

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116320.D
 Acq On : 16 Aug 2019 14:14
 Operator : HP/JU
 Sample : K4356-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Aug 17 04:04:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

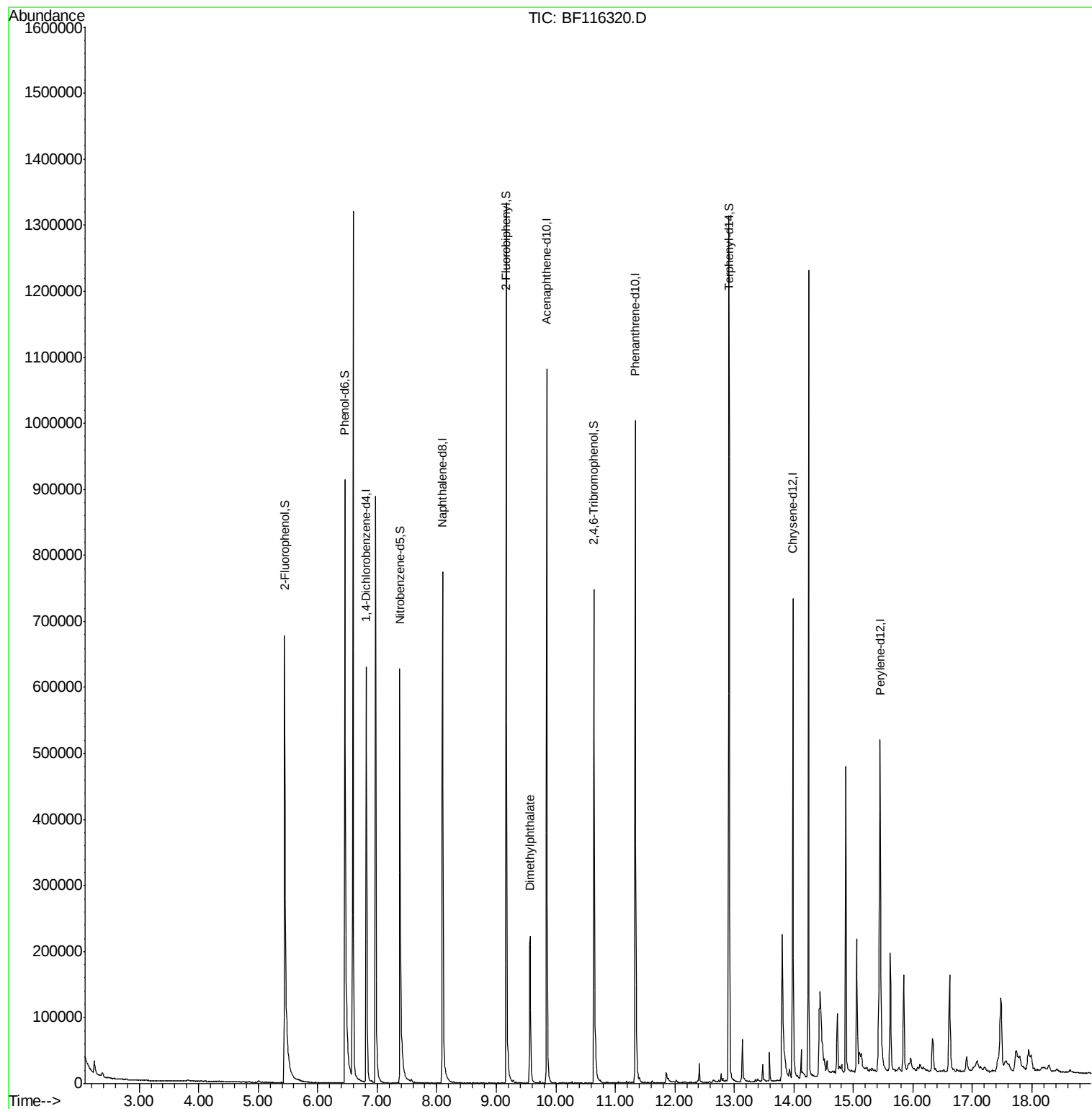
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104337	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	421509	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	231443	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	421817	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	289745	20.00	ng	-0.03
87) Perylene-d12	15.44	264	284912	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	349707	56.11	ng	-0.02
7) Phenol-d6	6.46	99	485050	61.68	ng	-0.03
23) Nitrobenzene-d5	7.38	82	295841	40.51	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	111941	49.89	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	461554	37.35	ng	-0.04
79) Terphenyl-d14	12.91	244	433678	31.54	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.57	163	123884	7.861	ng	Qvalue 100

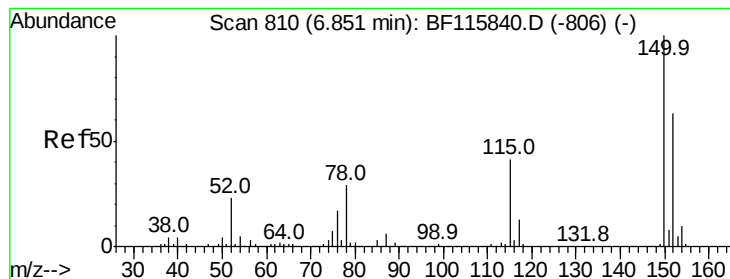
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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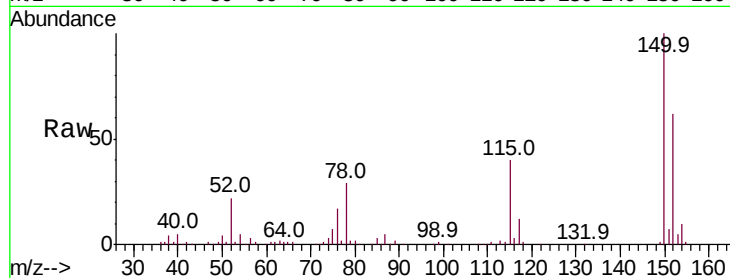


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	64.8	49.9	74.9

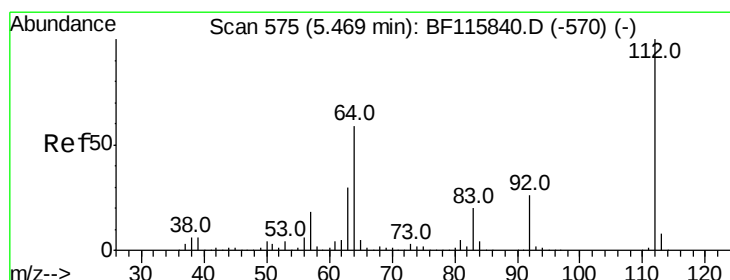
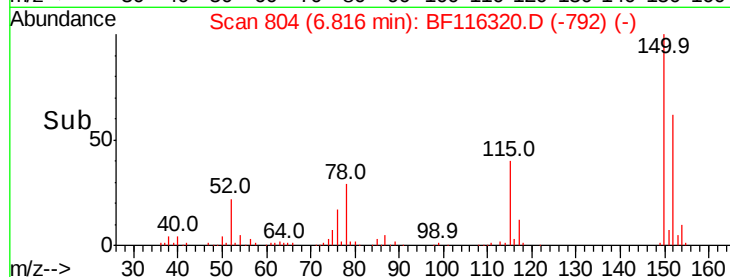
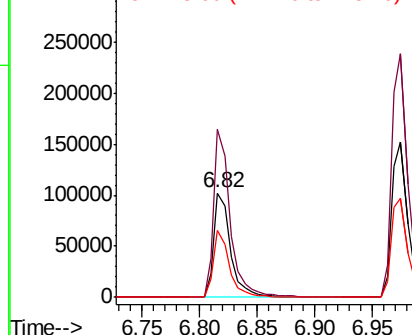


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

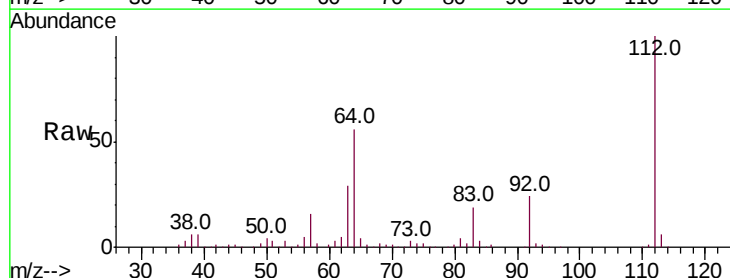
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 56.110 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	28.9	23.7	35.5

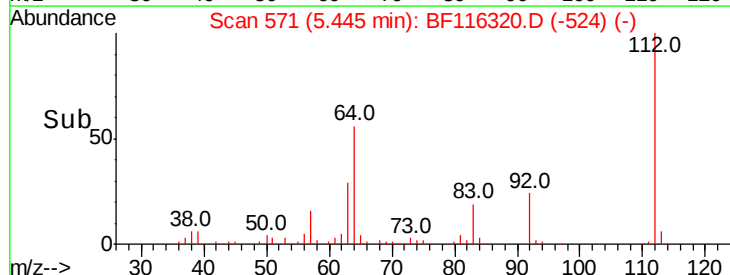
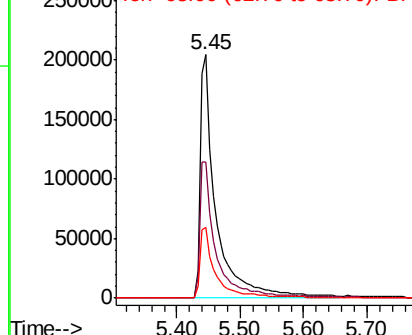


Abundance

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: 61.684 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Instrument :

BNA_F

ClientSampleId :

TP-1

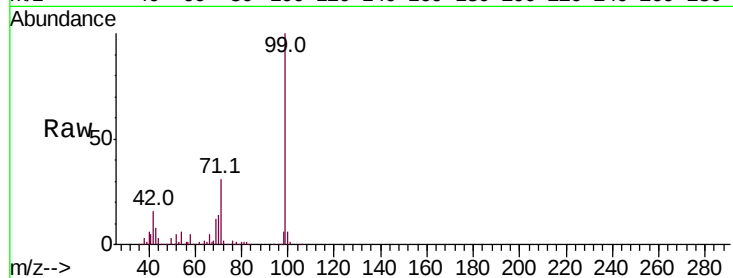
Tot Ion: 99 Resp: 485050

Ion Ratio Lower Upper

99 100

42 16.0 13.8 20.8

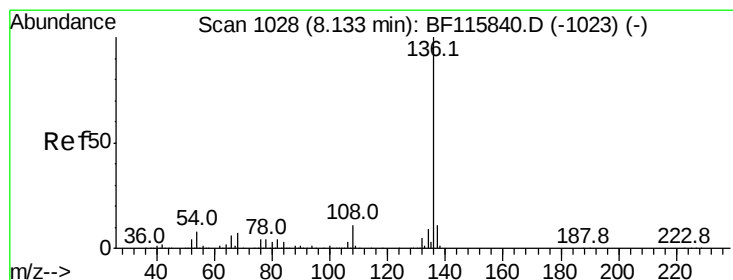
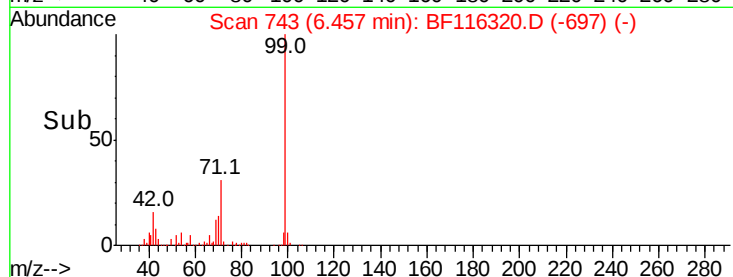
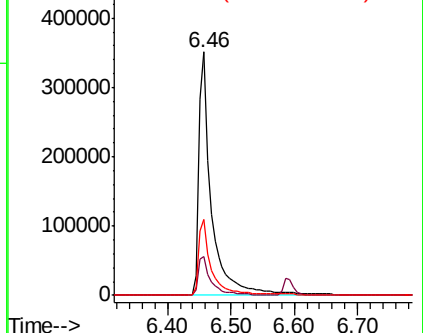
71 31.0 27.3 40.9



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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Tgt Ion: 136 Resp: 421509

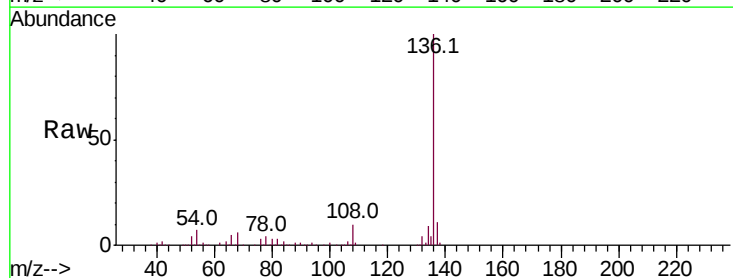
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.8 5.8 8.6

68 5.9 5.2 7.8

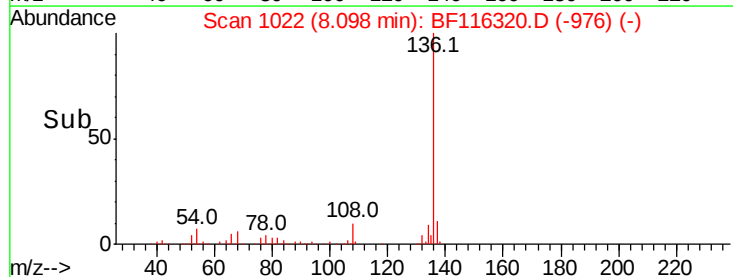
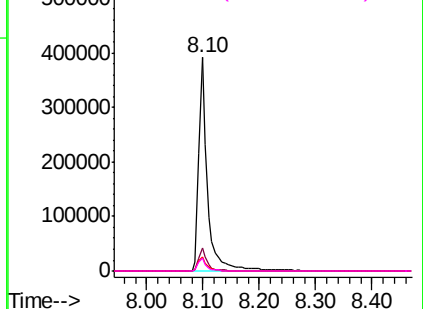


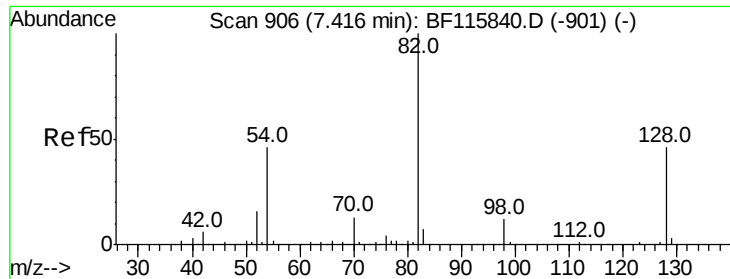
Abundance Ion 136.00 (135.70 to 136.70): E

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

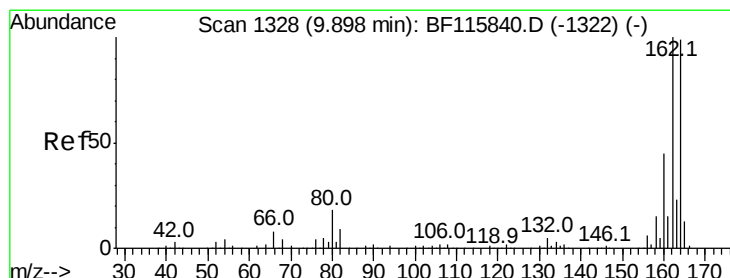
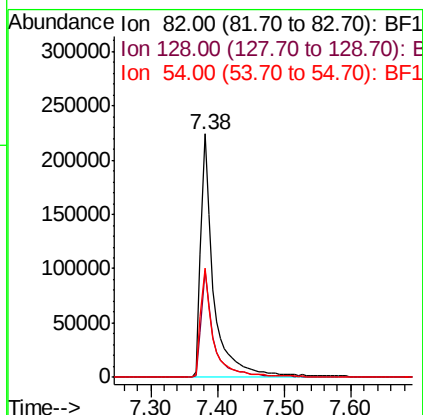
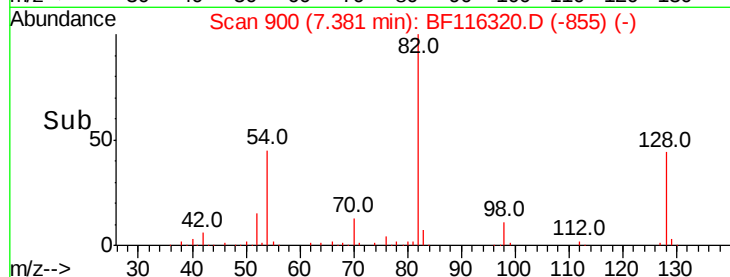
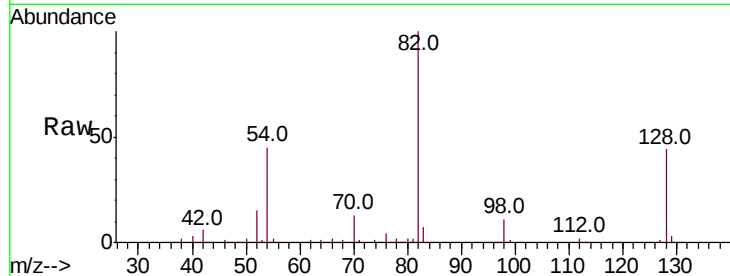




#23
 Nitrobenzene-d5
 Concen: 40.514 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

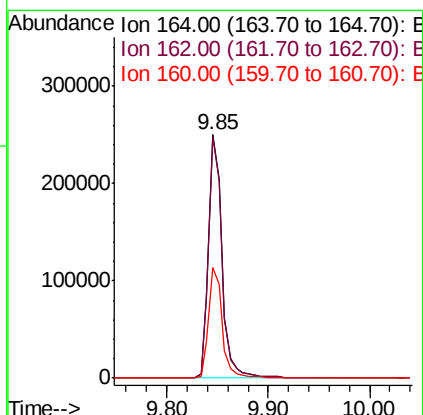
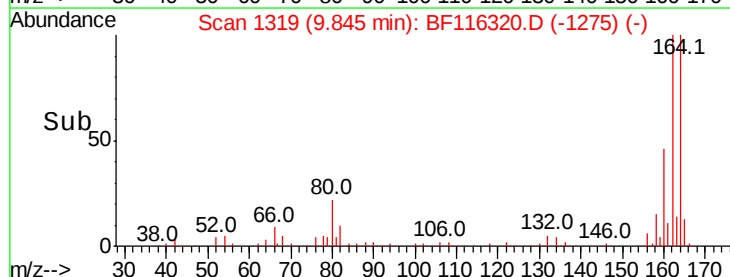
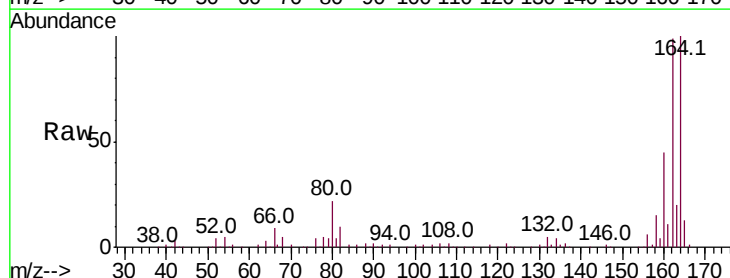
Instrument :
 BNA_F
 ClientSampleID :
 TP-1

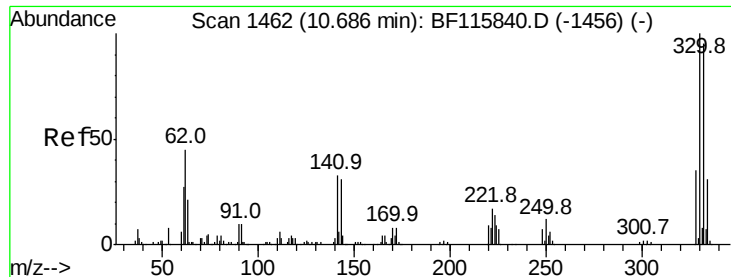
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.5	54.7
54	44.9	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.6	124.0
160	45.4	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 49.887 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Instrument :

BNA_F

ClientSampleId :

TP-1

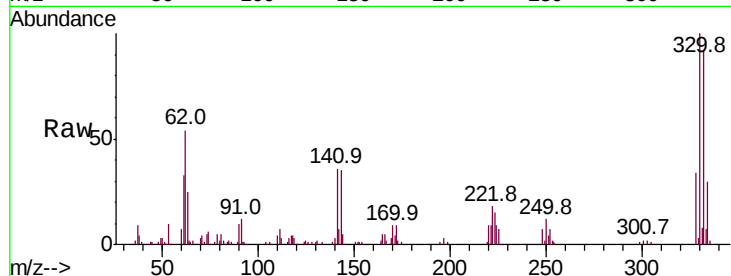
Tot Ion:330 Resp: 111941

Ion Ratio Lower Upper

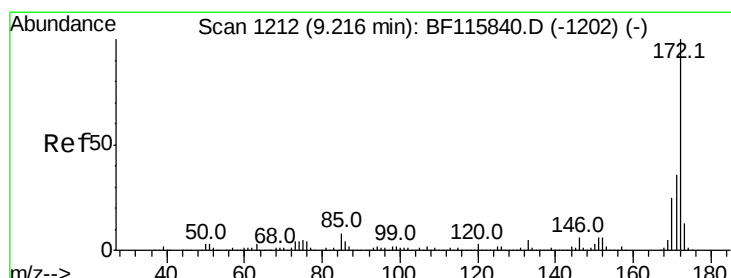
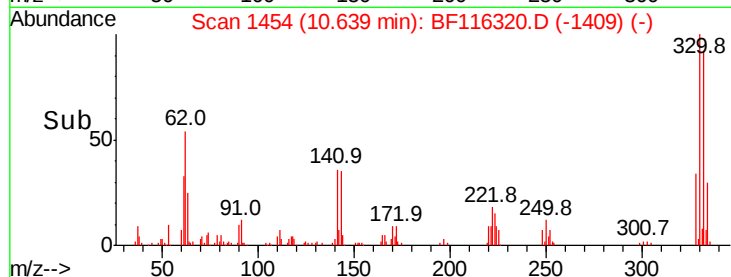
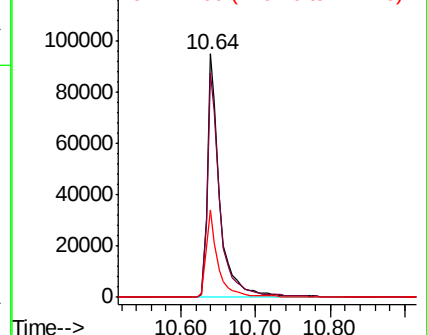
330 100

332 94.6 76.8 115.2

141 34.7 26.3 39.5



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: 37.354 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

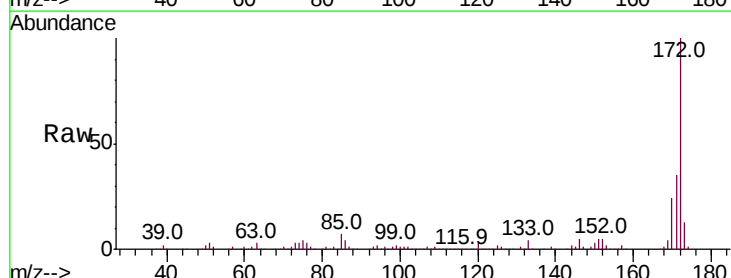
Tgt Ion:172 Resp: 461554

Ion Ratio Lower Upper

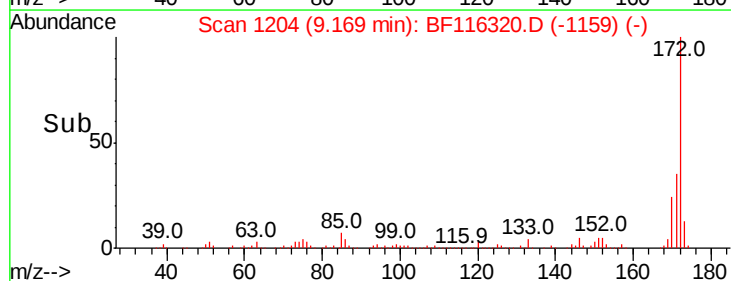
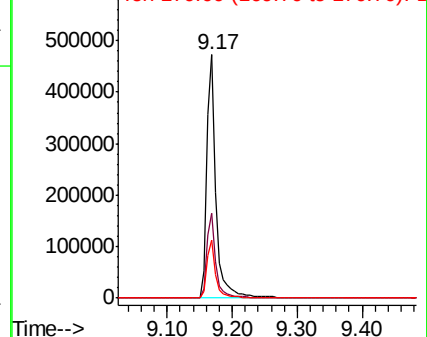
172 100

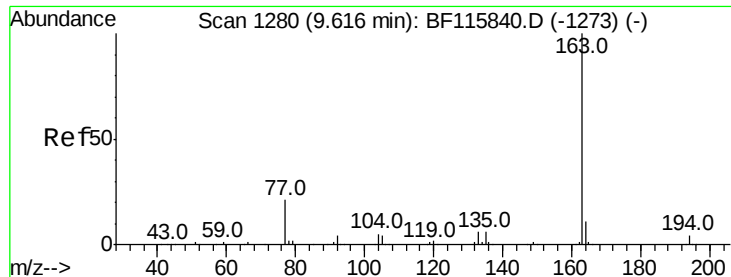
171 34.9 29.6 44.4

170 23.6 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

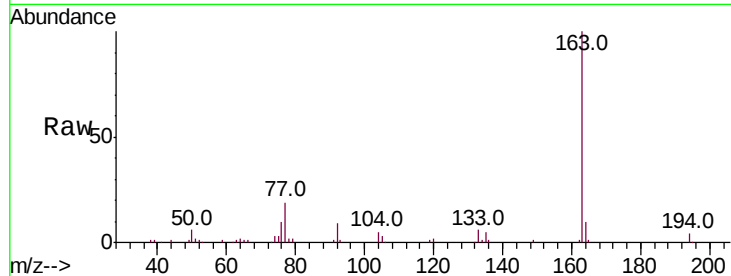




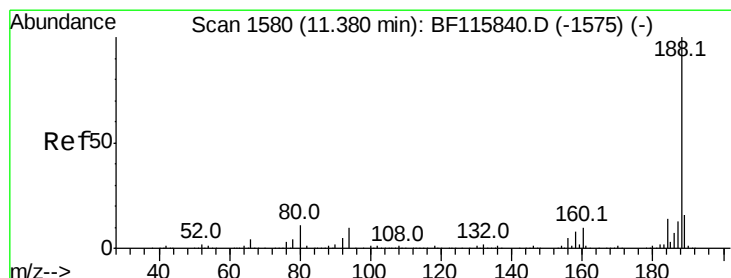
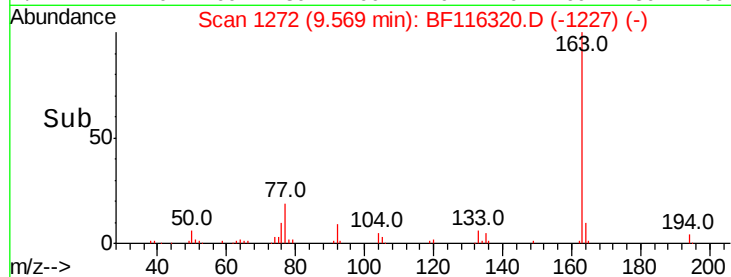
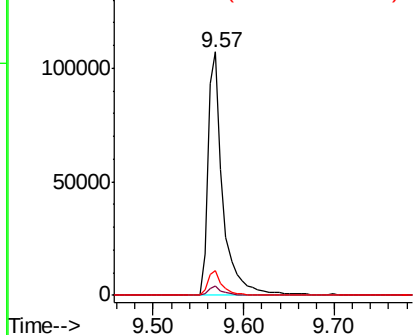
#50
Dimethylphthalate
Concen: 7.861 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116320.D
Acq: 16 Aug 2019 14:14

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion:163 Resp: 123884
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.4 8.4 12.6

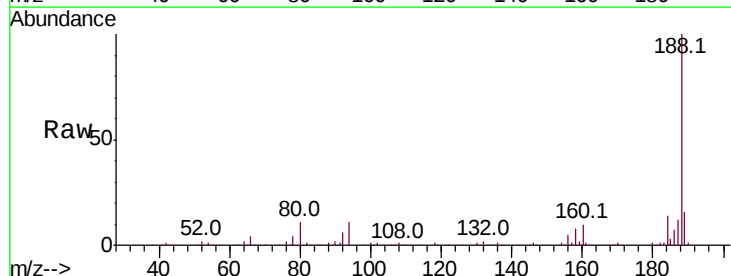


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

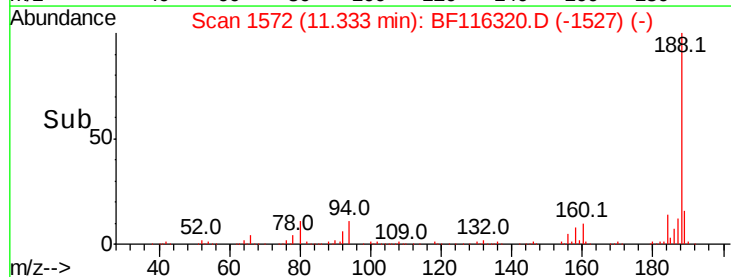
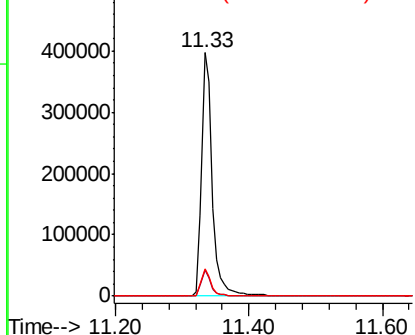


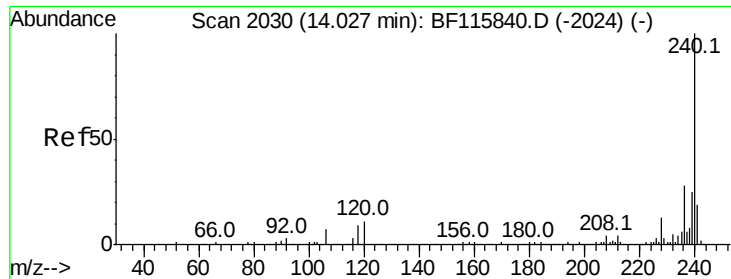
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116320.D
Acq: 16 Aug 2019 14:14

Tgt Ion:188 Resp: 421817
Ion Ratio Lower Upper
188 100
94 10.7 8.1 12.1
80 11.4 8.7 13.1



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

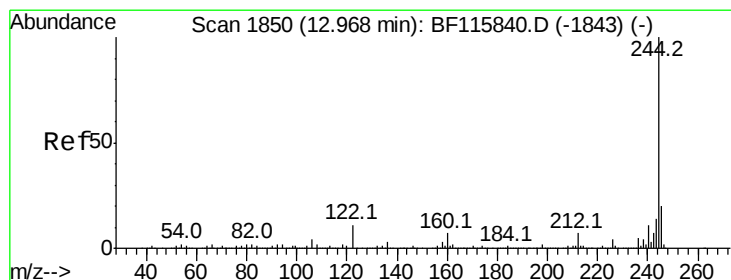
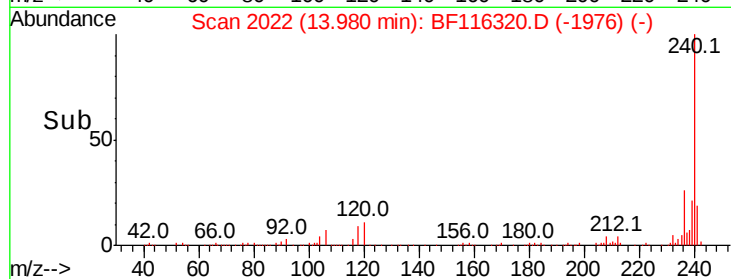
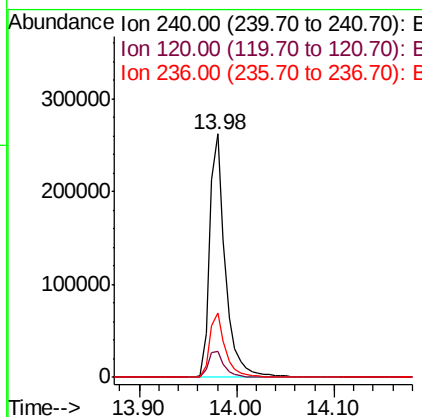
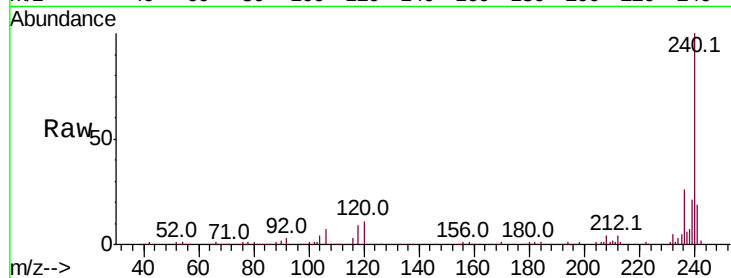




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116320.D
Acq: 16 Aug 2019 14:14

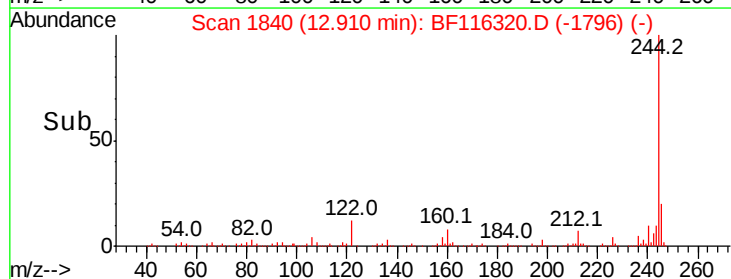
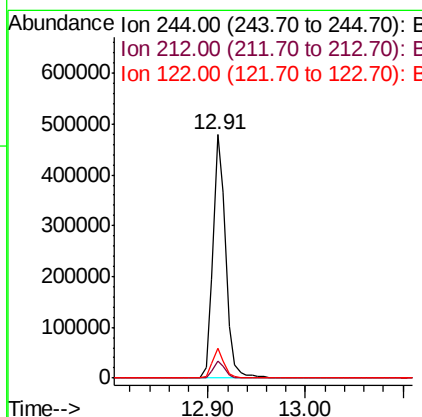
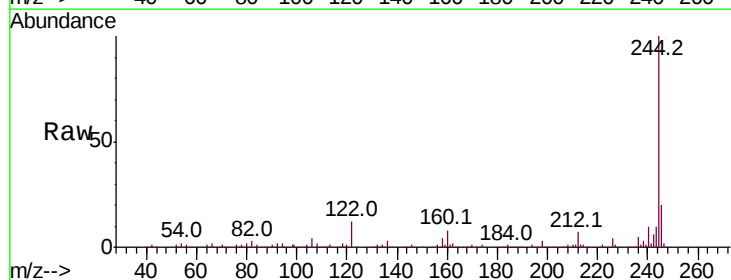
Instrument :
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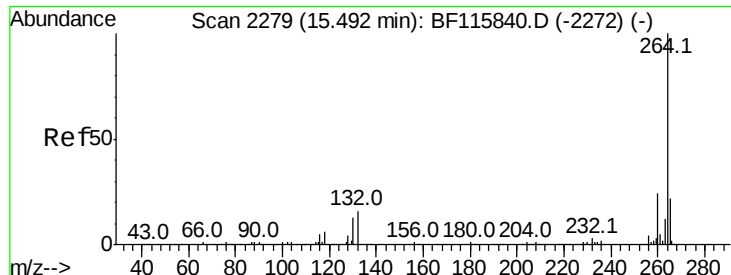
Tot Ion:240 Resp: 289745
Ion Ratio Lower Upper
240 100
120 10.8 10.7 16.1
236 26.3 22.2 33.2



#79
Terphenyl-d14
Concen: 31.539 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF116320.D
Acq: 16 Aug 2019 14:14

Tgt Ion:244 Resp: 433678
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.0 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion: 264 Resp: 284912
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 22.1 17.4 26.0

