

Data File : BF114743.D
Acq On : 1 Jun 2019 9:08
Operator : HP/JU
Sample : K3097-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0441-PR-4(PASSAIC)

Quant Time: Jun 03 01:32:50 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	376313	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1422846	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	716290	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1412367	20.00	ng	0.00
76) Chrysene-d12	13.81	240	1118676	20.00	ng	0.00
87) Perylene-d12	15.20	264	994967	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	2615797	122.04	ng	0.02
7) Phenol-d6	6.33	99	3235964	125.29	ng	0.00
23) Nitrobenzene-d5	7.26	82	1981306	86.88	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	812223	119.00	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3079587	79.78	ng	0.00
79) Terphenyl-d14	12.78	244	3352075	56.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.33	77	5674	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	271739	15.242	ng	# 75
25) Isophorone	7.26	82	1902898	41.576	ng	# 63
50) Dimethylphthalate	9.44	163	729904	14.624	ng	# 99
57) 2,4-Dinitrotoluene	9.72	165	94088	6.321	ng	# 23
58) Fluorene	10.26	166	1314	Below Cal	#	82
67) 4-Bromophenyl-phenylether	10.50	248	51803	3.420	ng	# 1
74) Di-n-butylphthalate	11.76	149	9447	Below Cal	#	93

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

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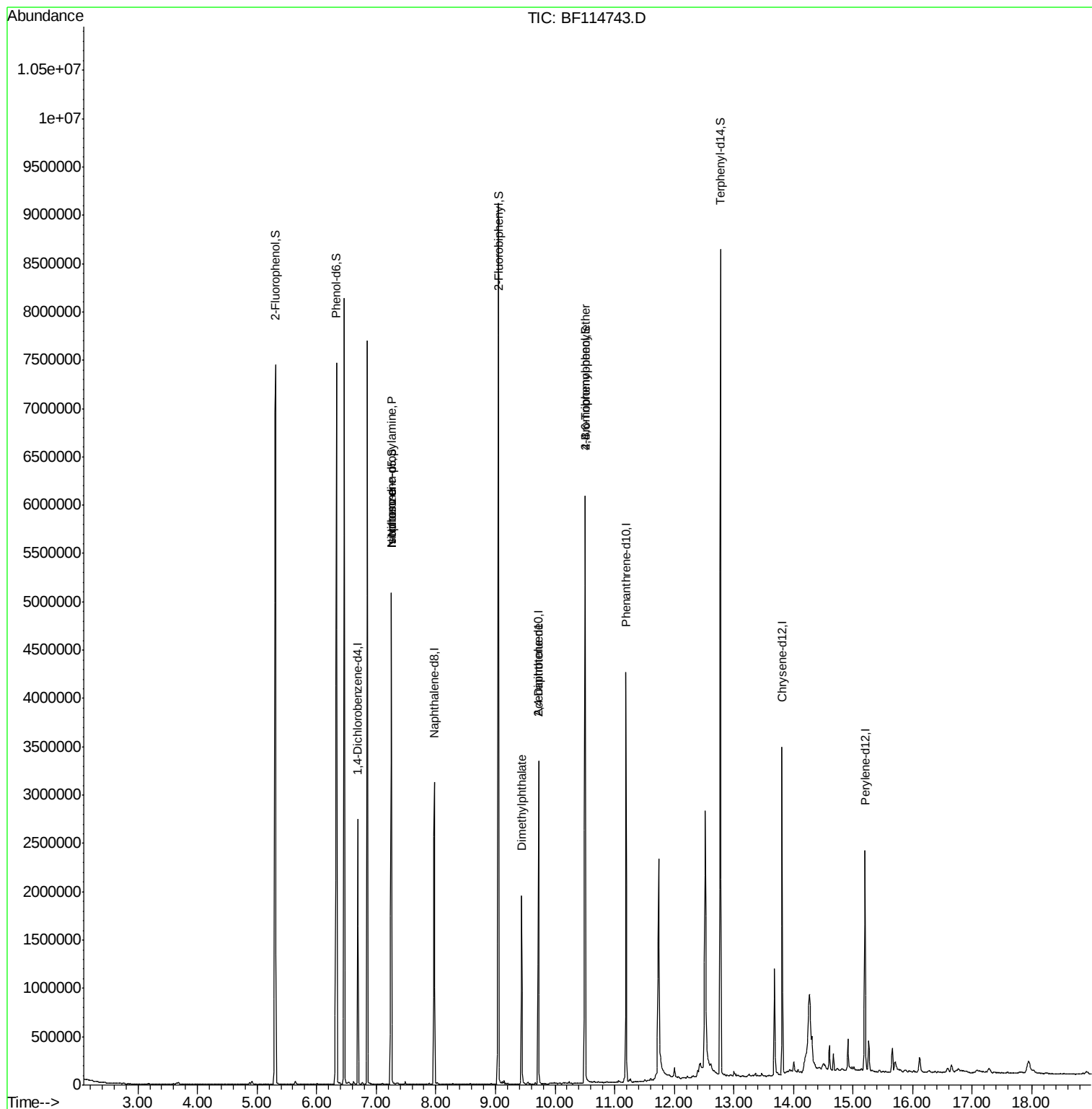
Quant Time: Jun 03 01:32:50 2019

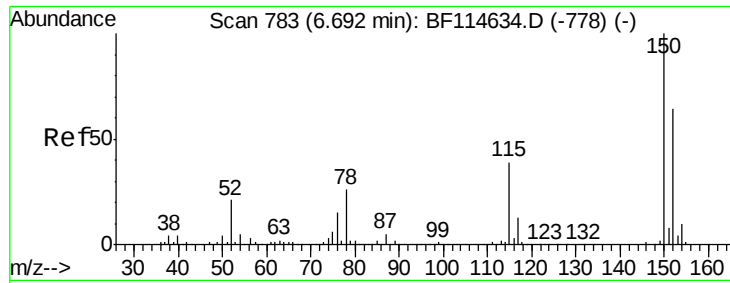
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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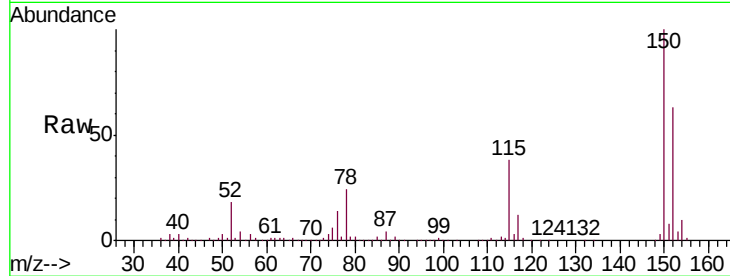


#1

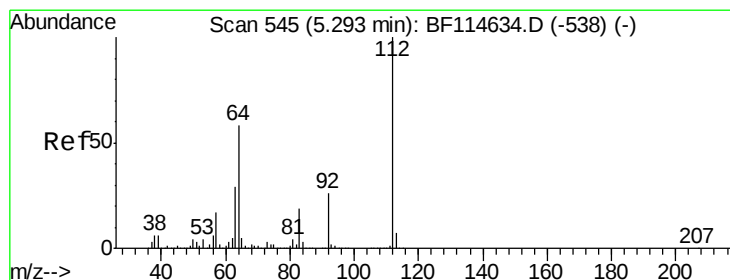
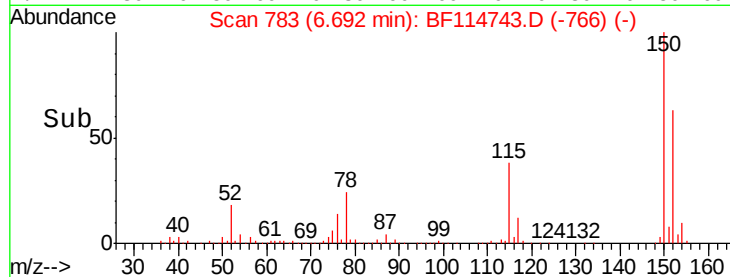
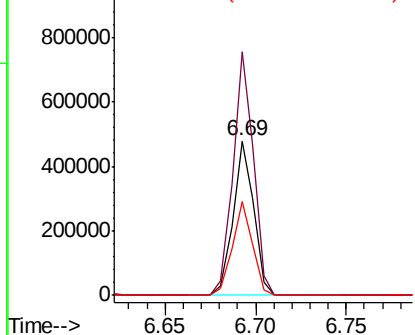
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114743.D
Acq: 1 Jun 2019 9:08

Instrument :
BNA_F
ClientSampleId :
0441-PR-4(PASSAIC)

Tgt Ion:152 Resp: 376313
Ion Ratio Lower Upper
152 100
150 157.6 124.4 186.6
115 60.5 48.7 73.1



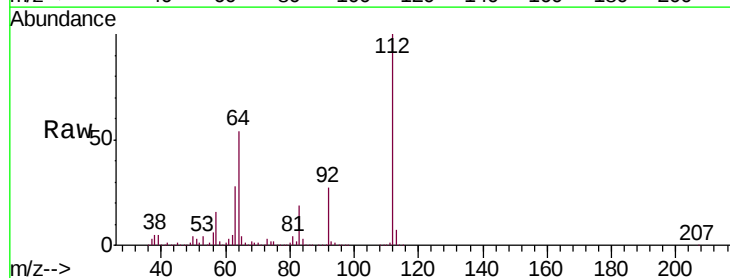
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



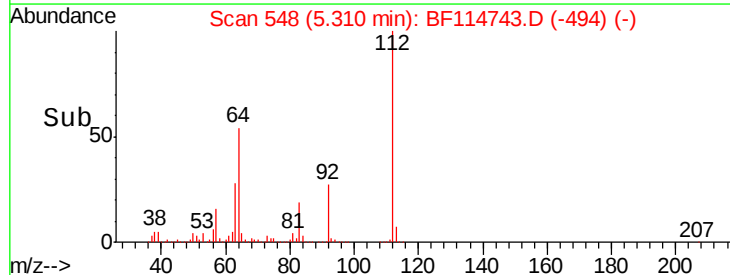
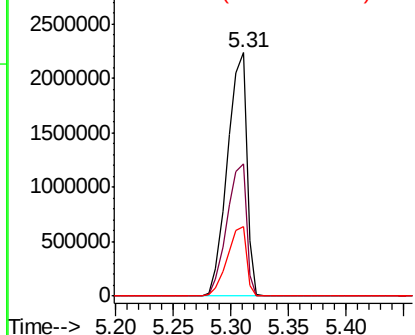
#5

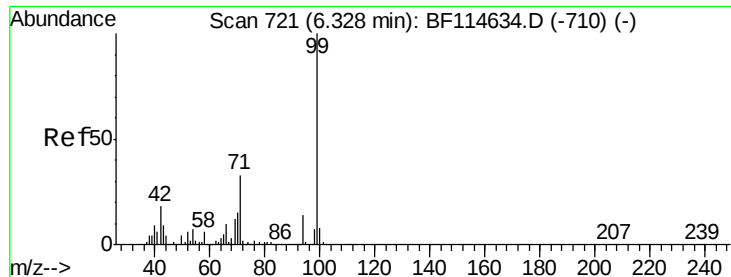
2-Fluorophenol
Concen: 122.041 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114743.D
Acq: 1 Jun 2019 9:08

Tgt Ion:112 Resp: 2615797
Ion Ratio Lower Upper
112 100
64 54.1 46.1 69.1
63 28.4 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: 125.287 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114743.D

Acq: 1 Jun 2019 9:08

Instrument :

BNA_F

ClientSampleId :

0441-PR-4(PASSAIC)

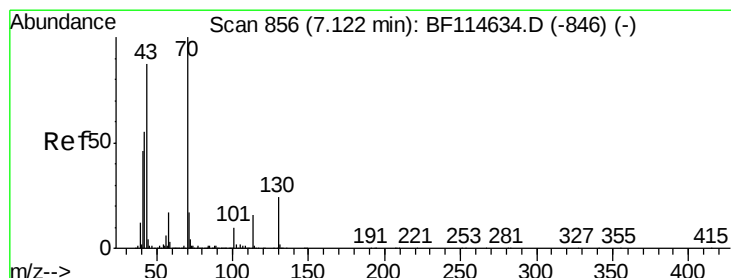
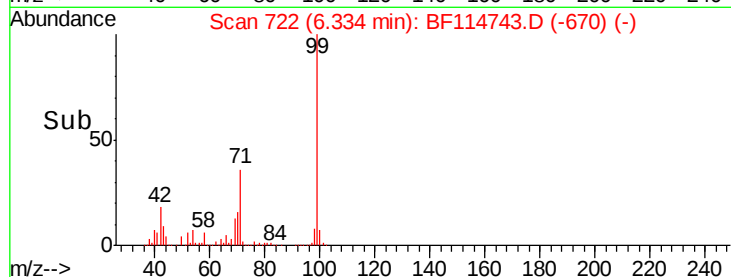
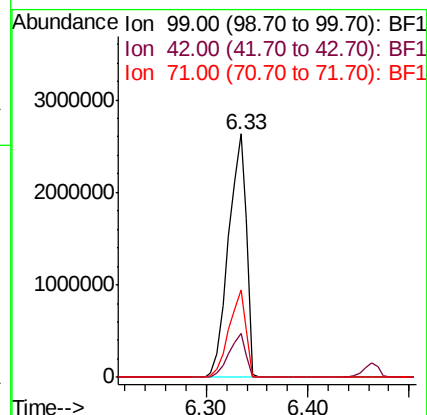
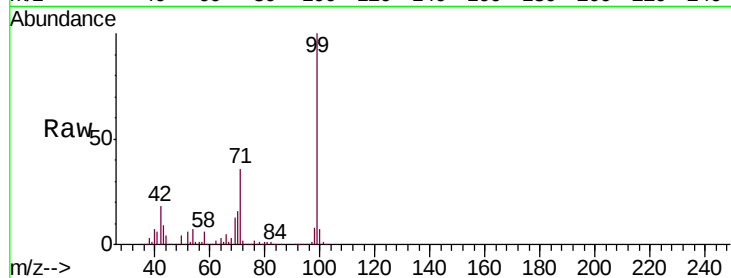
Tgt Ion: 99 Resp: 3235964

Ion Ratio Lower Upper

99 100

42 18.0 14.7 22.1

71 35.8 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.242 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114743.D

Acq: 1 Jun 2019 9:08

Tgt Ion: 70 Resp: 271739

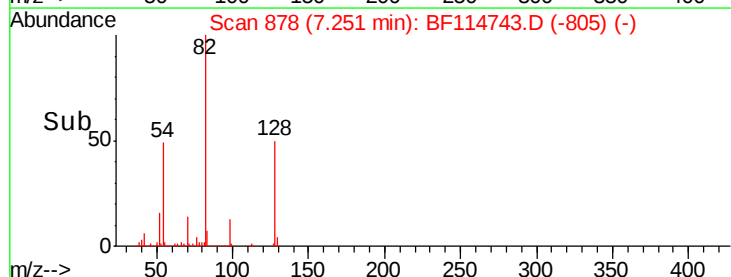
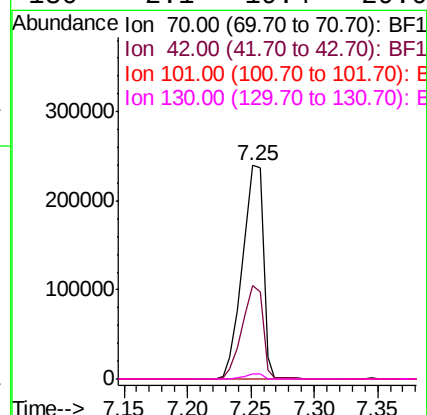
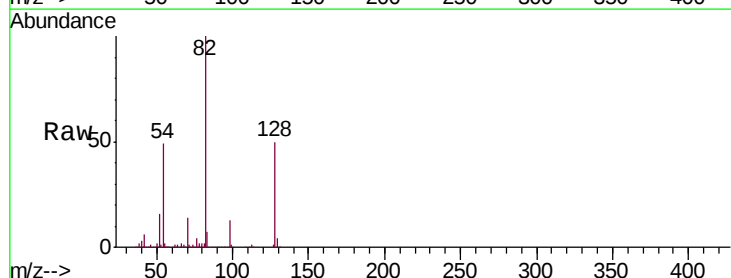
Ion Ratio Lower Upper

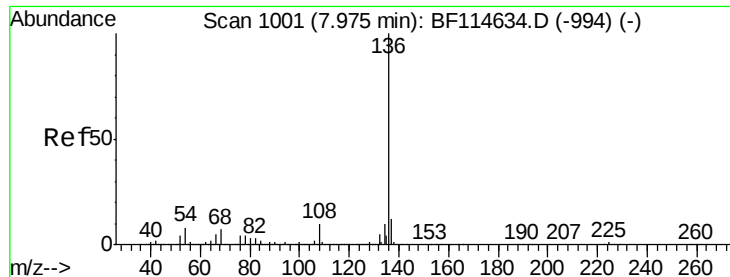
70 100

42 44.0 44.4 66.6#

101 0.0 8.2 12.4#

130 2.1 19.4 29.0#

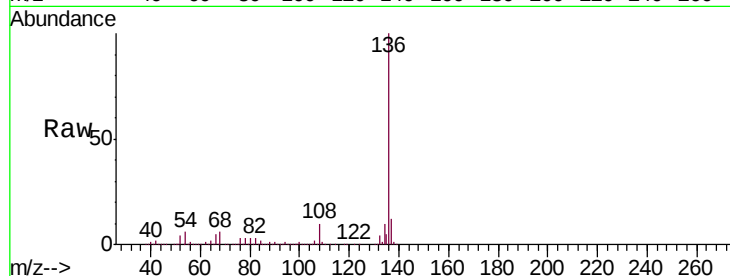




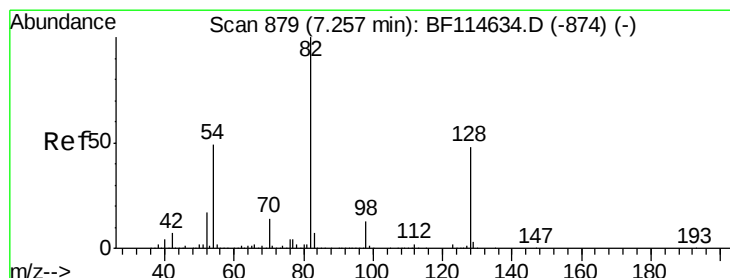
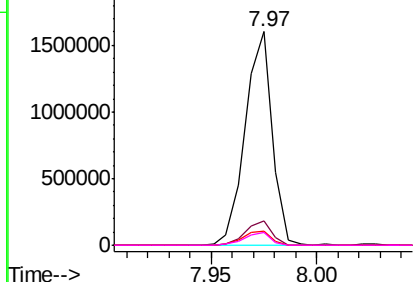
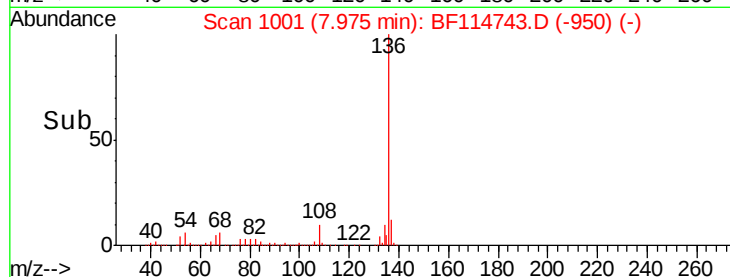
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114743.D
Acq: 1 Jun 2019 9:08

Instrument :
BNA_F
ClientSampleId :
0441-PR-4(PASSAIC)

Tgt Ion:	136	Resp:	1422846
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.5	6.3	9.5
68	5.8	5.4	8.0

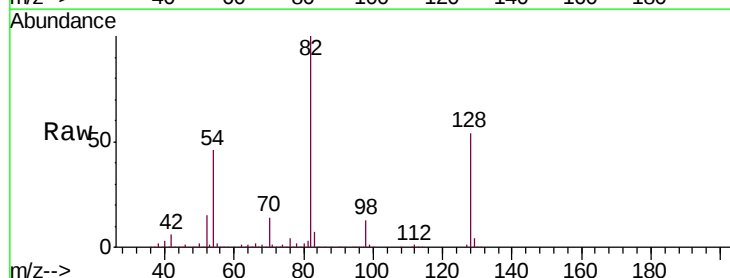


Abundance Ion 136.00 (135.70 to 136.70): E
2500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

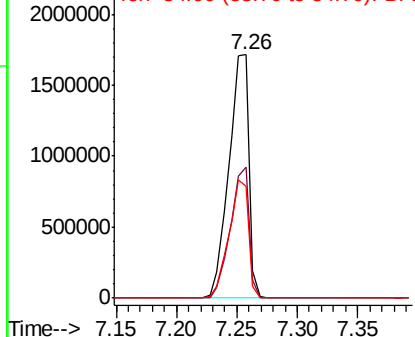
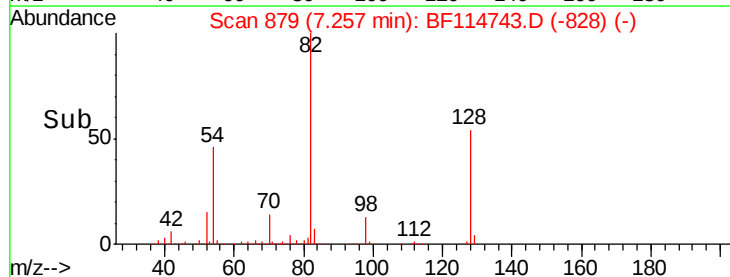


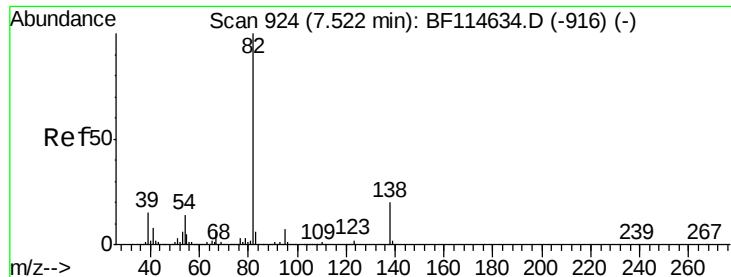
#23
Nitrobenzene-d5
Concen: 86.877 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114743.D
Acq: 1 Jun 2019 9:08

Tgt Ion:	82	Resp:	1981306
Ion	Ratio	Lower	Upper
82	100		
128	53.7	38.5	57.7
54	46.0	39.1	58.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.576 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114743.D

Acq: 1 Jun 2019 9:08

Instrument :

BNA_F

ClientSampleId :

0441-PR-4(PASSAIC)

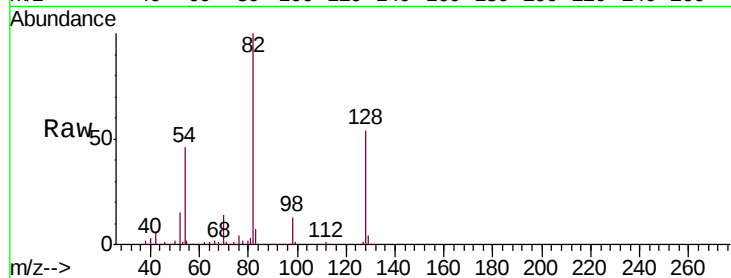
Tgt Ion: 82 Resp: 1902898

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

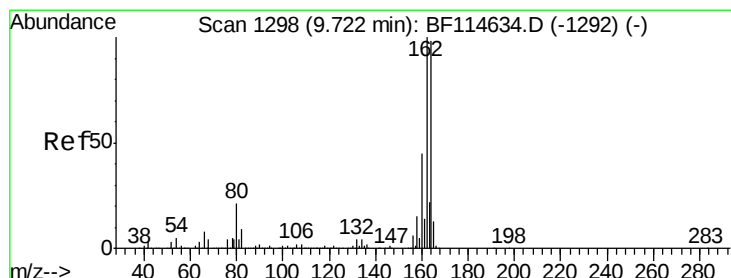
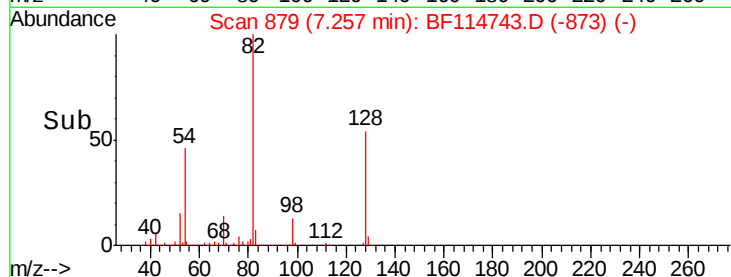
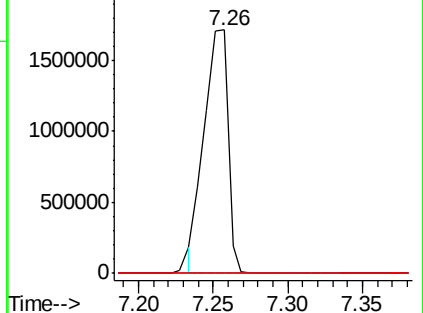
138 0.0 15.9 23.9#



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: BF114743.D

Acq: 1 Jun 2019 9:08

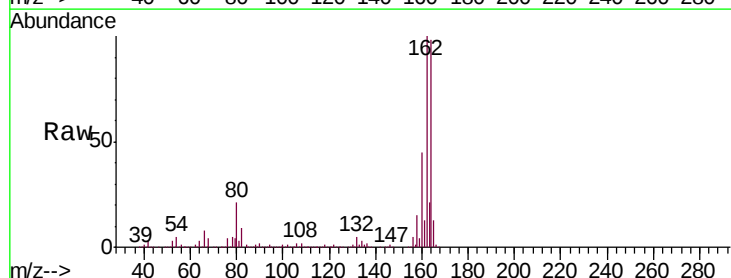
Tgt Ion: 164 Resp: 716290

Ion Ratio Lower Upper

164 100

162 101.6 81.4 122.2

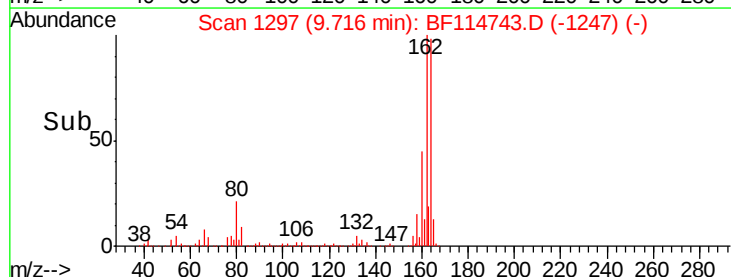
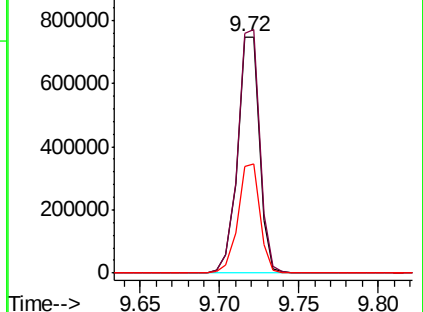
160 45.4 36.6 54.8

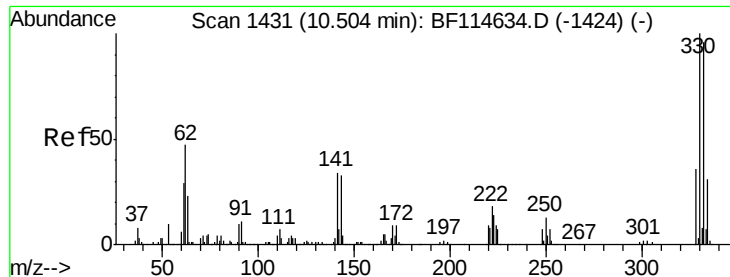


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

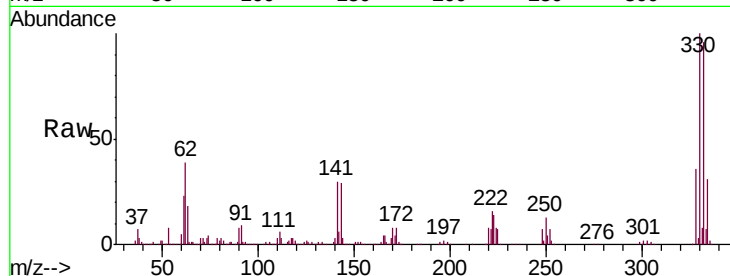




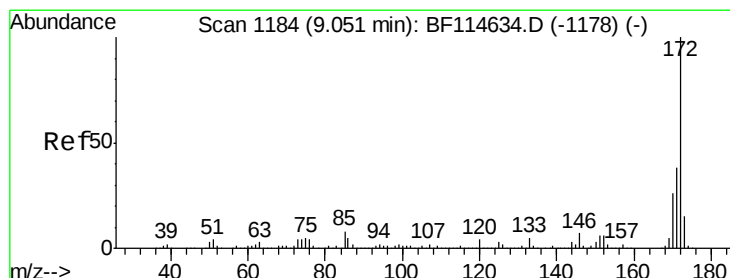
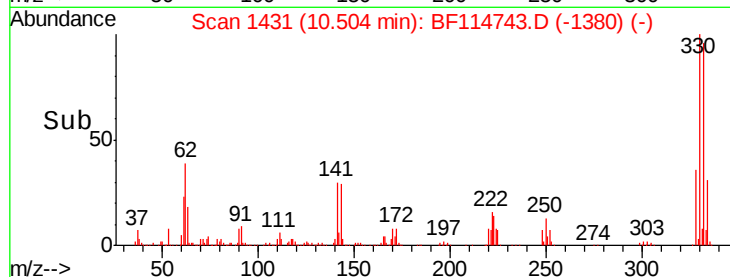
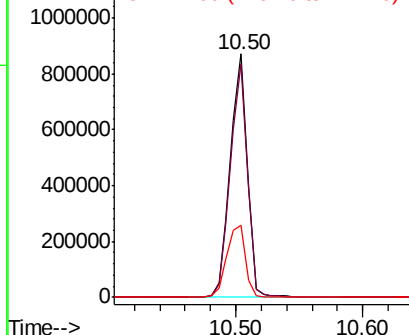
#42
 2,4,6-Tribromophenol
 Concen: 119.005 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114743.D
 Acq: 1 Jun 2019 9:08

Instrument :
 BNA_F
 ClientSampleId :
 0441-PR-4(PASSAIC)

Tgt Ion:330 Resp: 812223
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.8 113.8
 141 32.6 27.8 41.8

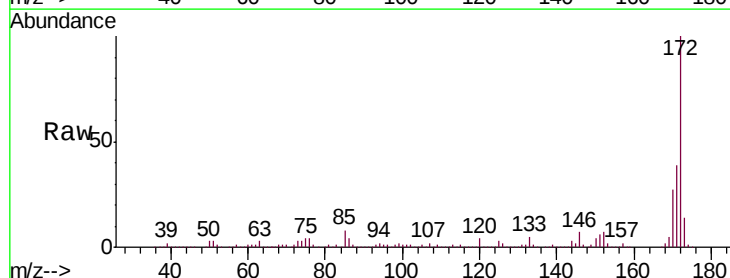


Abundance Ion 329.80 (329.50 to 330.50): E
 1200000 Ion 331.80 (331.50 to 332.50): E
 1000000 Ion 141.00 (140.70 to 141.70): E

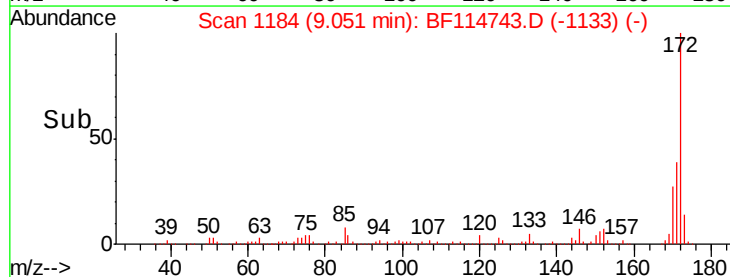
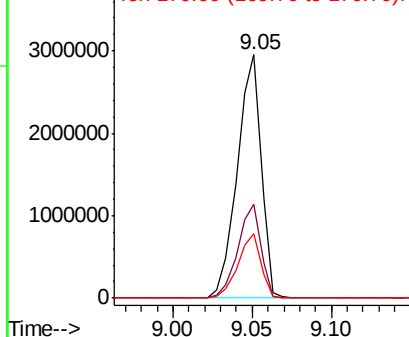


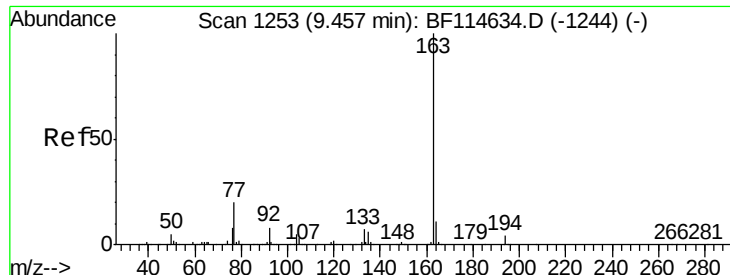
#45
 2-Fluorobiphenyl
 Concen: 79.780 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114743.D
 Acq: 1 Jun 2019 9:08

Tgt Ion:172 Resp: 3079587
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.6 45.8
 170 26.6 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E
 4000000 Ion 171.00 (170.70 to 171.70): E
 3000000 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 14.624 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114743.D

Acq: 1 Jun 2019 9:08

Instrument :

BNA_F

ClientSampleId :

0441-PR-4(PASSAIC)

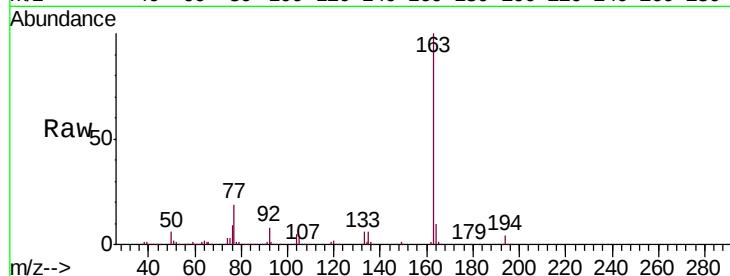
Tgt Ion:163 Resp: 729904

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.3 8.6 13.0

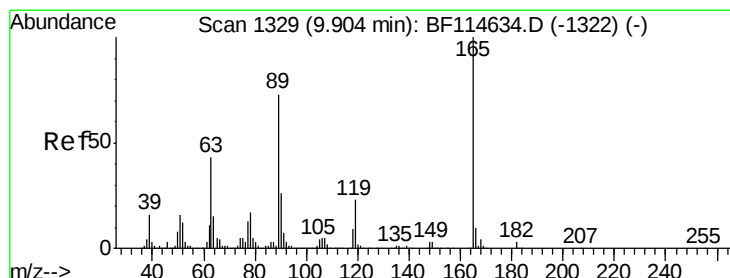
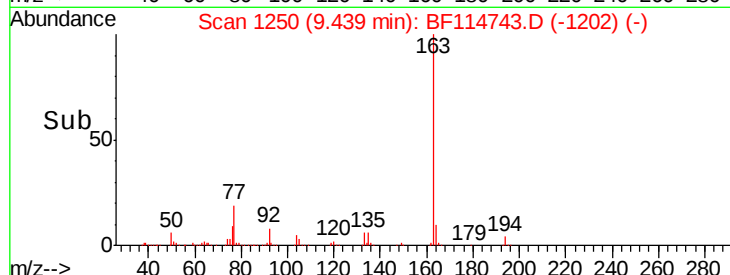
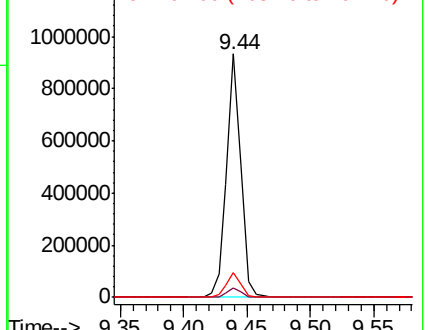


Abundance

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: 6.321 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.19 min

Lab File: BF114743.D

Acq: 1 Jun 2019 9:08

Tgt Ion:165 Resp: 94088

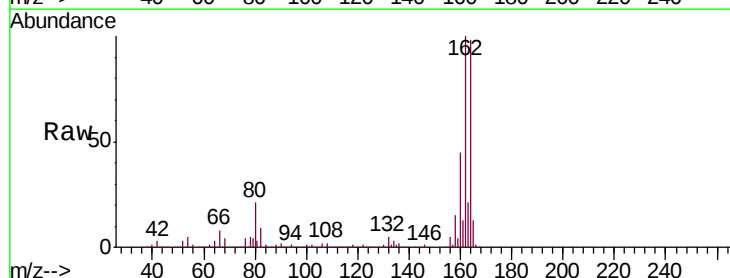
Ion Ratio Lower Upper

165 100

63 1.2 34.8 52.2#

89 1.3 58.5 87.7#

182 0.0 2.2 3.2#



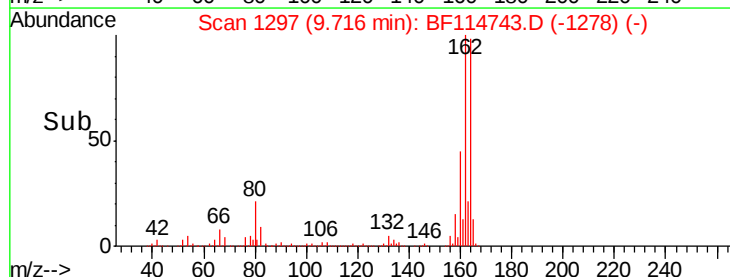
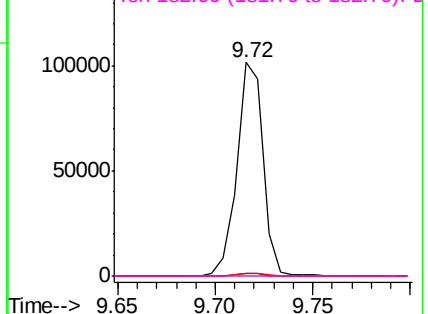
Abundance

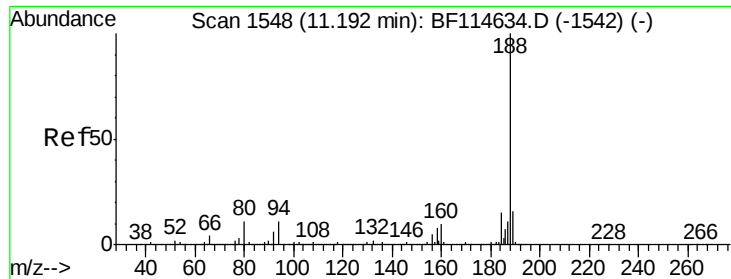
Ion 165.00 (164.70 to 165.70): E

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

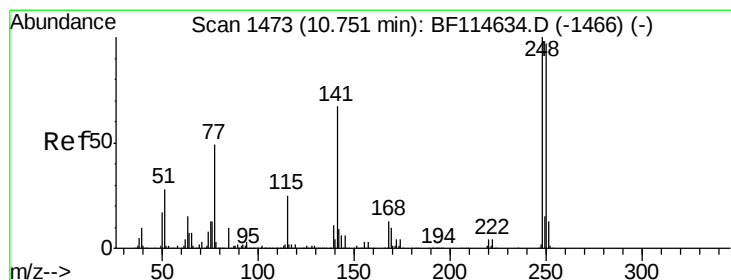
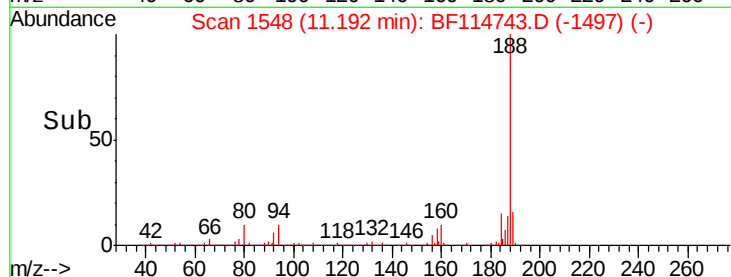
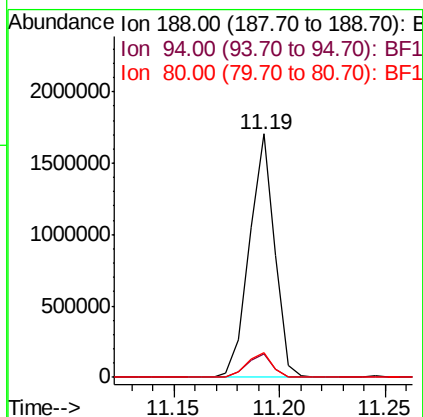
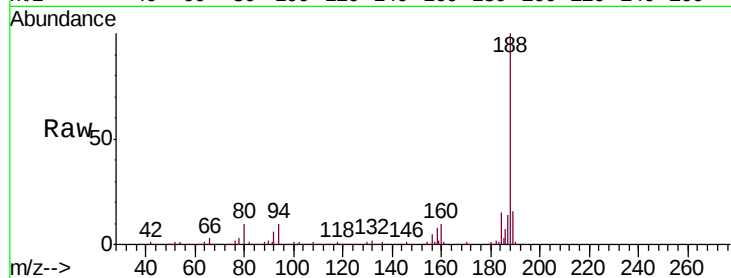




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114743.D
Acq: 1 Jun 2019 9:08

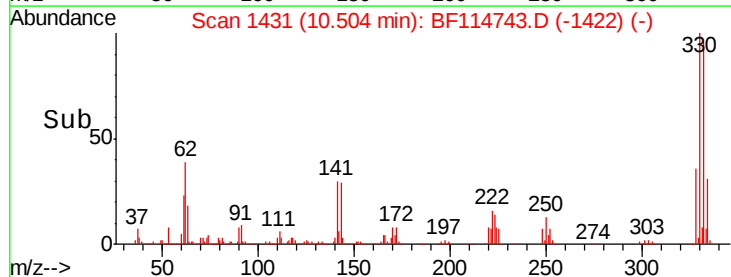
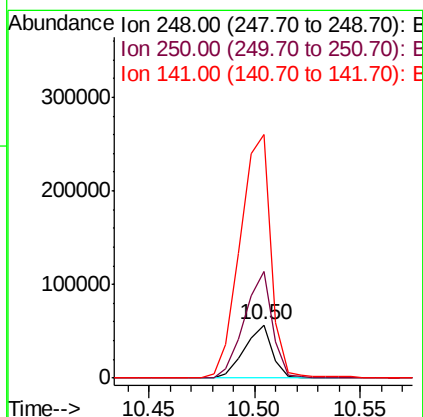
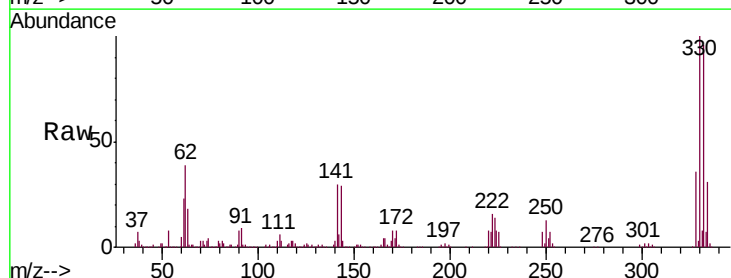
Instrument :
BNA_F
ClientSampleId :
0441-PR-4(PASSAIC)

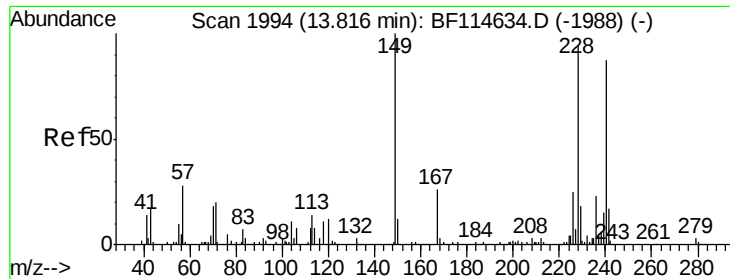
Tgt Ion:188 Resp: 1412367
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.3 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 3.420 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114743.D
Acq: 1 Jun 2019 9:08

Tgt Ion:248 Resp: 51803
Ion Ratio Lower Upper
248 100
250 199.5 78.0 117.0#
141 455.6 53.8 80.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114743.D

Acq: 1 Jun 2019 9:08

Instrument :

BNA_F

ClientSampleId :

0441-PR-4(PASSAIC)

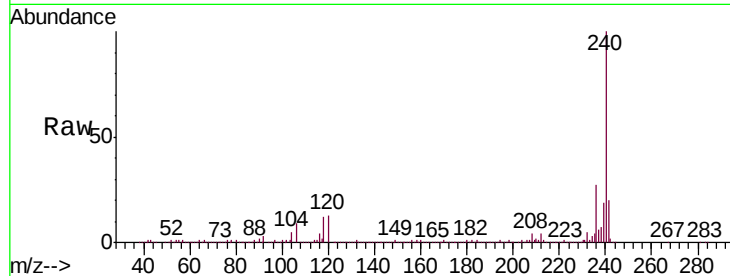
Tgt Ion:240 Resp: 1118676

Ion Ratio Lower Upper

240 100

120 13.3 11.2 16.8

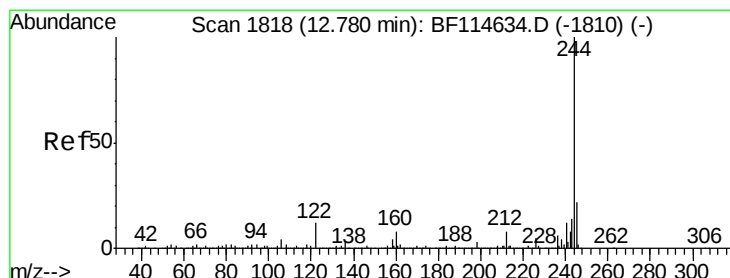
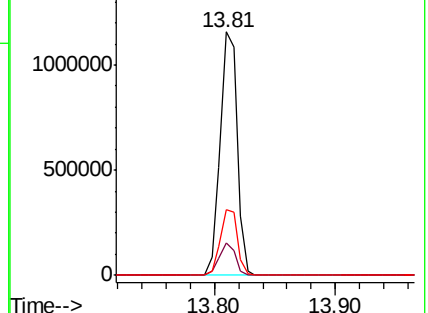
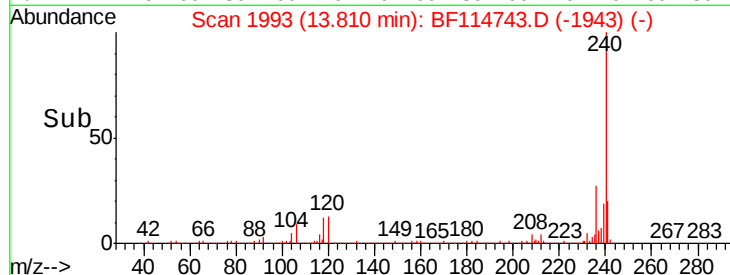
236 26.8 21.2 31.8



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: 56.338 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114743.D

Acq: 1 Jun 2019 9:08

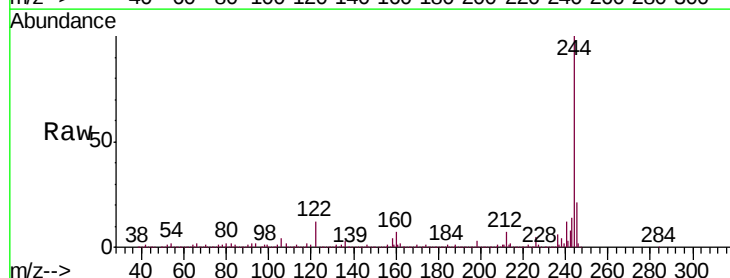
Tgt Ion:244 Resp: 3352075

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

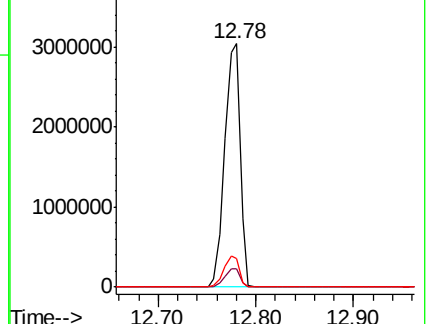
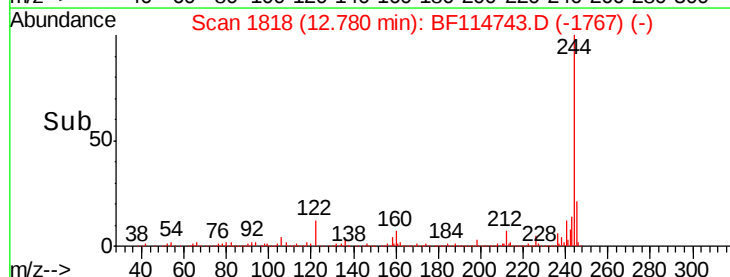
122 11.7 9.8 14.8

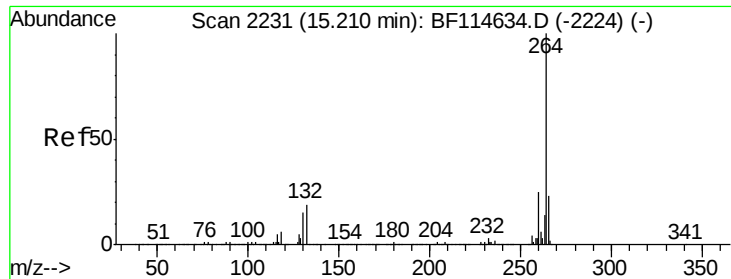


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF114743.D
Acq: 1 Jun 2019 9:08

Instrument :
BNA_F
ClientSampleId :
0441-PR-4(PASSAIC)

Tgt Ion: 264 Resp: 994967
Ion Ratio Lower Upper
264 100
260 24.5 19.7 29.5
265 21.9 18.1 27.1

