

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116326.D
 Acq On : 16 Aug 2019 19:12
 Operator : HP/JU
 Sample : K4356-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Aug 17 04:21:43 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

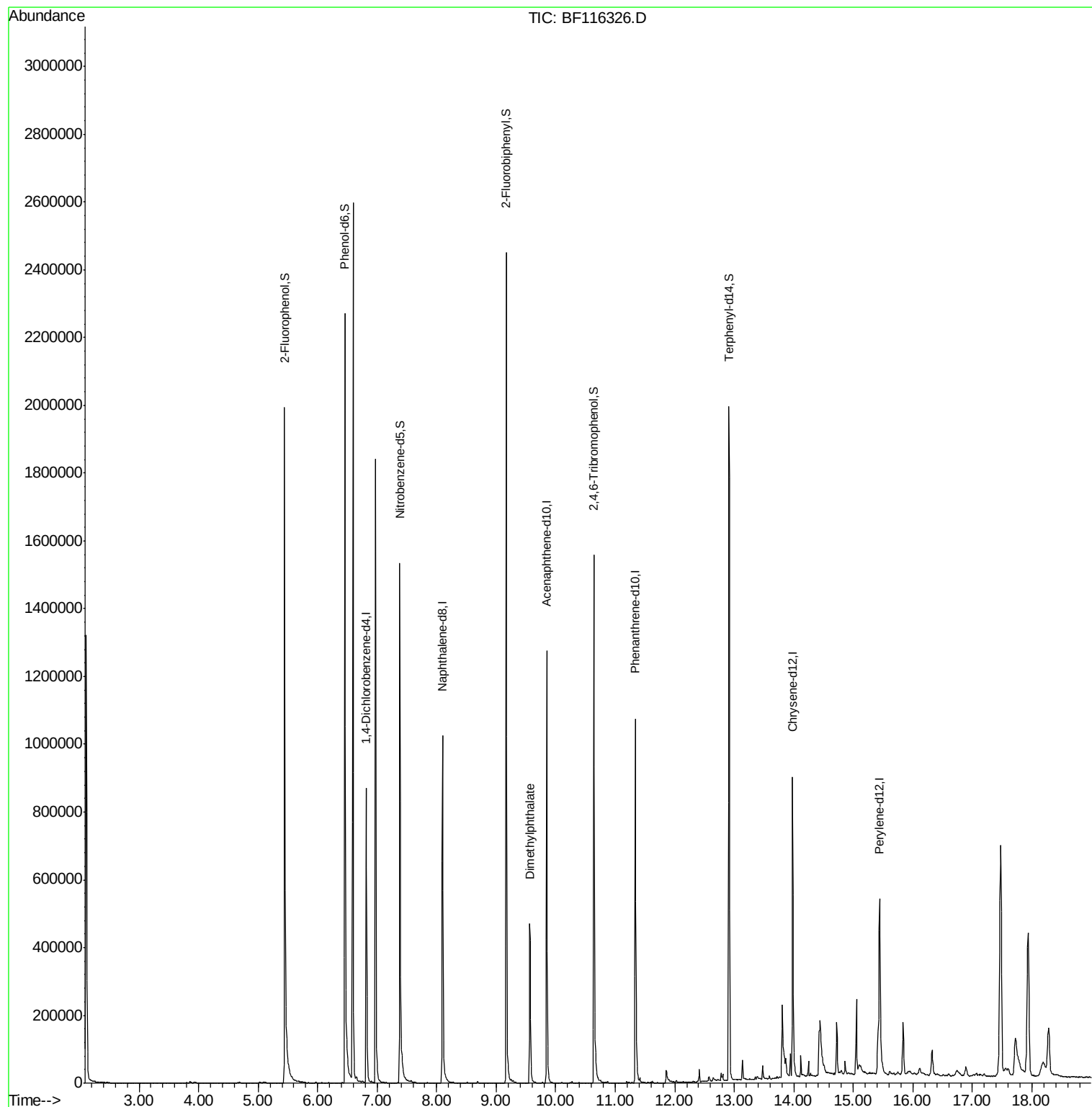
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	138615	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	539337	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	282557	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	502425	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	342835	20.00	ng	-0.03
87) Perylene-d12	15.44	264	306319	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	700058	84.55	ng	-0.02
7) Phenol-d6	6.46	99	891951	85.38	ng	-0.03
23) Nitrobenzene-d5	7.38	82	593229	63.49	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	216383	78.99	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	797763	52.88	ng	-0.04
79) Terphenyl-d14	12.91	244	704218	43.28	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	239188	12.432	ng	Qvalue 100

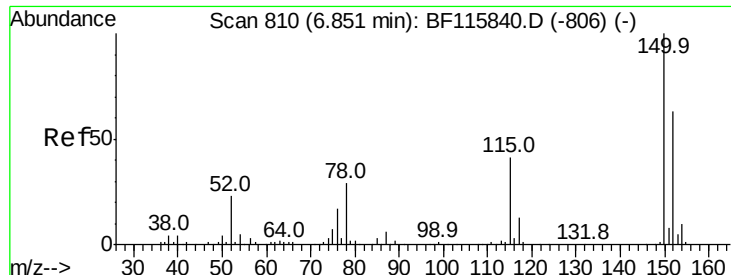
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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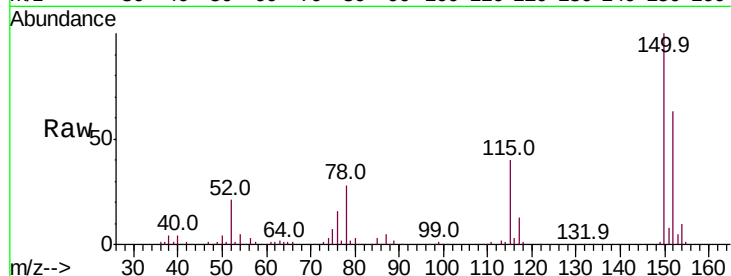


#1

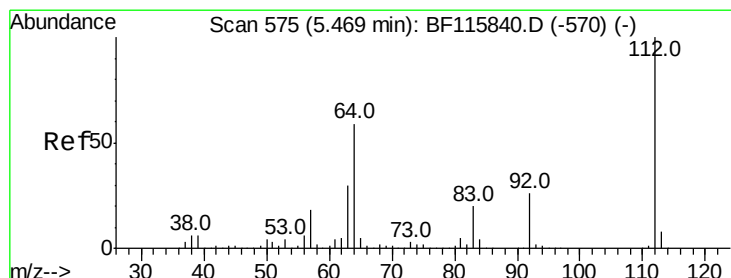
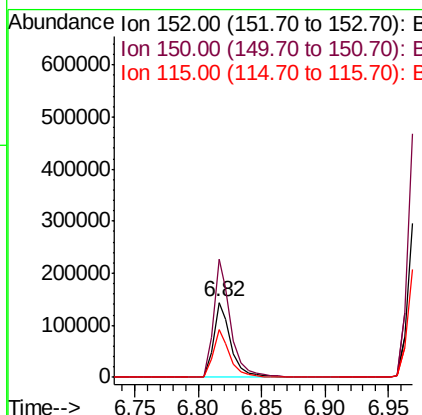
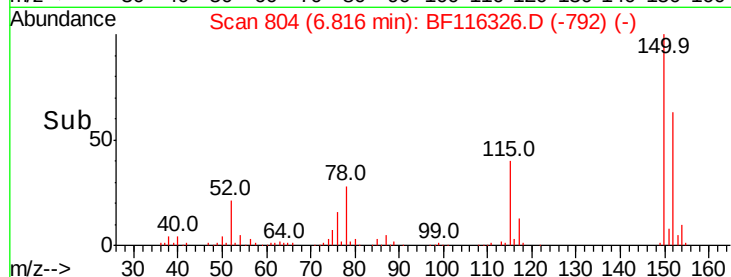
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116326.D
Acq: 16 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion:152 Resp: 138615
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 63.0 49.9 74.9



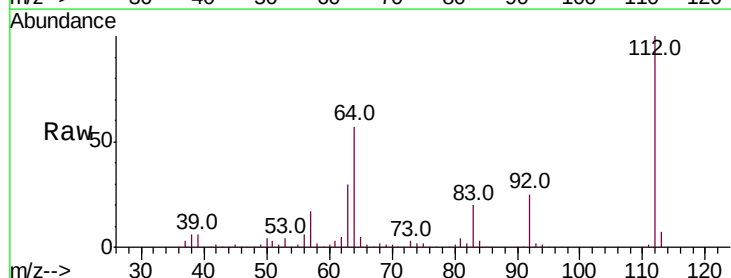
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



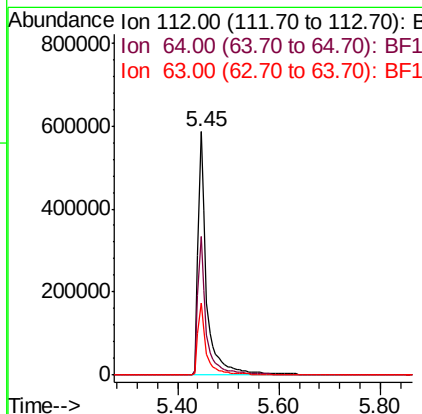
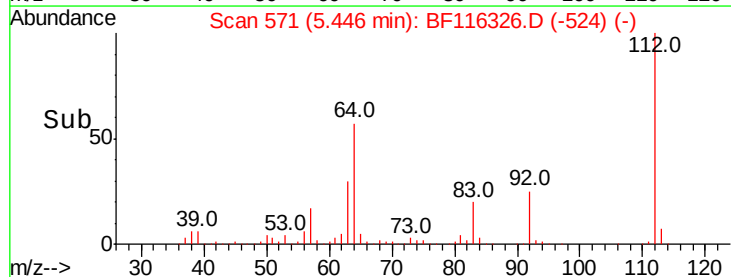
#5

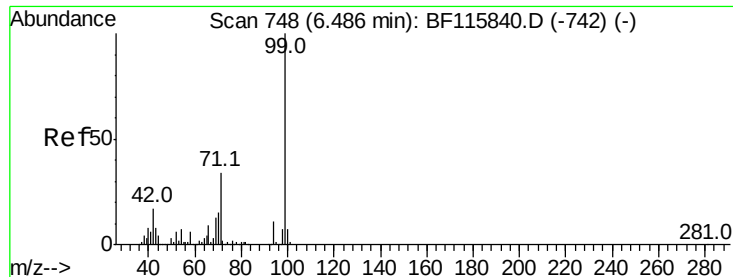
2-Fluorophenol
Concen: 84.546 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF116326.D
Acq: 16 Aug 2019 19:12

Tgt Ion:112 Resp: 700058
Ion Ratio Lower Upper
112 100
64 57.2 45.4 68.2
63 29.6 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: 85.380 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

Instrument :

BNA_F

ClientSampled :

TP-6

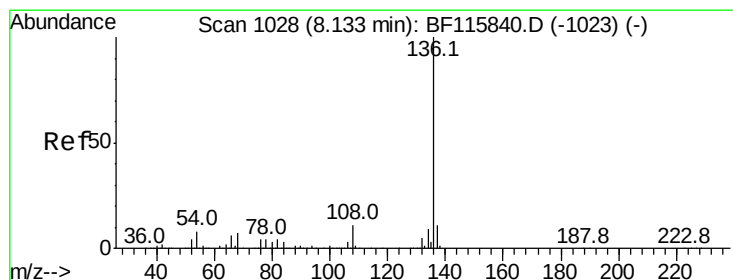
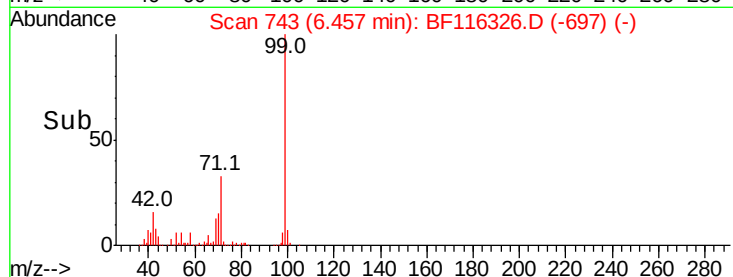
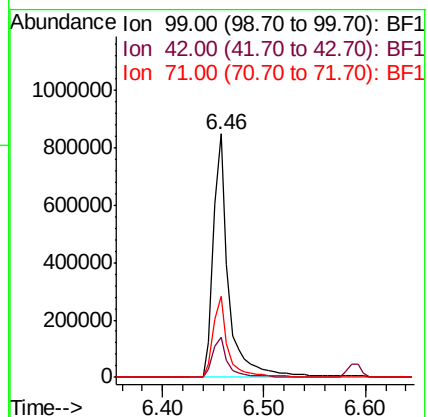
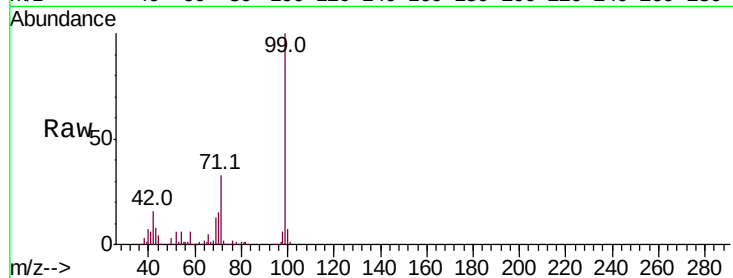
Tot Ion: 99 Resp: 891951

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.8

71 33.3 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

Tgt Ion: 136 Resp: 539337

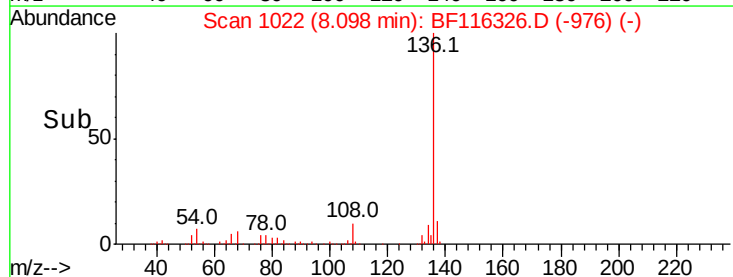
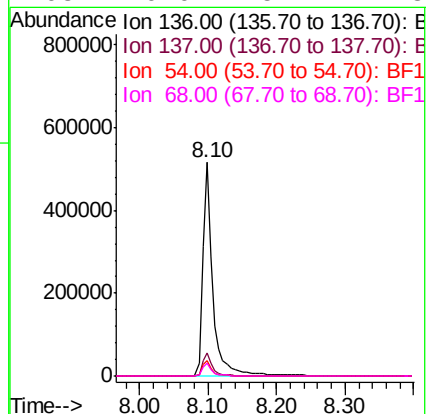
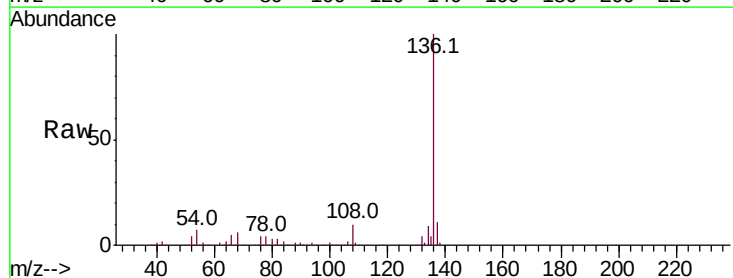
Ion Ratio Lower Upper

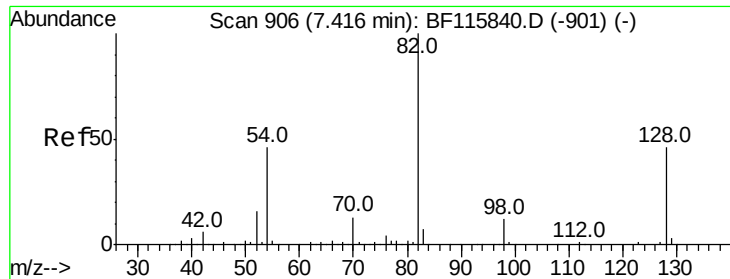
136 100

137 11.0 9.0 13.4

54 7.0 5.8 8.6

68 6.0 5.2 7.8

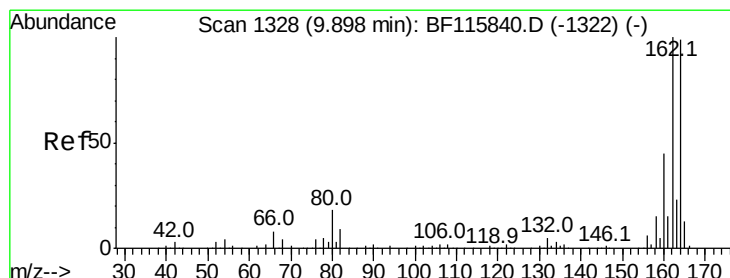
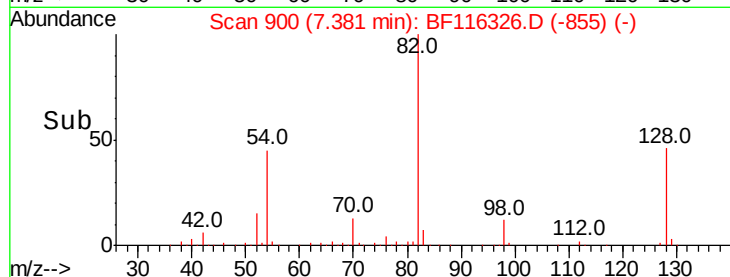
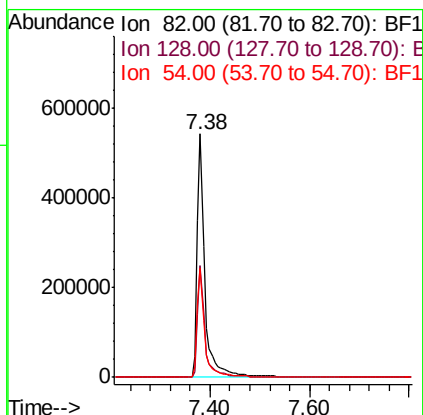
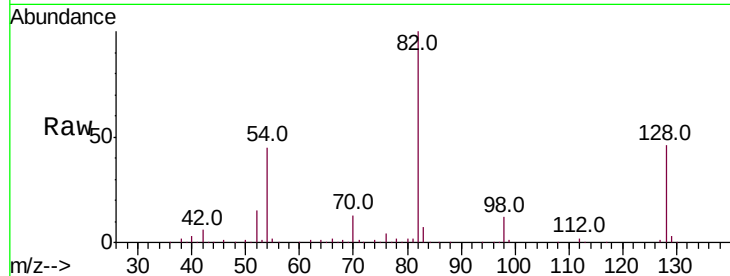




#23
 Nitrobenzene-d5
 Concen: 63.491 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116326.D
 Acq: 16 Aug 2019 19:12

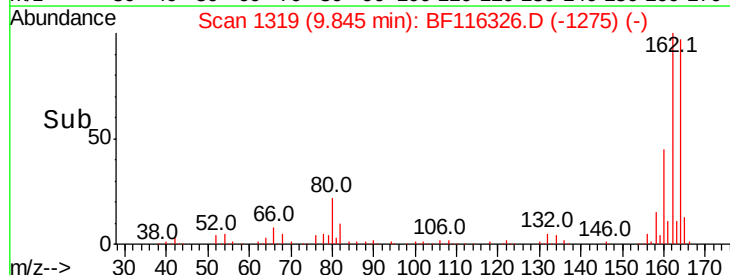
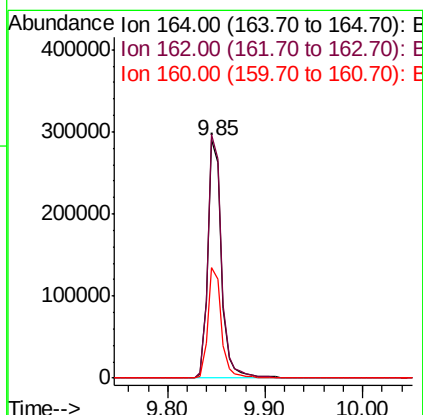
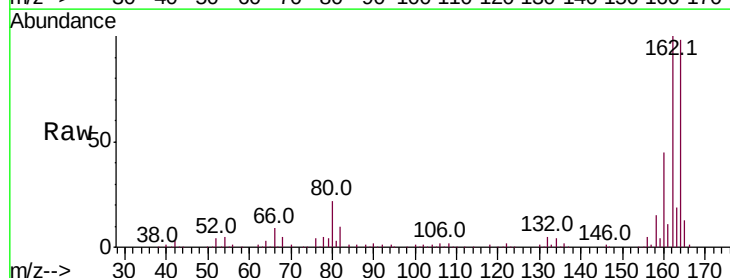
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

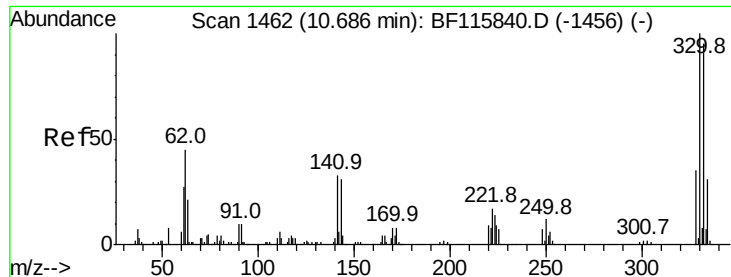
Tot Ion: 82 Resp: 593229
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.5 54.7
 54 45.0 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.04 min
 Lab File: BF116326.D
 Acq: 16 Aug 2019 19:12

Tgt Ion: 164 Resp: 282557
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.6 124.0
 160 46.4 37.6 56.4

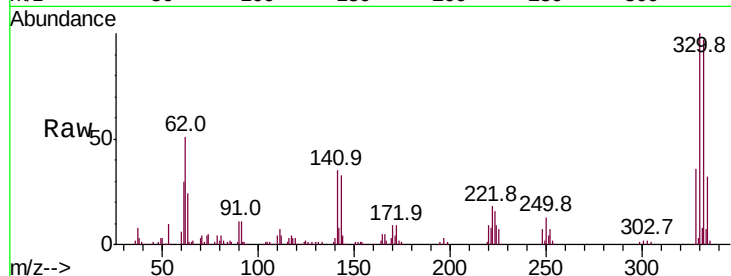




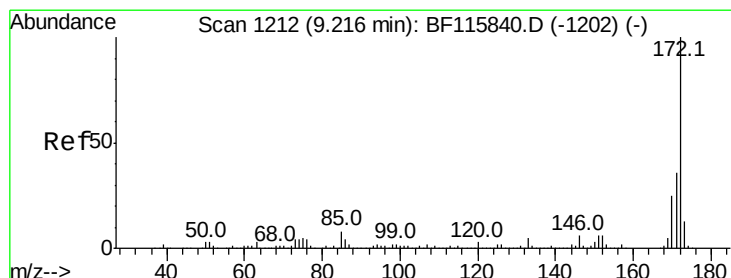
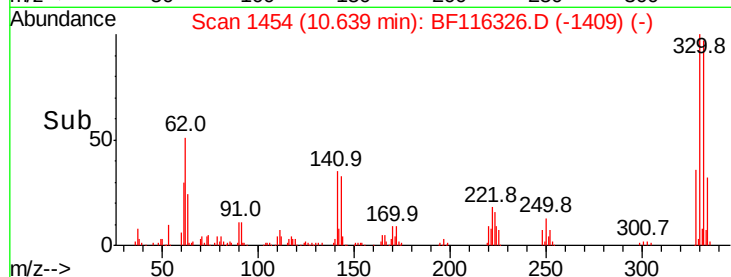
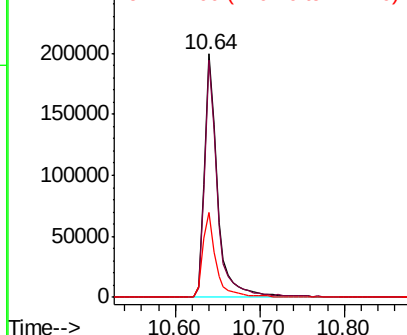
#42
 2,4,6-Tribromophenol
 Concen: 78.987 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116326.D
 Acq: 16 Aug 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	35.0	26.3	39.5

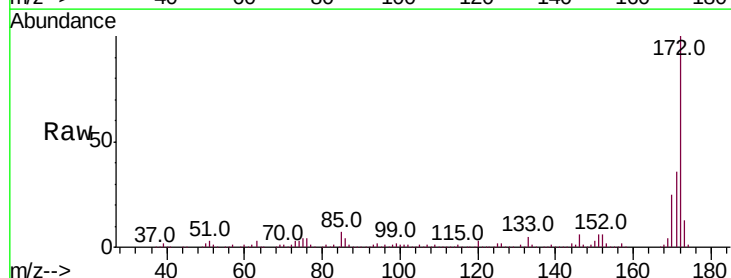


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

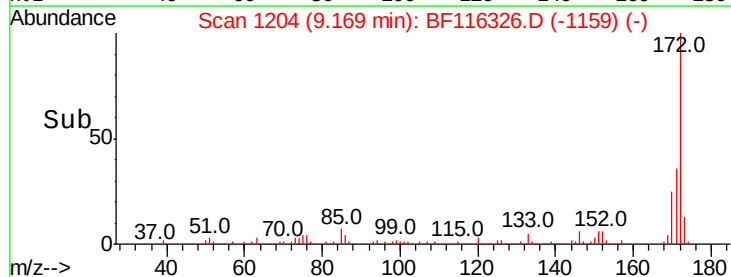
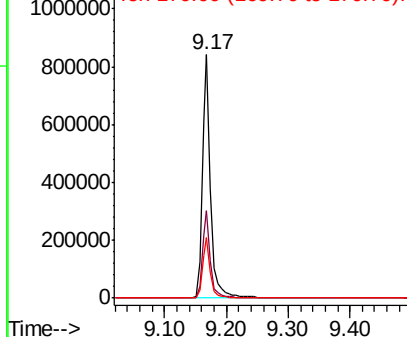


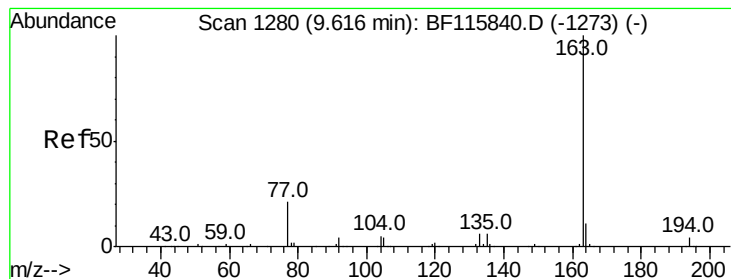
#45
 2-Fluorobiphenyl
 Concen: 52.884 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116326.D
 Acq: 16 Aug 2019 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
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: 12.432 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

Instrument :

BNA_F

ClientSampled :

TP-6

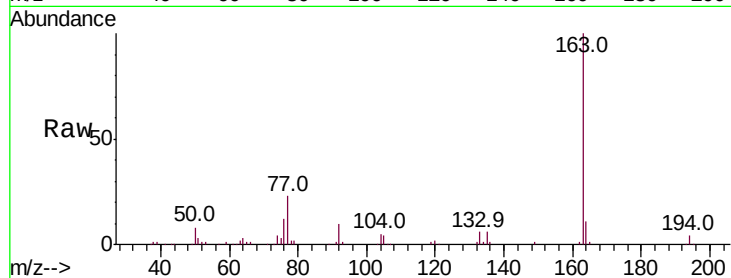
Tot Ion:163 Resp: 239188

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

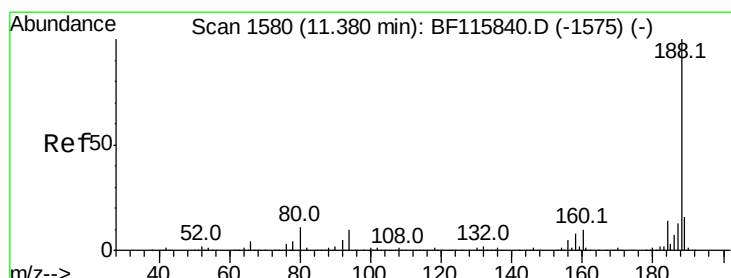
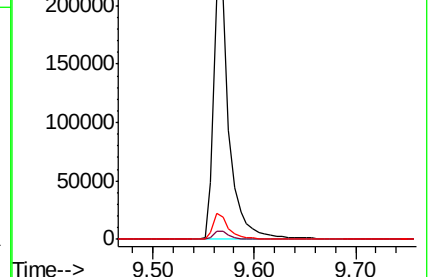
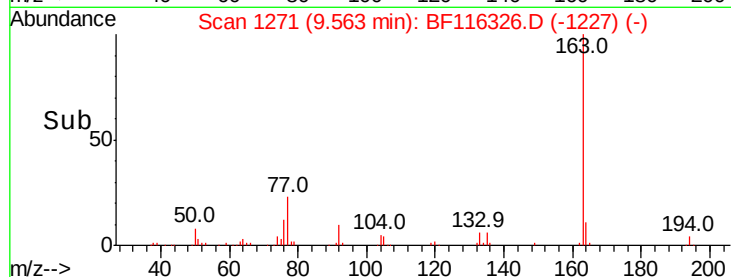
164 10.5 8.4 12.6



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: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

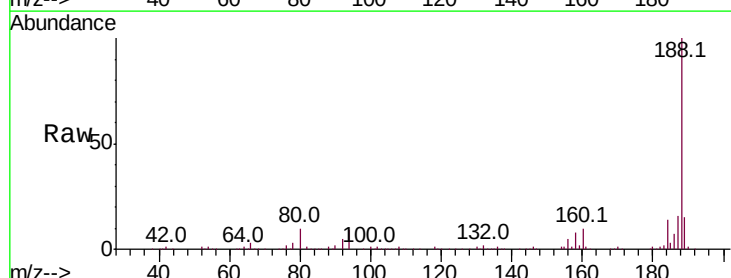
Tgt Ion:188 Resp: 502425

Ion Ratio Lower Upper

188 100

94 9.1 8.1 12.1

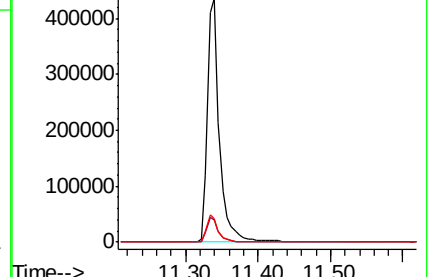
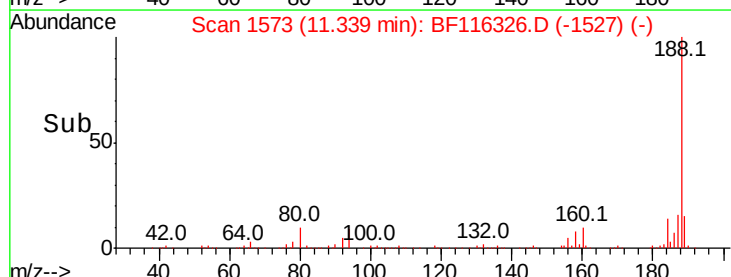
80 9.6 8.7 13.1

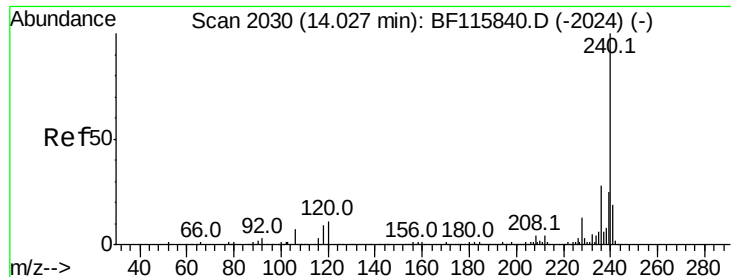


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF116326.D

Acq: 16 Aug 2019 19:12

Instrument :

BNA_F

ClientSampleId :

TP-6

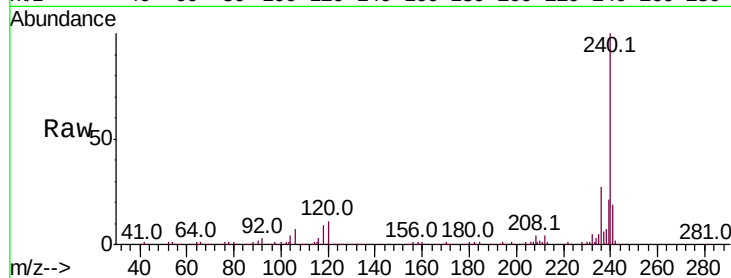
Tot Ion:240 Resp: 342835

Ion Ratio Lower Upper

240 100

120 10.9 10.7 16.1

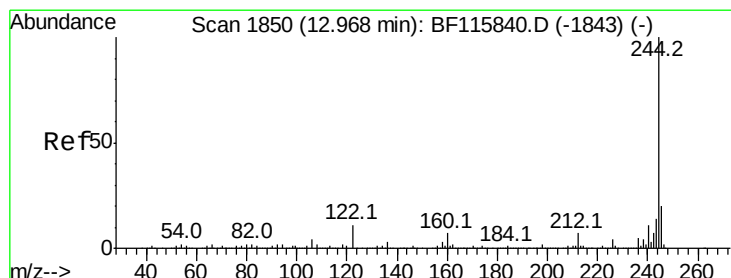
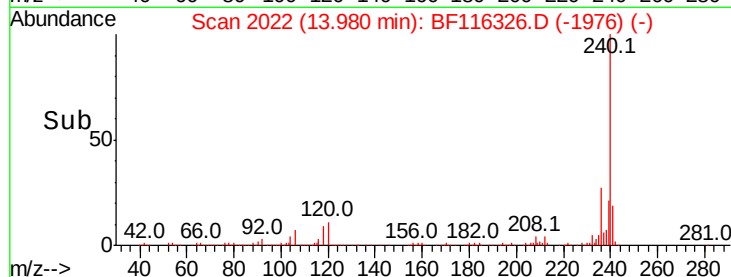
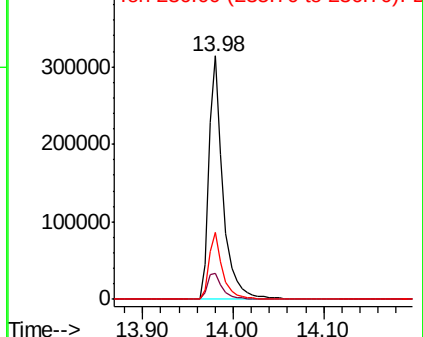
236 27.3 22.2 33.2



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: 43.283 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116326.D

Acq: 16 Aug 2019 19:12

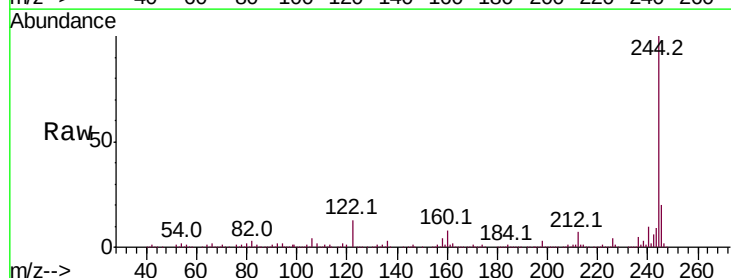
Tgt Ion:244 Resp: 704218

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

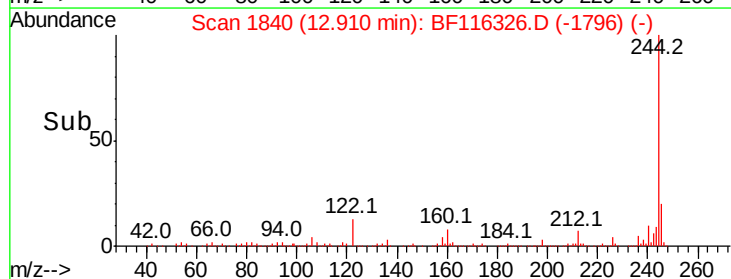
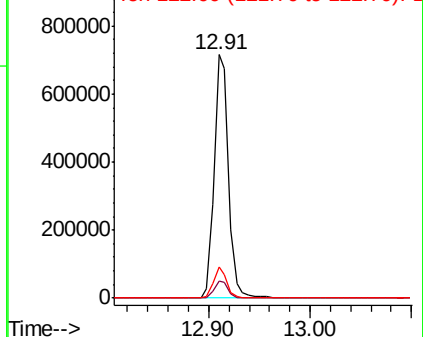
122 12.6 9.0 13.4

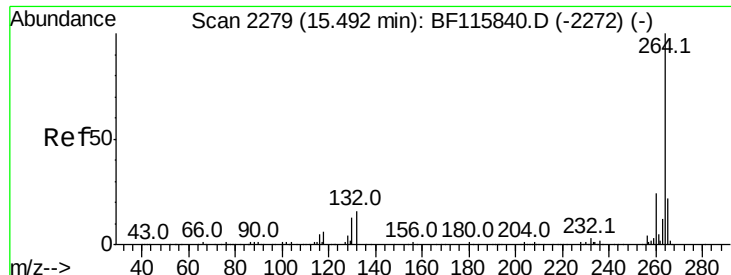


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



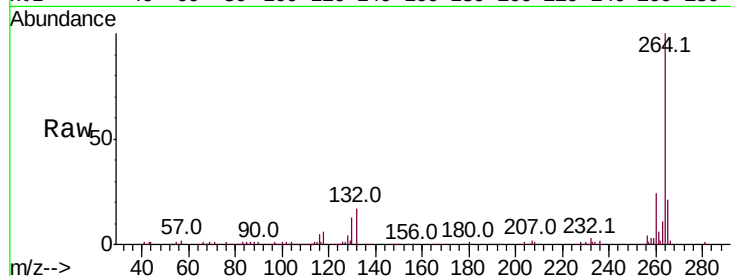


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116326.D
Acq: 16 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion: 264 Resp: 306319

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.1	17.4	26.0



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

