

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115646.D
 Acq On : 18 Jul 2019 14:05
 Operator : HP/JU
 Sample : PB121479BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BL

Quant Time: Jul 18 17:09:31 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	6.88	152	200903	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	803978	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	414028	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	767731	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	461933	20.00	ng	-0.02
87) Perylene-d12	15.50	264	408617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1403420	114.26	ng	0.02
7) Phenol-d6	6.52	99	1849817	118.69	ng	0.00
23) Nitrobenzene-d5	7.45	82	1182358	85.51	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	542712	112.30	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2082444	88.03	ng	-0.01
79) Terphenyl-d14	12.99	244	2214886	88.47	ng	-0.01

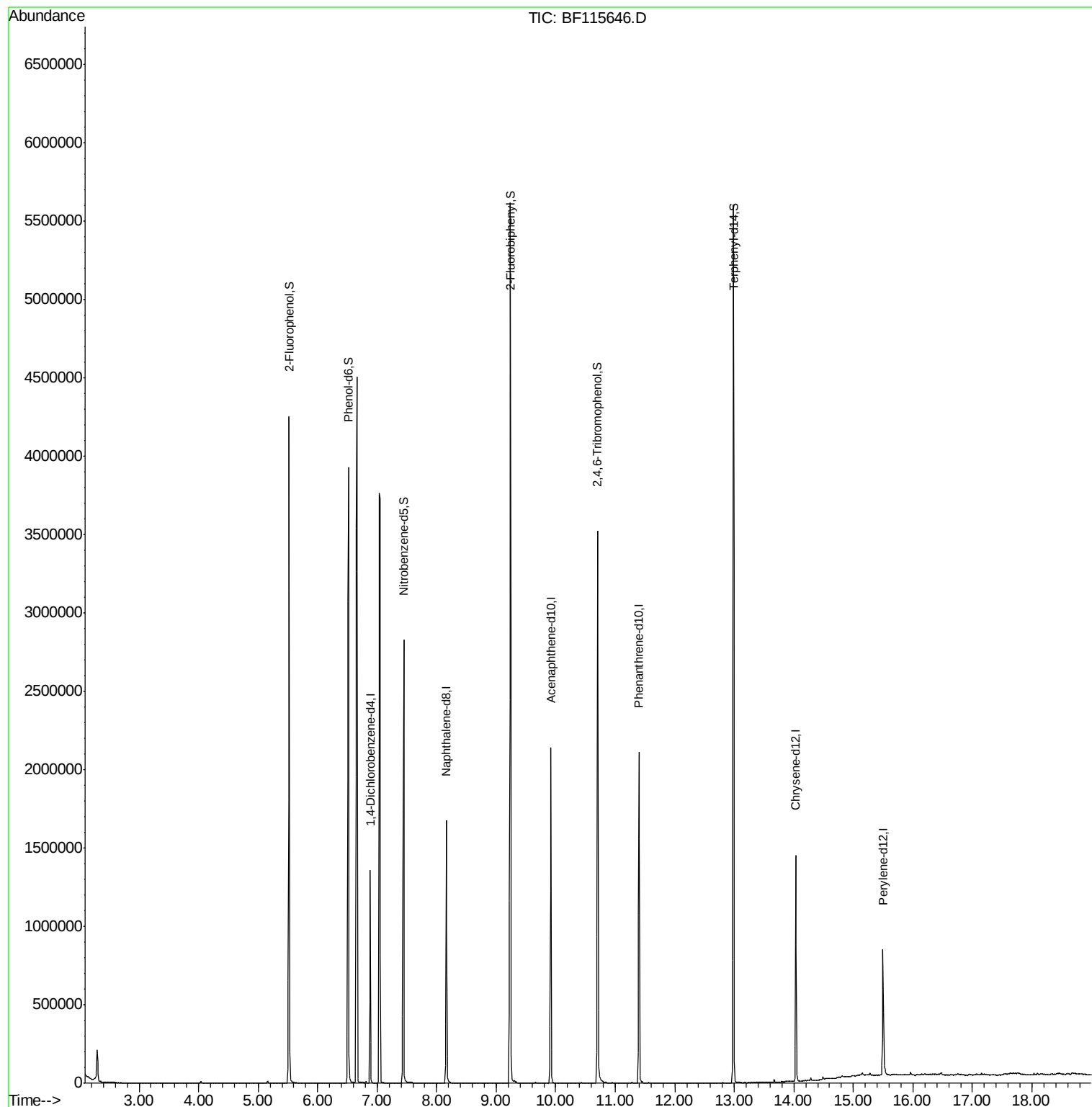
Target Compounds Qvalue

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

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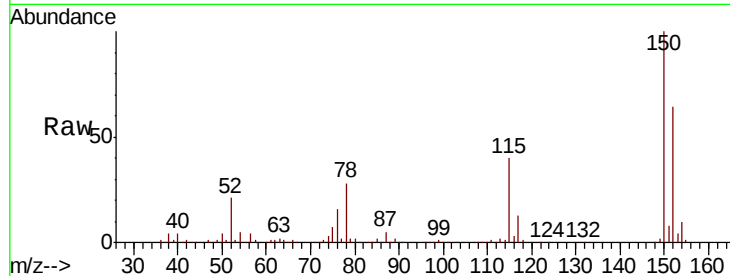


#1

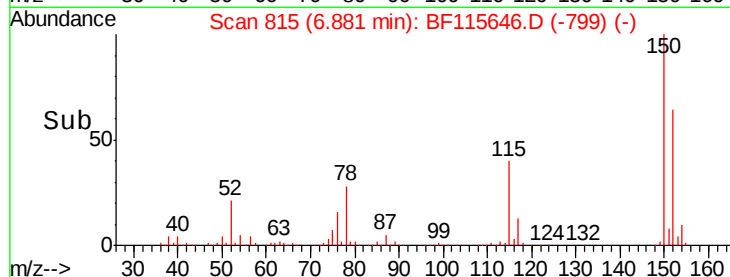
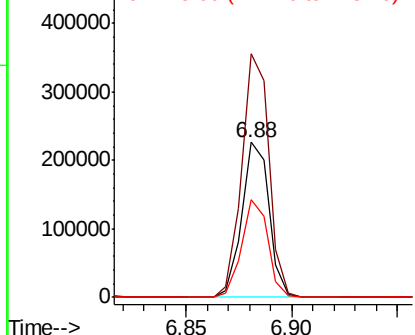
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

Instrument :
BNA_F
ClientSampleId :
PB121479BL

Tot Ion:152 Resp: 200903
Ion Ratio Lower Upper
152 100
150 157.0 129.7 194.5
115 62.9 48.2 72.4



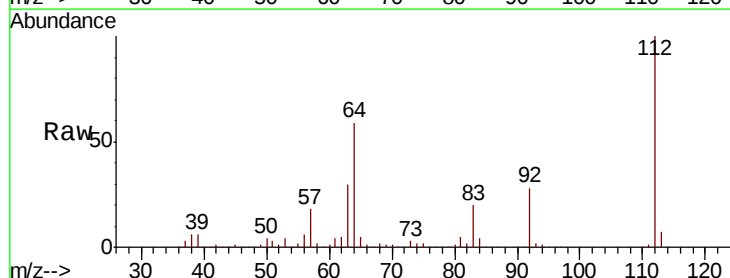
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



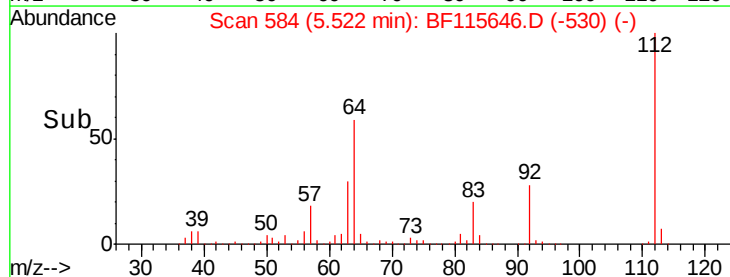
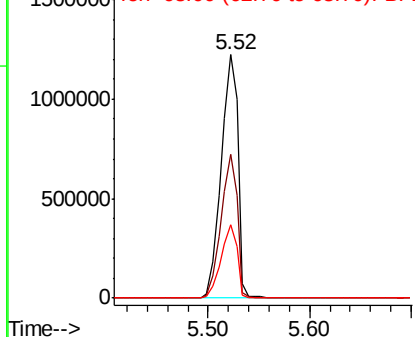
#5

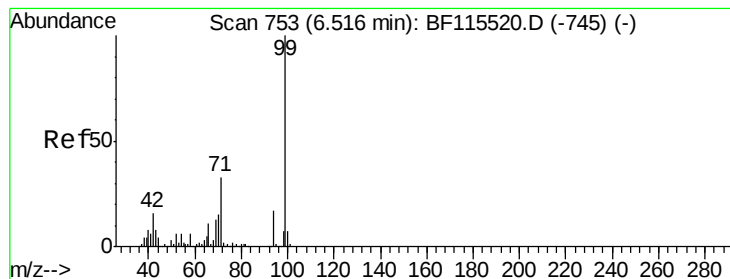
2-Fluorophenol
Concen: 114.264 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

Tgt Ion:112 Resp: 1403420
Ion Ratio Lower Upper
112 100
64 59.0 46.8 70.2
63 30.2 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: 118.693 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

Instrument :

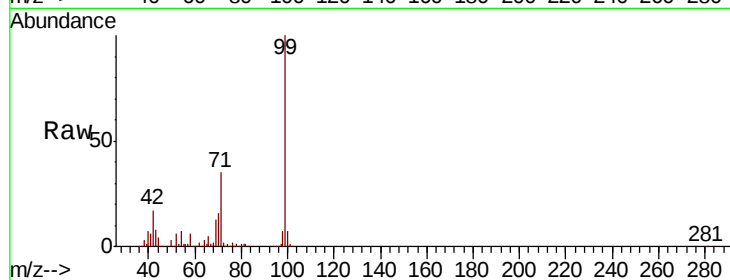
BNA_F

ClientSampleId :

PB121479BL

Tot Ion: 99 Resp: 1849817

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	35.3	28.5	42.7

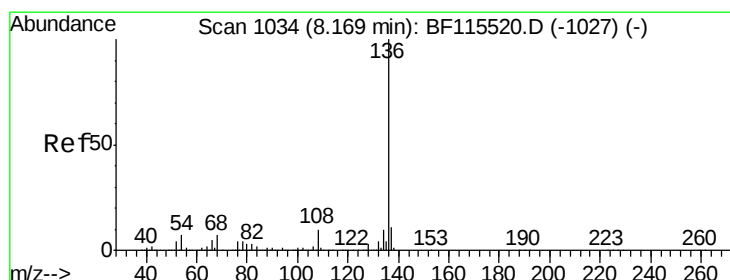
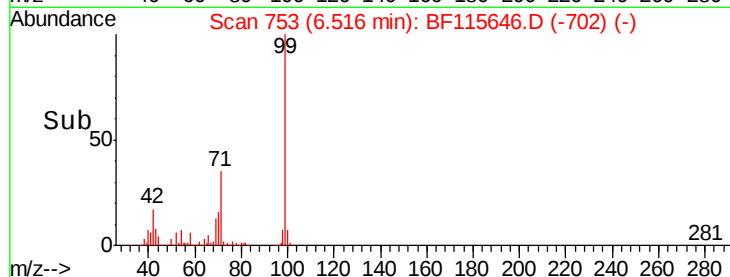
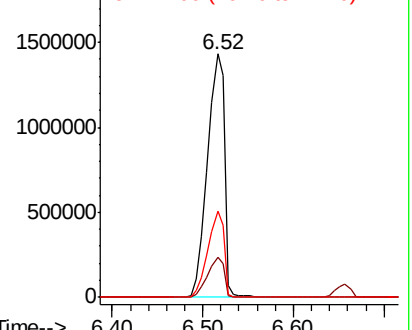


Abundance

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

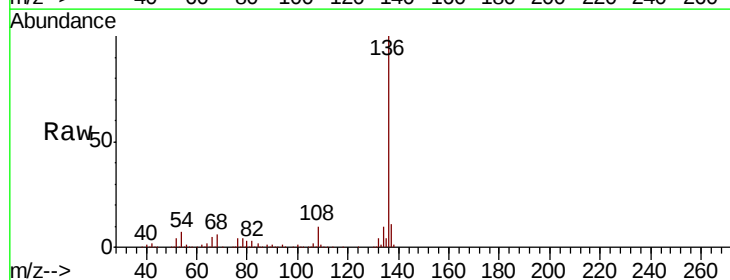
Delta R.T. -0.01 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

Tgt Ion: 136 Resp: 803978

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.6	8.4
68	6.4	5.0	7.6



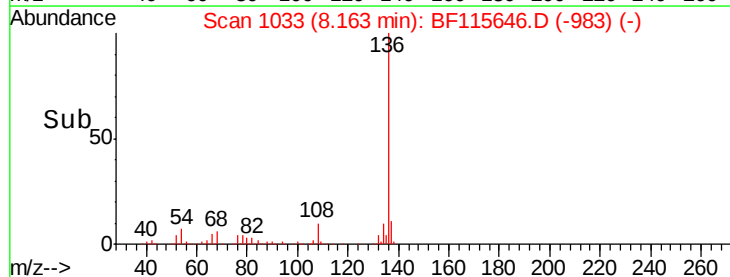
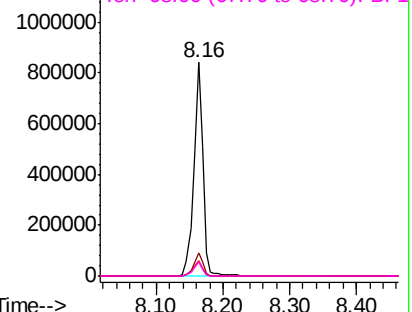
Abundance

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



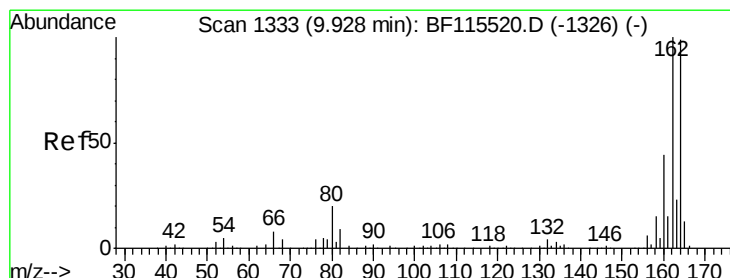
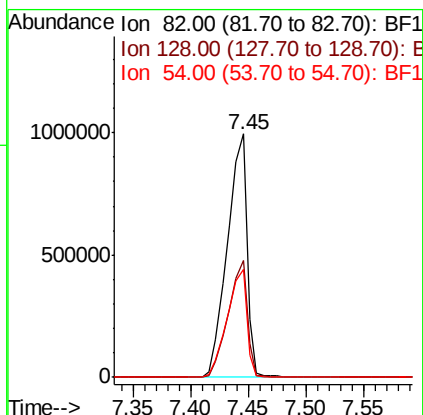
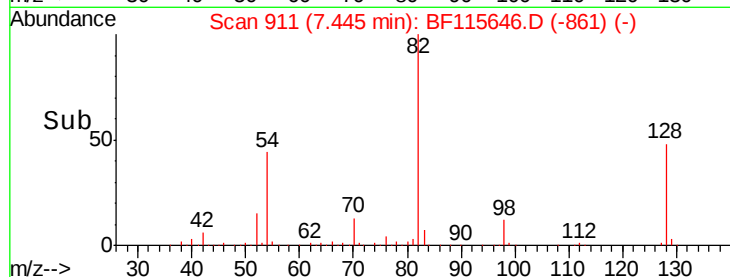
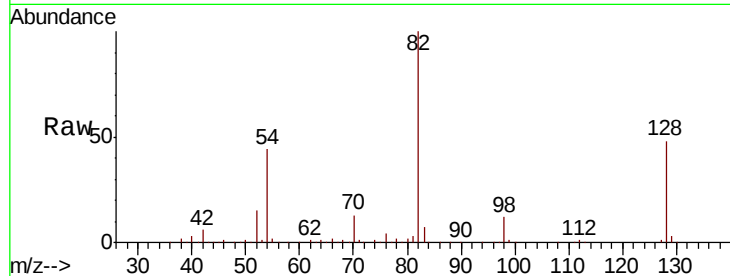


#23
 Nitrobenzene-d5
 Concen: 85.512 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BL

Tot Ion: 82 Resp: 1182358

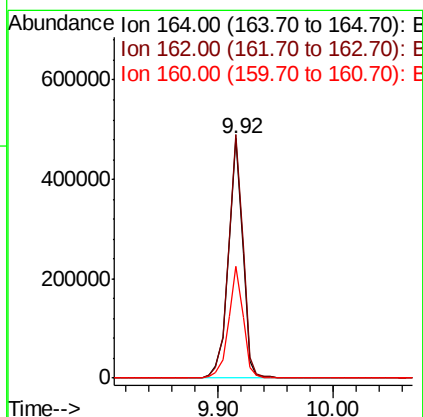
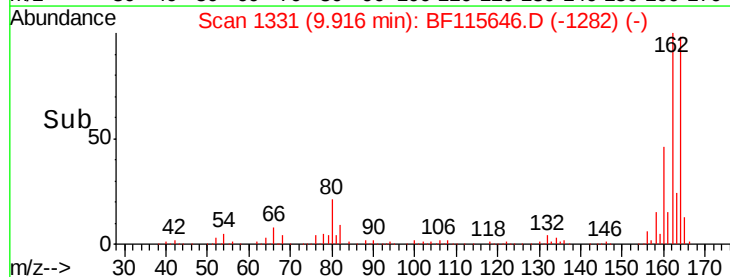
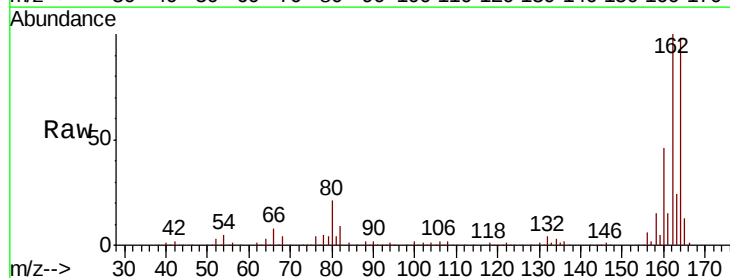
Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.6	57.8
54	44.3	35.6	53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

Tgt Ion: 164 Resp: 414028

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.9	124.3
160	46.7	36.8	55.2

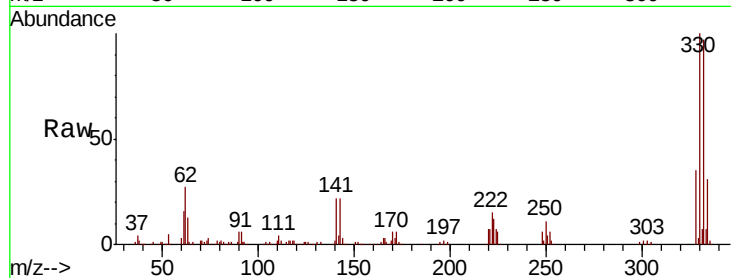




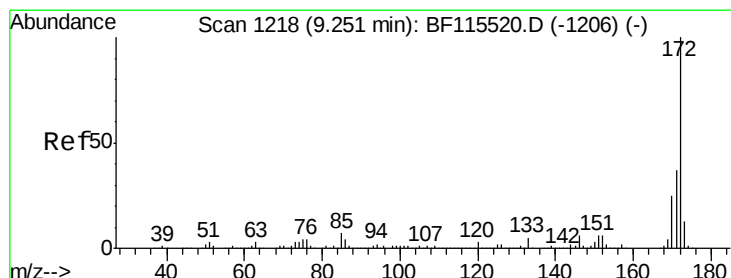
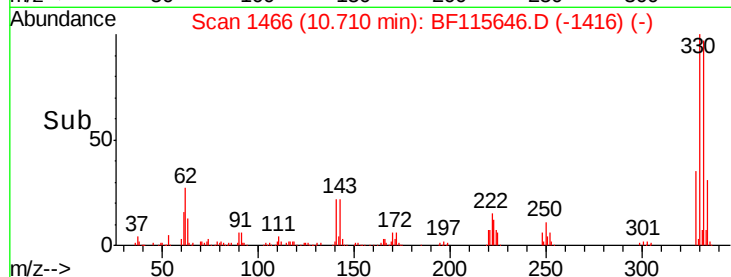
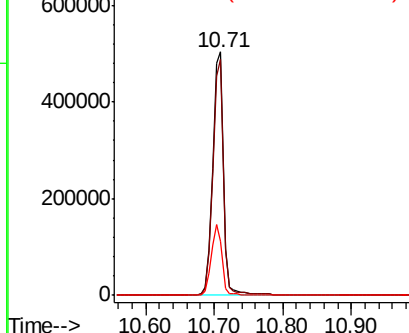
#42
 2,4,6-Tribromophenol
 Concen: 112.300 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB121479BL

Tot Ion:330 Resp: 542712
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 29.8 22.4 33.6

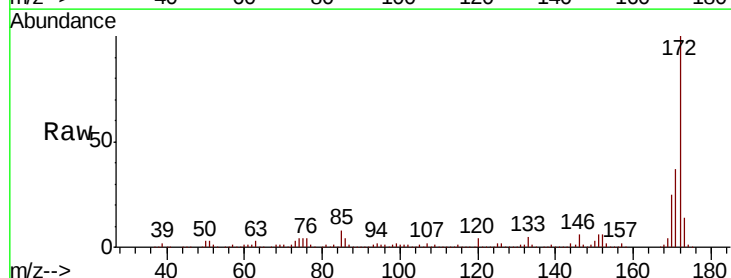


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

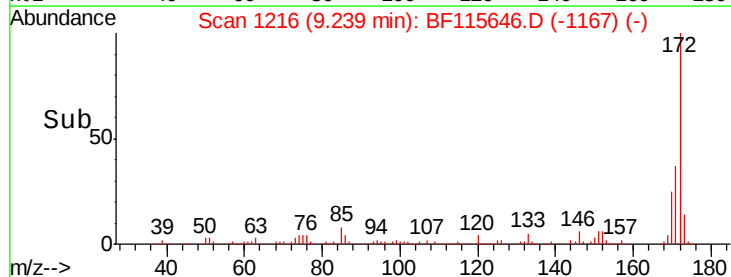
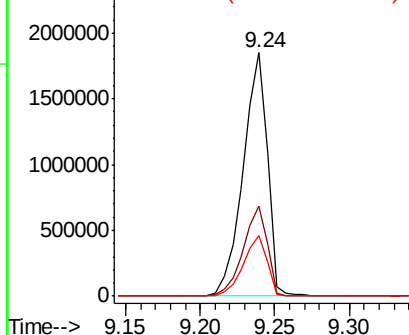


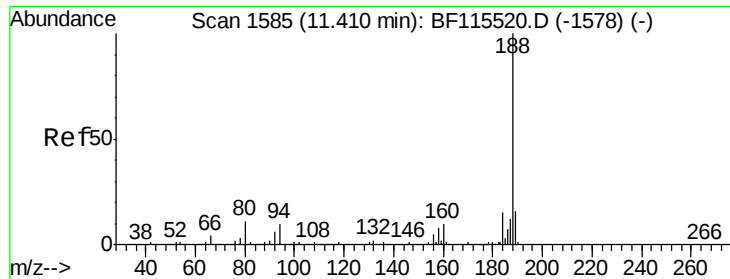
#45
 2-Fluorobiphenyl
 Concen: 88.034 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115646.D
 Acq: 18 Jul 2019 14:05

Tgt Ion:172 Resp: 2082444
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 46.0
 170 25.1 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

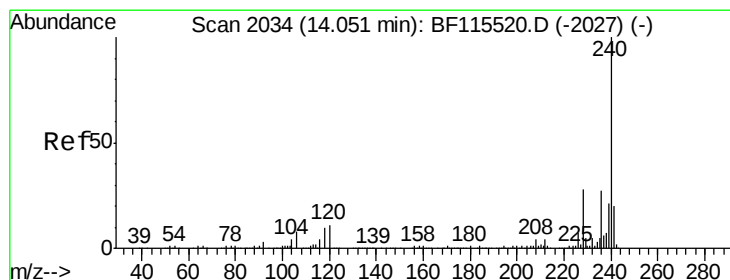
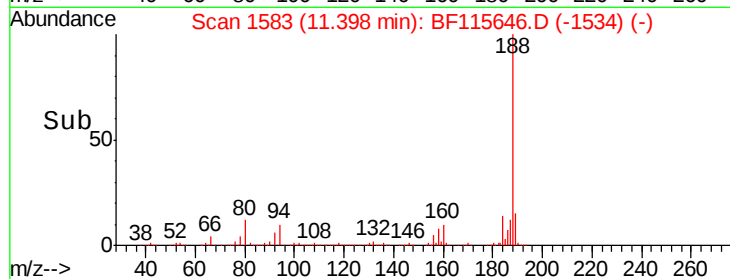
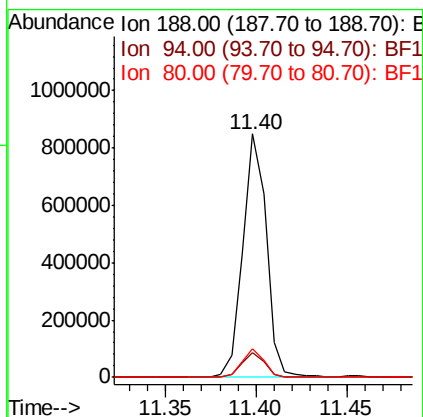
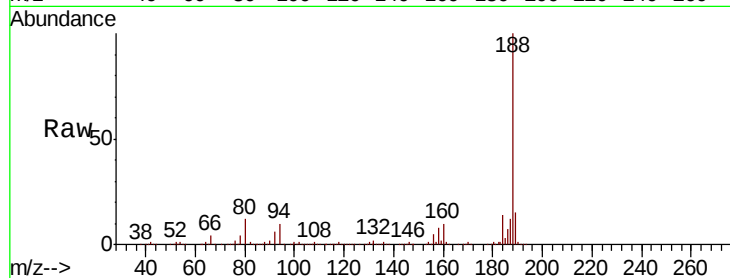




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

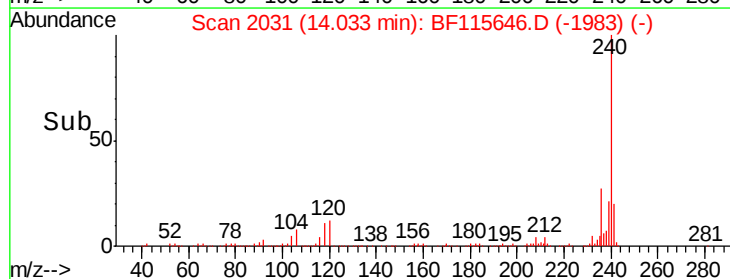
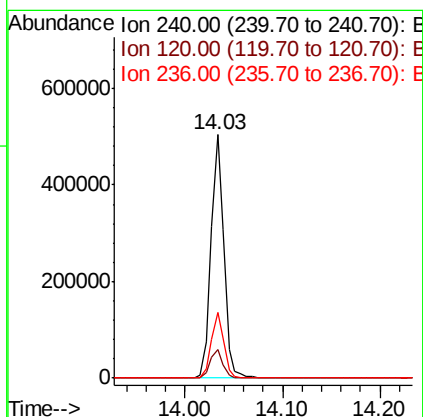
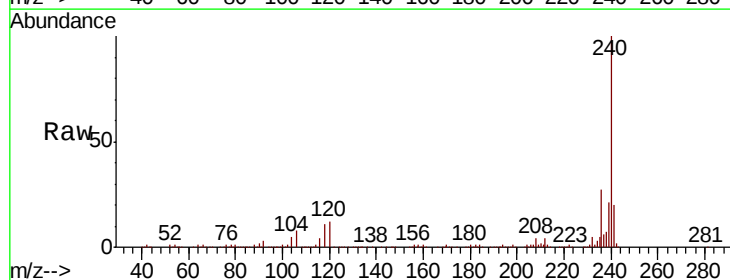
Instrument :
BNA_F
ClientSampleId :
PB121479BL

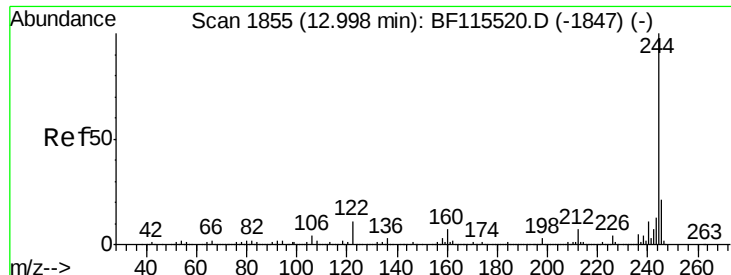
Tot Ion:188 Resp: 767731
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 11.6 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF115646.D
Acq: 18 Jul 2019 14:05

Tgt Ion:240 Resp: 461933
Ion Ratio Lower Upper
240 100
120 11.8 8.6 13.0
236 27.1 21.3 31.9





#79

Terphenyl-d14

Concen: 88.473 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

Instrument :

BNA_F

ClientSampleId :

PB121479BL

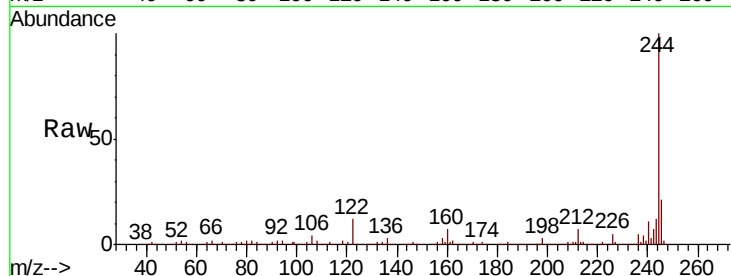
Tot Ion:244 Resp: 2214886

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

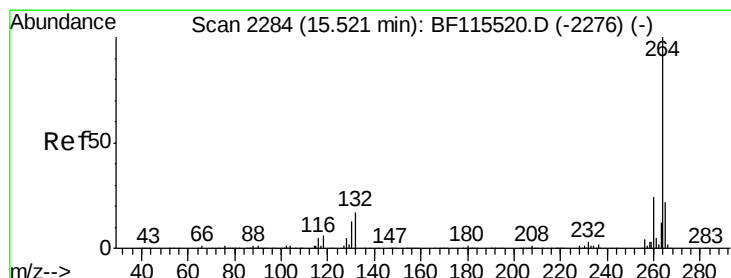
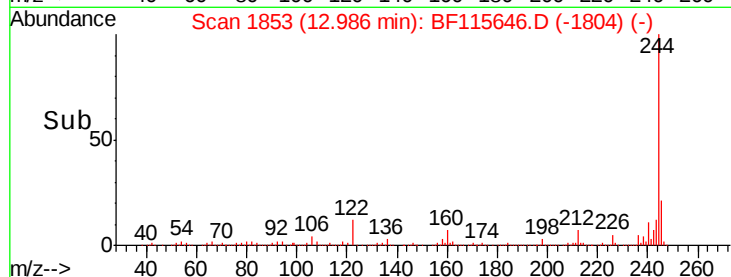
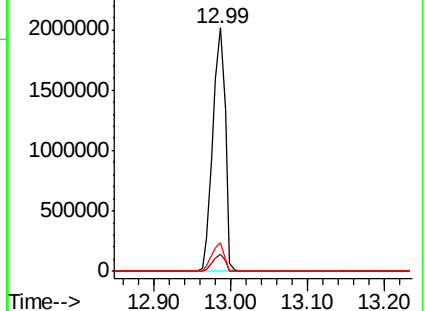
122 11.5 8.6 12.8



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# 2280

Delta R.T. -0.02 min

Lab File: BF115646.D

Acq: 18 Jul 2019 14:05

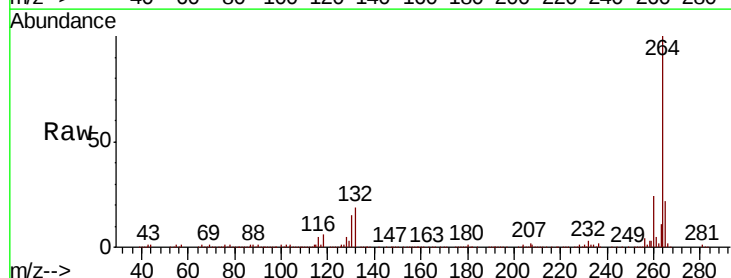
Tgt Ion:264 Resp: 408617

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.8

265 22.0 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

