

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115541.D
 Acq On : 12 Jul 2019 21:59
 Operator : HP/JU
 Sample : K3621-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-A

Quant Time: Jul 13 03:19:16 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	155813	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	574760	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	266785	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	440569	20.00	ng	0.00
76) Chrysene-d12	14.04	240	324399	20.00	ng	-0.01
87) Perylene-d12	15.52	264	352717	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1061246	111.41	ng	0.02
7) Phenol-d6	6.52	99	1209373	100.06	ng	0.00
23) Nitrobenzene-d5	7.45	82	963837	97.51	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	392632	126.08	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1701257	111.61	ng	0.00
79) Terphenyl-d14	12.99	244	1522569	86.60	ng	0.00

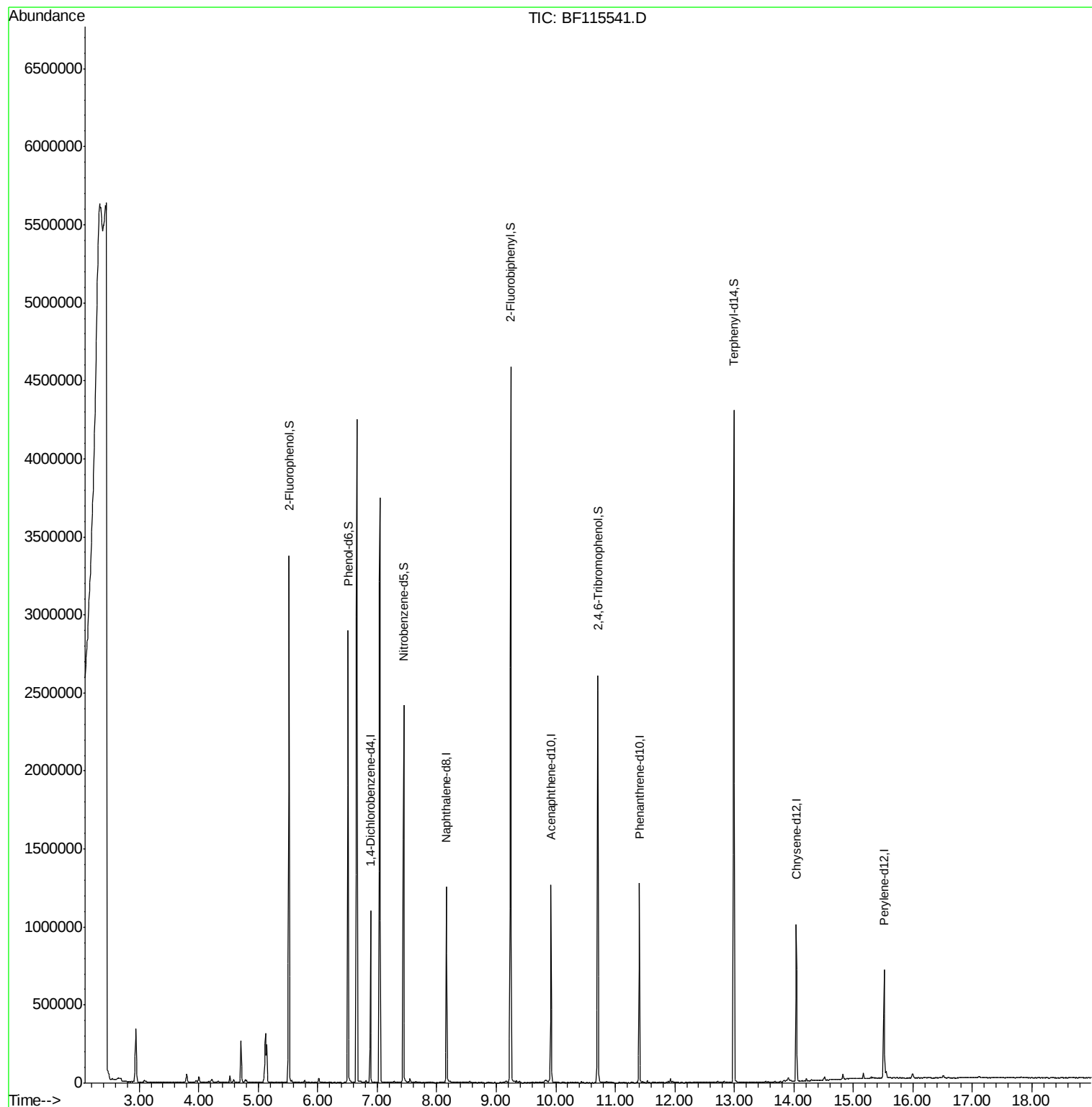
Target Compounds Qvalue

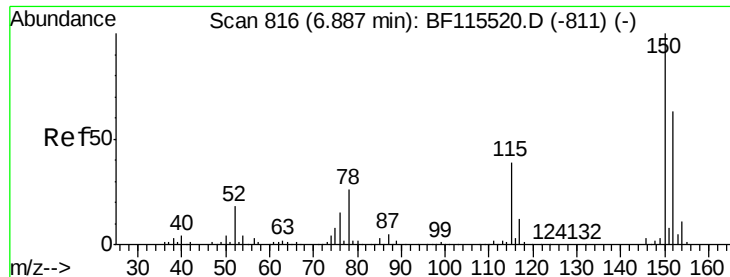
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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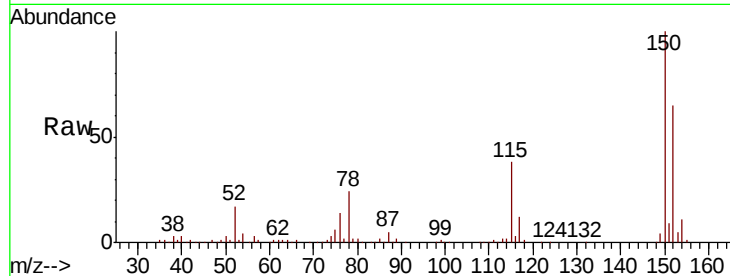


#1

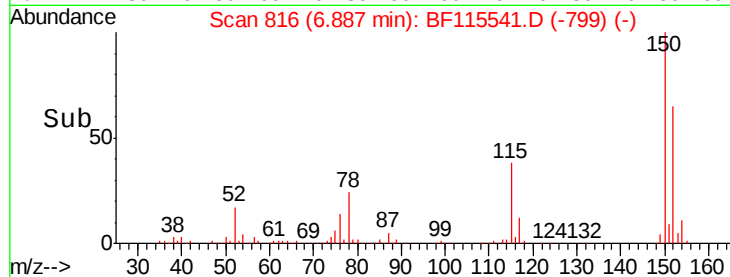
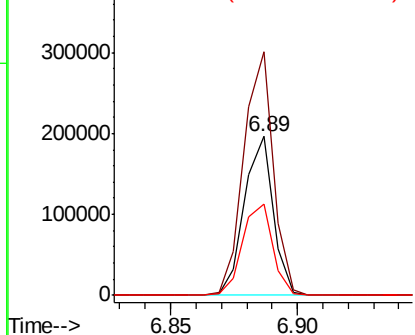
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF115541.D
 Acq: 12 Jul 2019 21:59

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071019-A

Tot Ion:152 Resp: 155813
 Ion Ratio Lower Upper
 152 100
 150 153.3 129.7 194.5
 115 57.6 48.2 72.4



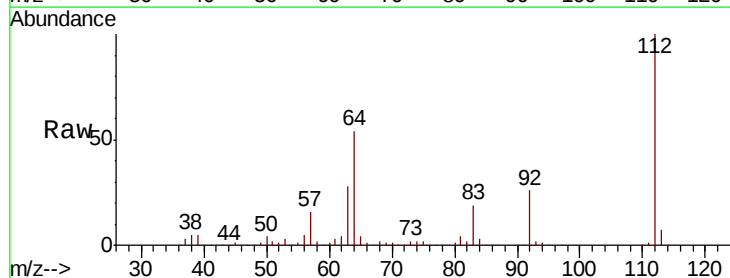
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



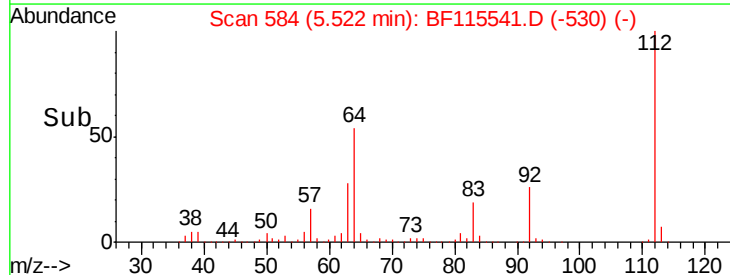
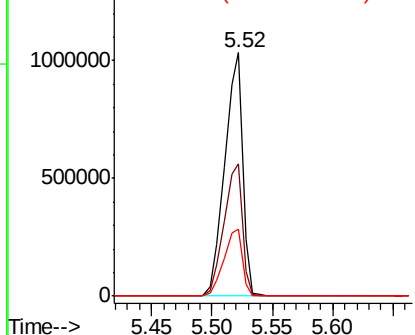
#5

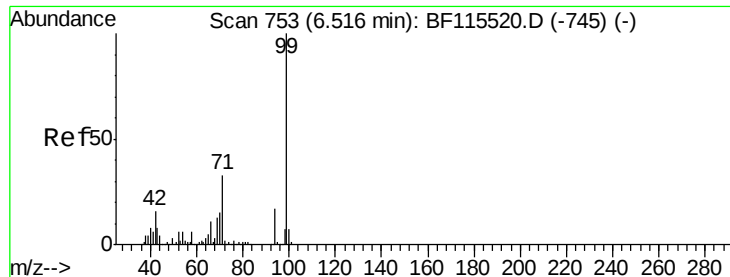
2-Fluorophenol
 Concen: 111.409 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: BF115541.D
 Acq: 12 Jul 2019 21:59

Tgt Ion:112 Resp: 1061246
 Ion Ratio Lower Upper
 112 100
 64 54.2 46.8 70.2
 63 27.7 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: 100.055 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-A

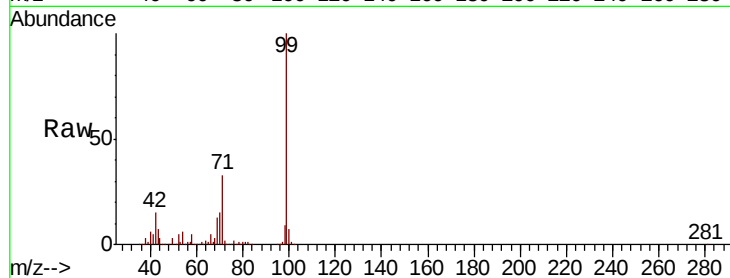
Tot Ion: 99 Resp: 1209373

Ion Ratio Lower Upper

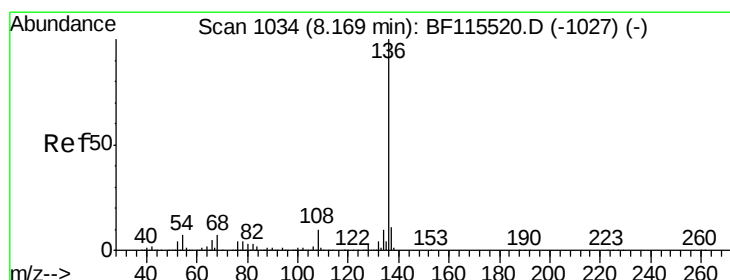
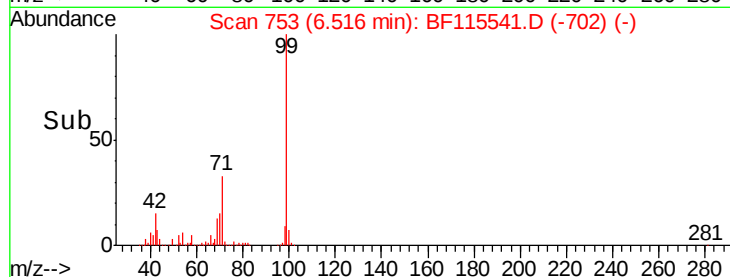
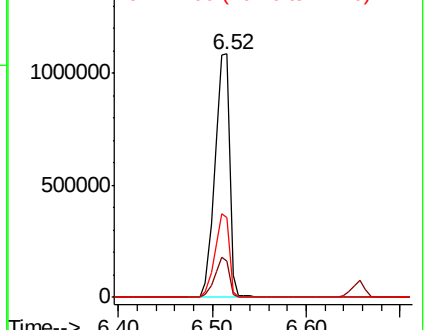
99 100

42 14.7 13.6 20.4

71 32.6 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: BF115541.D

Acq: 12 Jul 2019 21:59

Tgt Ion: 136 Resp: 574760

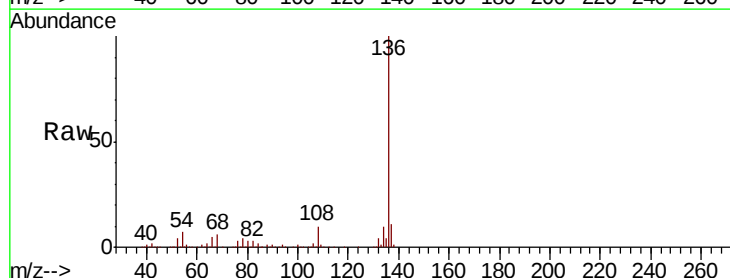
Ion Ratio Lower Upper

136 100

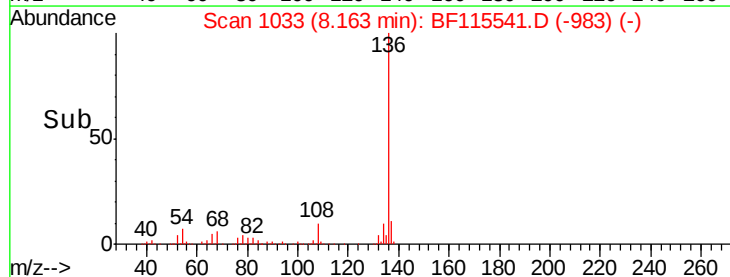
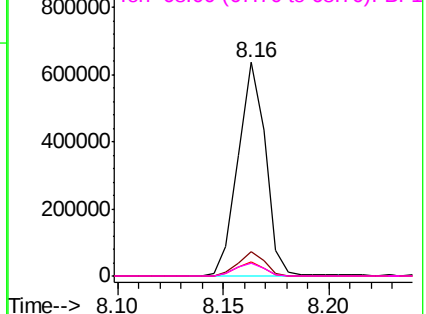
137 11.1 9.0 13.4

54 6.7 5.6 8.4

68 6.3 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

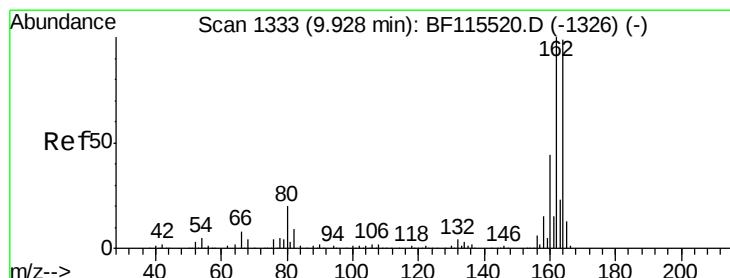
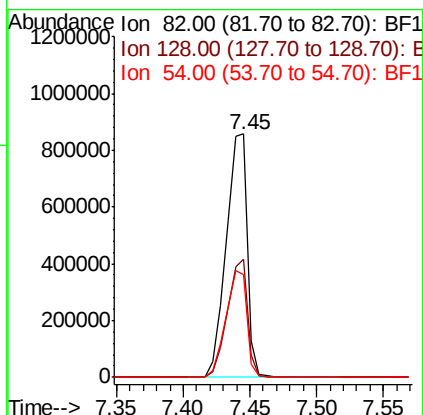
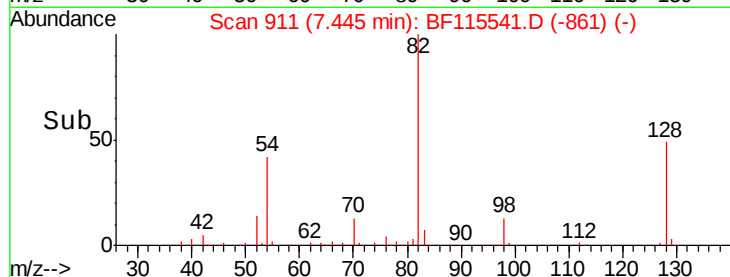
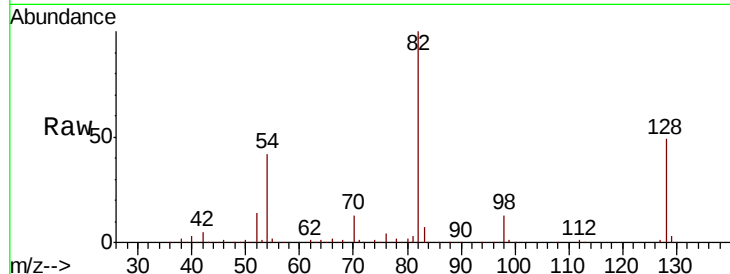




#23
Nitrobenzene-d5
Concen: 97.508 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115541.D
Acq: 12 Jul 2019 21:59

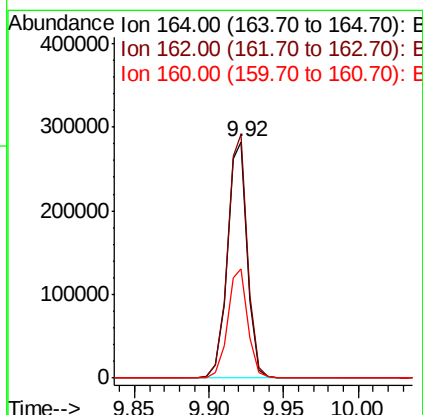
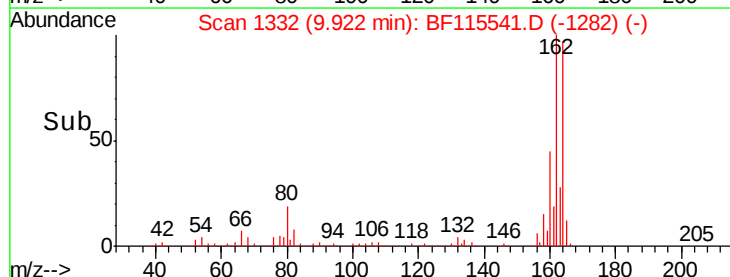
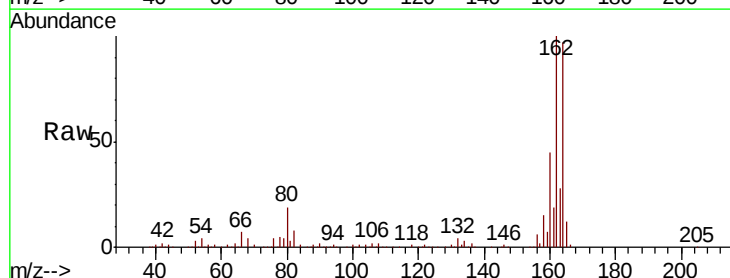
Instrument :
BNA_F
ClientSampleId :
OK-03-071019-A

Tot Ion	82	Resp	963837
Ion Ratio	100	Lower	Upper
128	48.6	38.6	57.8
54	42.1	35.6	53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115541.D
Acq: 12 Jul 2019 21:59

Tgt Ion	164	Resp	266785
Ion Ratio	100	Lower	Upper
162	103.1	82.9	124.3
160	46.3	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 126.085 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-A

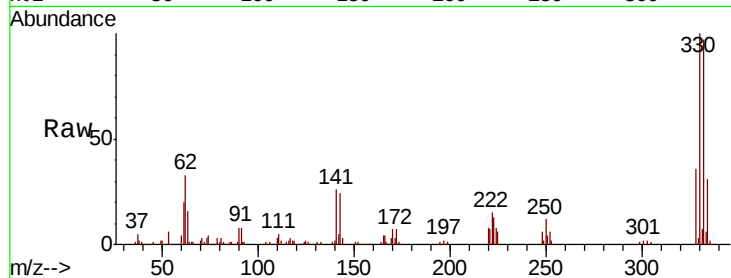
Tot Ion:330 Resp: 392632

Ion Ratio Lower Upper

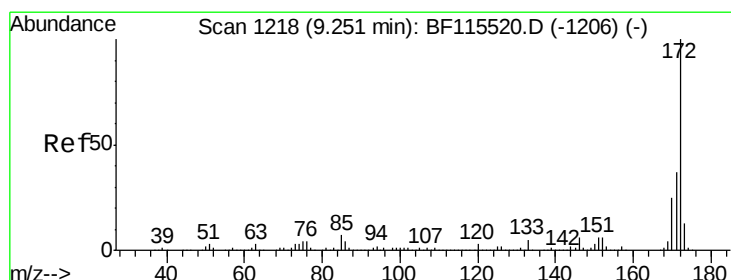
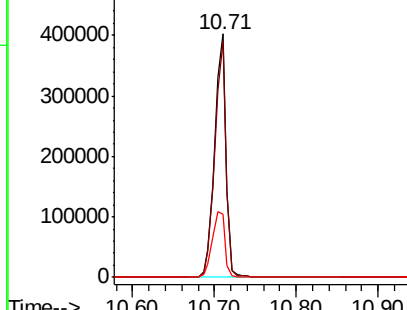
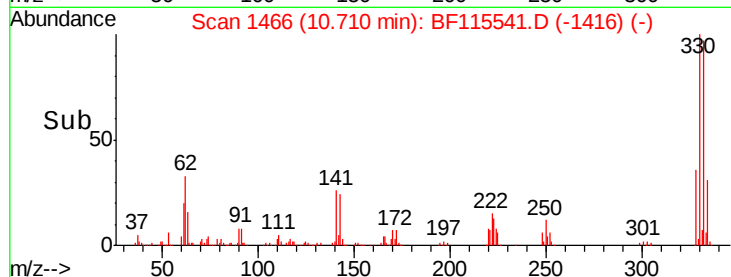
330 100

332 96.1 77.4 116.2

141 29.9 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: 111.614 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

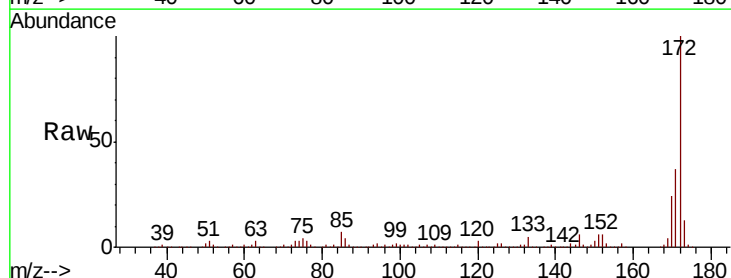
Tgt Ion:172 Resp: 1701257

Ion Ratio Lower Upper

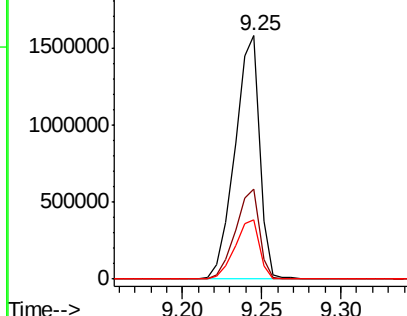
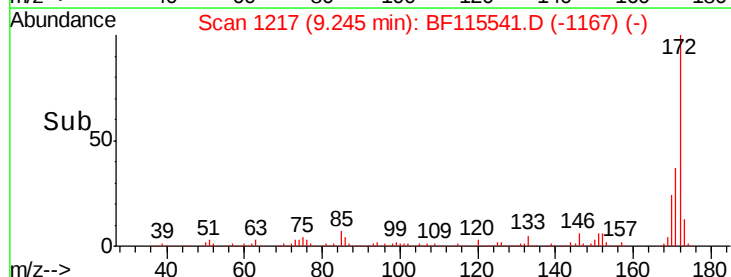
172 100

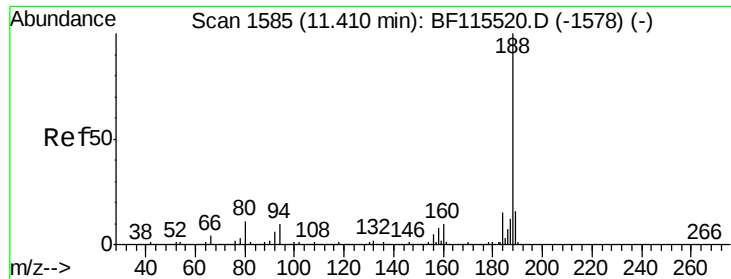
171 36.7 30.6 46.0

170 24.5 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# 1584

Delta R.T. -0.01 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-A

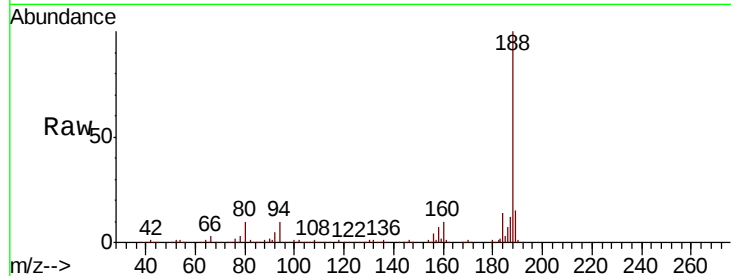
Tot Ion:188 Resp: 440569

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

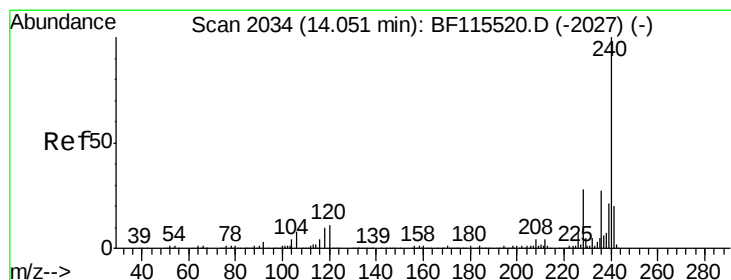
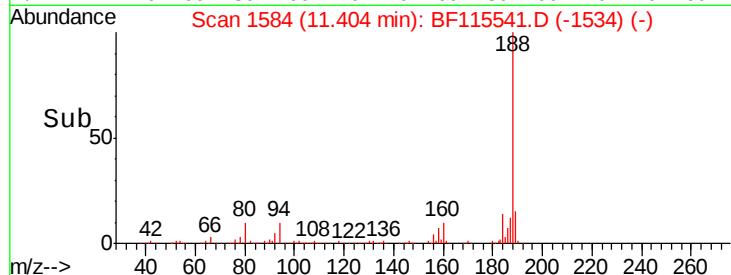
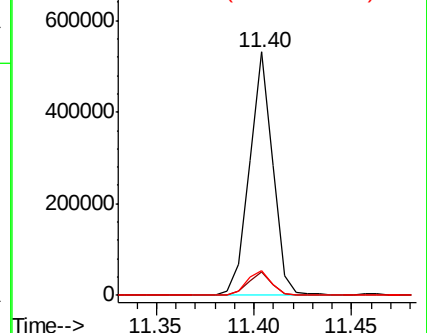
80 10.1 8.6 13.0



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

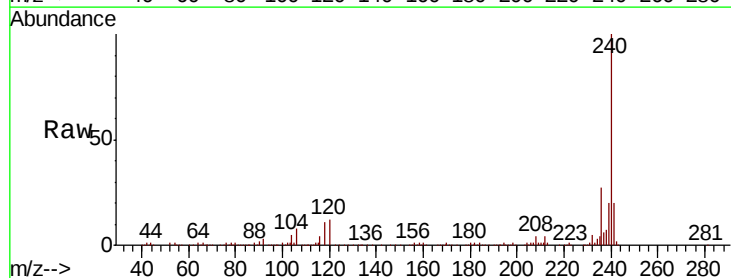
Tgt Ion:240 Resp: 324399

Ion Ratio Lower Upper

240 100

120 12.0 8.6 13.0

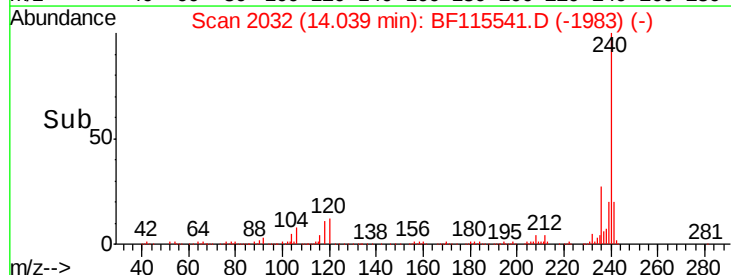
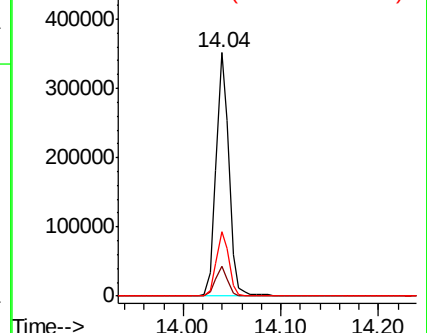
236 26.6 21.3 31.9

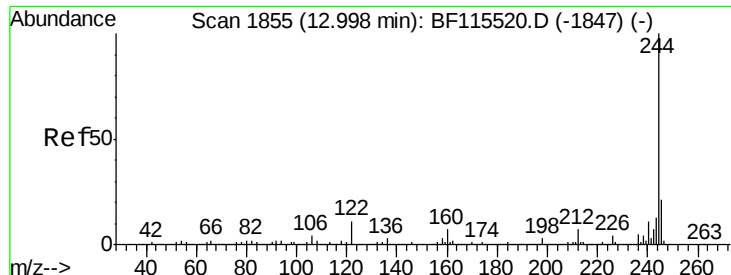


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.603 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

Instrument :

BNA_F

ClientSampleId :

OK-03-071019-A

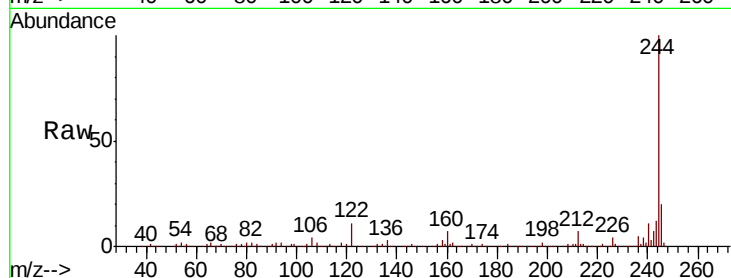
Tot Ion:244 Resp: 1522569

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

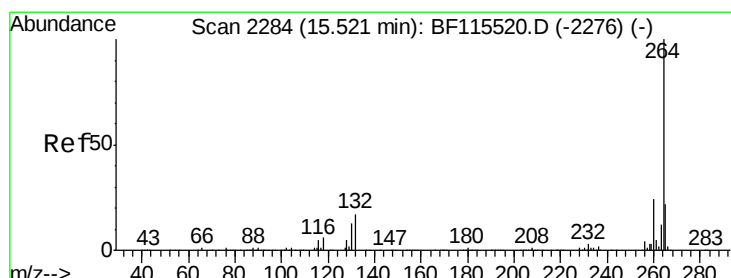
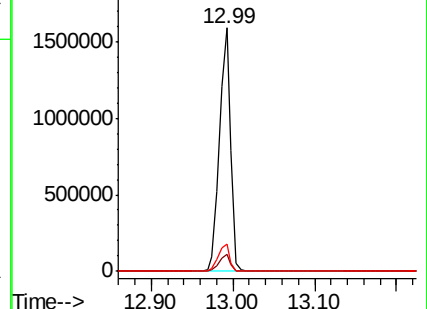
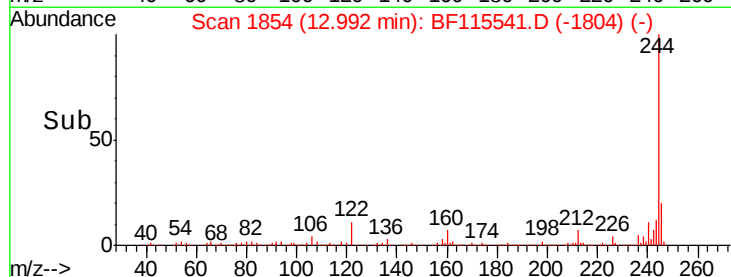
122 11.4 8.6 12.8



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115541.D

Acq: 12 Jul 2019 21:59

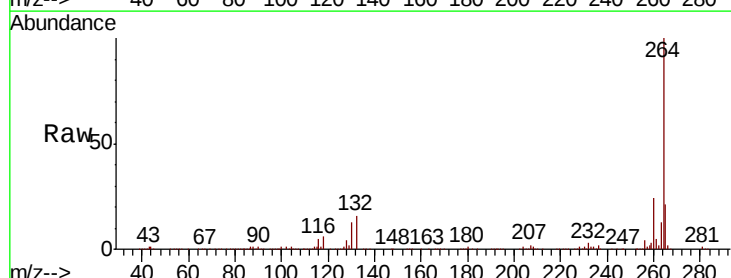
Tgt Ion:264 Resp: 352717

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.8

265 21.3 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

