

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115643.D
 Acq On : 18 Jul 2019 9:30
 Operator : HP/JU
 Sample : PB121459BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BL

Quant Time: Jul 18 17:04:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	208466	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	857625	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	443147	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	834874	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	486281	20.00	ng	-0.02
87) Perylene-d12	15.50	264	439338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1423644	111.70	ng	0.02
7) Phenol-d6	6.52	99	1789012	110.63	ng	0.00
23) Nitrobenzene-d5	7.45	82	1160401	78.67	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	526158	101.72	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2076077	82.00	ng	-0.01
79) Terphenyl-d14	12.99	244	2286751	86.77	ng	-0.01

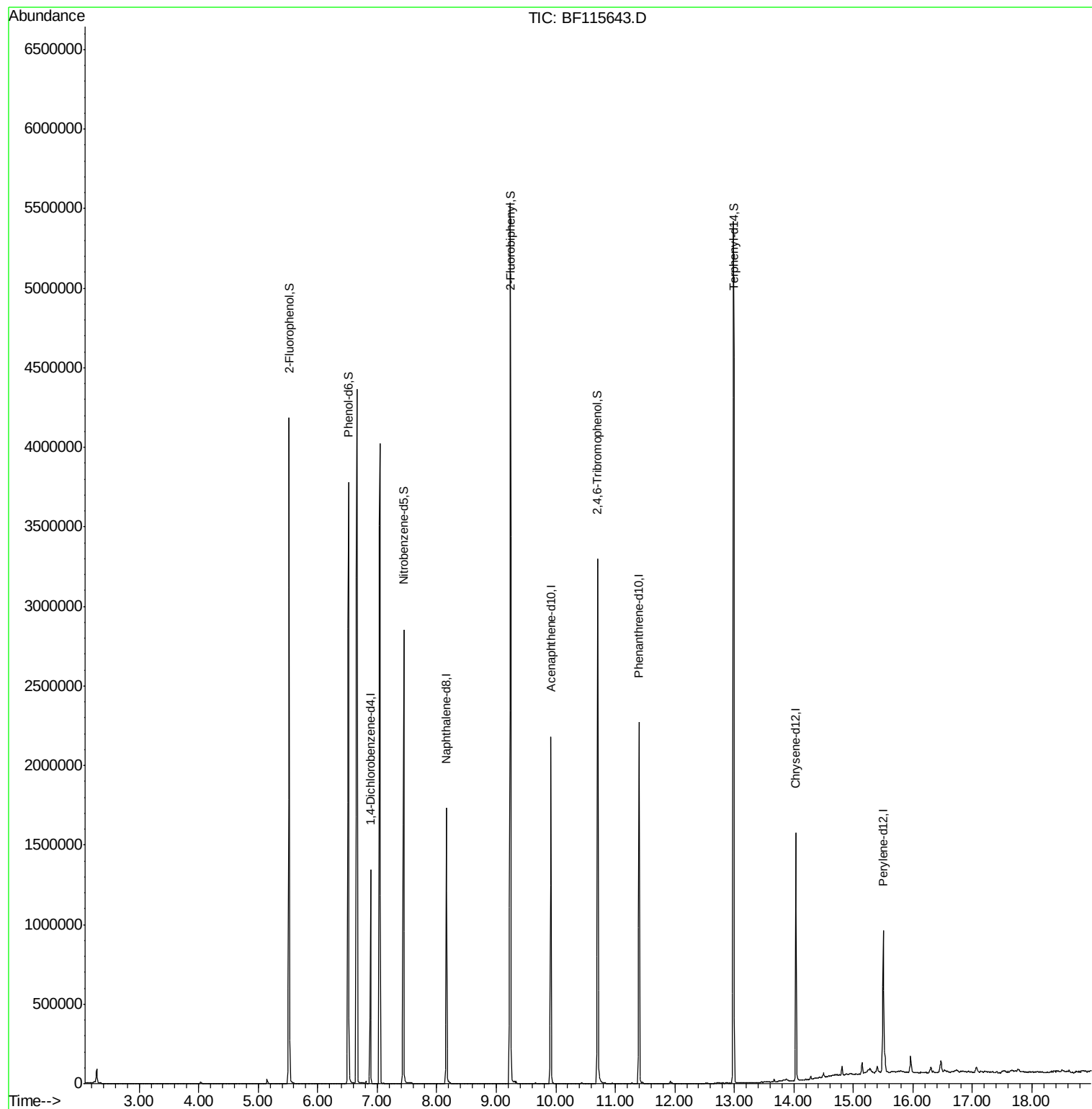
Target Compounds Qvalue

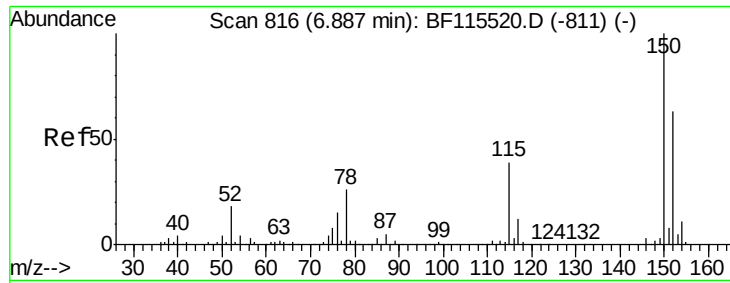
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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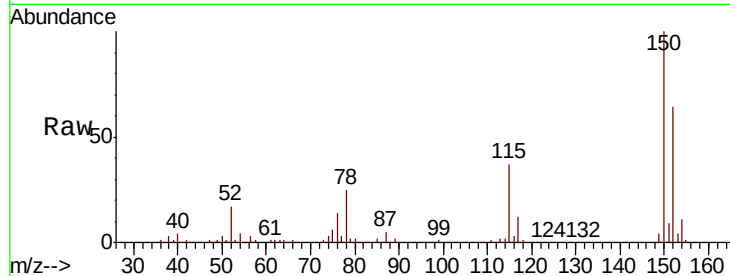


#1

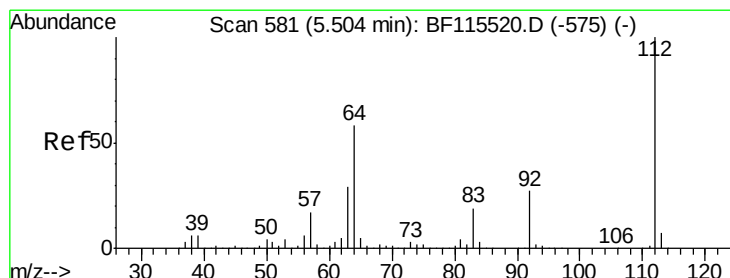
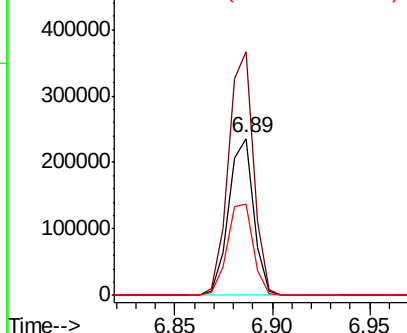
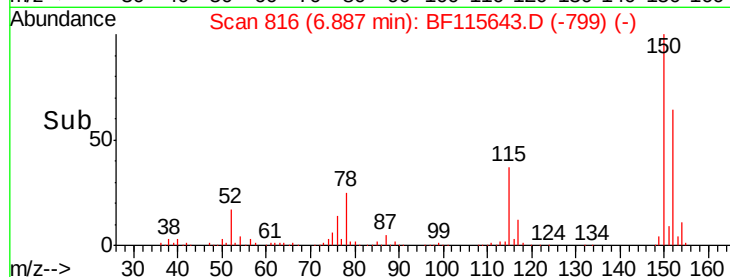
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115643.D
Acq: 18 Jul 2019 9:30

Instrument :
BNA_F
ClientSampleId :
PB121459BL

Tot Ion:152 Resp: 208466
Ion Ratio Lower Upper
152 100
150 155.4 129.7 194.5
115 58.0 48.2 72.4



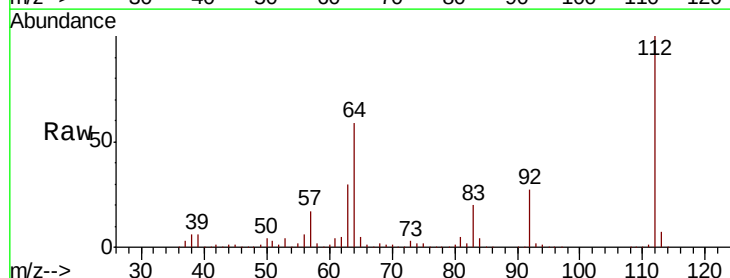
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



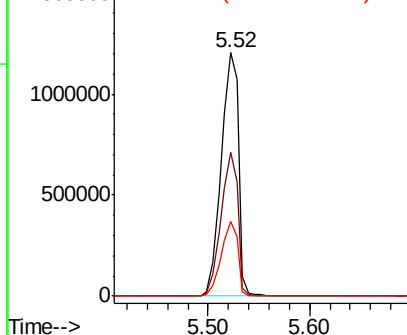
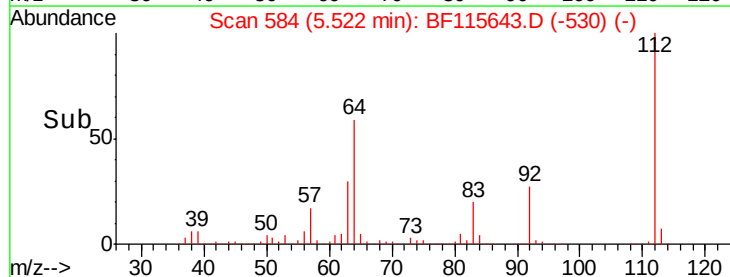
#5

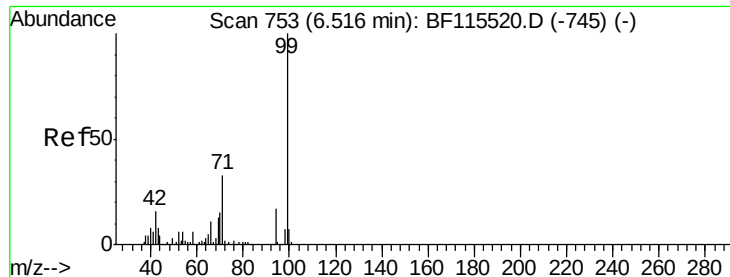
2-Fluorophenol
Concen: 111.705 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115643.D
Acq: 18 Jul 2019 9:30

Tgt Ion:112 Resp: 1423644
Ion Ratio Lower Upper
112 100
64 58.8 46.8 70.2
63 30.4 24.1 36.1



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: 110.627 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PB121459BL

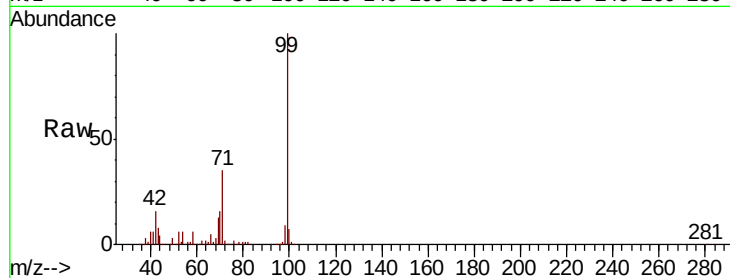
Tot Ion: 99 Resp: 1789012

Ion Ratio Lower Upper

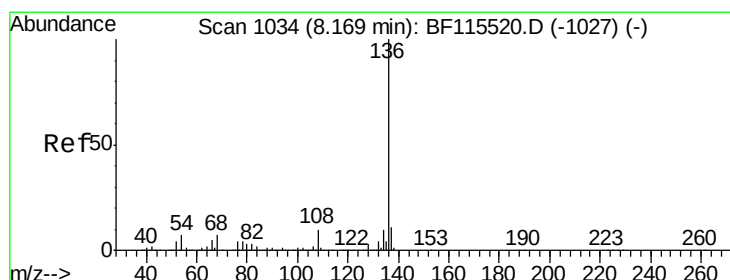
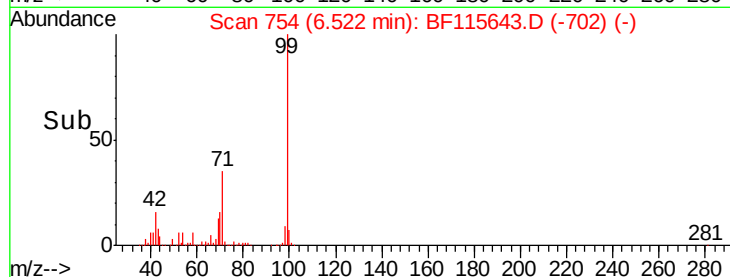
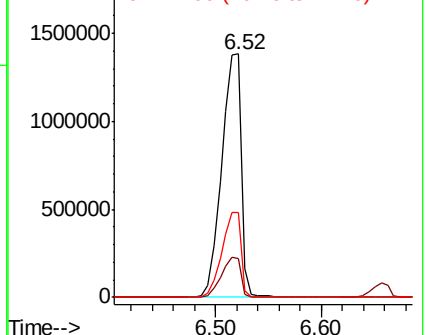
99 100

42 16.0 13.6 20.4

71 34.7 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. -0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Tgt Ion: 136 Resp: 857625

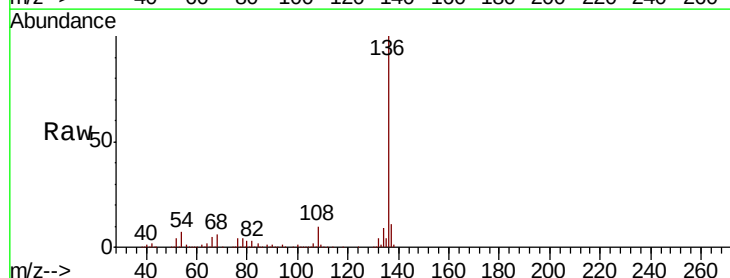
Ion Ratio Lower Upper

136 100

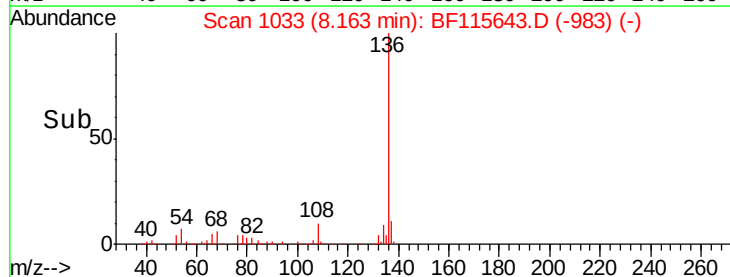
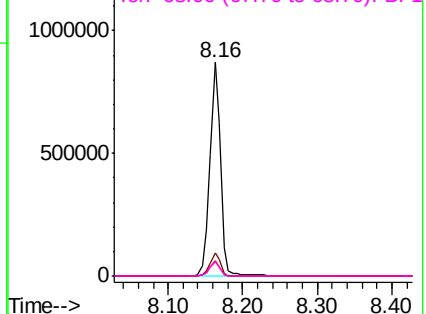
137 11.0 9.0 13.4

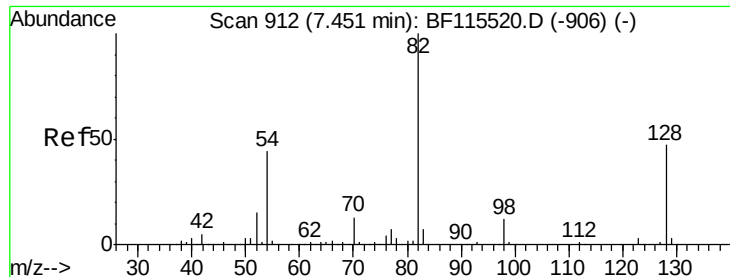
54 7.1 5.6 8.4

68 6.4 5.0 7.6



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



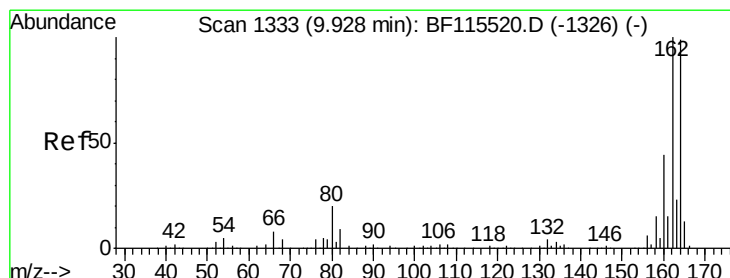
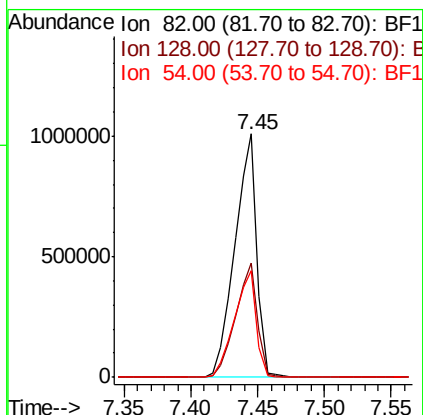
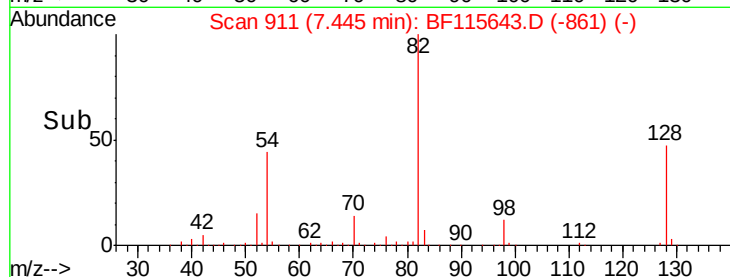
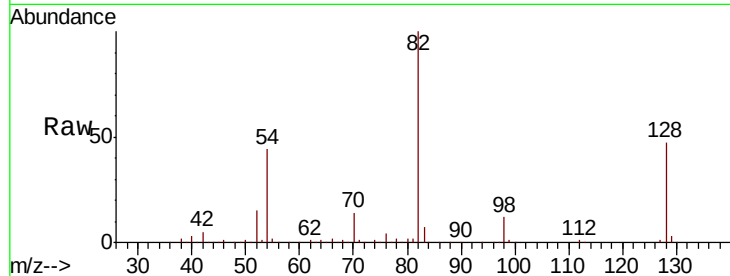


#23
 Nitrobenzene-d5
 Concen: 78.675 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

Instrument :
 BNA_F
 ClientSampleId :
 PB121459BL

Tot Ion: 82 Resp: 1160401

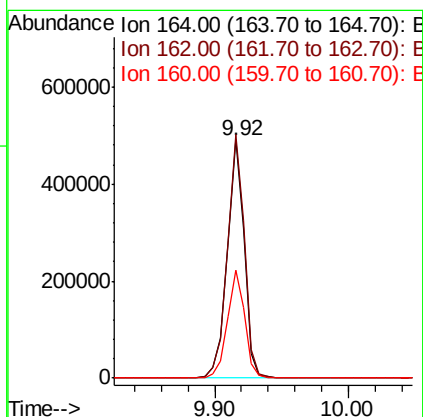
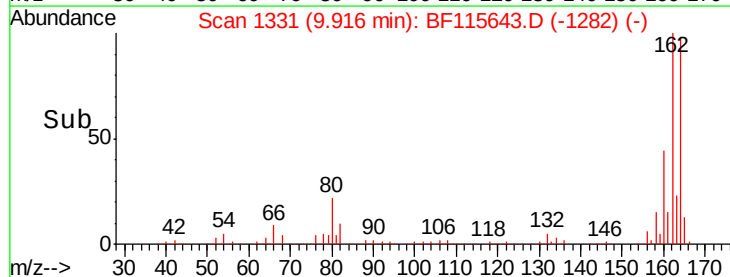
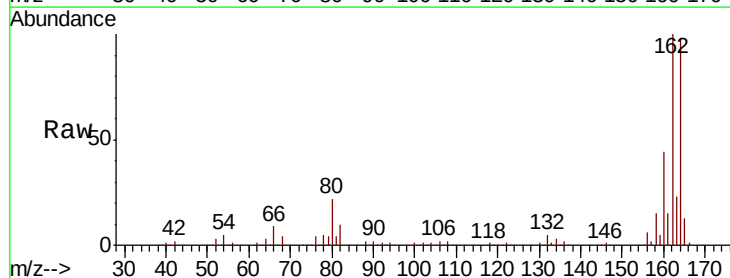
Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.6	57.8
54	43.9	35.6	53.4

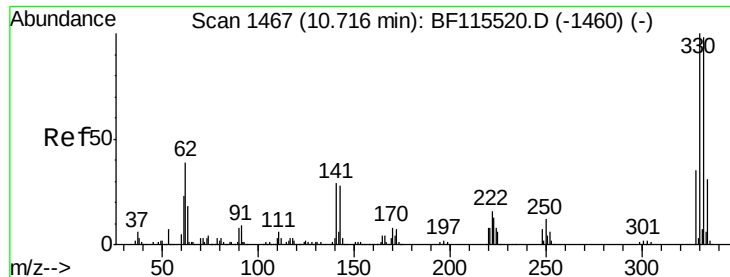


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115643.D
 Acq: 18 Jul 2019 9:30

Tgt Ion: 164 Resp: 443147

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.9	124.3
160	45.3	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 101.720 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PB121459BL

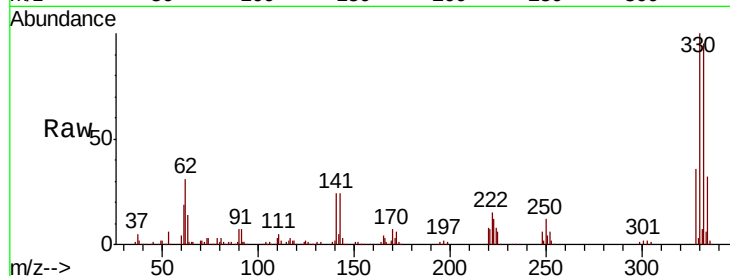
Tot Ion:330 Resp: 526158

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.2

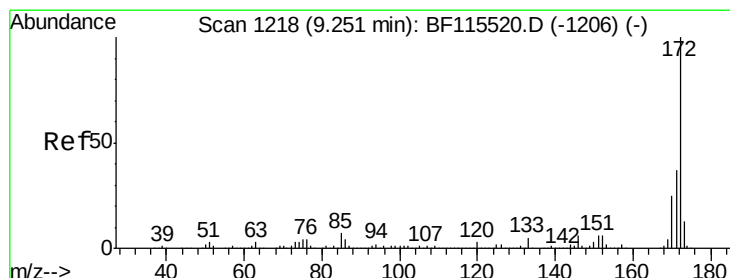
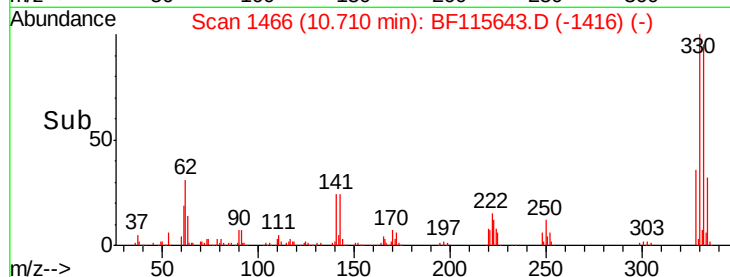
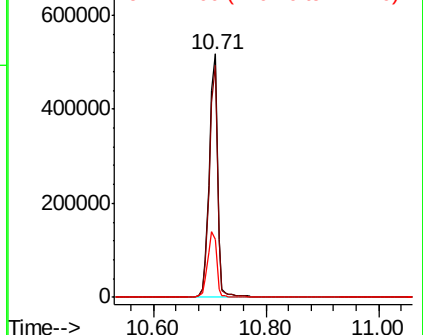
141 29.6 22.4 33.6



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: 81.998 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

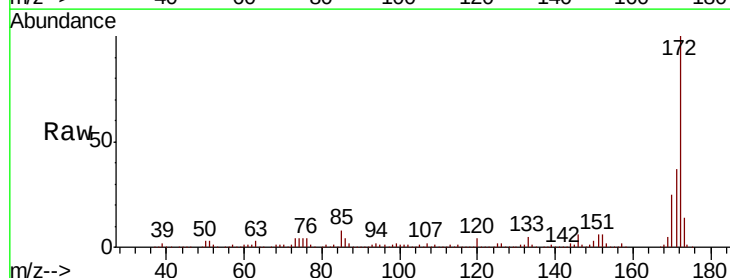
Tgt Ion:172 Resp: 2076077

Ion Ratio Lower Upper

172 100

171 37.4 30.6 46.0

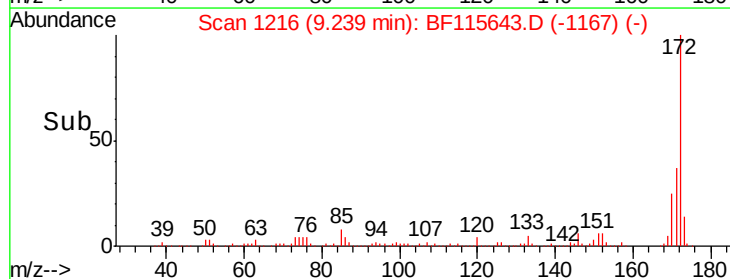
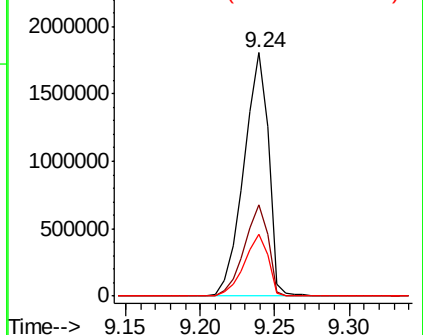
170 25.3 20.5 30.7

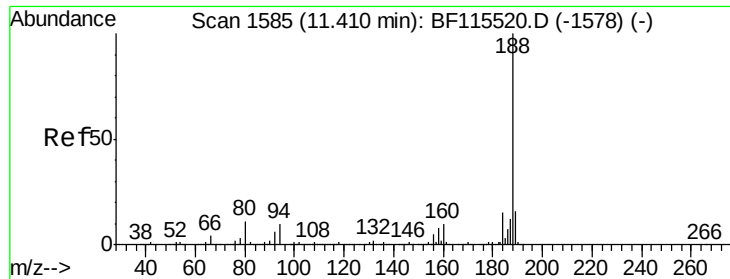


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

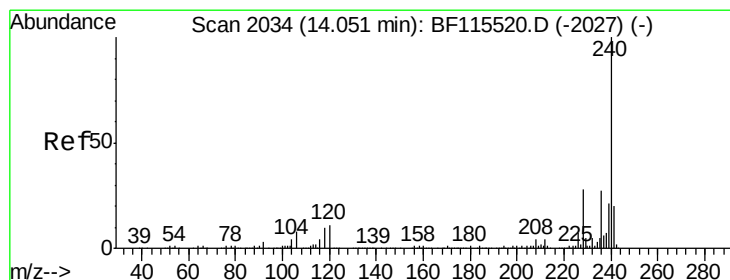
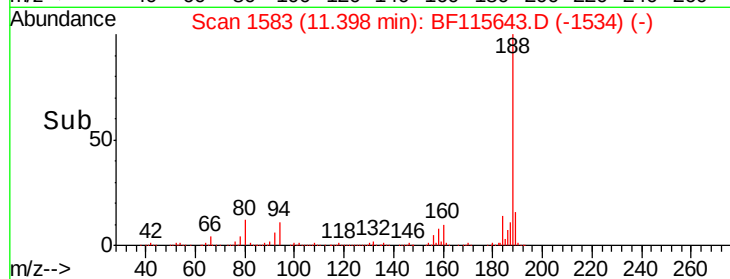
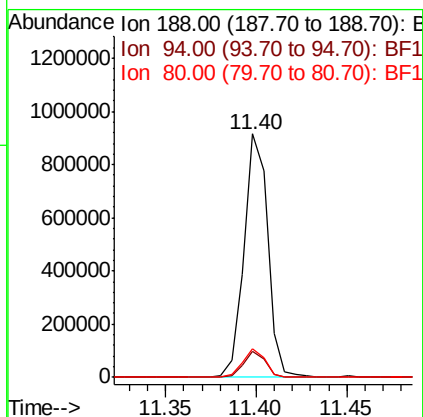
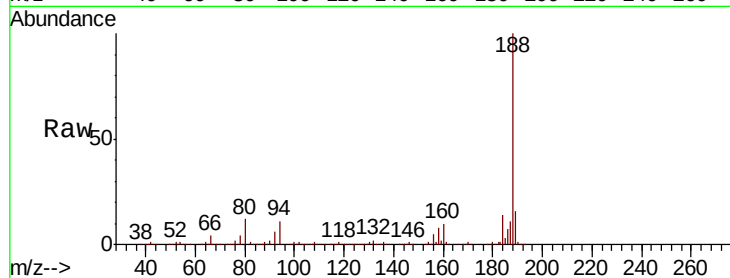




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115643.D
Acq: 18 Jul 2019 9:30

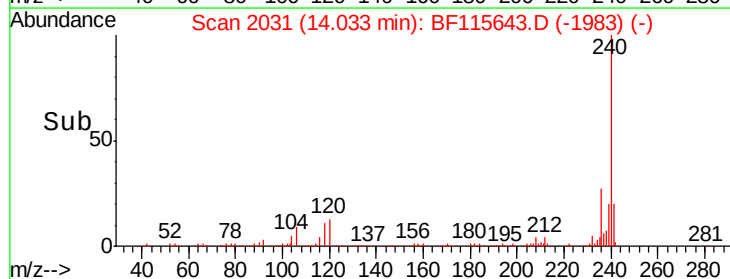
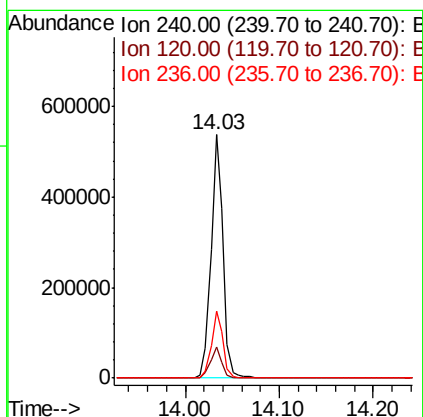
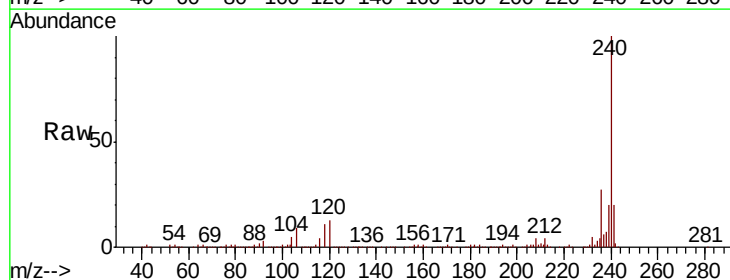
Instrument :
BNA_F
ClientSampleId :
PB121459BL

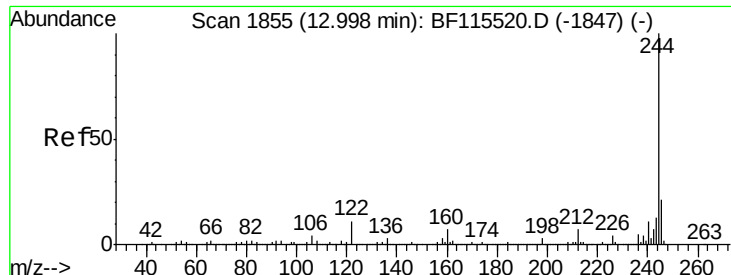
Tot Ion:188 Resp: 834874
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.6
80 11.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115643.D
Acq: 18 Jul 2019 9:30

Tgt Ion:240 Resp: 486281
Ion Ratio Lower Upper
240 100
120 12.8 8.6 13.0
236 27.5 21.3 31.9





#79

Terphenyl-d14

Concen: 86.770 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

Instrument :

BNA_F

ClientSampleId :

PB121459BL

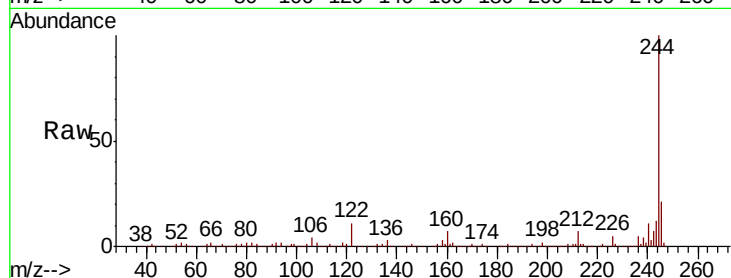
Tot Ion:244 Resp: 2286751

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.4	8.6	12.8

244 100

212 7.1 6.0 9.0

122 11.4 8.6 12.8

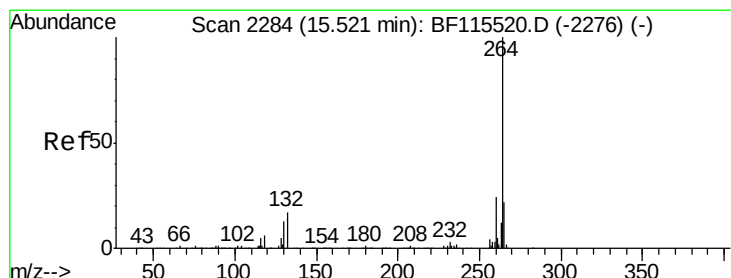
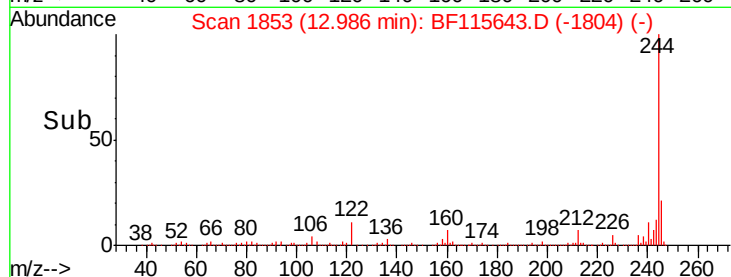
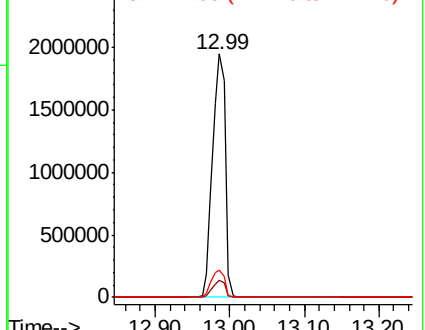


Abundance

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: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115643.D

Acq: 18 Jul 2019 9:30

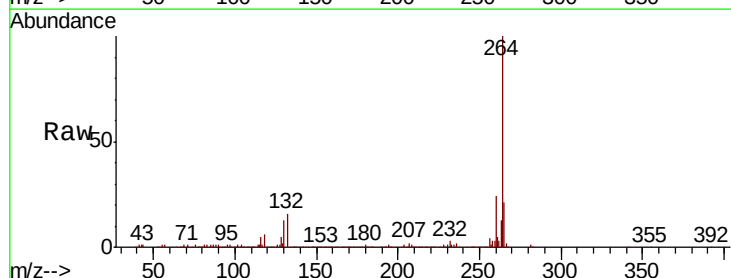
Tgt Ion:264 Resp: 439338

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.4	17.7	26.5

264 100

260 24.4 19.8 29.8

265 21.4 17.7 26.5



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

