

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114640.D
 Acq On : 29 May 2019 18:43
 Operator : HP/JU
 Sample : K3055-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: May 30 12:22:58 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

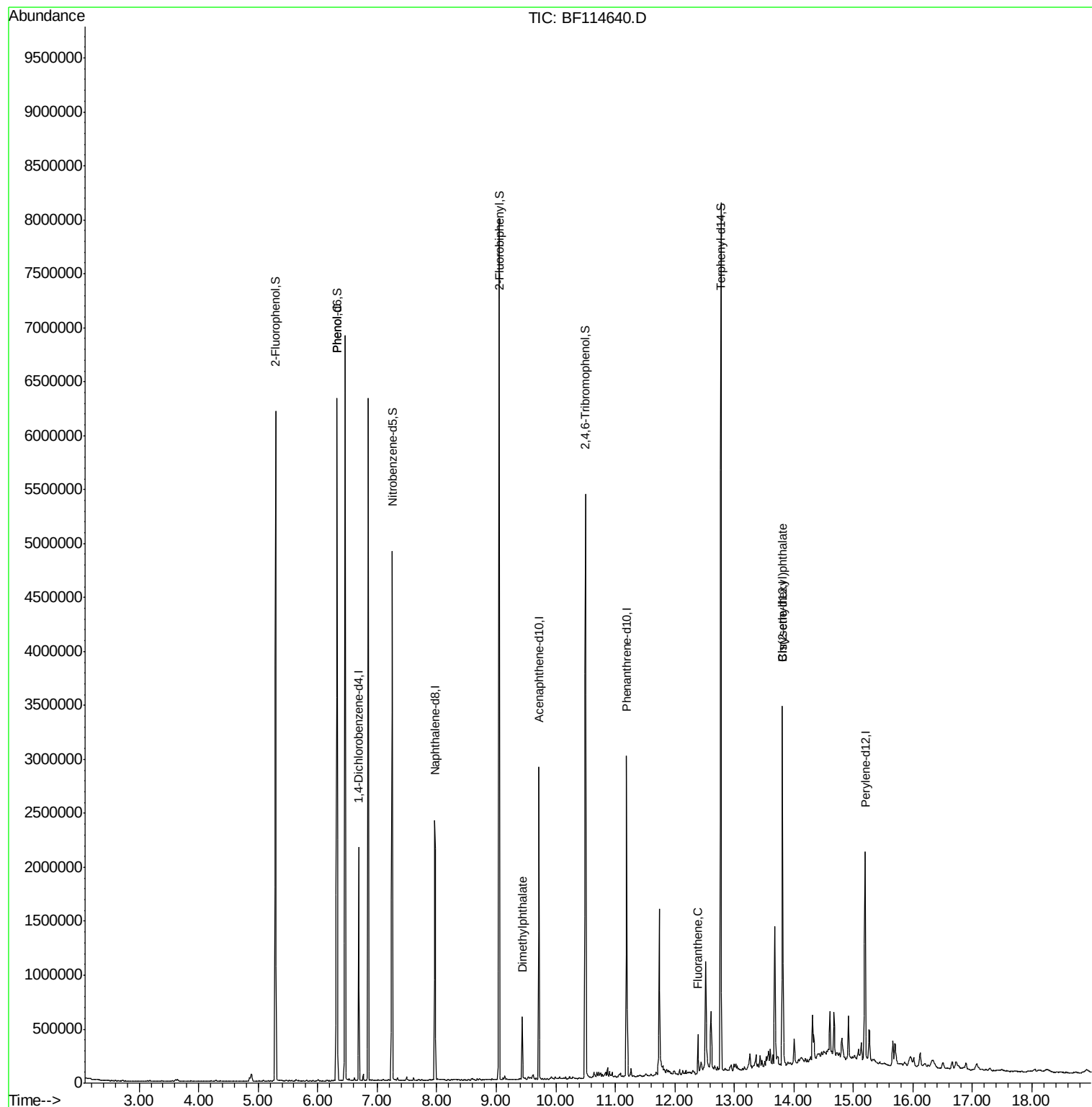
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	281935	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1069313	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	532609	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1089447	20.00	ng	0.00
76) Chrysene-d12	13.81	240	897270	20.00	ng	0.00
87) Perylene-d12	15.20	264	841461	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2023546	126.01	ng	0.00
7) Phenol-d6	6.33	99	2487078	128.53	ng	0.00
23) Nitrobenzene-d5	7.25	82	1556783	90.83	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	705898	139.10	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2556865	91.38	ng	0.00
79) Terphenyl-d14	12.77	244	3040999	63.72	ng	0.00
Target Compounds						
10) Phenol	6.33	94	79119	3.385	ng	80
50) Dimethylphthalate	9.44	163	221209	5.960	ng	98
75) Fluoranthene	12.39	202	131834	2.291	ng	95
84) Bis(2-ethylhexyl)phthalate	13.82	149	231319	4.905	ng	94

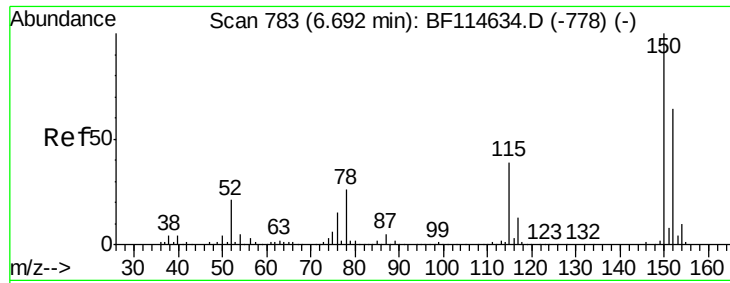
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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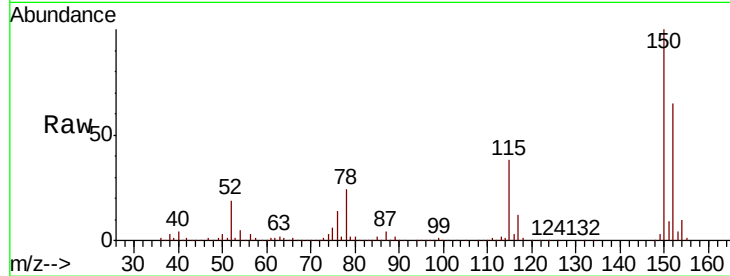


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114640.D
Acq: 29 May 2019 18:43

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.4	186.6
115	58.4	48.7	73.1

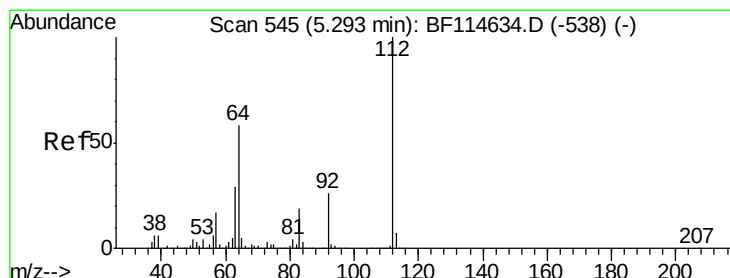
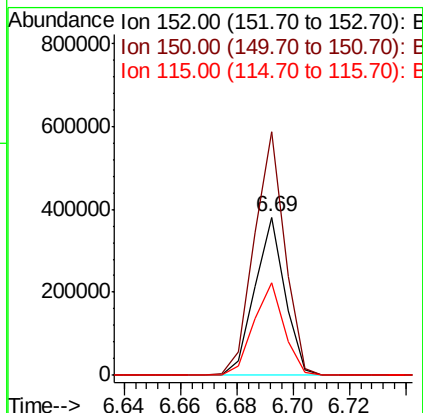
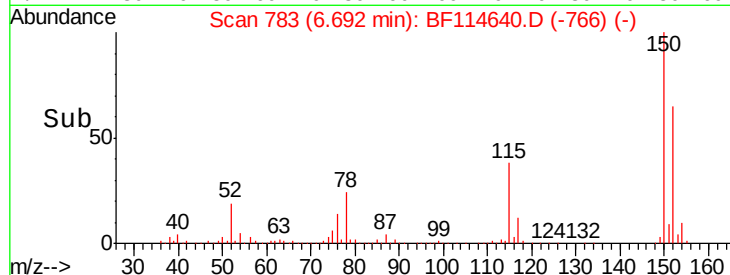


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

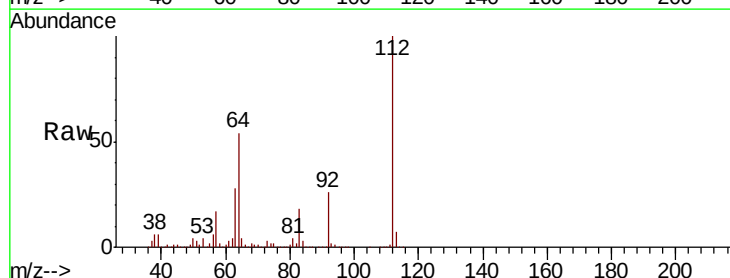
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.013 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114640.D
Acq: 29 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.1	69.1
63	28.3	23.4	35.2

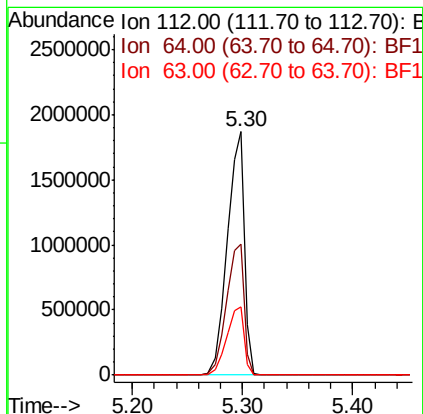
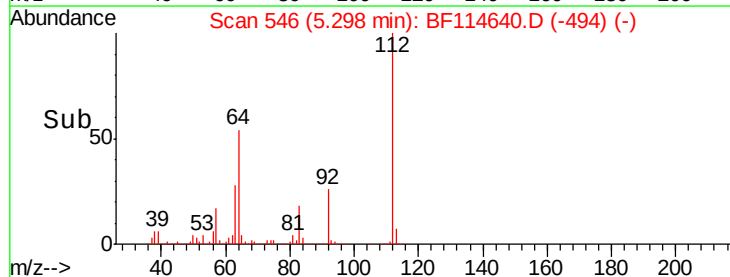


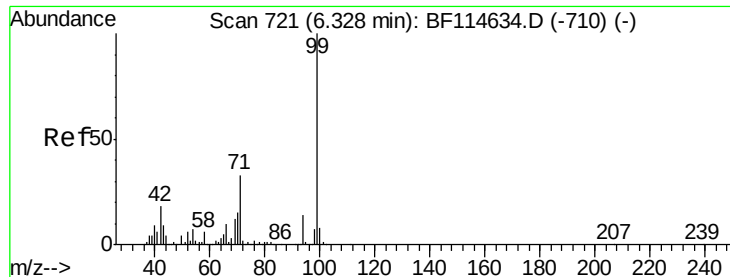
Abundance

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: 128.527 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

Instrument :

BNA_F

ClientSampleId :

COMP-1

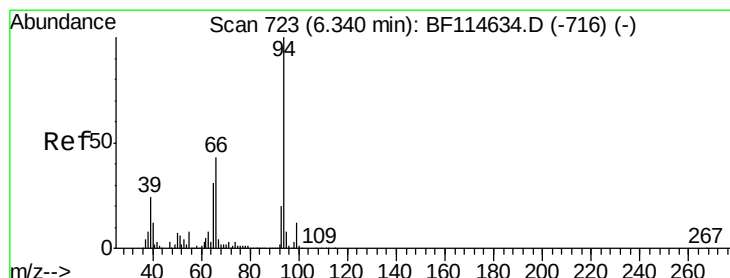
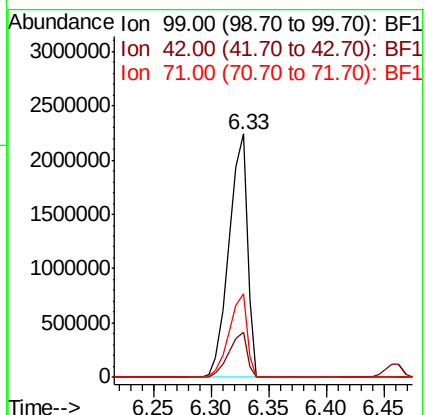
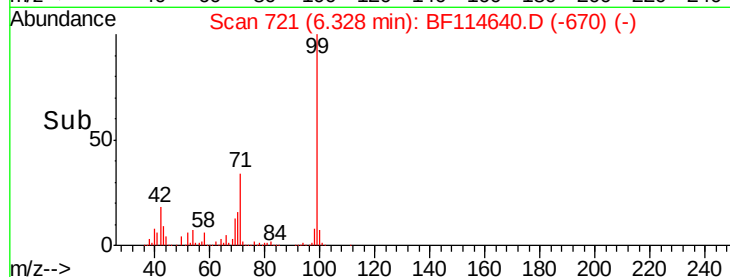
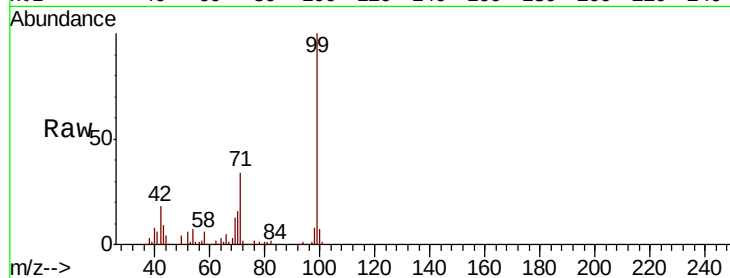
Tot Ion: 99 Resp: 2487078

Ion Ratio Lower Upper

99 100

42 18.3 14.7 22.1

71 34.4 26.6 40.0



#10

Phenol

Concen: 3.385 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

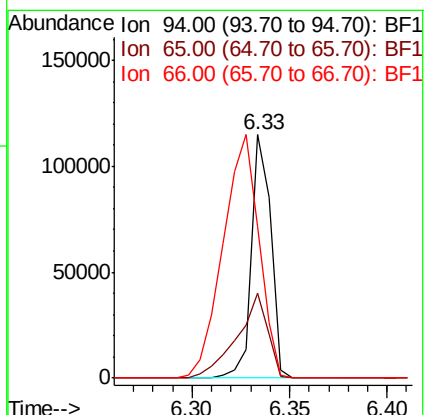
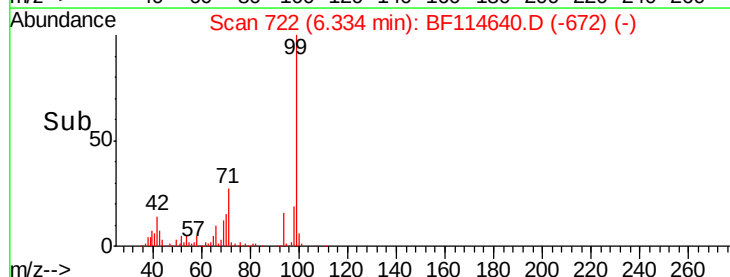
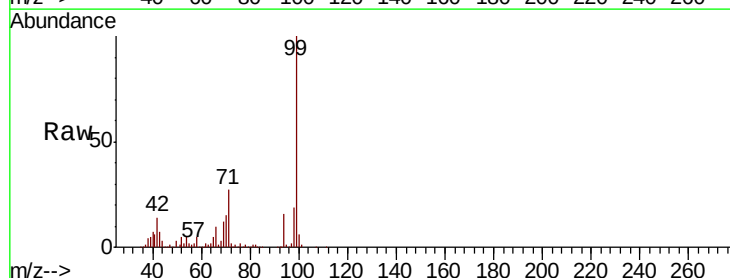
Tgt Ion: 94 Resp: 79119

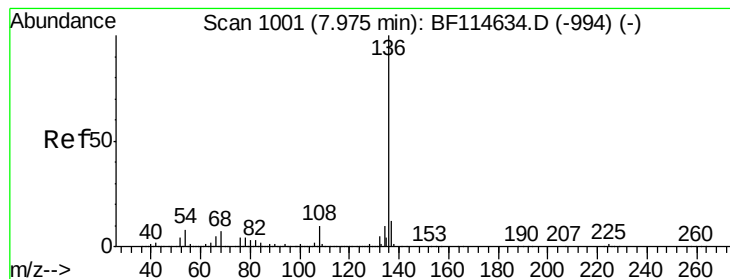
Ion Ratio Lower Upper

94 100

65 34.7 11.0 51.0

66 62.1 23.0 63.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tot Ion:136 Resp: 1069313

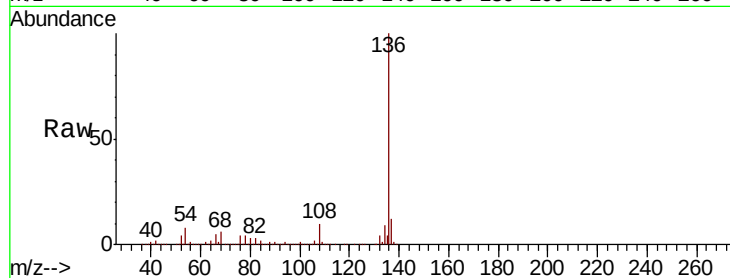
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.9 6.3 9.5

68 6.5 5.4 8.0

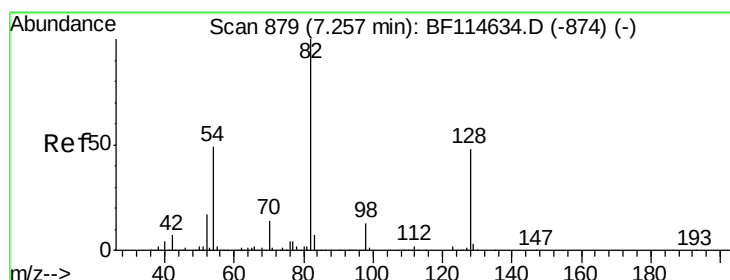
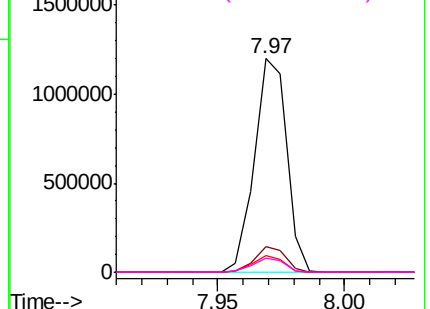
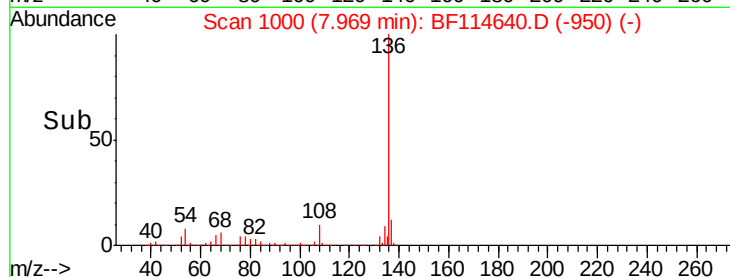


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.831 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

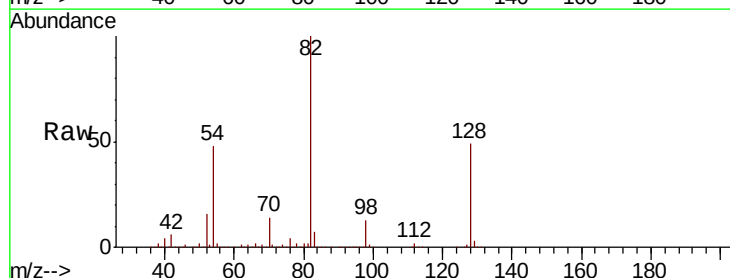
Tgt Ion: 82 Resp: 1556783

Ion Ratio Lower Upper

82 100

128 48.8 38.5 57.7

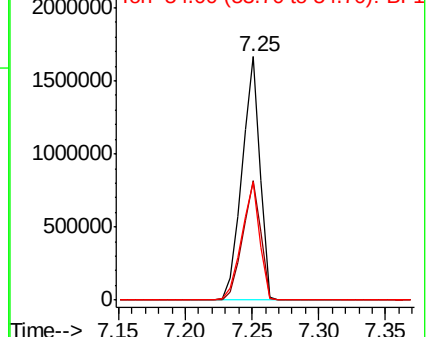
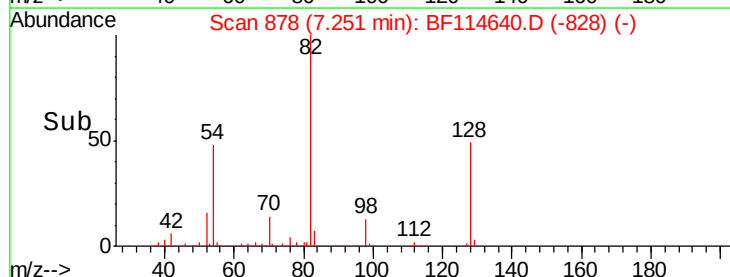
54 48.3 39.1 58.7

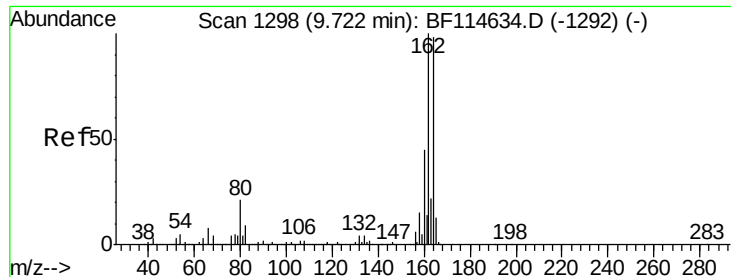


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

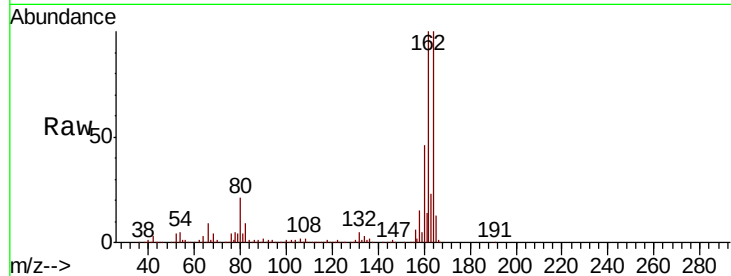




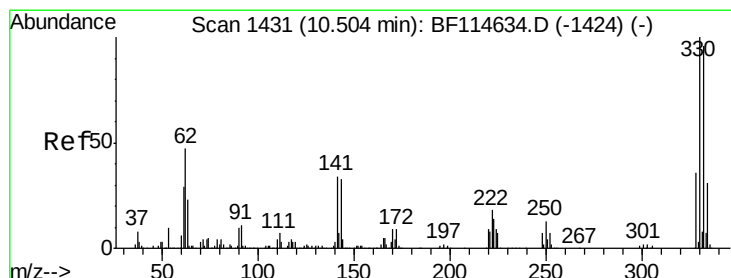
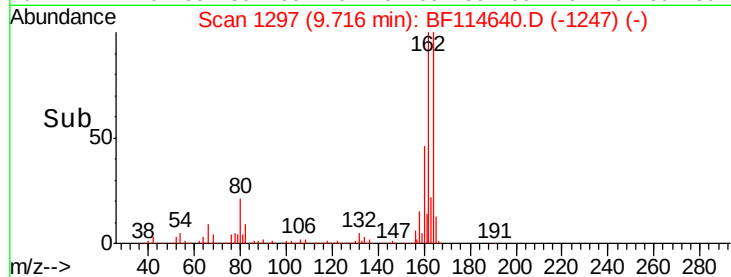
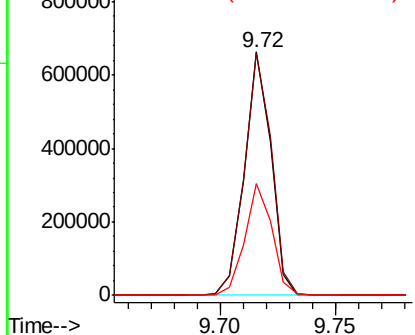
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114640.D
Acq: 29 May 2019 18:43

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.4	122.2
160	46.1	36.6	54.8

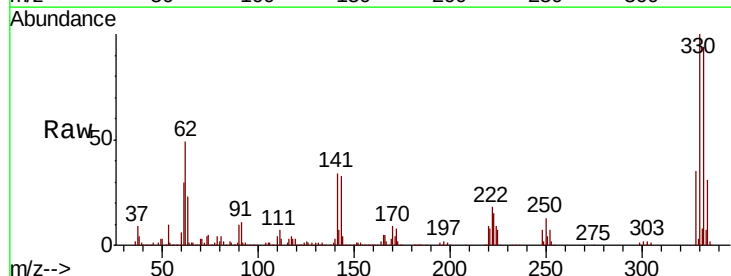


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

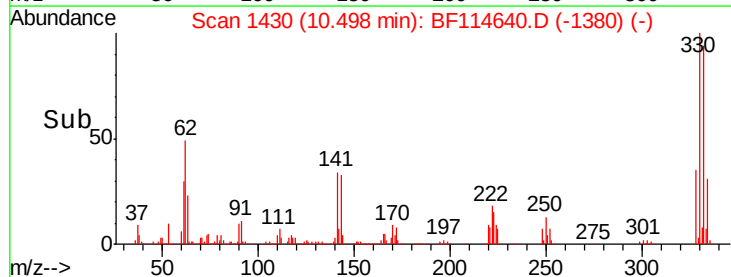
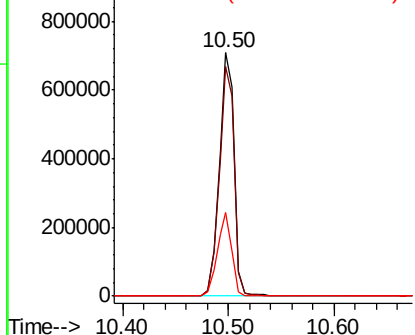


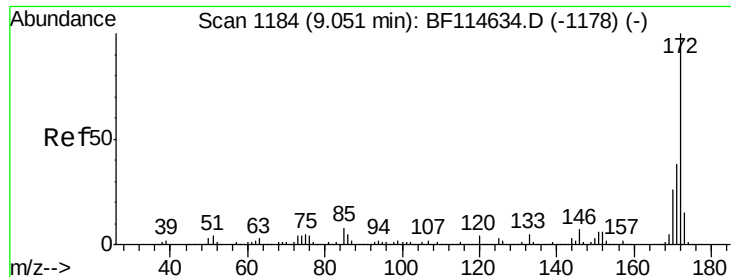
#42
2,4,6-Tribromophenol
Concen: 139.095 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114640.D
Acq: 29 May 2019 18:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.8	113.8
141	33.7	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

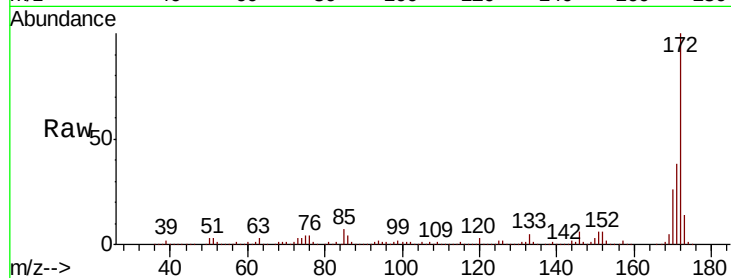




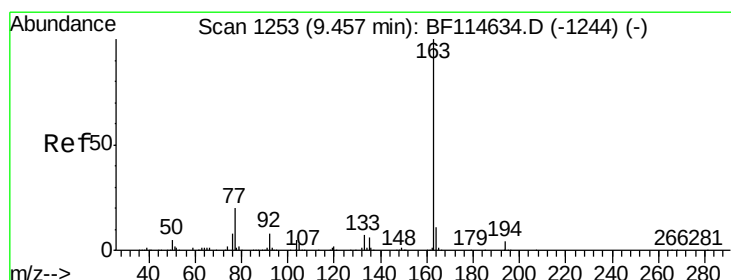
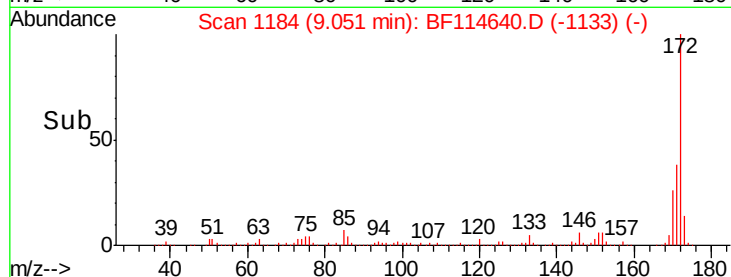
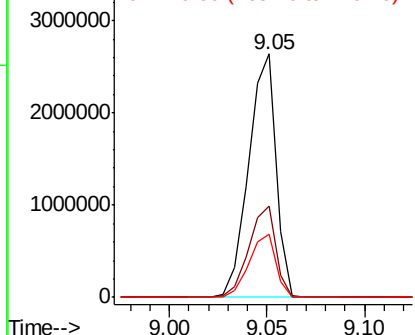
#45
2-Fluorobiphenyl
Concen: 91.381 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114640.D
Acq: 29 May 2019 18:43

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tot Ion:172 Resp: 2556865
Ion Ratio Lower Upper
172 100
171 37.8 30.6 45.8
170 26.1 20.7 31.1

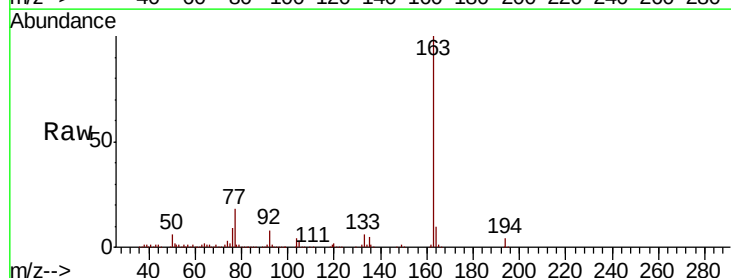


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

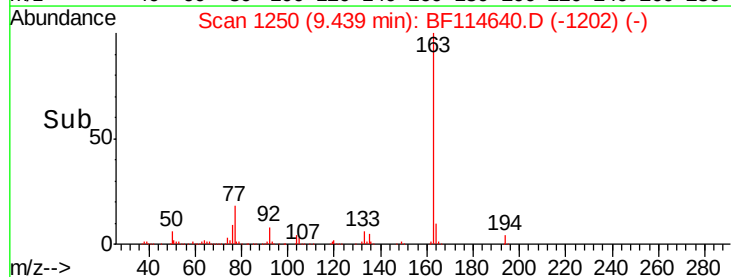
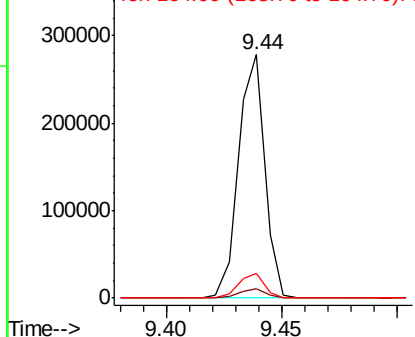


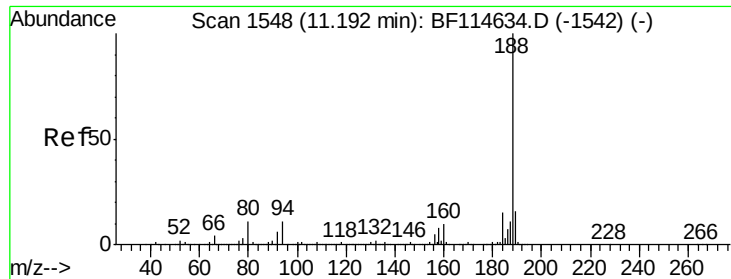
#50
Dimethylphthalate
Concen: 5.960 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114640.D
Acq: 29 May 2019 18:43

Tgt Ion:163 Resp: 221209
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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

Instrument :

BNA_F

ClientSampleId :

COMP-1

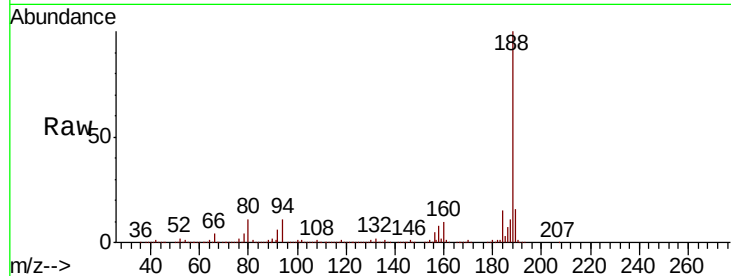
Tot Ion:188 Resp: 1089447

Ion Ratio Lower Upper

188 100

94 11.0 8.6 13.0

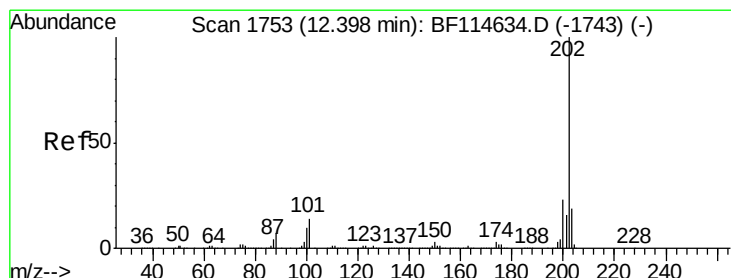
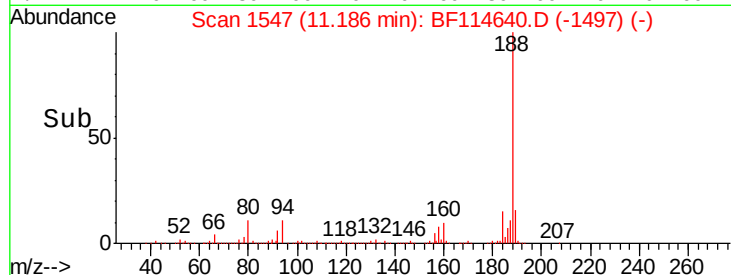
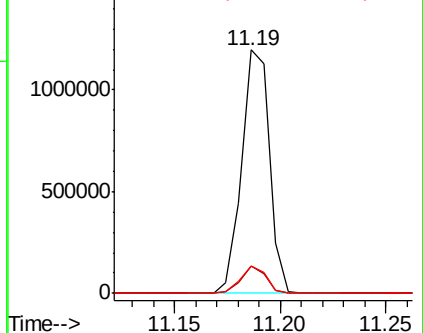
80 11.2 9.0 13.6



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



#75

Fluoranthene

Concen: 2.291 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

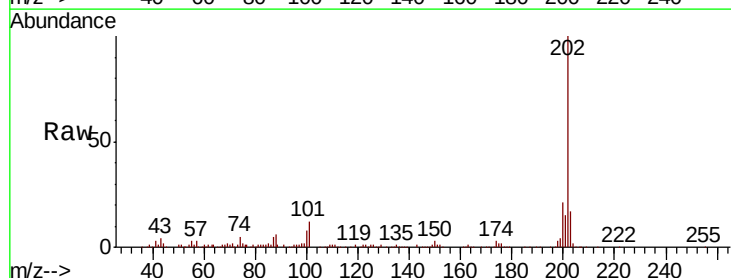
Tgt Ion:202 Resp: 131834

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.9

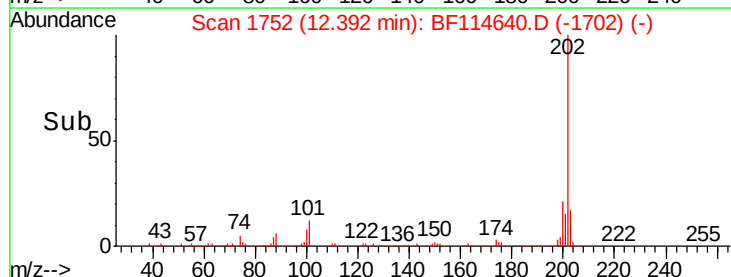
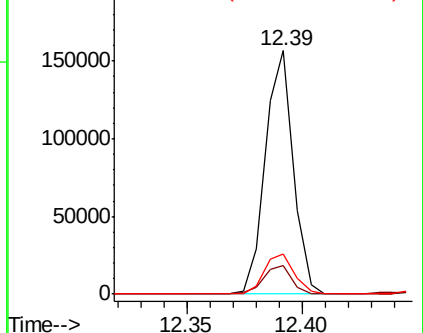
203 16.7 0.0 39.1

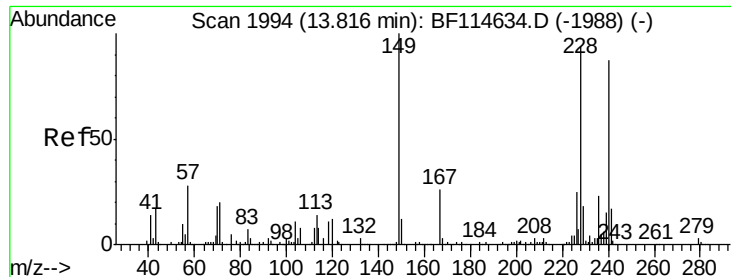


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

Instrument :

BNA_F

ClientSampled :

COMP-1

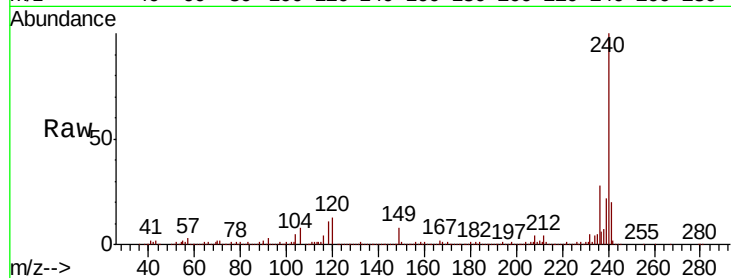
Tot Ion:240 Resp: 897270

Ion Ratio Lower Upper

240 100

120 12.8 11.2 16.8

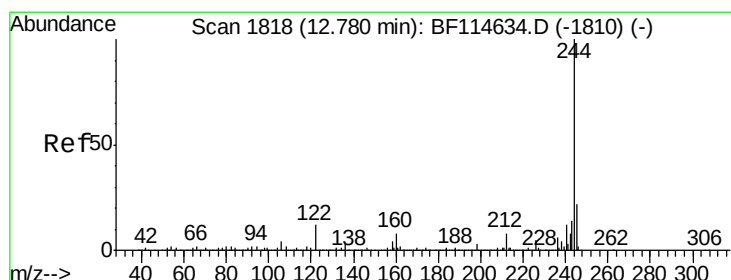
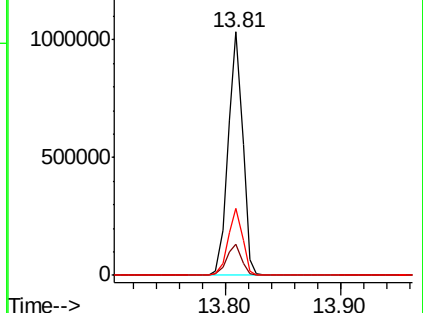
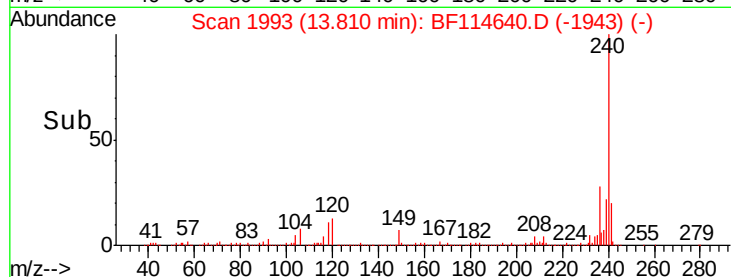
236 27.7 21.2 31.8



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: 63.721 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

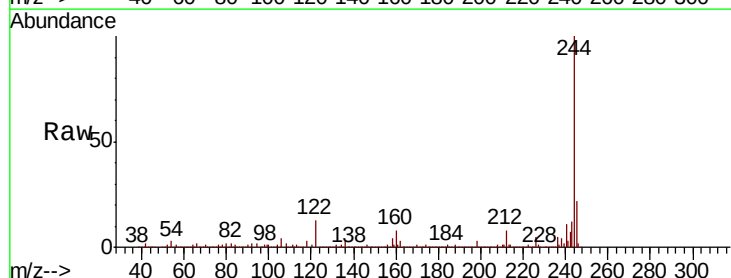
Tgt Ion:244 Resp: 3040999

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

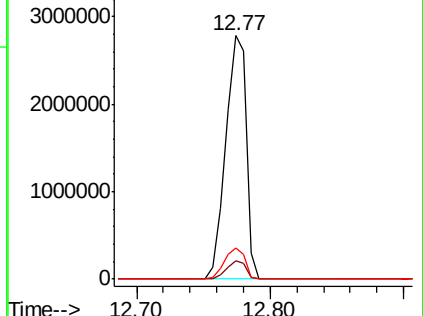
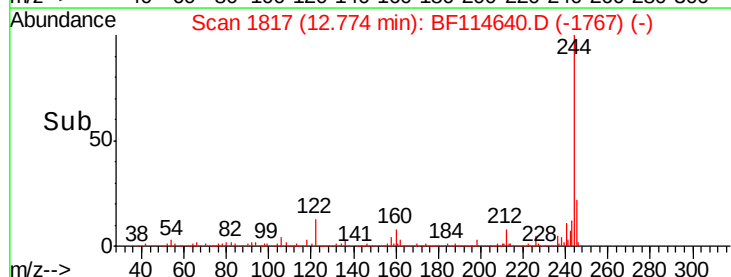
122 12.9 9.8 14.8

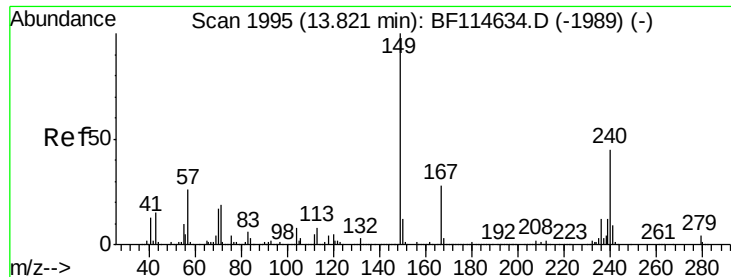


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.905 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

Instrument :

BNA_F

ClientSampleId :

COMP-1

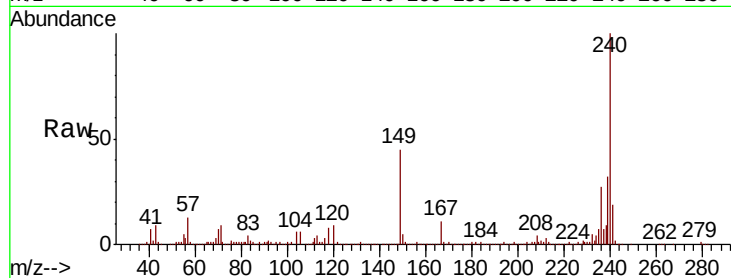
Tot Ion:149 Resp: 231319

Ion Ratio Lower Upper

149 100

167 24.9 22.6 33.8

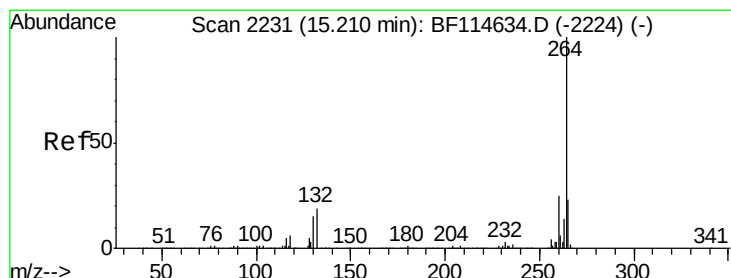
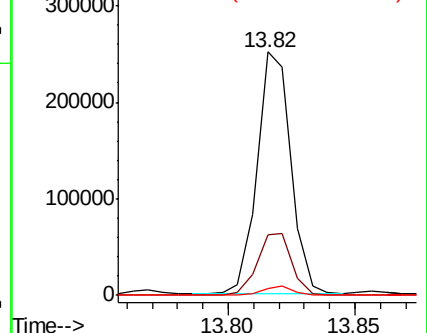
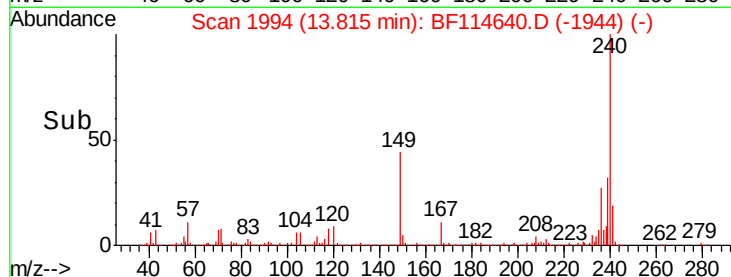
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114640.D

Acq: 29 May 2019 18:43

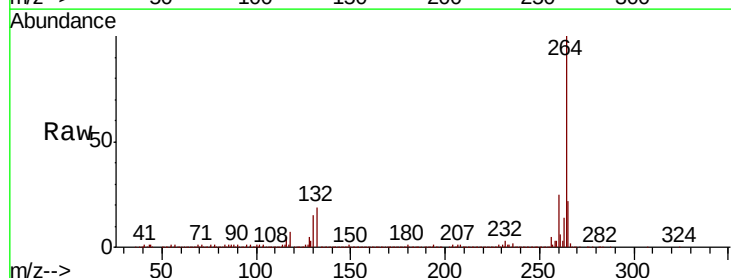
Tgt Ion:264 Resp: 841461

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 22.3 18.1 27.1



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

