

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
 Data File : BF115413.D
 Acq On : 8 Jul 2019 19:00
 Operator : HP/JU
 Sample : PB121186BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BL

Quant Time: Jul 09 02:16:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 14:57:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	176662	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	694950	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	357504	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	746769	20.00	ng	0.00
76) Chrysene-d12	14.05	240	669726	20.00	ng	-0.02
87) Perylene-d12	15.54	264	709949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1273319	111.36	ng	0.00
7) Phenol-d6	6.52	99	1627446	111.91	ng	0.00
23) Nitrobenzene-d5	7.45	82	1031618	87.71	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	503489	127.38	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1853461	90.97	ng	0.00
79) Terphenyl-d14	13.00	244	2390325	73.08	ng	0.00

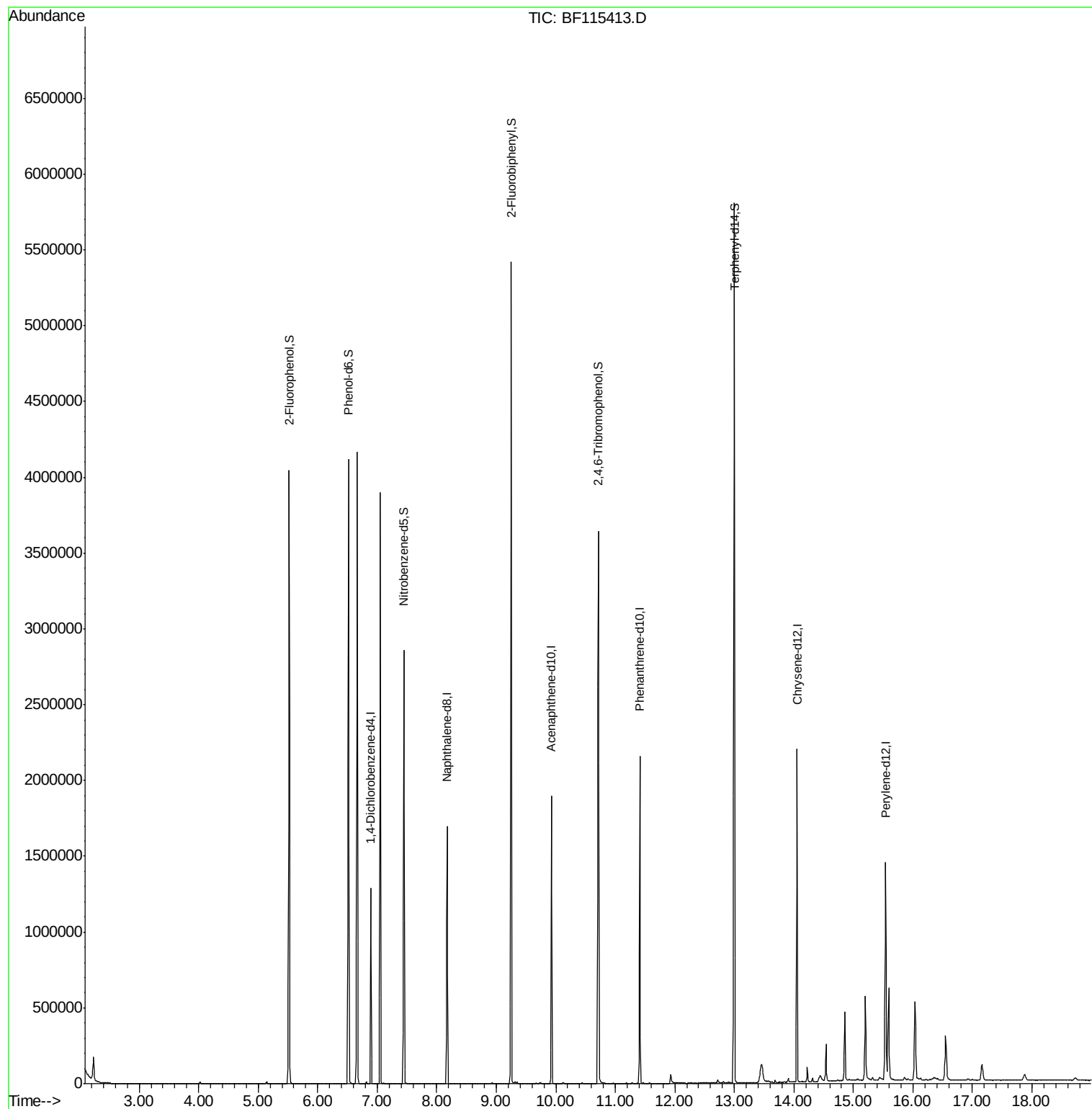
Target Compounds Qvalue

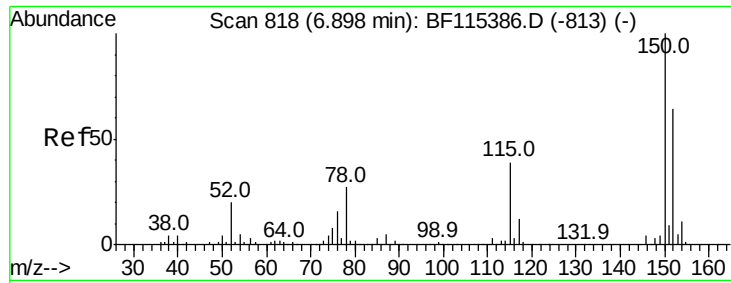
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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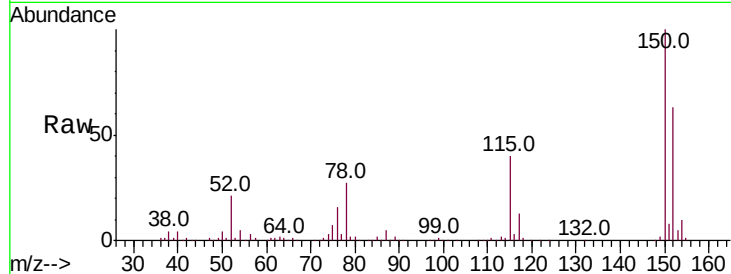


#1

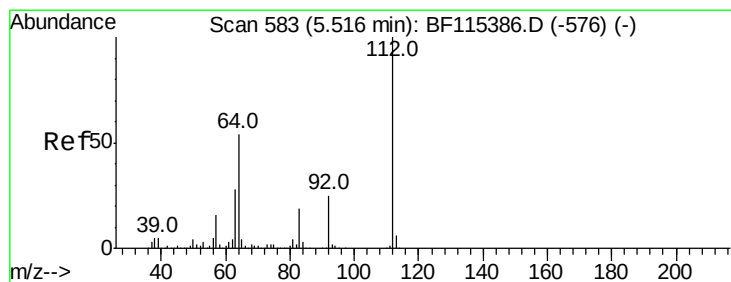
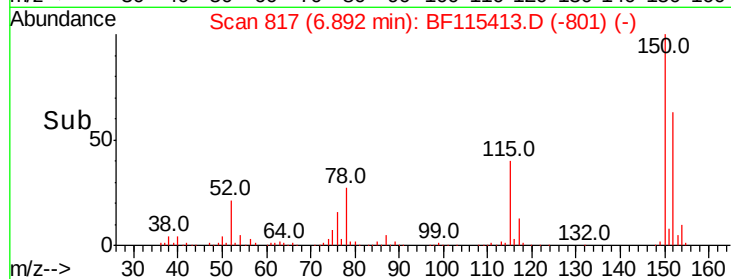
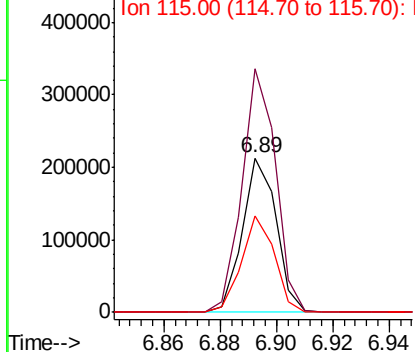
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115413.D
Acq: 8 Jul 2019 19:00

Instrument :
BNA_F
ClientSampleId :
PB121186BL

Tot Ion:152 Resp: 176662
Ion Ratio Lower Upper
152 100
150 157.5 124.7 187.1
115 62.7 48.1 72.1



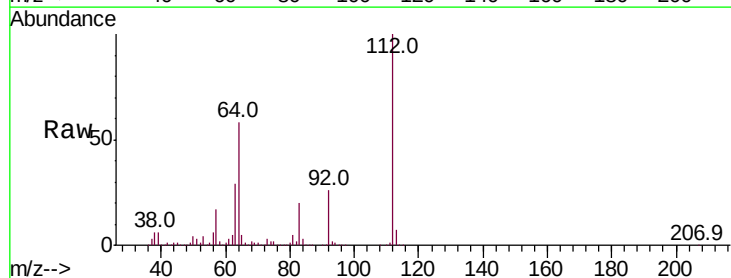
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



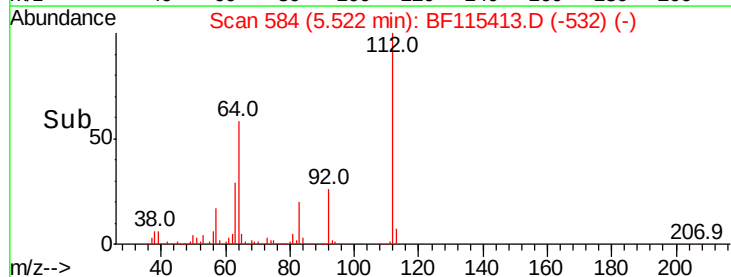
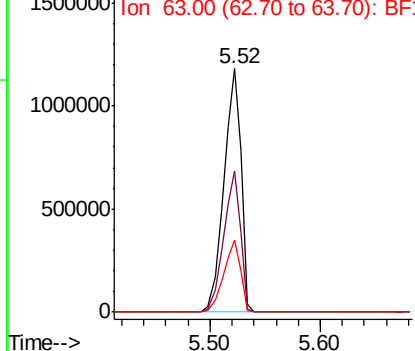
#5

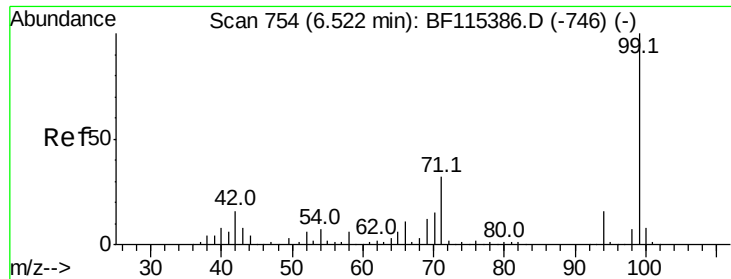
2-Fluorophenol
Concen: 111.360 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF115413.D
Acq: 8 Jul 2019 19:00

Tgt Ion:112 Resp: 1273319
Ion Ratio Lower Upper
112 100
64 57.8 43.0 64.6
63 29.5 22.2 33.2



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: 111.914 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115413.D

Acq: 8 Jul 2019 19:00

Instrument :

BNA_F

ClientSampleId :

PB121186BL

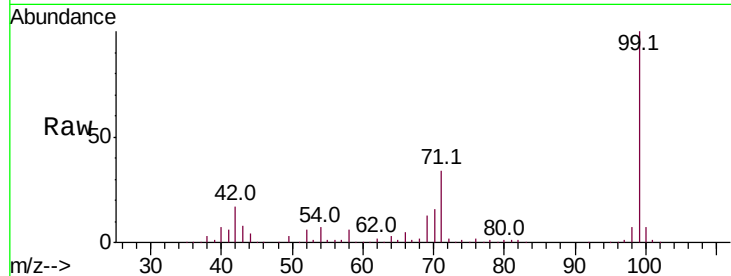
Tot Ion: 99 Resp: 1627446

Ion Ratio Lower Upper

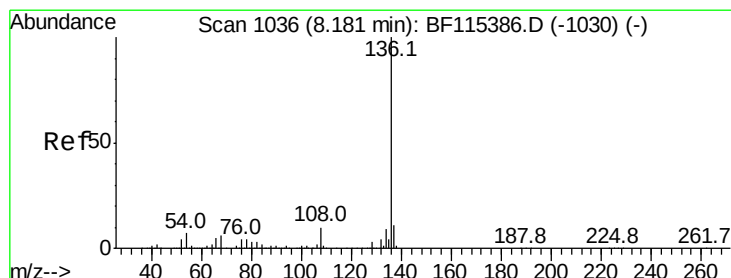
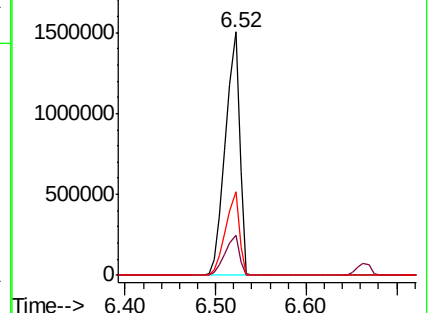
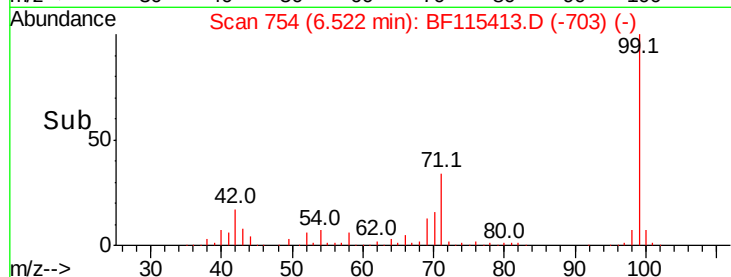
99 100

42 16.7 13.1 19.7

71 34.4 25.9 38.9



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115413.D

Acq: 8 Jul 2019 19:00

Tgt Ion: 136 Resp: 694950

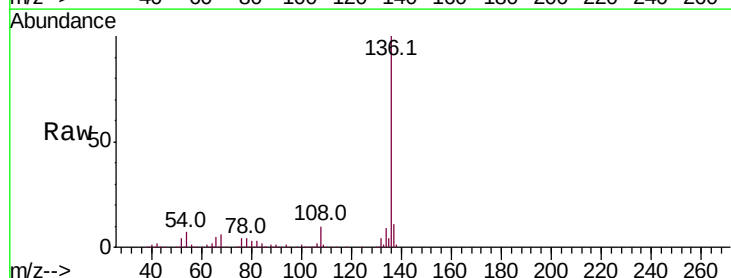
Ion Ratio Lower Upper

136 100

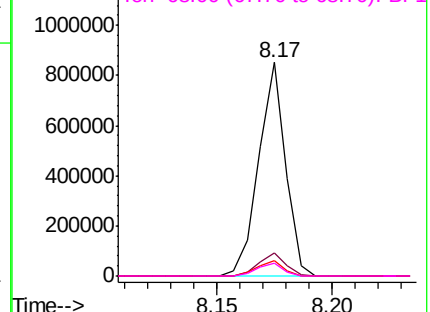
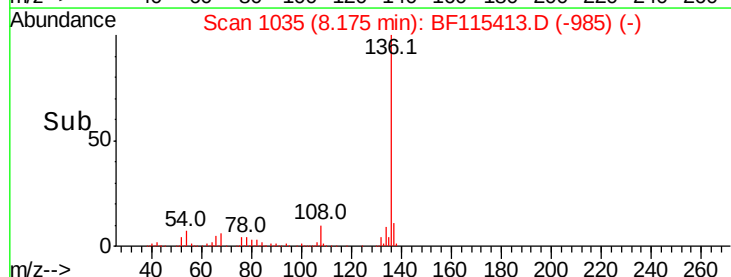
137 11.0 8.9 13.3

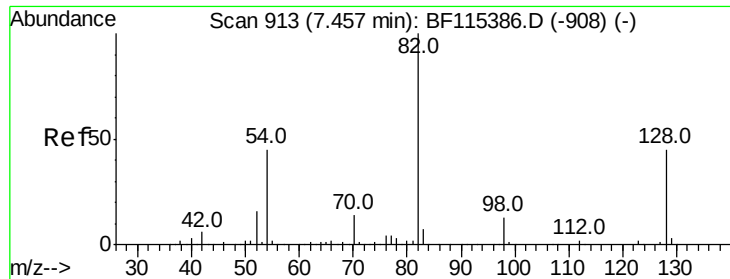
54 7.0 5.6 8.4

68 6.3 4.9 7.3



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



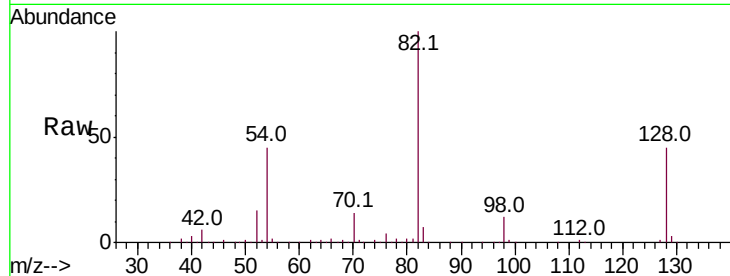


#23
 Nitrobenzene-d5
 Concen: 87.706 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115413.D
 Acq: 8 Jul 2019 19:00

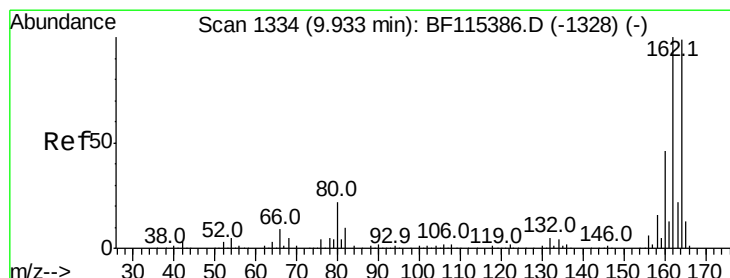
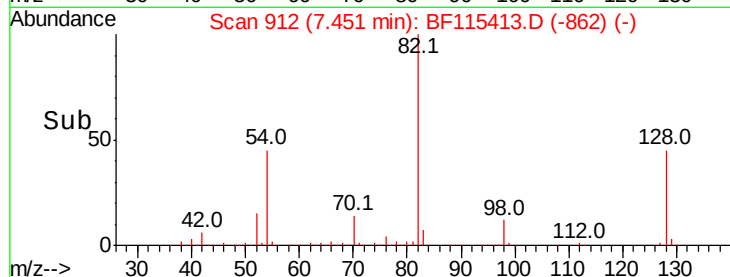
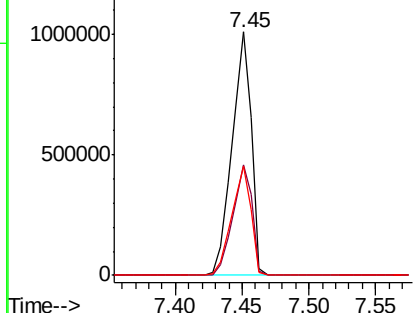
Instrument :
 BNA_F
 ClientSampleId :
 PB121186BL

Tot Ion: 82 Resp: 1031618

Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.7	53.5
54	44.8	36.3	54.5



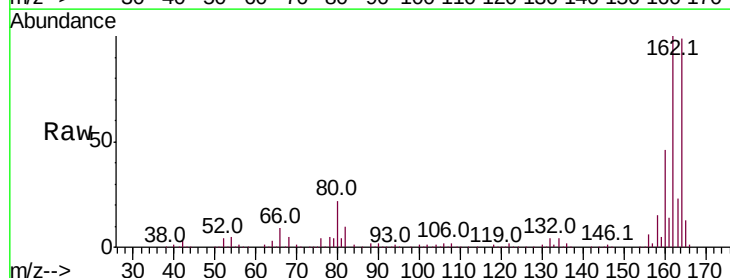
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



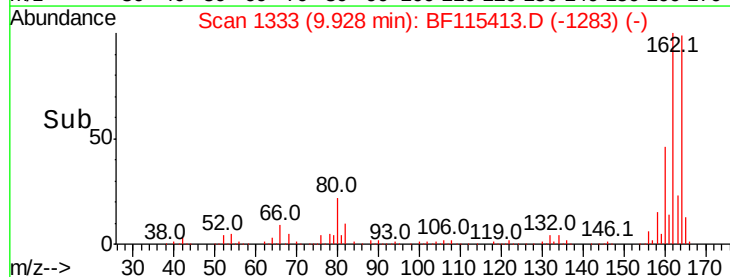
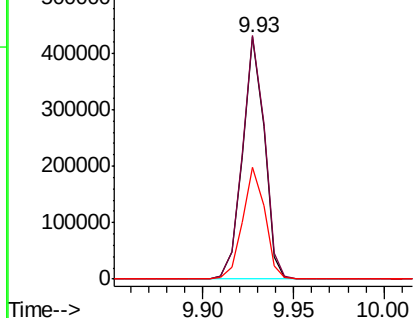
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115413.D
 Acq: 8 Jul 2019 19:00

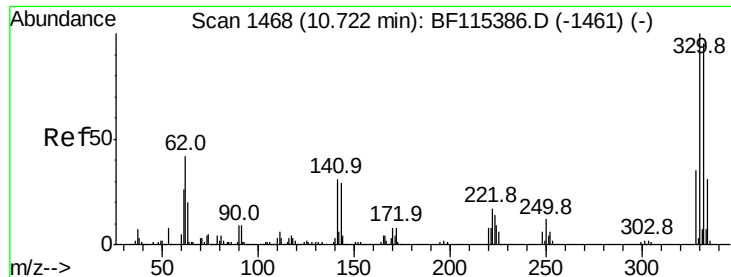
Tgt Ion: 164 Resp: 357504

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	121.0
160	46.4	37.0	55.6



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

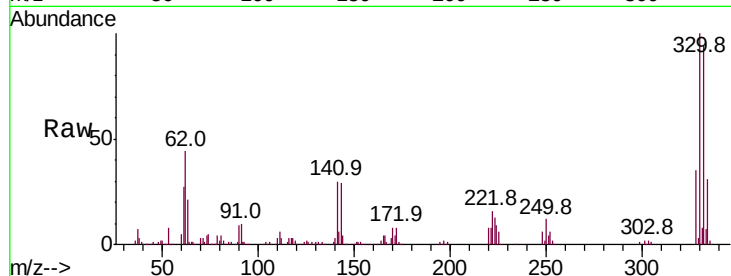




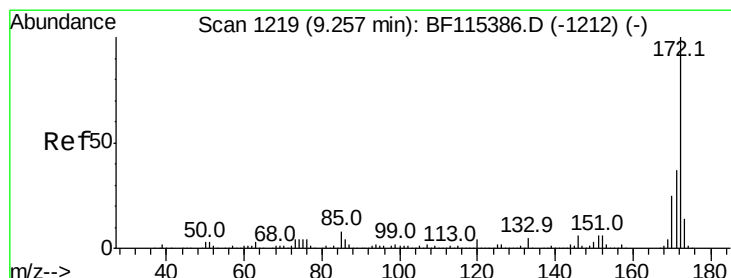
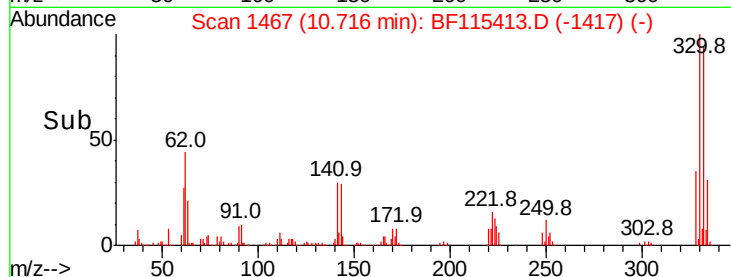
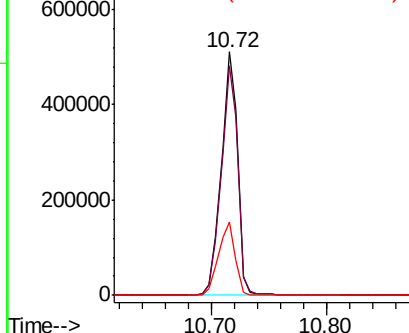
#42
 2,4,6-Tribromophenol
 Concen: 127.375 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115413.D
 Acq: 8 Jul 2019 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121186BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.3	114.5
141	30.9	27.0	40.4

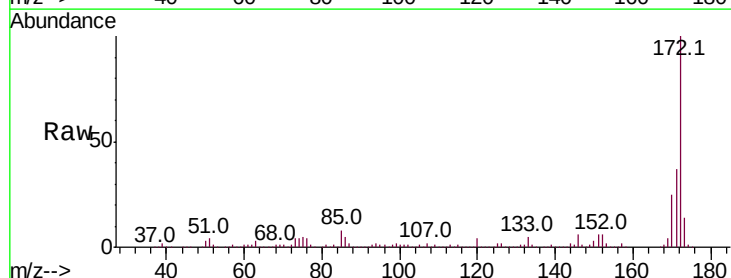


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

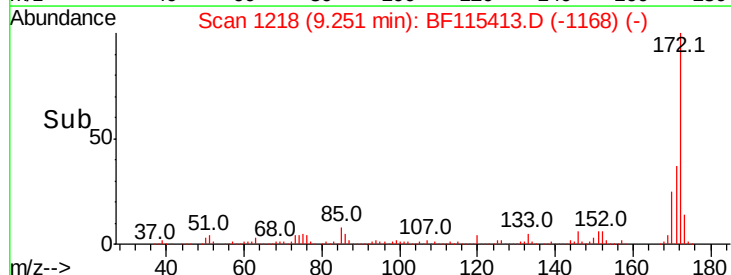
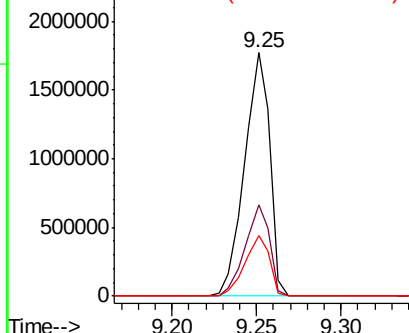


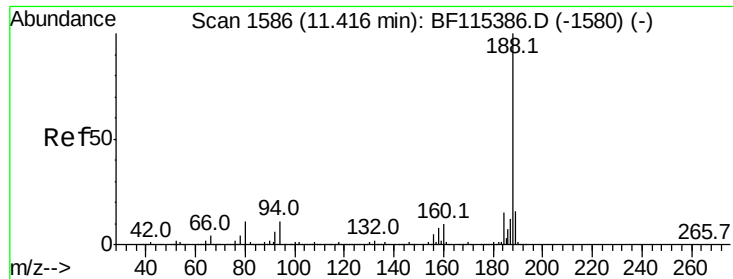
#45
 2-Fluorobiphenyl
 Concen: 90.974 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115413.D
 Acq: 8 Jul 2019 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.8
170	24.8	20.2	30.4



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

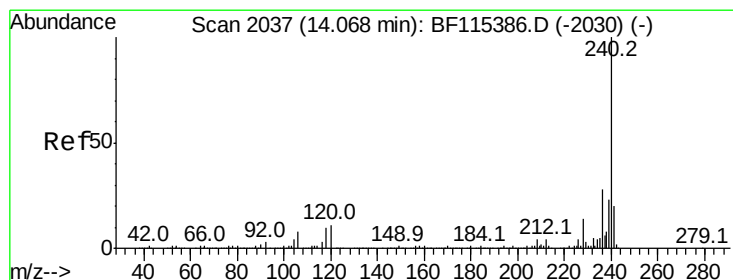
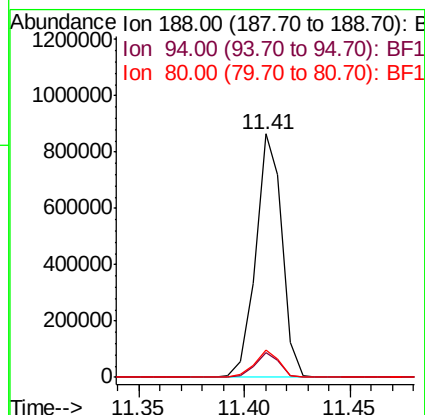
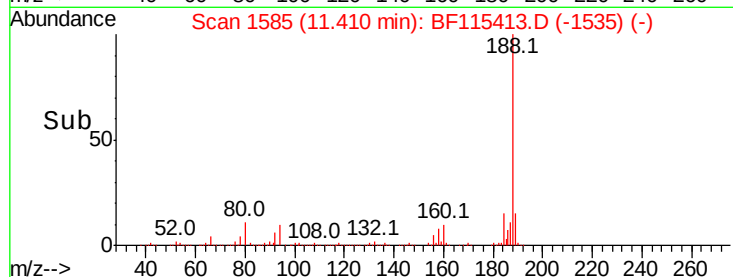
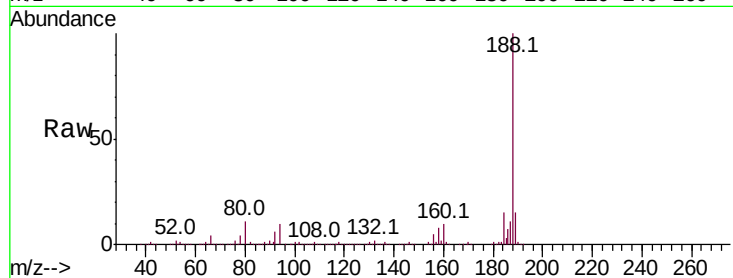




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF115413.D
Acq: 8 Jul 2019 19:00

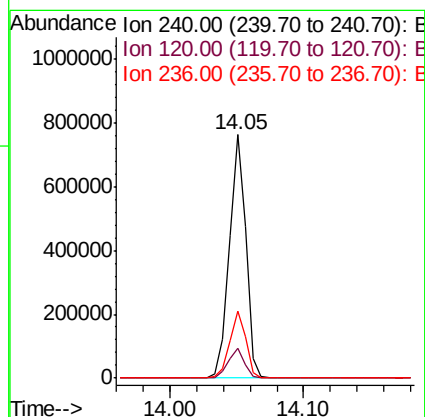
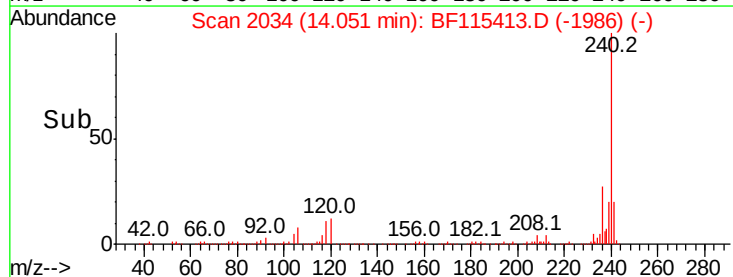
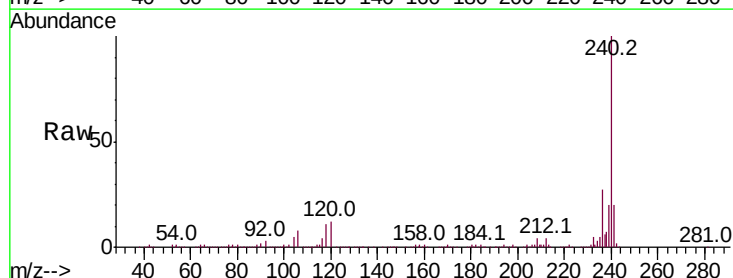
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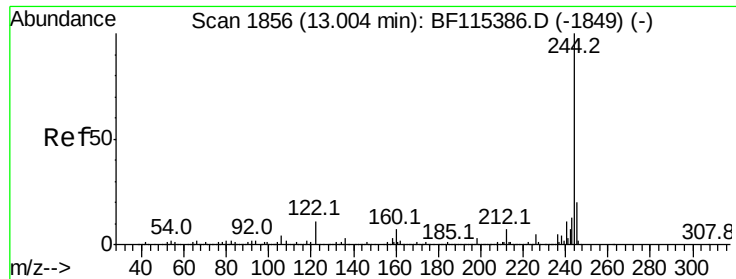
Tot Ion:188 Resp: 746769
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115413.D
Acq: 8 Jul 2019 19:00

Tgt Ion:240 Resp: 669726
Ion Ratio Lower Upper
240 100
120 12.1 9.1 13.7
236 27.3 22.5 33.7





#79

Terphenyl-d14

Concen: 73.078 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF115413.D

Acq: 8 Jul 2019 19:00

Instrument :

BNA_F

ClientSampleId :

PB121186BL

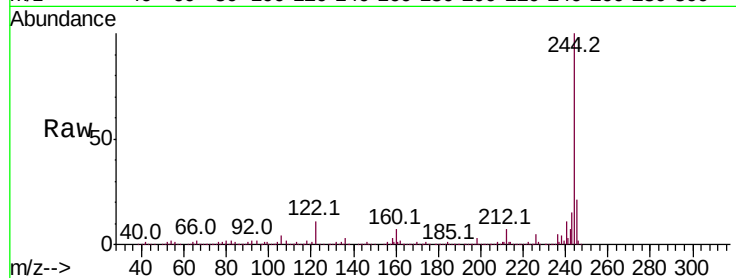
Tot Ion:244 Resp: 2390325

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

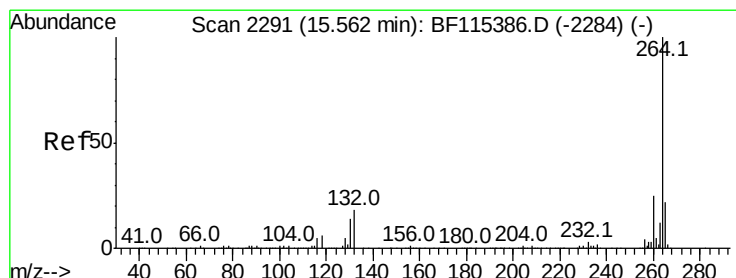
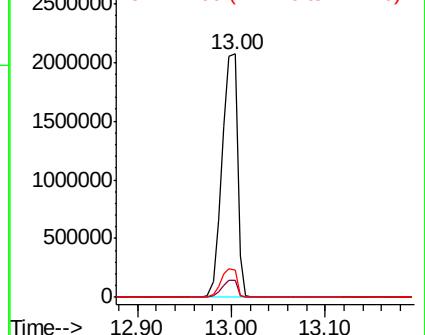
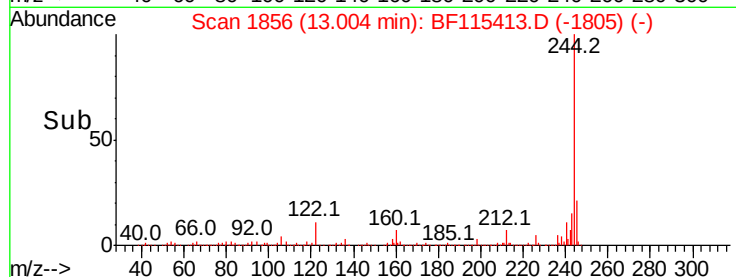
122 11.1 9.1 13.7



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: 15.54 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BF115413.D

Acq: 8 Jul 2019 19:00

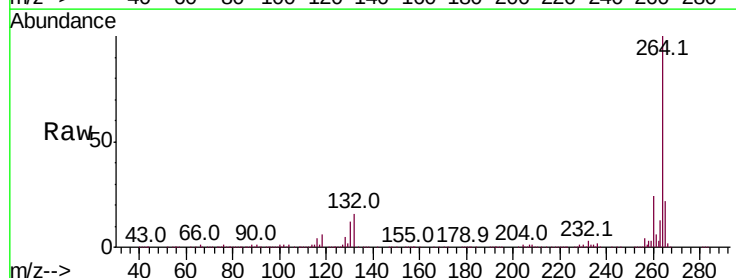
Tgt Ion:264 Resp: 709949

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 21.6 17.4 26.2



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

