

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116486.D
 Acq On : 23 Aug 2019 19:23
 Operator : HP/JU
 Sample : PB122424BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BL

Quant Time: Aug 24 03:53:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	121799	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	461366	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	236881	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	389237	20.00	ng	0.00
76) Chrysene-d12	14.03	240	242492	20.00	ng	0.00
87) Perylene-d12	15.49	264	236055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	772371	92.66	ng	0.00
7) Phenol-d6	6.50	99	1012826	99.09	ng	0.00
23) Nitrobenzene-d5	7.44	82	632898	75.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	217205	106.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1145939	77.91	ng	0.00
79) Terphenyl-d14	12.98	244	1091557	84.08	ng	0.00

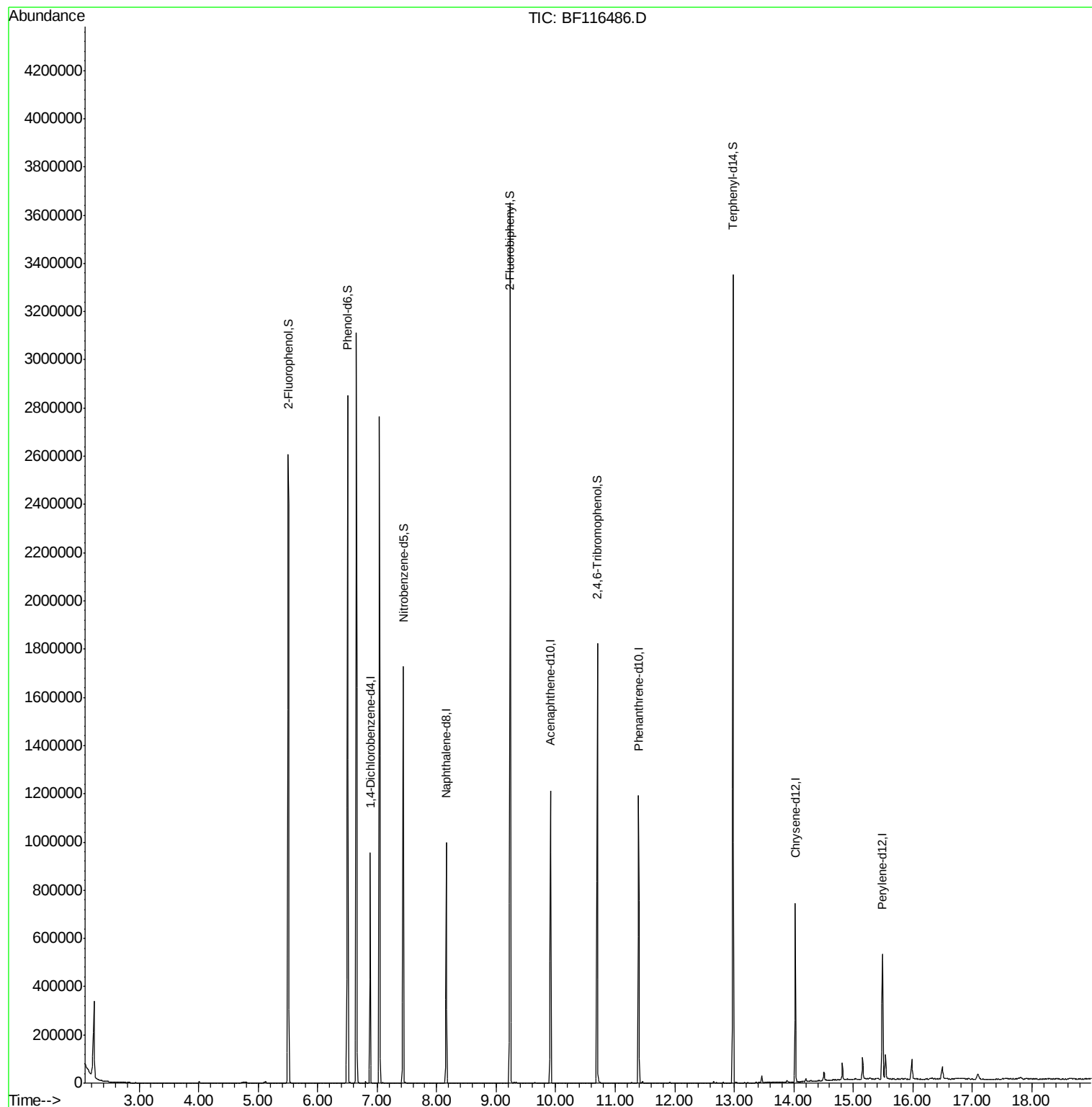
Target Compounds Qvalue

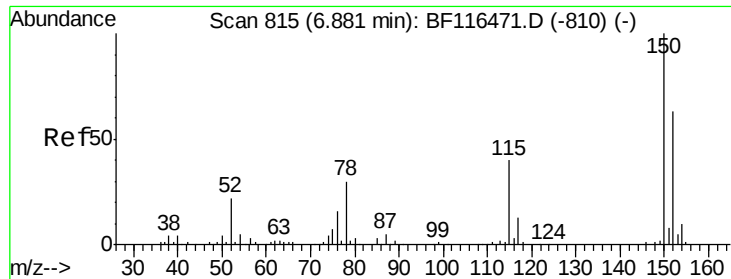
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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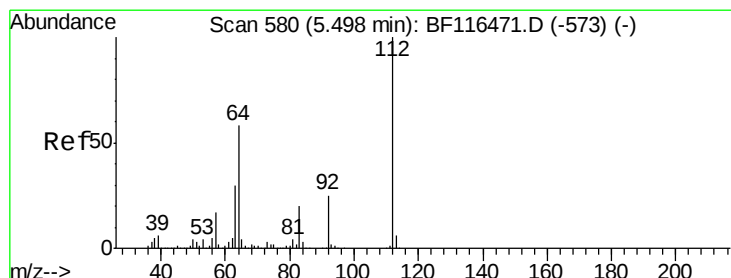
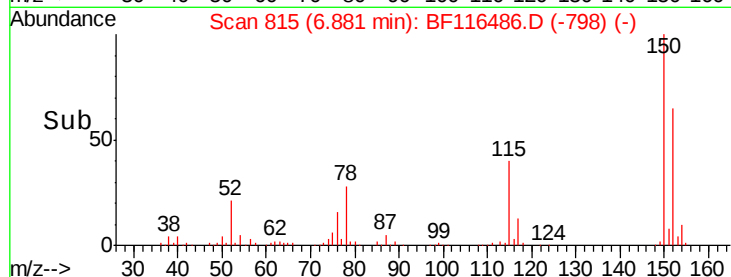
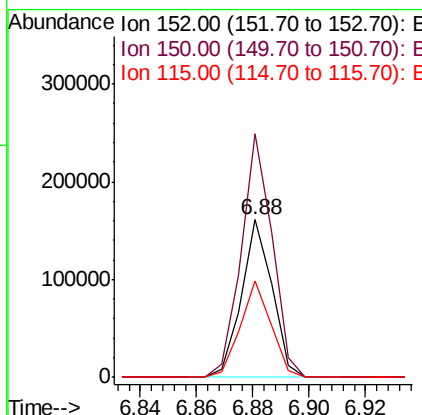
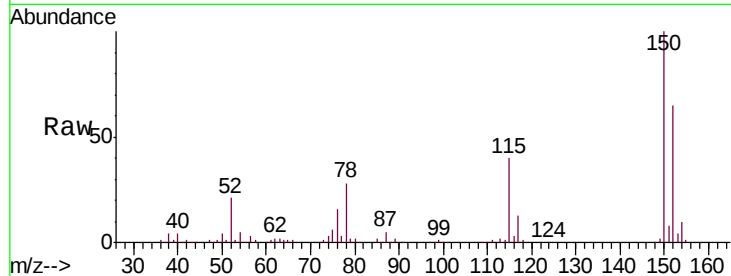


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BL

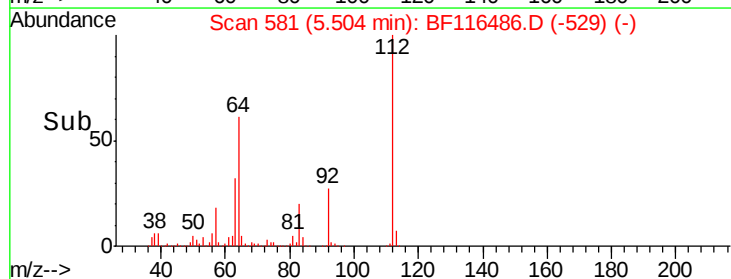
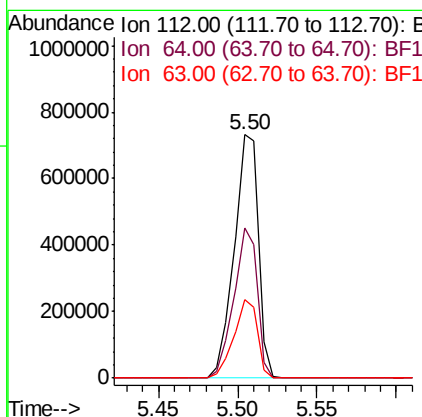
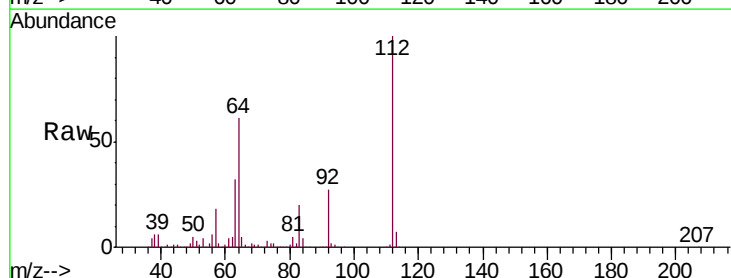
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.7	190.1
115	61.6	50.9	76.3

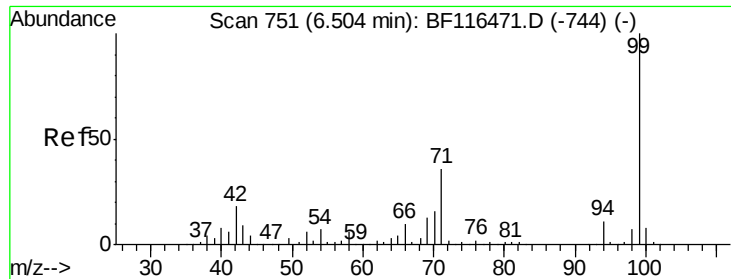


#5

2-Fluorophenol
 Concen: 92.656 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.3	69.5
63	32.2	24.2	36.4





#7

Phenol-d6

Concen: 99.093 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB122424BL

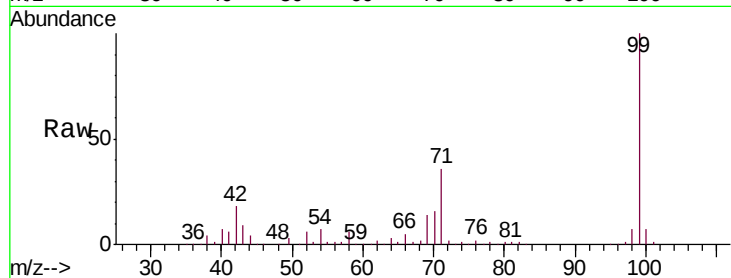
Tot Ion: 99 Resp: 1012826

Ion Ratio Lower Upper

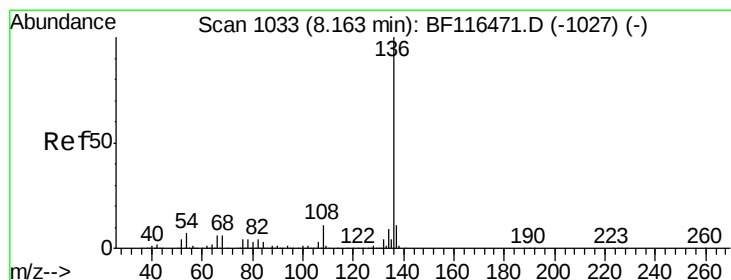
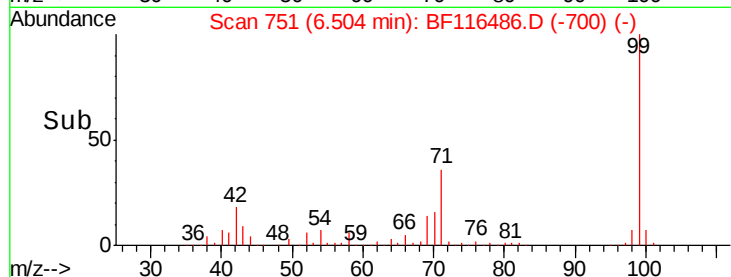
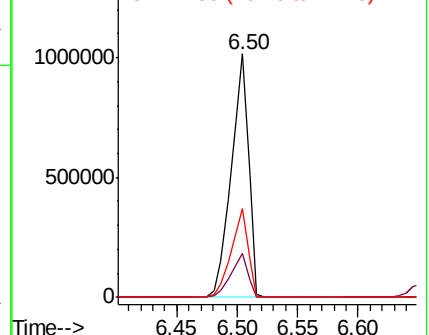
99 100

42 18.0 14.6 21.8

71 36.3 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

Tgt Ion: 136 Resp: 461366

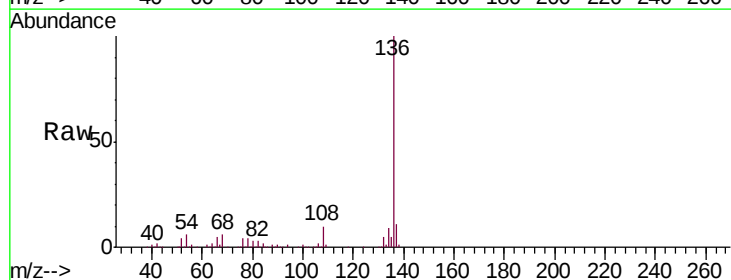
Ion Ratio Lower Upper

136 100

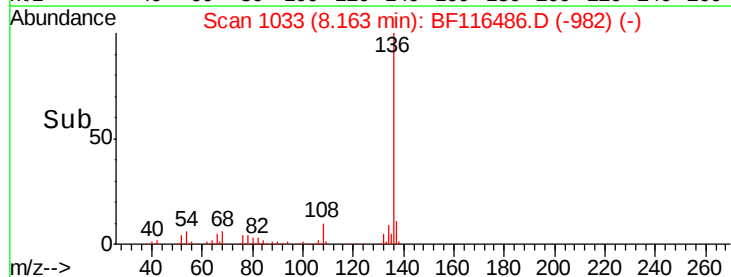
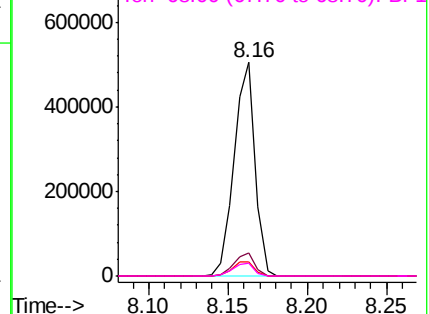
137 10.8 9.0 13.4

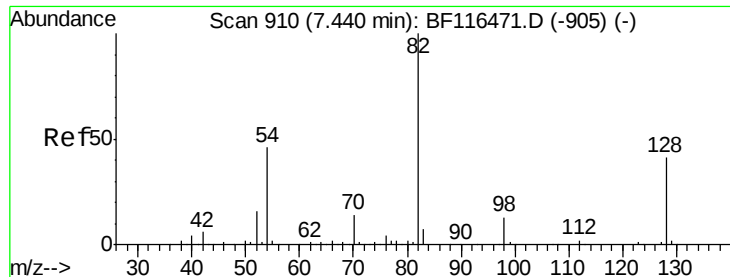
54 6.3 5.8 8.6

68 6.0 5.1 7.7



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

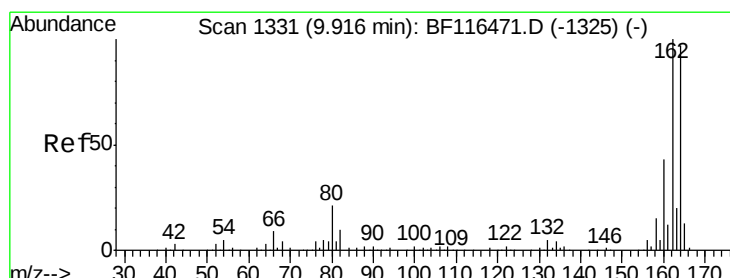
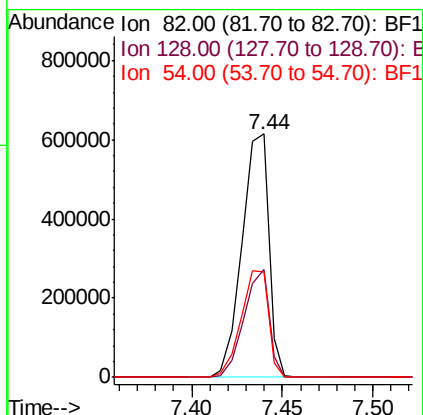
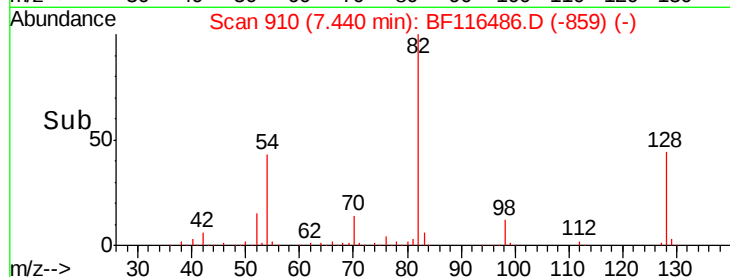
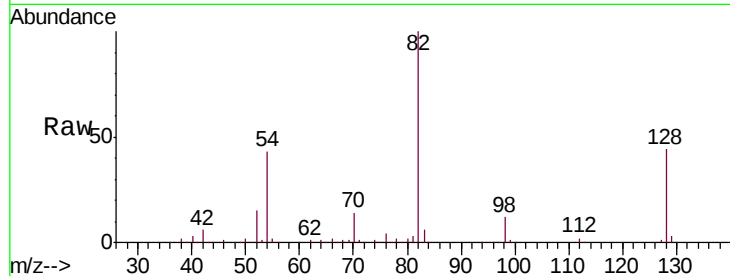




#23
 Nitrobenzene-d5
 Concen: 75.051 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

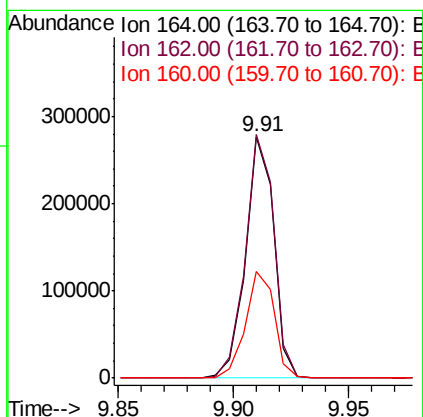
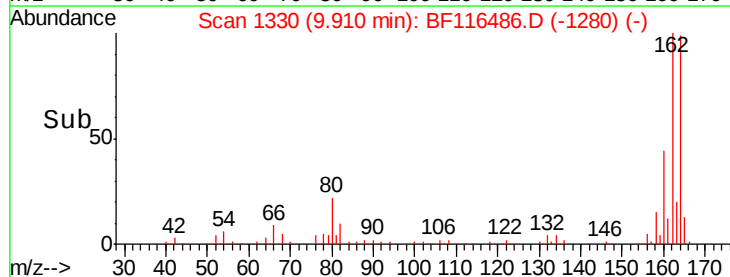
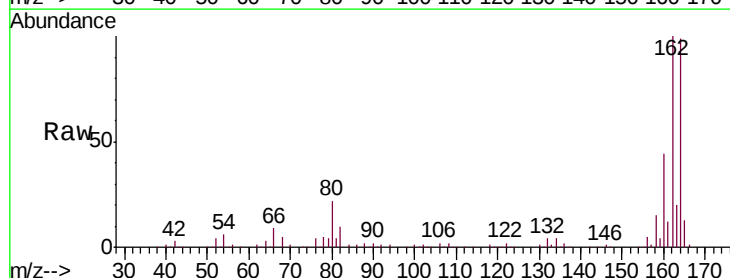
Instrument :
 BNA_F
 ClientSampleId :
 PB122424BL

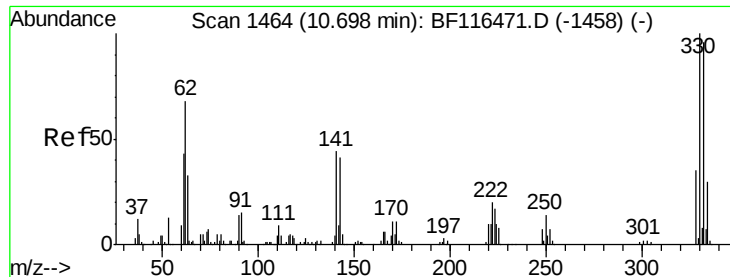
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.2	48.4
54	43.2	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.6	123.8
160	44.3	35.8	53.8

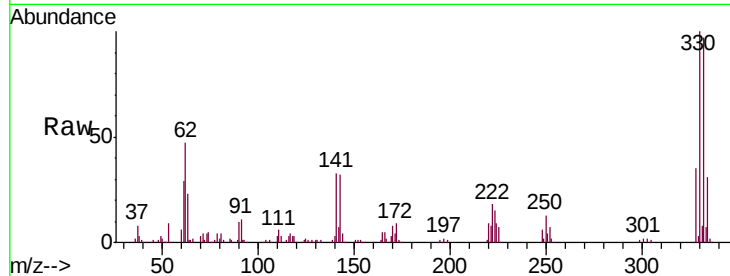




#42
 2,4,6-Tribromophenol
 Concen: 106.786 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB122424BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	38.4	33.3	49.9

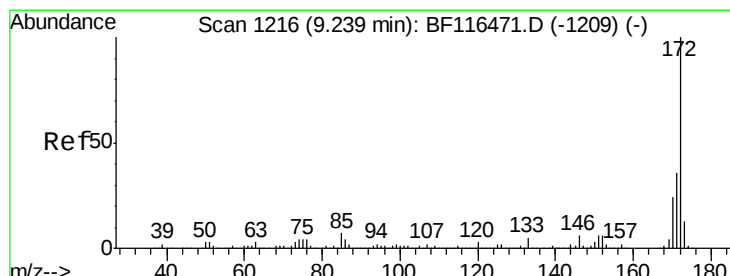
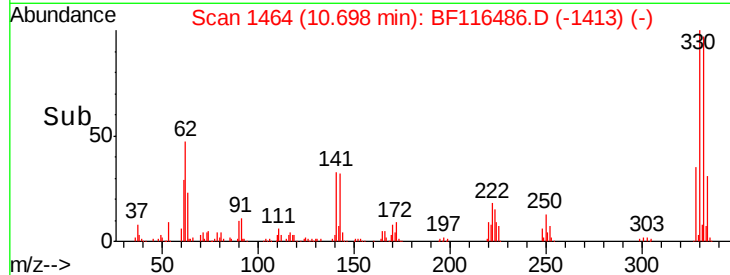
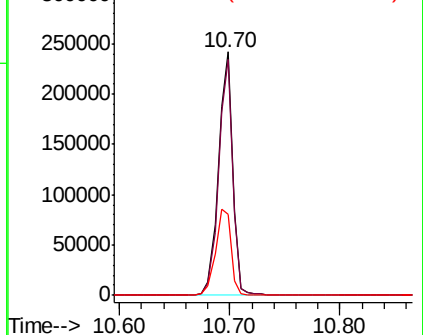


Abundance

Ion 329.80 (329.50 to 330.50): E

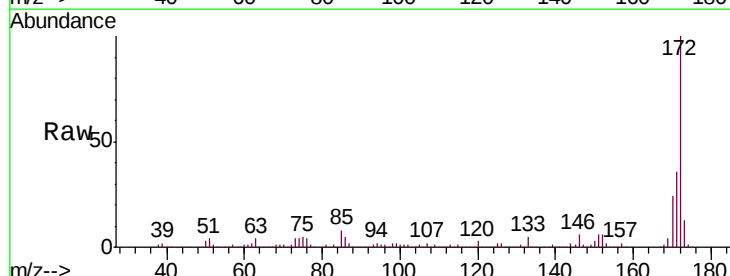
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.905 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116486.D
 Acq: 23 Aug 2019 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.0	19.4	29.0

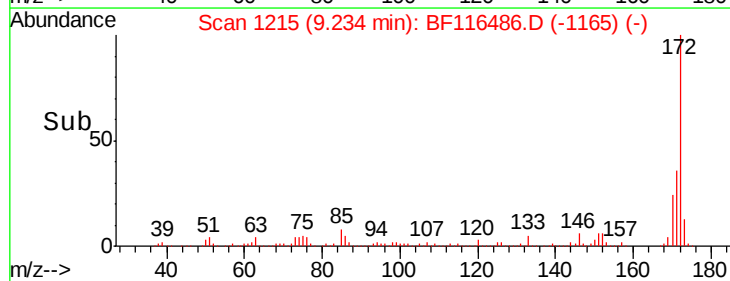
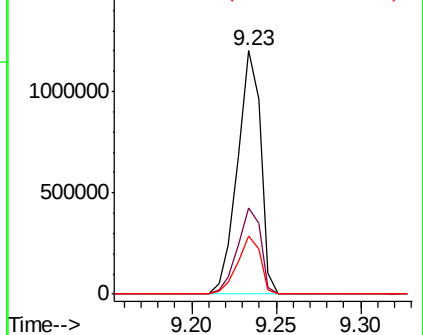


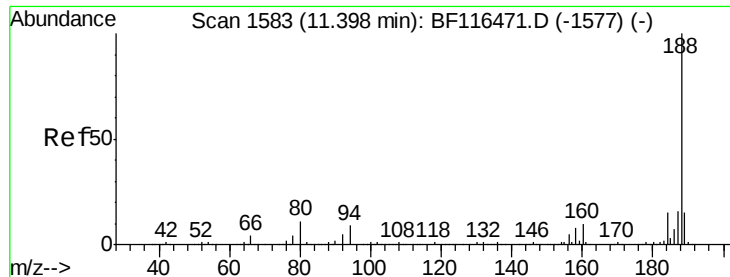
Abundance

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

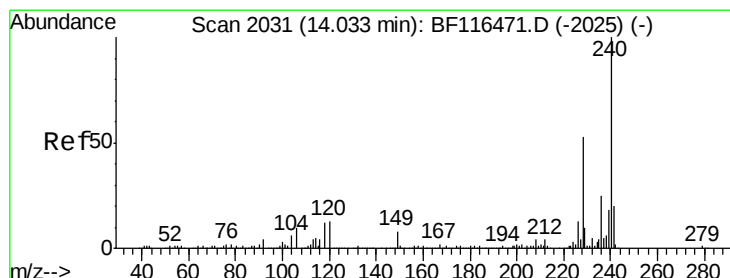
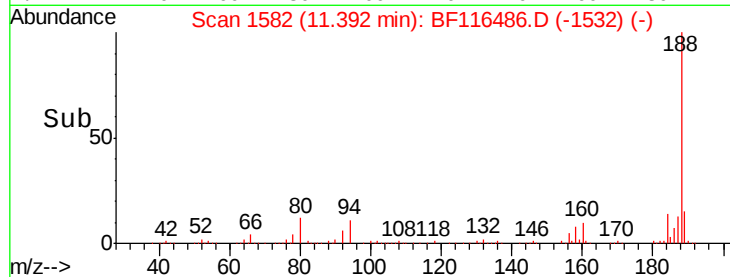
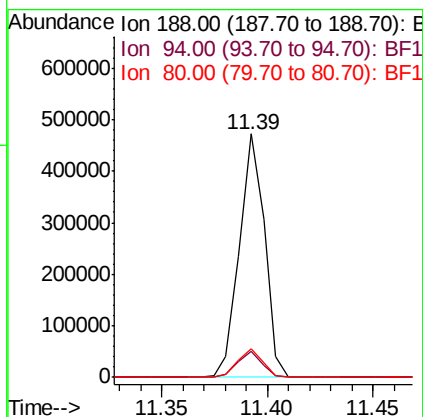
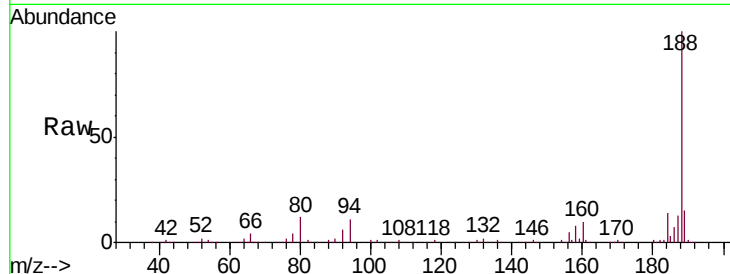




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

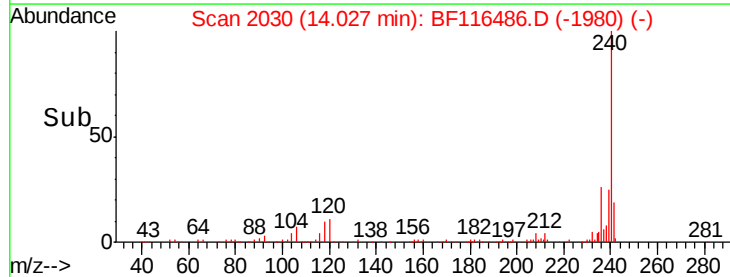
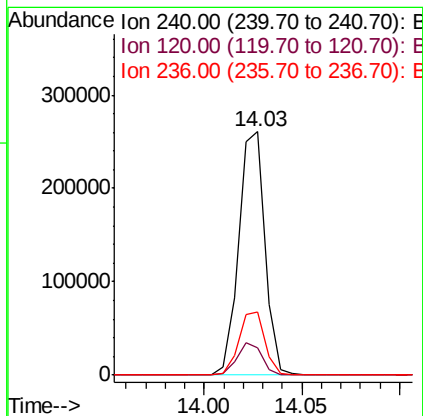
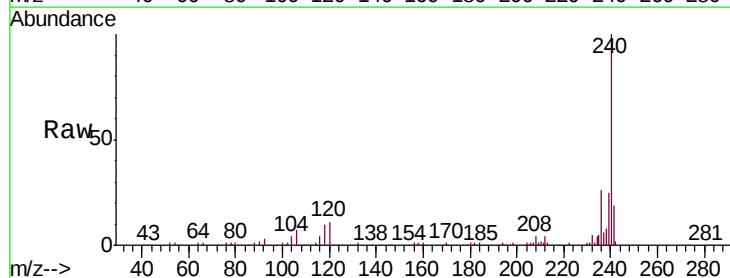
Instrument :
BNA_F
ClientSampleId :
PB122424BL

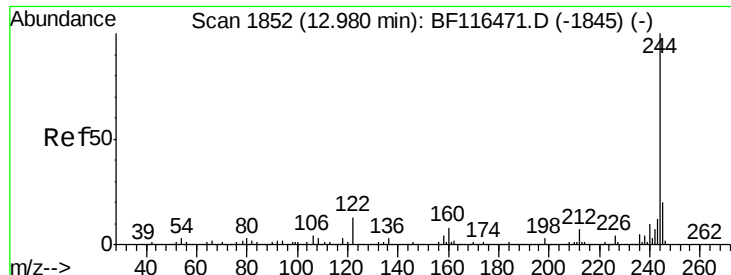
Tot Ion:188 Resp: 389237
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116486.D
Acq: 23 Aug 2019 19:23

Tgt Ion:240 Resp: 242492
Ion Ratio Lower Upper
240 100
120 11.1 10.5 15.7
236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 84.082 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

Instrument :

BNA_F

ClientSampleId :

PB122424BL

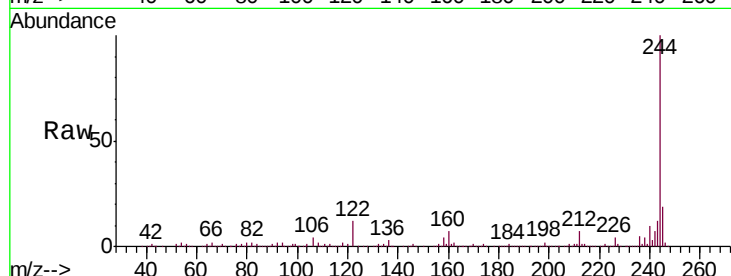
Tot Ion:244 Resp: 1091557

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

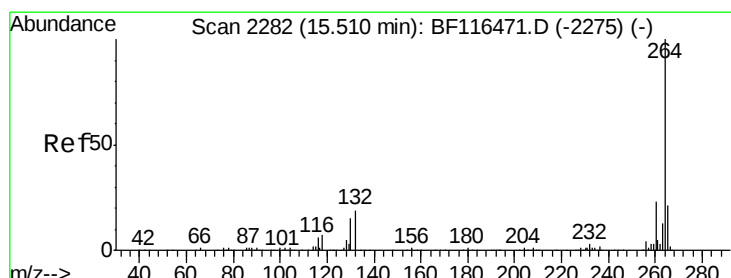
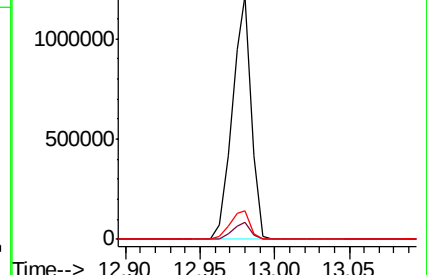
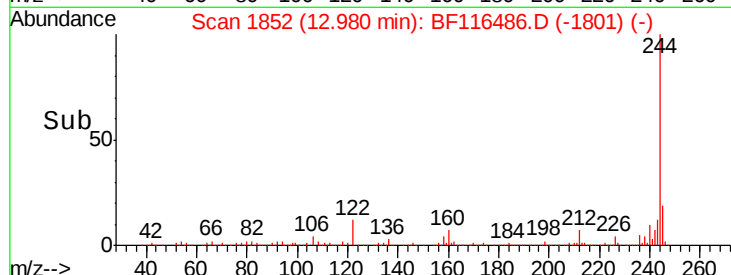
122 12.0 10.2 15.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF116486.D

Acq: 23 Aug 2019 19:23

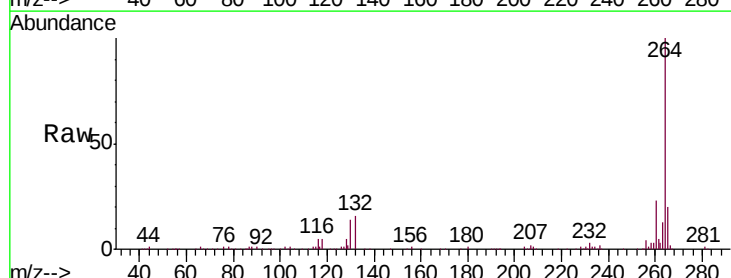
Tgt Ion:264 Resp: 236055

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 20.5 17.1 25.7



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

