

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
 Data File : BF112299.D
 Acq On : 29 Jan 2019 17:06
 Operator : JU/SJ
 Sample : K1260-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EL-EAST-OF-JDHS

Quant Time: Jan 30 00:51:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

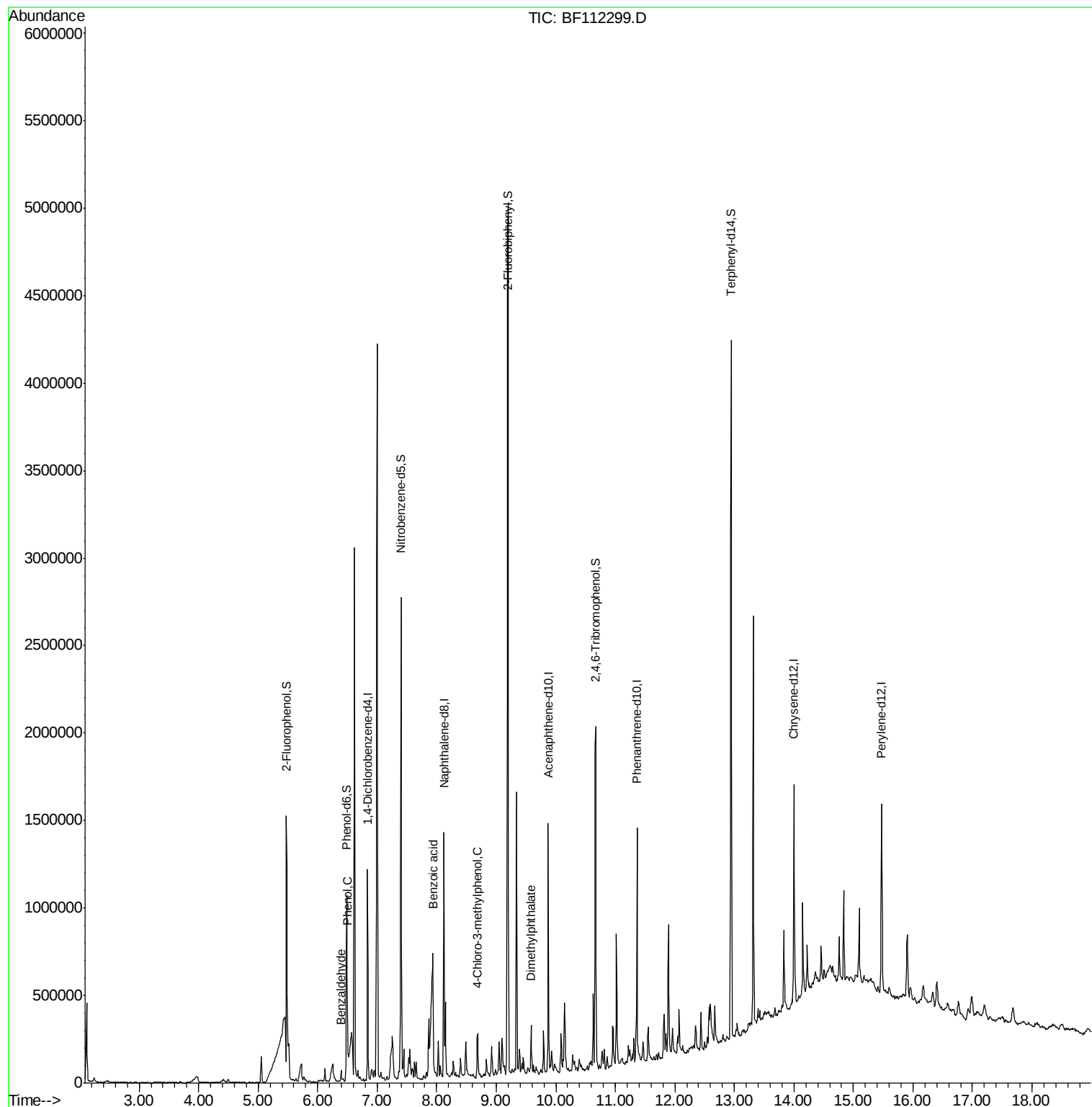
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	169002	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	624641	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	273679	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	447266	20.00	ng	0.00
76) Chrysene-d12	14.00	240	389198	20.00	ng	0.00
87) Perylene-d12	15.47	264	372738	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	441966	55.55	ng	0.00
7) Phenol-d6	6.49	99	358447	32.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	920974	84.95	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	261613	82.12	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1673577	86.49	ng	0.00
79) Terphenyl-d14	12.94	244	1289811	62.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	14991	2.594	ng	Qvalue 100
10) Phenol	6.50	94	38158	3.146	ng	82
32) Benzoic acid	7.94	122	141918	31.210	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	59930	6.346	ng	97
50) Dimethylphthalate	9.59	163	102640	4.827	ng	97

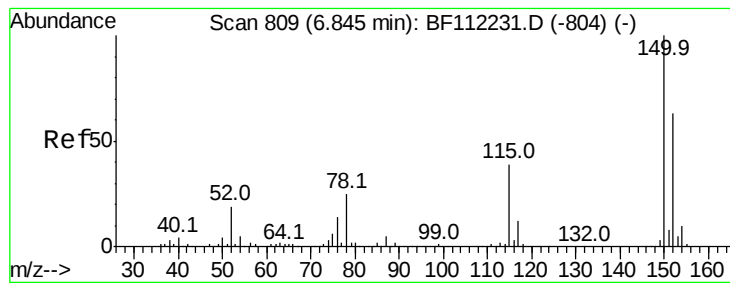
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112299.D

Acq: 29 Jan 2019 17:06

Instrument :

BNA_F

ClientSampleId :

EL-EAST-OF-JDHS

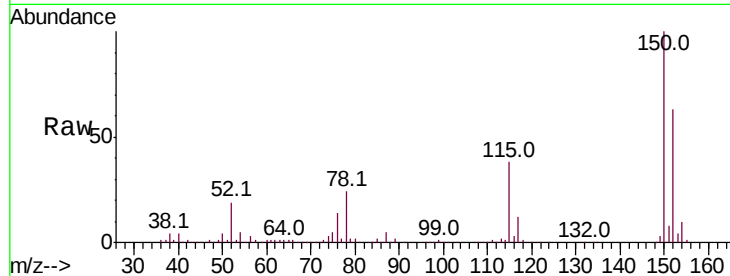
Tot Ion:152 Resp: 169002

Ion Ratio Lower Upper

152 100

150 158.9 127.4 191.0

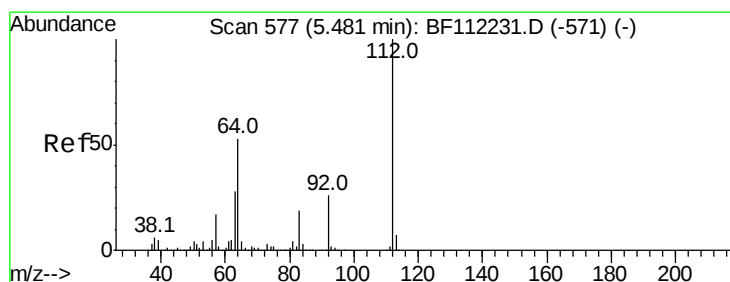
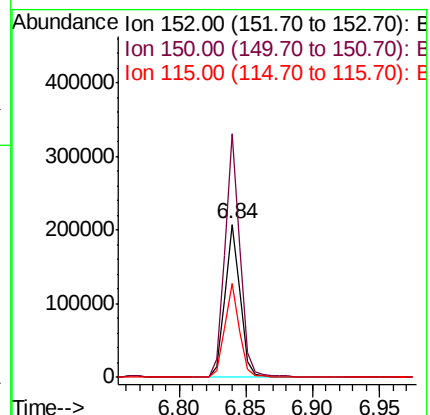
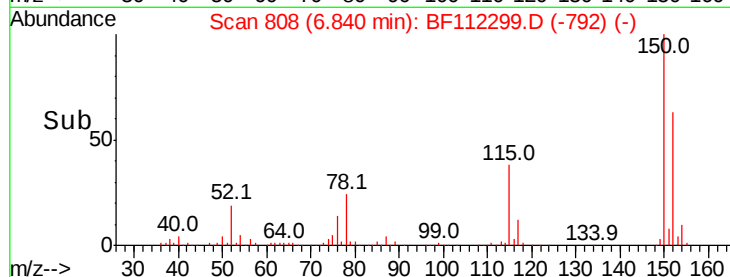
115 61.0 45.5 68.3



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



#5

2-Fluorophenol

Concen: 55.548 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112299.D

Acq: 29 Jan 2019 17:06

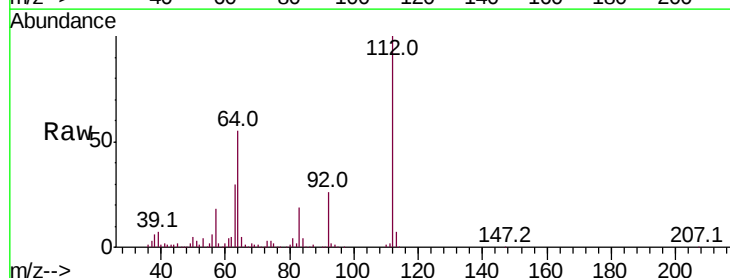
Tgt Ion:112 Resp: 441966

Ion Ratio Lower Upper

112 100

64 55.1 45.7 68.5

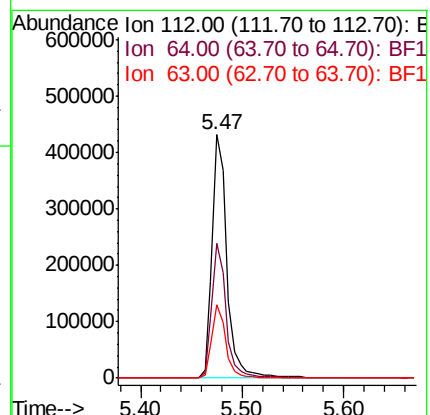
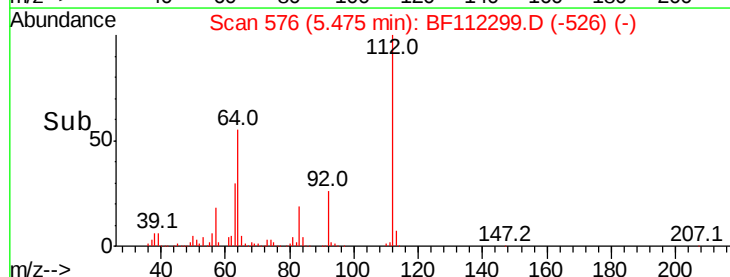
63 29.9 23.6 35.4

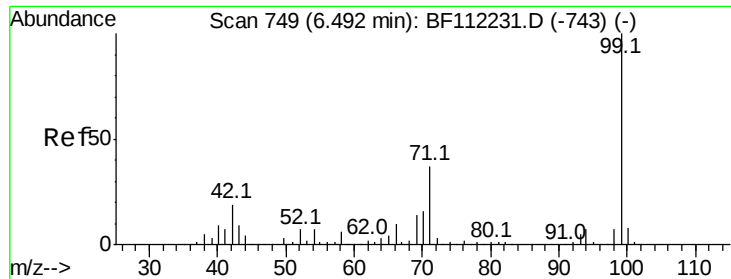


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 32.421 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112299.D

Acq: 29 Jan 2019 17:06

Instrument :

BNA_F

ClientSampleId :

EL-EAST-OF-JDHS

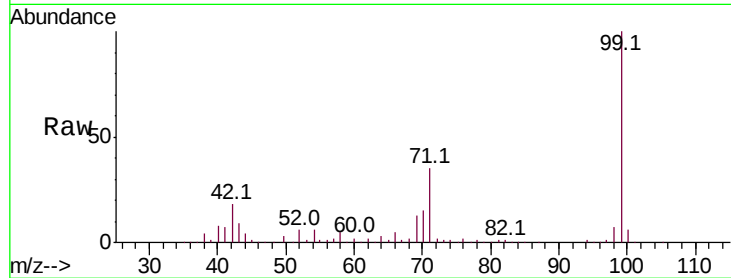
Tot Ion: 99 Resp: 358447

Ion Ratio Lower Upper

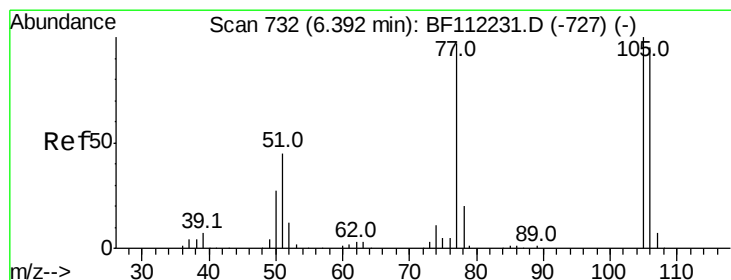
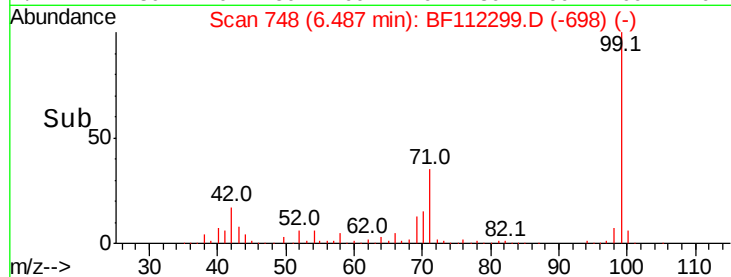
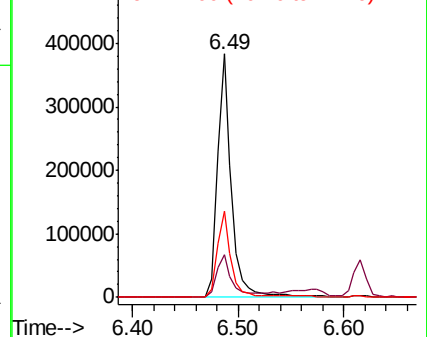
99 100

42 17.6 15.1 22.7

71 35.3 26.9 40.3



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



#9

Benzaldehyde

Concen: 2.594 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF112299.D

Acq: 29 Jan 2019 17:06

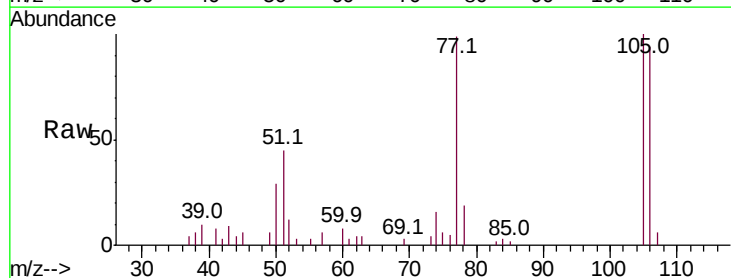
Tgt Ion: 77 Resp: 14991

Ion Ratio Lower Upper

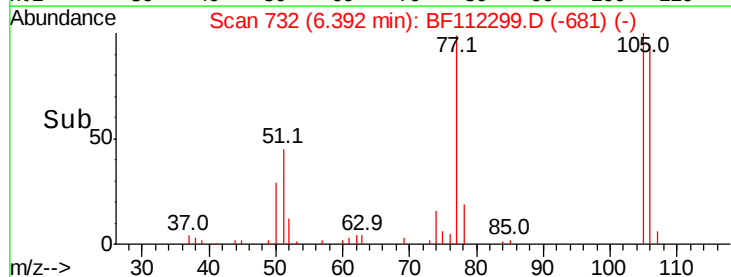
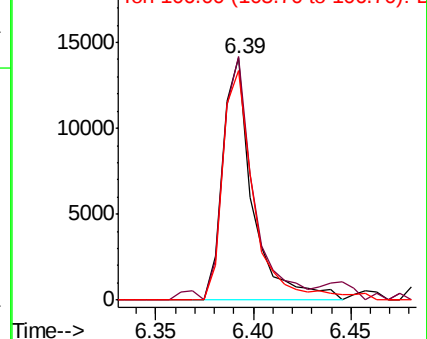
77 100

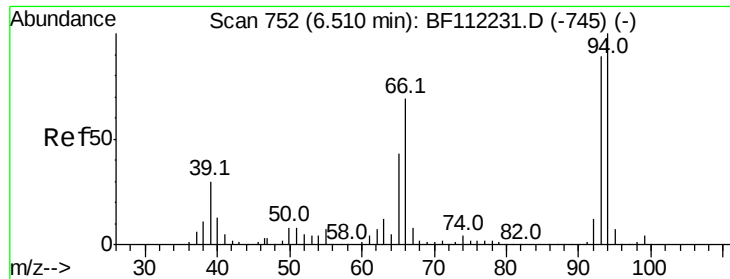
105 100.7 80.8 120.8

106 95.1 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

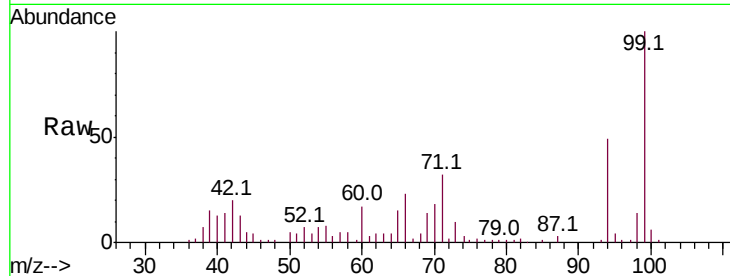




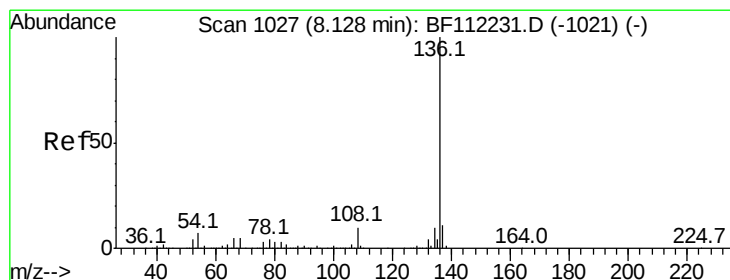
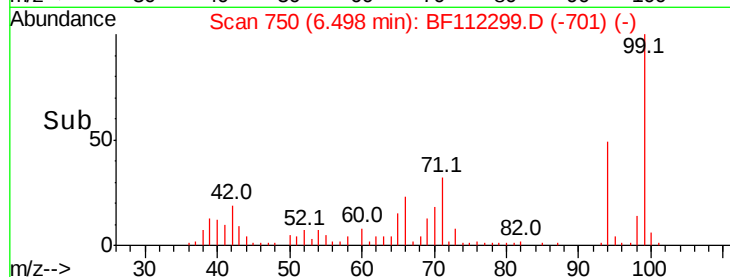
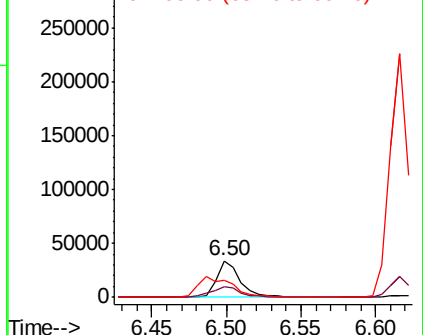
#10
Phenol
Concen: 3.146 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF112299.D
Acq: 29 Jan 2019 17:06

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion: 94 Resp: 38158
Ion Ratio Lower Upper
94 100
65 30.2 20.3 60.3
66 47.8 42.4 82.4

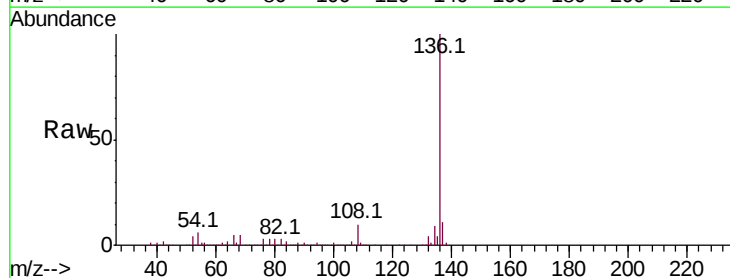


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

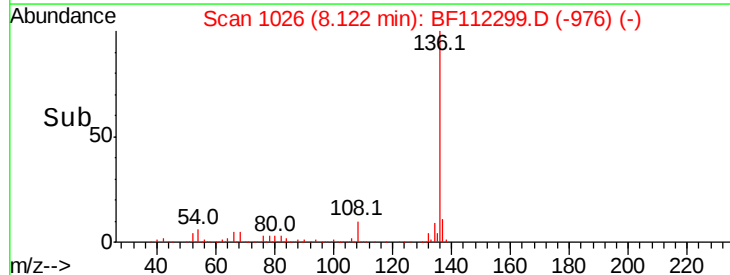
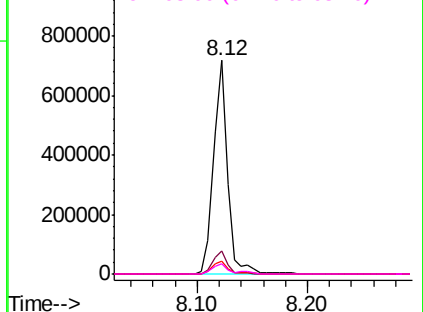


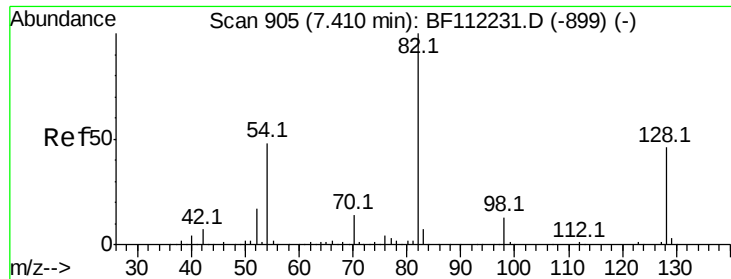
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112299.D
Acq: 29 Jan 2019 17:06

Tgt Ion: 136 Resp: 624641
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.3 5.9 8.9
68 4.8 5.1 7.7#



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

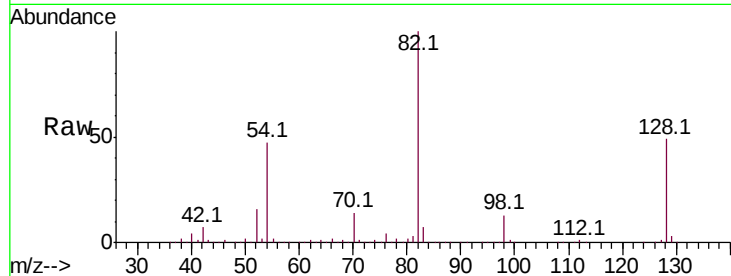




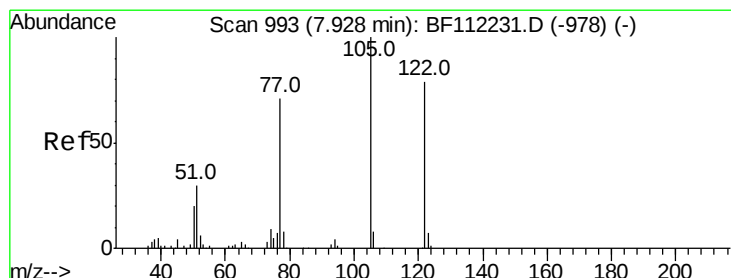
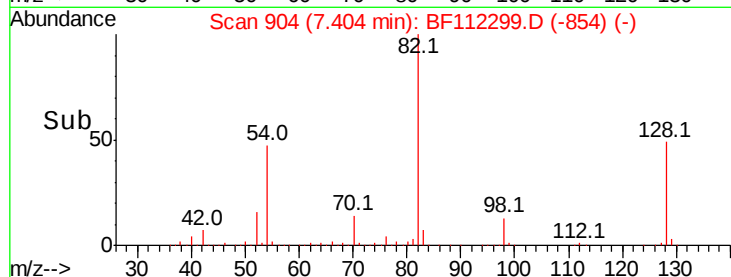
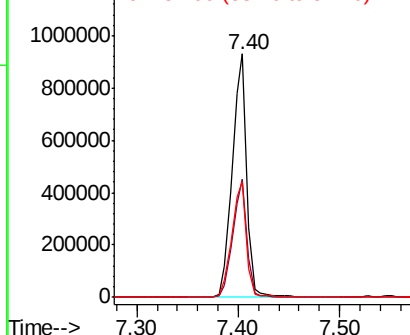
#23
Nitrobenzene-d5
Concen: 84.955 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112299.D
Acq: 29 Jan 2019 17:06

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion: 82 Resp: 920974
Ion Ratio Lower Upper
82 100
128 48.6 37.8 56.8
54 47.3 39.7 59.5

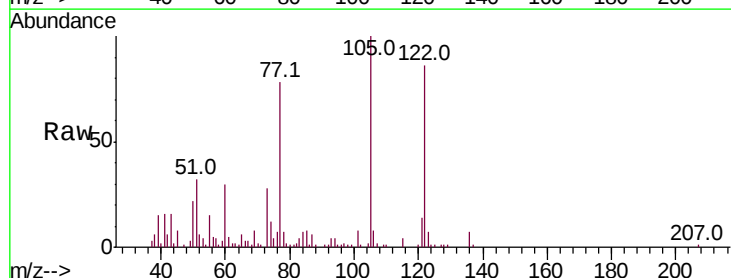


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

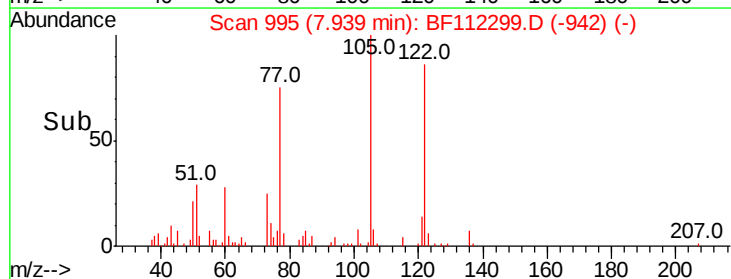
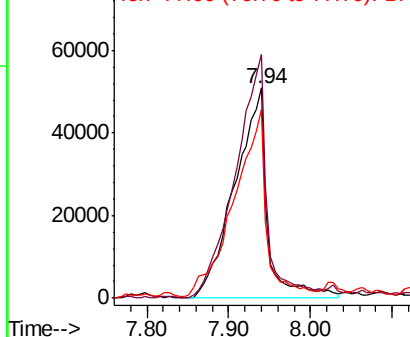


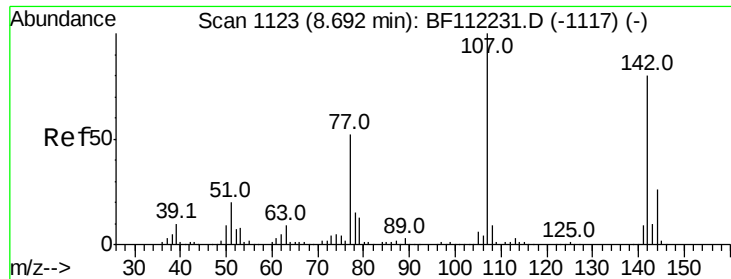
#32
Benzoic acid
Concen: 31.210 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BF112299.D
Acq: 29 Jan 2019 17:06

Tgt Ion:122 Resp: 141918
Ion Ratio Lower Upper
122 100
105 115.8 101.2 141.2
77 90.0 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

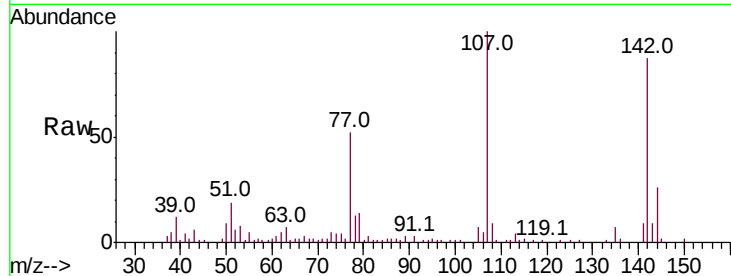




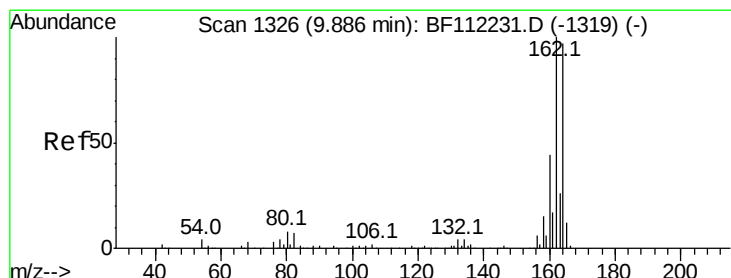
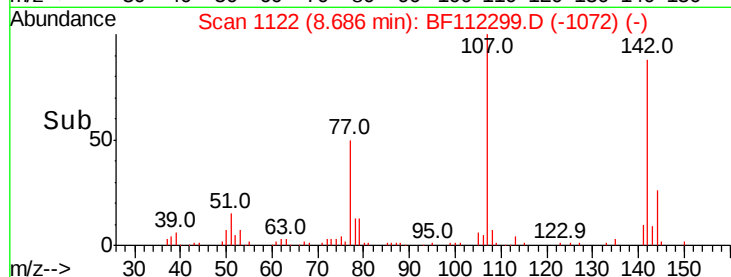
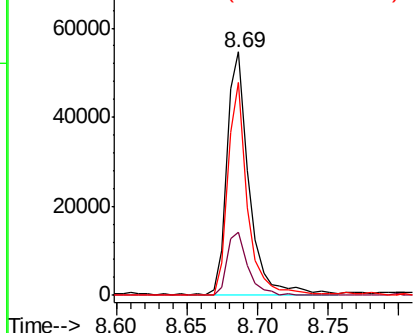
#36
 4-Chloro-3-methylphenol
 Concen: 6.346 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112299.D
 Acq: 29 Jan 2019 17:06

Instrument :
 BNA_F
 ClientSampleId :
 EL-EAST-OF-JDHS

Tot Ion:107 Resp: 59930
 Ion Ratio Lower Upper
 107 100
 144 26.0 22.2 33.2
 142 87.2 67.7 101.5

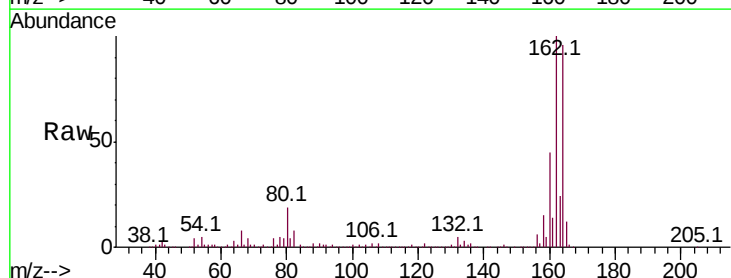


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

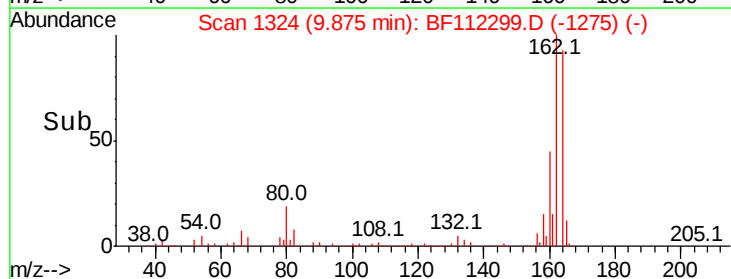
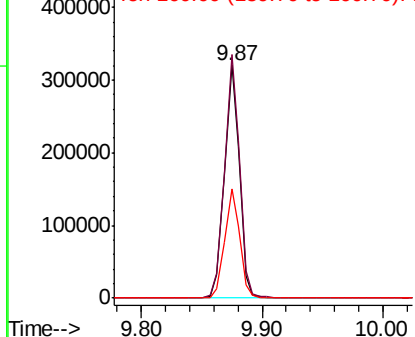


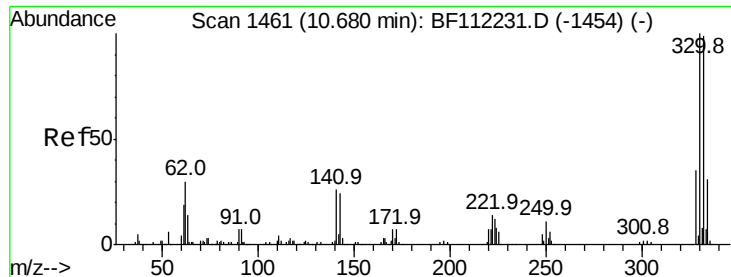
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112299.D
 Acq: 29 Jan 2019 17:06

Tgt Ion:164 Resp: 273679
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.2 123.4
 160 46.8 36.2 54.4



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

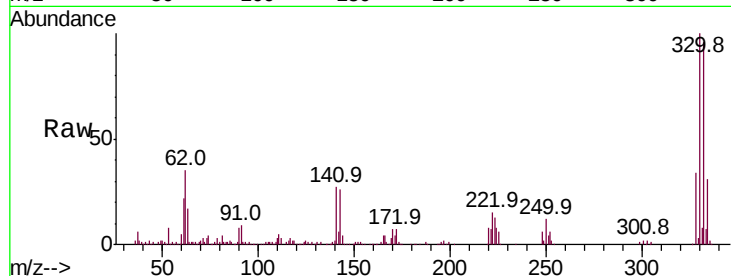




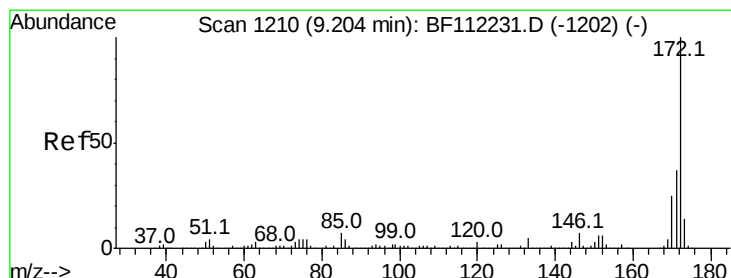
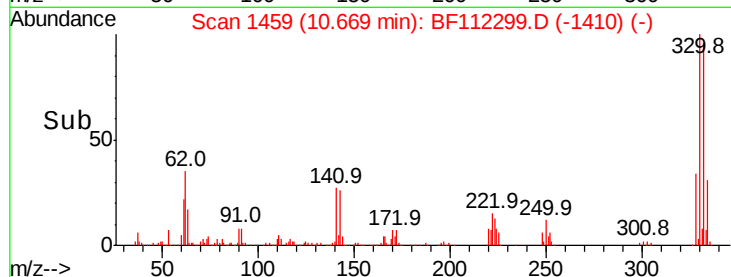
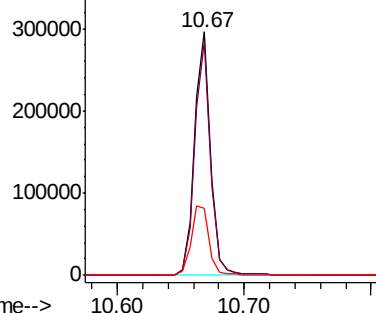
#42
 2,4,6-Tribromophenol
 Concen: 82.125 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112299.D
 Acq: 29 Jan 2019 17:06

Instrument :
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 EL-EAST-OF-JDHS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	32.4	24.3	36.5

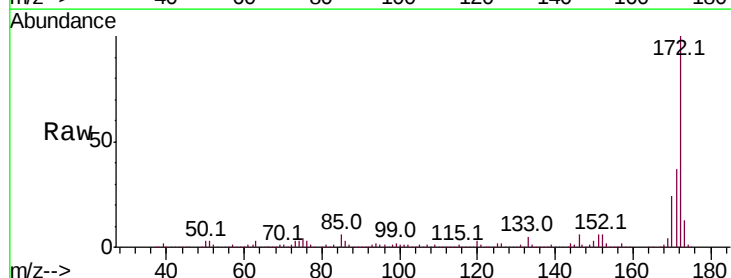


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

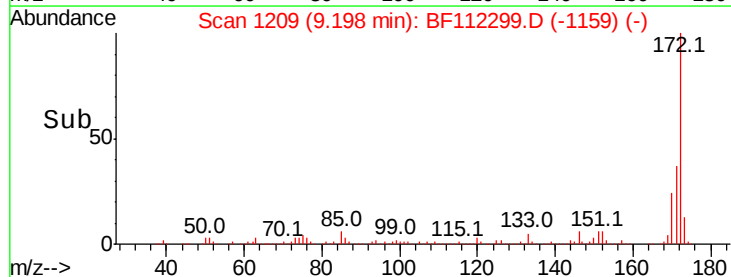
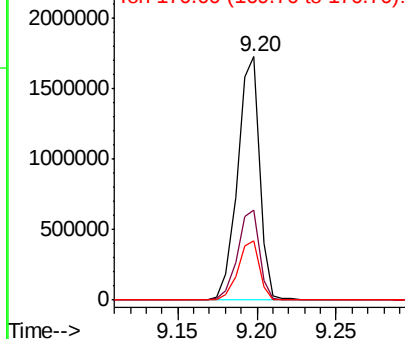


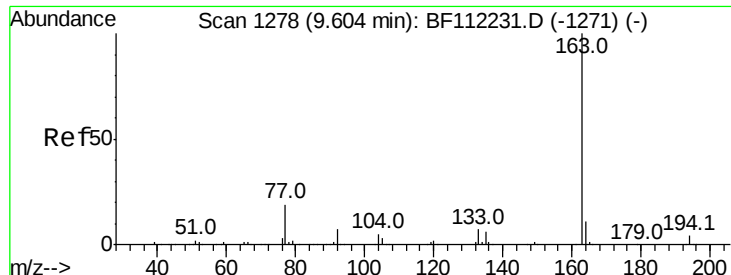
#45
 2-Fluorobiphenyl
 Concen: 86.488 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112299.D
 Acq: 29 Jan 2019 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.4	20.2	30.4



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





#50

Dimethylphthalate

Concen: 4.827 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112299.D

Acq: 29 Jan 2019 17:06

Instrument :

BNA_F

ClientSampleId :

EL-EAST-OF-JDHS

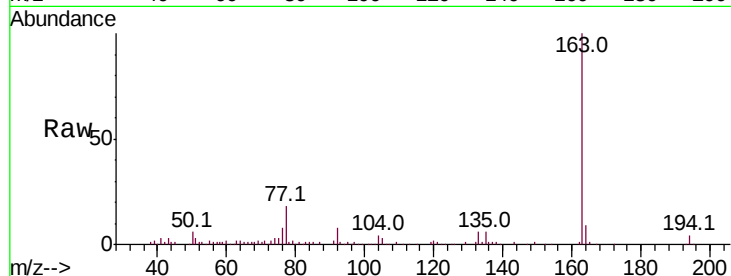
Tot Ion:163 Resp: 102640

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

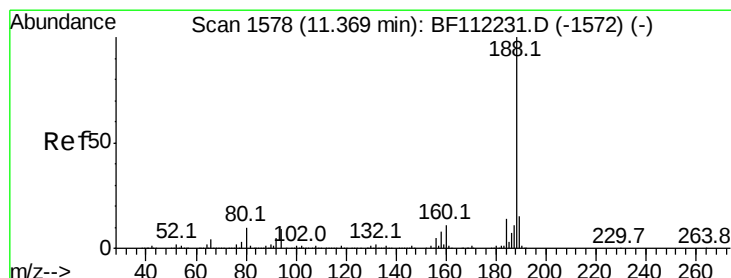
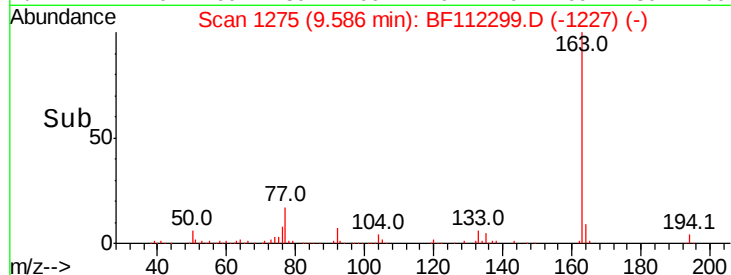
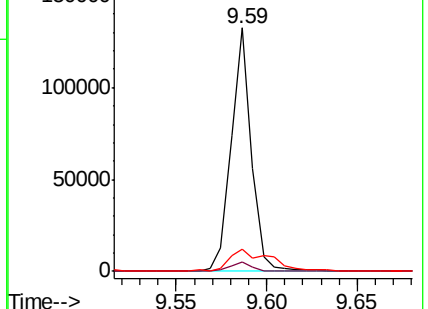
164 9.1 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112299.D

Acq: 29 Jan 2019 17:06

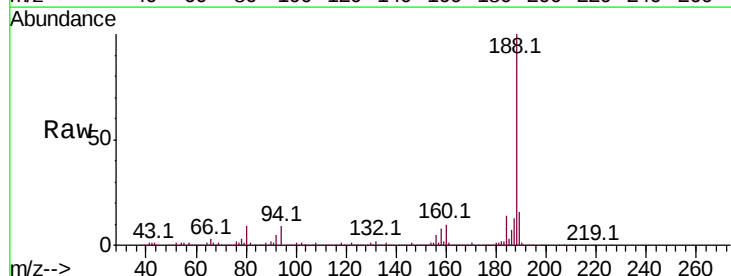
Tgt Ion:188 Resp: 447266

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

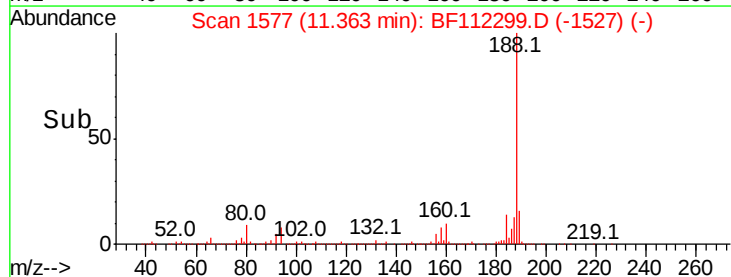
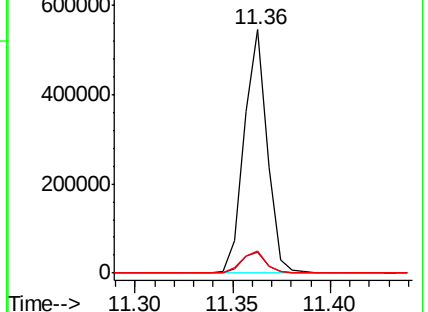
80 8.9 8.9 13.3

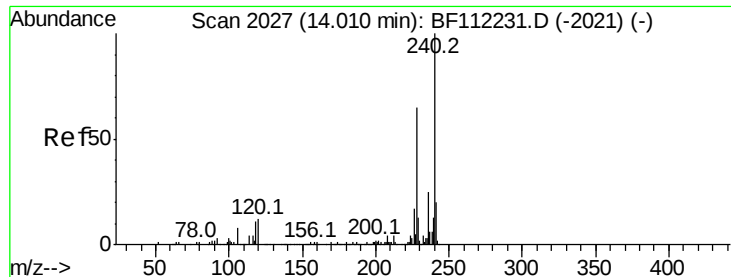


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112299.D

Acq: 29 Jan 2019 17:06

Instrument :

BNA_F

ClientSampleId :

EL-EAST-OF-JDHS

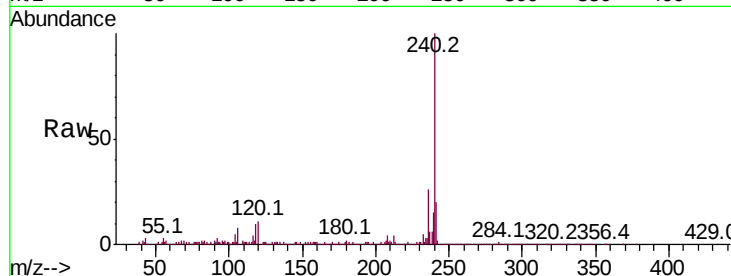
Tot Ion:240 Resp: 389198

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

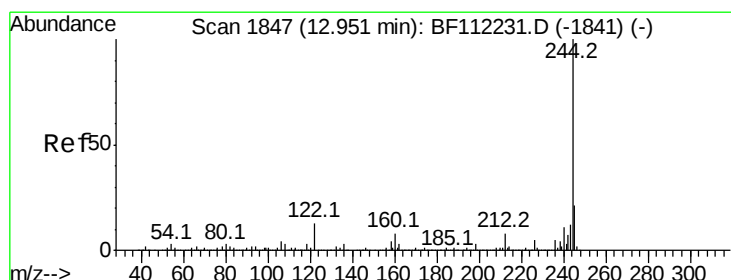
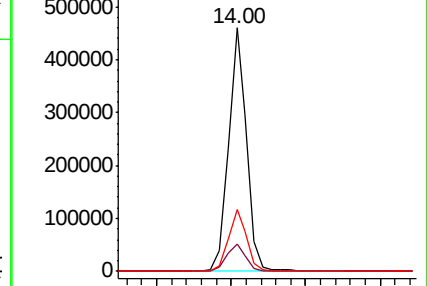
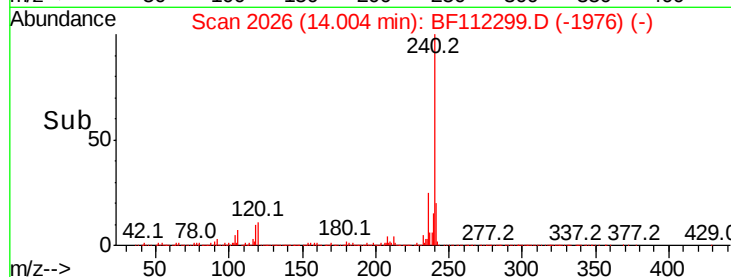
236 25.6 20.7 31.1



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



#79

Terphenyl-d14

Concen: 62.418 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112299.D

Acq: 29 Jan 2019 17:06

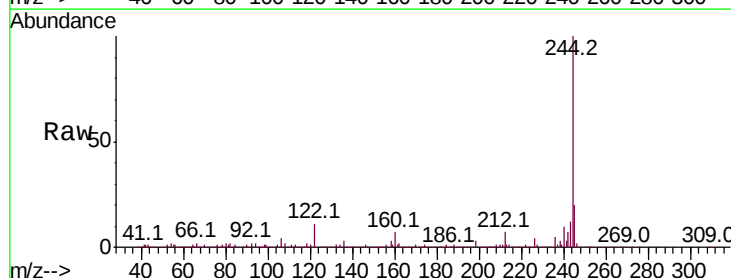
Tgt Ion:244 Resp: 1289811

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

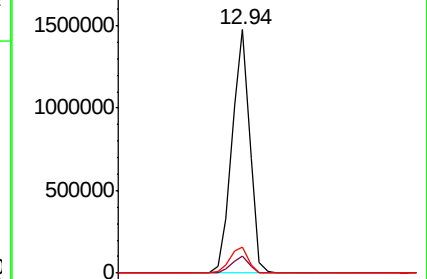
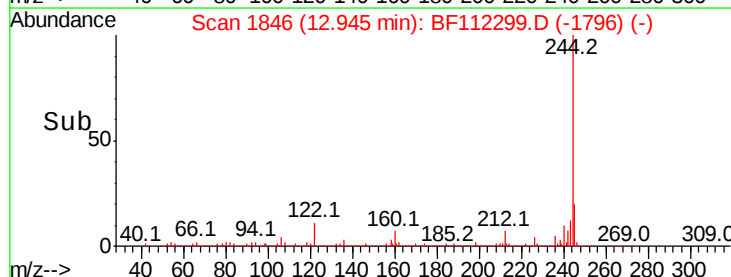
122 10.9 9.8 14.6

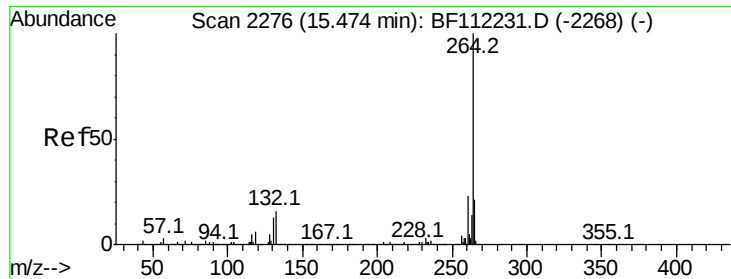


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112299.D
Acq: 29 Jan 2019 17:06

Instrument :
BNA_F
ClientSampleId :
EL-EAST-OF-JDHS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.2
265	21.6	17.0	25.4

