

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116485.D
 Acq On : 23 Aug 2019 18:55
 Operator : HP/JU
 Sample : PB122393BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BL

Quant Time: Aug 24 03:51:14 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	139058	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	551832	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	292509	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	506804	20.00	ng	0.00
76) Chrysene-d12	14.03	240	333501	20.00	ng	0.00
87) Perylene-d12	15.49	264	298307	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1023376	107.53	ng	0.01
7) Phenol-d6	6.51	99	1347320	115.46	ng	0.00
23) Nitrobenzene-d5	7.44	82	861003	85.36	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	321493	128.00	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1549430	85.30	ng	0.00
79) Terphenyl-d14	12.98	244	1656766	92.79	ng	0.00

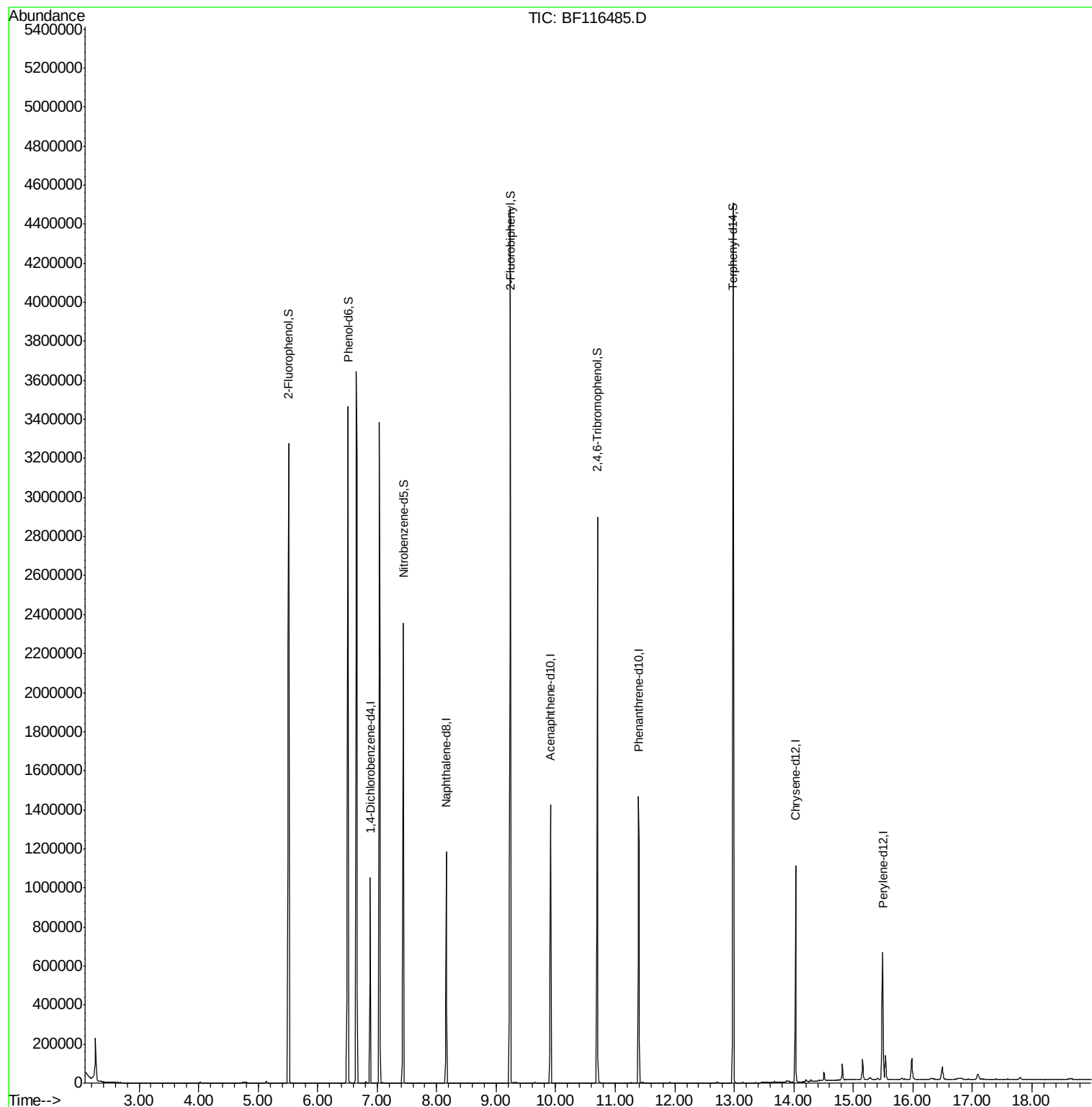
Target Compounds Qvalue

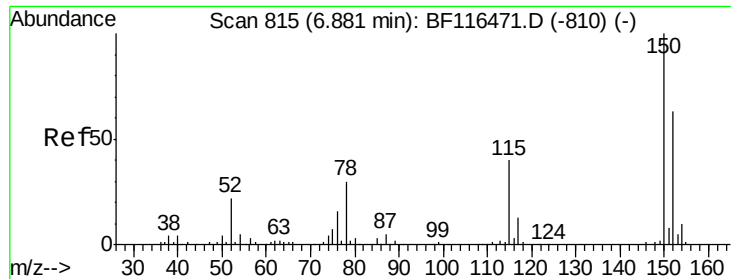
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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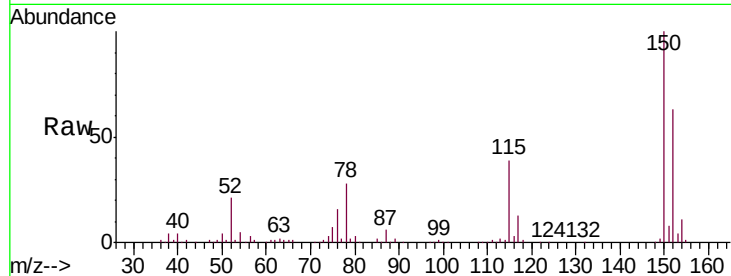


#1

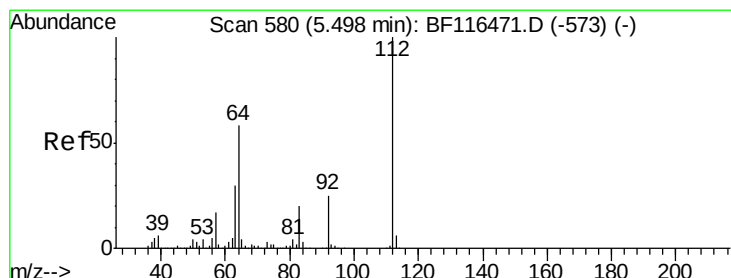
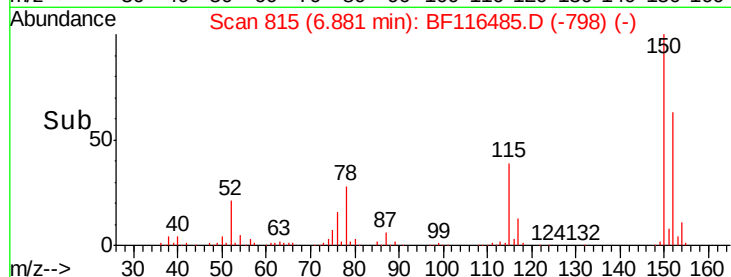
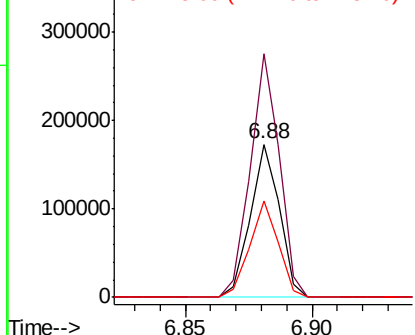
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Instrument :
BNA_F
ClientSampleId :
PB122393BL

Tot Ion:152 Resp: 139058
Ion Ratio Lower Upper
152 100
150 159.0 126.7 190.1
115 62.7 50.9 76.3



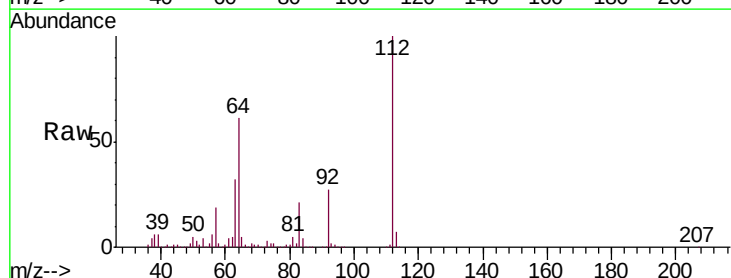
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



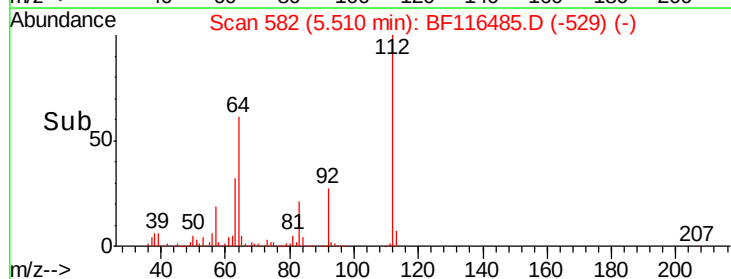
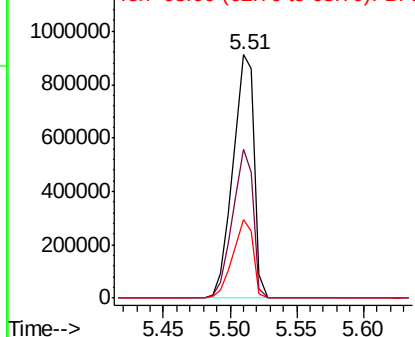
#5

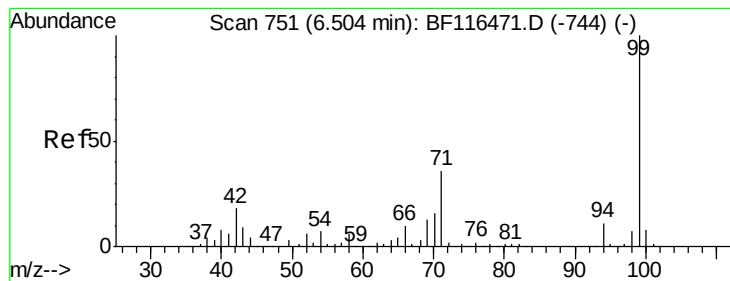
2-Fluorophenol
Concen: 107.531 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Tgt Ion:112 Resp: 1023376
Ion Ratio Lower Upper
112 100
64 61.1 46.3 69.5
63 32.2 24.2 36.4



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: 115.458 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

Instrument :

BNA_F

ClientSampleId :

PB122393BL

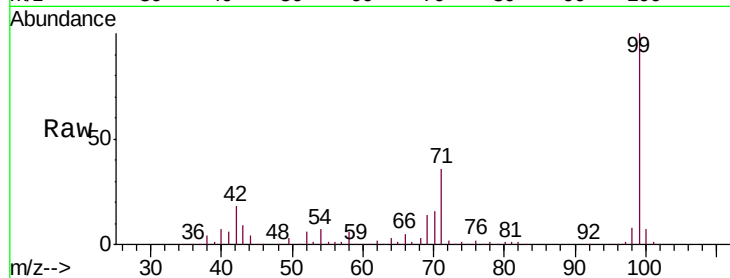
Tot Ion: 99 Resp: 1347320

Ion Ratio Lower Upper

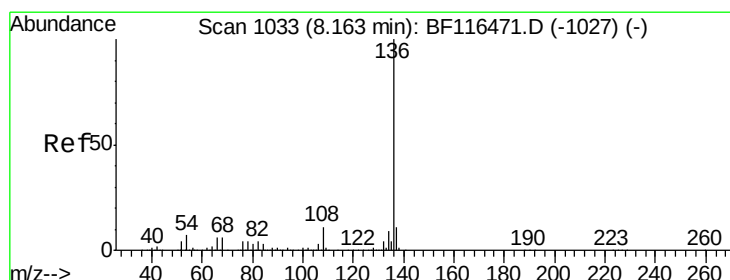
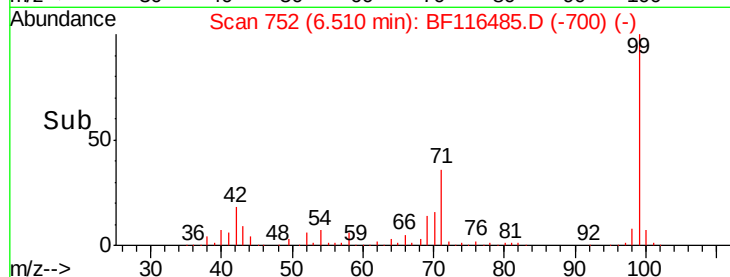
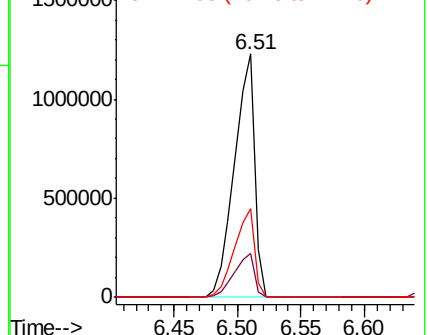
99 100

42 17.9 14.6 21.8

71 36.2 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: BF116485.D

Acq: 23 Aug 2019 18:55

Tgt Ion: 136 Resp: 551832

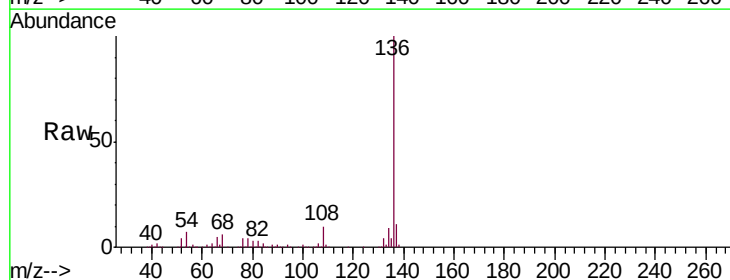
Ion Ratio Lower Upper

136 100

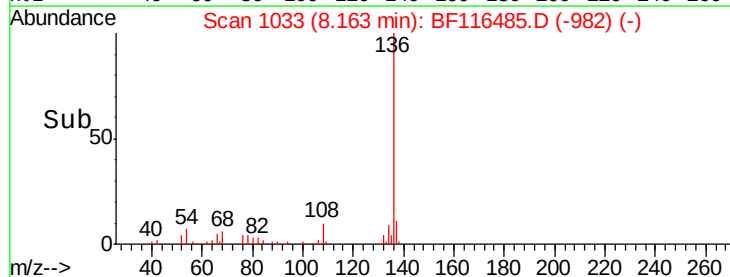
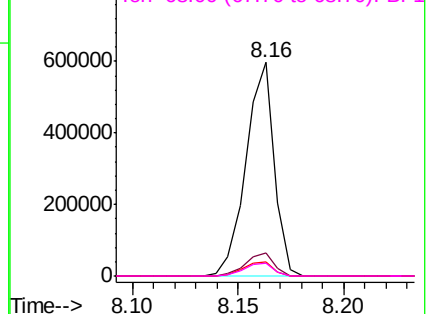
137 10.7 9.0 13.4

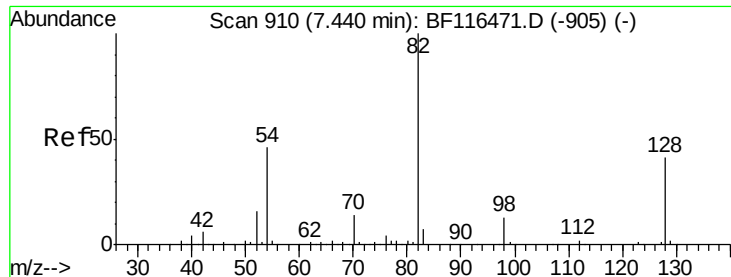
54 6.8 5.8 8.6

68 5.8 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

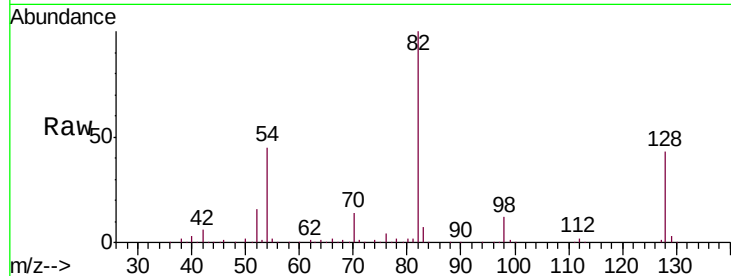




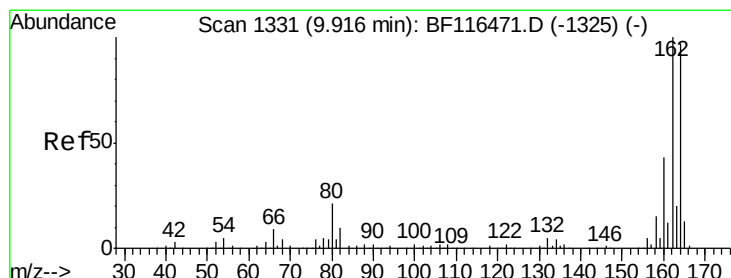
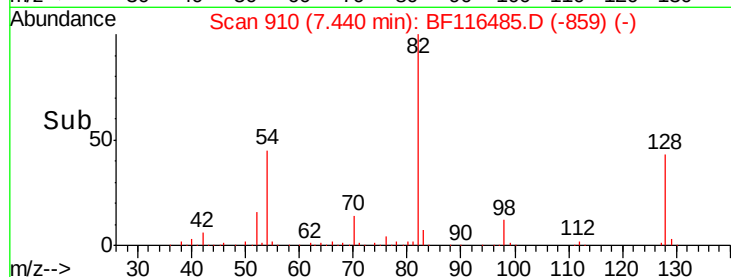
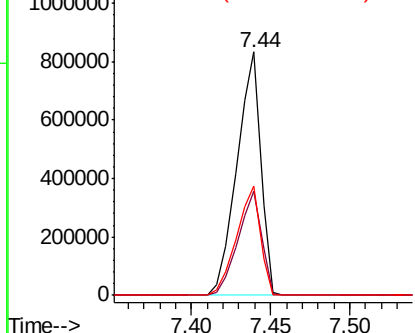
#23
 Nitrobenzene-d5
 Concen: 85.362 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF116485.D
 Acq: 23 Aug 2019 18:55

Instrument :
 BNA_F
 ClientSampleId :
 PB122393BL

Tot Ion	82	Resp	861003
Ion Ratio	100	Lower	Upper
128	42.9	32.2	48.4
54	44.7	36.5	54.7

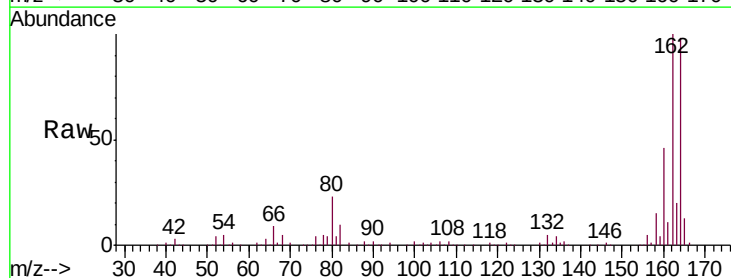


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

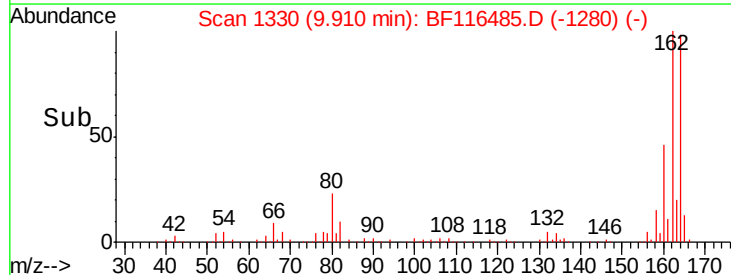
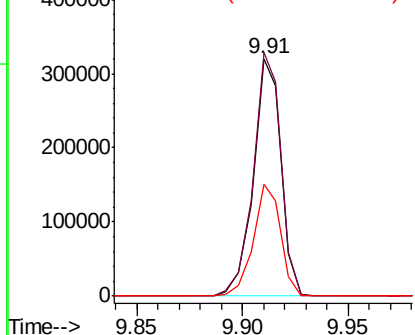


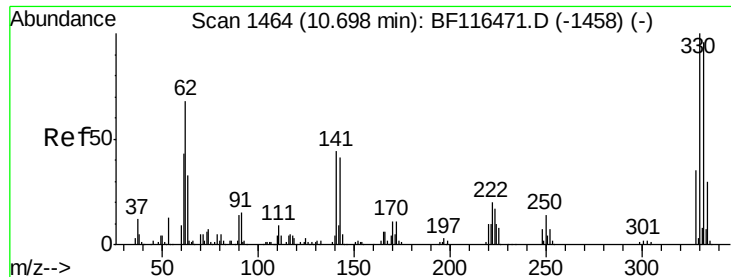
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF116485.D
 Acq: 23 Aug 2019 18:55

Tgt Ion	164	Resp	292509
Ion Ratio	100	Lower	Upper
162	102.5	82.6	123.8
160	46.9	35.8	53.8



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

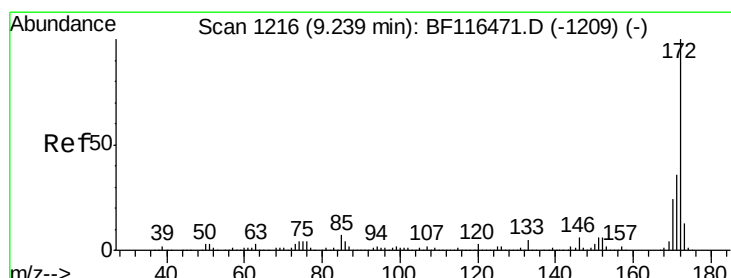
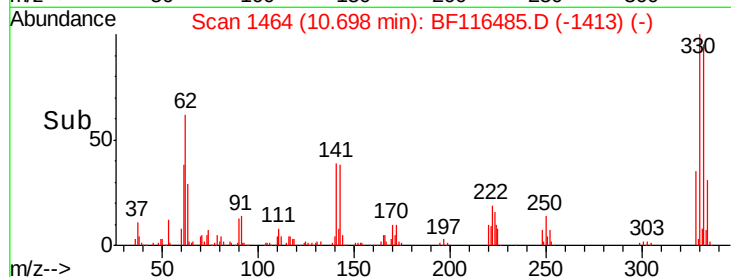
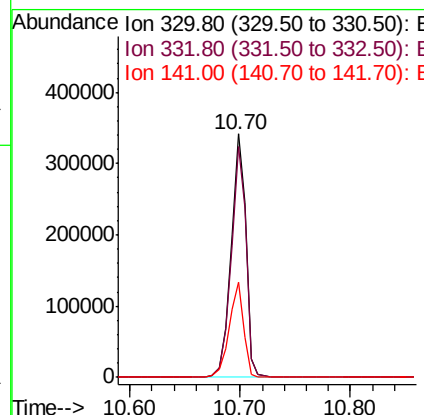
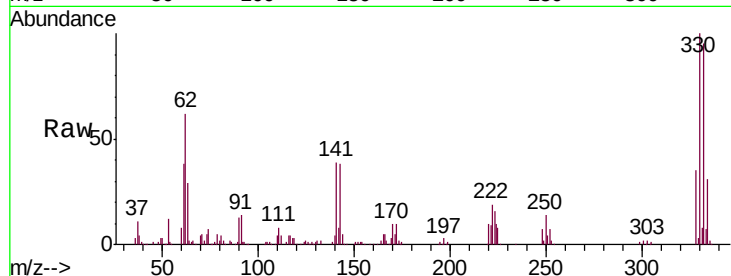




#42
 2,4,6-Tribromophenol
 Concen: 127.999 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116485.D
 Acq: 23 Aug 2019 18:55

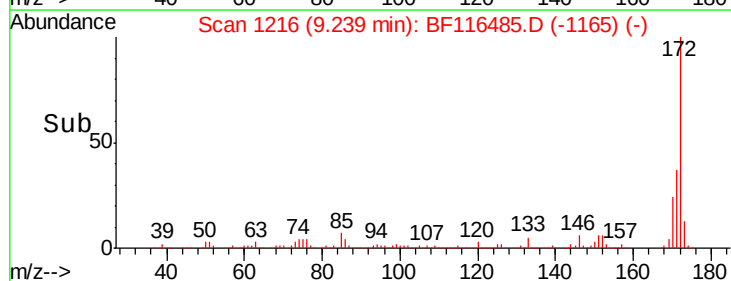
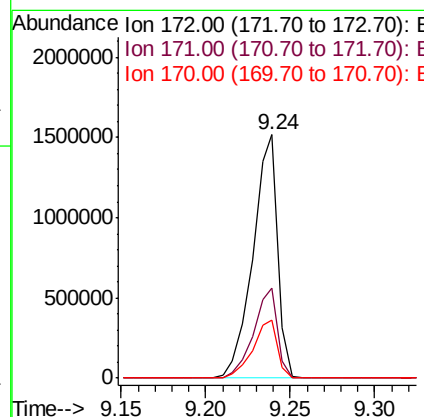
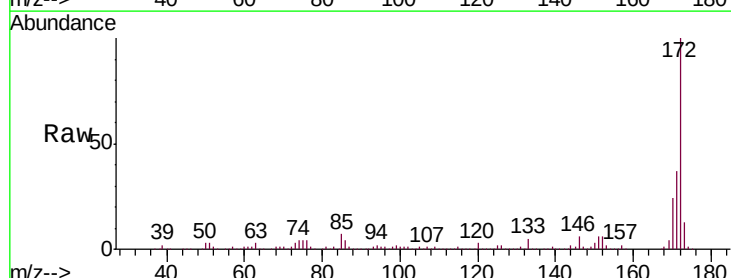
Instrument :
 BNA_F
 ClientSampleId :
 PB122393BL

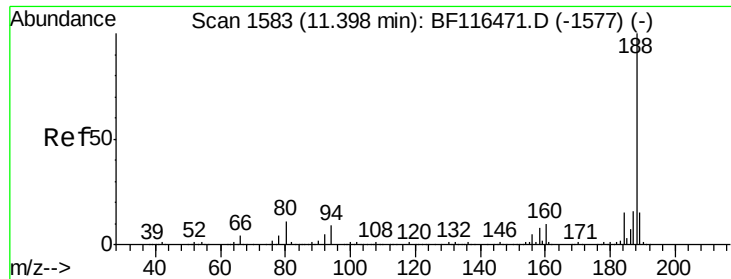
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	37.9	33.3	49.9



#45
 2-Fluorobiphenyl
 Concen: 85.304 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116485.D
 Acq: 23 Aug 2019 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	23.9	19.4	29.0

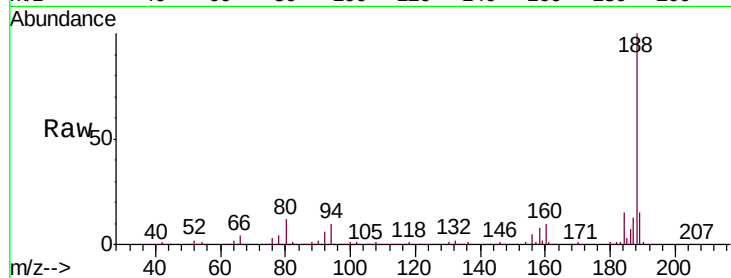




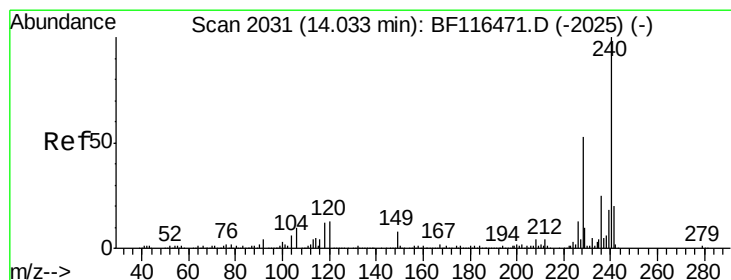
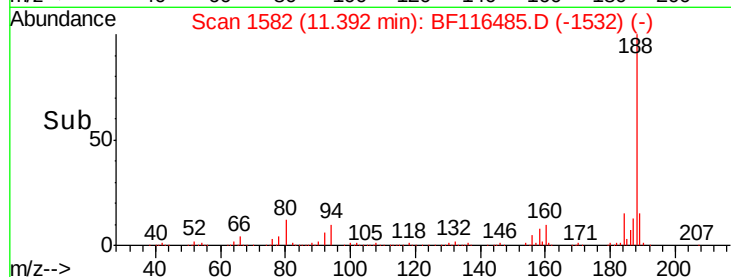
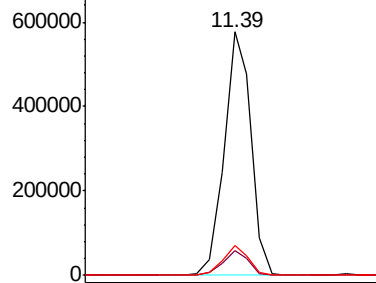
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Instrument :
BNA_F
ClientSampleId :
PB122393BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.4	11.2
80	12.1	8.6	12.8

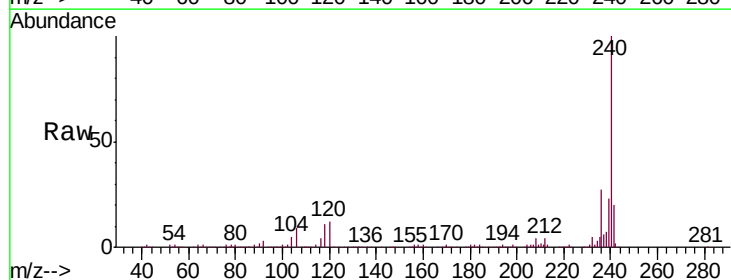


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

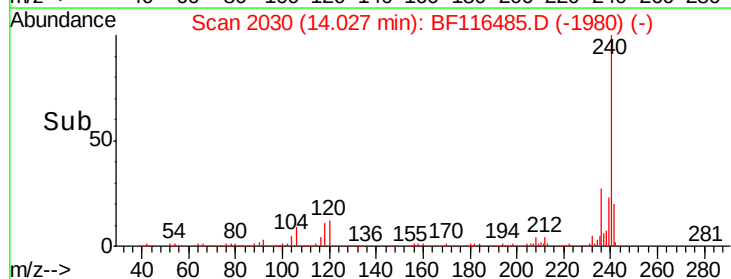
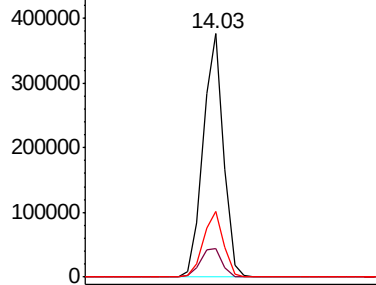


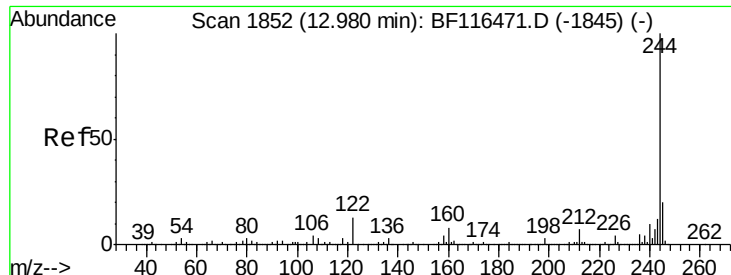
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116485.D
Acq: 23 Aug 2019 18:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.5	15.7
236	27.2	20.2	30.2



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: 92.794 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116485.D

Acq: 23 Aug 2019 18:55

Instrument :

BNA_F

ClientSampleId :

PB122393BL

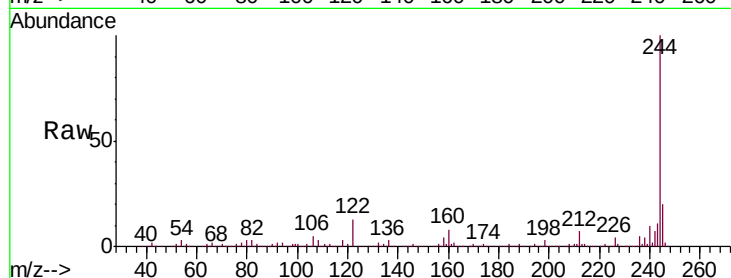
Tot Ion:244 Resp: 1656766

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

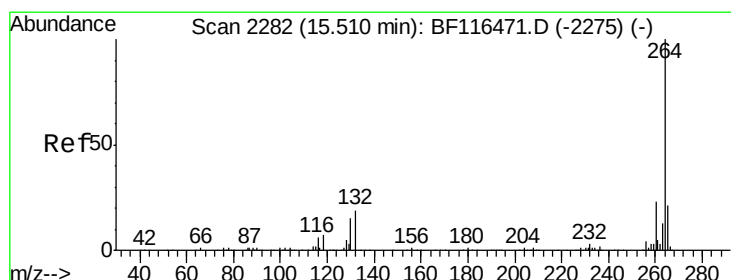
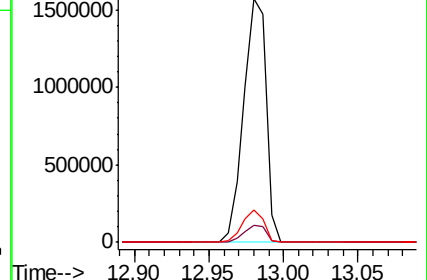
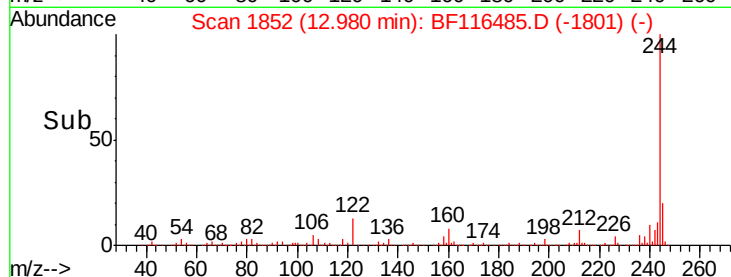
122 13.4 10.2 15.4



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: BF116485.D

Acq: 23 Aug 2019 18:55

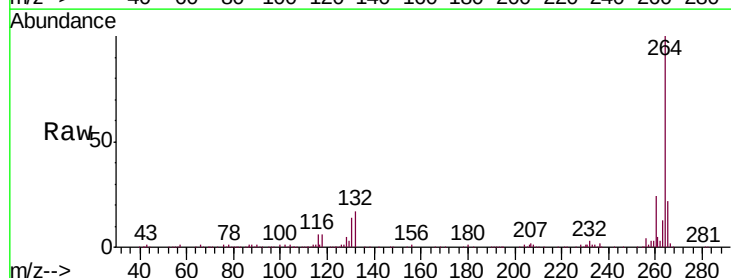
Tgt Ion:264 Resp: 298307

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.6 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

