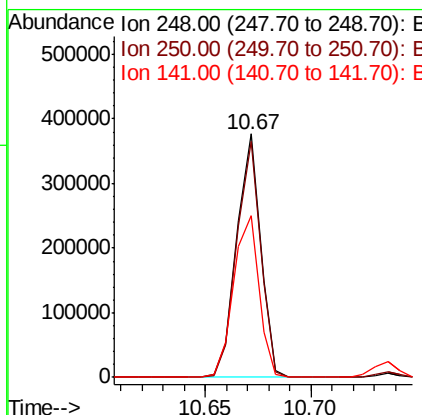
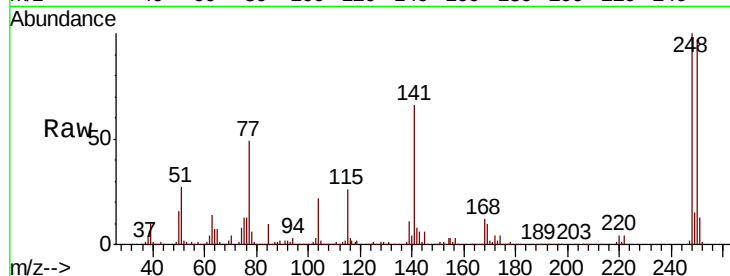




#67
4-Bromophenyl-phenylether
Concen: 35.716 ng
RT: 10.67 min Scan# 1485
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

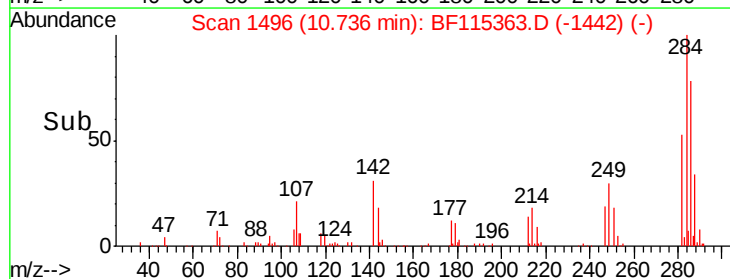
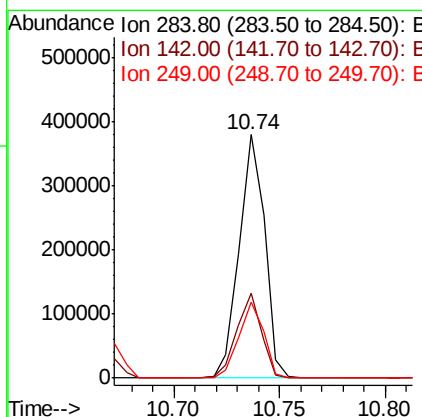
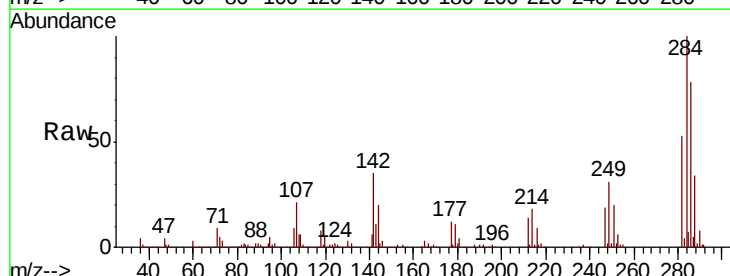
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

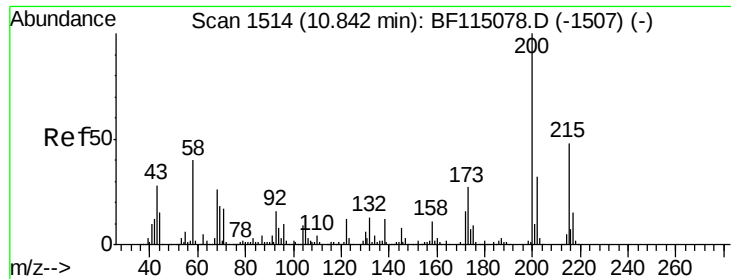
Tgt Ion:248 Resp: 295375
Ion Ratio Lower Upper
248 100
250 96.7 76.2 114.2
141 66.2 59.6 89.4



#68
Hexachlorobenzene
Concen: 35.285 ng
RT: 10.74 min Scan# 1496
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:284 Resp: 316749
Ion Ratio Lower Upper
284 100
142 34.6 25.8 38.8
249 31.4 24.2 36.4

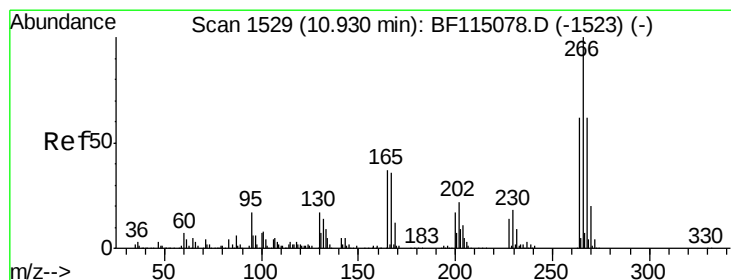
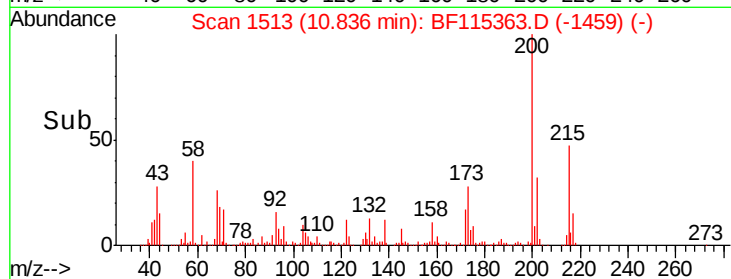
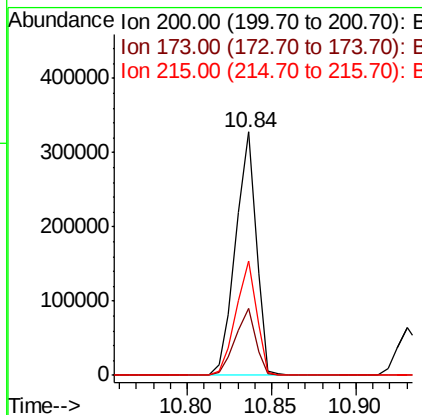
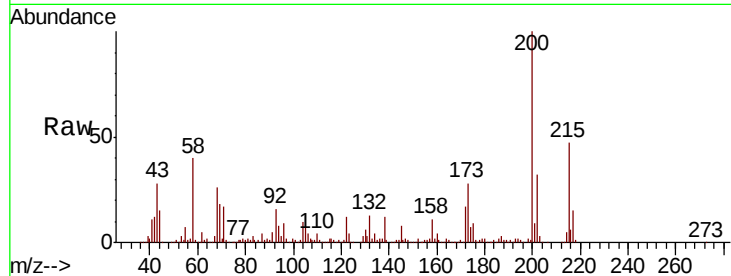




#69
 Atrazine
 Concen: 36.648 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

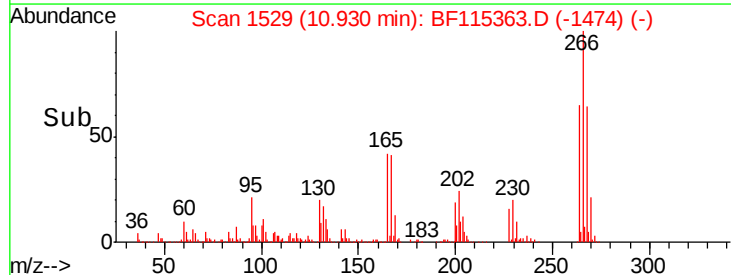
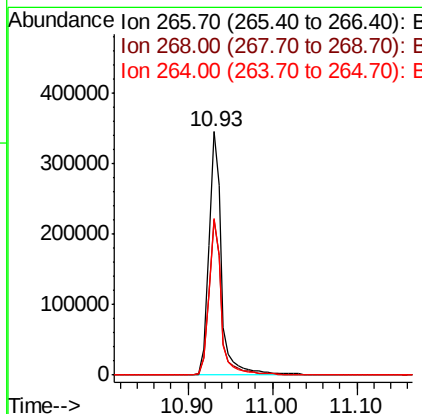
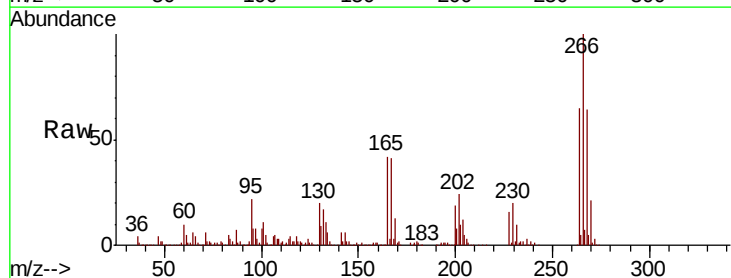
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

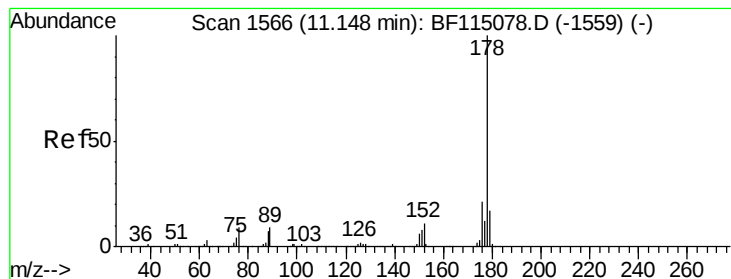
Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	46.9	27.8	67.8



#70
 Pentachlorophenol
 Concen: 63.420 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.5	74.3
264	64.6	49.3	73.9





#71

Phenanthrene

Concen: 39.372 ng

RT: 11.14 min Scan# 1565

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

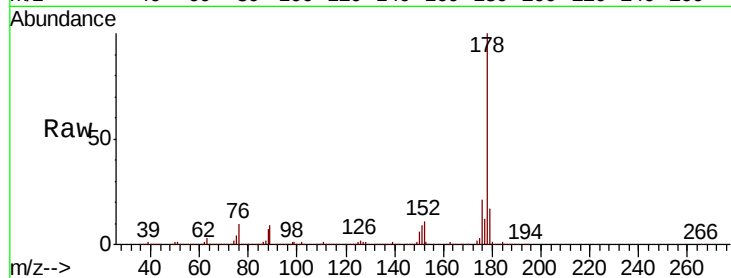
Tgt Ion:178 Resp: 1616987

Ion Ratio Lower Upper

178 100

176 20.8 16.9 25.3

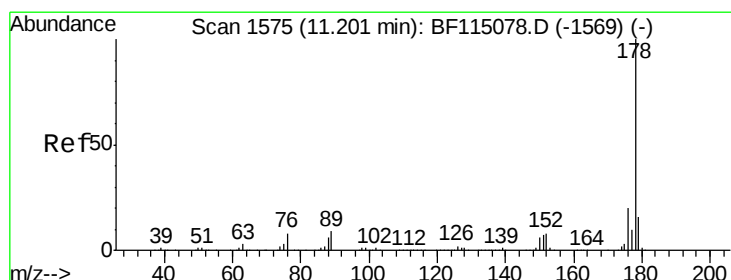
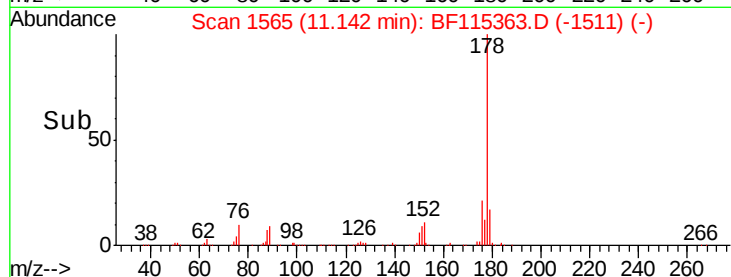
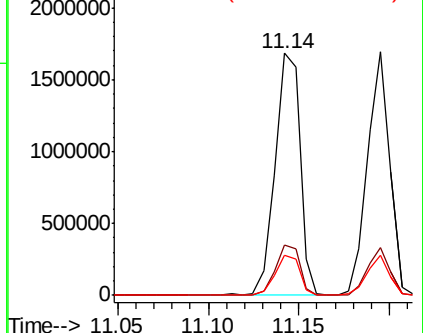
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.327 ng

RT: 11.20 min Scan# 1574

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

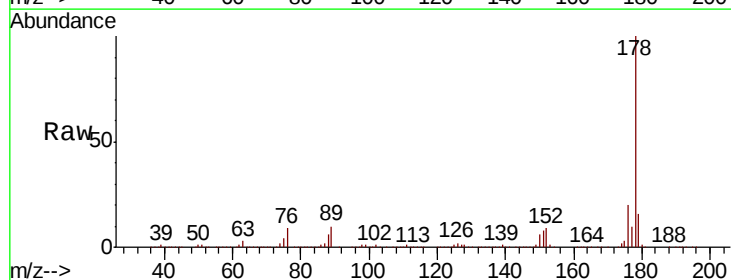
Tgt Ion:178 Resp: 1464533

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

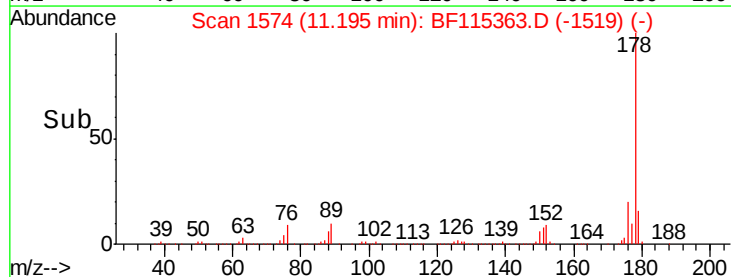
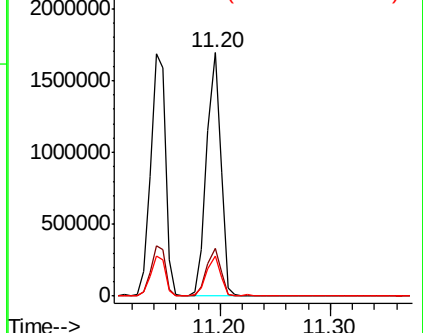
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

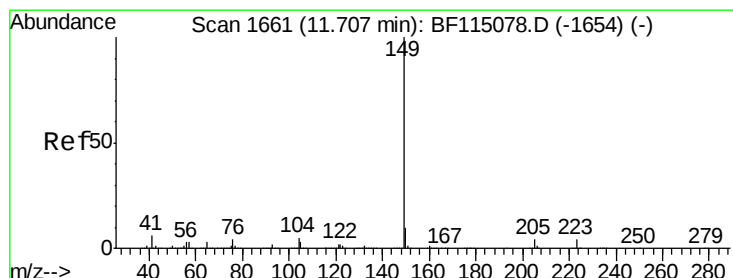
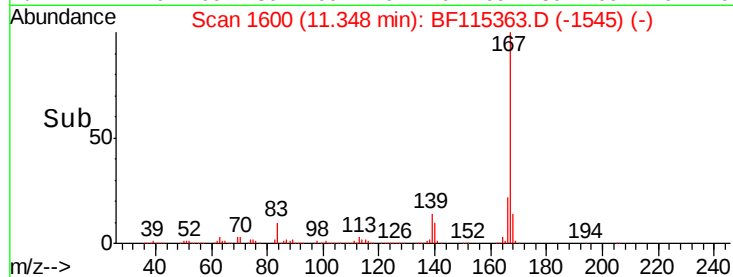
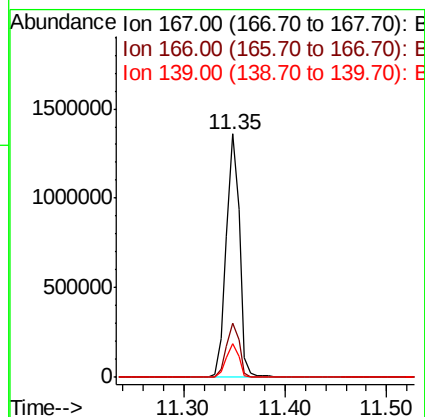
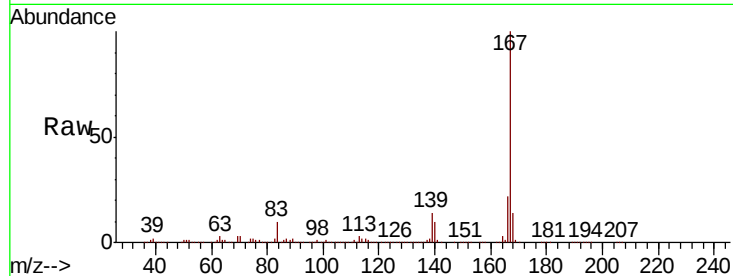




#73
 Carbazole
 Concen: 33.524 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

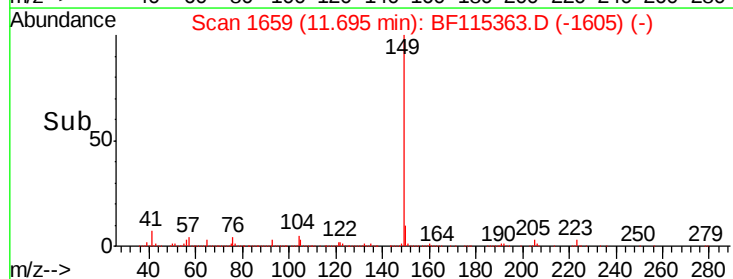
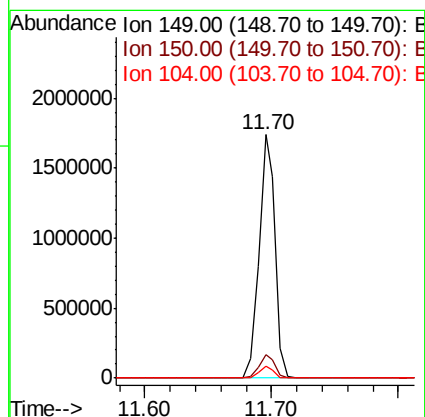
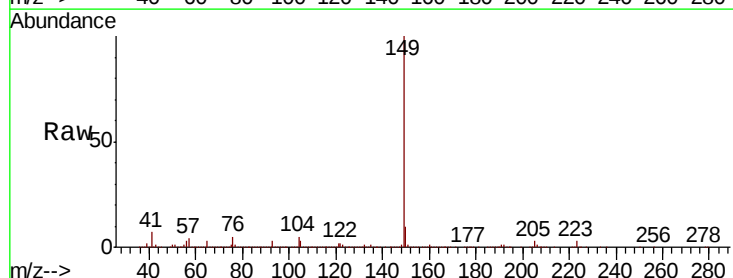
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

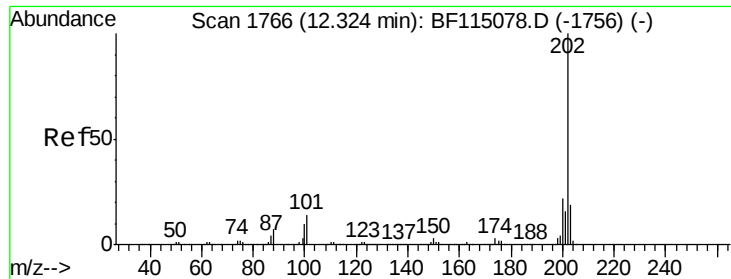
Tgt Ion:167 Resp: 1241053
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 13.7 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 35.985 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:149 Resp: 1539352
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.8
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 40.836 ng

RT: 12.32 min Scan# 1766

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

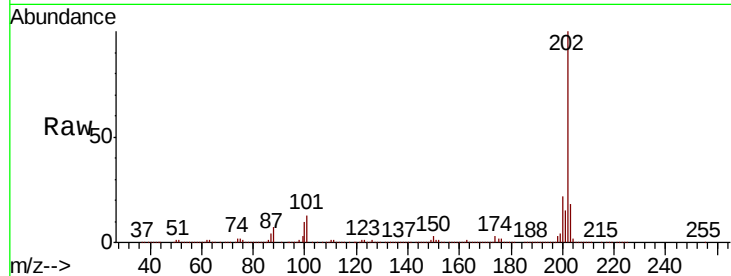
Tgt Ion:202 Resp: 1673311

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.0

203 18.4 0.0 38.8

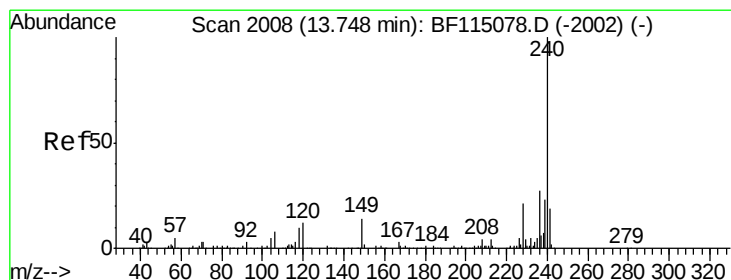
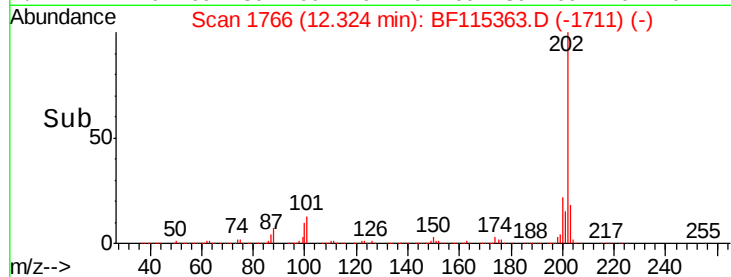
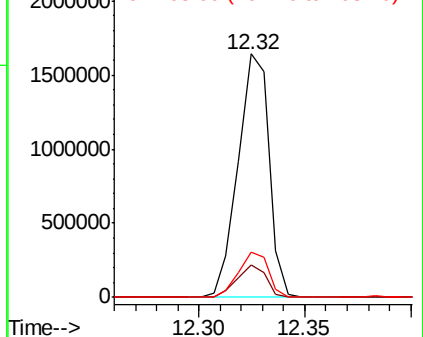


Abundance

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: 13.75 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

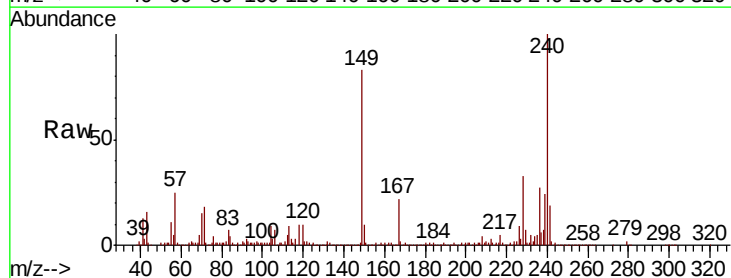
Tgt Ion:240 Resp: 425359

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.9 21.7 32.5

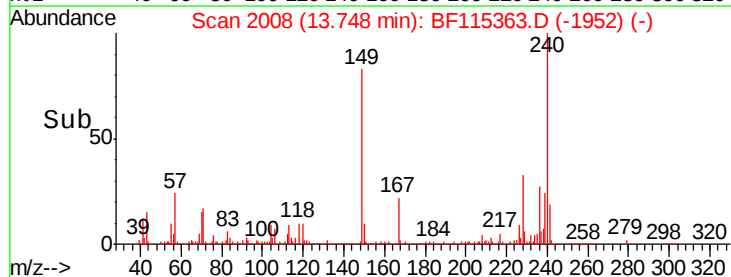
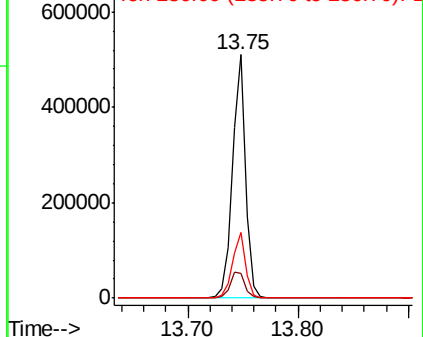


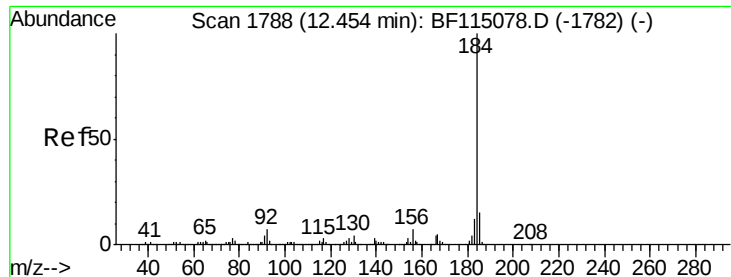
Abundance

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: 23.637 ng

RT: 12.45 min Scan# 1788

Delta R.T. 0.03 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

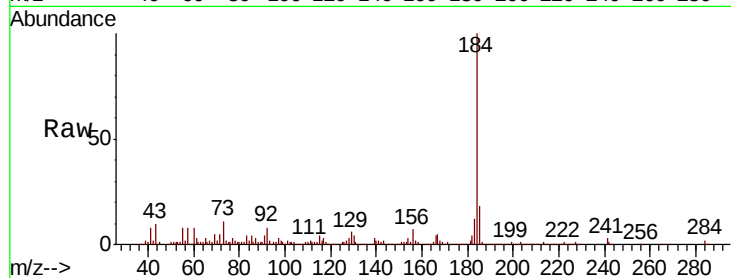
Tgt Ion:184 Resp: 446440

Ion Ratio Lower Upper

184 100

185 17.5 12.2 18.2

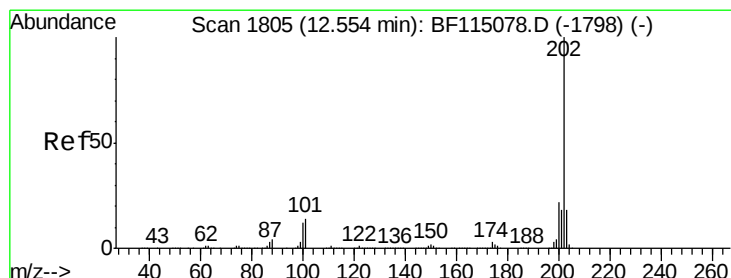
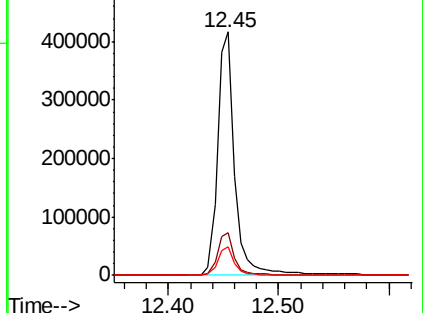
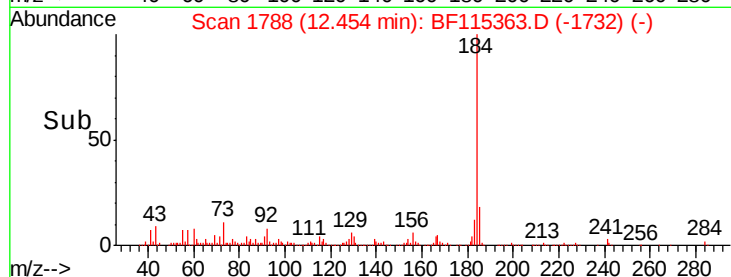
183 11.9 9.6 14.4



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: 48.936 ng

RT: 12.55 min Scan# 1805

Delta R.T. 0.03 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

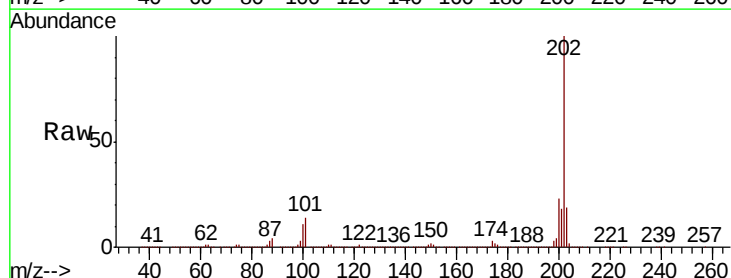
Tgt Ion:202 Resp: 1599686

Ion Ratio Lower Upper

202 100

200 22.7 17.9 26.9

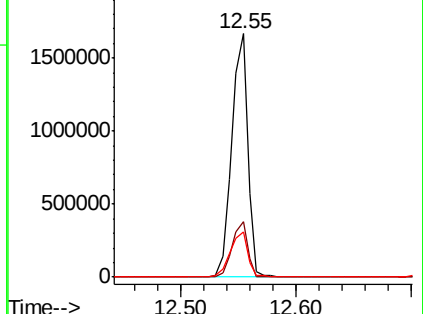
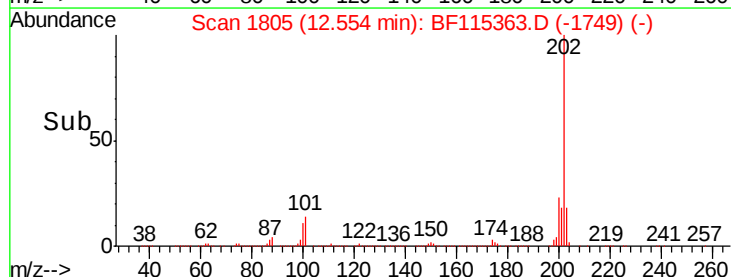
203 18.5 14.6 21.8

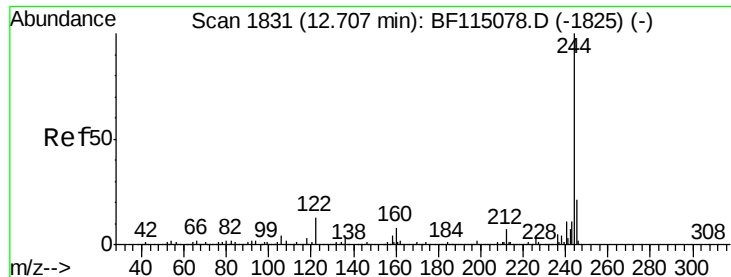


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

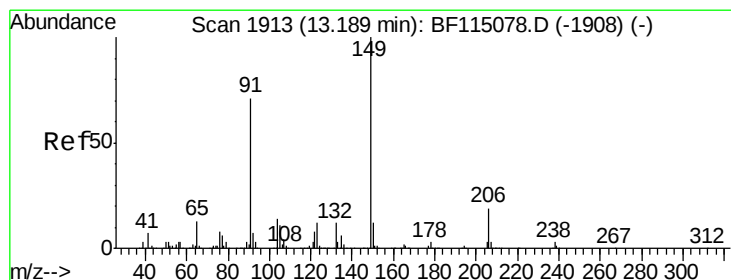
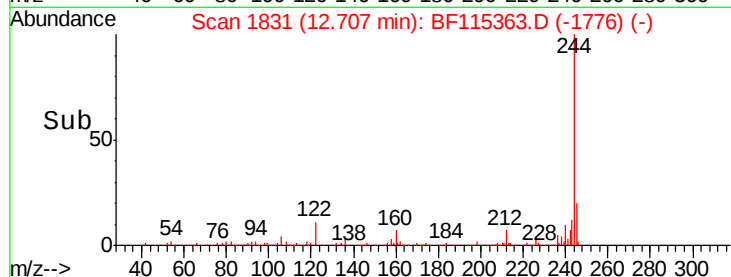
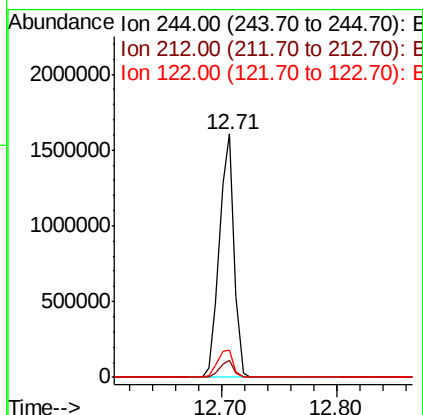
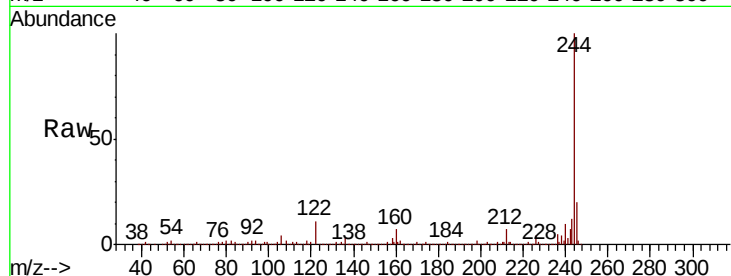




#79
 Terphenyl-d14
 Concen: 70.862 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

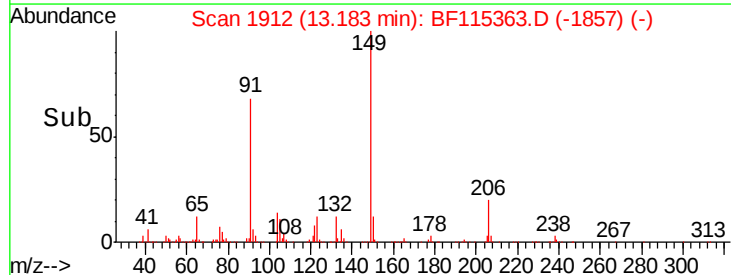
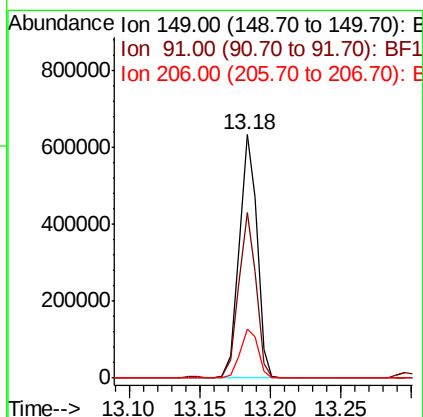
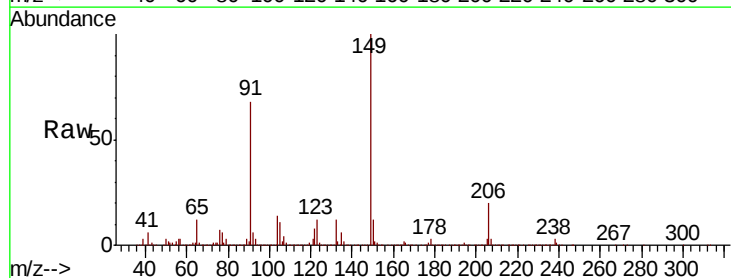
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

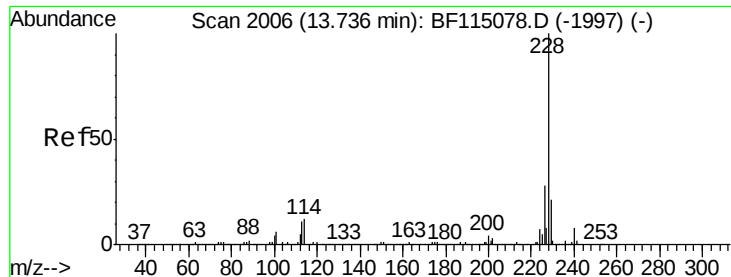
Tgt Ion:244 Resp: 1417658
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 11.1 10.4 15.6



#80
 Butylbenzylphthalate
 Concen: 38.247 ng
 RT: 13.18 min Scan# 1912
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:149 Resp: 551758
 Ion Ratio Lower Upper
 149 100
 91 68.0 56.5 84.7
 206 20.0 15.3 22.9





#81

Benzo(a)anthracene

Concen: 40.096 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.03 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

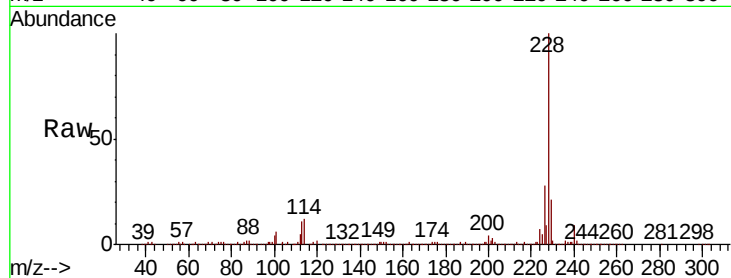
Tgt Ion:228 Resp: 1223779

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

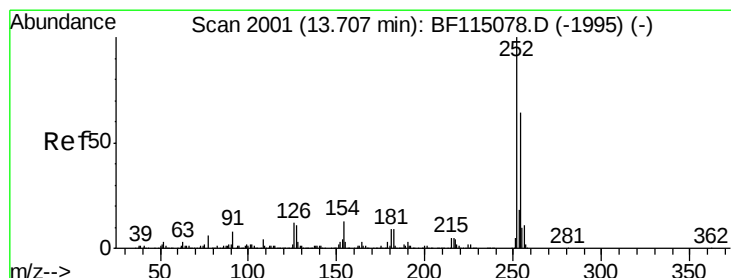
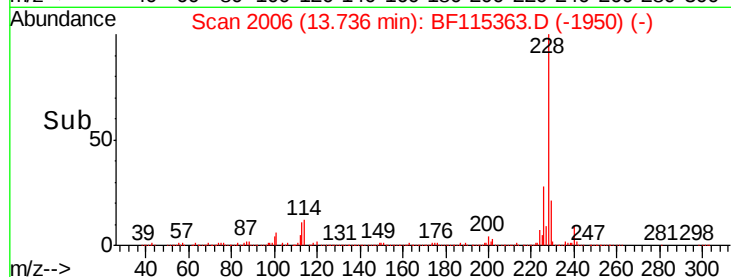
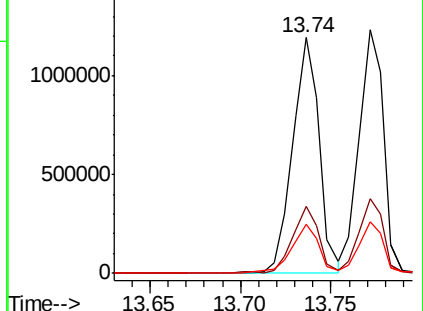
229 20.9 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.452 ng

RT: 13.70 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

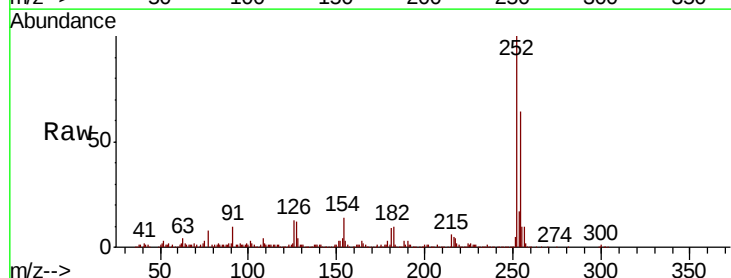
Tgt Ion:252 Resp: 313588

Ion Ratio Lower Upper

252 100

254 64.0 51.1 76.7

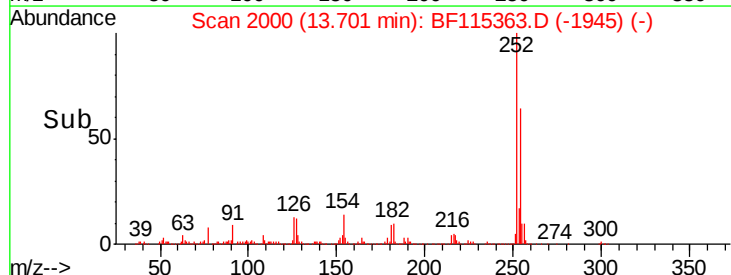
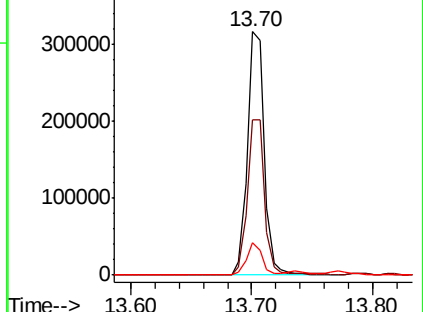
126 13.1 9.4 14.0

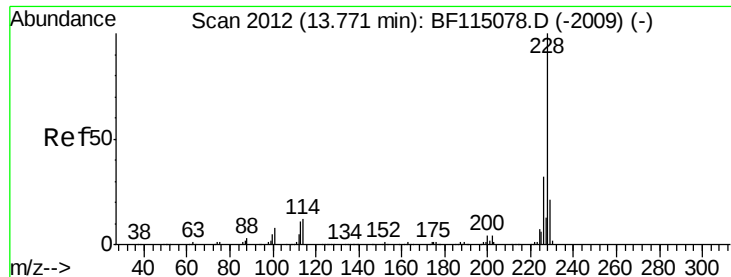


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

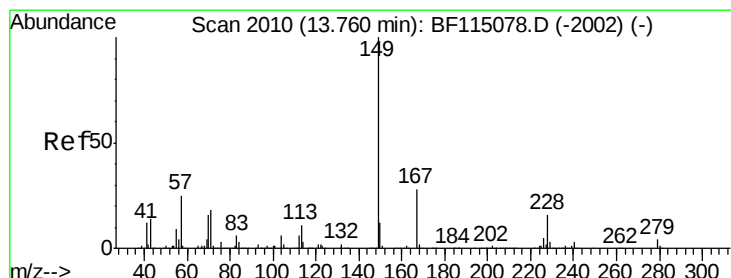
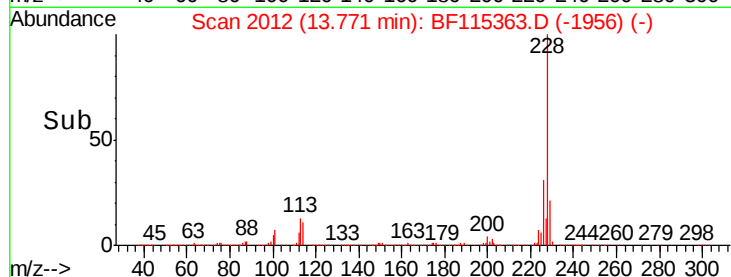
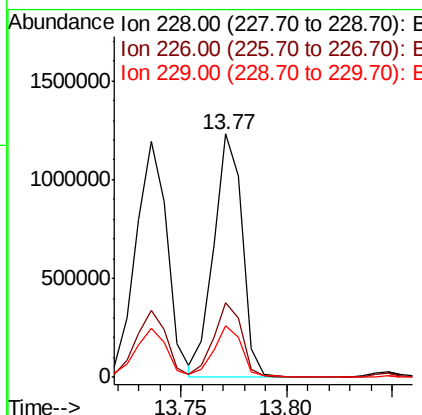
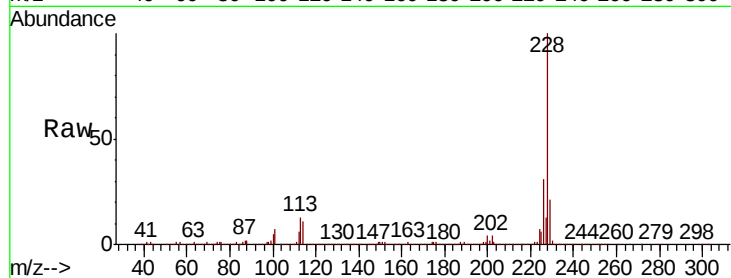




#83
 Chrysene
 Concen: 41.084 ng
 RT: 13.77 min Scan# 2012
 Delta R.T. 0.03 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

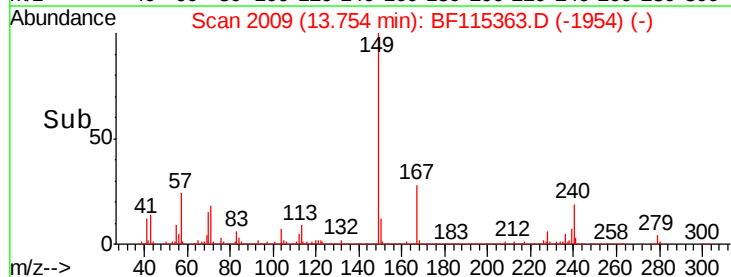
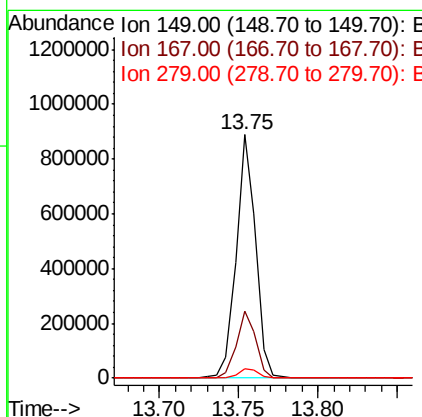
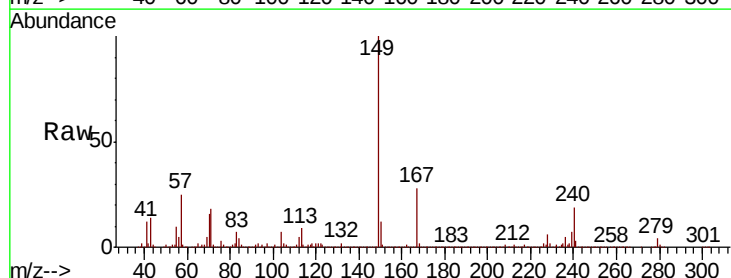
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

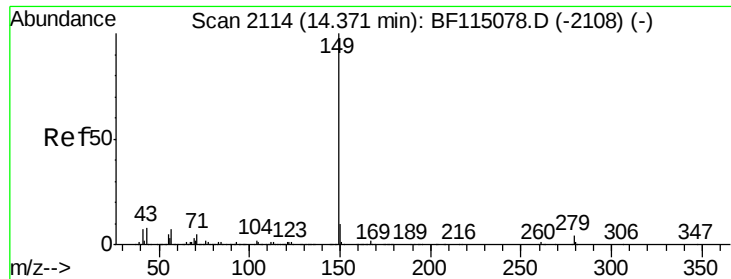
Tgt Ion:228 Resp: 1148608
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 21.3 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.575 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:149 Resp: 748065
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.2 33.4
 279 3.8 2.9 4.3

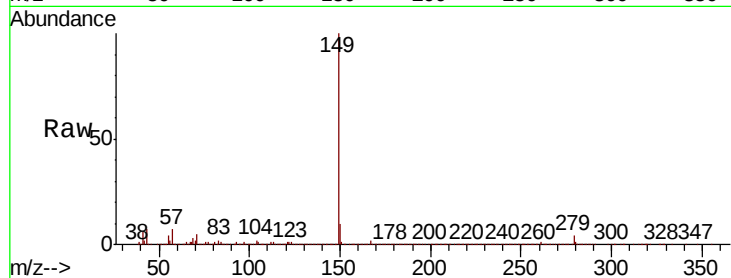




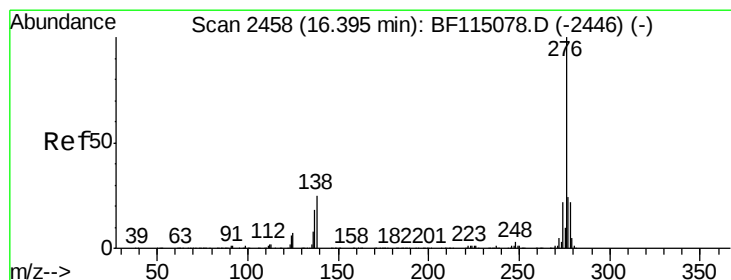
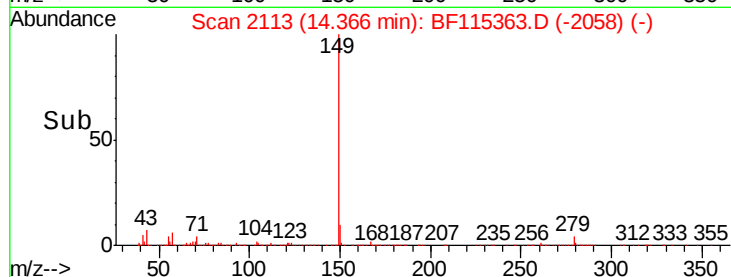
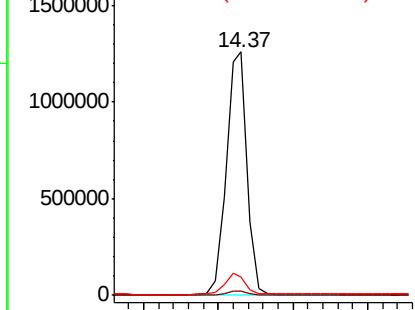
#85
Di-n-octyl phthalate
Concen: 38.547 ng
RT: 14.37 min Scan# 2113
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion:149 Resp: 1224248
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 7.0 10.6

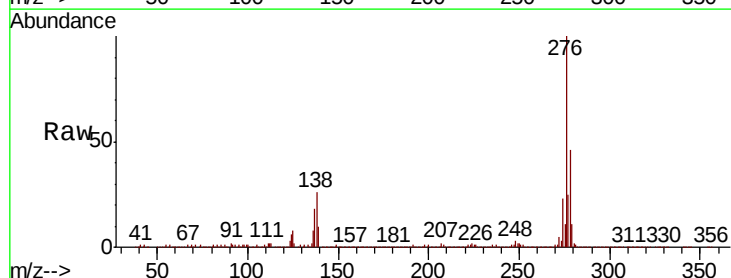


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

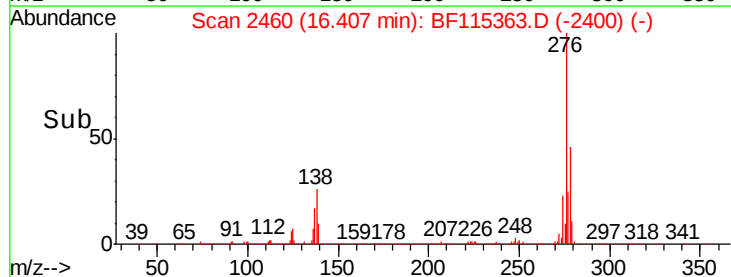
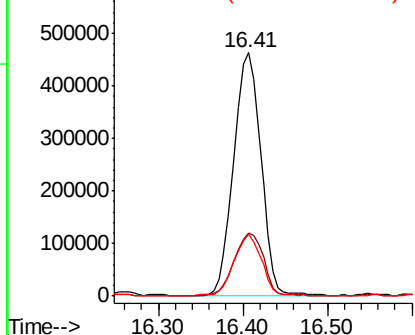


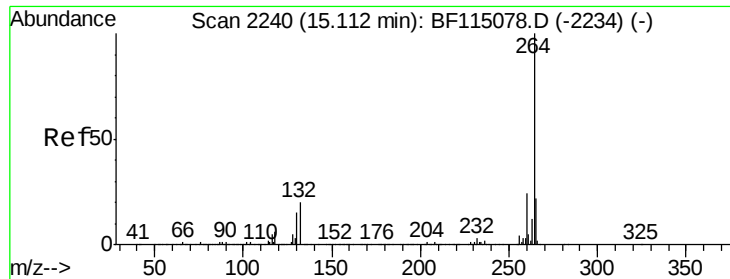
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.144 ng
RT: 16.41 min Scan# 2460
Delta R.T. 0.05 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:276 Resp: 1030302
Ion Ratio Lower Upper
276 100
138 27.5 23.2 34.8
277 25.0 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



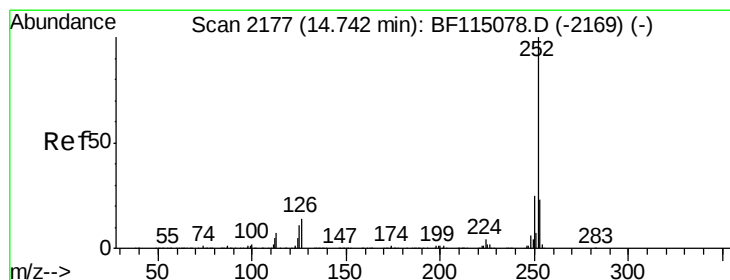
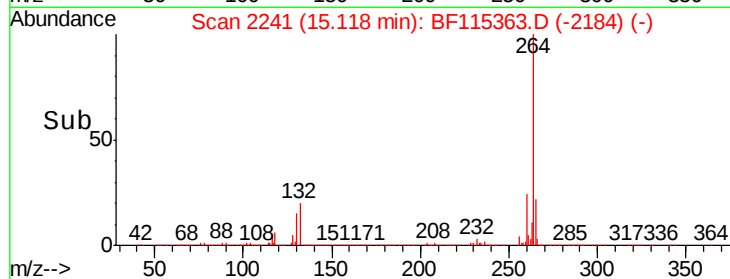
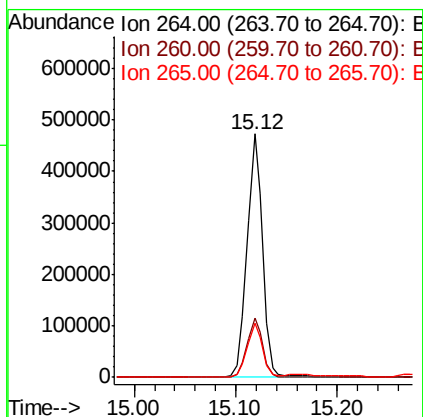
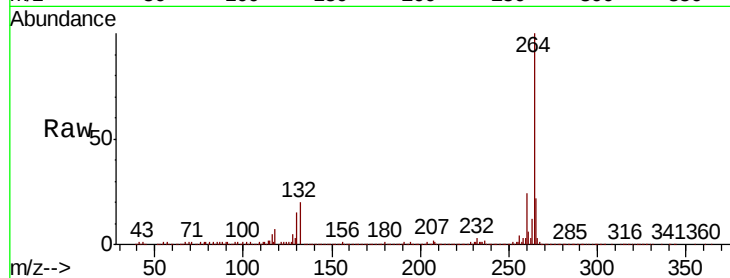


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2241
Delta R.T. 0.04 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tgt Ion:264 Resp: 501398

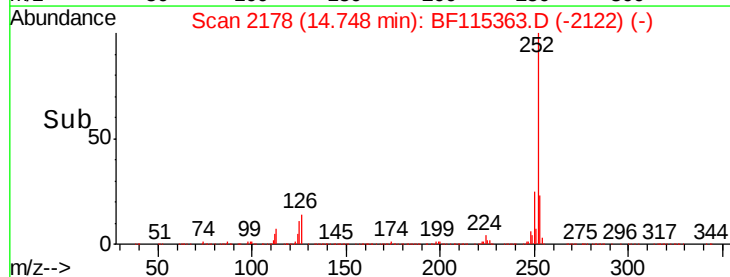
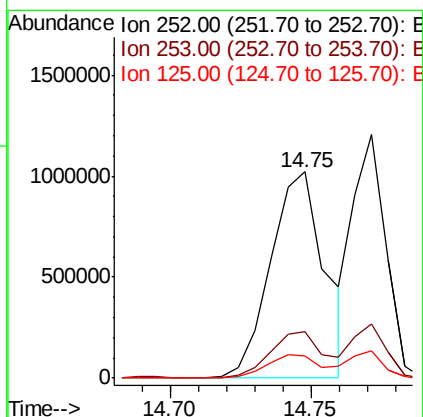
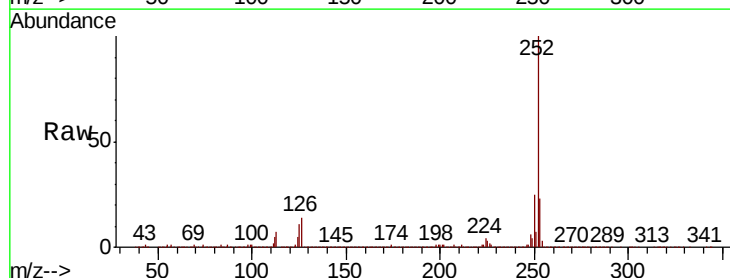
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.1	17.3	25.9

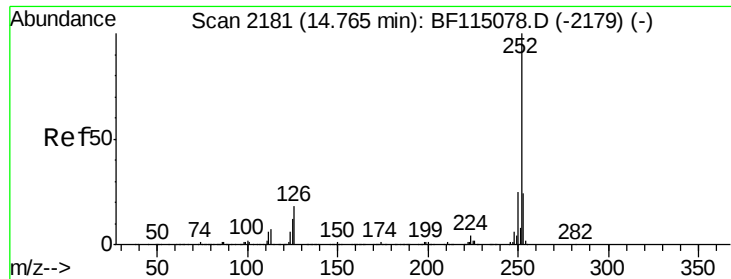


#88
Benzo(b)fluoranthene
Concen: 43.448 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.03 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:252 Resp: 1359309

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.9	8.7	13.1

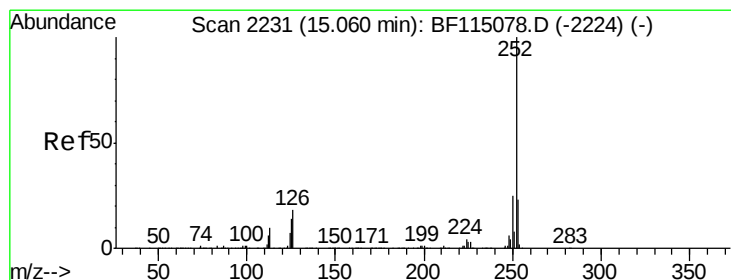
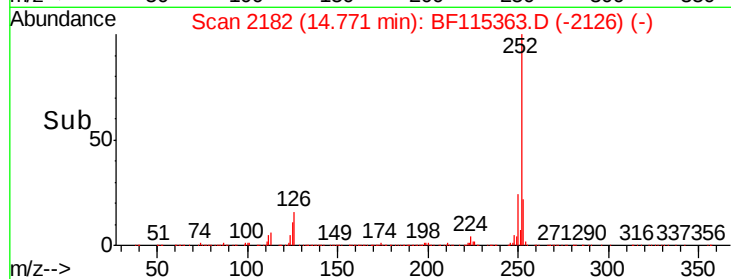
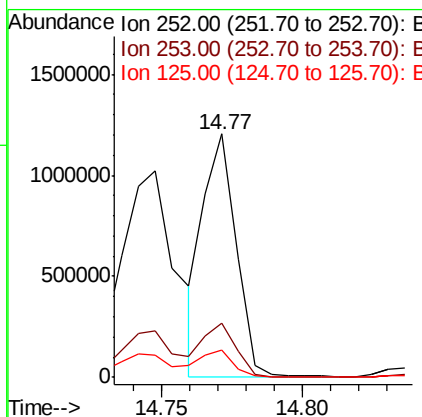
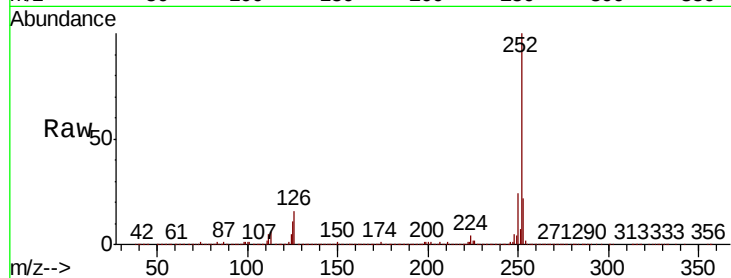




#89
Benzo(k)fluoranthene
Concen: 34.996 ng
RT: 14.77 min Scan# 2182
Delta R.T. 0.03 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

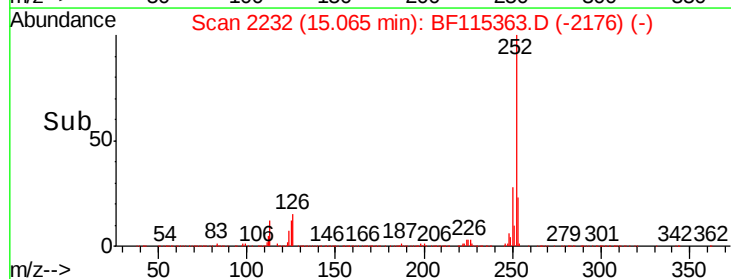
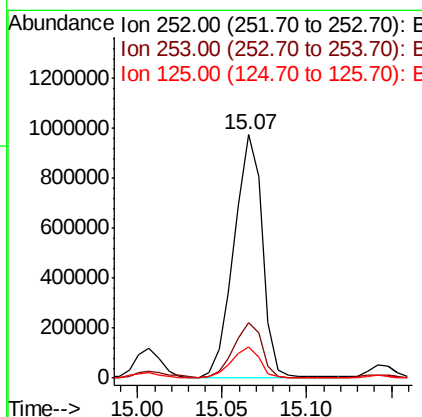
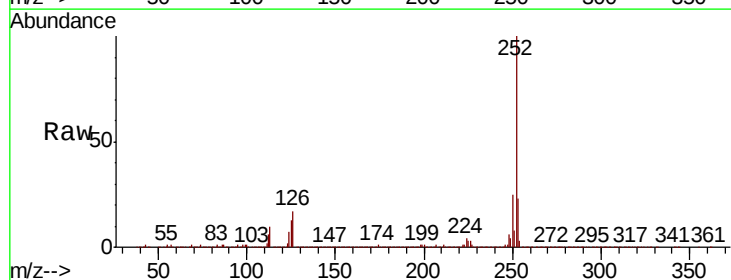
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

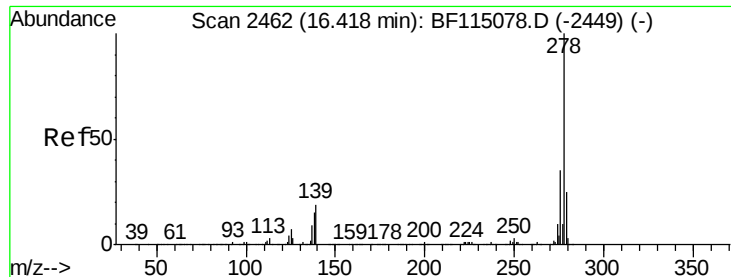
Tgt Ion:252 Resp: 981870
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 11.0 10.2 15.2



#90
Benzo(a)pyrene
Concen: 40.299 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.03 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:252 Resp: 1136355
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 12.8 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 30.987 ng

RT: 16.42 min Scan# 2463

Delta R.T. 0.05 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

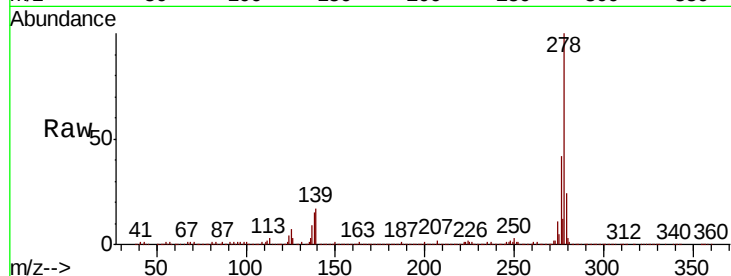
Tgt Ion:278 Resp: 815728

Ion Ratio Lower Upper

278 100

139 17.5 15.4 23.2

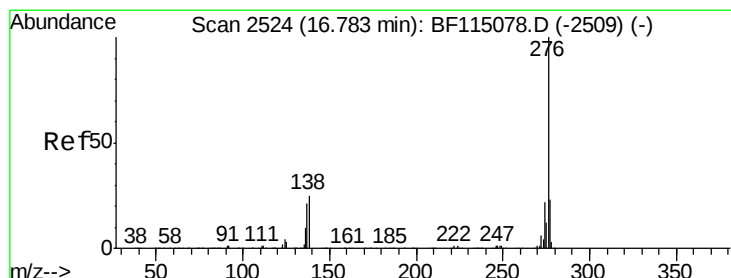
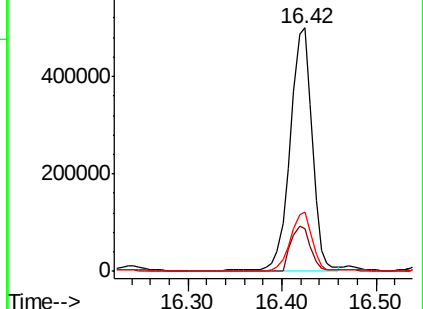
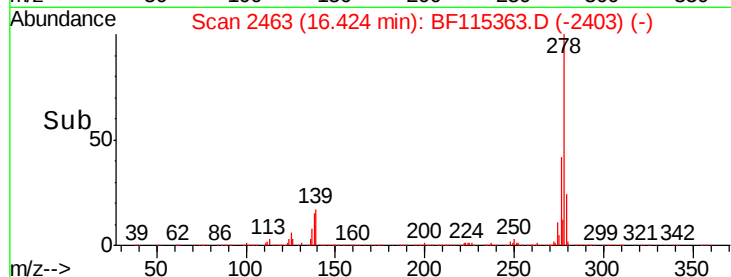
279 24.3 19.9 29.9



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: 30.566 ng

RT: 16.79 min Scan# 2525

Delta R.T. 0.05 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

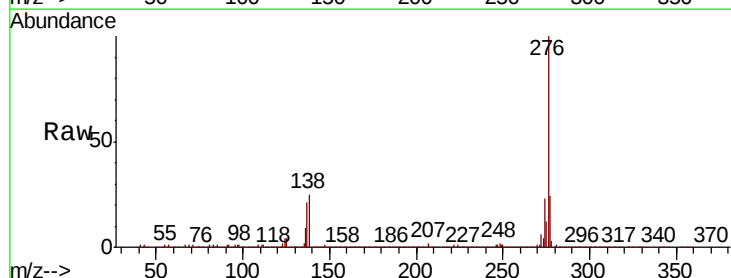
Tgt Ion:276 Resp: 814387

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 24.6 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

