

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
 Data File : BF115362.D
 Acq On : 2 Jul 2019 16:27
 Operator : HP/JU
 Sample : K3606-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Quant Time: Jul 03 05:52:06 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	216590	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	839798	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	409407	20.00	ng	0.02
64) Phenanthrene-d10	11.12	188	786011	20.00	ng	0.02
76) Chrysene-d12	13.75	240	440898	20.00	ng	0.03
87) Perylene-d12	15.12	264	516560	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1215392	86.59	ng	0.02
7) Phenol-d6	6.25	99	1546003	90.75	ng	0.02
23) Nitrobenzene-d5	7.17	82	959281	70.27	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	429938	99.58	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	1615173	67.01	ng	0.01
79) Terphenyl-d14	12.71	244	1488553	71.78	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	170947	25.807	ng	99
3) Pyridine	2.89	79	447735	23.982	ng	98
4) n-Nitrosodimethylamine	2.82	42	196271	26.817	ng	99
6) Aniline	6.27	93	477905	20.412	ng	# 6
8) 2-Chlorophenol	6.40	128	507249	32.141	ng	98
9) Benzaldehyde	6.15	77	284213	25.572	ng	98
10) Phenol	6.27	94	611146	30.626	ng	87
11) bis(2-Chloroethyl)ether	6.35	93	455913	30.994	ng	99
12) 1,3-Dichlorobenzene	6.55	146	550253	31.416	ng	100
13) 1,4-Dichlorobenzene	6.62	146	558429	31.794	ng	100
14) 1,2-Dichlorobenzene	6.78	146	521297	32.050	ng	99
15) Benzyl Alcohol	6.75	79	354856	28.606	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	639515	29.976	ng	93
17) 2-Methylphenol	6.88	107	445734	34.217	ng	98
18) Hexachloroethane	7.12	117	192034	30.327	ng	96
19) n-Nitroso-di-n-propylamine	7.03	70	321452	29.474	ng	98
20) 3+4-Methylphenols	7.03	107	507126	33.714	ng	# 76
22) Acetophenone	7.02	105	691062	35.945	ng	# 93
24) Nitrobenzene	7.19	77	504279	33.529	ng	99
25) Isophorone	7.44	82	908911	32.500	ng	100
26) 2-Nitrophenol	7.51	139	284358	38.285	ng	96
27) 2,4-Dimethylphenol	7.56	122	445795	36.658	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	578761	32.743	ng	99
29) 2,4-Dichlorophenol	7.75	162	442331	35.246	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	472436	34.081	ng	99
31) Naphthalene	7.91	128	1454772	35.290	ng	99
32) Benzoic acid	7.62	122	37138	4.278	ng	90
33) 4-Chloroaniline	7.96	127	337931	17.937	ng	99
34) Hexachlorobutadiene	8.04	225	257446	33.890	ng	99
35) Caprolactam	8.32	113	96909	22.968	ng	99
36) 4-Chloro-3-methylphenol	8.46	107	442333	34.803	ng	97
37) 2-Methylnaphthalene	8.61	142	973796	35.035	ng	98
38) 1-Methylnaphthalene	8.70	142	909020	34.243	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	423447	36.601	ng	99

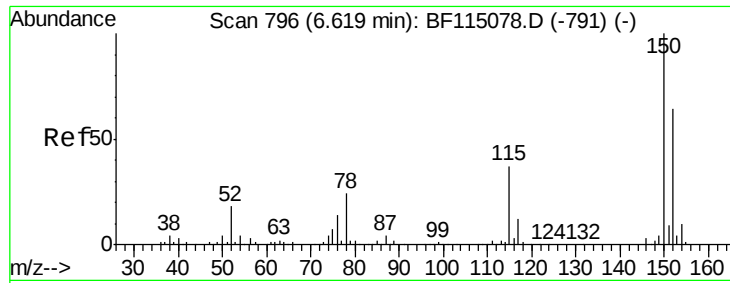
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070219\
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 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	443910	64.709	ng	99
43) 2,4,6-Trichlorophenol	8.88	196	313194	35.065	ng	98
44) 2,4,5-Trichlorophenol	8.92	196	341092	37.083	ng	99
46) 1,1'-Biphenyl	9.07	154	1147655	35.034	ng	98
47) 2-Chloronaphthalene	9.09	162	910088	34.250	ng	98
48) 2-Nitroaniline	9.18	65	265227	34.237	ng	97
49) Acenaphthylene	9.50	152	1436588	34.700	ng	99
50) Dimethylphthalate	9.38	163	1552520	51.543	ng	99
51) 2,6-Dinitrotoluene	9.43	165	246833	35.495	ng	99
52) Acenaphthene	9.68	154	835239	32.241	ng	98
53) 3-Nitroaniline	9.60	138	238720	28.131	ng	99
54) 2,4-Dinitrophenol	9.70	184	86275	29.241	ng	97
55) Dibenzofuran	9.85	168	1267312	34.084	ng	99
56) 4-Nitrophenol	9.77	139	427894	62.895	ng	89
57) 2,4-Dinitrotoluene	9.83	165	323245	36.000	ng	93
58) Fluorene	10.19	166	909567	35.325	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	278772	36.144	ng	97
60) Diethylphthalate	10.08	149	1041269	34.391	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	430213	35.068	ng	97
62) 4-Nitroaniline	10.21	138	274418	32.234	ng	99
63) Azobenzene	10.34	77	919159	32.502	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	140051	34.987	ng	98
66) n-Nitrosodiphenylamine	10.31	169	866351	35.379	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	291882	34.251	ng	96
68) Hexachlorobenzene	10.74	284	322433	34.857	ng	97
69) Atrazine	10.84	200	278604	35.368	ng	99
70) Pentachlorophenol	10.93	266	369710	62.738	ng	97
71) Phenanthrene	11.15	178	1650405	38.998	ng	99
72) Anthracene	11.19	178	1498847	35.086	ng	100
73) Carbazole	11.35	167	1295287	33.955	ng	100
74) Di-n-butylphthalate	11.69	149	1555443	35.286	ng	100
75) Fluoranthene	12.33	202	1742661	41.271	ng	97
77) Benzidine	12.45	184	436214	22.281	ng	# 95
78) Pyrene	12.55	202	1668757	49.250	ng	99
80) Butylbenzylphthalate	13.18	149	568883	38.045	ng	98
81) Benzo(a)anthracene	13.74	228	1260443	39.842	ng	100
82) 3,3'-Dichlorobenzidine	13.71	252	316489	27.703	ng	98
83) Chrysene	13.78	228	1195329	41.248	ng	99
84) Bis(2-ethylhexyl)phthalate	13.75	149	770391	39.319	ng	99
85) Di-n-octyl phthalate	14.37	149	1248211	37.917	ng	99
86) Indeno(1,2,3-cd)pyrene	16.41	276	1017074	29.660	ng	98
88) Benzo(b)fluoranthene	14.75	252	1369919	42.502	ng	99
89) Benzo(k)fluoranthene	14.77	252	1024060	35.428	ng	98
90) Benzo(a)pyrene	15.07	252	1172754	40.369	ng	99
91) Dibenzo(a,h)anthracene	16.42	278	781048	28.799	ng	97
92) Benzo(g,h,i)perylene	16.79	276	798134	29.076	ng	99

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

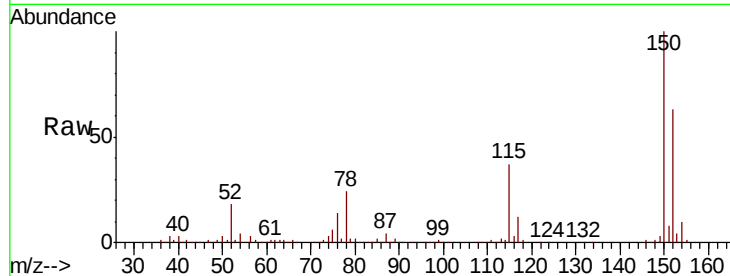


#1

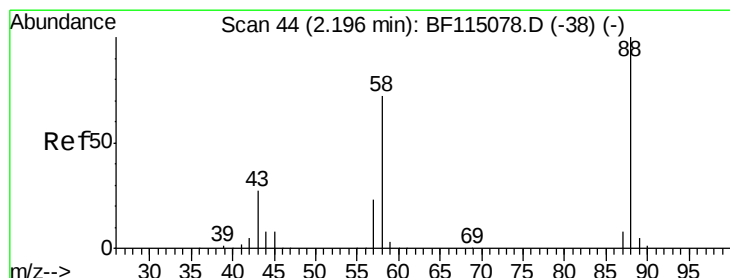
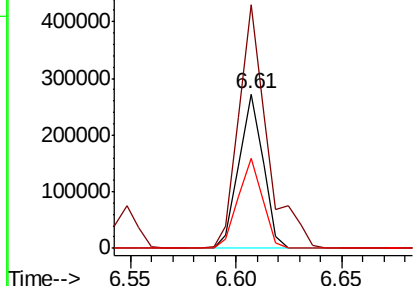
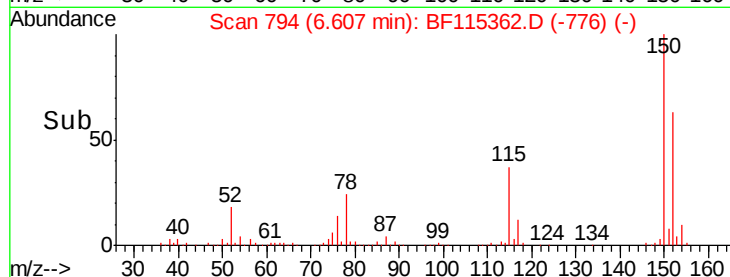
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion: 152 Resp: 216590
Ion Ratio Lower Upper
152 100
150 157.5 124.2 186.2
115 58.3 46.1 69.1



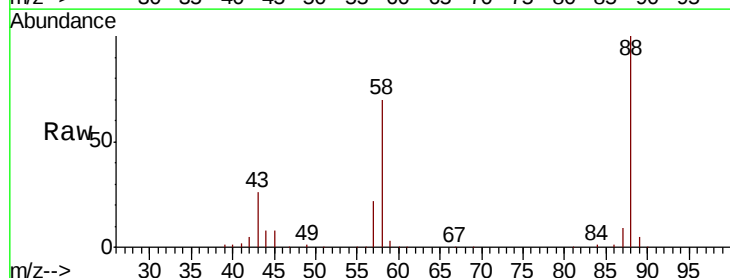
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



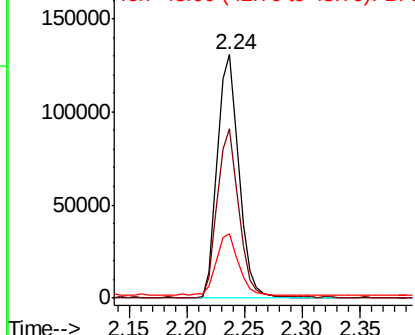
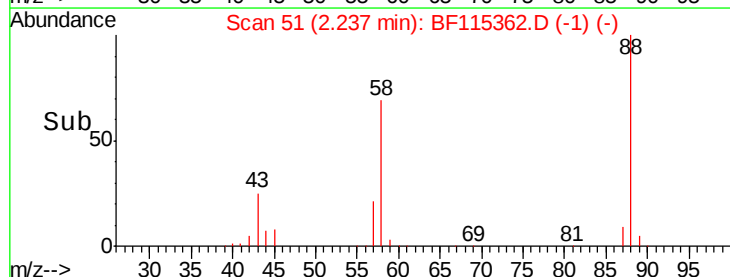
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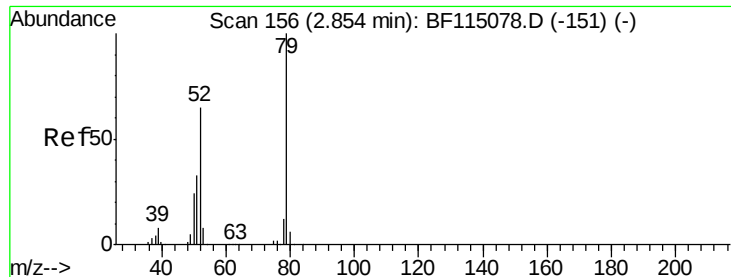
1,4-Dioxane
Concen: 25.807 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion: 88 Resp: 170947
Ion Ratio Lower Upper
88 100
58 68.9 56.1 84.1
43 26.0 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: 23.982 ng

RT: 2.89 min Scan# 162

Delta R.T. 0.09 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

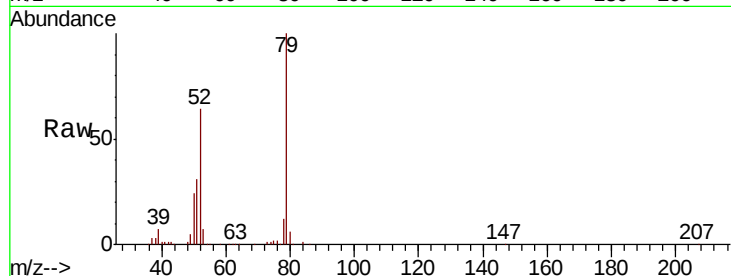
Tgt Ion: 79 Resp: 447735

Ion Ratio Lower Upper

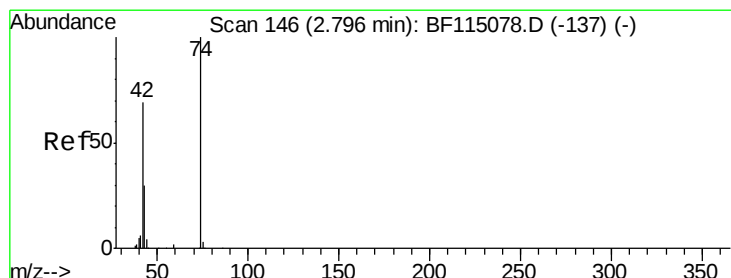
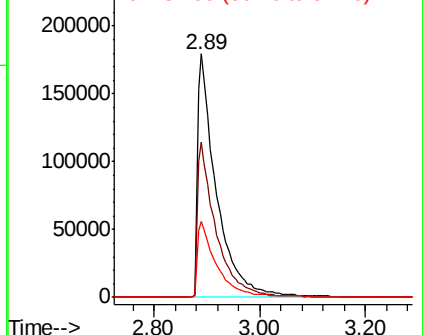
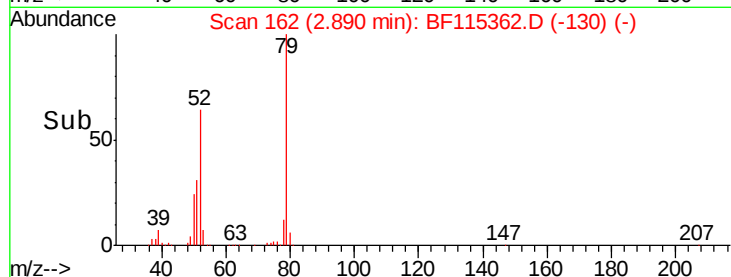
79 100

52 63.9 52.3 78.5

51 31.2 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: 26.817 ng

RT: 2.82 min Scan# 151

Delta R.T. 0.08 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

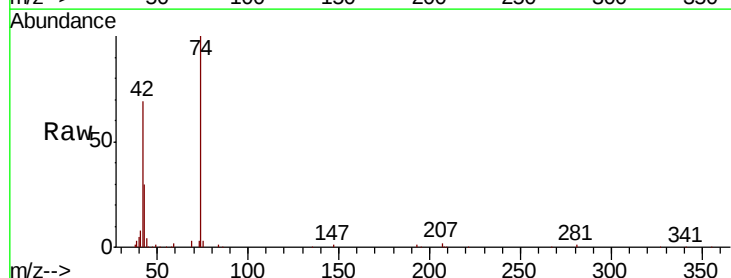
Tgt Ion: 42 Resp: 196271

Ion Ratio Lower Upper

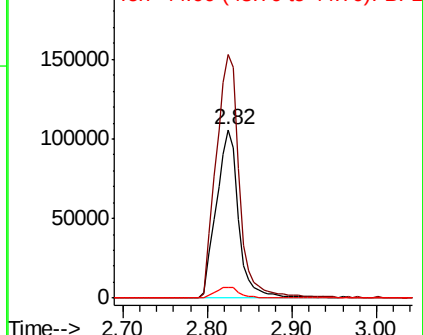
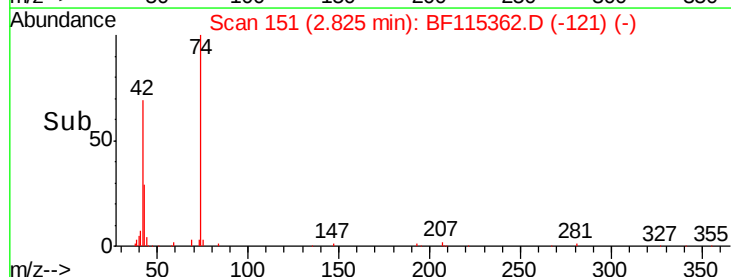
42 100

74 144.6 116.6 175.0

44 6.5 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: 86.595 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

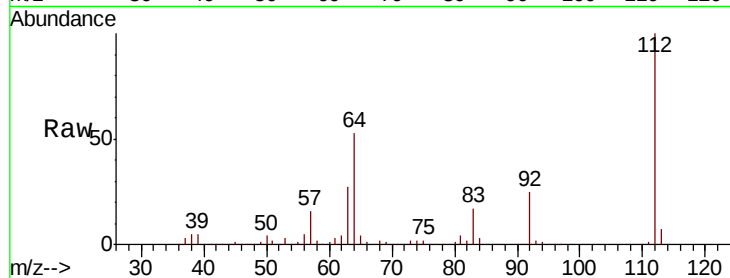
Tgt Ion: 112 Resp: 1215392

Ion Ratio Lower Upper

112 100

64 53.0 43.8 65.6

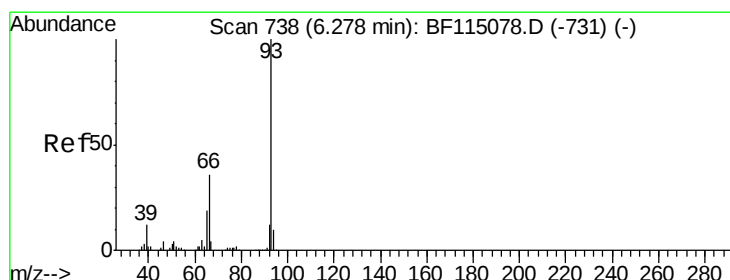
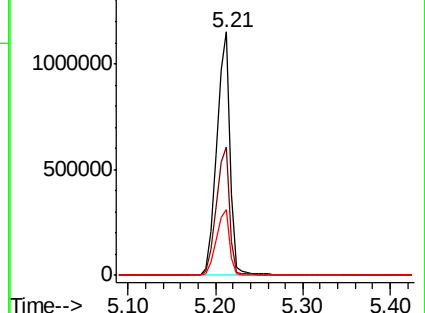
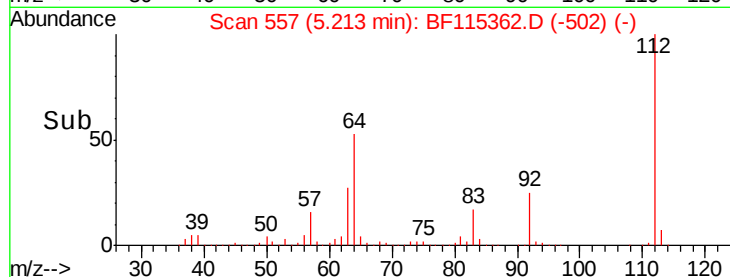
63 27.1 22.2 33.4



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: 20.412 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

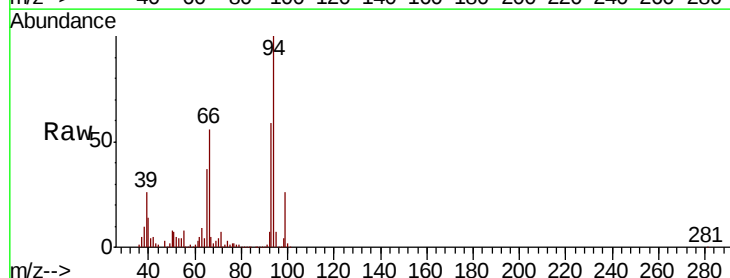
Tgt Ion: 93 Resp: 477905

Ion Ratio Lower Upper

93 100

66 93.9 30.0 45.0#

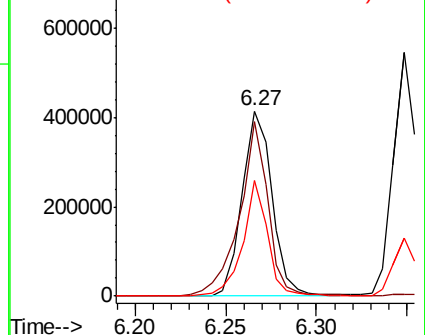
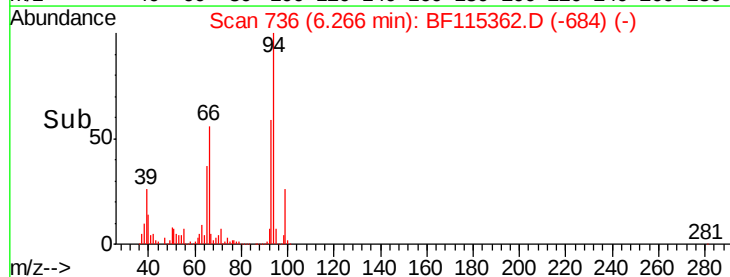
65 62.4 15.6 23.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.752 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

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ClientSampleId :

HJDC-COMP-1MS

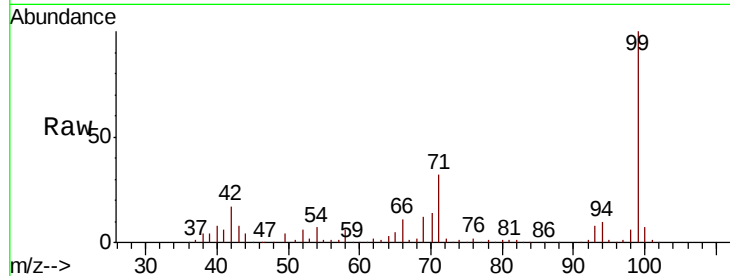
Tgt Ion: 99 Resp: 1546003

Ion Ratio Lower Upper

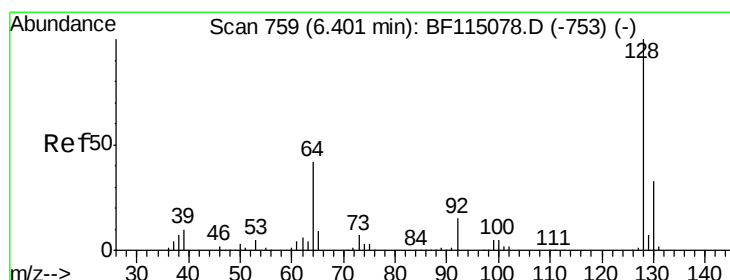
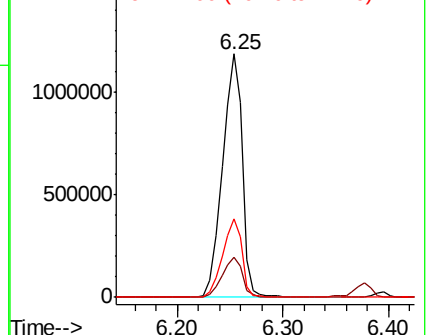
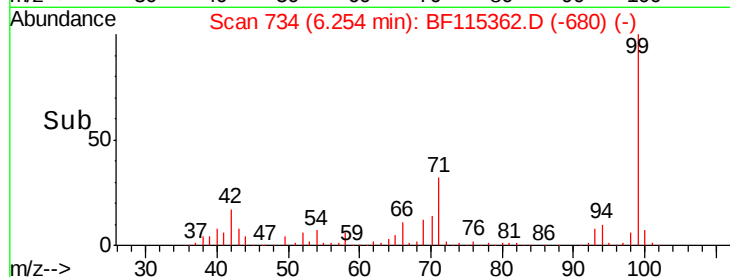
99 100

42 16.6 13.6 20.4

71 32.1 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: 32.141 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

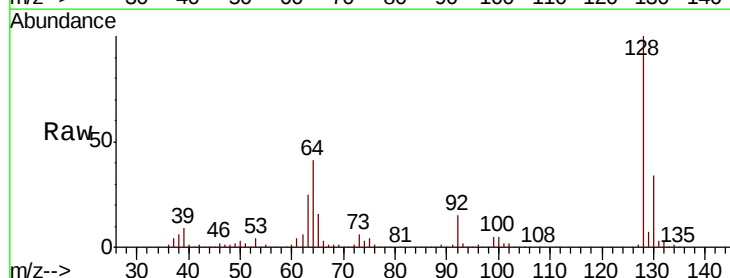
Tgt Ion: 128 Resp: 507249

Ion Ratio Lower Upper

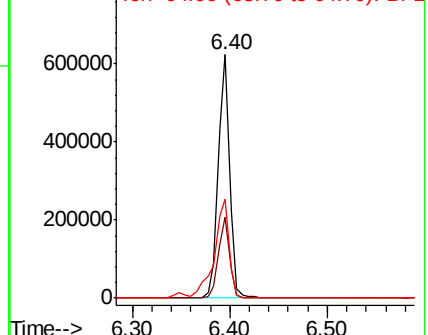
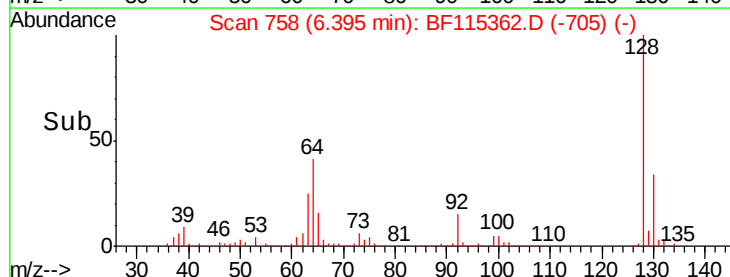
128 100

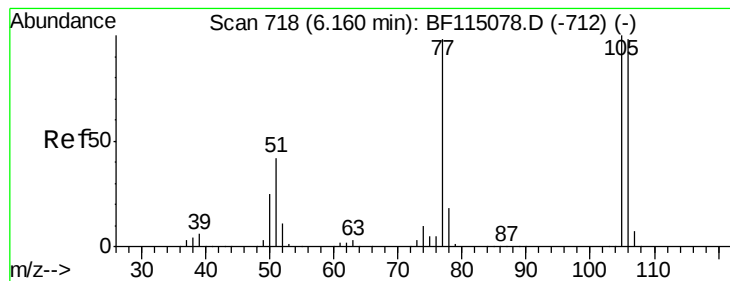
130 33.5 12.9 52.9

64 40.7 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: 25.572 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

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ClientSampleId :

HJDC-COMP-1MS

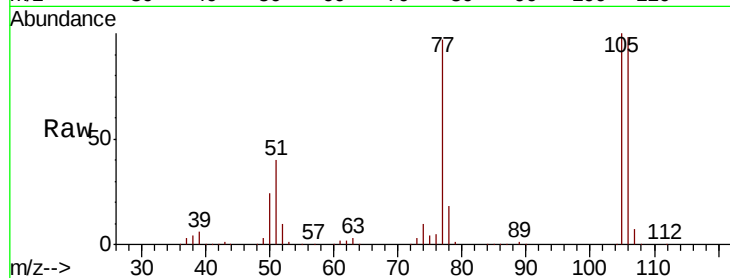
Tgt Ion: 77 Resp: 284213

Ion Ratio Lower Upper

77 100

105 103.4 81.5 121.5

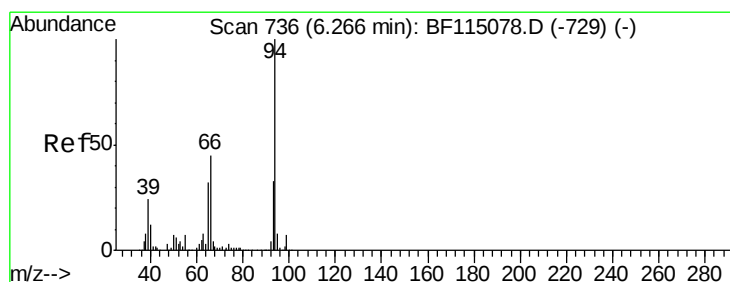
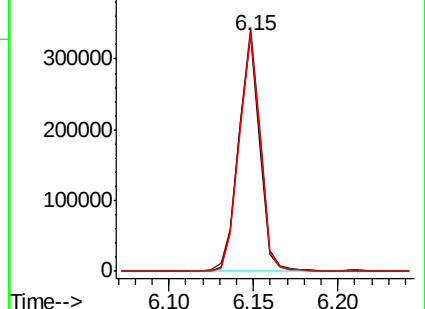
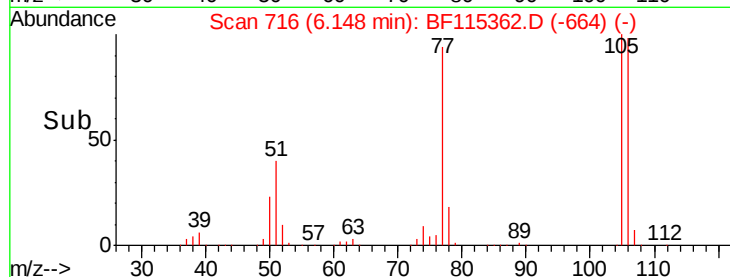
106 101.2 79.7 119.7



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: 30.626 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

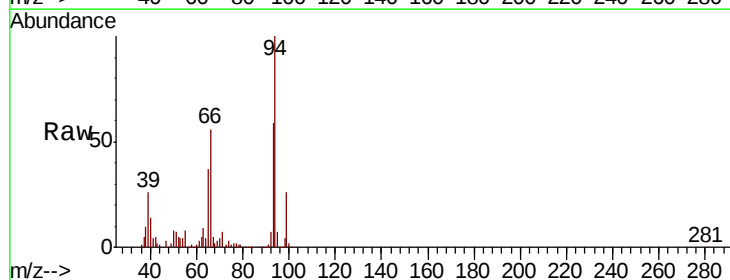
Tgt Ion: 94 Resp: 611146

Ion Ratio Lower Upper

94 100

65 37.0 11.9 51.9

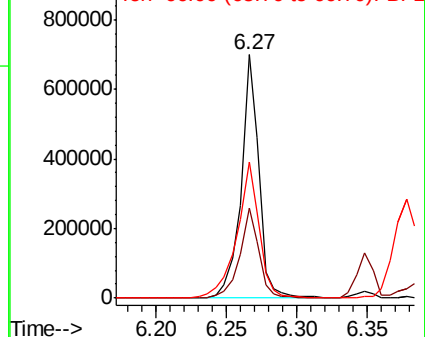
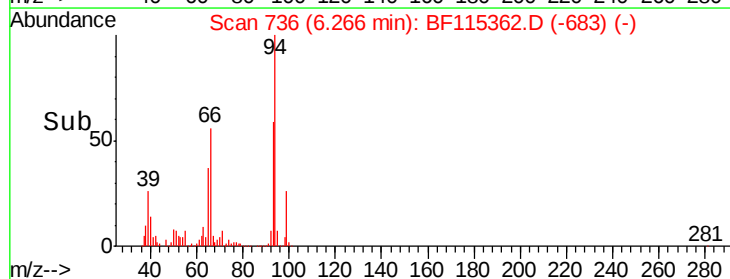
66 55.7 25.2 65.2

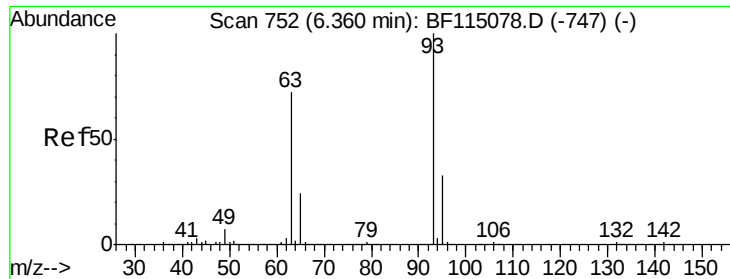


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

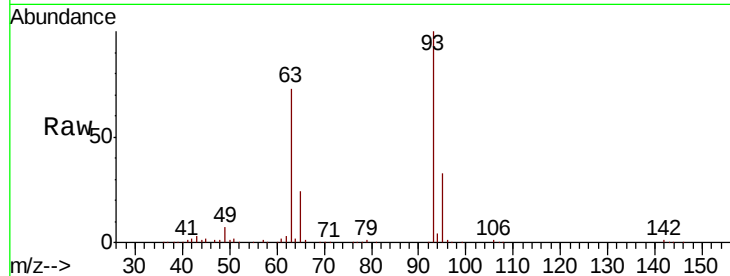




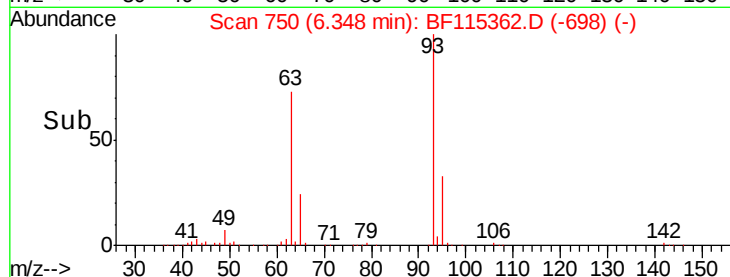
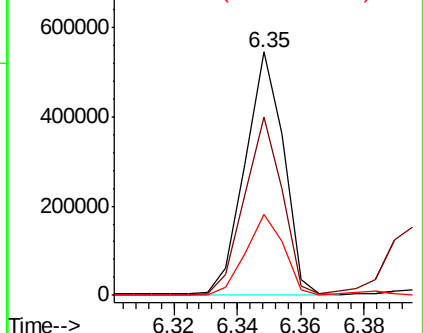
#11
bis(2-Chloroethyl)ether
Concen: 30.994 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion: 93 Resp: 455913
Ion Ratio Lower Upper
93 100
63 73.1 51.5 91.5
95 33.0 13.4 53.4

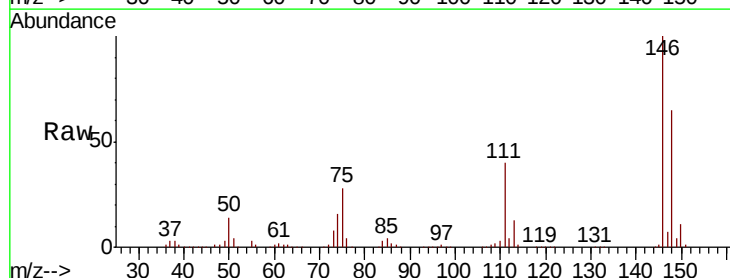


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

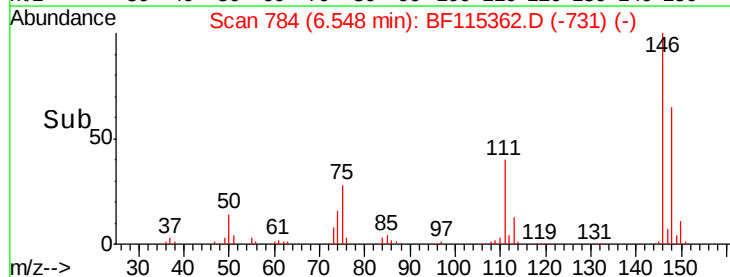
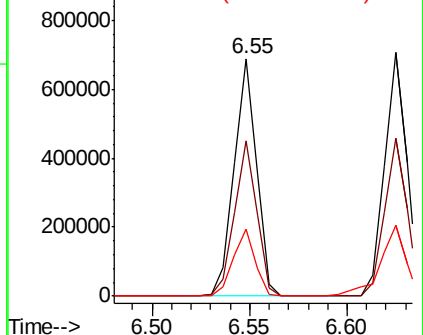


#12
1,3-Dichlorobenzene
Concen: 31.416 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion: 146 Resp: 550253
Ion Ratio Lower Upper
146 100
148 65.4 52.6 78.8
75 28.0 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

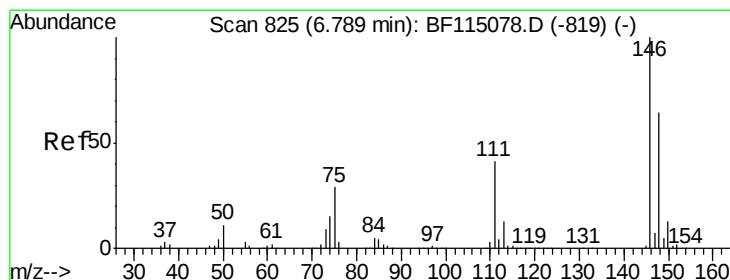
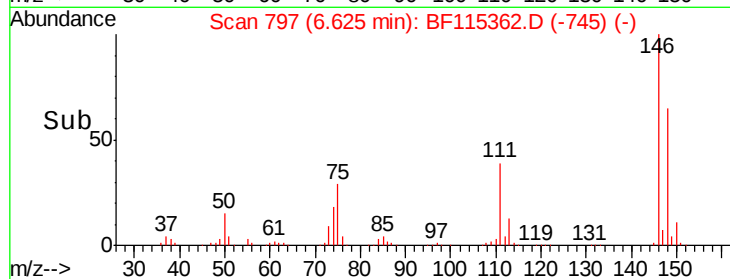
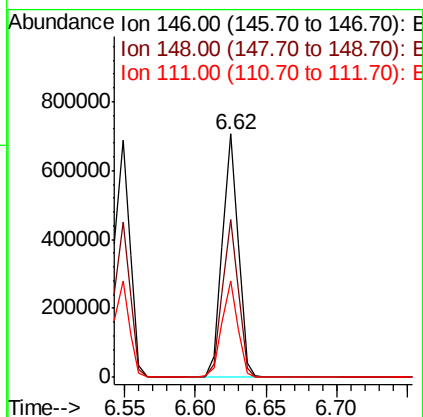
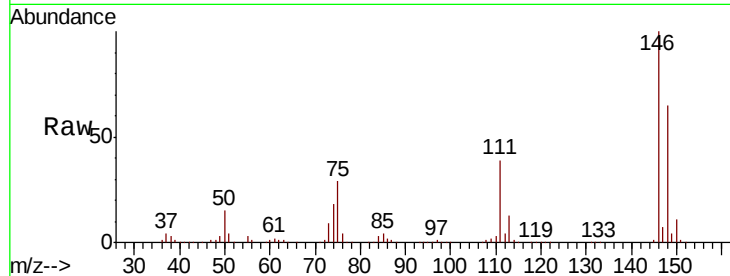




#13
 1,4-Dichlorobenzene
 Concen: 31.794 ng
 RT: 6.62 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

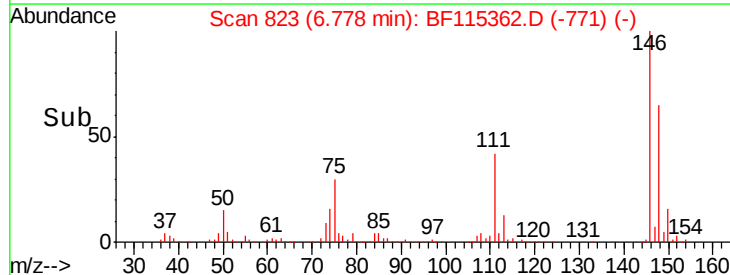
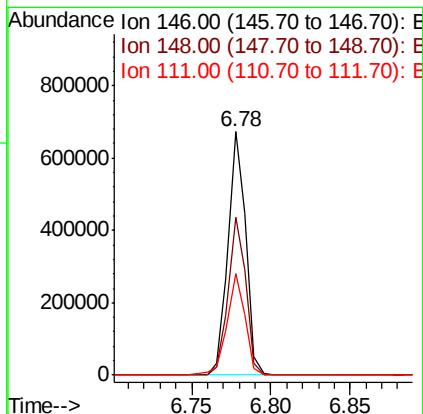
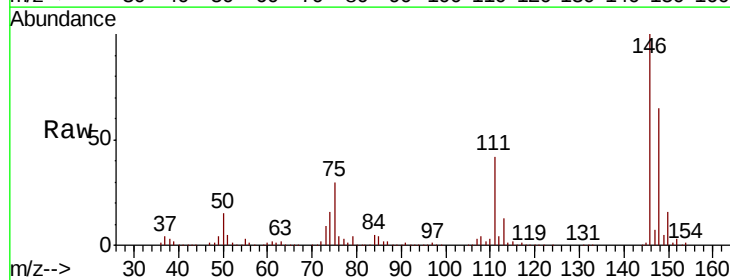
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

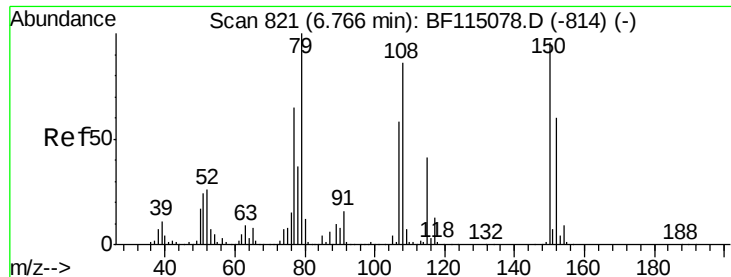
Tgt Ion:146 Resp: 558429
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 39.5 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 32.050 ng
 RT: 6.78 min Scan# 823
 Delta R.T. 0.01 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion:146 Resp: 521297
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 41.7 33.2 49.8





#15

Benzyl Alcohol

Concen: 28.606 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

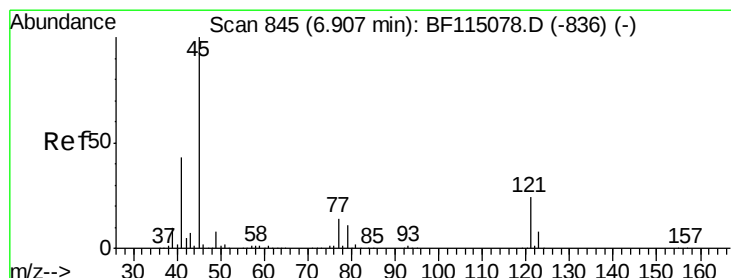
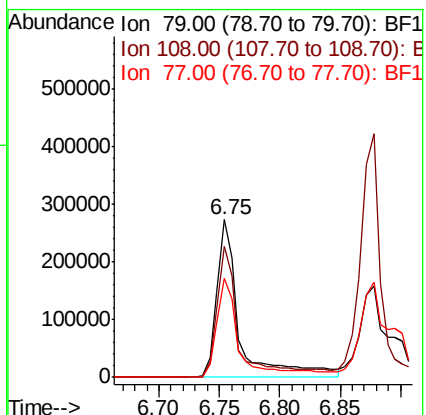
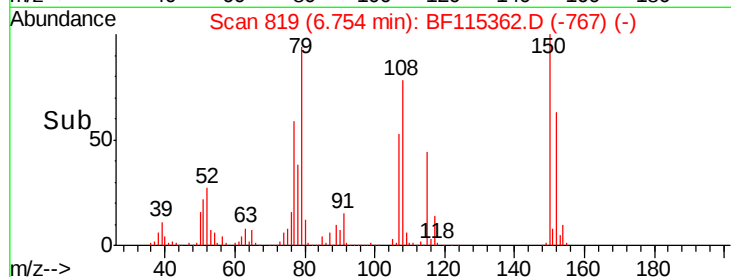
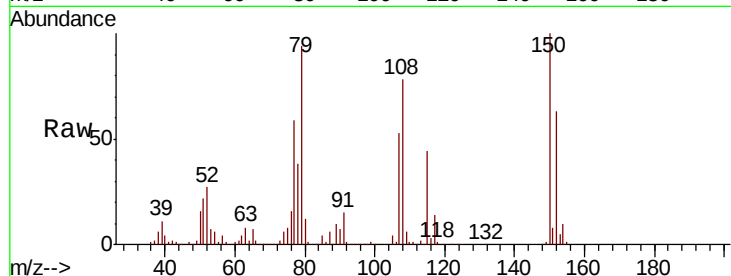
Tgt Ion: 79 Resp: 354856

Ion Ratio Lower Upper

79 100

108 83.0 68.7 103.1

77 62.6 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.976 ng

RT: 6.90 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

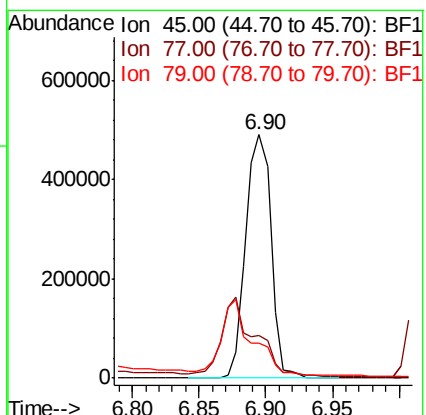
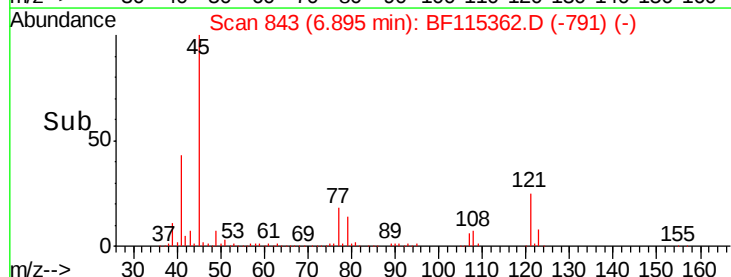
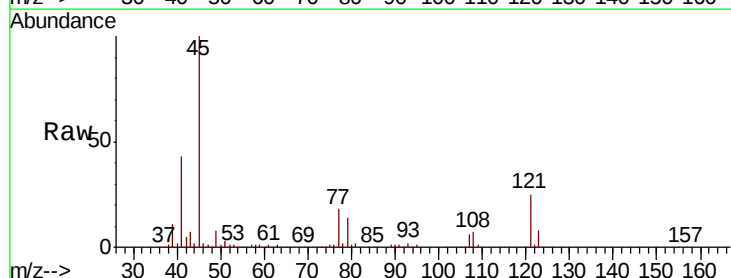
Tgt Ion: 45 Resp: 639515

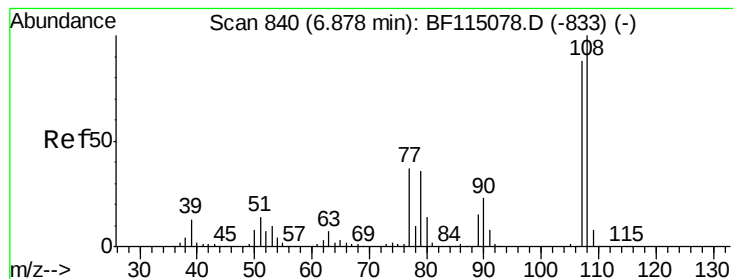
Ion Ratio Lower Upper

45 100

77 17.5 0.0 34.6

79 14.2 0.0 31.2





#17

2-Methylphenol

Concen: 34.217 ng

RT: 6.88 min Scan# 840

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

Tgt Ion:107 Resp: 445734

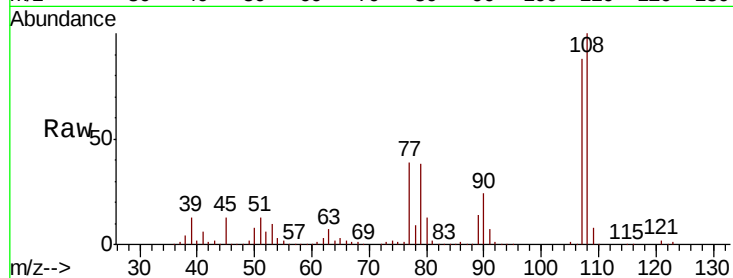
Ion Ratio Lower Upper

107 100

108 113.3 90.9 136.3

77 44.1 33.4 50.2

79 42.7 32.3 48.5

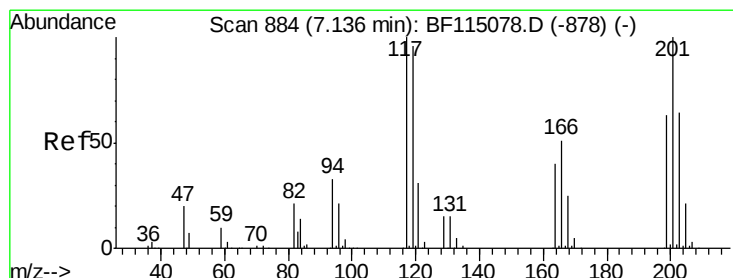
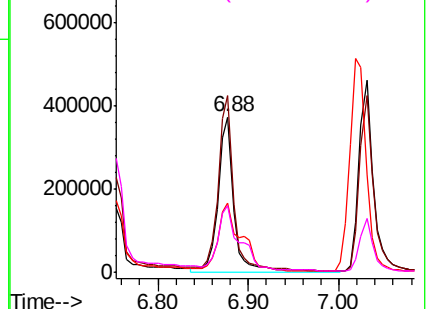
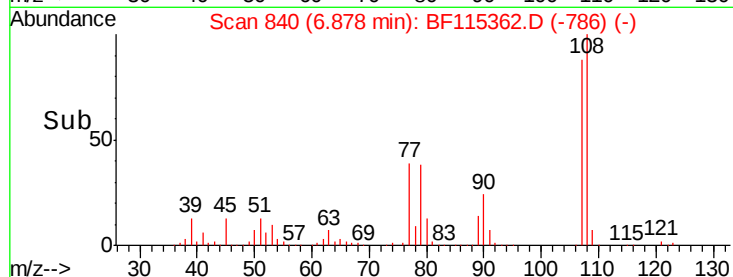


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.327 ng

RT: 7.12 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

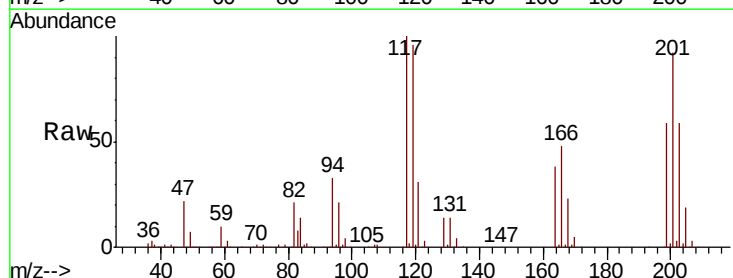
Tgt Ion:117 Resp: 192034

Ion Ratio Lower Upper

117 100

119 95.7 76.6 114.8

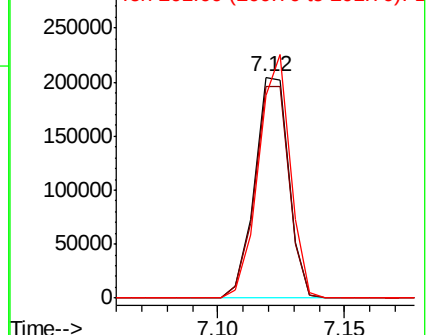
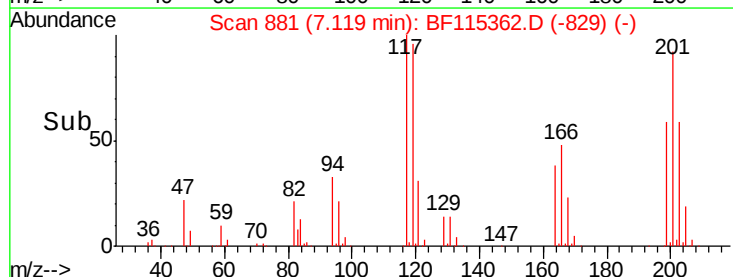
201 91.8 80.2 120.2

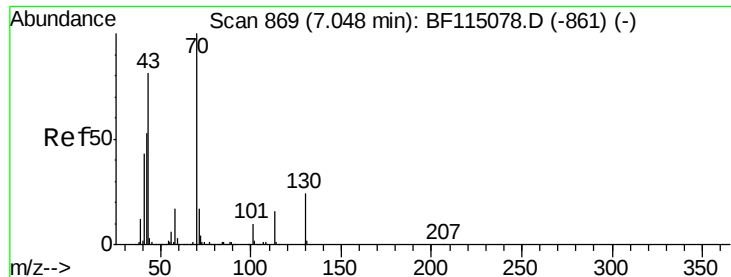


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

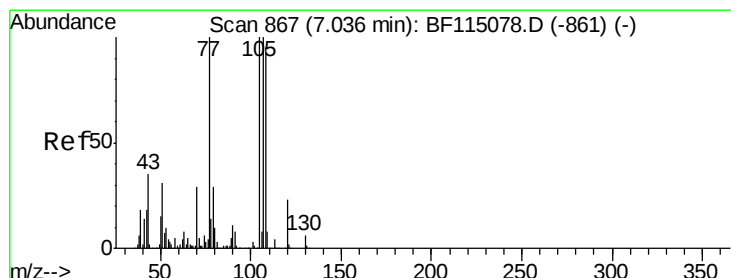
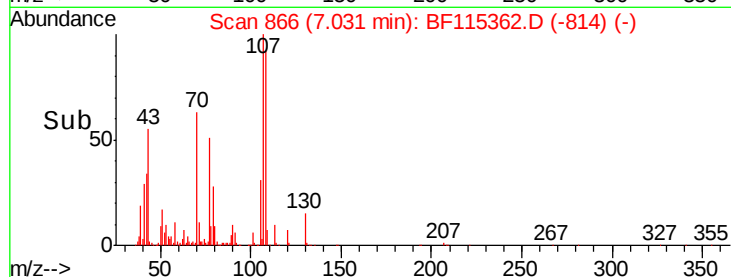
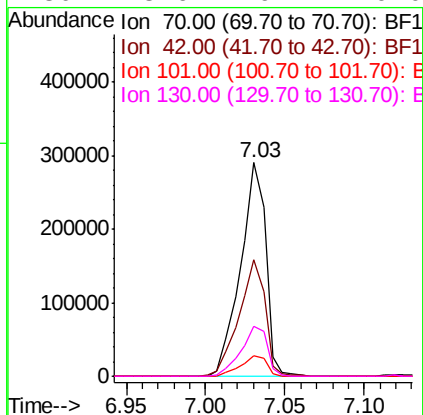
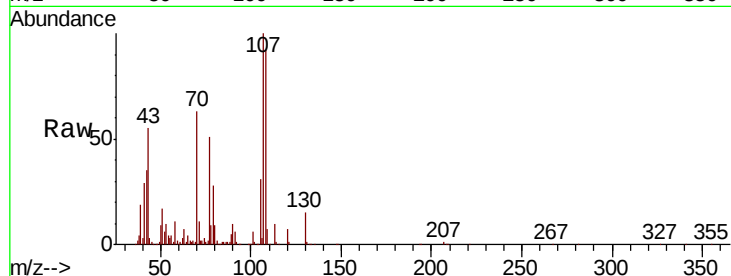




#19
n-Nitroso-di-n-propylamine
Concen: 29.474 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

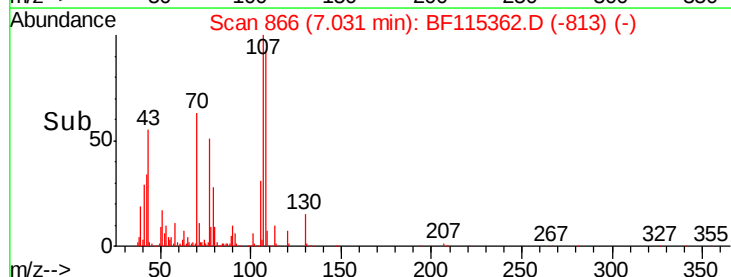
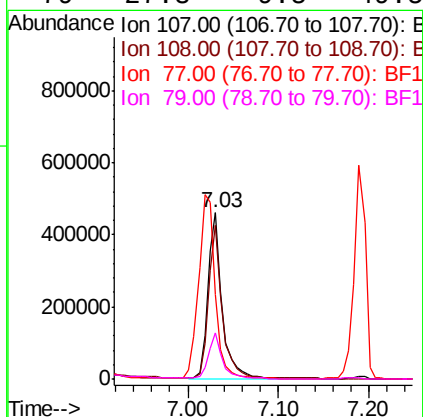
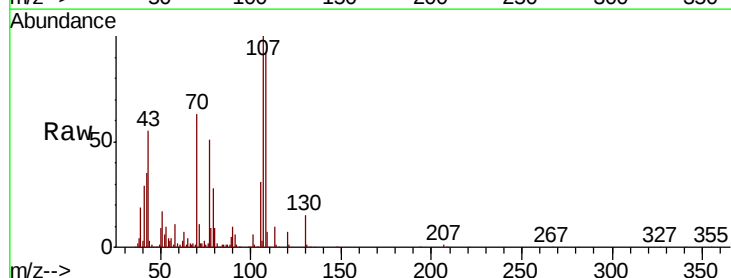
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:	70	Resp:	321452
Ion	Ratio	Lower	Upper
70	100		
42	54.8	42.6	63.8
101	9.7	8.0	12.0
130	23.6	19.4	29.0



#20
3+4-Methylphenols
Concen: 33.714 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:	107	Resp:	507126
Ion	Ratio	Lower	Upper
107	100		
108	92.2	75.5	115.5
77	50.6	80.2	120.2#
79	27.8	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: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

Tgt Ion:136 Resp: 839798

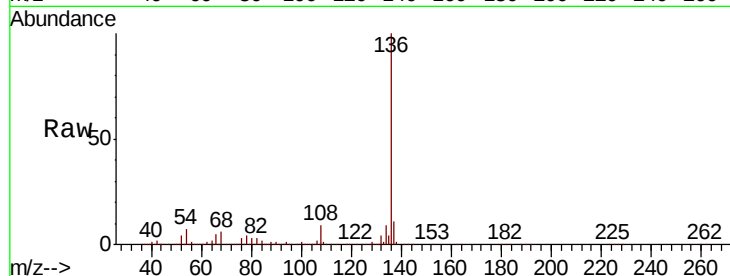
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.1 5.6 8.4

68 6.4 4.8 7.2

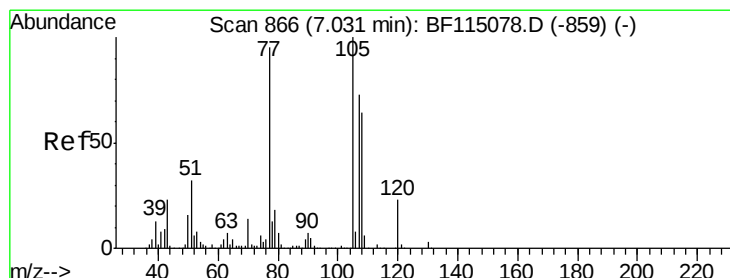
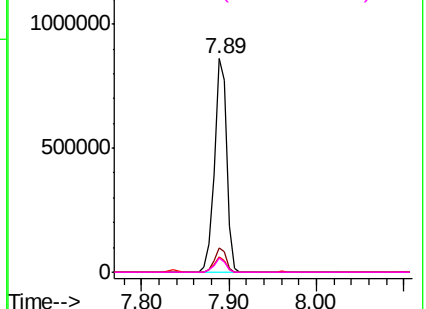
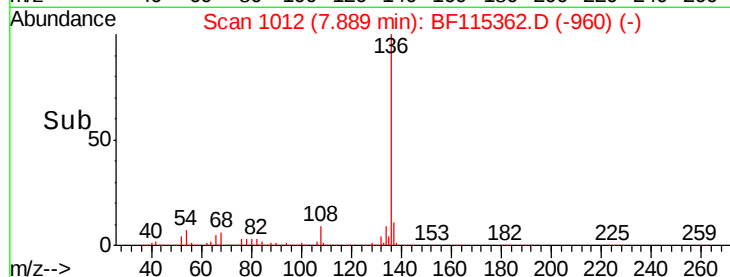


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.945 ng

RT: 7.02 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Tgt Ion:105 Resp: 691062

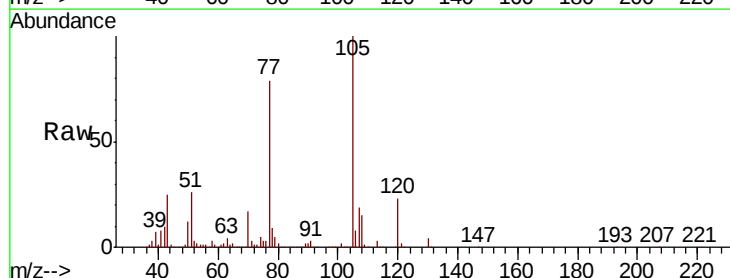
Ion Ratio Lower Upper

105 100

71 2.9 1.9 2.9#

51 25.8 25.8 38.8

120 23.2 18.5 27.7

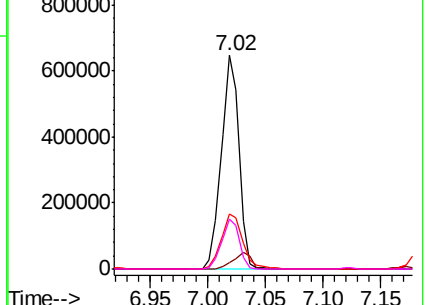
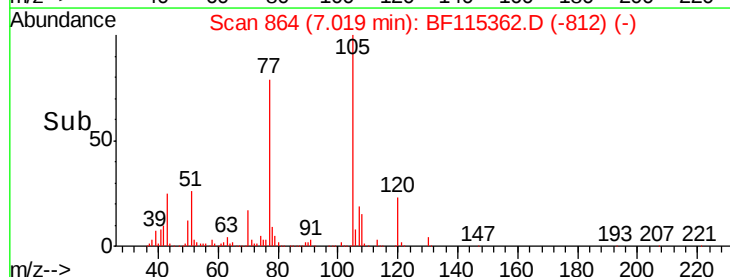


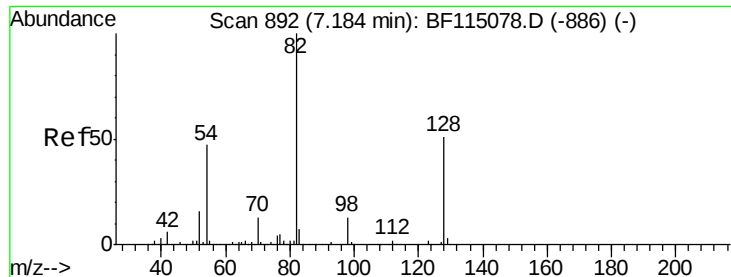
Abundance Ion 105.00 (104.70 to 105.70): E

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

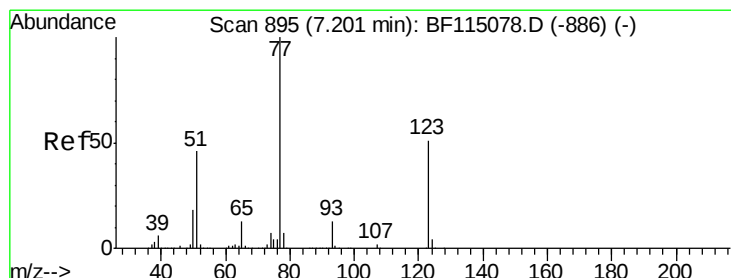
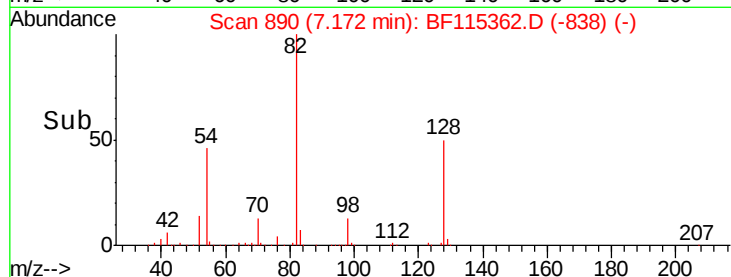
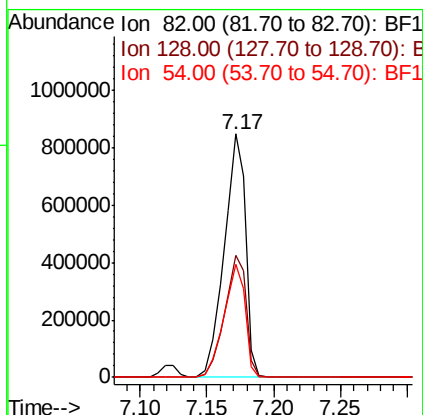
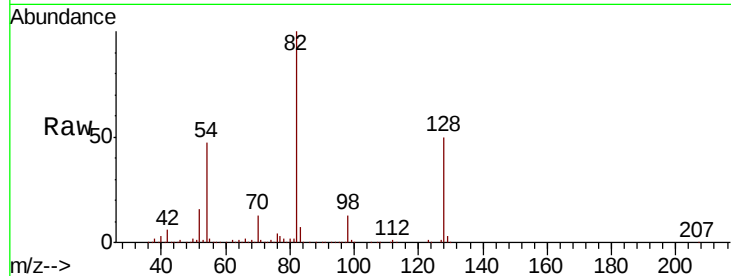




#23
 Nitrobenzene-d5
 Concen: 70.268 ng
 RT: 7.17 min Scan# 890
 Delta R.T. 0.01 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

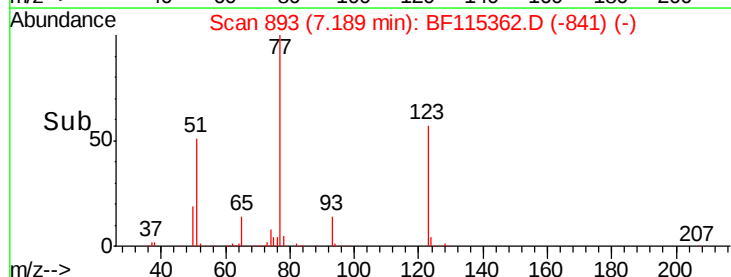
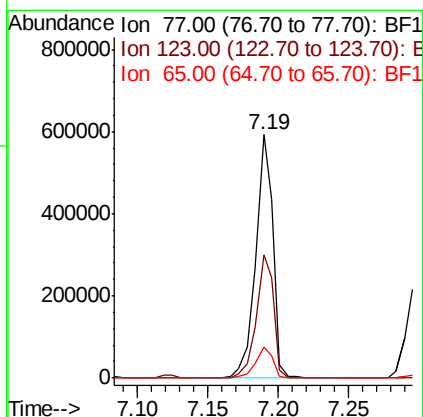
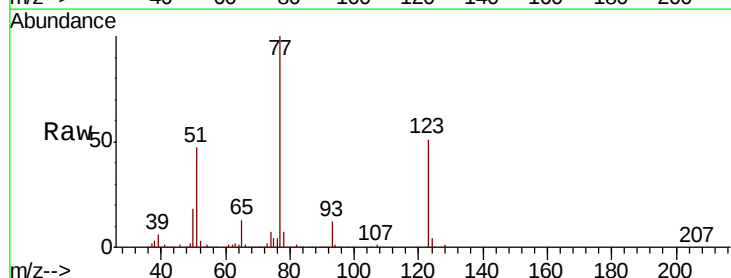
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion: 82 Resp: 959281
 Ion Ratio Lower Upper
 82 100
 128 49.9 40.4 60.6
 54 46.6 37.5 56.3



#24
 Nitrobenzene
 Concen: 33.529 ng
 RT: 7.19 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion: 77 Resp: 504279
 Ion Ratio Lower Upper
 77 100
 123 50.6 41.0 61.6
 65 13.0 10.5 15.7





#25

Isophorone

Concen: 32.500 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

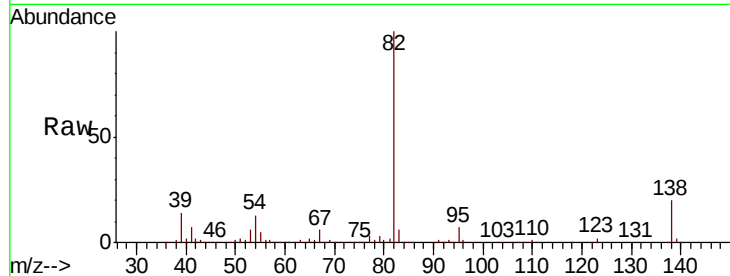
Tgt Ion: 82 Resp: 908911

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

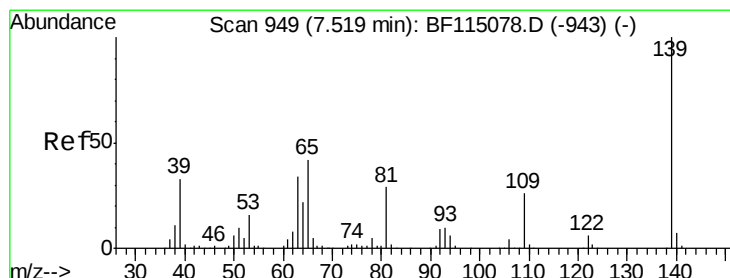
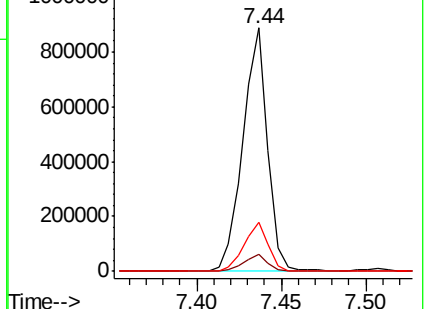
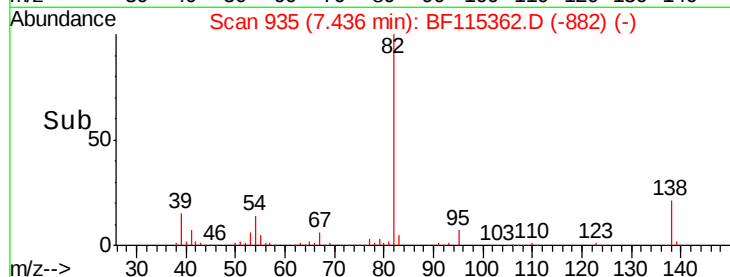
138 20.0 15.9 23.9



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: 38.285 ng

RT: 7.51 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

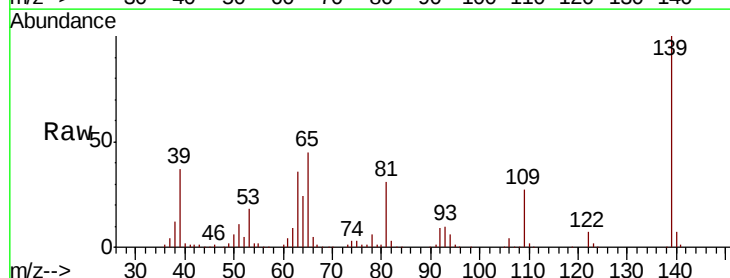
Tgt Ion: 139 Resp: 284358

Ion Ratio Lower Upper

139 100

109 26.8 20.4 30.6

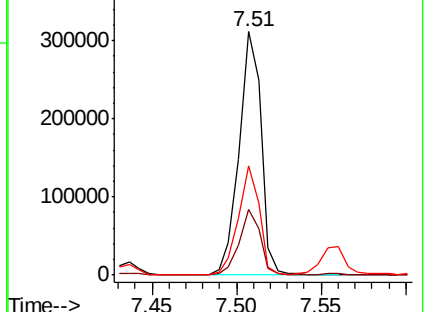
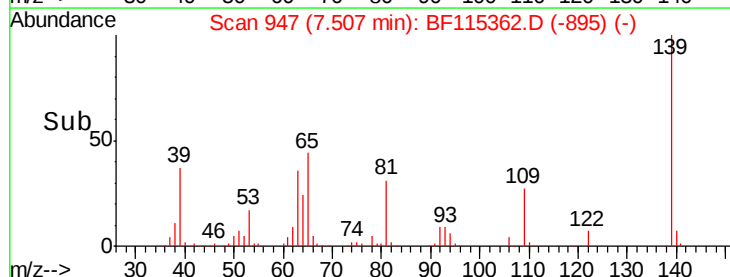
65 44.8 33.6 50.4

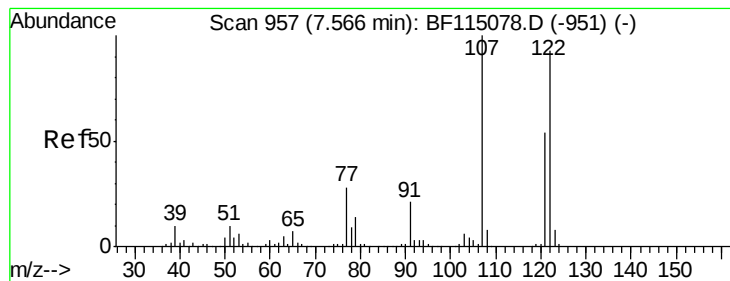


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.658 ng

RT: 7.56 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

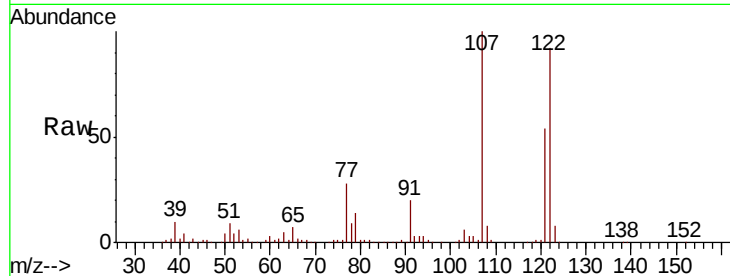
Tgt Ion:122 Resp: 445795

Ion Ratio Lower Upper

122 100

107 108.5 85.8 128.6

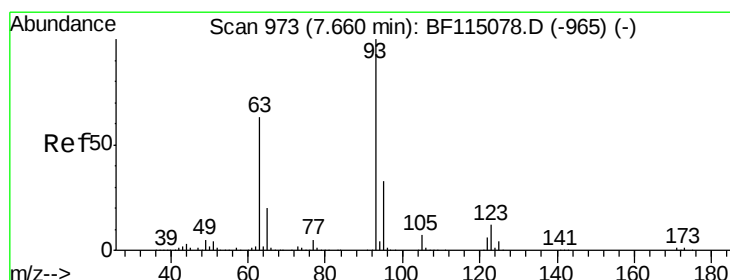
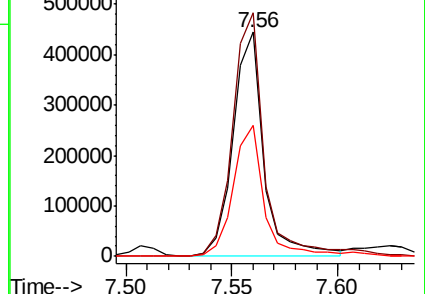
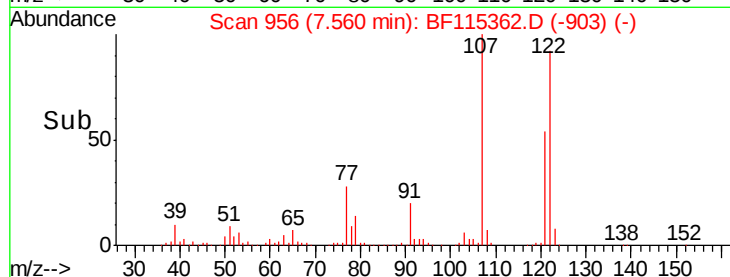
121 58.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.743 ng

RT: 7.65 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

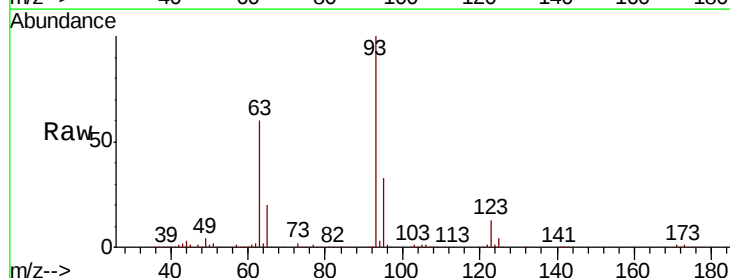
Tgt Ion: 93 Resp: 578761

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

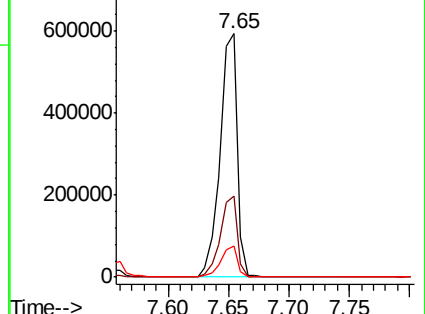
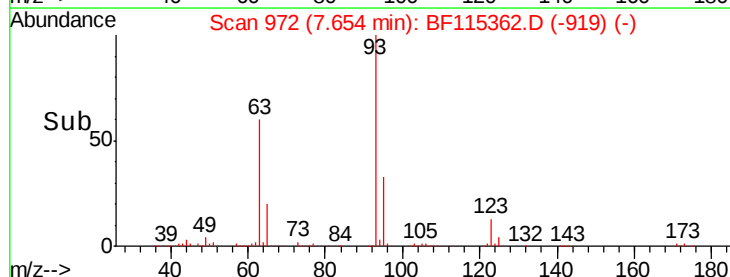
123 12.6 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

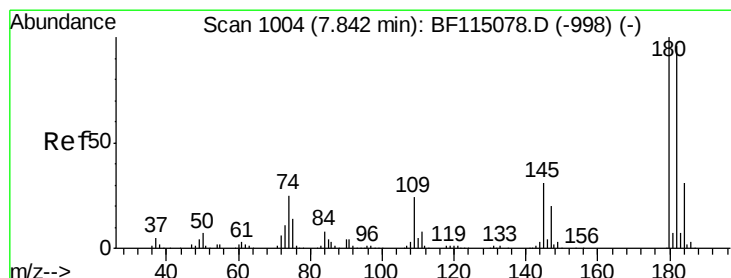
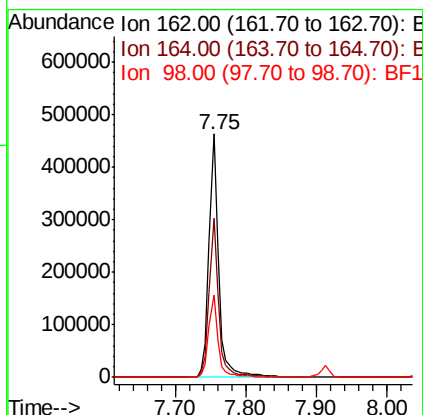
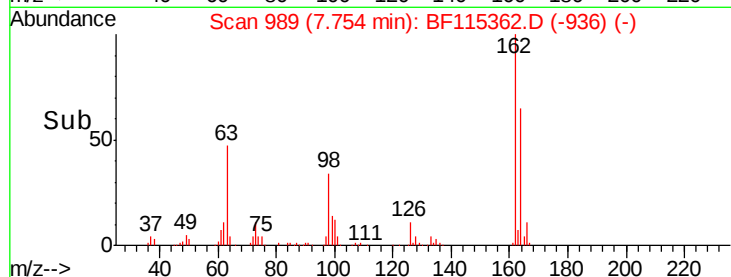
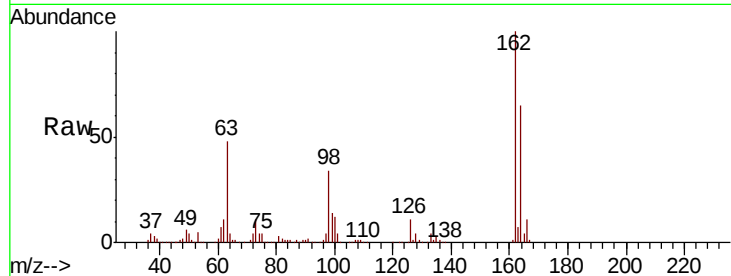




#29
2,4-Dichlorophenol
Concen: 35.246 ng
RT: 7.75 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

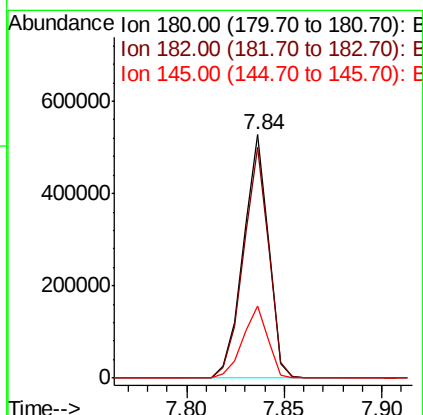
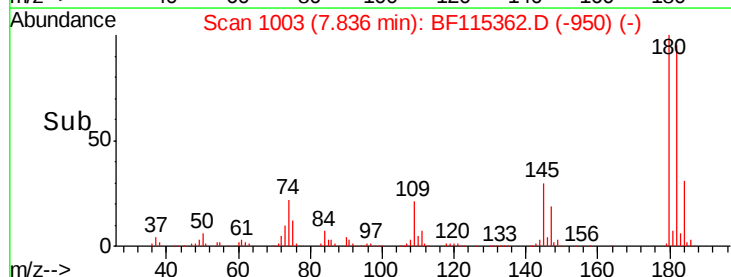
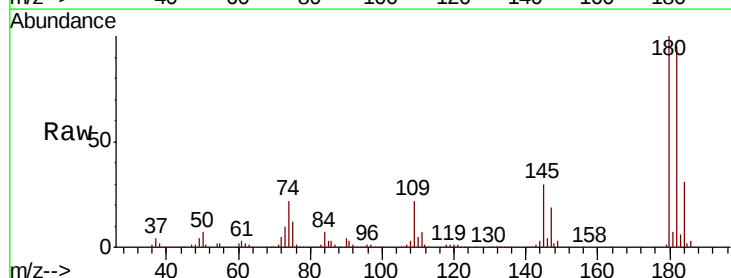
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

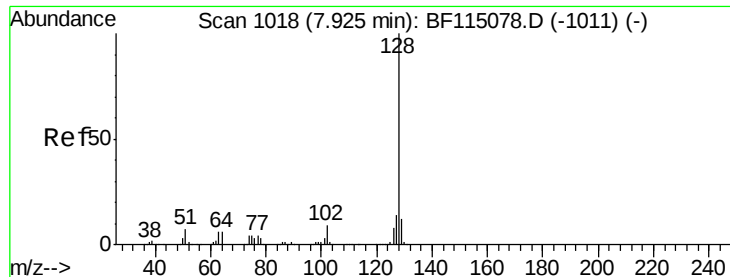
Tgt Ion:162 Resp: 442331
Ion Ratio Lower Upper
162 100
164 65.1 45.3 85.3
98 33.8 12.5 52.5



#30
1,2,4-Trichlorobenzene
Concen: 34.081 ng
RT: 7.84 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:180 Resp: 472436
Ion Ratio Lower Upper
180 100
182 94.9 76.4 114.6
145 29.7 24.8 37.2

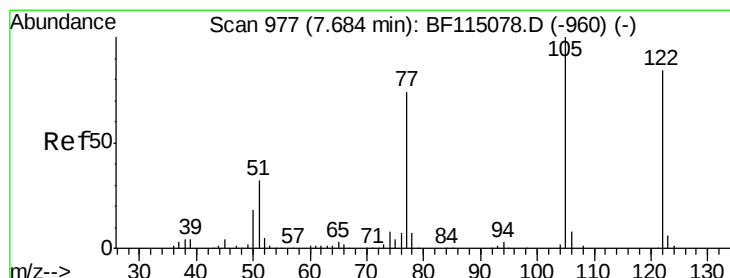
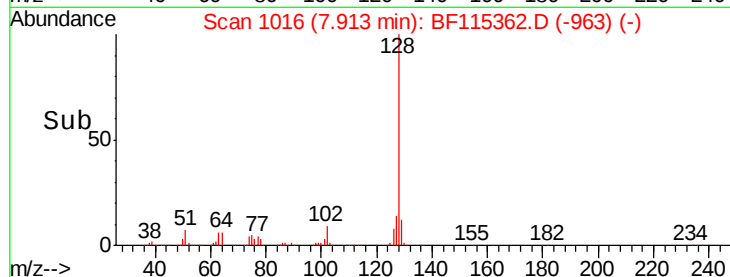
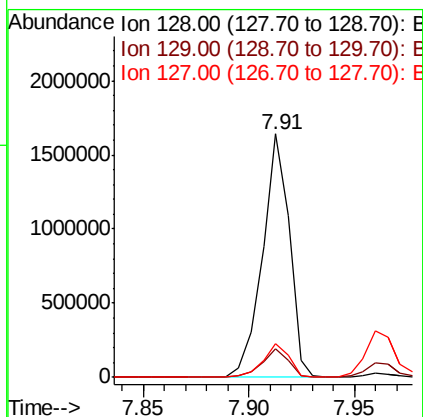
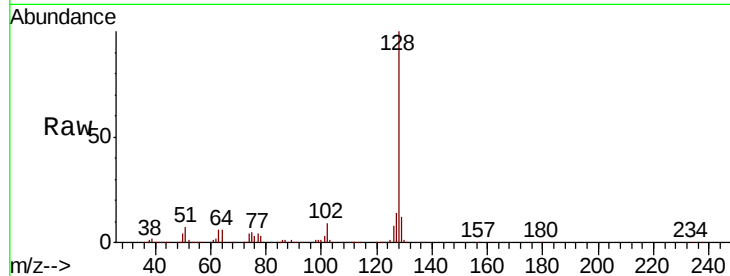




#31
Naphthalene
Concen: 35.290 ng
RT: 7.91 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

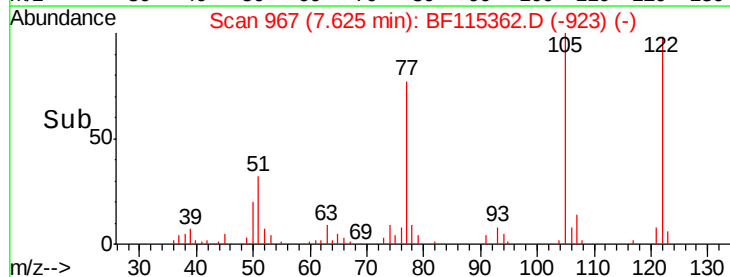
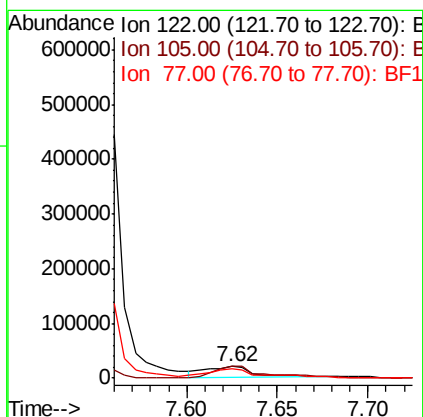
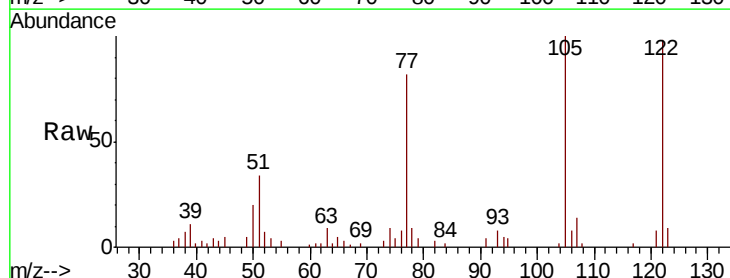
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

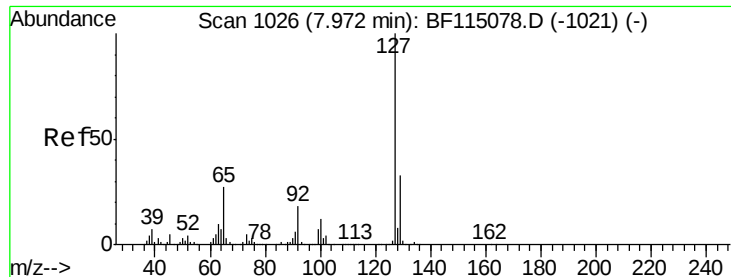
Tgt Ion:128 Resp: 1454772
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 4.278 ng
RT: 7.62 min Scan# 967
Delta R.T. -0.04 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:122 Resp: 37138
Ion Ratio Lower Upper
122 100
105 101.9 98.2 138.2
77 83.7 67.0 107.0

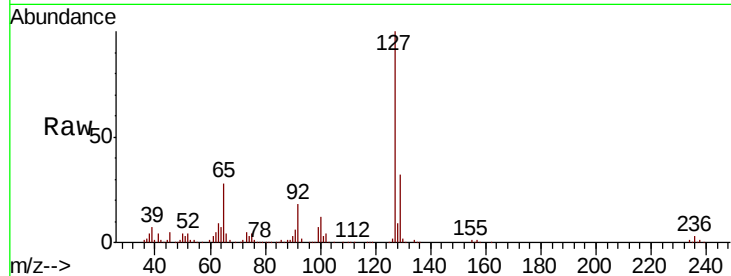




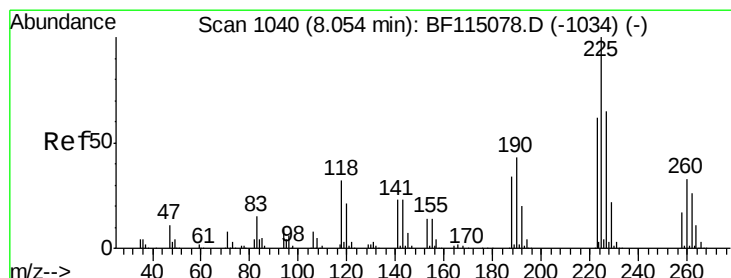
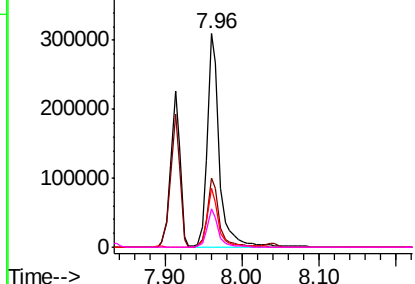
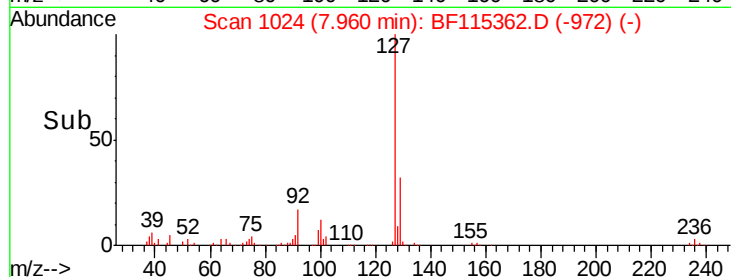
#33
4-Chloroaniline
Concen: 17.937 ng
RT: 7.96 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:	127	Resp:	337931
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	27.6	21.4	32.2
92	18.2	14.1	21.1

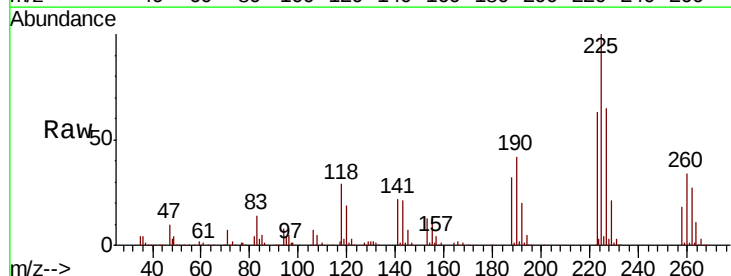


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

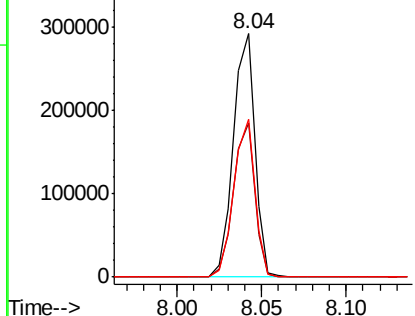
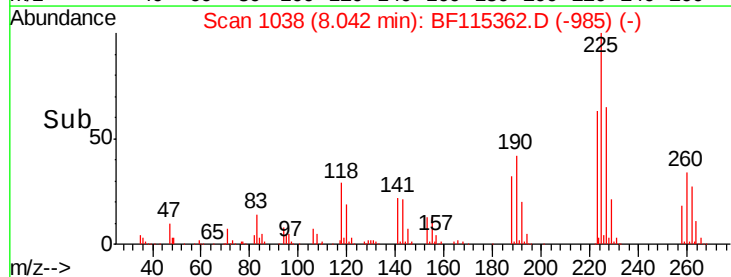


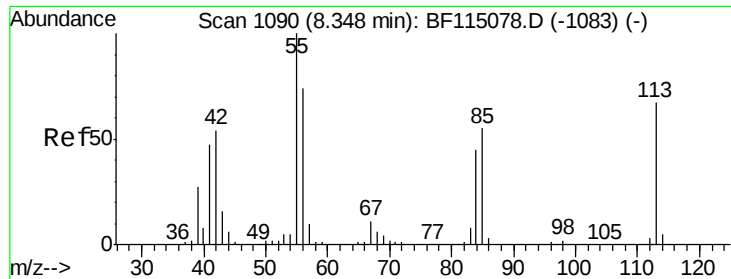
#34
Hexachlorobutadiene
Concen: 33.890 ng
RT: 8.04 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:	225	Resp:	257446
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	64.9	51.8	77.8



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

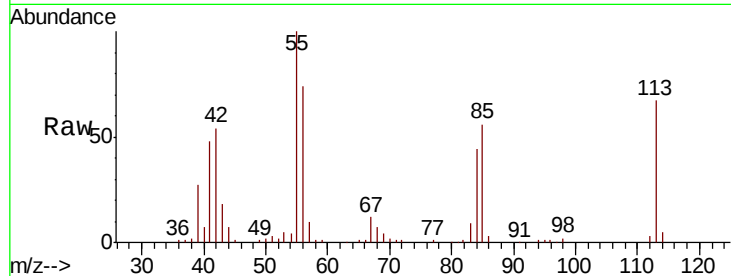




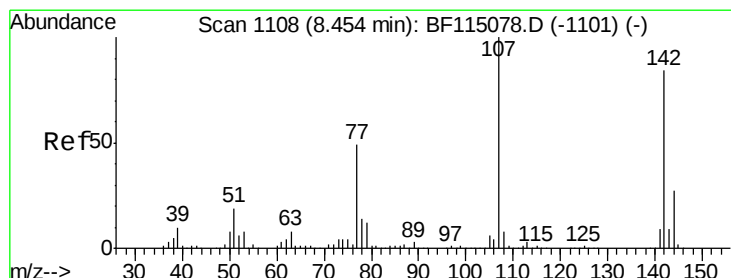
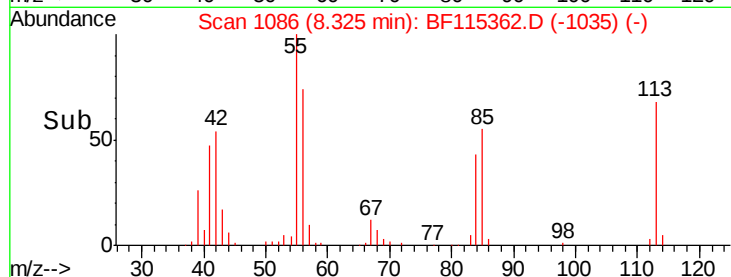
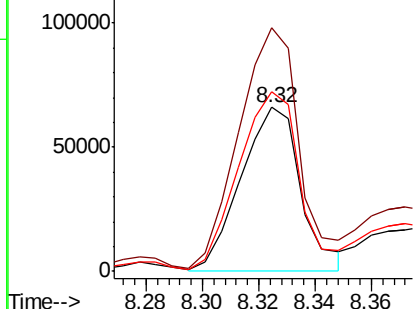
#35
 Caprolactam
 Concen: 22.968 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion:113 Resp: 96909
 Ion Ratio Lower Upper
 113 100
 55 148.6 130.2 170.2
 56 109.9 91.6 131.6

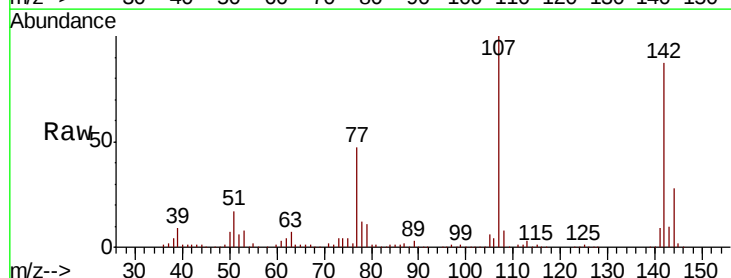


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

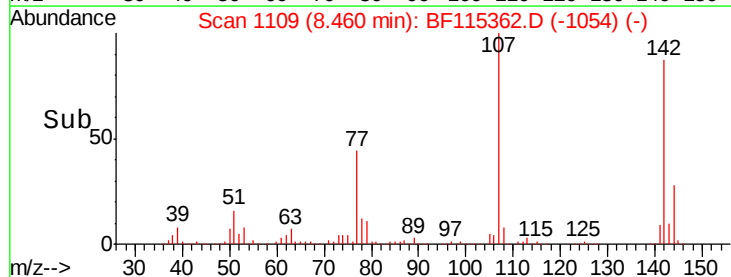
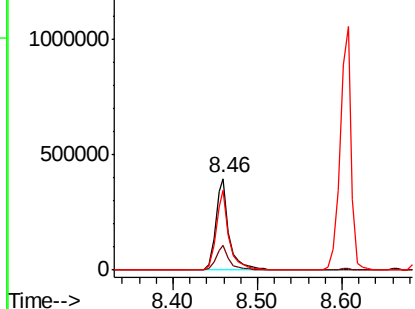


#36
 4-Chloro-3-methylphenol
 Concen: 34.803 ng
 RT: 8.46 min Scan# 1109
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion:107 Resp: 442333
 Ion Ratio Lower Upper
 107 100
 144 27.8 21.7 32.5
 142 86.7 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

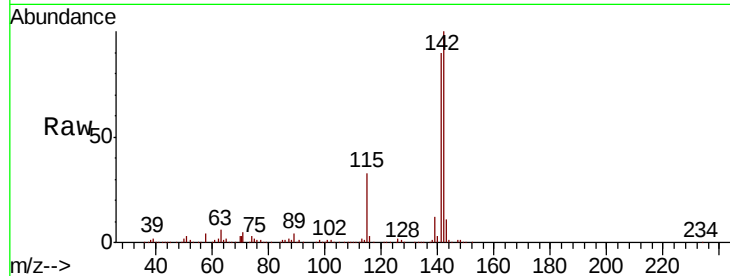




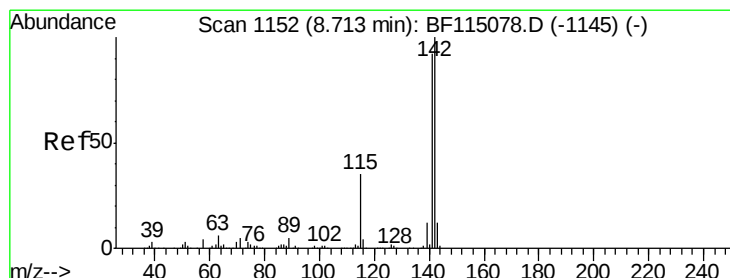
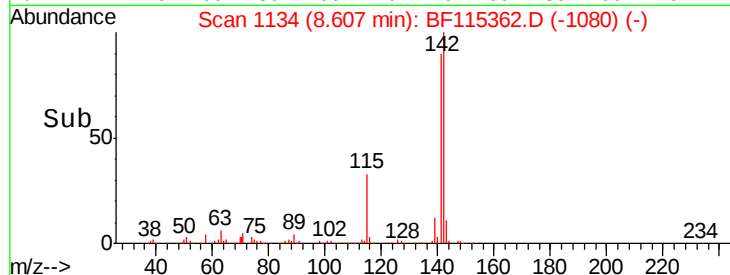
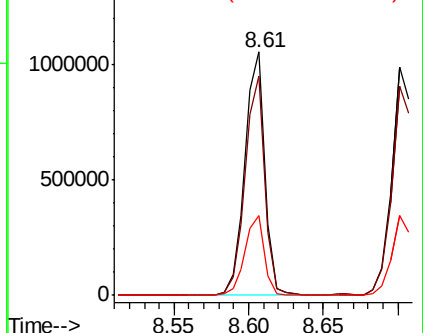
#37
2-Methylnaphthalene
Concen: 35.035 ng
RT: 8.61 min Scan# 1134
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:142 Resp: 973796
Ion Ratio Lower Upper
142 100
141 89.8 69.8 104.6
115 32.6 26.7 40.1

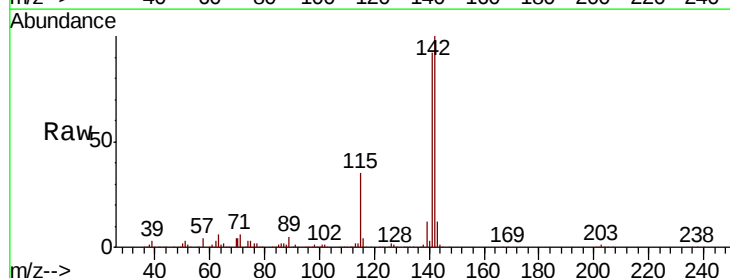


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

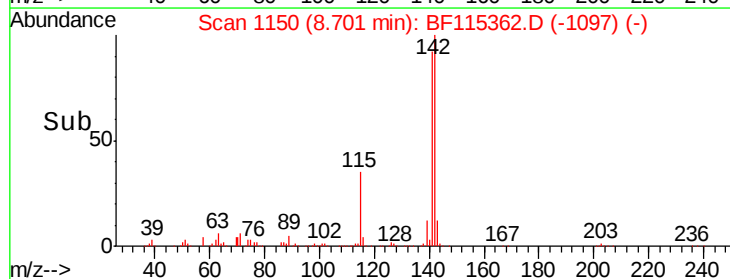
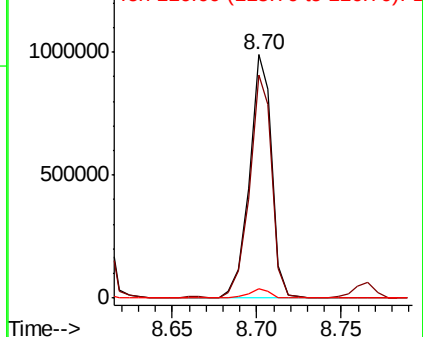


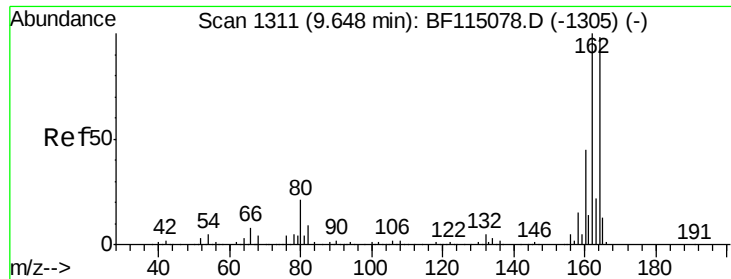
#38
1-Methylnaphthalene
Concen: 34.243 ng
RT: 8.70 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:142 Resp: 909020
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.8
116 3.6 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

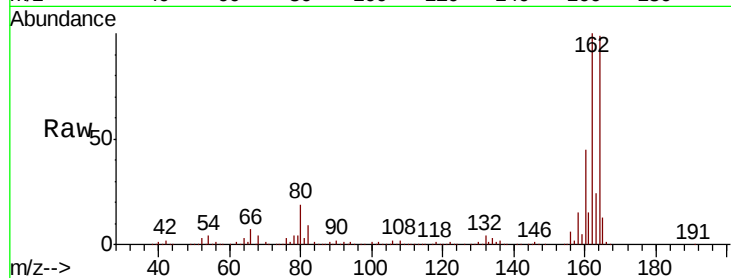




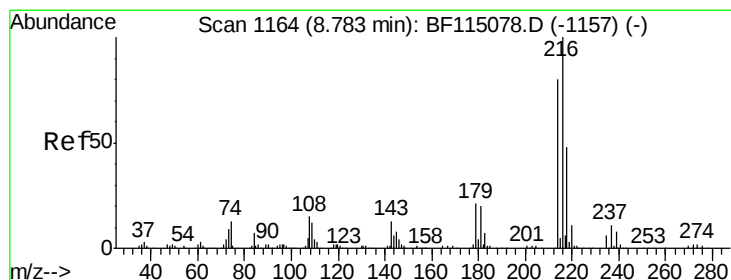
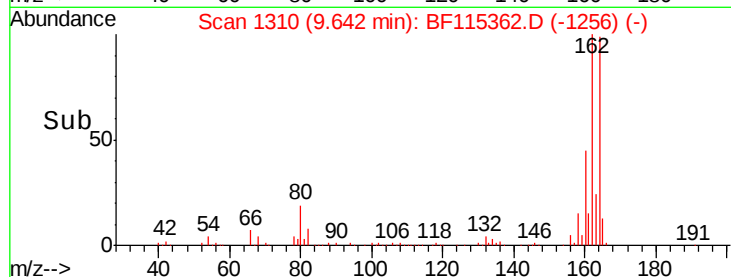
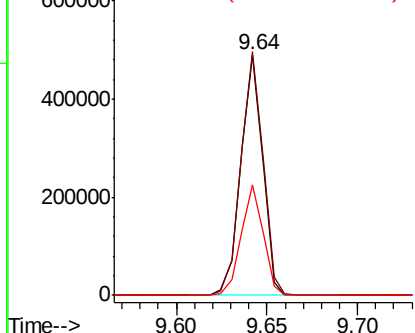
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:164 Resp: 409407
Ion Ratio Lower Upper
164 100
162 101.3 81.7 122.5
160 45.7 37.0 55.4

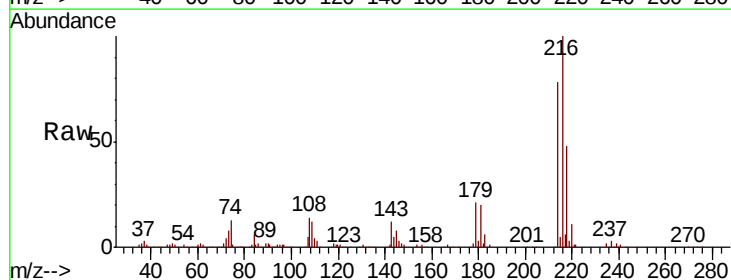


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

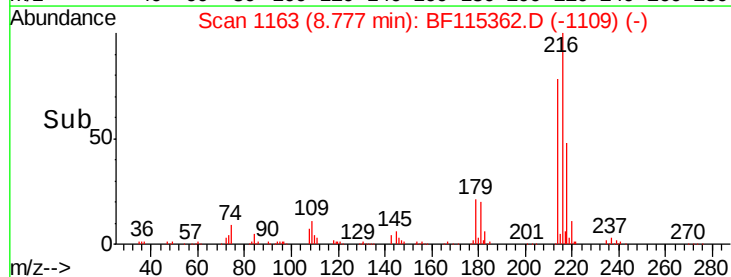
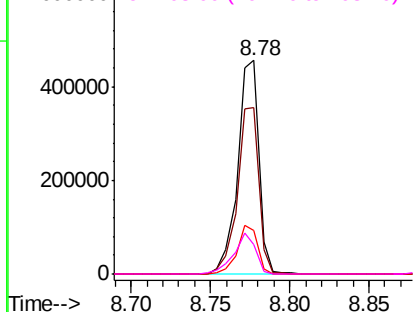


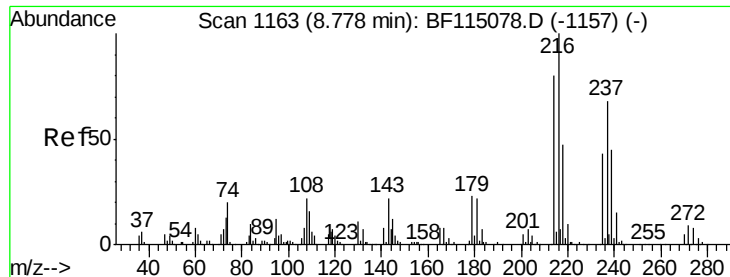
#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.601 ng
RT: 8.78 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:216 Resp: 423447
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 22.1 17.6 26.4
108 20.0 15.7 23.5



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

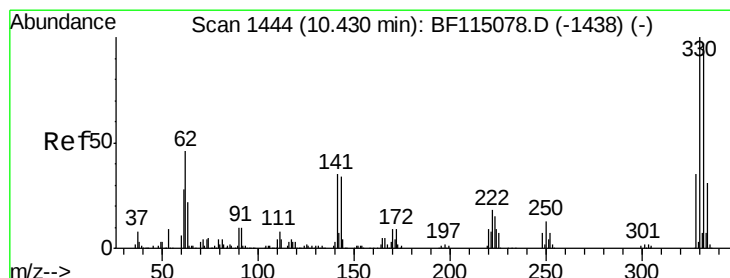
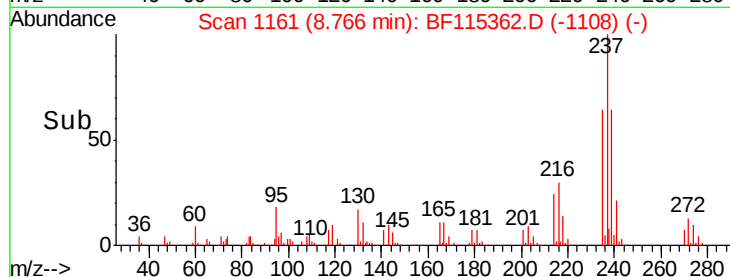
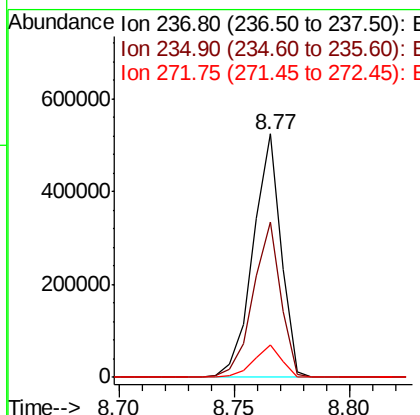
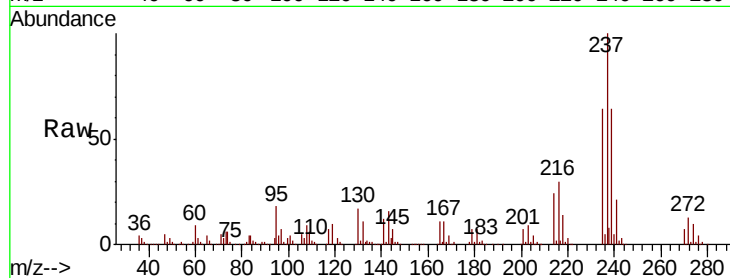




#41
Hexachlorocyclopentadiene
Concen: 64.709 ng
RT: 8.77 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

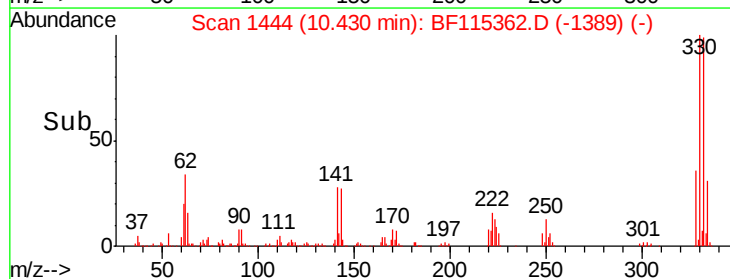
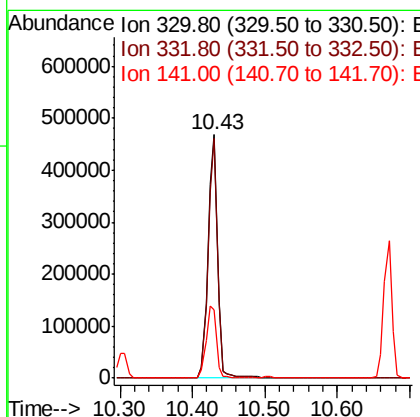
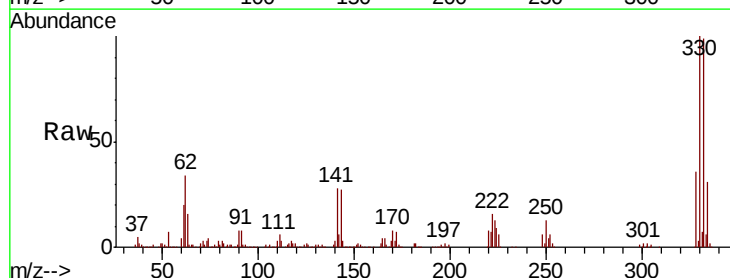
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion: 237 Resp: 443910
Ion Ratio Lower Upper
237 100
235 63.5 43.9 83.9
272 13.4 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 99.584 ng
RT: 10.43 min Scan# 1444
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion: 330 Resp: 429938
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 32.6 28.2 42.2

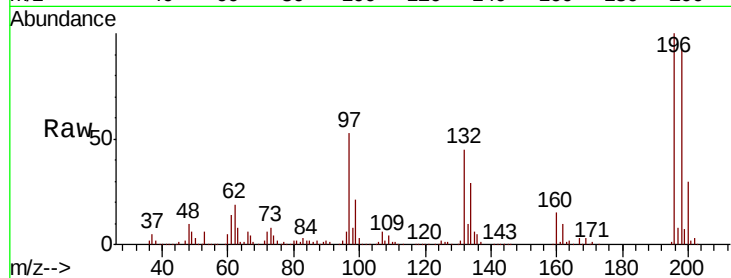




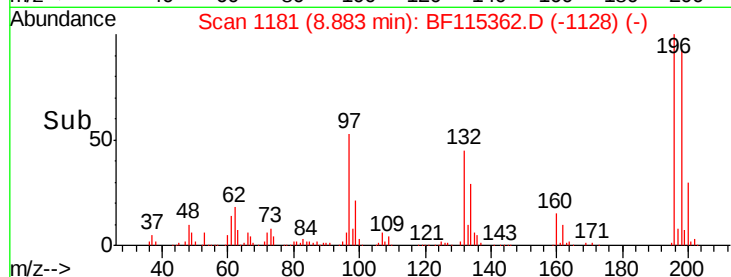
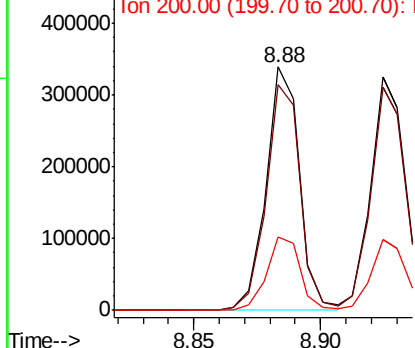
#43
 2,4,6-Trichlorophenol
 Concen: 35.065 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion:196 Resp: 313194
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.3 114.5
 200 30.2 24.2 36.4



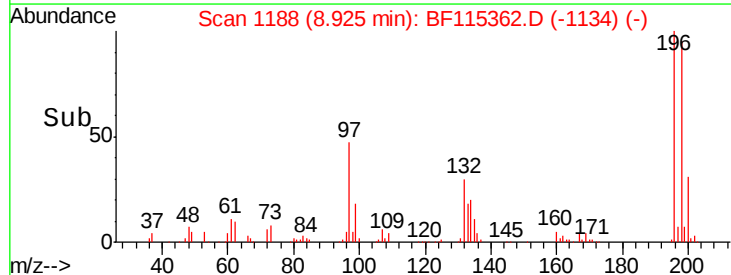
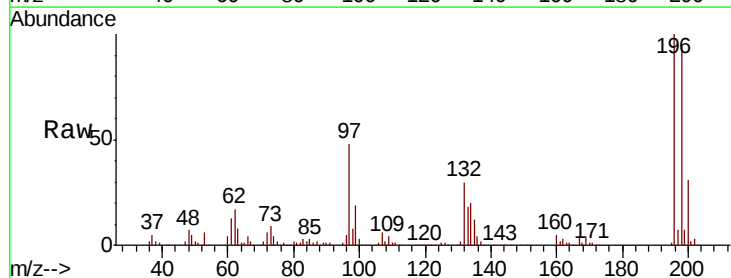
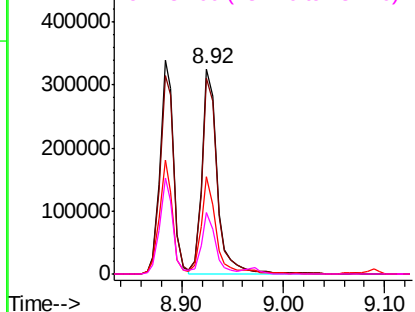
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

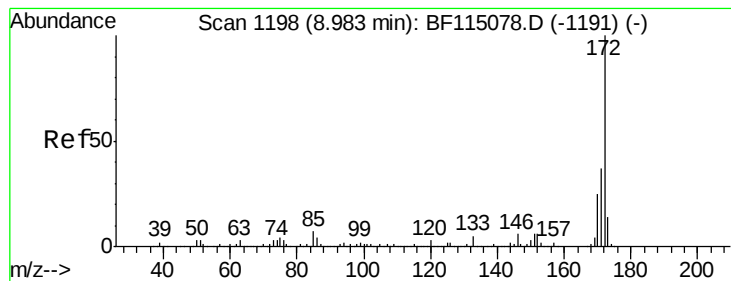


#44
 2,4,5-Trichlorophenol
 Concen: 37.083 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion:196 Resp: 341092
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.1 115.7
 97 47.7 37.7 56.5
 132 29.9 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: 67.013 ng

RT: 8.97 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

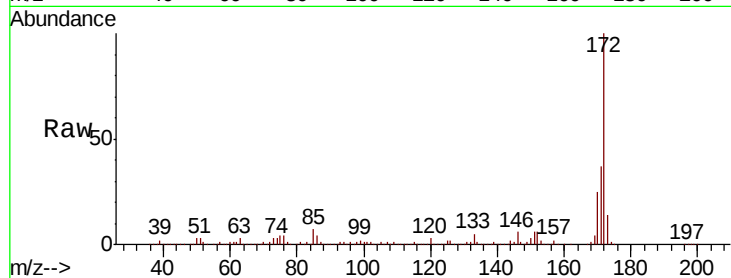
Tgt Ion:172 Resp: 1615173

Ion Ratio Lower Upper

172 100

171 37.0 29.8 44.6

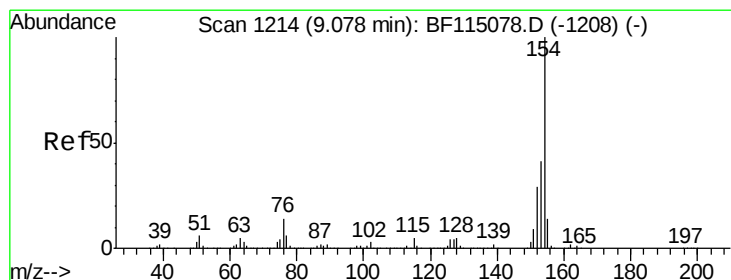
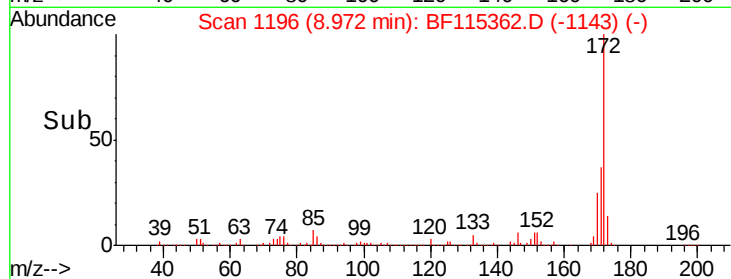
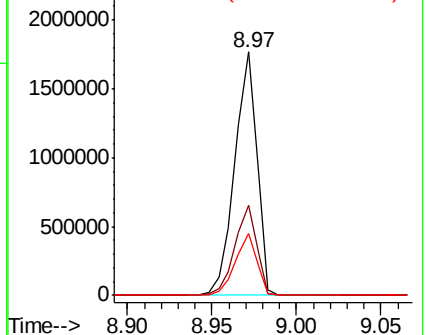
170 25.2 20.3 30.5



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: 35.034 ng

RT: 9.07 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

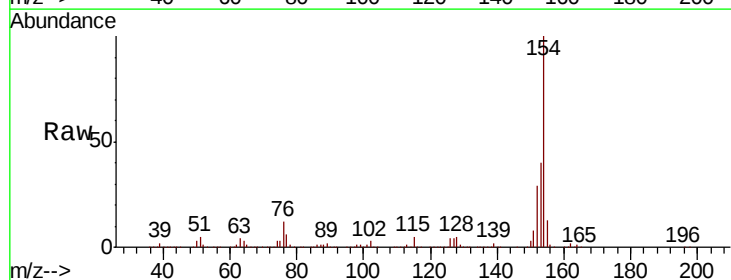
Tgt Ion:154 Resp: 1147655

Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

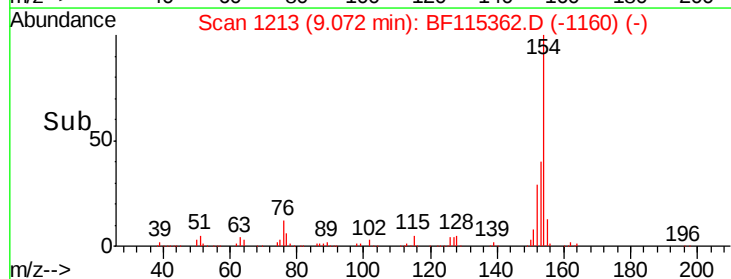
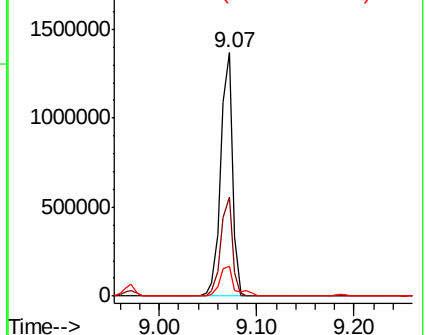
76 12.0 0.0 34.1

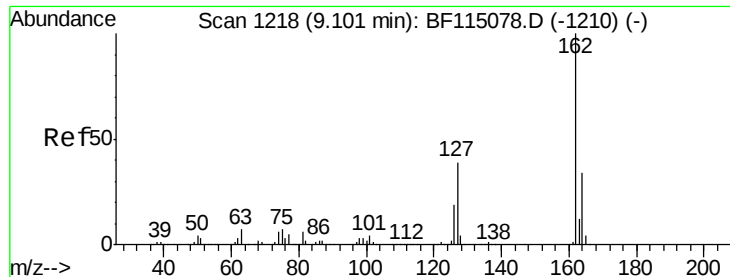


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

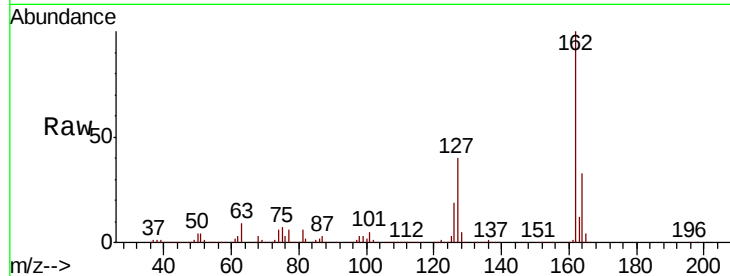




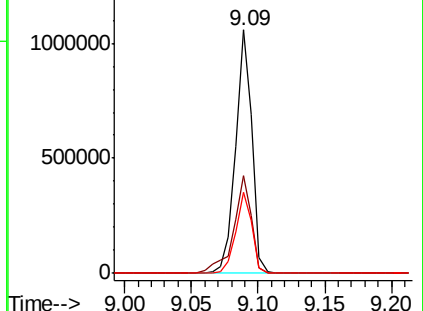
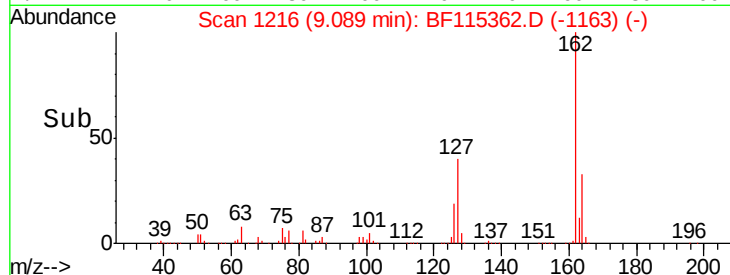
#47
2-Chloronaphthalene
Concen: 34.250 ng
RT: 9.09 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion: 162 Resp: 910088
Ion Ratio Lower Upper
162 100
127 40.3 30.8 46.2
164 33.5 27.0 40.4

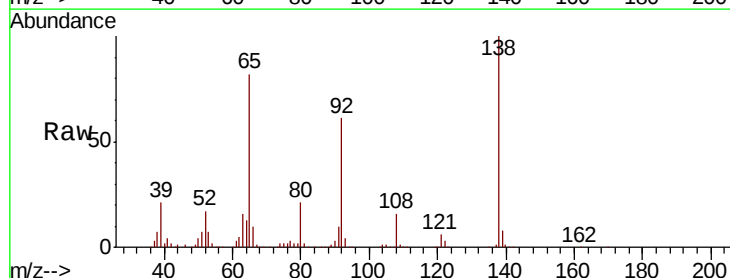


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

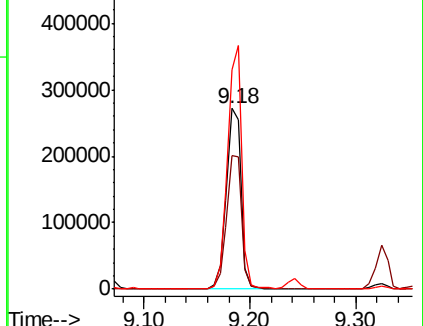
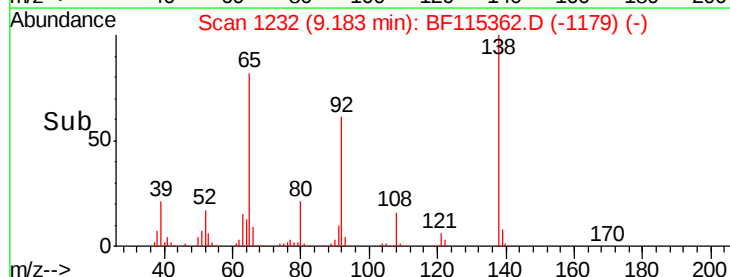


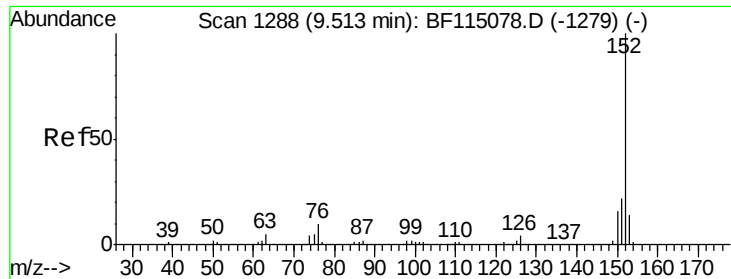
#48
2-Nitroaniline
Concen: 34.237 ng
RT: 9.18 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion: 65 Resp: 265227
Ion Ratio Lower Upper
65 100
92 74.2 57.4 86.2
138 121.7 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: 34.700 ng

RT: 9.50 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

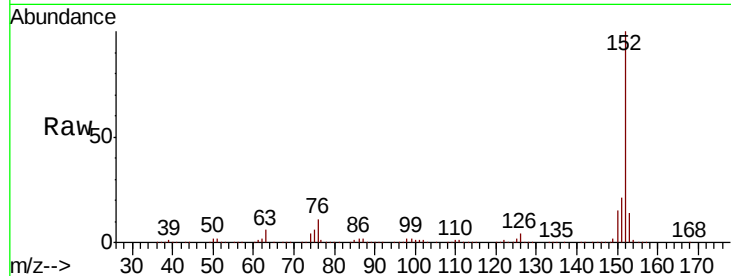
Tgt Ion:152 Resp: 1436588

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

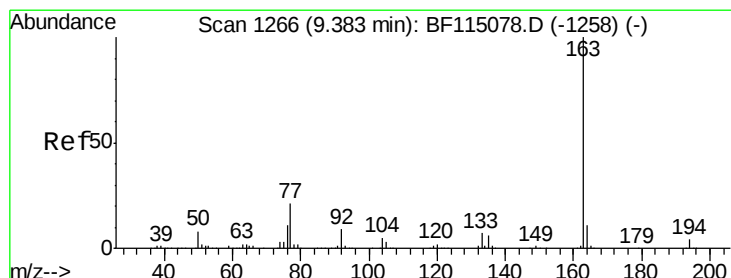
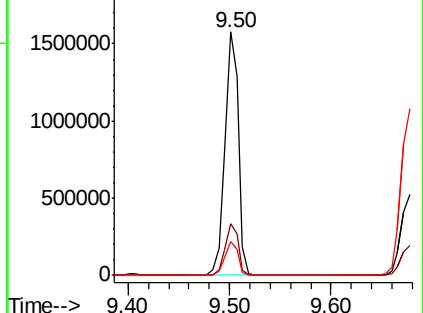
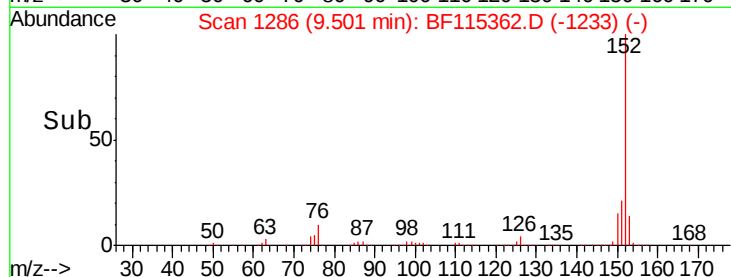
153 14.1 11.0 16.6



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: 51.543 ng

RT: 9.38 min Scan# 1265

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

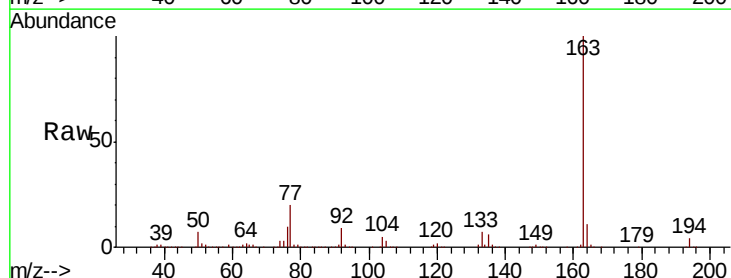
Tgt Ion:163 Resp: 1552520

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

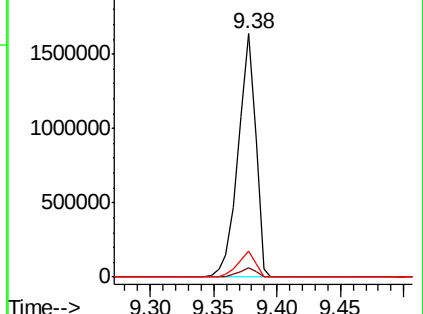
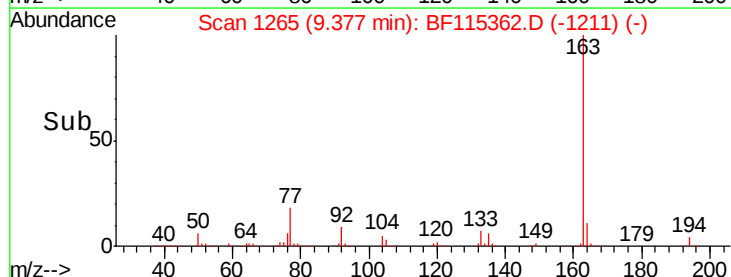
164 10.5 8.6 13.0

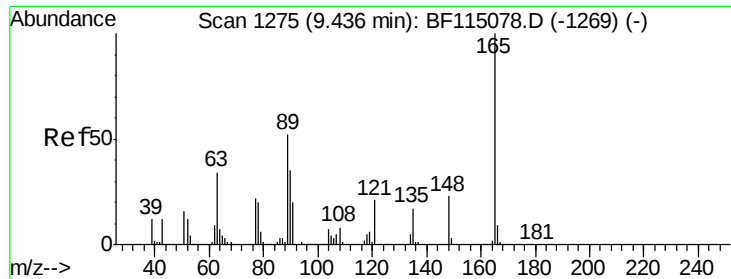


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

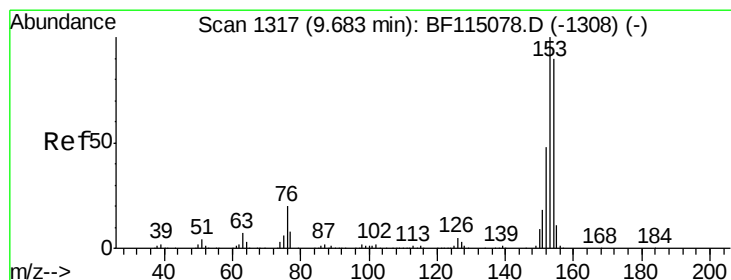
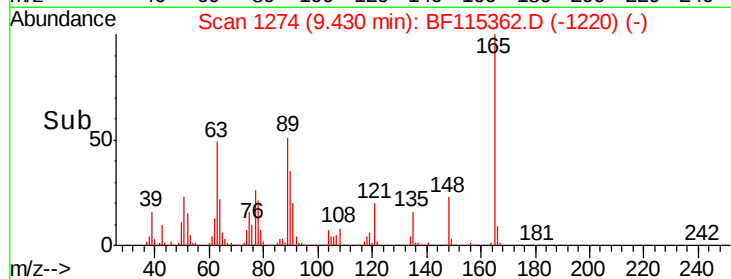
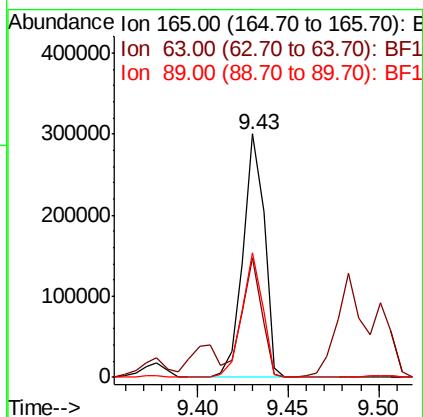
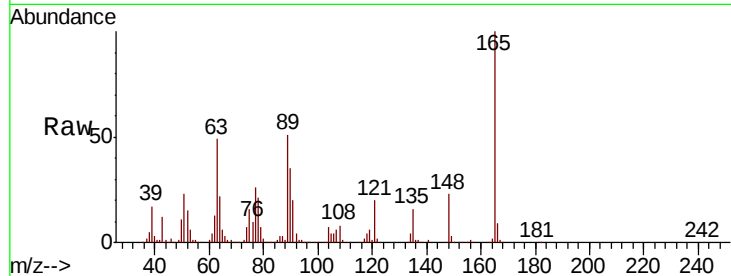




#51
 2,6-Dinitrotoluene
 Concen: 35.495 ng
 RT: 9.43 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

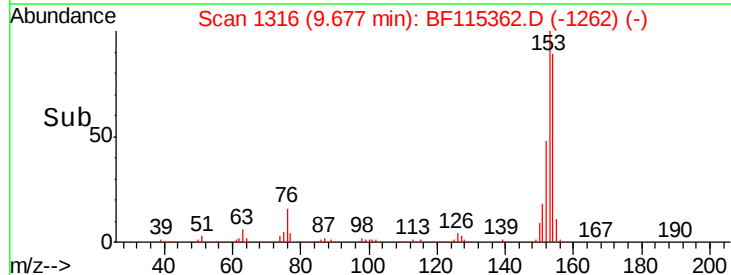
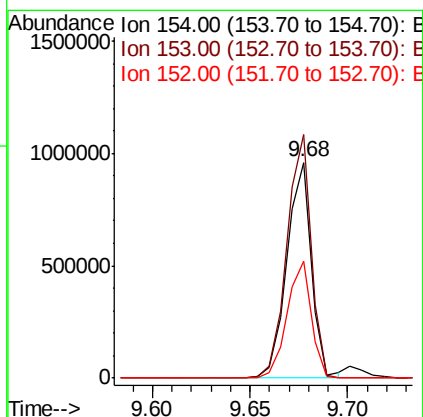
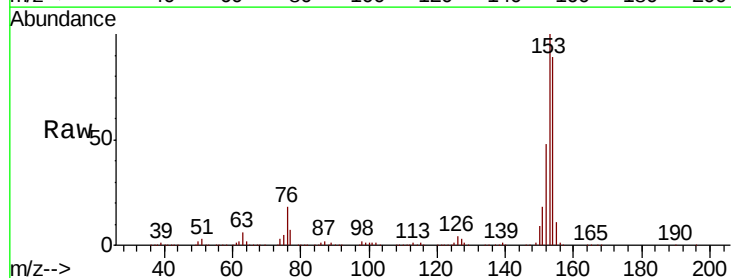
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

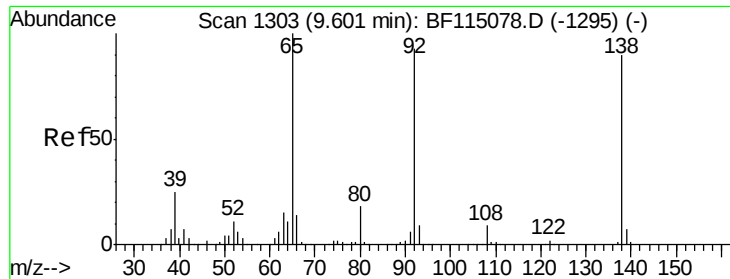
Tgt Ion:165 Resp: 246833
 Ion Ratio Lower Upper
 165 100
 63 49.0 39.4 59.2
 89 51.3 42.0 63.0



#52
 Acenaphthene
 Concen: 32.241 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion:154 Resp: 835239
 Ion Ratio Lower Upper
 154 100
 153 112.8 88.7 133.1
 152 54.4 42.6 64.0

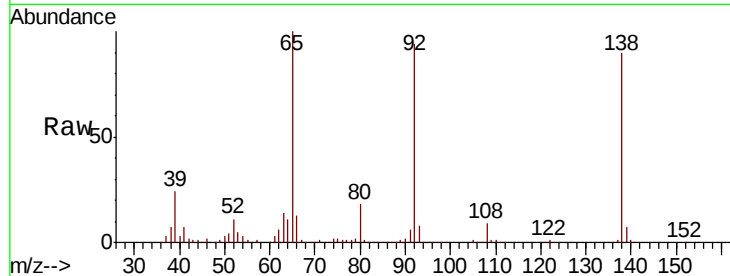




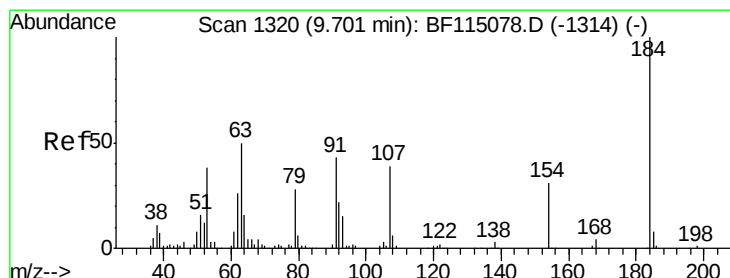
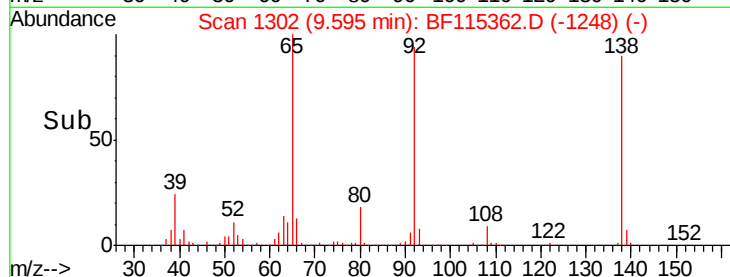
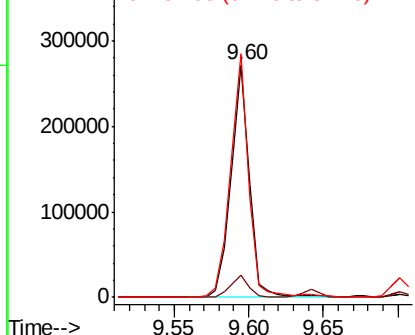
#53
3-Nitroaniline
Concen: 28.131 ng
RT: 9.60 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:138 Resp: 238720
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 104.7 82.9 124.3

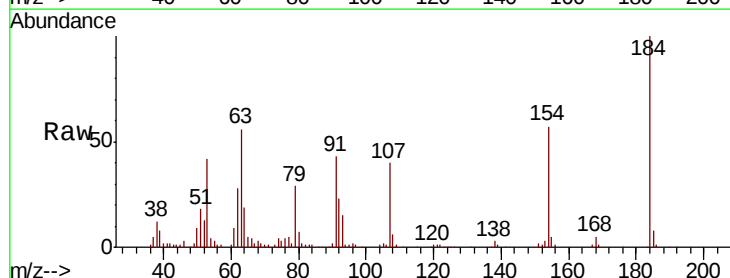


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

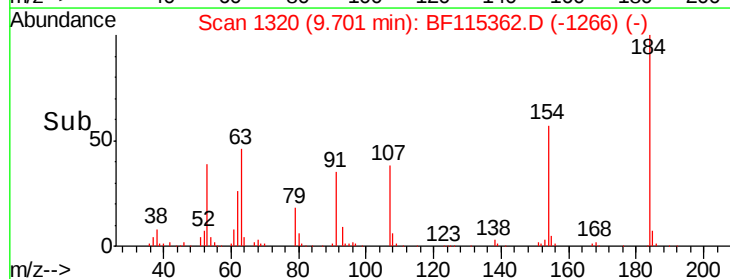
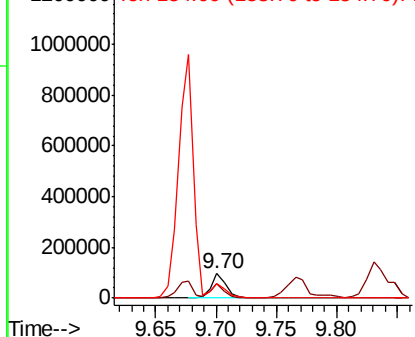


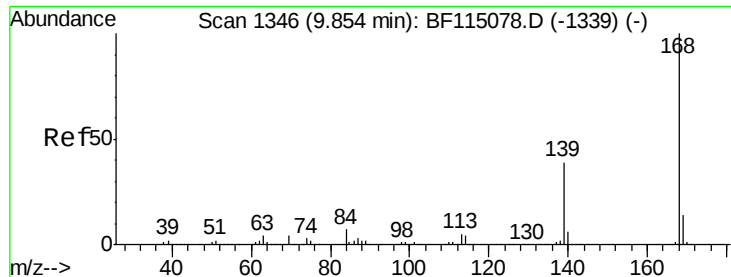
#54
2,4-Dinitrophenol
Concen: 29.241 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:184 Resp: 86275
Ion Ratio Lower Upper
184 100
63 56.5 41.9 62.9
154 56.8 44.7 67.1



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





#55

Dibenzofuran

Concen: 34.084 ng

RT: 9.85 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

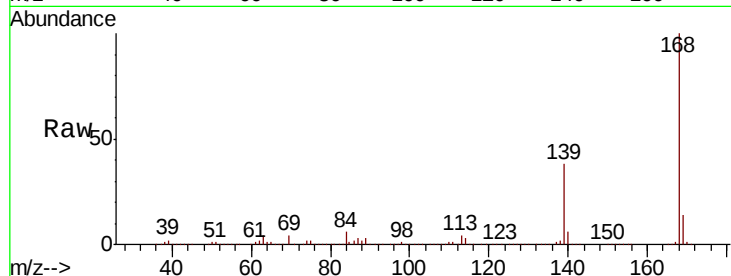
Tgt Ion:168 Resp: 1267312

Ion Ratio Lower Upper

168 100

139 38.0 31.1 46.7

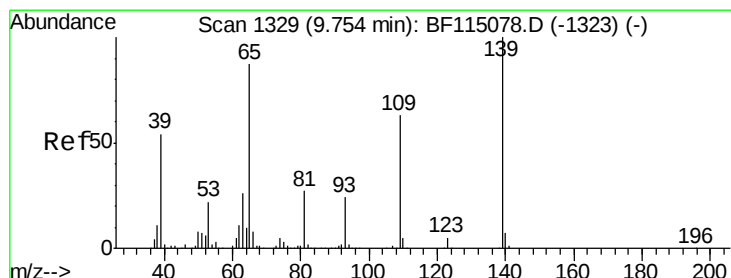
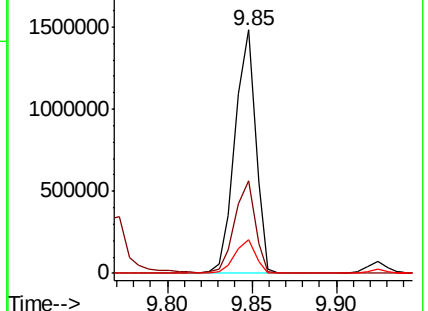
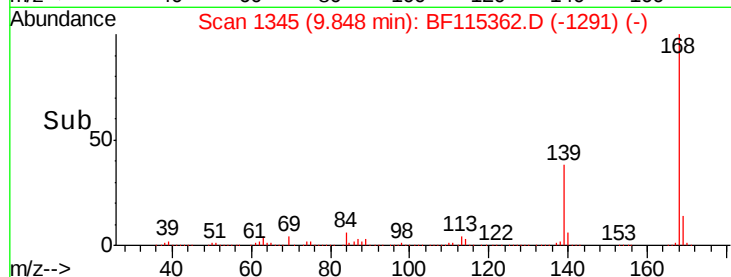
169 13.8 11.3 16.9



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: 62.895 ng

RT: 9.77 min Scan# 1332

Delta R.T. 0.04 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

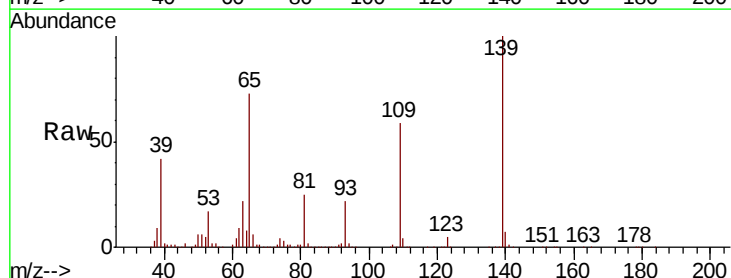
Tgt Ion:139 Resp: 427894

Ion Ratio Lower Upper

139 100

109 58.8 43.0 83.0

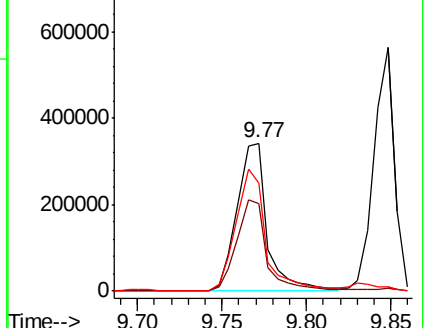
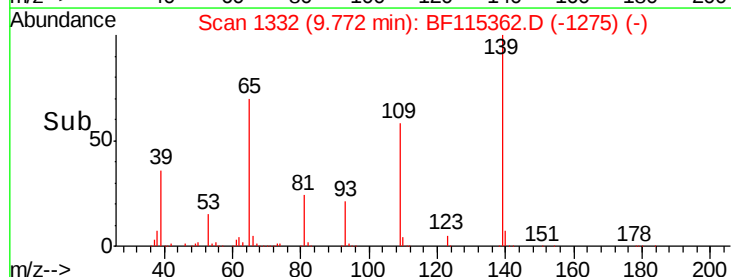
65 72.7 67.0 107.0

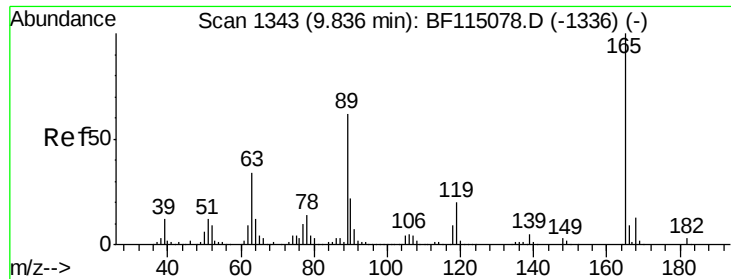


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

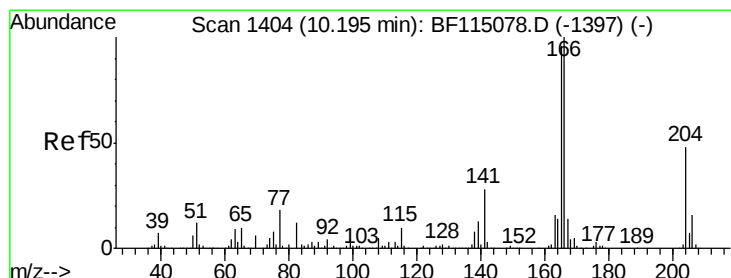
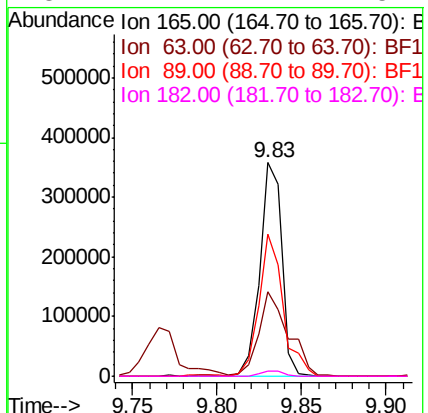
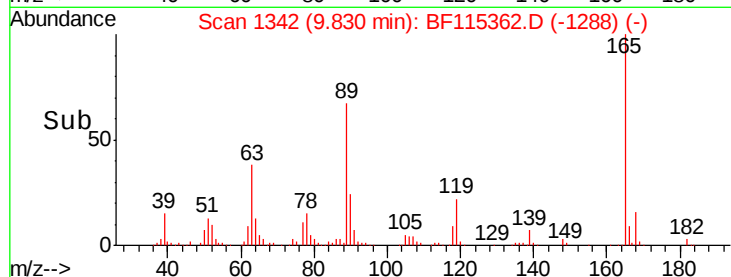
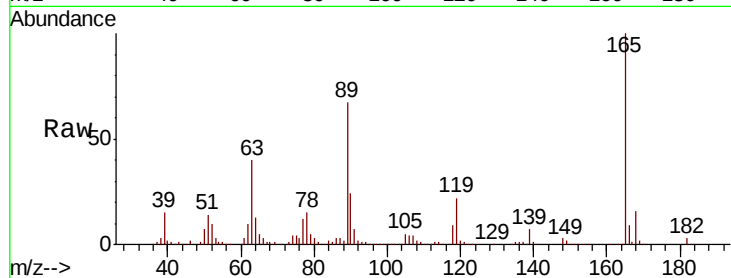




#57
 2,4-Dinitrotoluene
 Concen: 36.000 ng
 RT: 9.83 min Scan# 1342
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

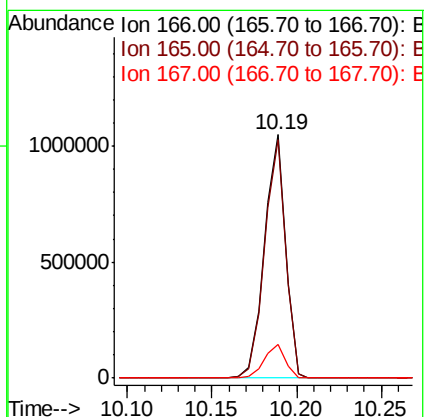
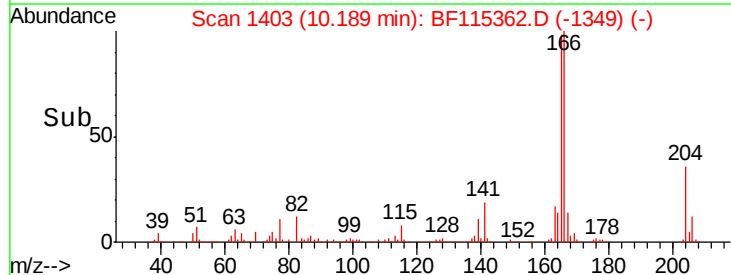
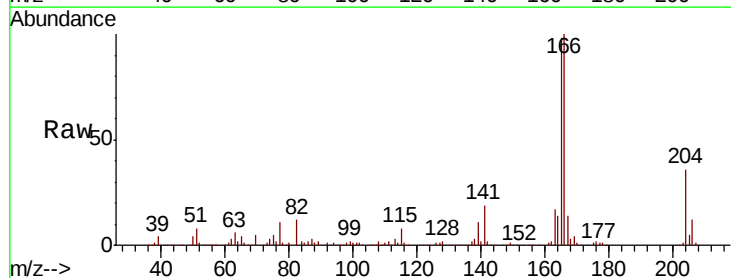
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion:	165	Resp:	323245
Ion	Ratio	Lower	Upper
165	100		
63	39.8	27.5	41.3
89	66.6	49.9	74.9
182	2.7	2.1	3.1



#58
 Fluorene
 Concen: 35.325 ng
 RT: 10.19 min Scan# 1403
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion:	166	Resp:	909567
Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.5	114.7
167	13.7	11.0	16.4

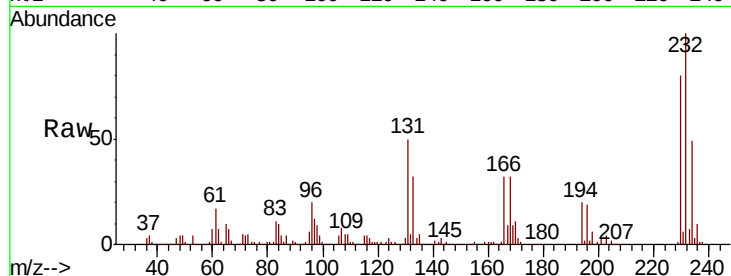




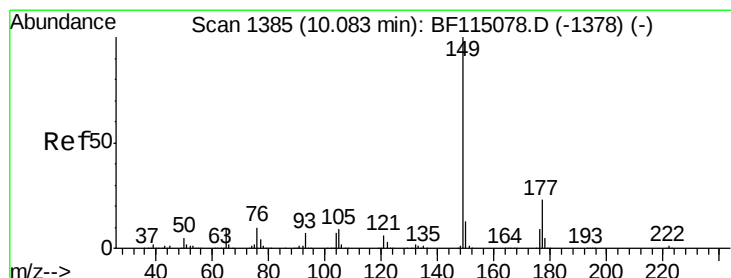
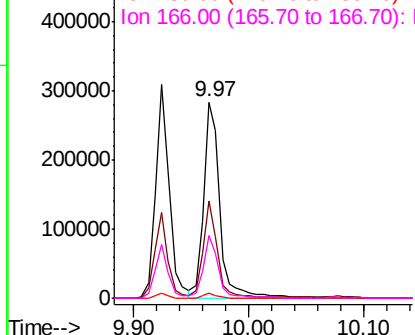
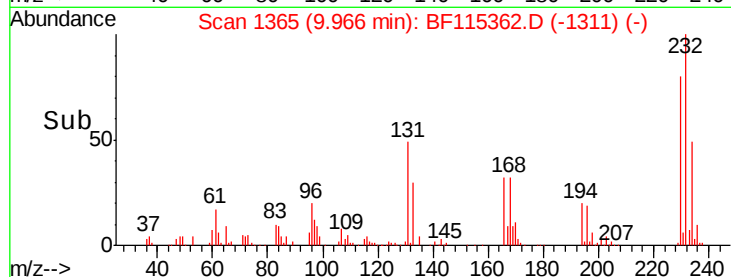
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.144 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion:232 Resp: 278772
 Ion Ratio Lower Upper
 232 100
 131 44.2 37.4 56.0
 130 2.3 1.8 2.6
 166 29.4 24.6 36.8

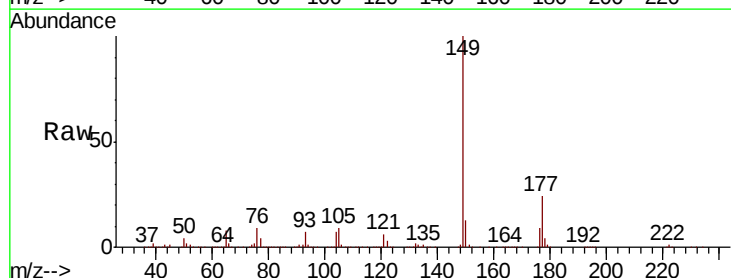


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

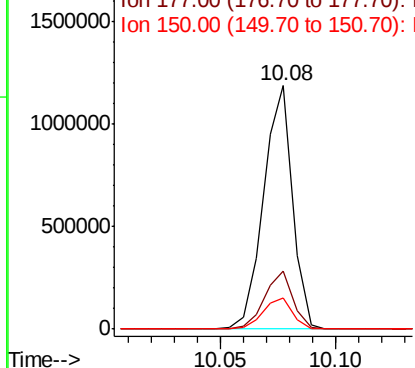
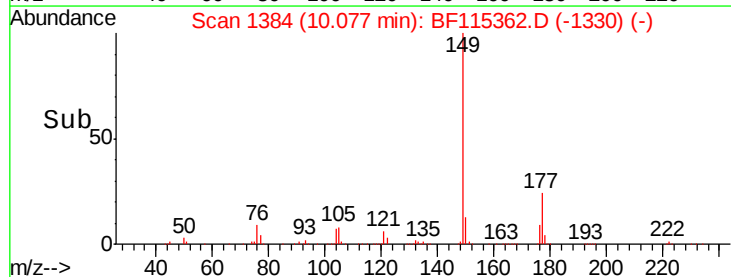


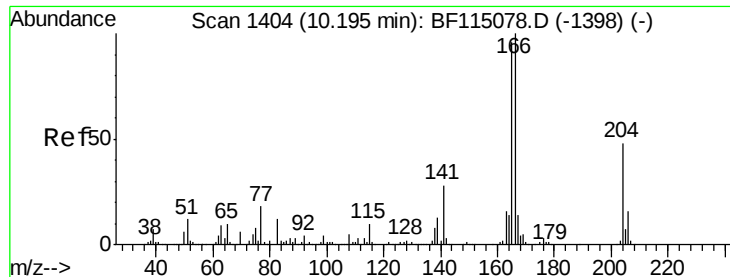
#60
 Diethylphthalate
 Concen: 34.391 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion:149 Resp: 1041269
 Ion Ratio Lower Upper
 149 100
 177 23.8 18.7 28.1
 150 12.8 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

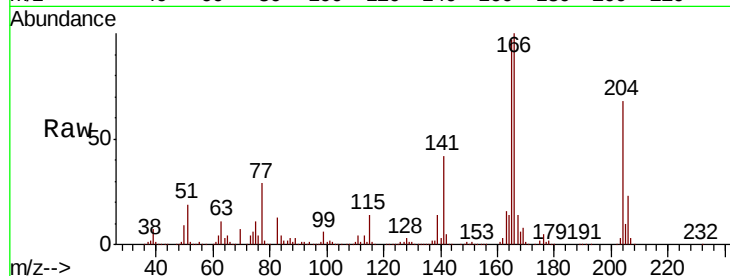




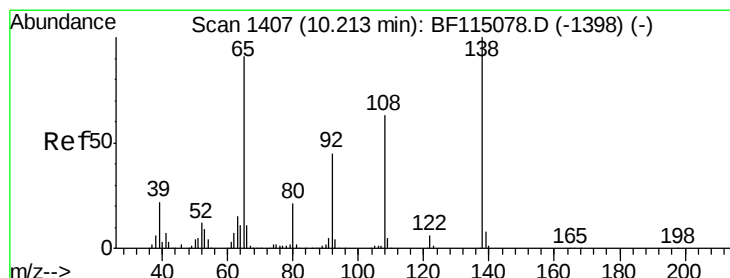
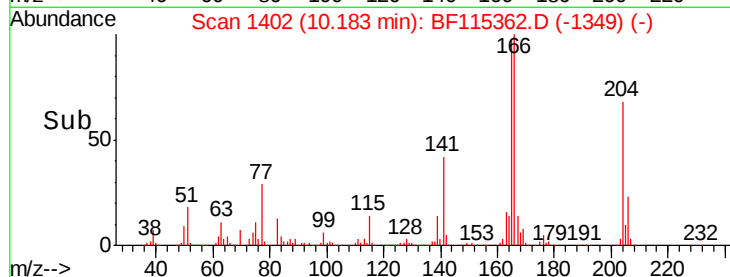
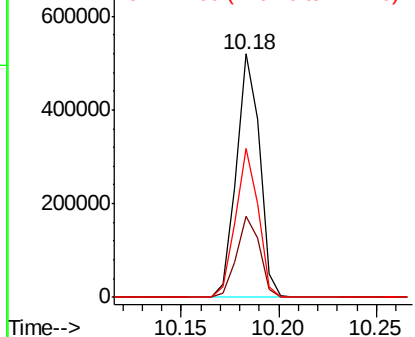
#61
4-Chlorophenyl-phenylether
Concen: 35.068 ng
RT: 10.18 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:204 Resp: 430213
Ion Ratio Lower Upper
204 100
206 33.5 26.6 40.0
141 61.3 46.7 70.1

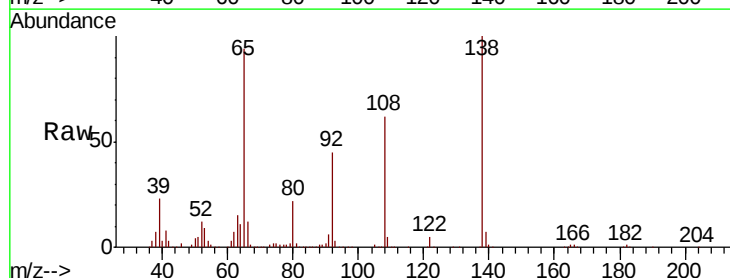


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

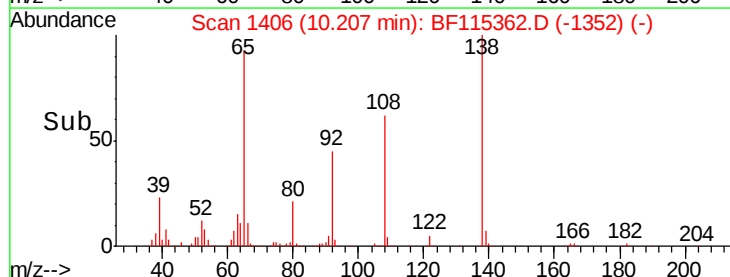
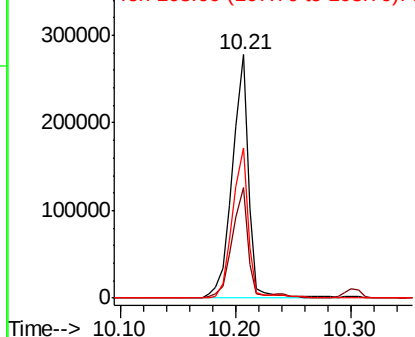


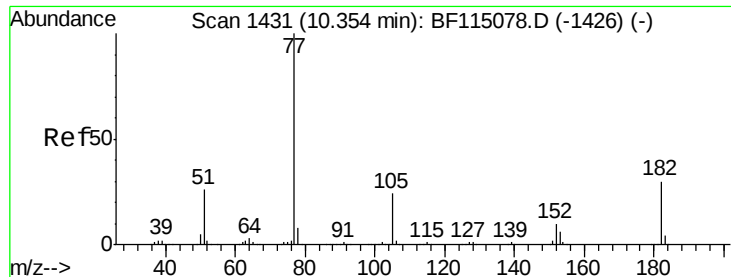
#62
4-Nitroaniline
Concen: 32.234 ng
RT: 10.21 min Scan# 1406
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:138 Resp: 274418
Ion Ratio Lower Upper
138 100
92 45.1 24.8 64.8
108 61.8 43.3 83.3



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

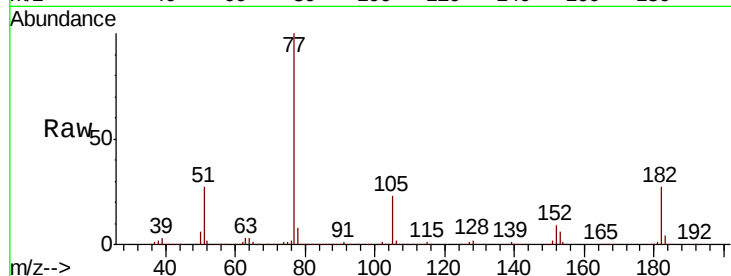




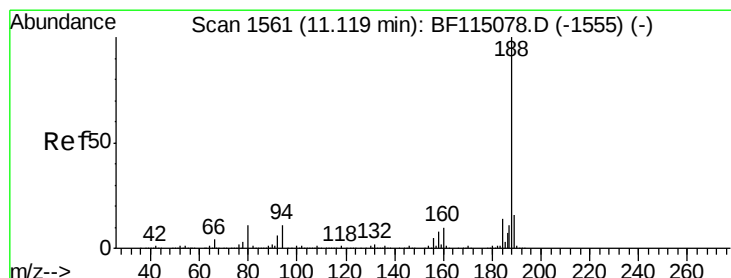
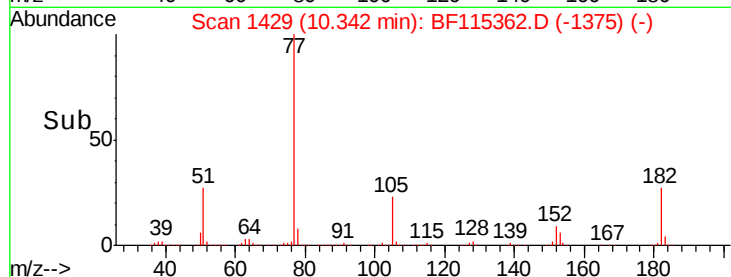
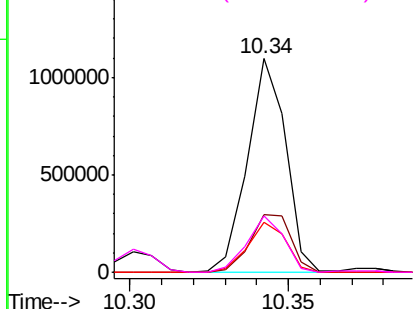
#63
Azobenzene
Concen: 32.502 ng
RT: 10.34 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion: 77 Resp: 919159
Ion Ratio Lower Upper
77 100
182 27.1 10.1 50.1
105 23.2 4.5 44.5
51 26.6 6.4 46.4

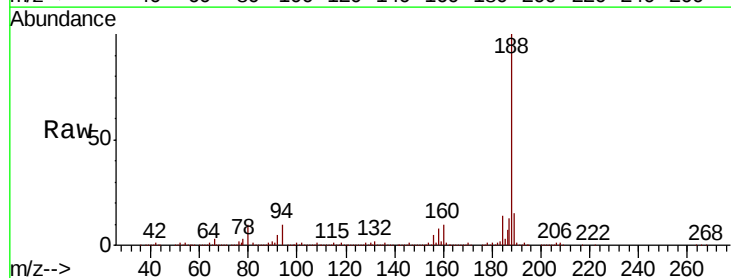


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

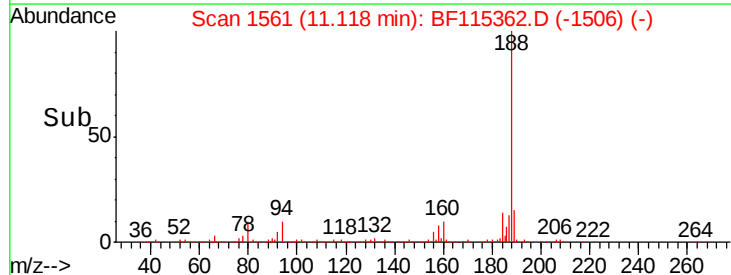
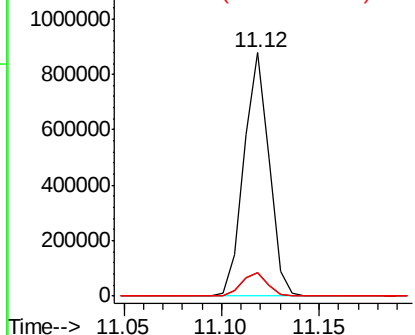


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion: 188 Resp: 786011
Ion Ratio Lower Upper
188 100
94 9.7 8.6 12.8
80 9.7 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

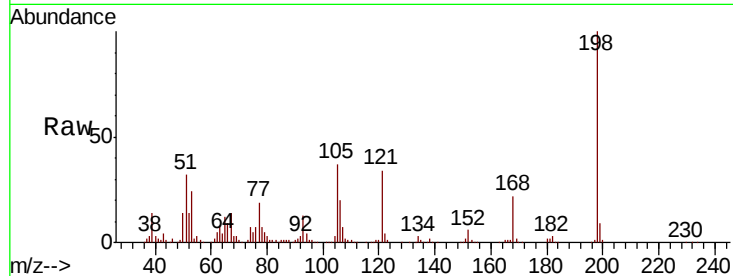




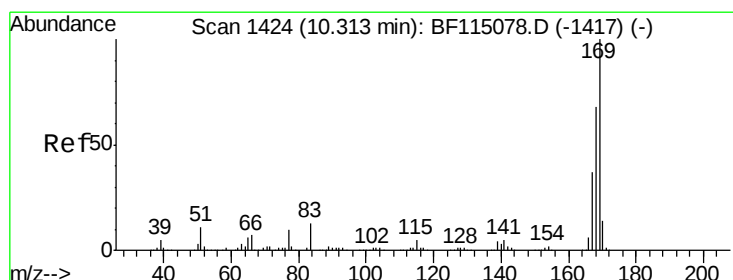
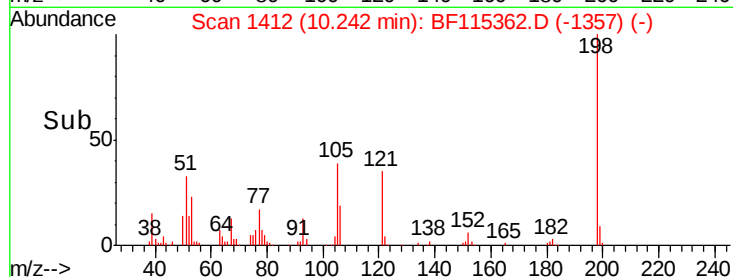
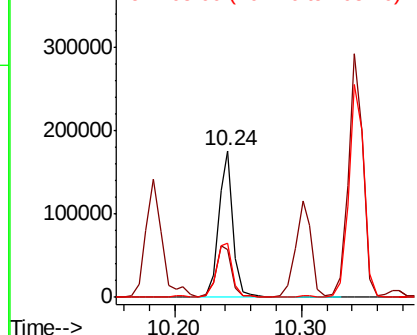
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.987 ng
 RT: 10.24 min Scan# 1412
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion:198 Resp: 140051
 Ion Ratio Lower Upper
 198 100
 51 32.2 11.0 51.0
 105 36.6 17.3 57.3

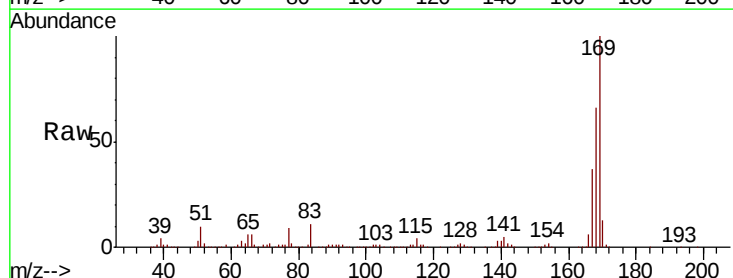


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

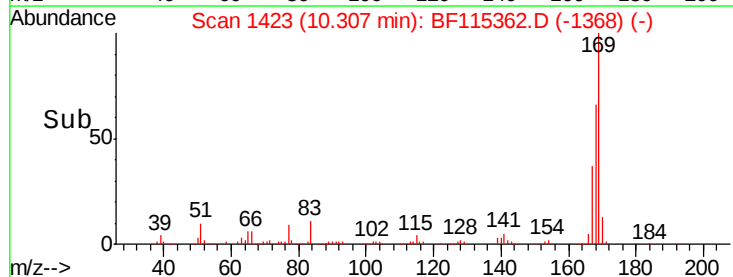
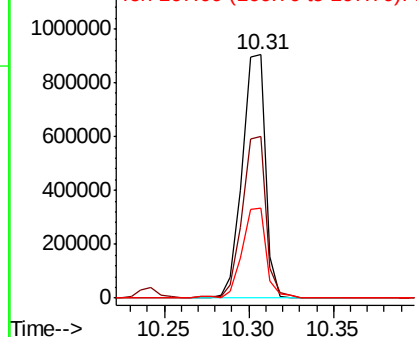


#66
 n-Nitrosodiphenylamine
 Concen: 35.379 ng
 RT: 10.31 min Scan# 1423
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion:169 Resp: 866351
 Ion Ratio Lower Upper
 169 100
 168 66.2 54.2 81.4
 167 37.0 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

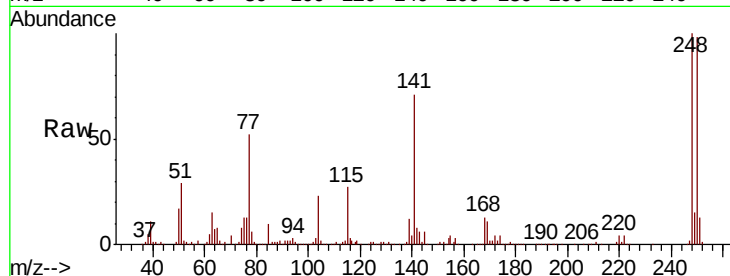




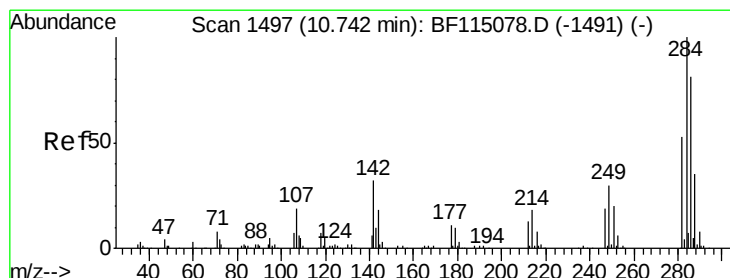
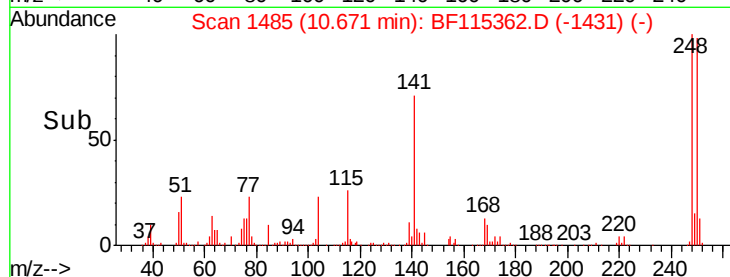
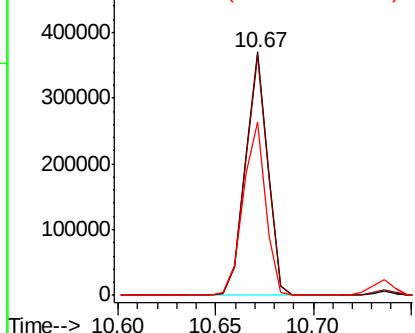
#67
 4-Bromophenyl-phenylether
 Concen: 34.251 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion: 248 Resp: 291882
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.2 114.2
 141 71.1 59.6 89.4

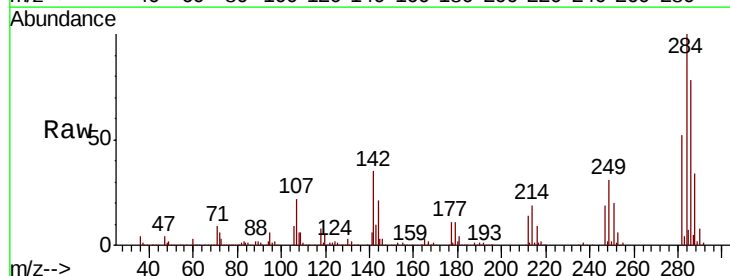


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

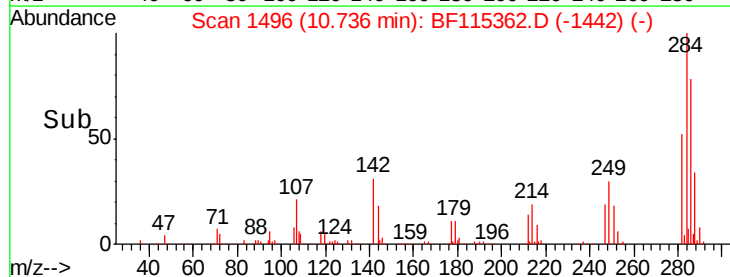
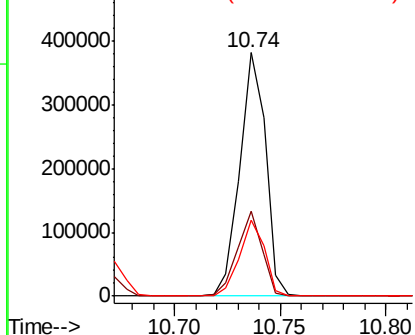


#68
 Hexachlorobenzene
 Concen: 34.857 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion: 284 Resp: 322433
 Ion Ratio Lower Upper
 284 100
 142 35.0 25.8 38.8
 249 31.2 24.2 36.4



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

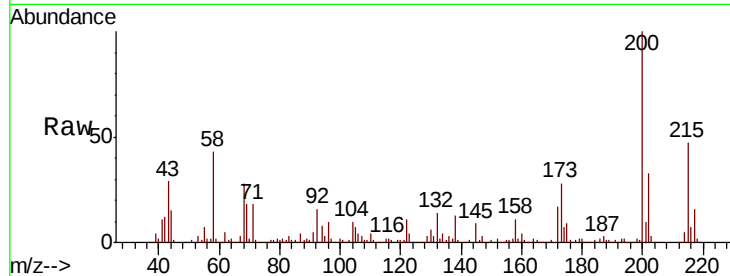




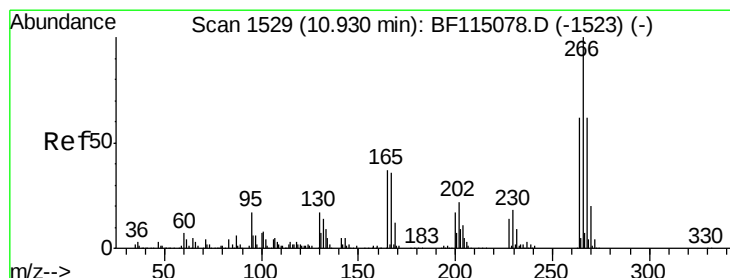
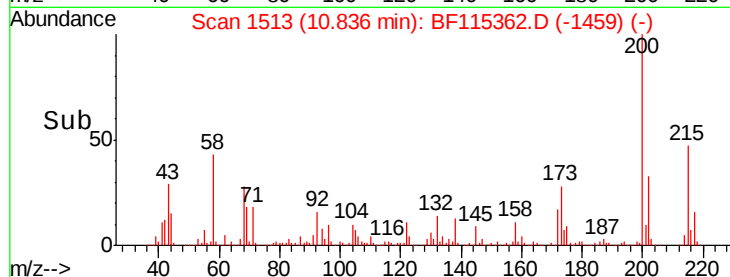
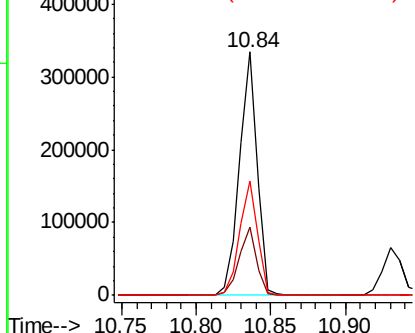
#69
 Atrazine
 Concen: 35.368 ng
 RT: 10.84 min Scan# 1513
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.4	47.4
215	47.1	27.8	67.8

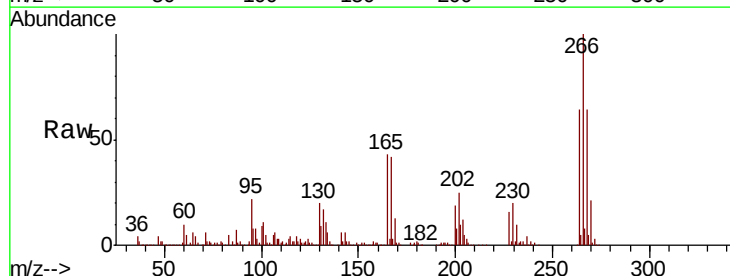


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

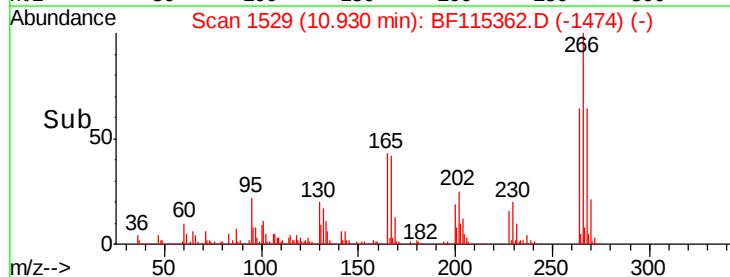
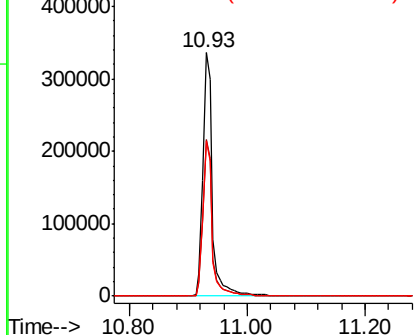


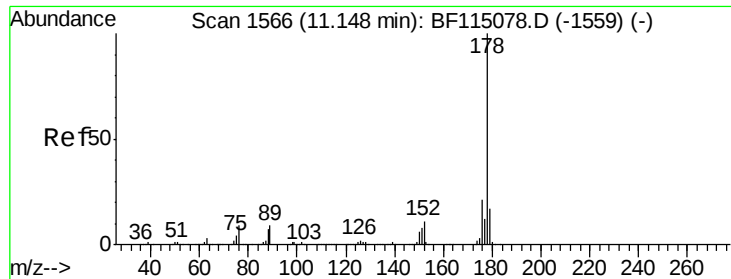
#70
 Pentachlorophenol
 Concen: 62.738 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.5	74.3
264	63.7	49.3	73.9



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





#71

Phenanthrene

Concen: 38.998 ng

RT: 11.15 min Scan# 1566

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

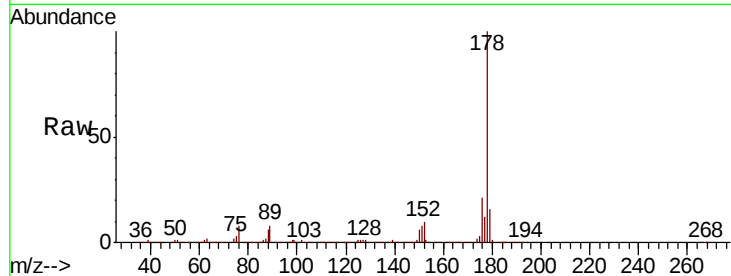
Tgt Ion:178 Resp: 1650405

Ion Ratio Lower Upper

178 100

176 20.8 16.9 25.3

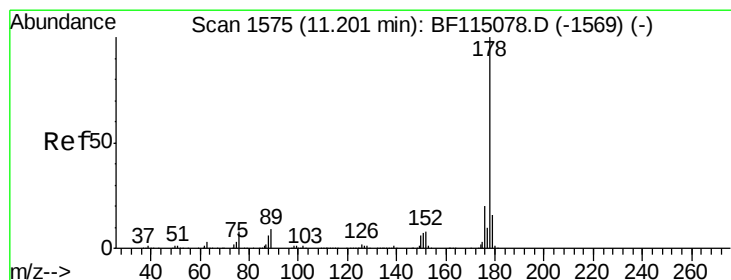
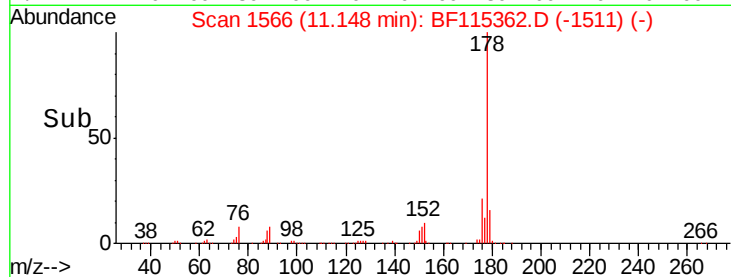
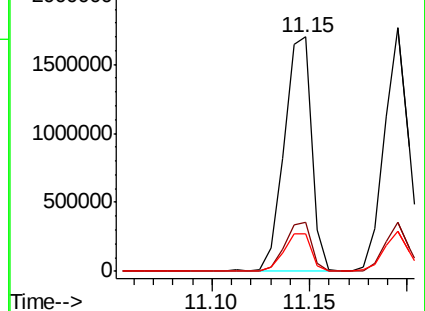
179 16.0 13.2 19.8



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: 35.086 ng

RT: 11.19 min Scan# 1574

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

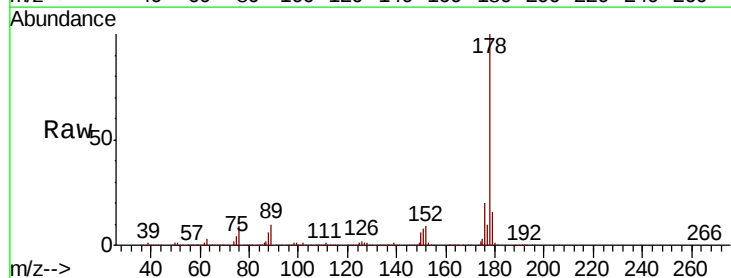
Tgt Ion:178 Resp: 1498847

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

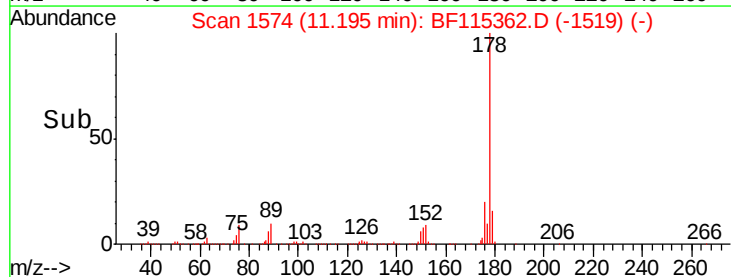
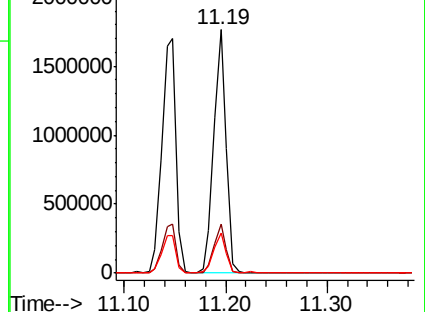
179 16.3 12.9 19.3

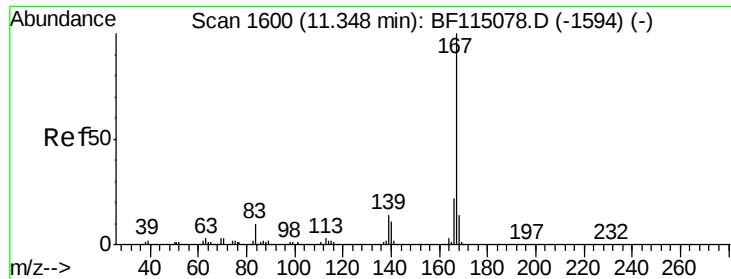


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

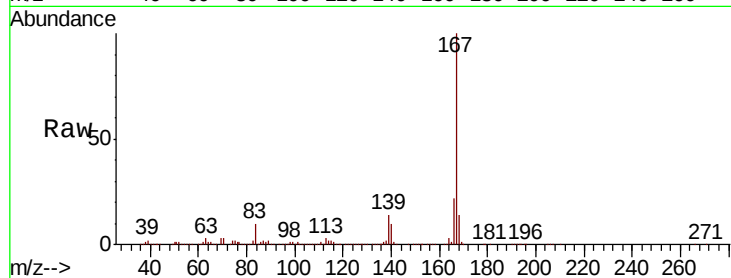




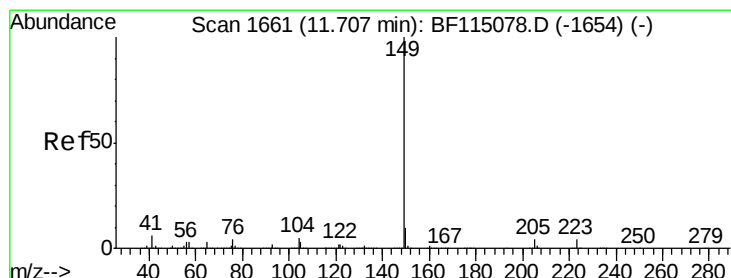
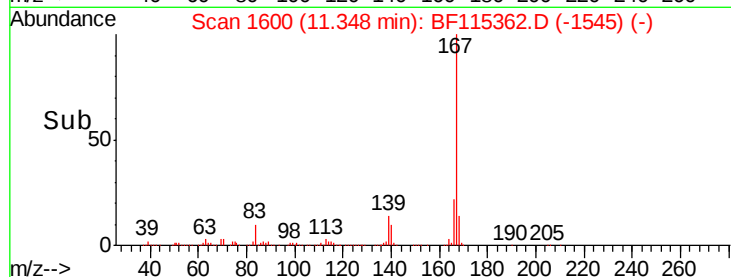
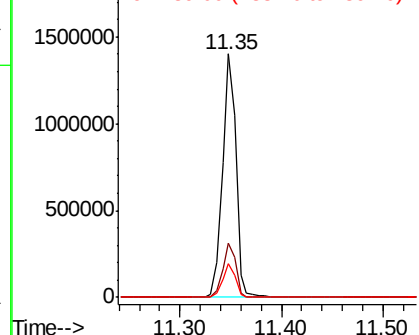
#73
 Carbazole
 Concen: 33.955 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MS

Tgt Ion:167 Resp: 1295287
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 13.8 11.1 16.7

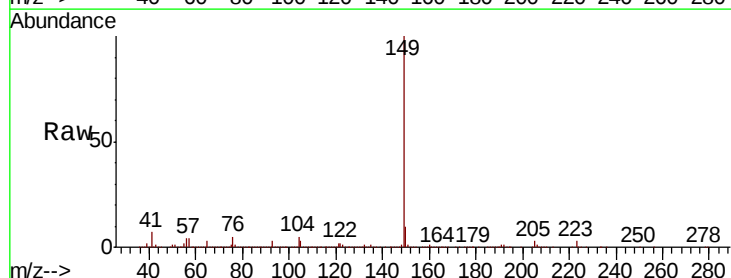


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

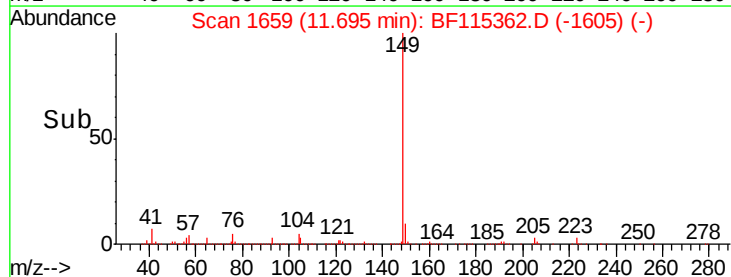
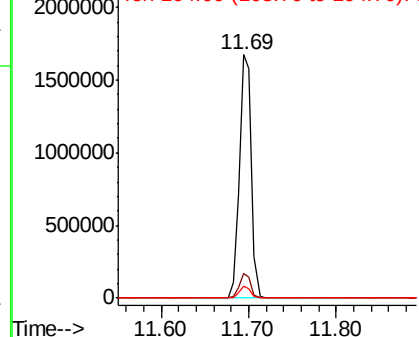


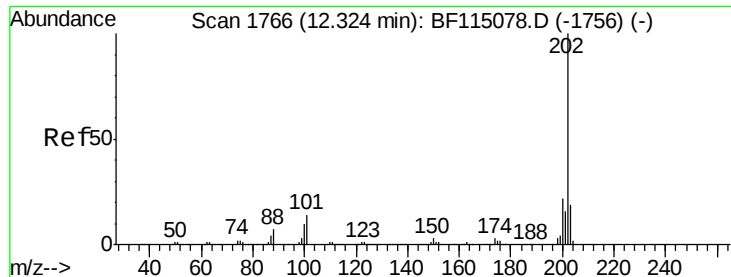
#74
 Di-n-butylphthalate
 Concen: 35.286 ng
 RT: 11.69 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: BF115362.D
 Acq: 2 Jul 2019 16:27

Tgt Ion:149 Resp: 1555443
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.8 11.8
 104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.271 ng

RT: 12.33 min Scan# 1767

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

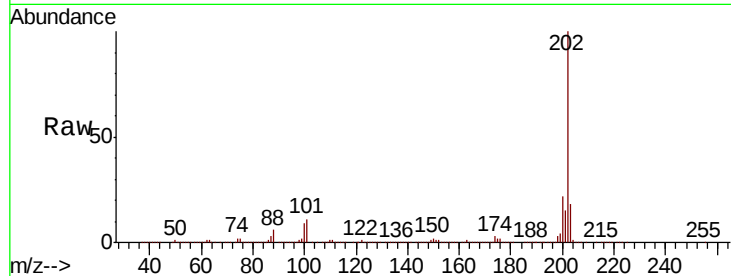
Tgt Ion:202 Resp: 1742661

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.0

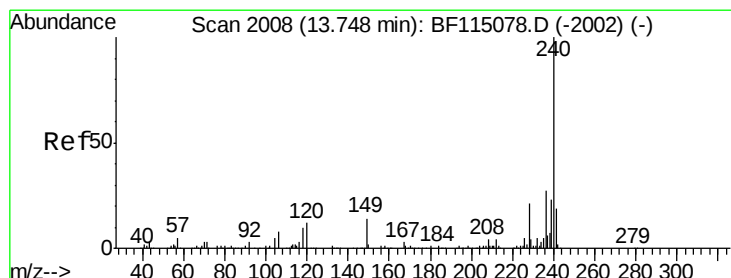
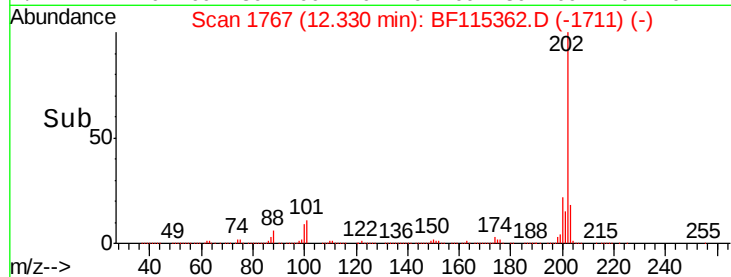
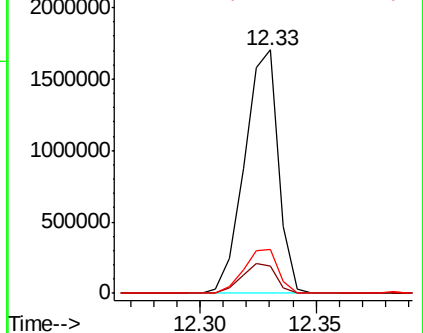
203 18.2 0.0 38.8



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: BF115362.D

Acq: 2 Jul 2019 16:27

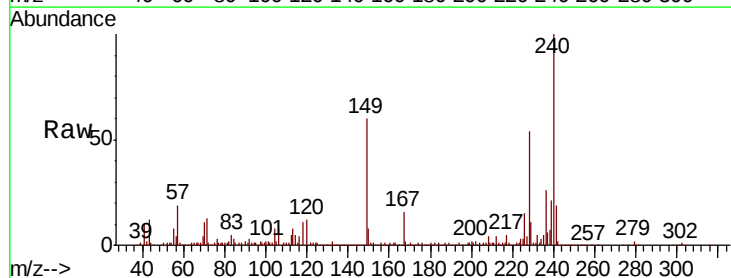
Tgt Ion:240 Resp: 440898

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

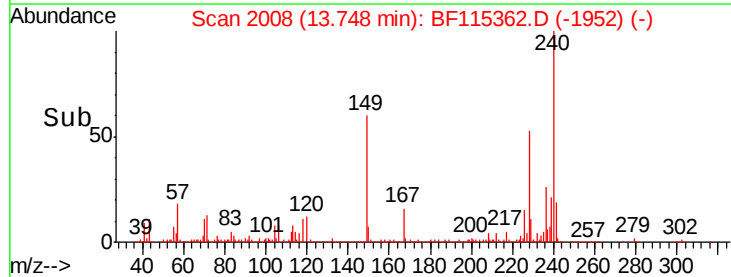
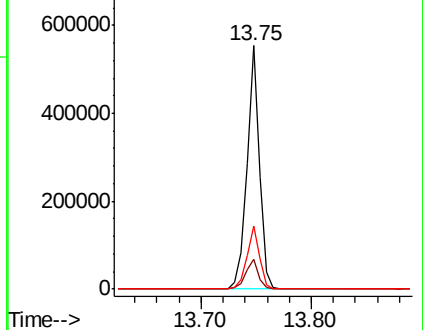
236 26.0 21.7 32.5

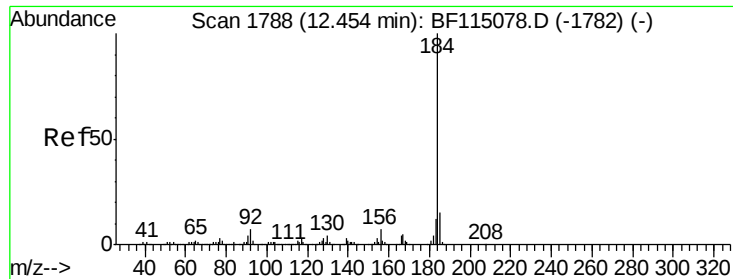


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.281 ng

RT: 12.45 min Scan# 1788

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

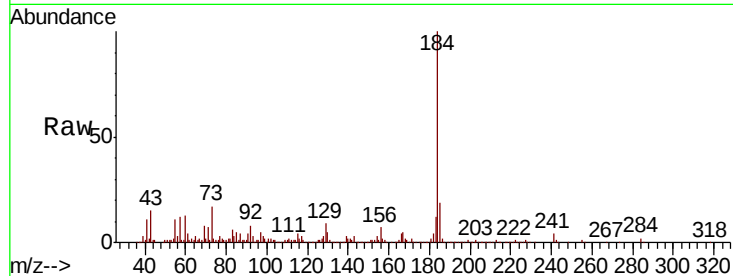
Tgt Ion:184 Resp: 436214

Ion Ratio Lower Upper

184 100

185 18.6 12.2 18.2#

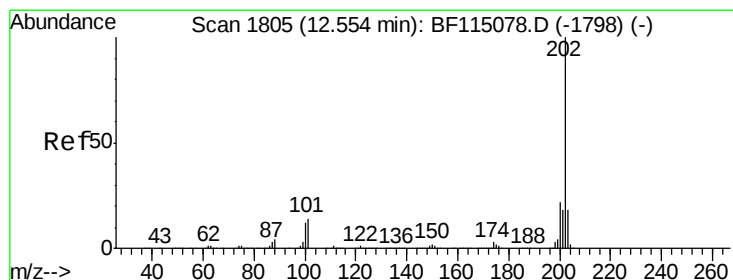
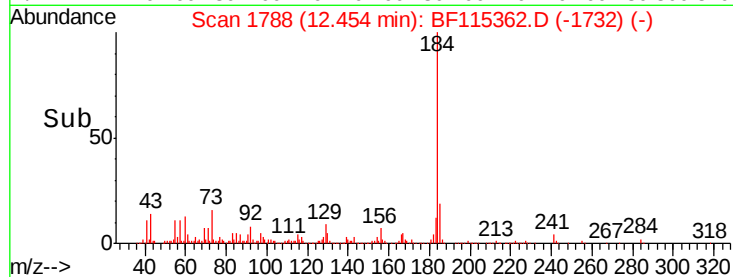
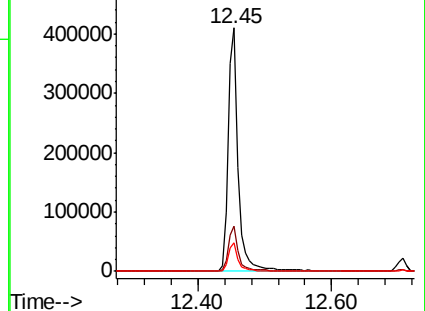
183 11.8 9.6 14.4



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: 49.250 ng

RT: 12.55 min Scan# 1805

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

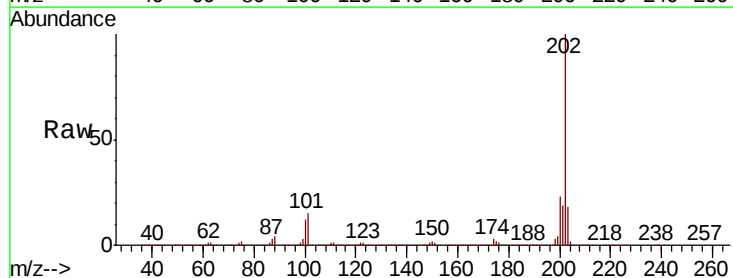
Tgt Ion:202 Resp: 1668757

Ion Ratio Lower Upper

202 100

200 22.8 17.9 26.9

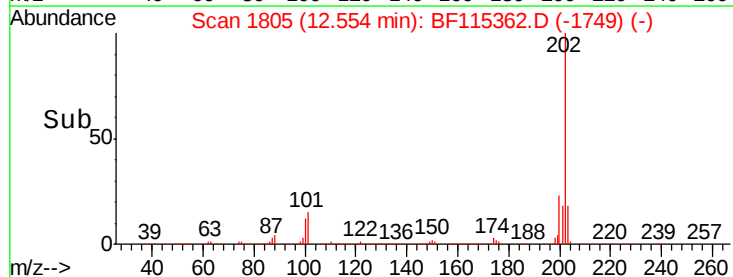
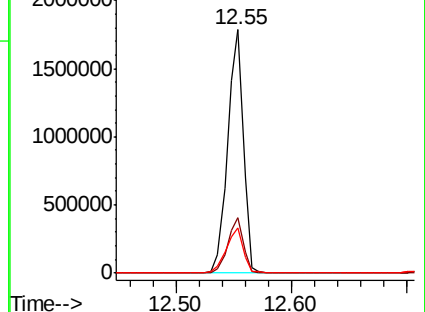
203 18.4 14.6 21.8



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: 71.783 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

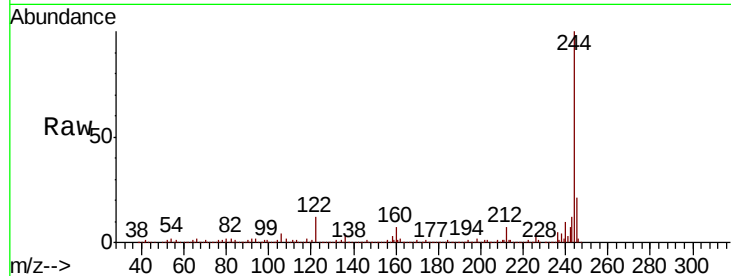
Tgt Ion:244 Resp: 1488553

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

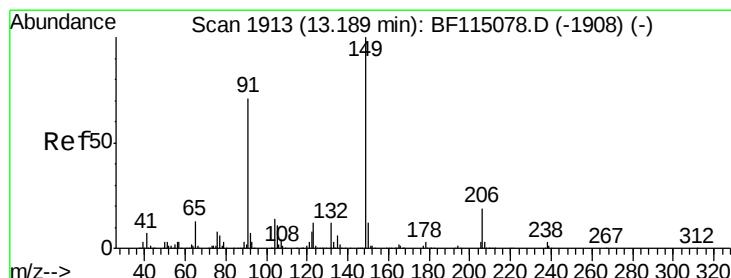
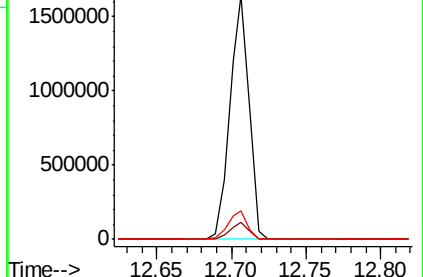
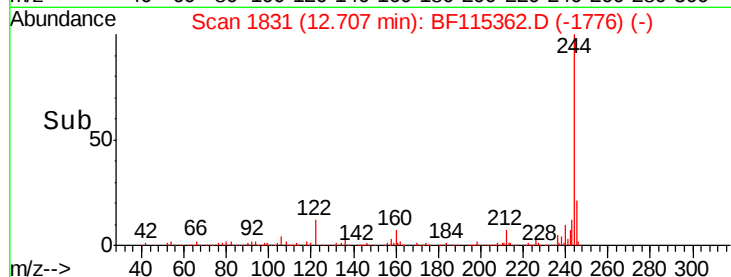
122 11.9 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.045 ng

RT: 13.18 min Scan# 1912

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

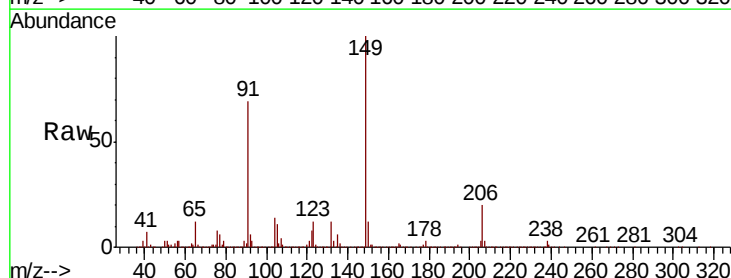
Tgt Ion:149 Resp: 568883

Ion Ratio Lower Upper

149 100

91 69.3 56.5 84.7

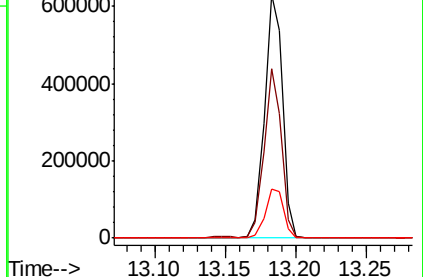
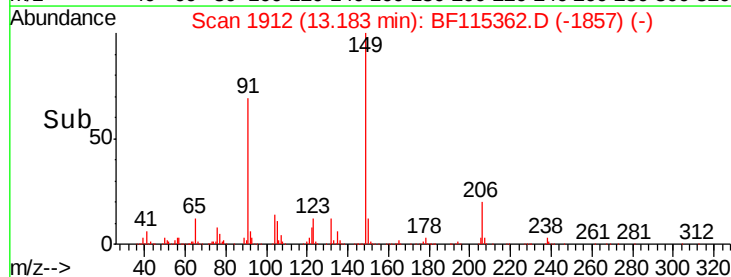
206 20.2 15.3 22.9

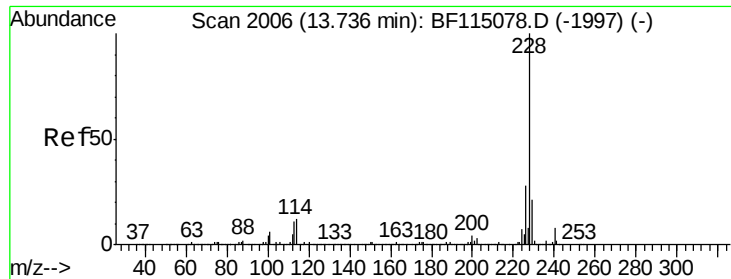


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

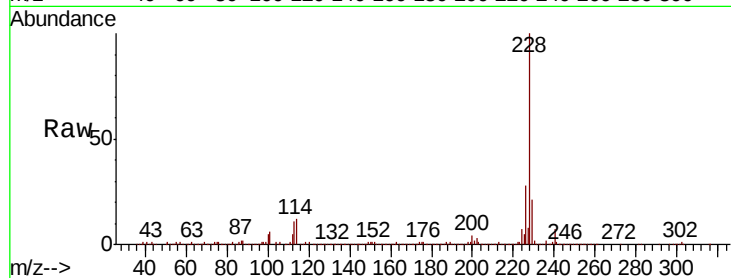




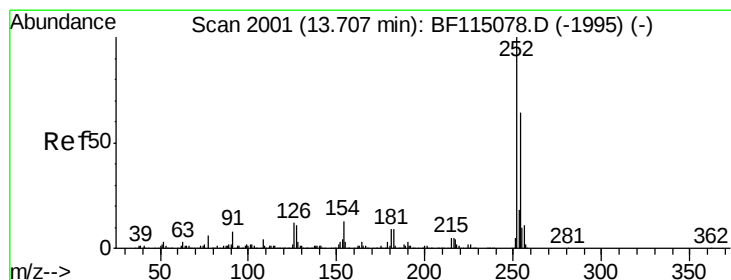
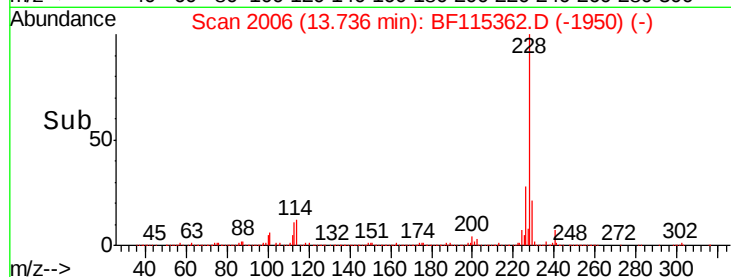
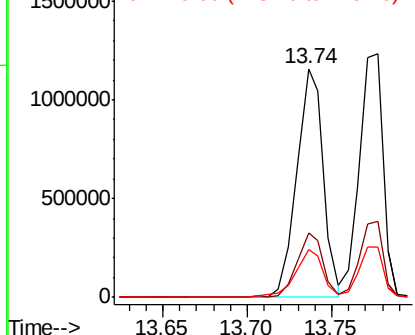
#81
Benzo(a)anthracene
Concen: 39.842 ng
RT: 13.74 min Scan# 2006
Delta R.T. 0.03 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:228 Resp: 1260443
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.8 16.6 24.8

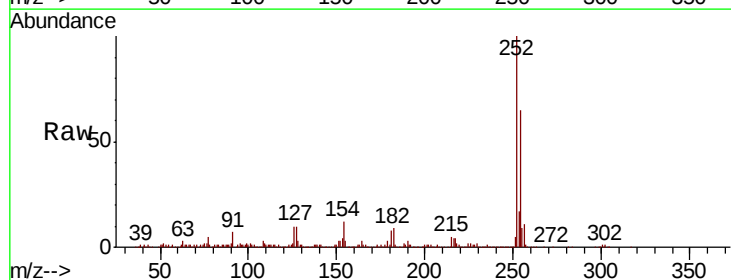


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

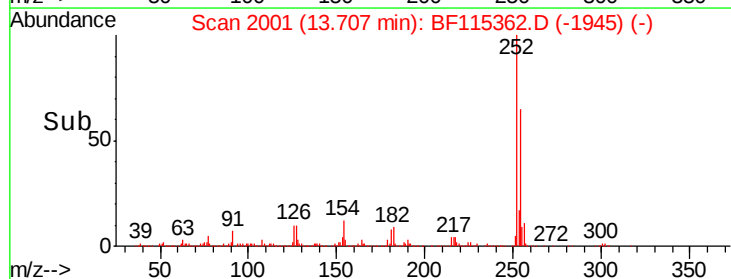
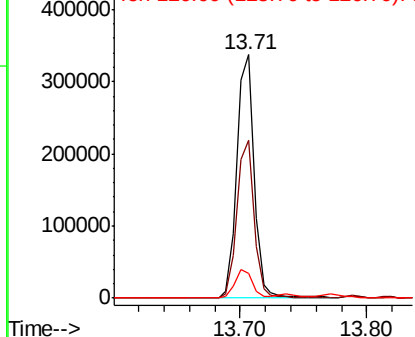


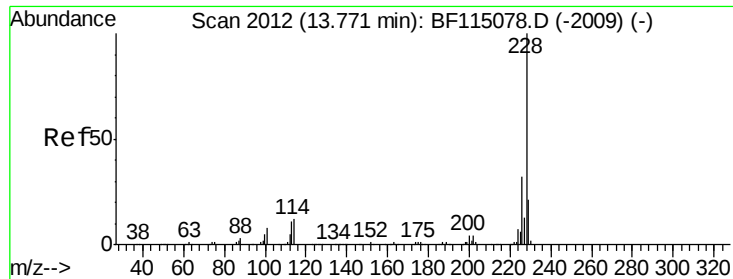
#82
3,3'-Dichlorobenzidine
Concen: 27.703 ng
RT: 13.71 min Scan# 2001
Delta R.T. 0.03 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:252 Resp: 316489
Ion Ratio Lower Upper
252 100
254 64.7 51.1 76.7
126 10.0 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

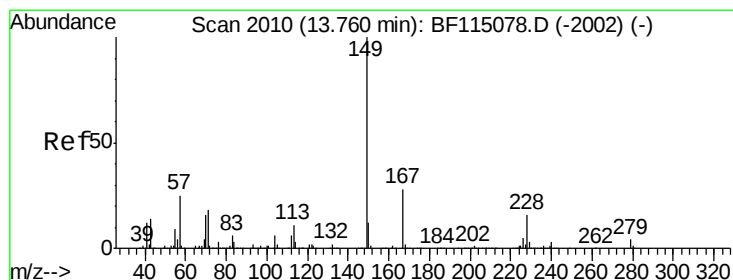
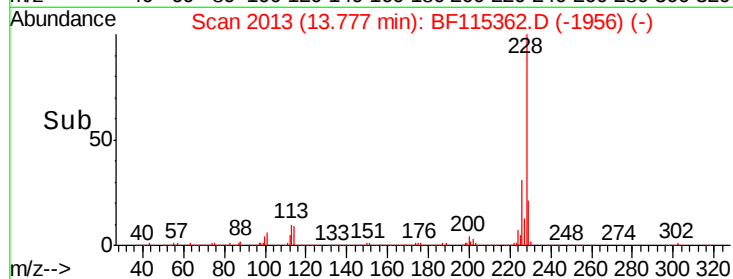
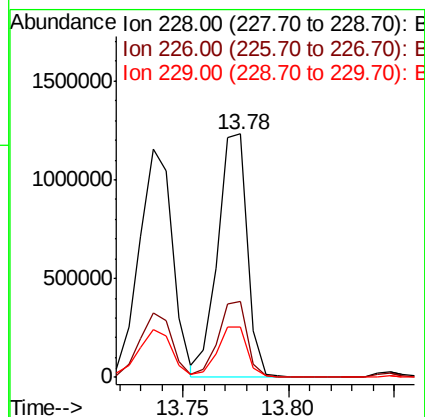
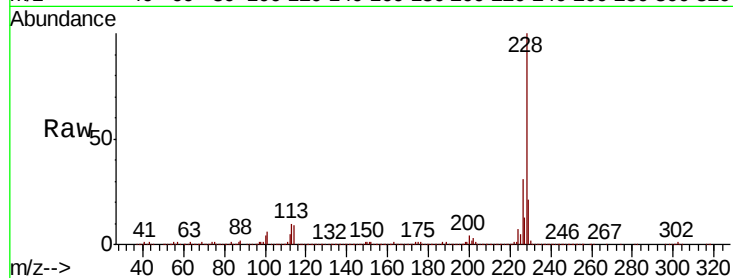




#83
Chrysene
Concen: 41.248 ng
RT: 13.78 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

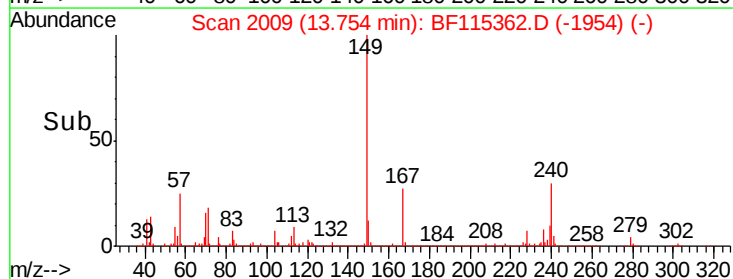
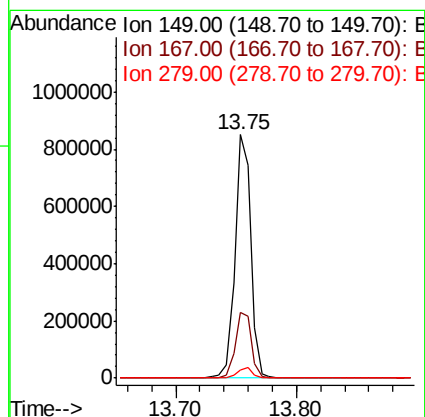
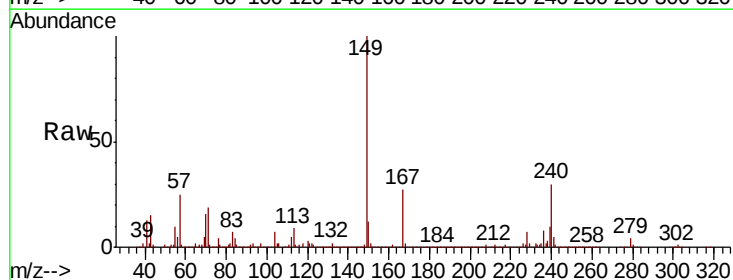
Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

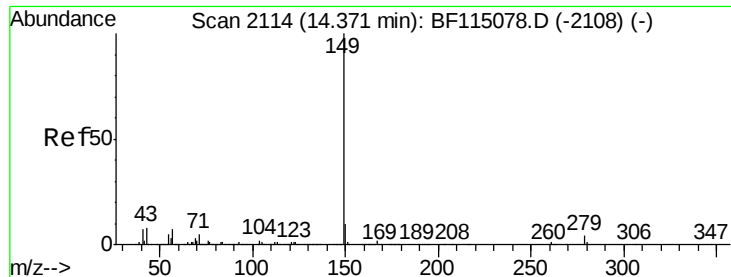
Tgt Ion:228 Resp: 1195329
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.0
229 20.6 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.319 ng
RT: 13.75 min Scan# 2009
Delta R.T. 0.02 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:149 Resp: 770391
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.4
279 3.5 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 37.917 ng

RT: 14.37 min Scan# 2113

Delta R.T. 0.02 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

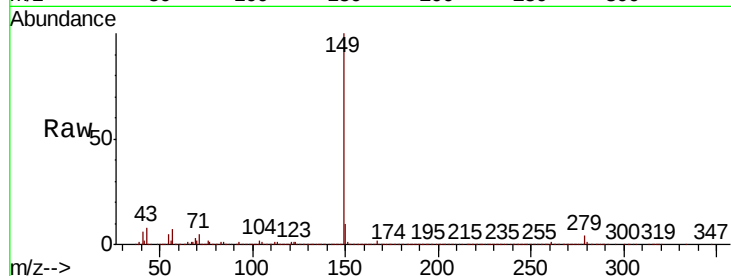
Tgt Ion:149 Resp: 1248211

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

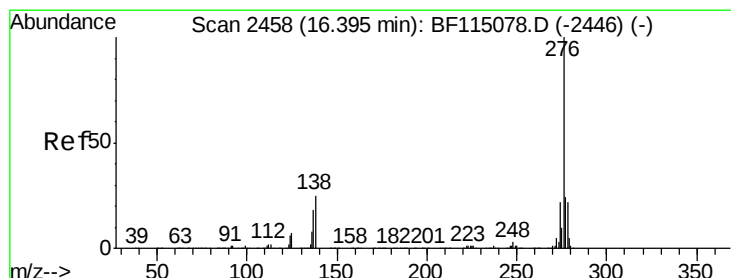
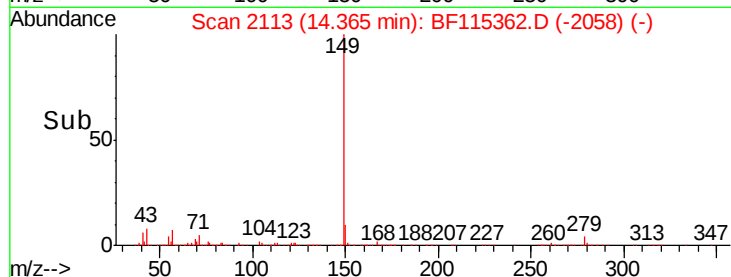
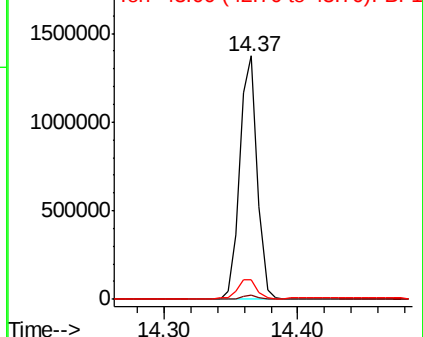
43 8.4 7.0 10.6



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: 29.660 ng

RT: 16.41 min Scan# 2460

Delta R.T. 0.05 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

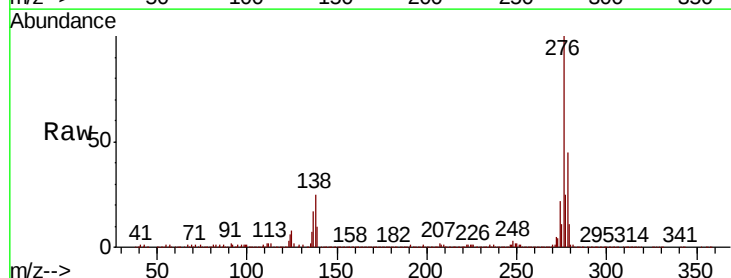
Tgt Ion:276 Resp: 1017074

Ion Ratio Lower Upper

276 100

138 27.3 23.2 34.8

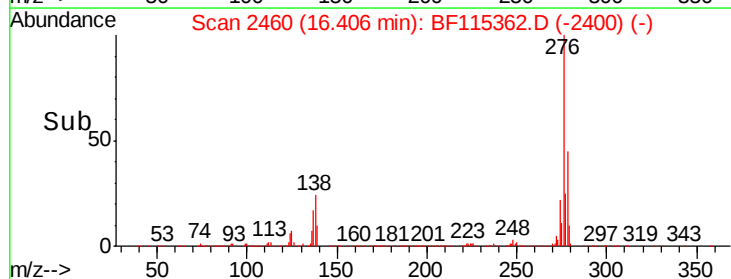
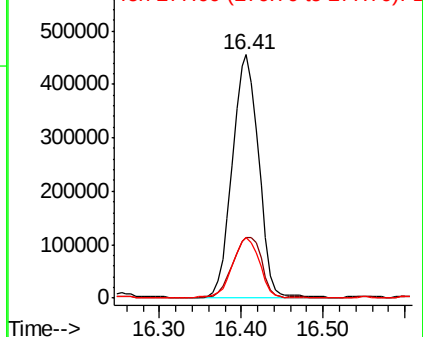
277 25.1 20.1 30.1

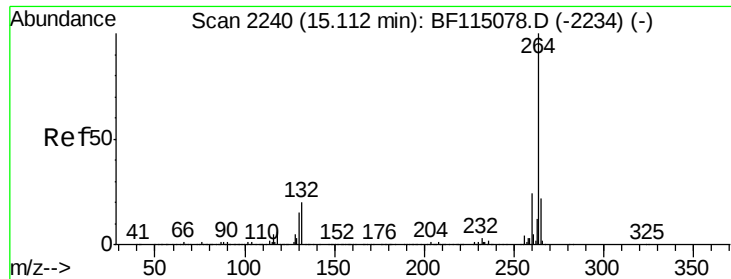


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



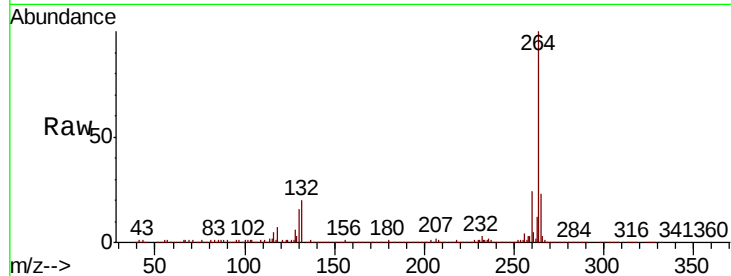


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2241
Delta R.T. 0.04 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:264 Resp: 516560

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	22.7	17.3	25.9

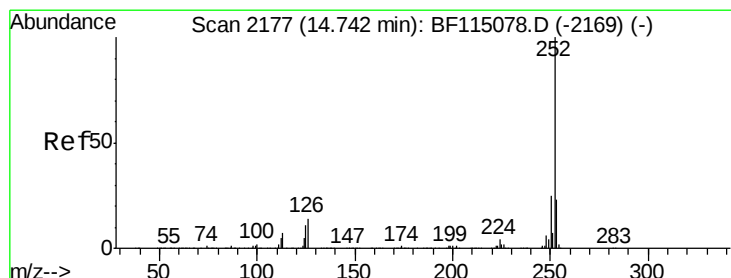
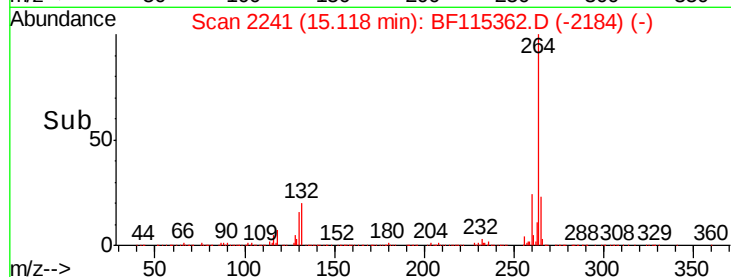
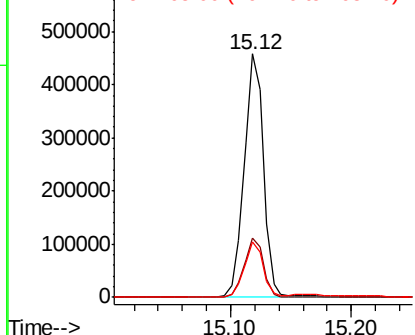


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

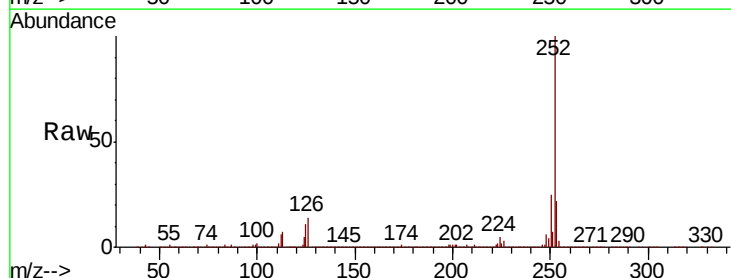
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.502 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.03 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:252 Resp: 1369919

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.7	8.7	13.1

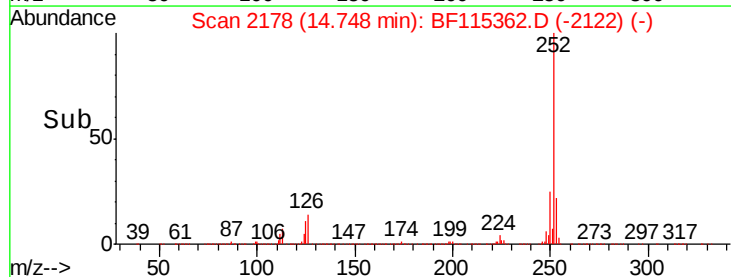
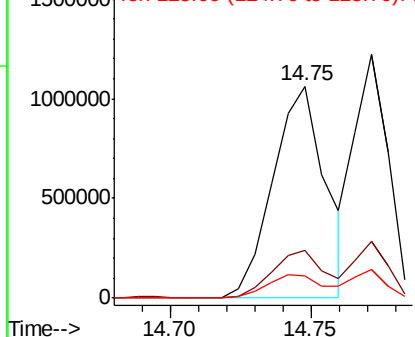


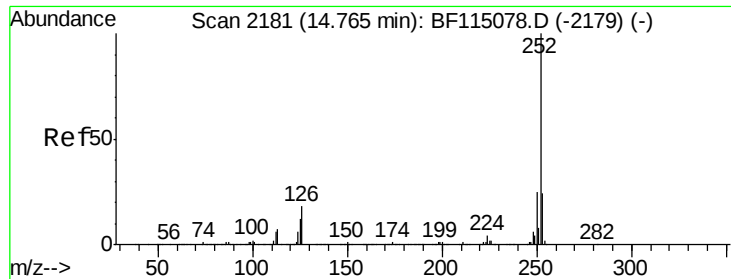
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 35.428 ng

RT: 14.77 min Scan# 2182

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MS

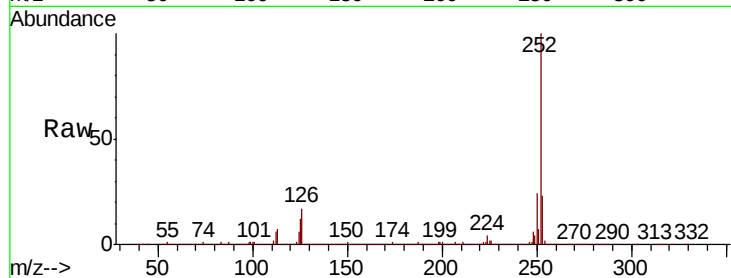
Tgt Ion:252 Resp: 1024060

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

125 11.7 10.2 15.2

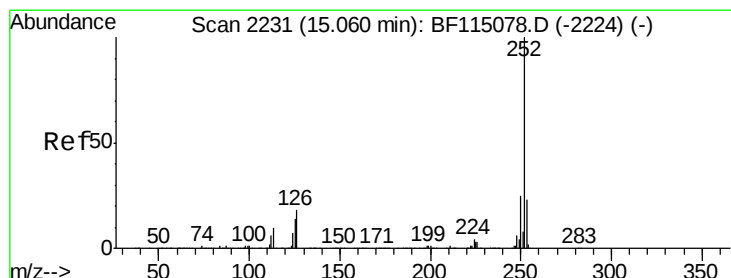
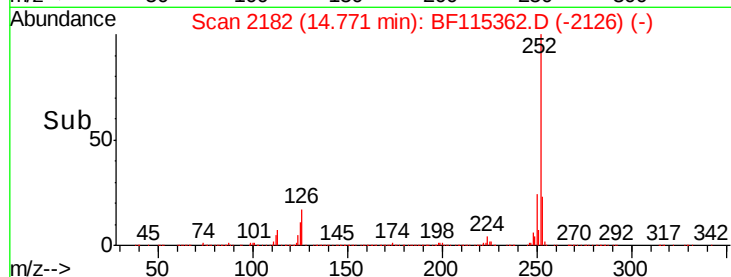
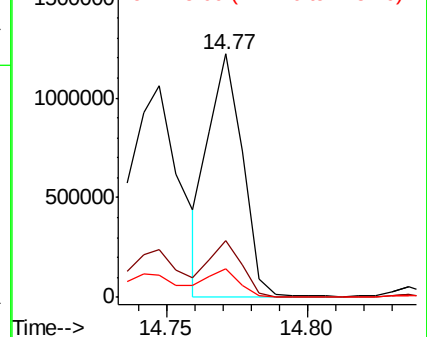


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.369 ng

RT: 15.07 min Scan# 2232

Delta R.T. 0.03 min

Lab File: BF115362.D

Acq: 2 Jul 2019 16:27

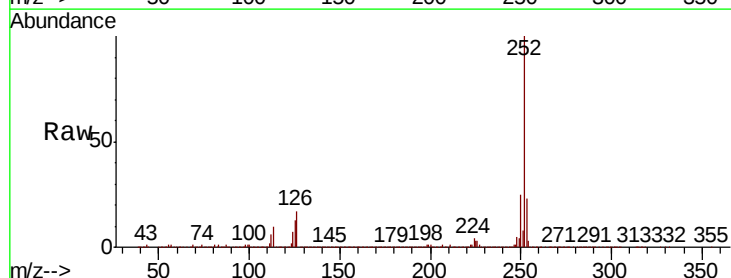
Tgt Ion:252 Resp: 1172754

Ion Ratio Lower Upper

252 100

253 22.6 18.3 27.5

125 12.9 10.9 16.3

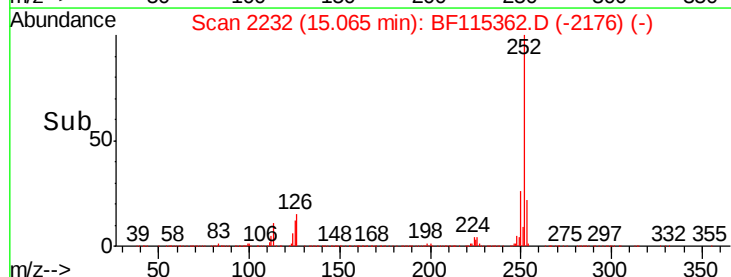
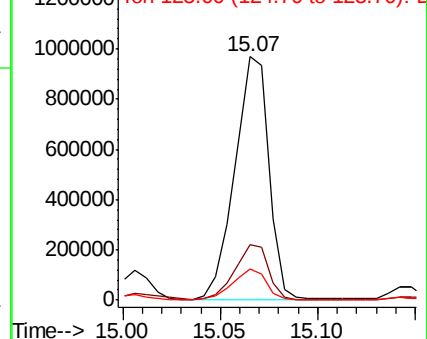


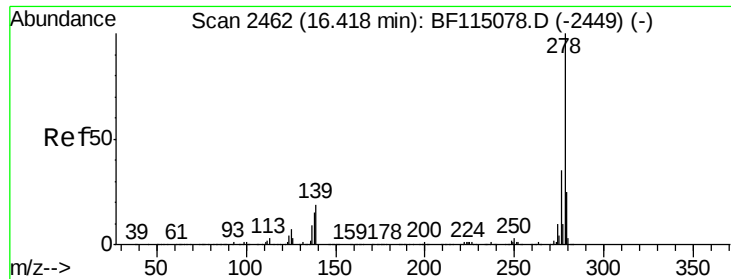
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

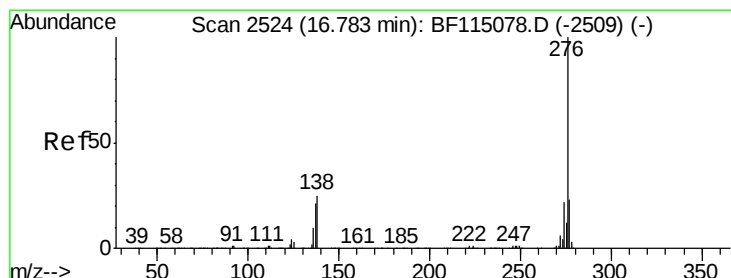
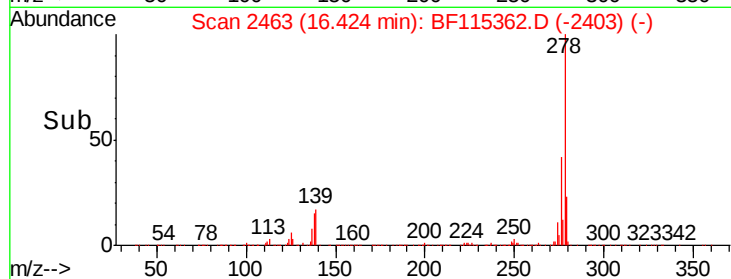
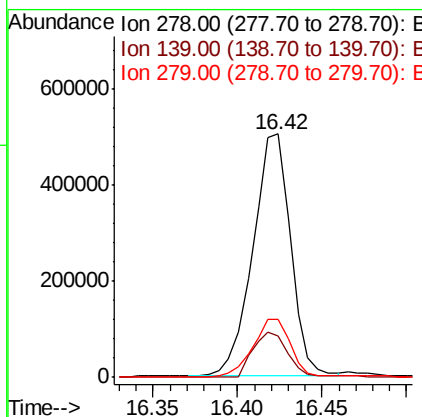
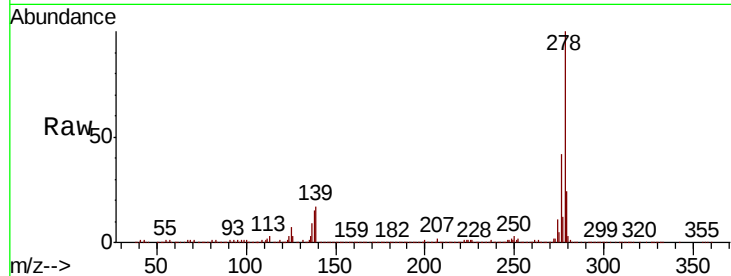




#91
Dibenzo(a,h)anthracene
Concen: 28.799 ng
RT: 16.42 min Scan# 2463
Delta R.T. 0.05 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Tgt Ion:278 Resp: 781048
Ion Ratio Lower Upper
278 100
139 17.0 15.4 23.2
279 23.8 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 29.076 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.05 min
Lab File: BF115362.D
Acq: 2 Jul 2019 16:27

Tgt Ion:276 Resp: 798134
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 24.1 19.8 29.6

