

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116288.D
 Acq On : 15 Aug 2019 19:49
 Operator : HP/JU
 Sample : K4356-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Aug 16 04:36:28 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

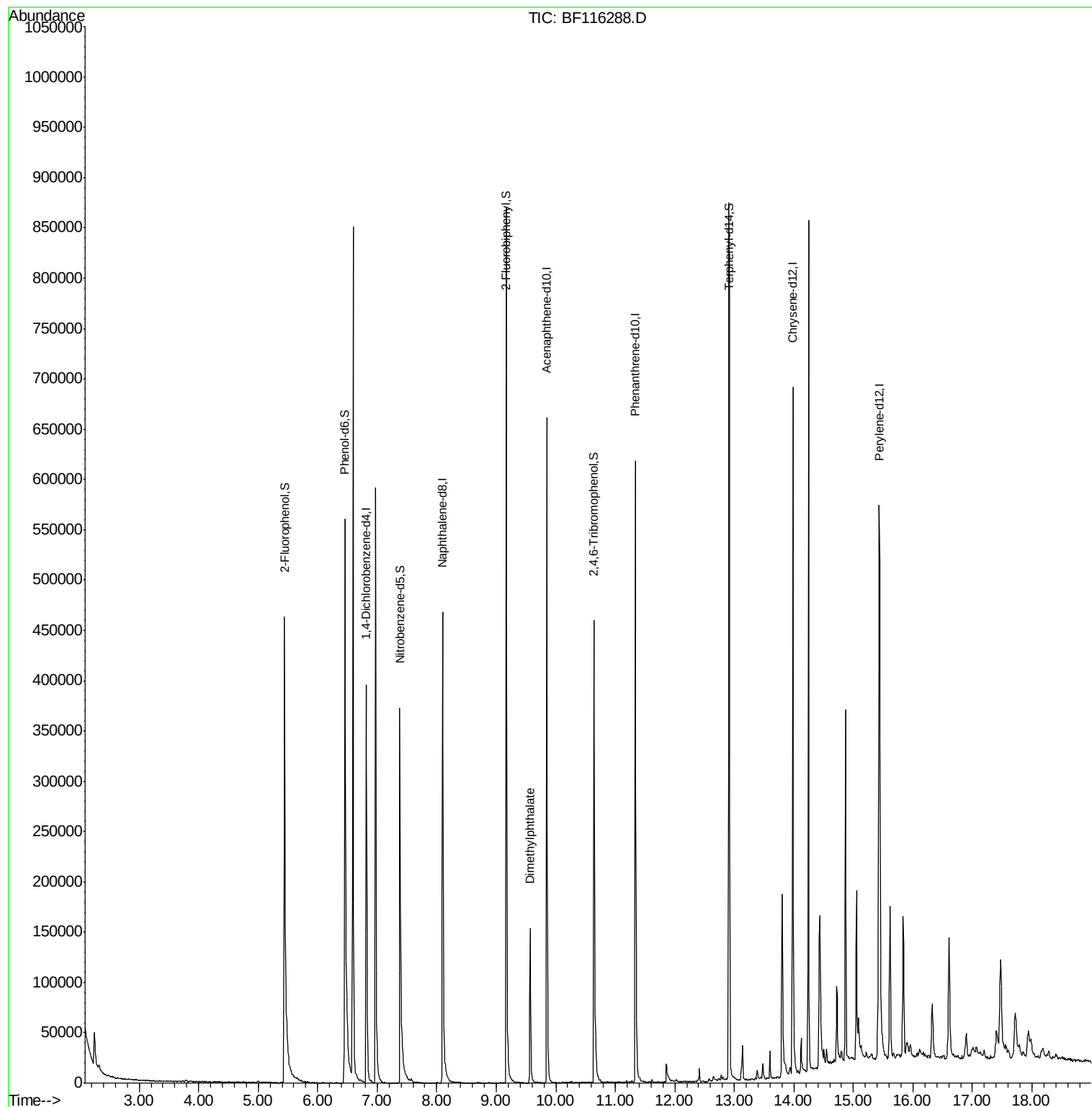
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69630	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	281273	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	146833	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	279031	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	269847	20.00	ng	-0.03
87) Perylene-d12	15.43	264	298419	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	238981	57.46	ng	-0.03
7) Phenol-d6	6.46	99	327454	62.40	ng	-0.03
23) Nitrobenzene-d5	7.38	82	195496	40.12	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	72549	50.96	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	293055	37.38	ng	-0.04
79) Terphenyl-d14	12.91	244	317999	24.83	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.57	163	75675	7.569	ng	Qvalue 100

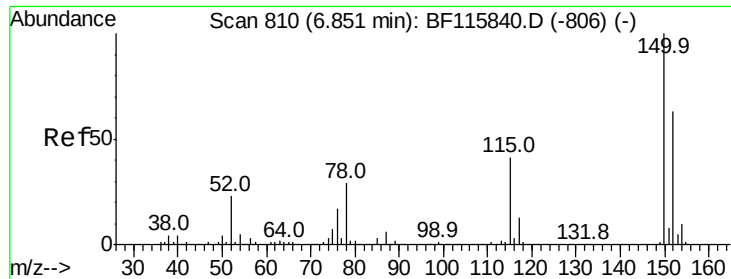
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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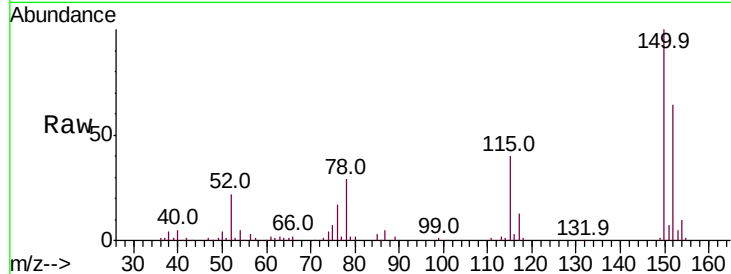


#1

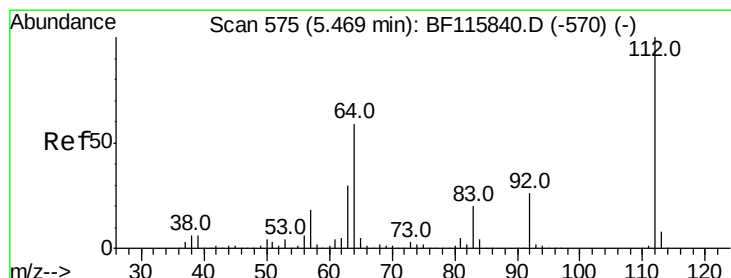
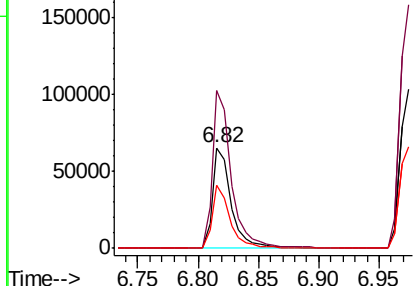
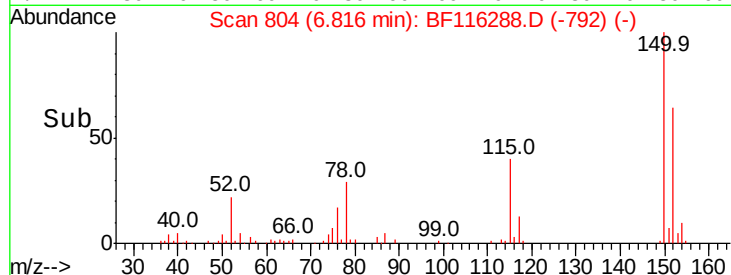
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116288.D
Acq: 15 Aug 2019 19:49

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:152 Resp: 69630
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 62.3 49.9 74.9



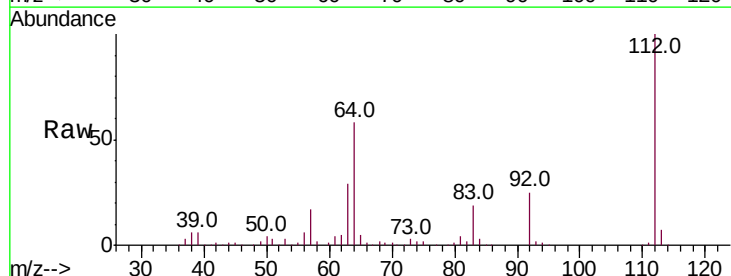
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



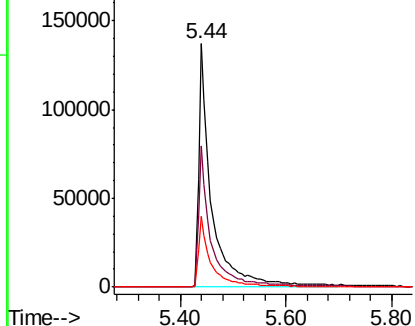
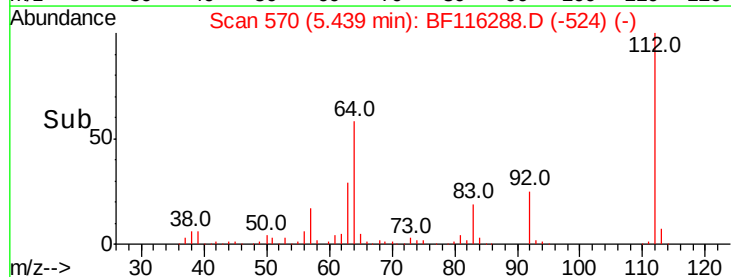
#5

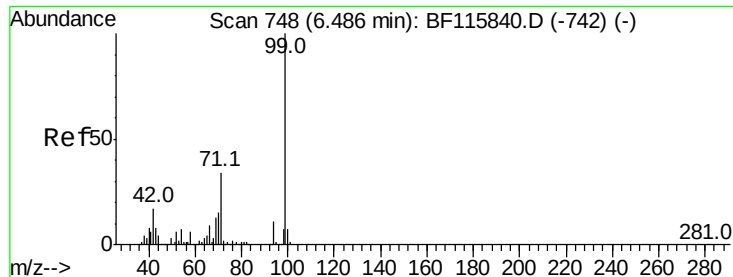
2-Fluorophenol
Concen: 57.456 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116288.D
Acq: 15 Aug 2019 19:49

Tgt Ion:112 Resp: 238981
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 29.1 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: 62.399 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

Instrument :

BNA_F

ClientSampleId :

TP-1

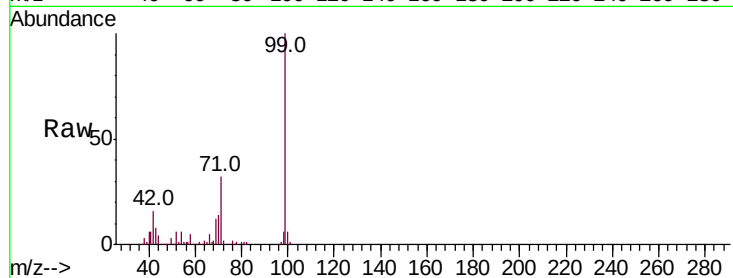
Tot Ion: 99 Resp: 327454

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.8

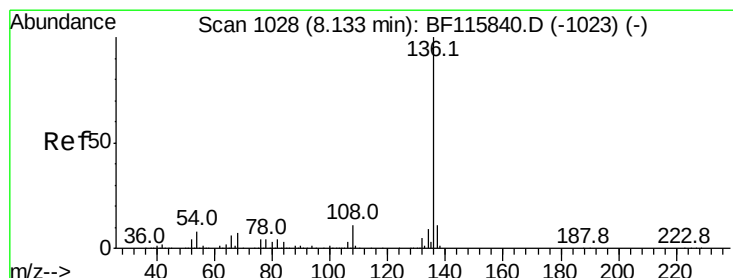
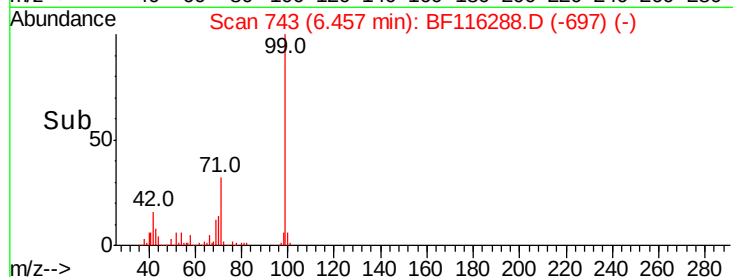
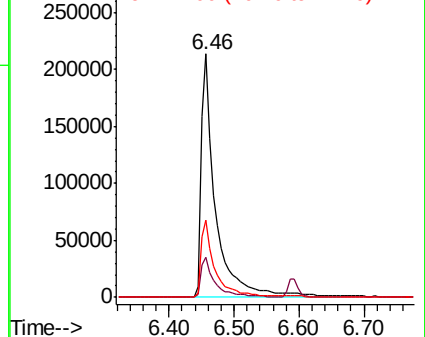
71 31.5 27.3 40.9



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: BF116288.D

Acq: 15 Aug 2019 19:49

Tgt Ion: 136 Resp: 281273

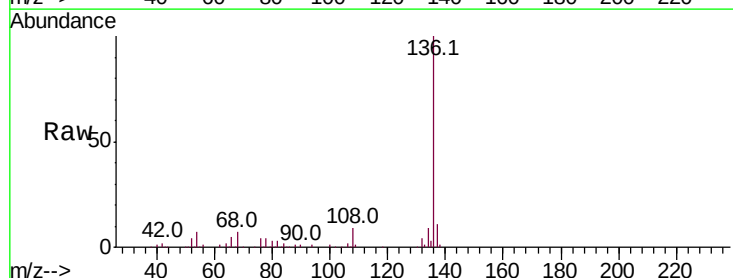
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.8 5.8 8.6

68 6.5 5.2 7.8

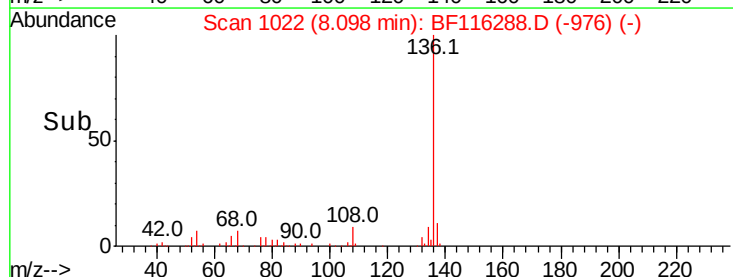
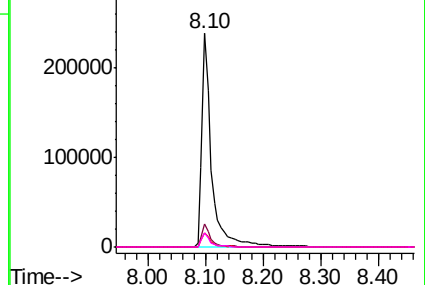


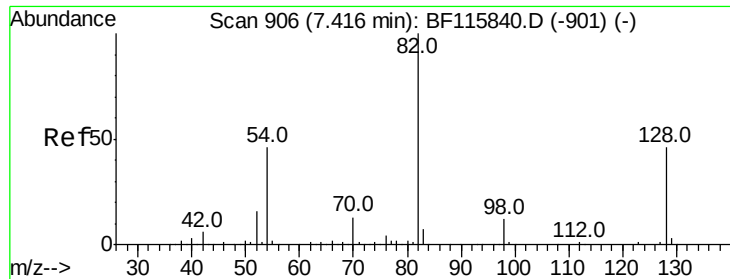
Abundance Ion 136.00 (135.70 to 136.70): E

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

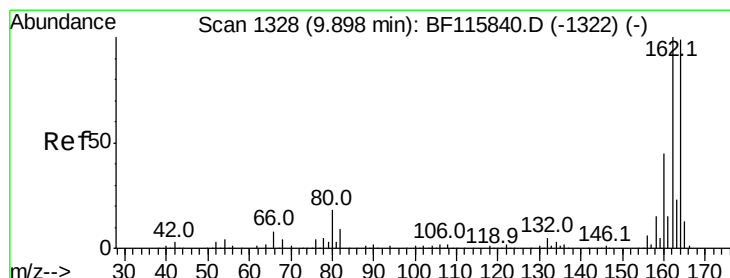
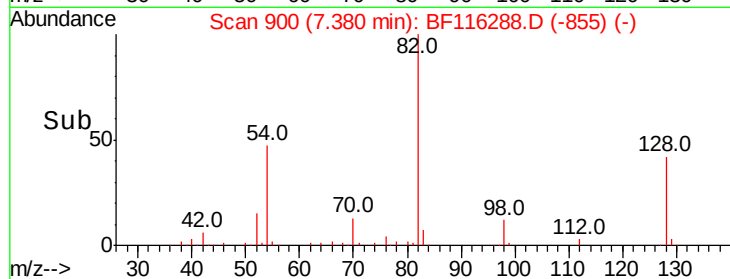
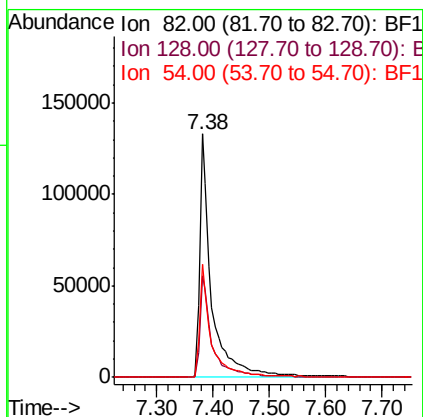
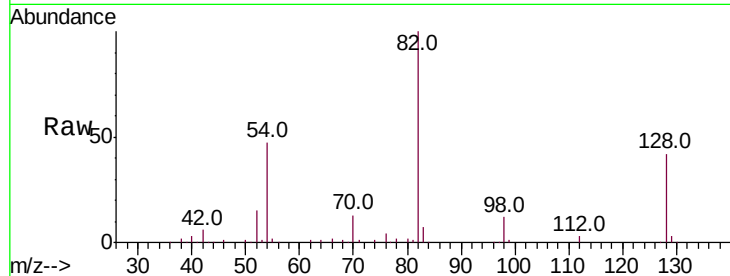




#23
 Nitrobenzene-d5
 Concen: 40.120 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

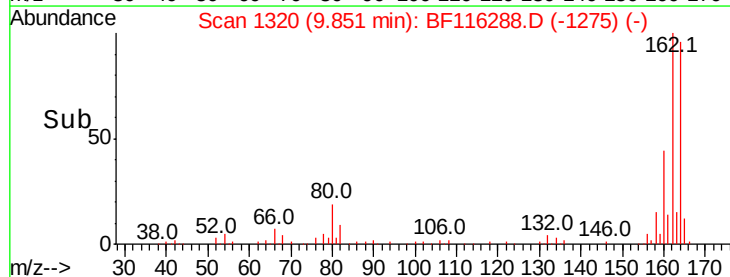
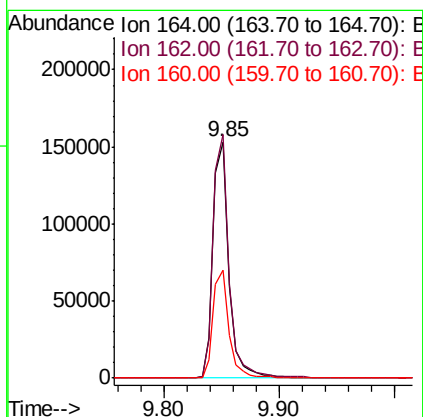
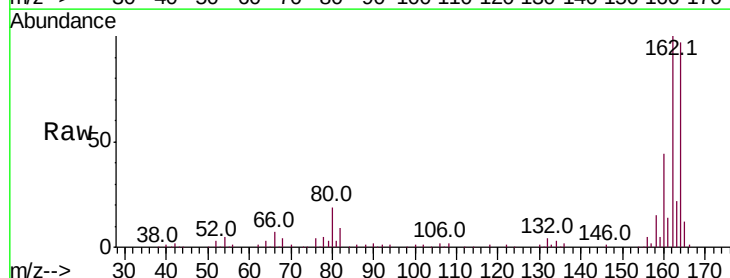
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

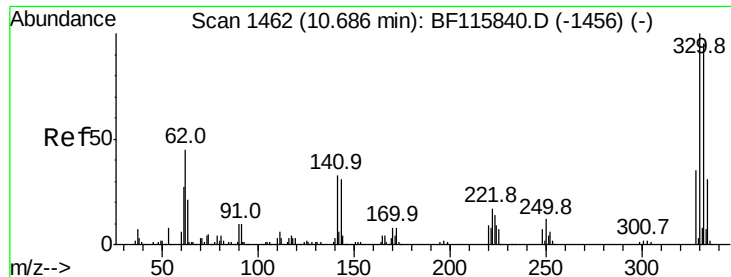
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.5	54.7
54	46.7	36.0	54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	124.0
160	45.7	37.6	56.4

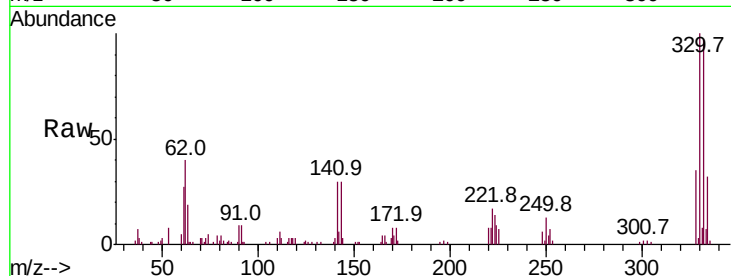




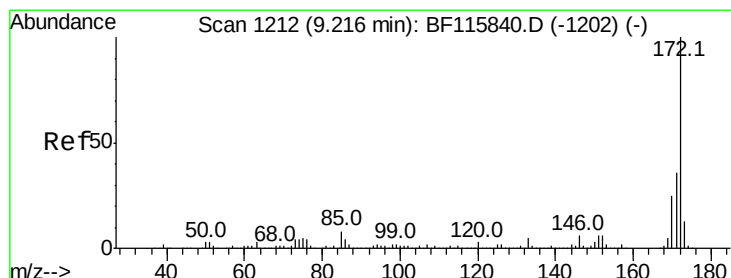
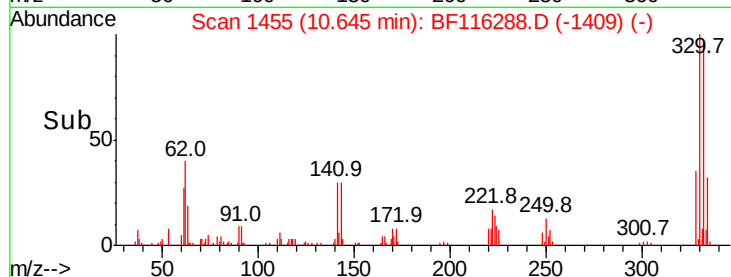
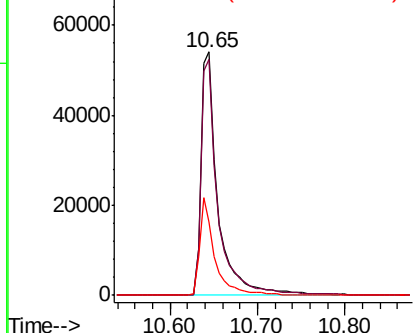
#42
 2,4,6-Tribromophenol
 Concen: 50.962 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	35.5	26.3	39.5

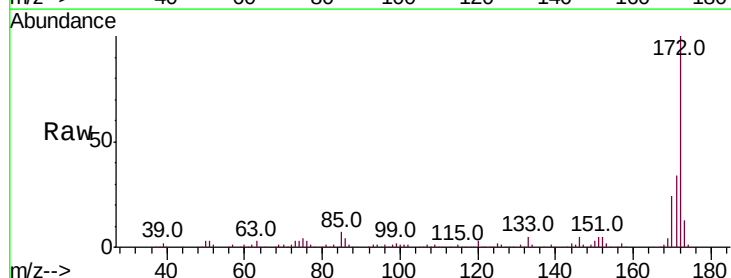


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

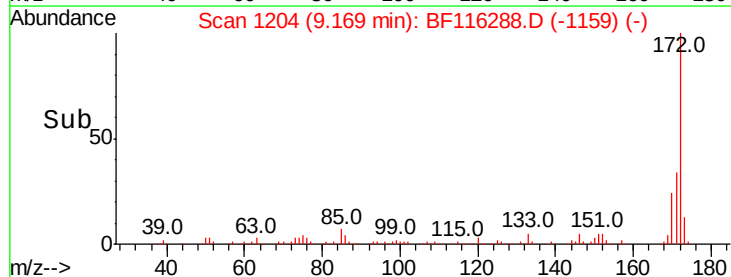
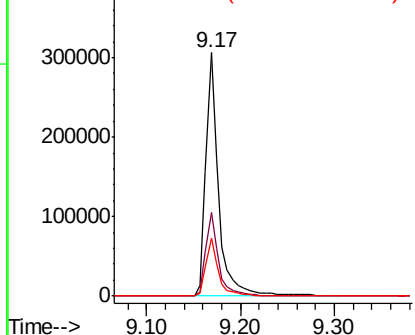


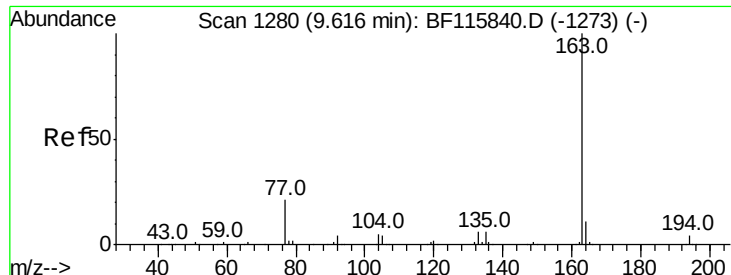
#45
 2-Fluorobiphenyl
 Concen: 37.384 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	23.9	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

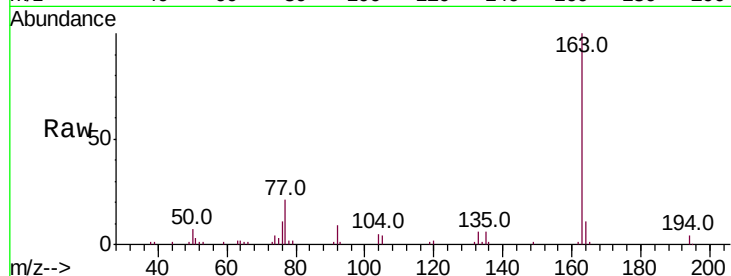




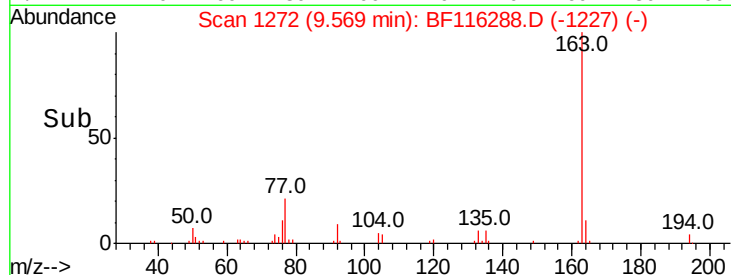
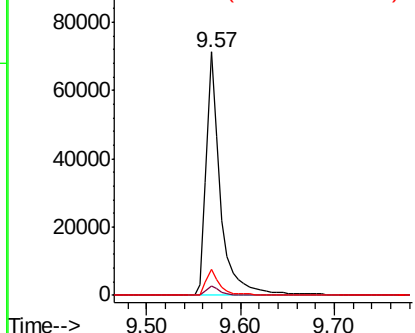
#50
Dimethylphthalate
Concen: 7.569 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116288.D
Acq: 15 Aug 2019 19:49

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:163 Resp: 75675
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.5 8.4 12.6

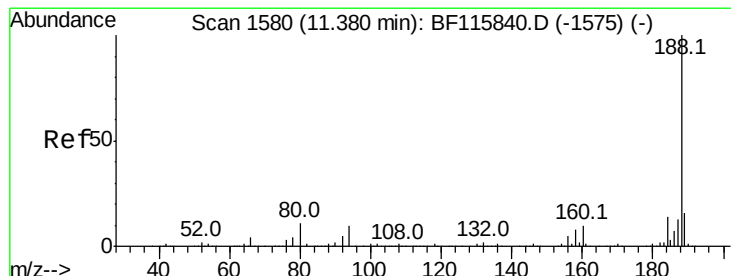


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

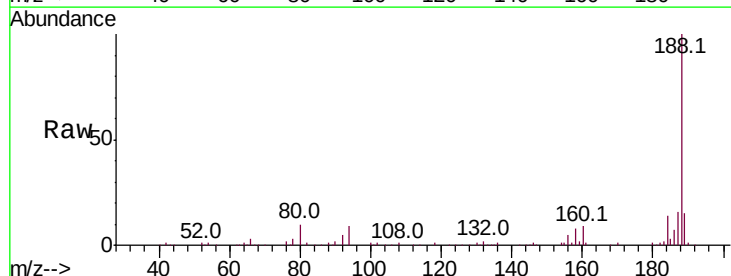
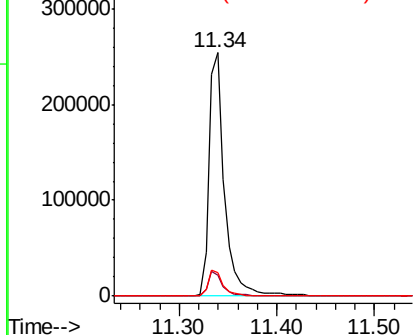


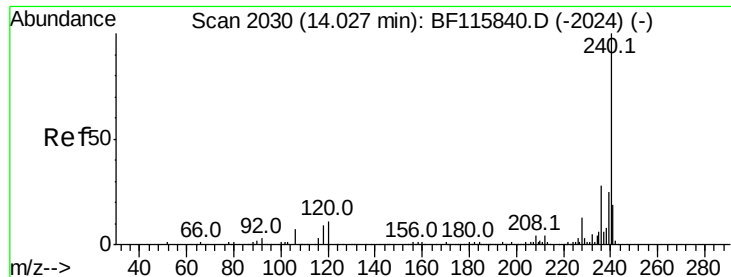
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116288.D
Acq: 15 Aug 2019 19:49

Tgt Ion:188 Resp: 279031
Ion Ratio Lower Upper
188 100
94 8.6 8.1 12.1
80 9.5 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: BF116288.D

Acq: 15 Aug 2019 19:49

Instrument :

BNA_F

ClientSampleId :

TP-1

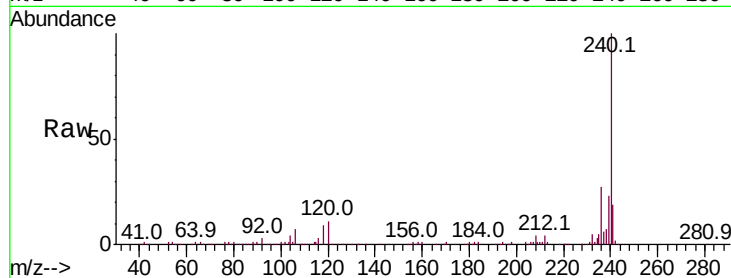
Tot Ion:240 Resp: 269847

Ion Ratio Lower Upper

240 100

120 10.5 10.7 16.1#

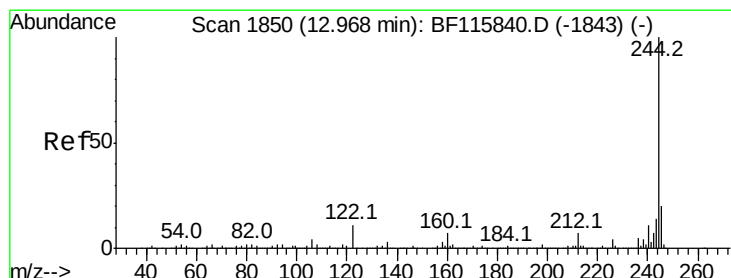
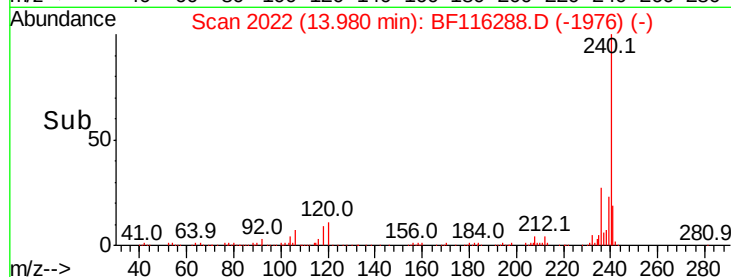
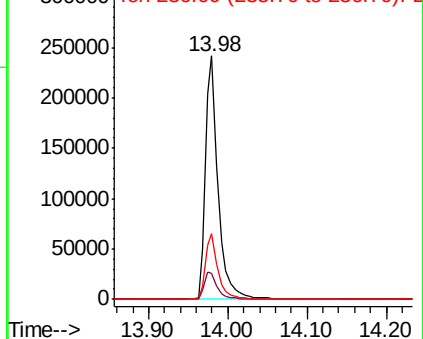
236 27.2 22.2 33.2



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: 24.832 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116288.D

Acq: 15 Aug 2019 19:49

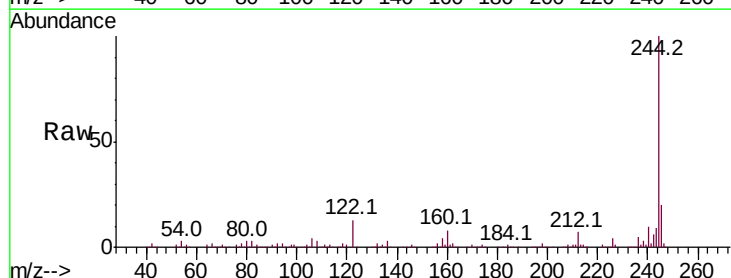
Tgt Ion:244 Resp: 317999

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

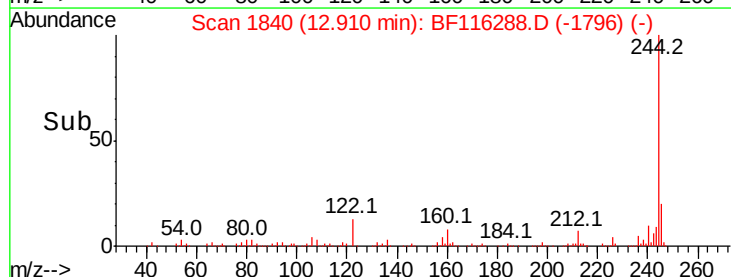
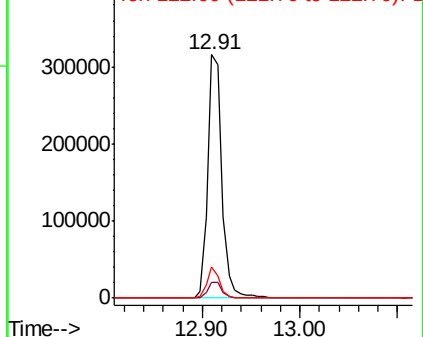
122 12.6 9.0 13.4

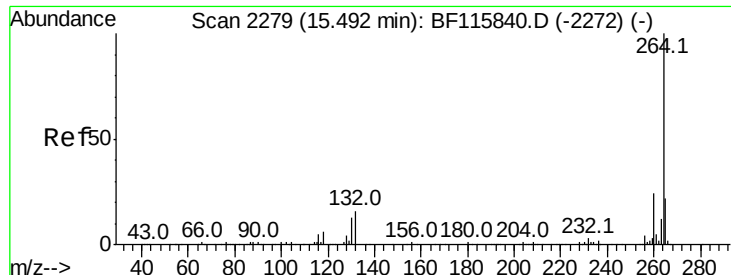


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

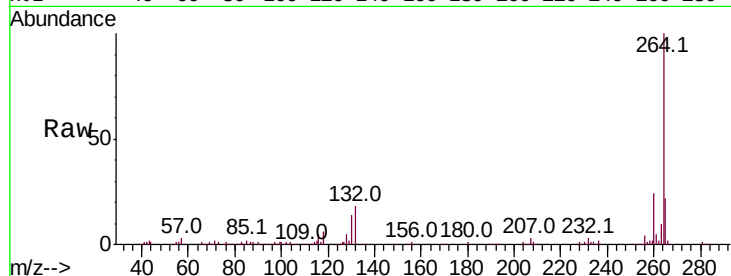




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116288.D
 Acq: 15 Aug 2019 19:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion: 264 Resp: 298419
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.7 29.5
 265 22.0 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

