

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
 Data File : BF115984.D
 Acq On : 5 Aug 2019 17:21
 Operator : HP/JU
 Sample : K4156-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3380

Quant Time: Aug 06 08:07:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

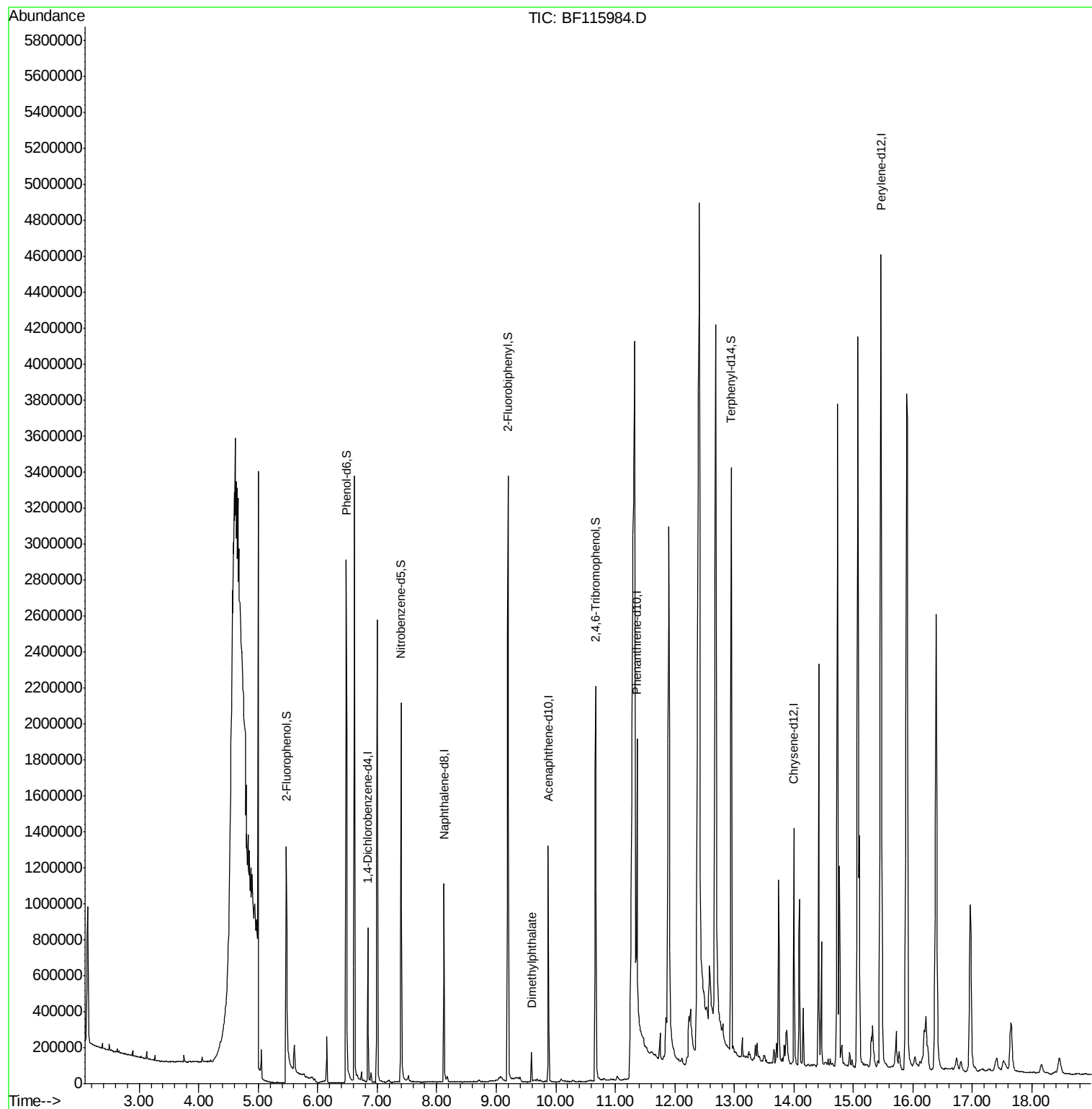
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132824	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	490303	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	278821	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	503391	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	417106	20.00	ng	-0.02
87) Perylene-d12	15.47	264	305010	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	641622	80.87	ng	0.00
7) Phenol-d6	6.48	99	1192741	119.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	740265	87.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	282882	104.65	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1051595	70.64	ng	-0.02
79) Terphenyl-d14	12.94	244	1150727	58.13	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.59	163	69960	3.685	ng	Qvalue 100

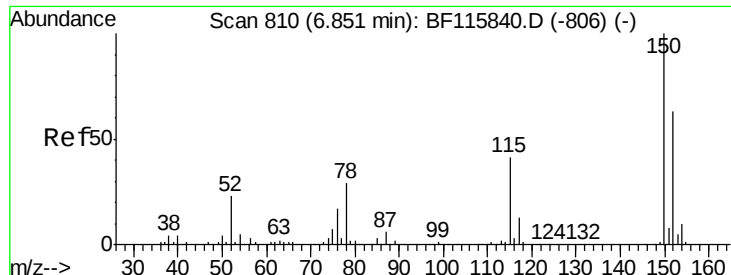
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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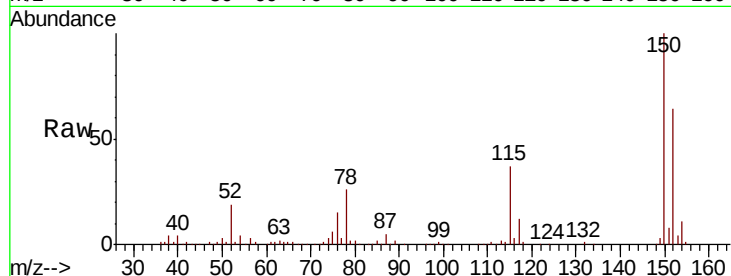


#1

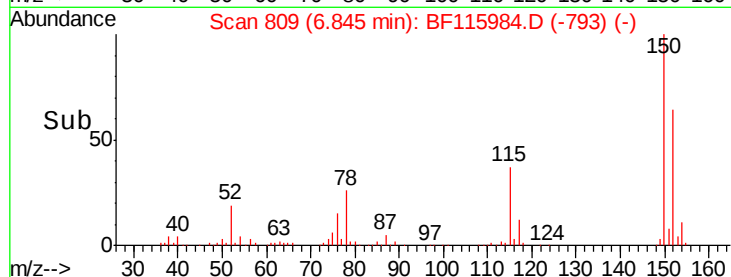
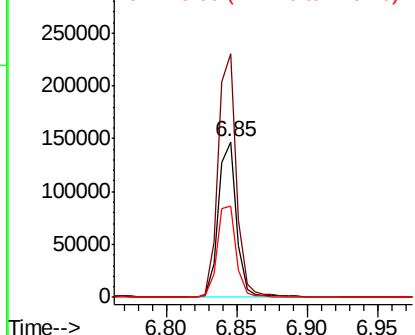
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Instrument :
BNA_F
ClientSampleId :
RT3380

Tot Ion:152 Resp: 132824
Ion Ratio Lower Upper
152 100
150 156.4 127.4 191.0
115 58.5 51.8 77.8



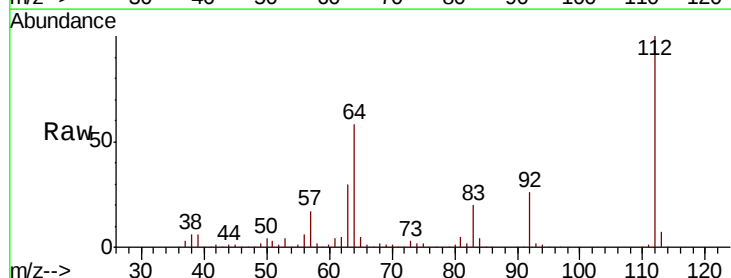
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



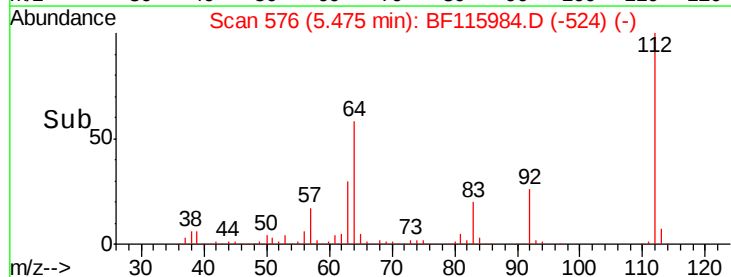
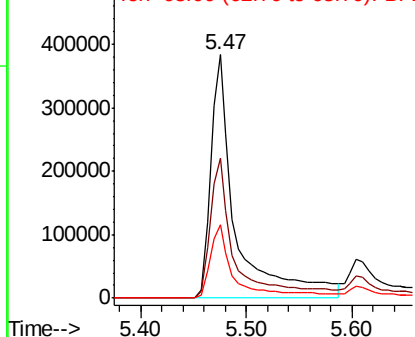
#5

2-Fluorophenol
Concen: 80.868 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Tgt Ion:112 Resp: 641622
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 30.3 24.2 36.2



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: 119.150 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

Instrument :

BNA_F

ClientSampleId :

RT3380

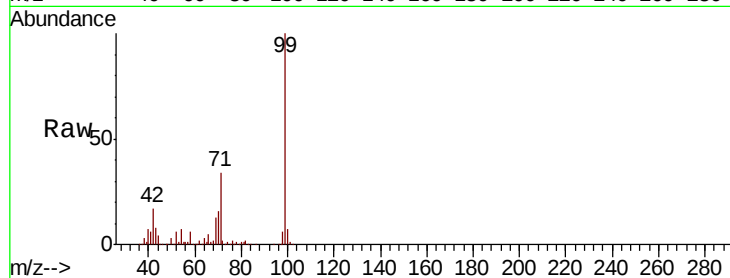
Tot Ion: 99 Resp: 1192741

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

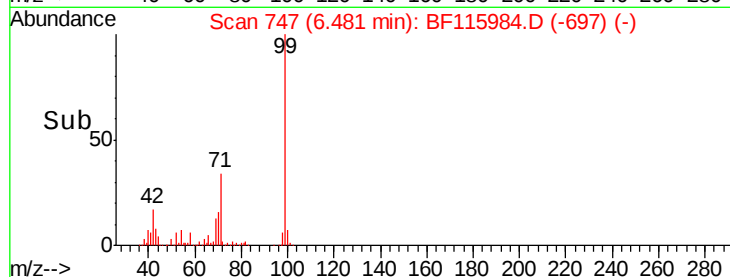
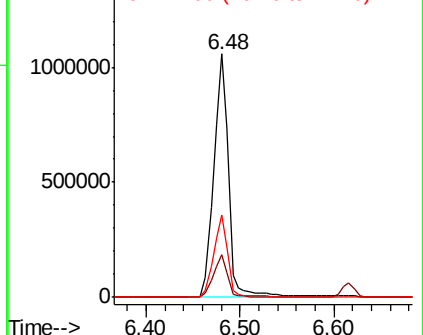
71 33.9 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

Tgt Ion: 136 Resp: 490303

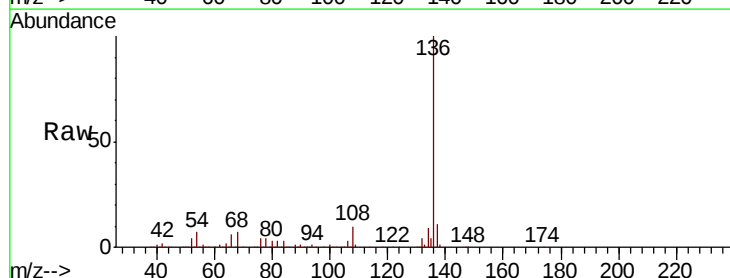
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.4 6.1 9.1

68 6.5 5.4 8.2

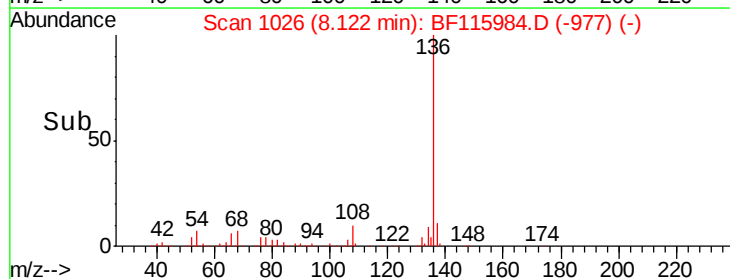
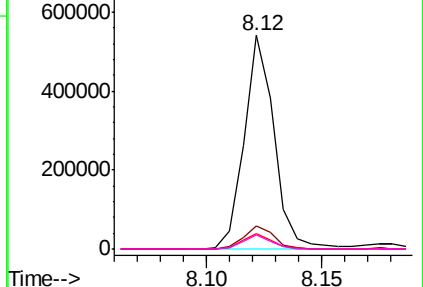


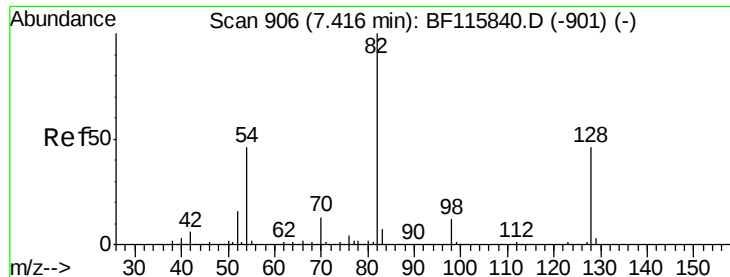
Abundance Ion 136.00 (135.70 to 136.70): E

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

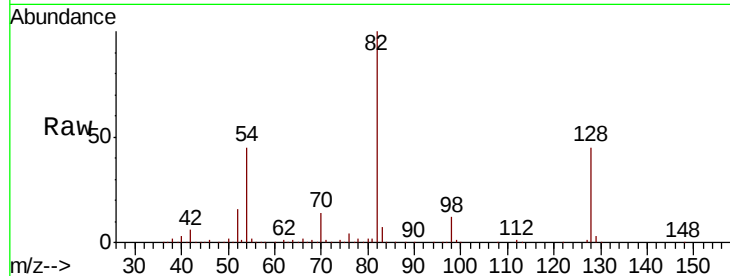




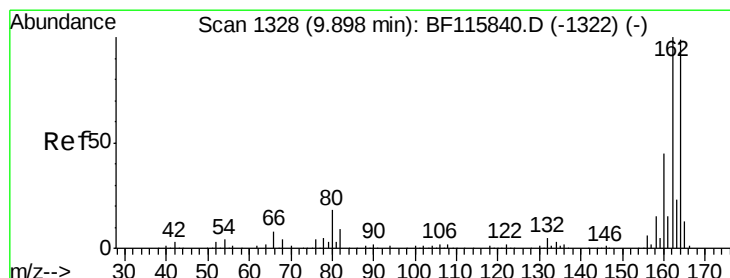
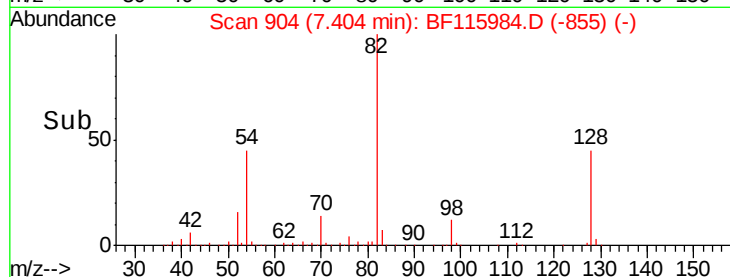
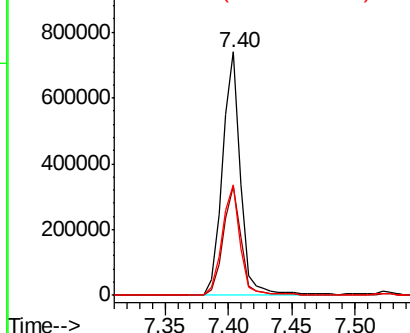
#23
 Nitrobenzene-d5
 Concen: 87.151 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Instrument :
 BNA_F
 ClientSampleID :
 RT3380

Tot Ion	82	Resp	740265
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.6	55.0
54	45.4	36.6	55.0

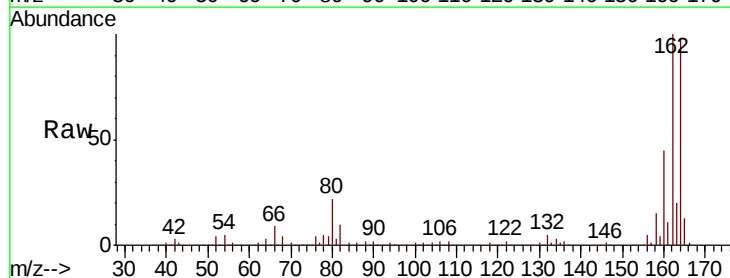


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

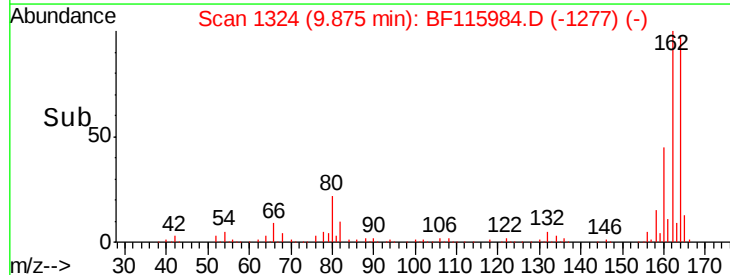
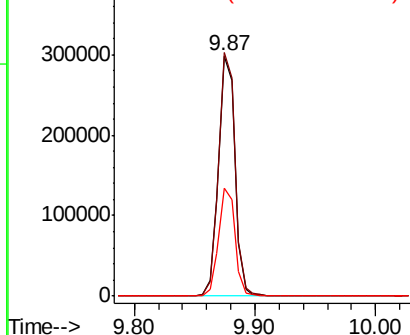


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Tgt Ion	164	Resp	278821
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.8	121.2
160	45.2	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

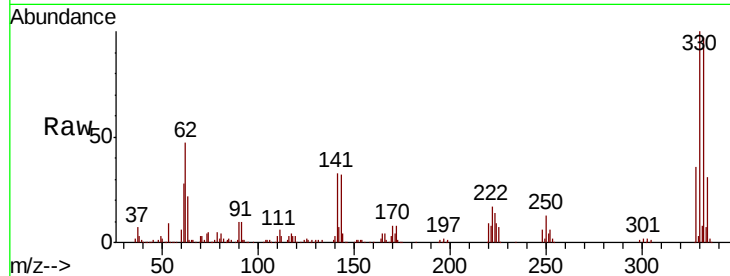




#42
 2,4,6-Tribromophenol
 Concen: 104.645 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Instrument :
 BNA_F
 ClientSampleId :
 RT3380

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.7	116.5
141	35.3	28.1	42.1

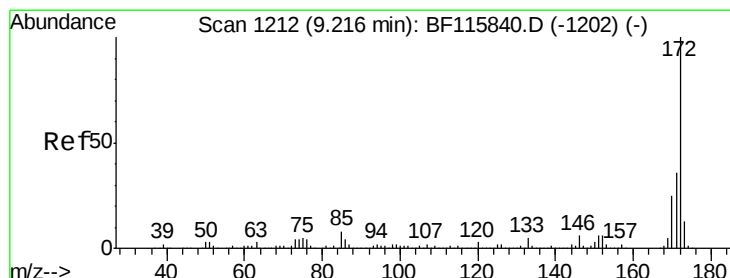
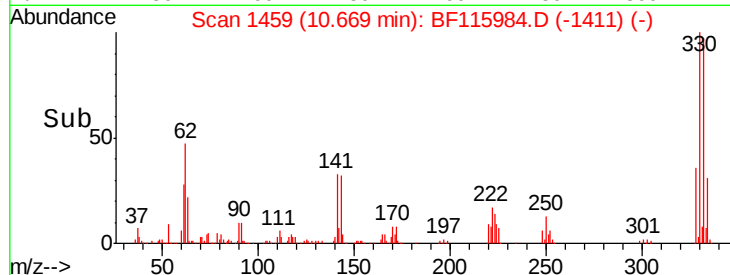
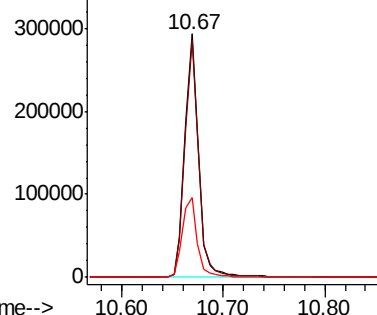


Abundance

Ion 329.80 (329.50 to 330.50): E

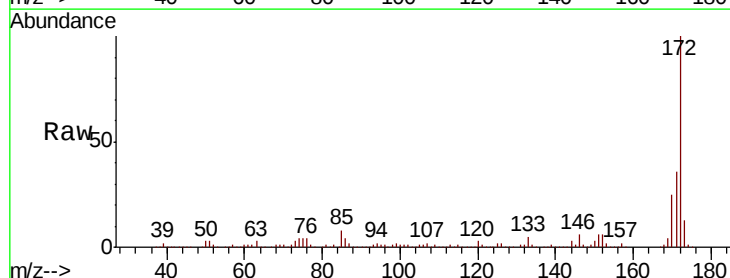
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 70.644 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.8	20.1	30.1

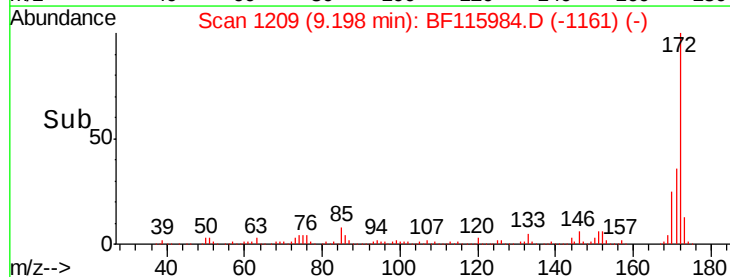
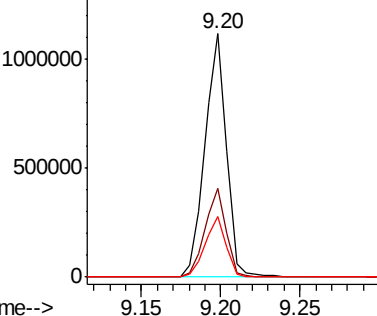


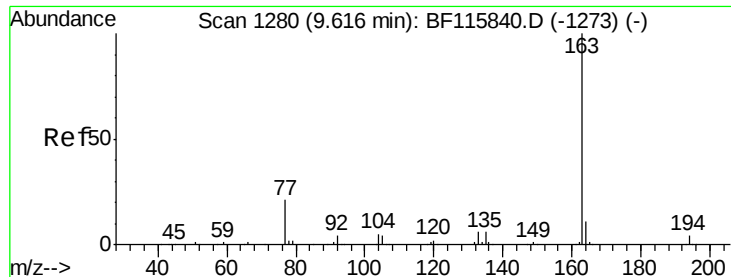
Abundance

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: 3.685 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

Instrument :

BNA_F

ClientSampleId :

RT3380

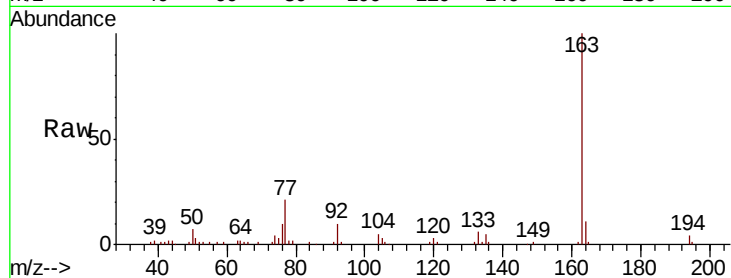
Tot Ion:163 Resp: 69960

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

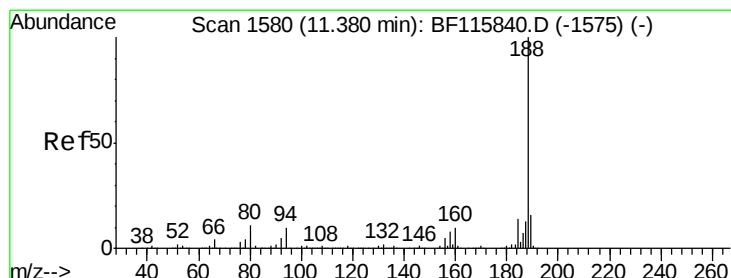
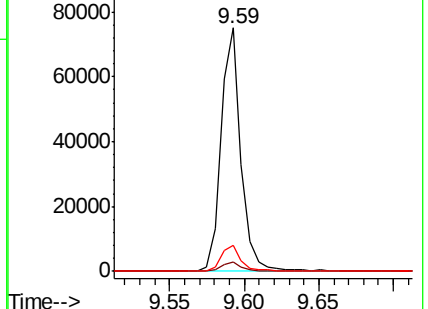
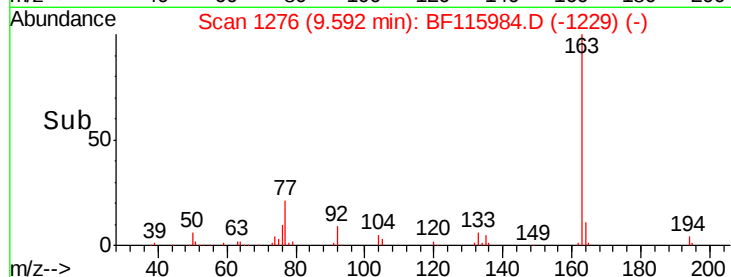
164 10.6 8.4 12.6



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. -0.02 min

Lab File: BF115984.D

Acq: 5 Aug 2019 17:21

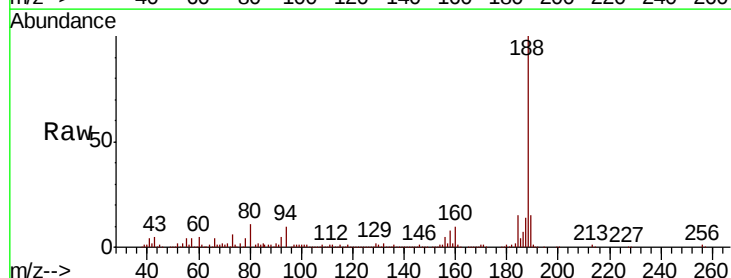
Tgt Ion:188 Resp: 503391

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

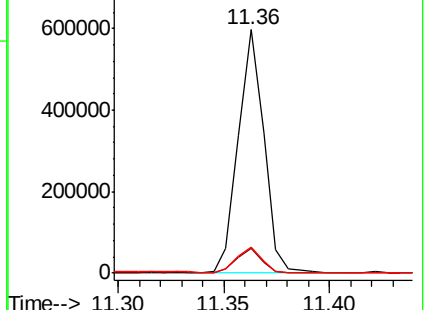
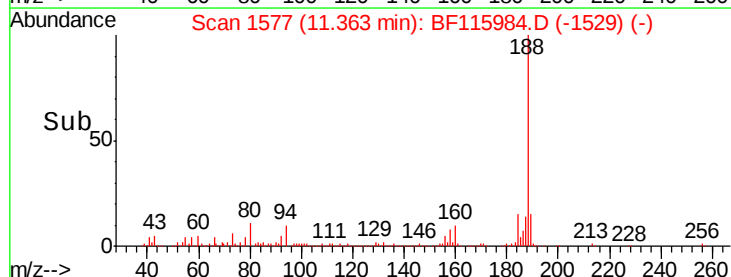
80 10.9 8.6 12.8

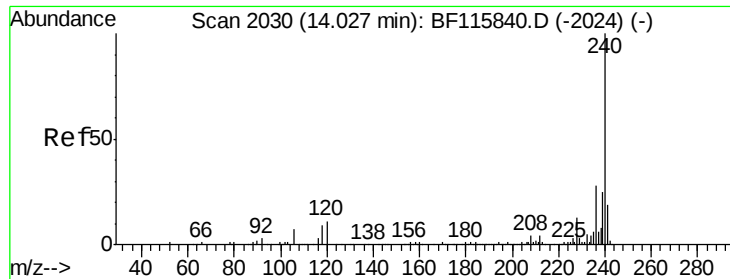


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

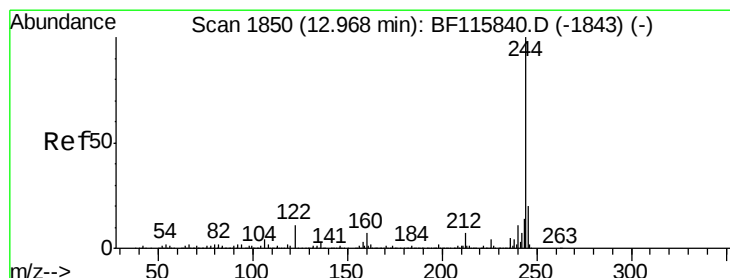
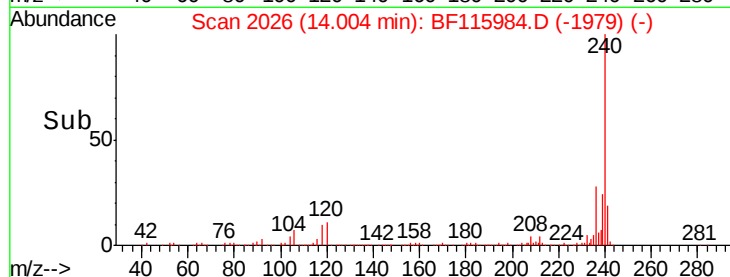
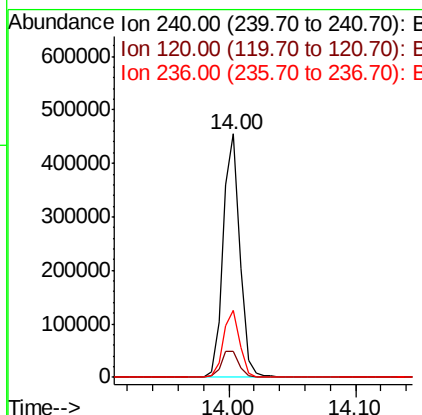
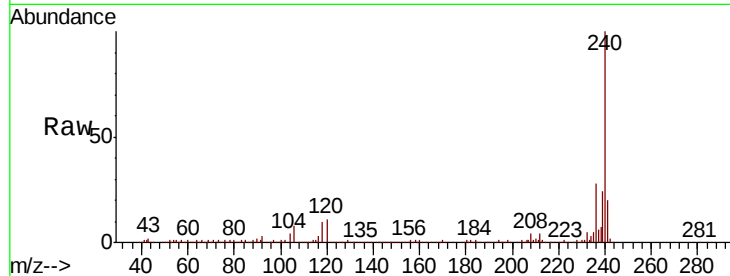




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

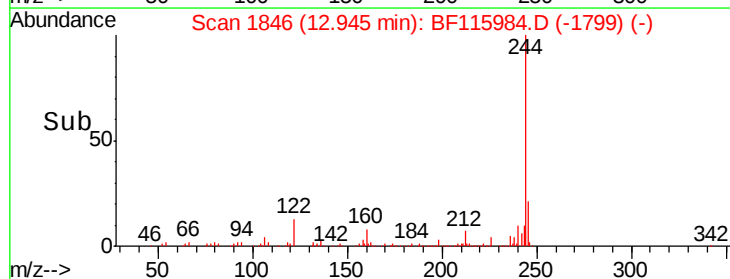
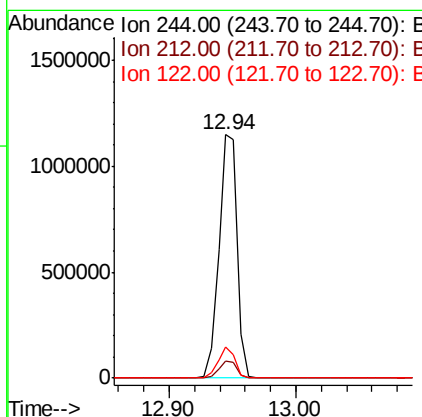
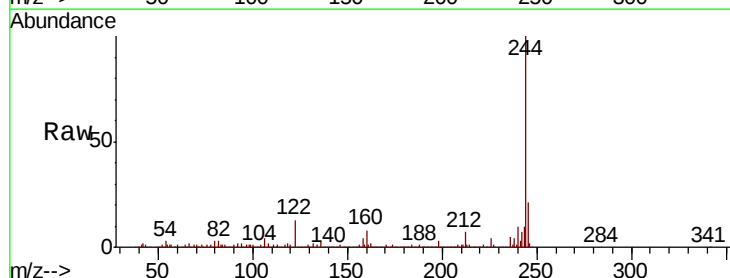
Instrument :
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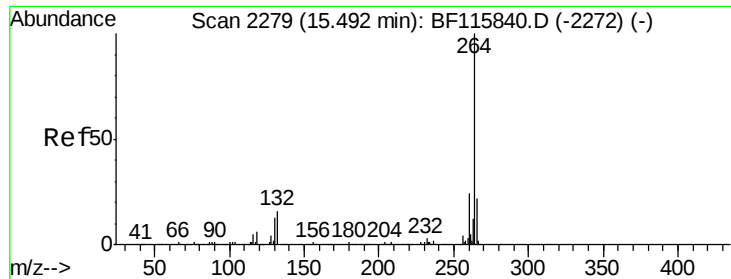
Tot Ion:240 Resp: 417106
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.5 12.7
 236 27.7 22.2 33.2



#79
 Terphenyl-d14
 Concen: 58.133 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF115984.D
 Acq: 5 Aug 2019 17:21

Tgt Ion:244 Resp: 1150727
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.8 8.6 13.0

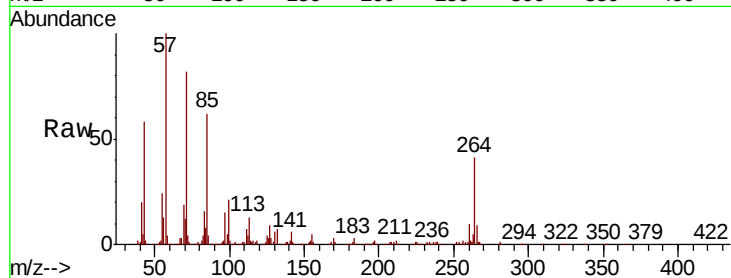




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF115984.D
Acq: 5 Aug 2019 17:21

Instrument :
BNA_F
ClientSampleId :
RT3380

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.1	19.4	29.2	
265	21.7	17.5	26.3	



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

