

Data File : BF114755.D
Acq On : 1 Jun 2019 14:25
Operator : HP/JU
Sample : K3097-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0440-PR-3(PASSAIC)

Quant Time: Jun 03 01:39:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	351224	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1297566	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	639060	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1246120	20.00	ng	0.00
76) Chrysene-d12	13.81	240	854329	20.00	ng	0.00
87) Perylene-d12	15.20	264	866055	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2213708	110.66	ng	0.01
7) Phenol-d6	6.33	99	2705932	112.25	ng	0.00
23) Nitrobenzene-d5	7.25	82	1640315	78.87	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	687071	112.83	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2740452	79.52	ng	0.00
79) Terphenyl-d14	12.77	244	3026755	66.61	ng	0.00

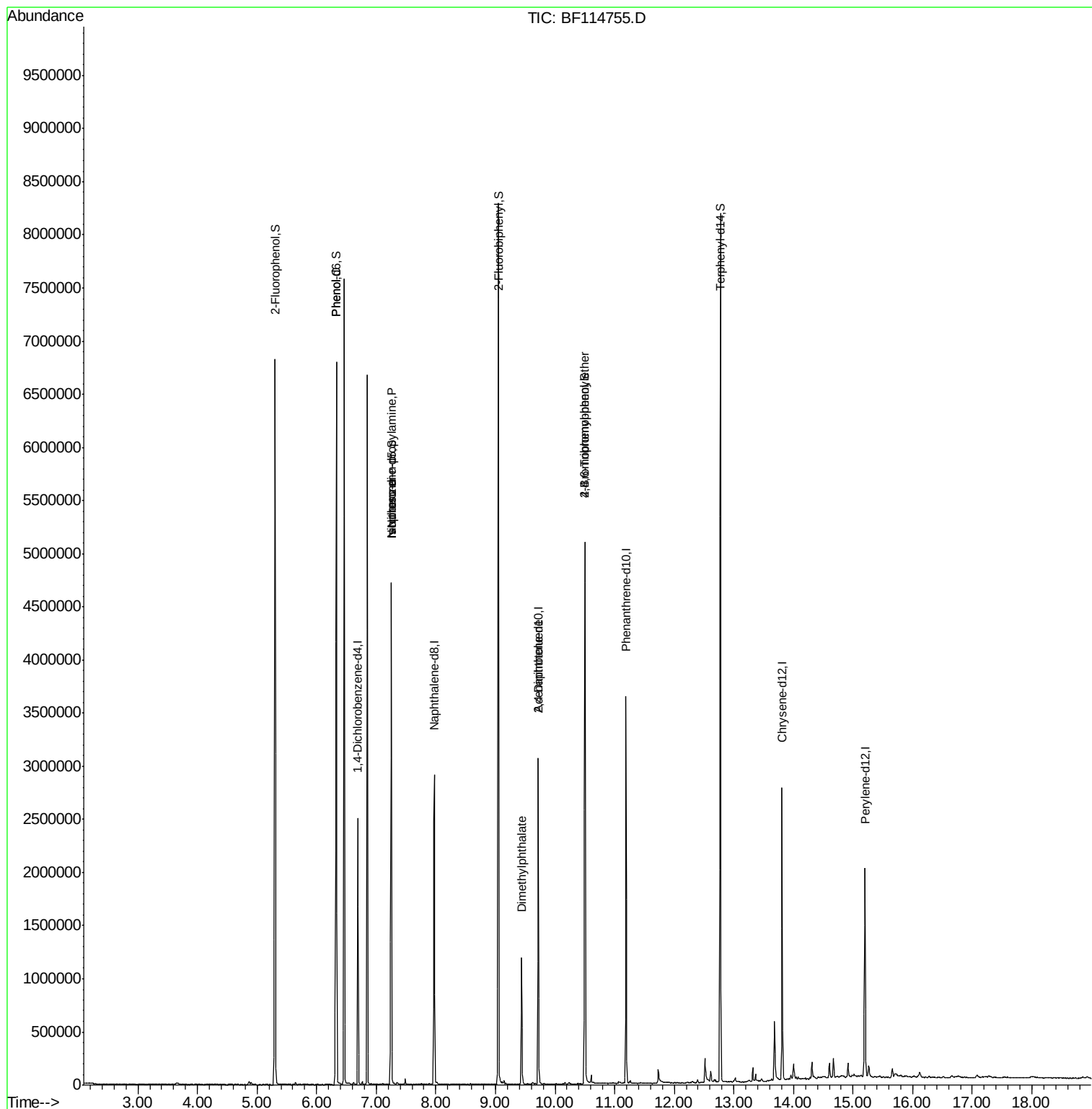
Target Compounds				Qvalue		
9) Benzaldehyde	6.46	77	51151	Below Cal		84
10) Phenol	6.34	94	114307	3.925 ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	219251	13.177 ng	#	76
25) Isophorone	7.25	82	1595159	38.218 ng	#	63
50) Dimethylphthalate	9.44	163	456270	10.246 ng		98
57) 2,4-Dinitrotoluene	9.72	165	83845	6.314 ng	#	23
58) Fluorene	10.50	166	32450	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.50	248	44265	3.313 ng	#	1
74) Di-n-butylphthalate	11.76	149	3974	Below Cal	#	89

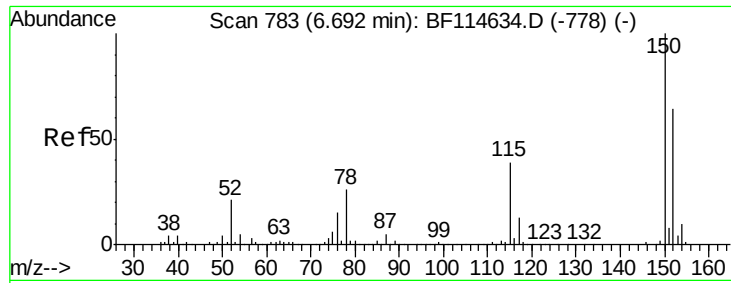
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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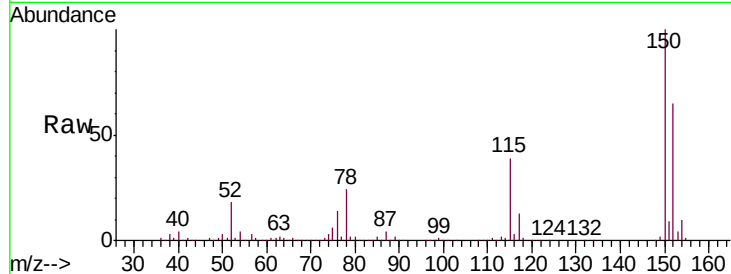


#1

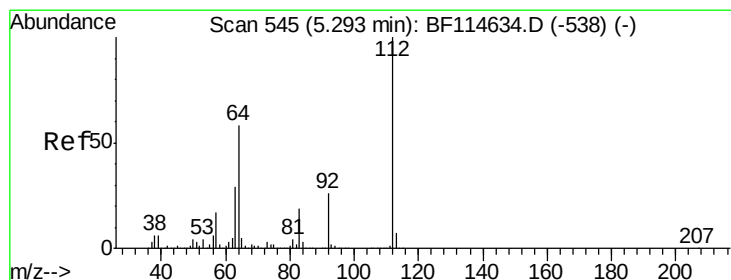
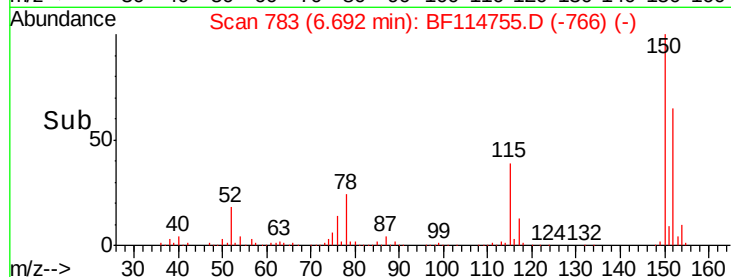
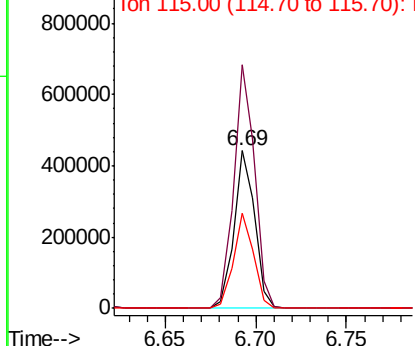
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Instrument :
BNA_F
ClientSampleId :
0440-PR-3(PASSAIC)

Tgt Ion:152 Resp: 351224
Ion Ratio Lower Upper
152 100
150 154.4 124.4 186.6
115 60.1 48.7 73.1



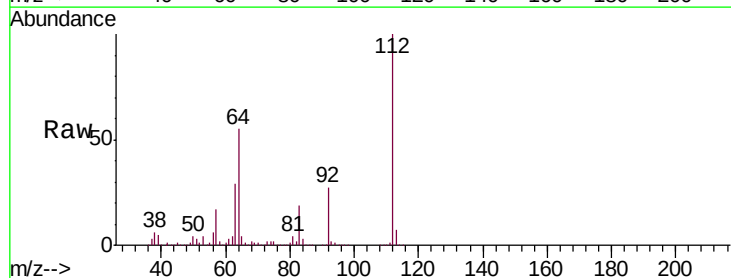
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



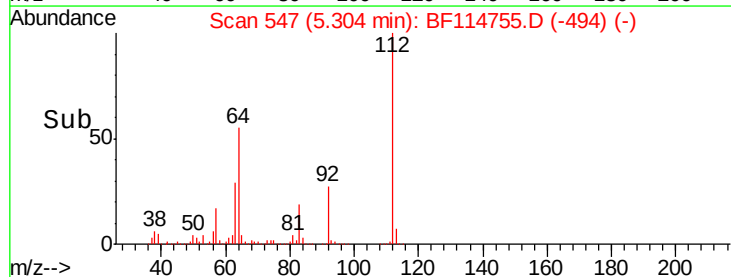
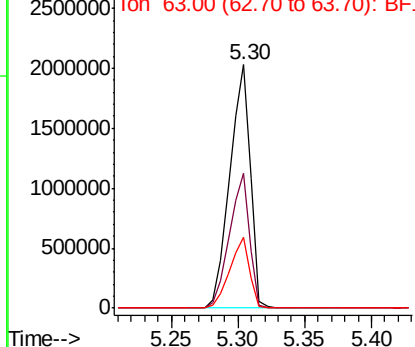
#5

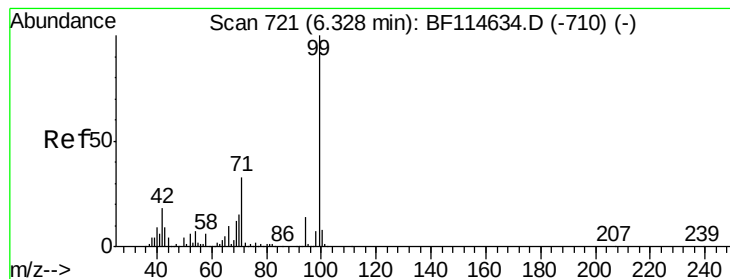
2-Fluorophenol
Concen: 110.659 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Tgt Ion:112 Resp: 2213708
Ion Ratio Lower Upper
112 100
64 55.3 46.1 69.1
63 29.0 23.4 35.2



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: 112.250 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114755.D

Acq: 1 Jun 2019 14:25

Instrument :

BNA_F

ClientSampleId :

0440-PR-3(PASSAIC)

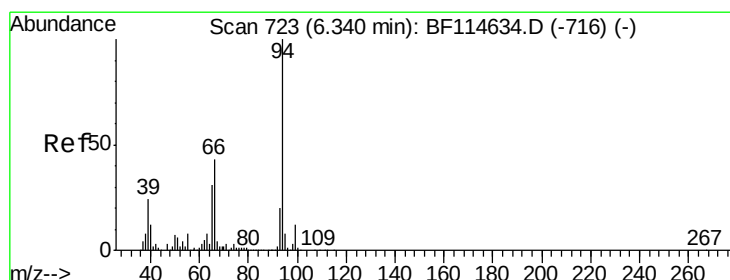
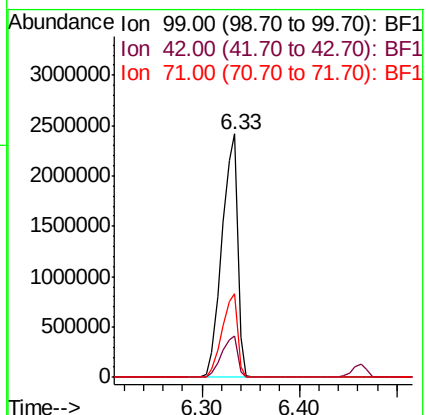
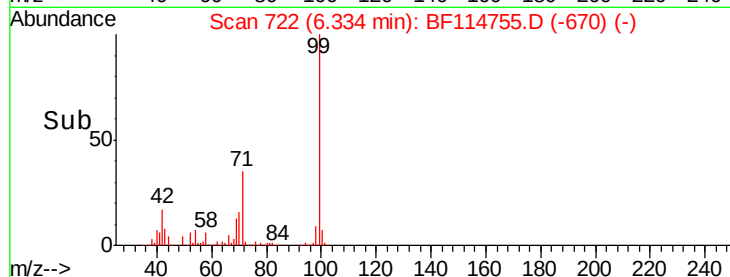
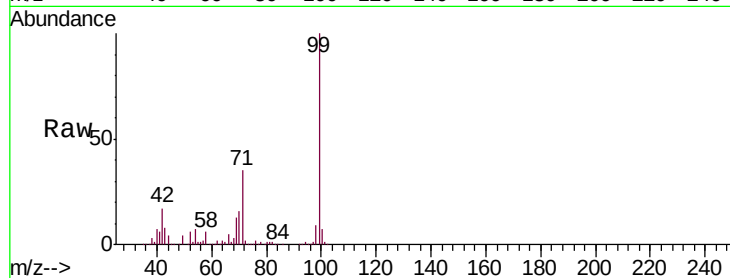
Tgt Ion: 99 Resp: 2705932

Ion Ratio Lower Upper

99 100

42 16.9 14.7 22.1

71 34.5 26.6 40.0



#10

Phenol

Concen: 3.925 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF114755.D

Acq: 1 Jun 2019 14:25

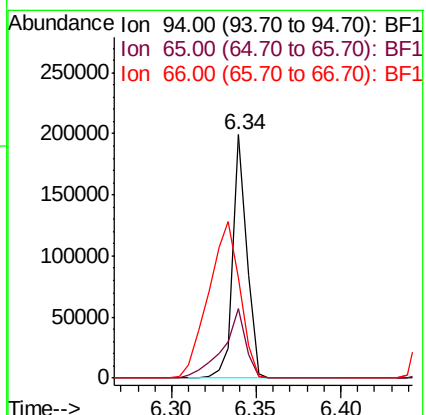
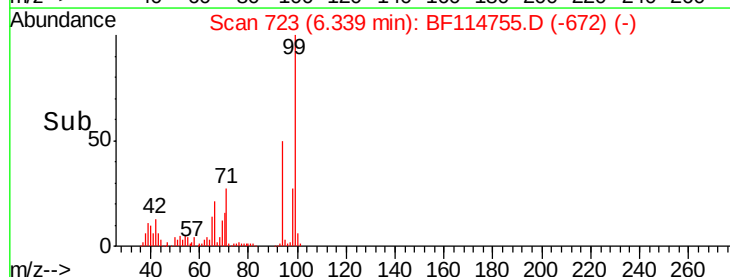
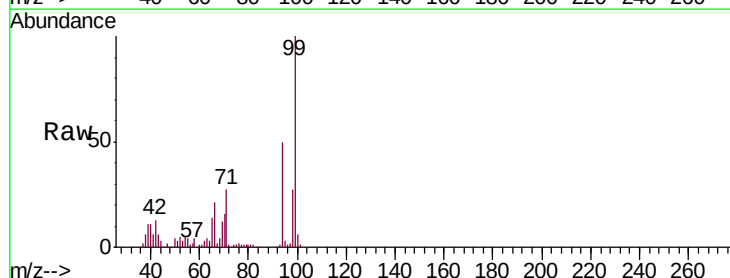
Tgt Ion: 94 Resp: 114307

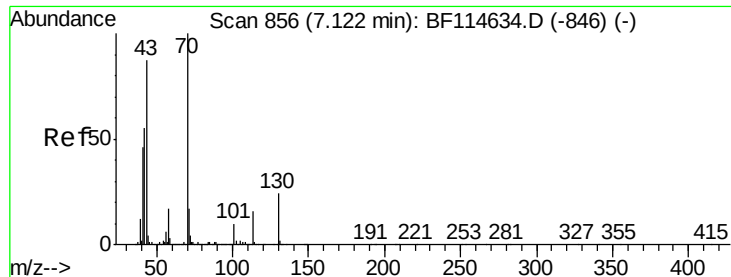
Ion Ratio Lower Upper

94 100

65 28.7 11.0 51.0

66 41.4 23.0 63.0

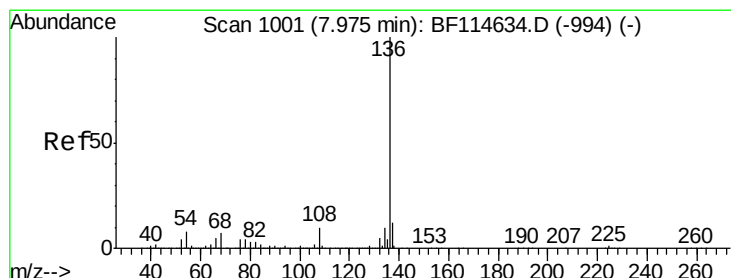
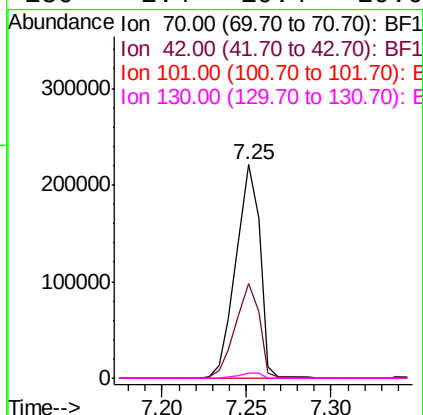
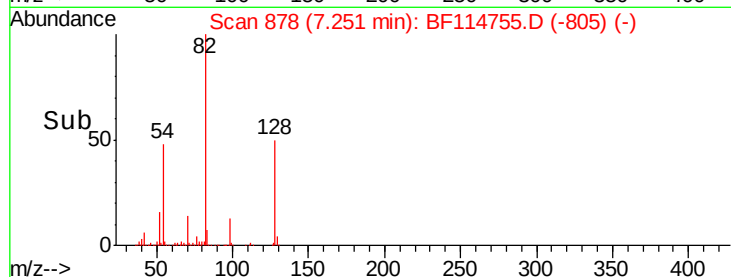
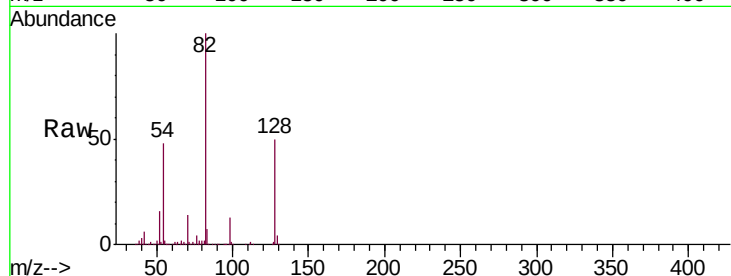




#19
n-Nitroso-di-n-propylamine
Concen: 13.177 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

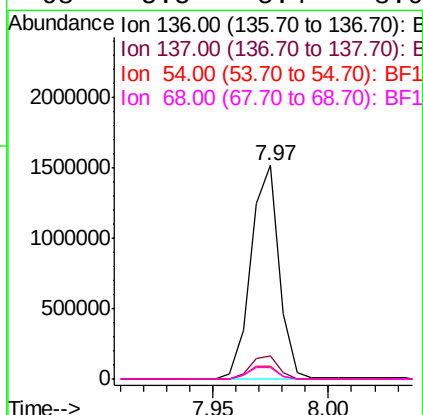
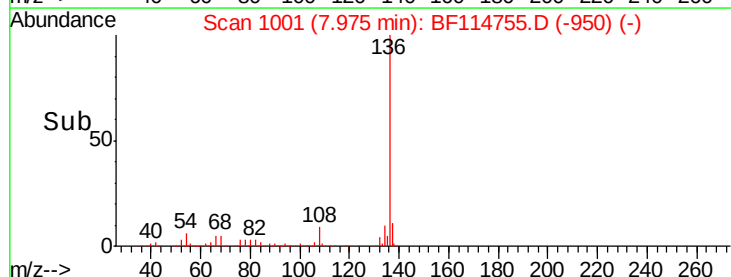
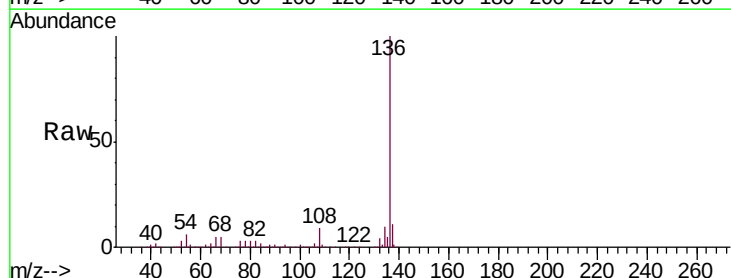
Instrument :
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ClientSampleId :
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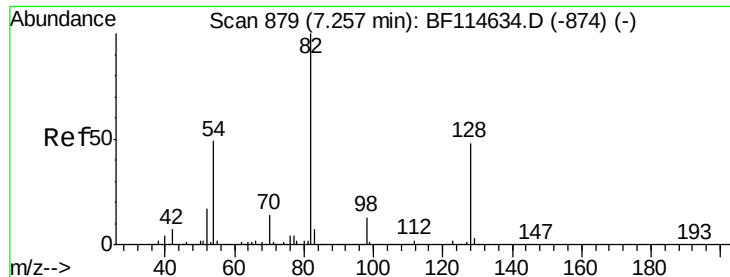
Tgt Ion: 70 Resp: 219251
Ion Ratio Lower Upper
70 100
42 44.5 44.4 66.6
101 0.0 8.2 12.4#
130 2.4 19.4 29.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Tgt Ion: 136 Resp: 1297566
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 6.1 6.3 9.5#
68 5.5 5.4 8.0

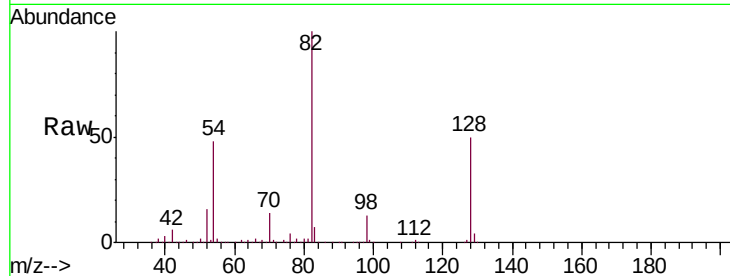




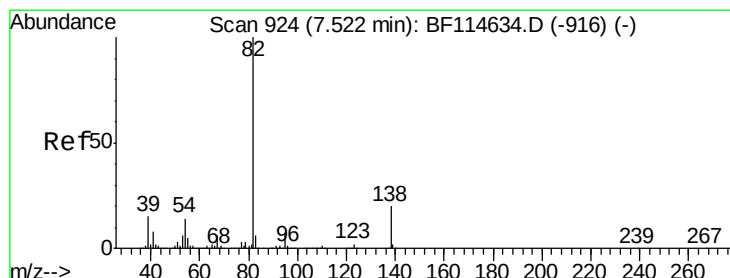
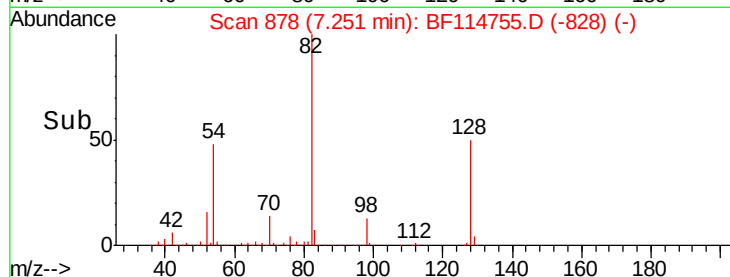
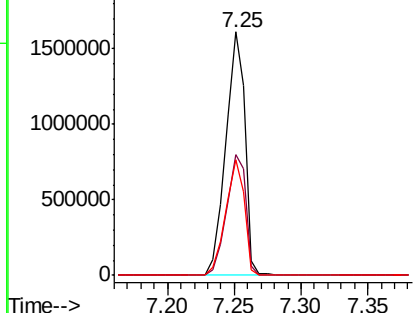
#23
Nitrobenzene-d5
Concen: 78.869 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Instrument :
BNA_F
ClientSampleId :
0440-PR-3(PASSAIC)

Tgt Ion: 82 Resp: 1640315
Ion Ratio Lower Upper
82 100
128 49.5 38.5 57.7
54 47.7 39.1 58.7

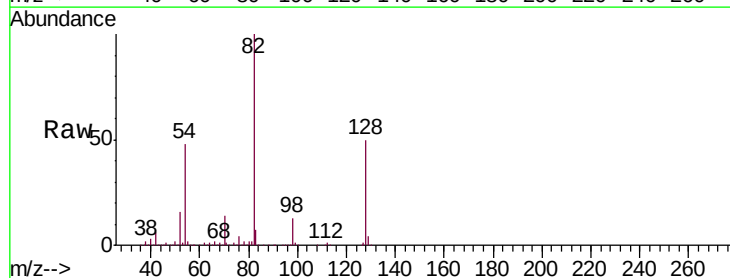


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

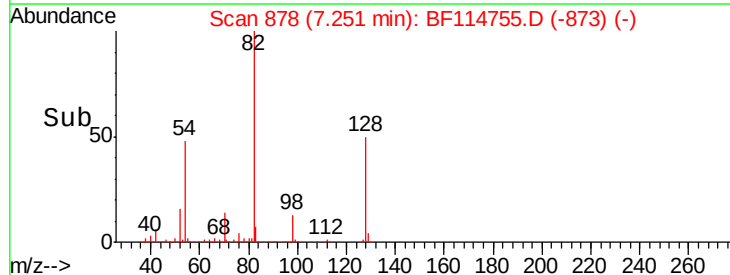
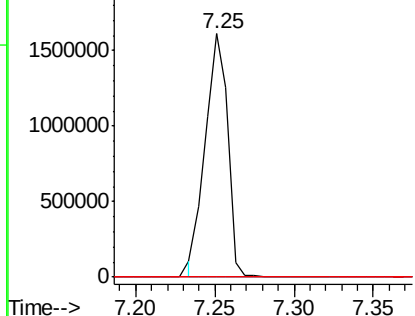


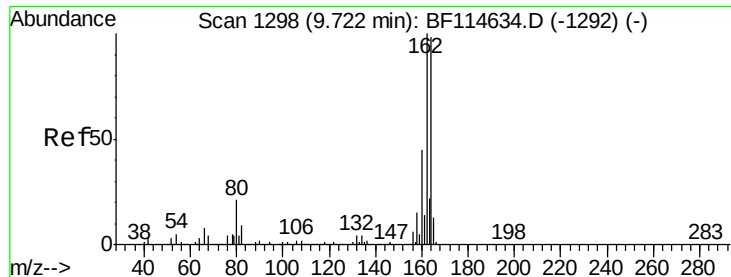
#25
Isophorone
Concen: 38.218 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Tgt Ion: 82 Resp: 1595159
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 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

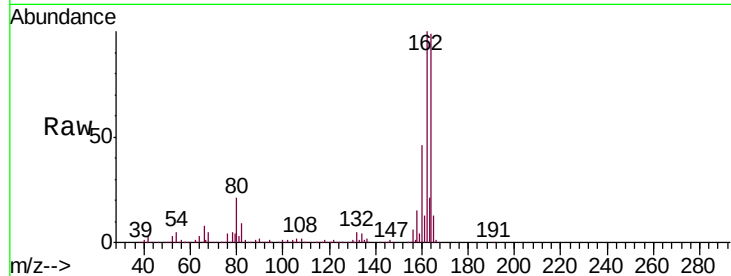




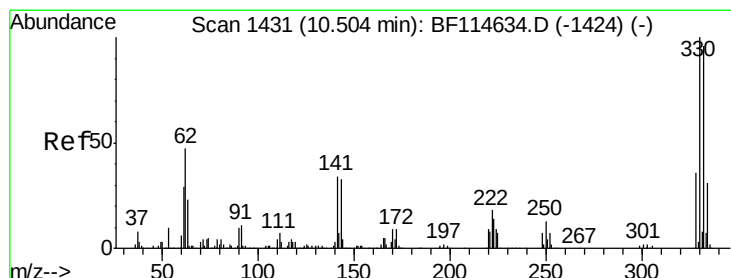
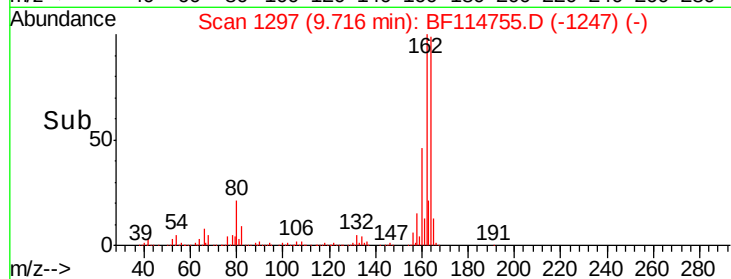
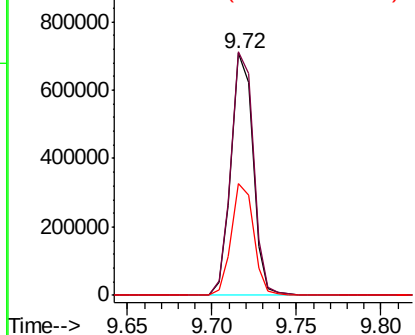
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Instrument :
BNA_F
ClientSampleId :
0440-PR-3(PASSAIC)

Tgt Ion:164 Resp: 639060
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.2
160 46.1 36.6 54.8

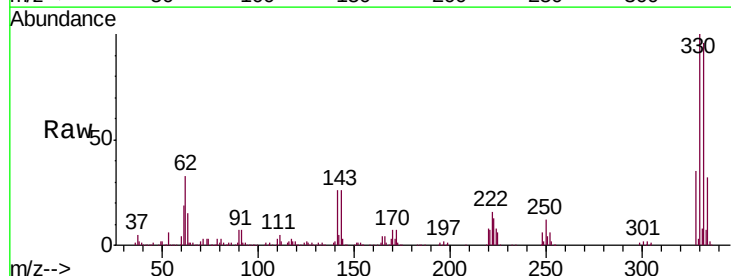


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

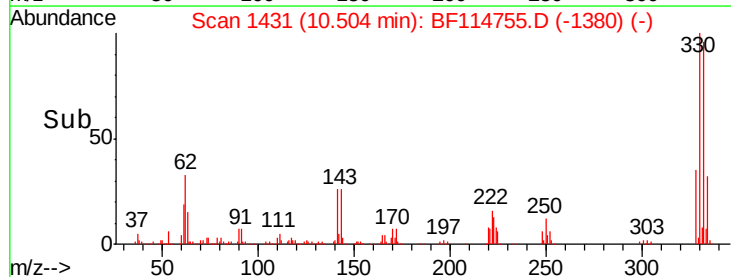
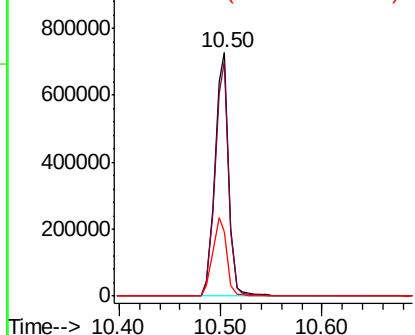


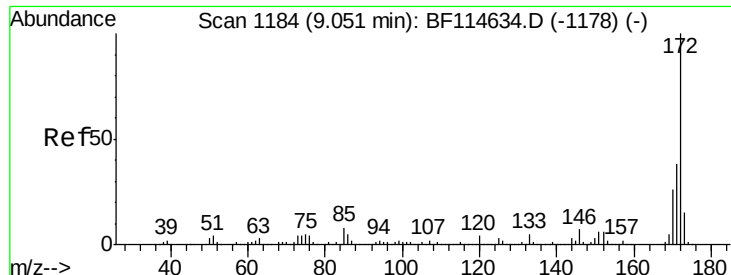
#42
2,4,6-Tribromophenol
Concen: 112.834 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Tgt Ion:330 Resp: 687071
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.8
141 33.1 27.8 41.8



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

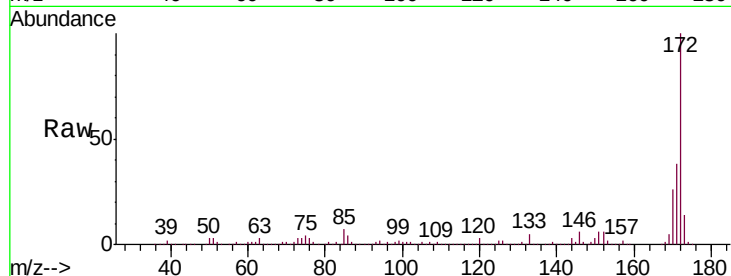




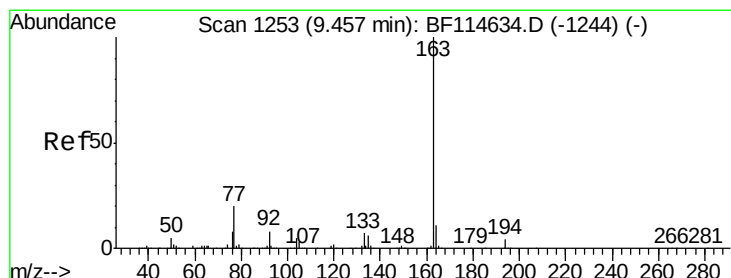
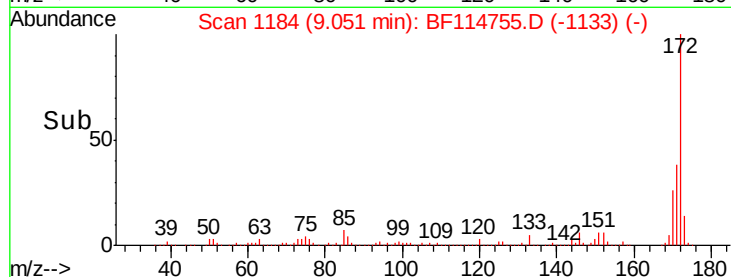
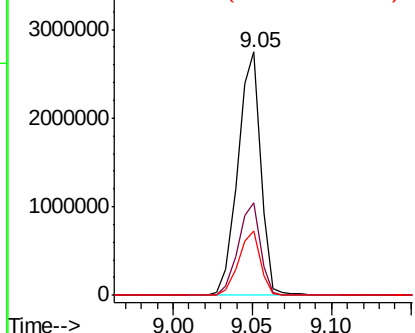
#45
2-Fluorobiphenyl
Concen: 79.523 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Instrument :
BNA_F
ClientSampleId :
0440-PR-3(PASSAIC)

Tgt Ion:172 Resp: 2740452
Ion Ratio Lower Upper
172 100
171 38.3 30.6 45.8
170 26.2 20.7 31.1

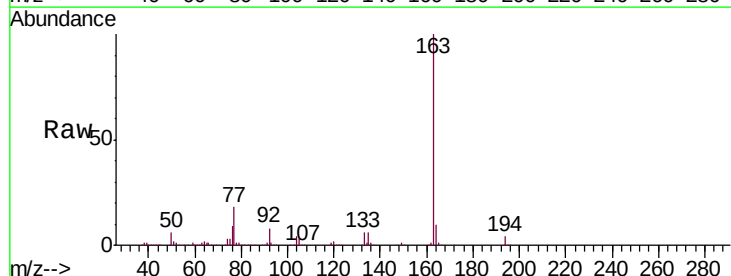


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

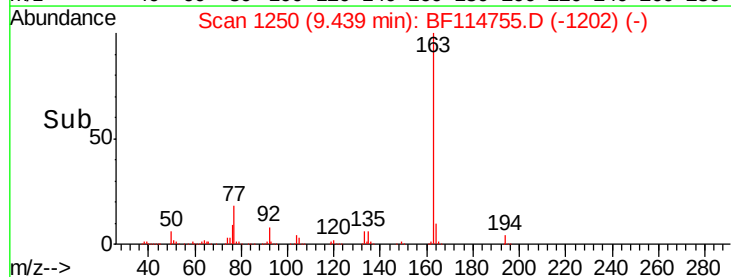
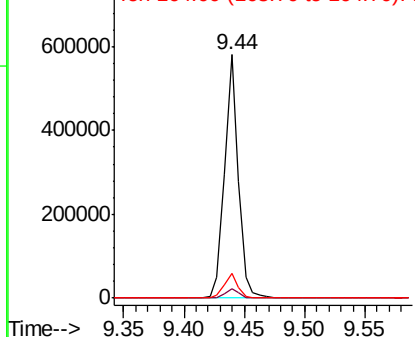


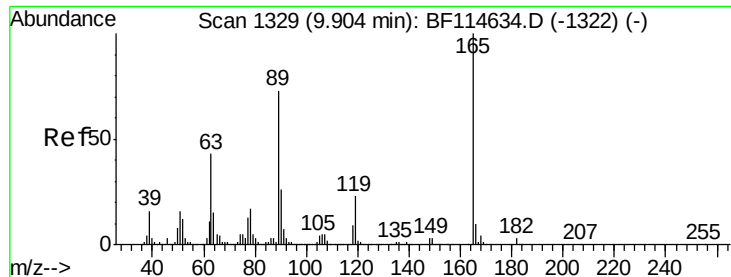
#50
Dimethylphthalate
Concen: 10.246 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Tgt Ion:163 Resp: 456270
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

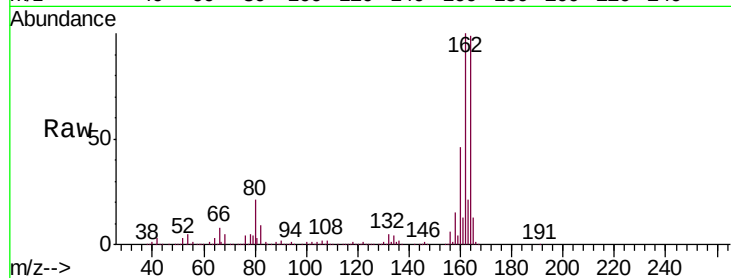




#57
2,4-Dinitrotoluene
Concen: 6.314 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.19 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Instrument :
BNA_F
ClientSampleId :
0440-PR-3(PASSAIC)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#



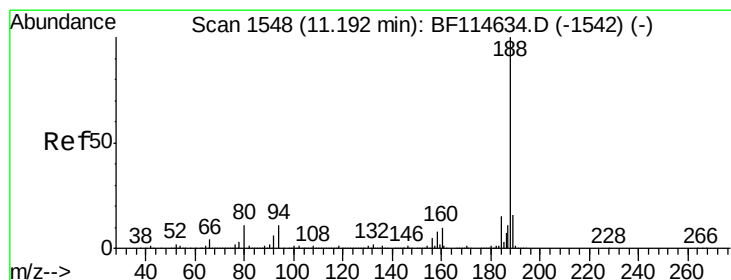
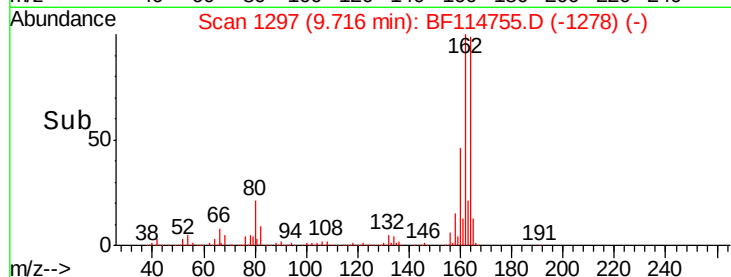
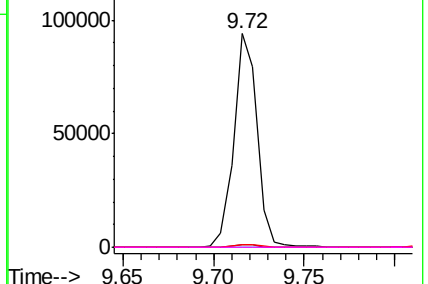
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

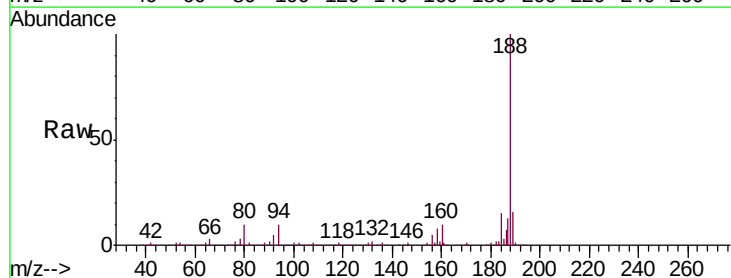
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114755.D
Acq: 1 Jun 2019 14:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	10.1	9.0	13.6

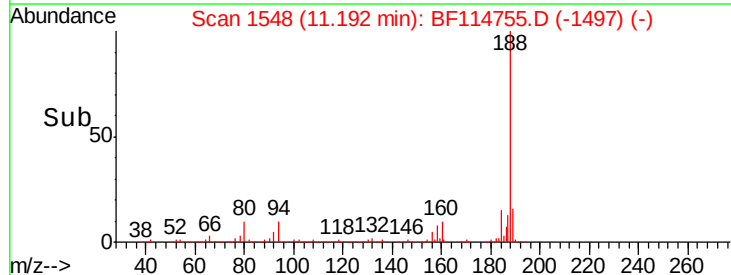
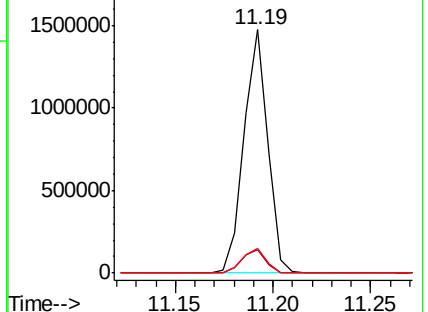


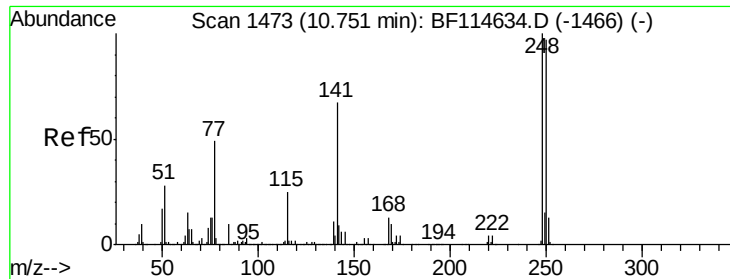
Abundance

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

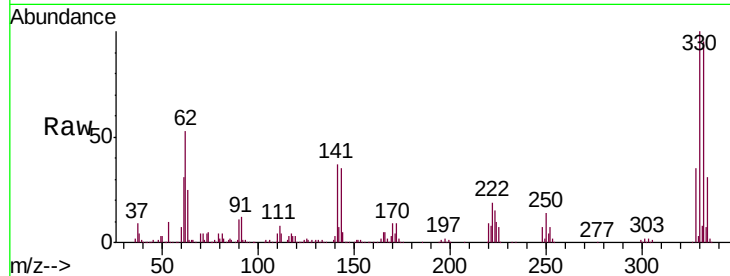




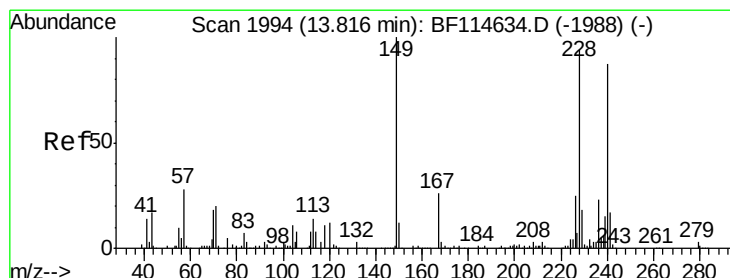
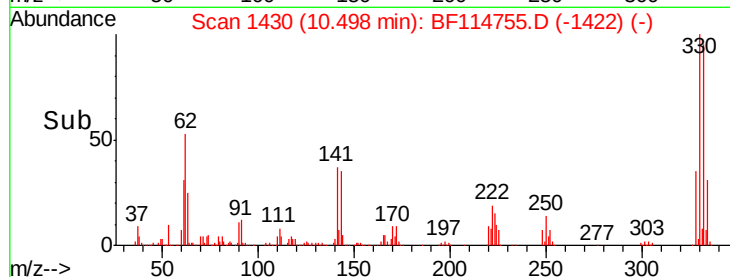
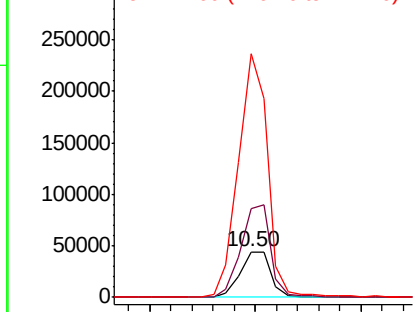
#67
 4-Bromophenyl-phenylether
 Concen: 3.313 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF114755.D
 Acq: 1 Jun 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 0440-PR-3(PASSAIC)

Tgt Ion:248 Resp: 44265
 Ion Ratio Lower Upper
 248 100
 250 195.2 78.0 117.0#
 141 532.6 53.8 80.8#

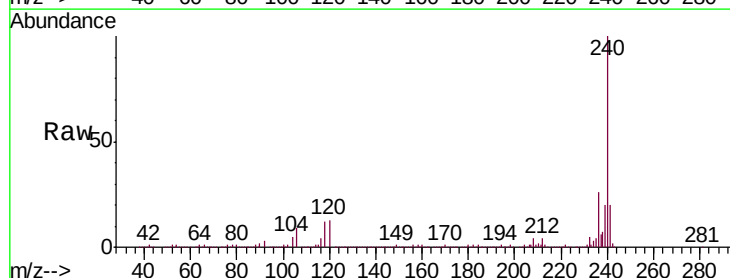


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

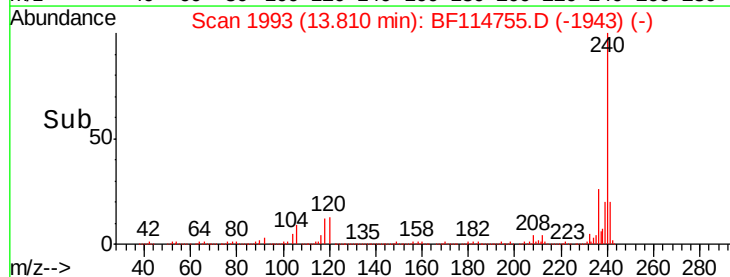
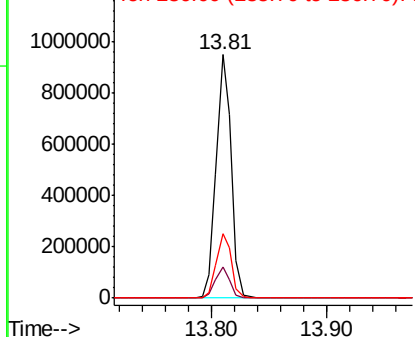


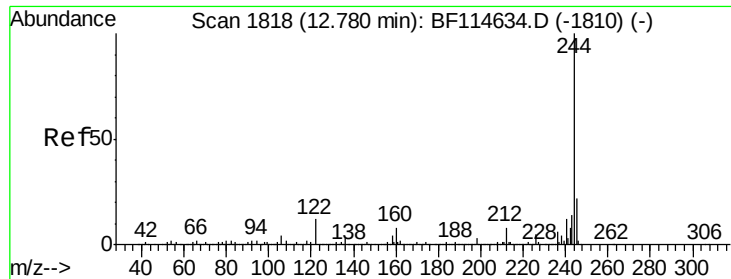
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114755.D
 Acq: 1 Jun 2019 14:25

Tgt Ion:240 Resp: 854329
 Ion Ratio Lower Upper
 240 100
 120 12.7 11.2 16.8
 236 26.4 21.2 31.8



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

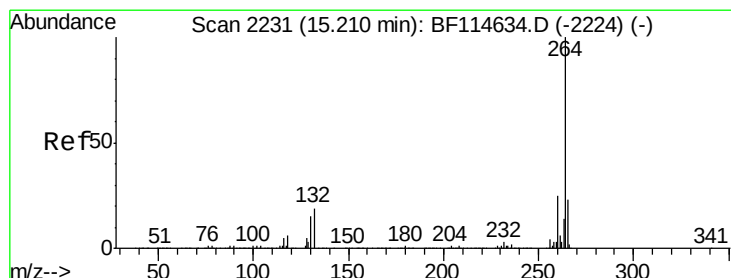
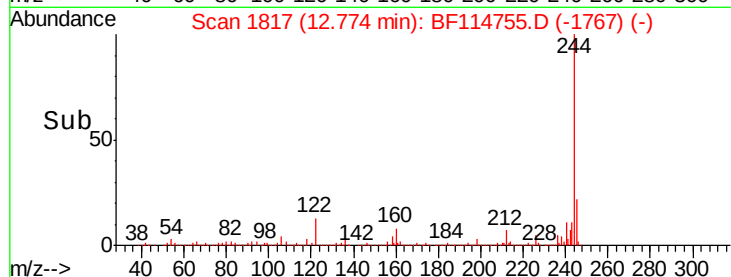
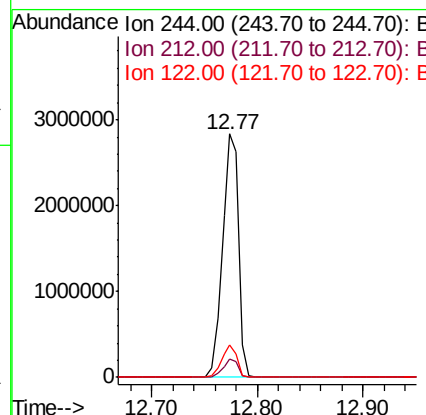
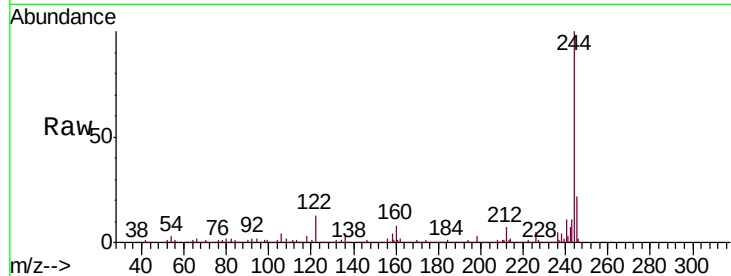




#79
 Terphenyl-d14
 Concen: 66.611 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF114755.D
 Acq: 1 Jun 2019 14:25

Instrument :
 BNA_F
 ClientSampleId :
 0440-PR-3(PASSAIC)

Tgt Ion:244 Resp: 3026755
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 13.2 9.8 14.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF114755.D
 Acq: 1 Jun 2019 14:25

Tgt Ion:264 Resp: 866055
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.7 29.5
 265 22.3 18.1 27.1

