

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115496.D
 Acq On : 11 Jul 2019 12:48
 Operator : HP/JU
 Sample : PB121224BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121224BL

Quant Time: Jul 12 03:53:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184836	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	724984	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	363369	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	706496	20.00	ng	0.00
76) Chrysene-d12	14.05	240	504521	20.00	ng	-0.02
87) Perylene-d12	15.53	264	451457	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1386780	115.92	ng	0.01
7) Phenol-d6	6.53	99	1784983	117.32	ng	0.00
23) Nitrobenzene-d5	7.46	82	1161895	94.69	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	532532	132.55	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2005628	96.85	ng	0.00
79) Terphenyl-d14	13.01	244	2267572	92.03	ng	0.00

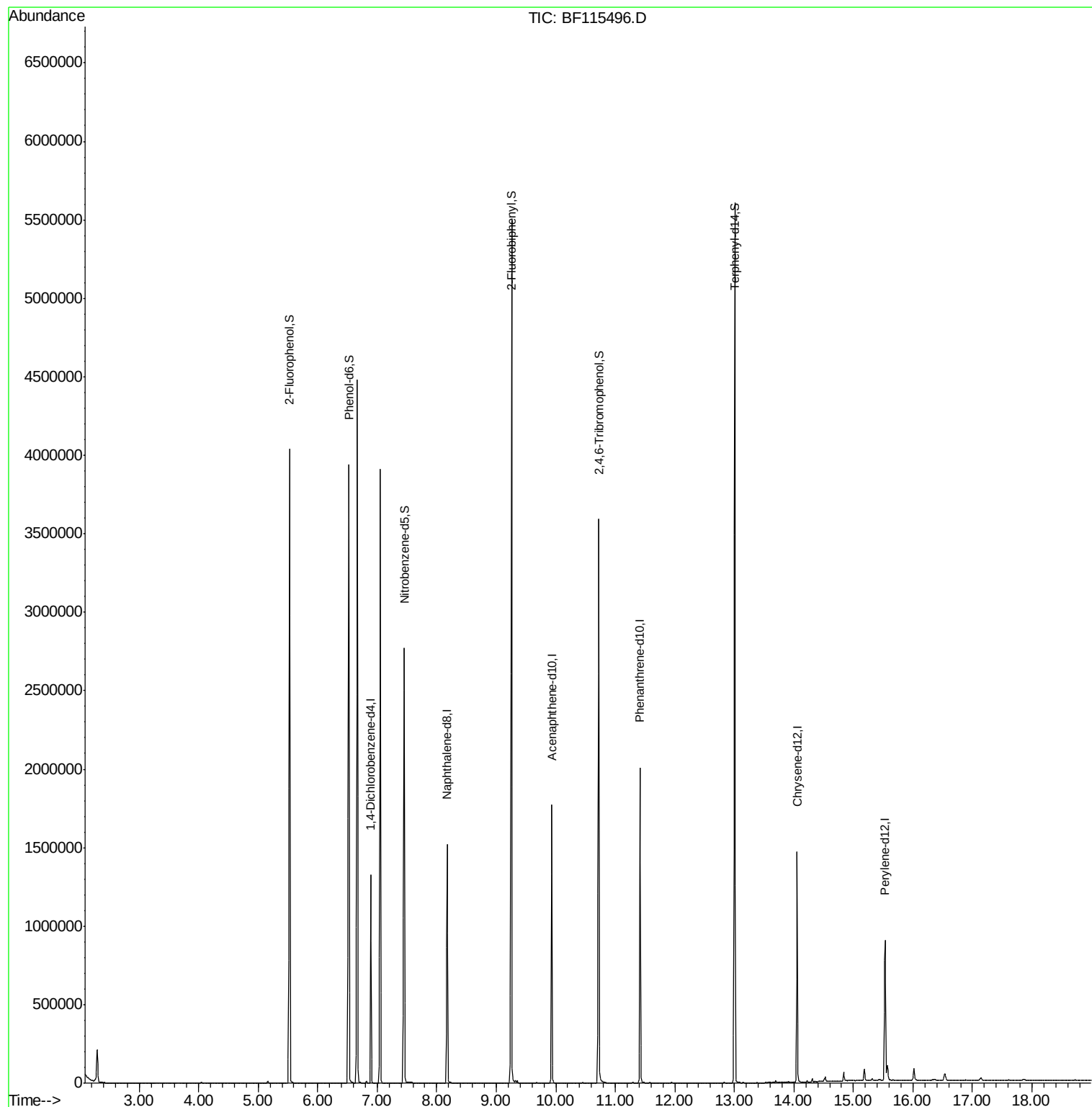
Target Compounds Qvalue

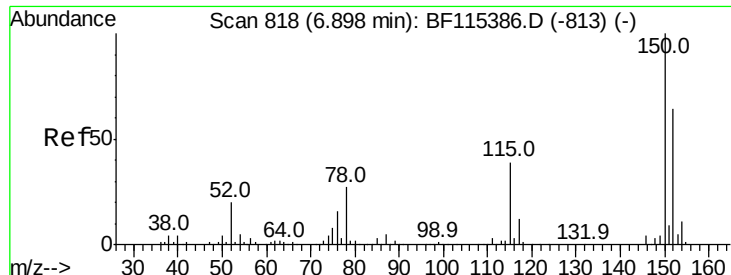
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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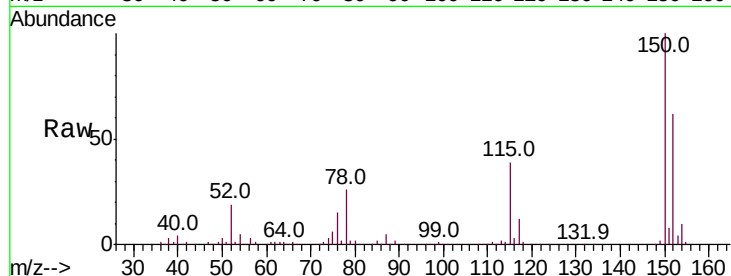


#1

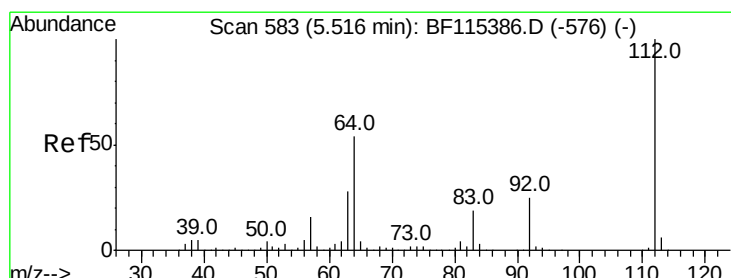
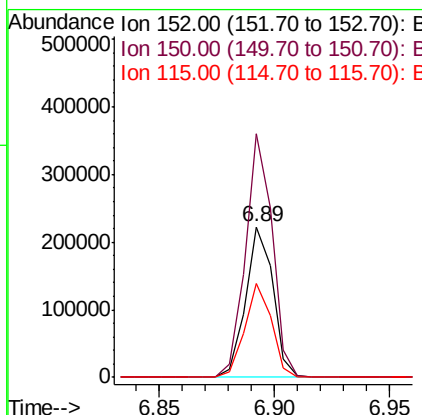
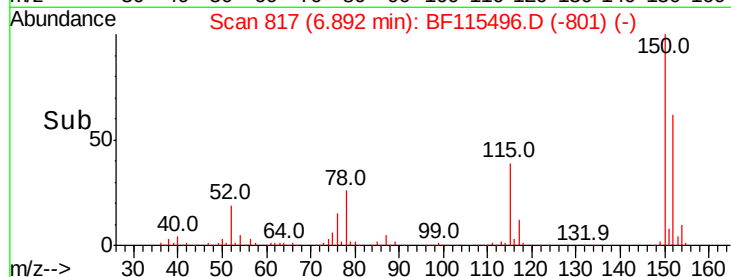
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115496.D
Acq: 11 Jul 2019 12:48

Instrument :
BNA_F
ClientSampleId :
PB121224BL

Tot Ion:152 Resp: 184836
Ion Ratio Lower Upper
152 100
150 161.6 127.4 191.2
115 62.4 46.2 69.4



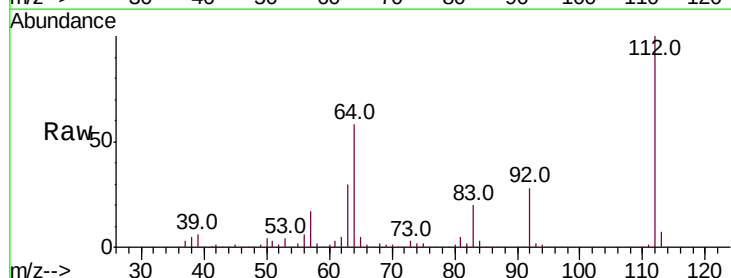
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



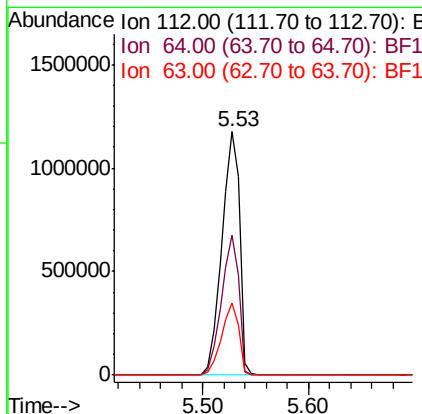
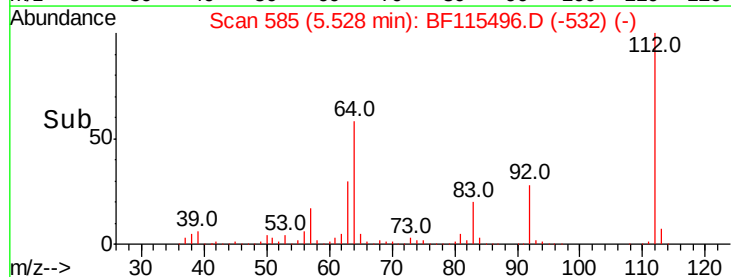
#5

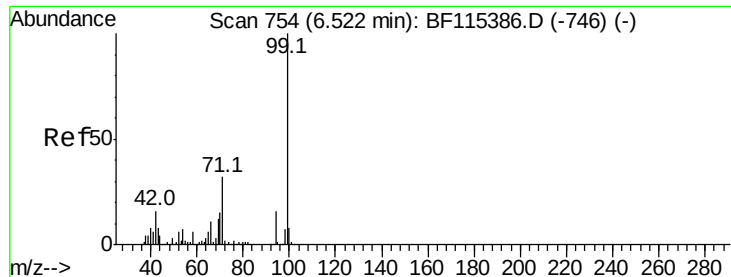
2-Fluorophenol
Concen: 115.920 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF115496.D
Acq: 11 Jul 2019 12:48

Tgt Ion:112 Resp: 1386780
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 29.8 22.1 33.1



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: 117.319 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Instrument :

BNA_F

ClientSampleId :

PB121224BL

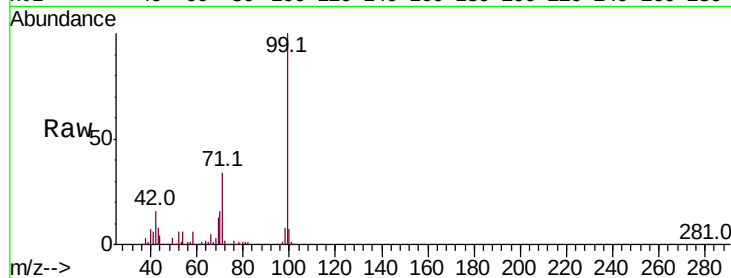
Tot Ion: 99 Resp: 1784983

Ion Ratio Lower Upper

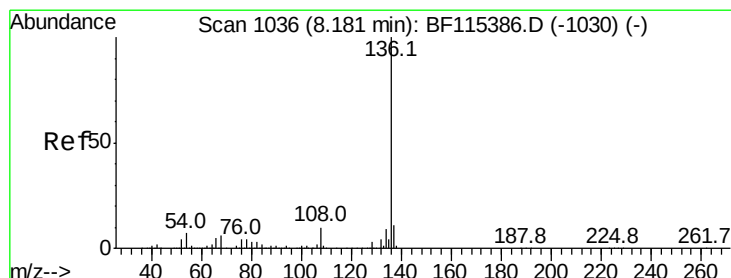
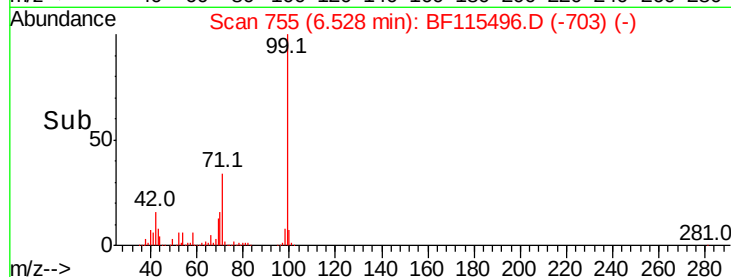
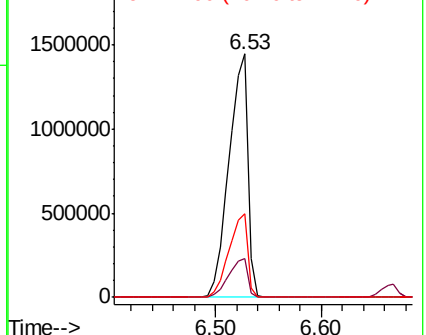
99 100

42 15.9 12.8 19.2

71 34.5 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 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: BF115496.D

Acq: 11 Jul 2019 12:48

Tgt Ion: 136 Resp: 724984

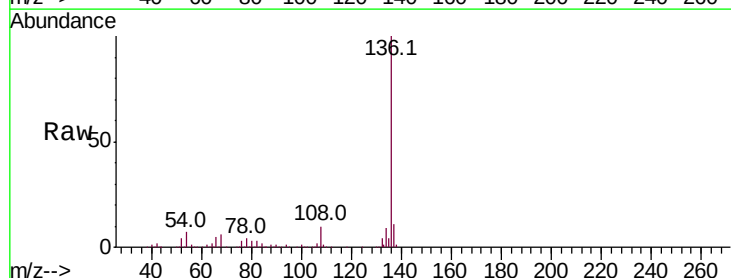
Ion Ratio Lower Upper

136 100

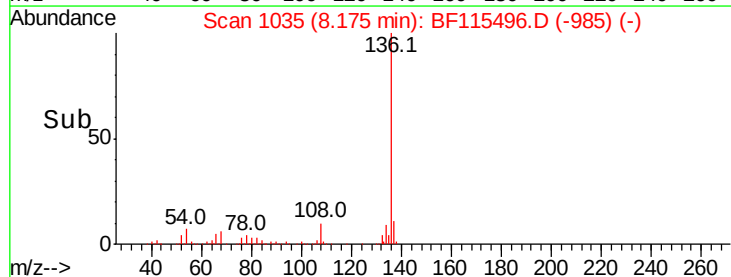
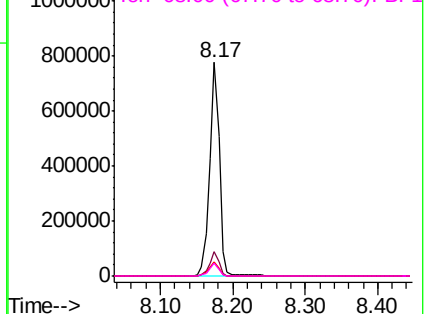
137 11.2 8.8 13.2

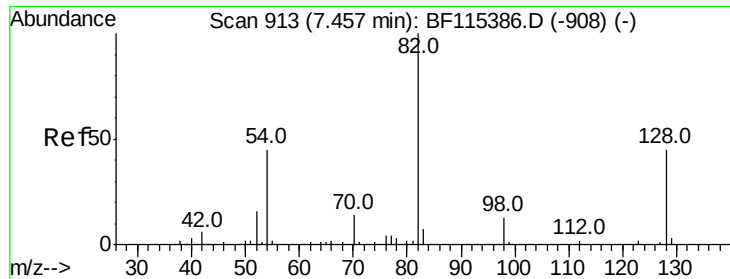
54 6.7 5.4 8.0

68 6.0 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
1200000 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

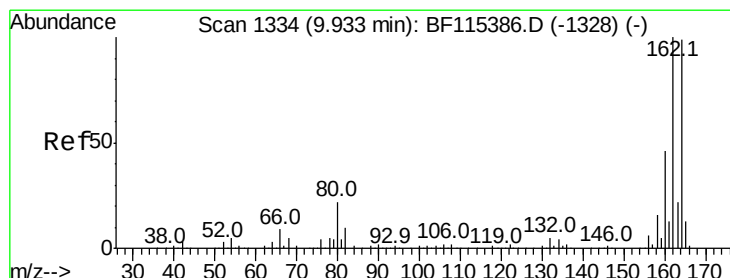
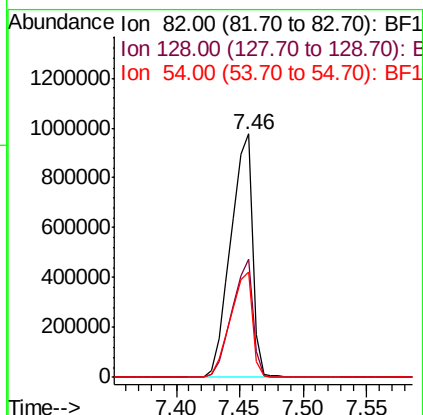
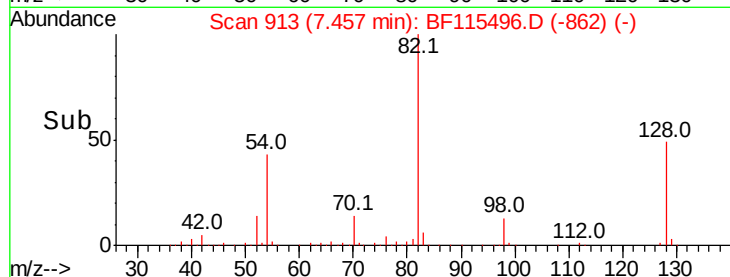
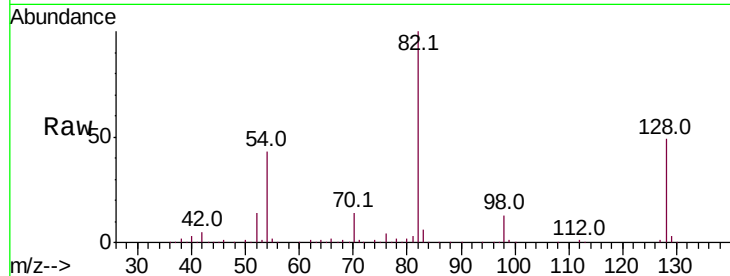




#23
Nitrobenzene-d5
Concen: 94.690 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115496.D
Acq: 11 Jul 2019 12:48

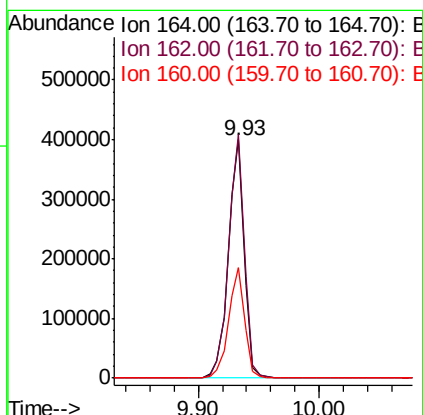
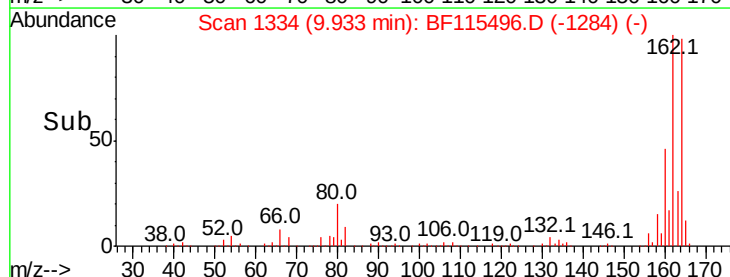
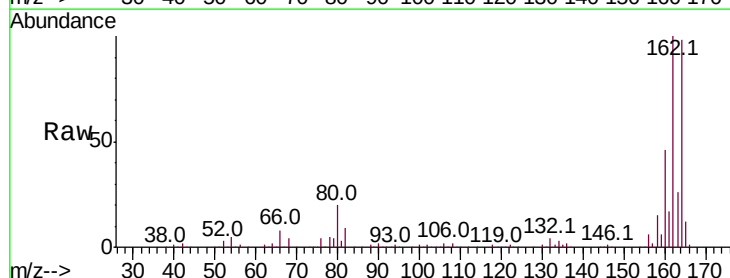
Instrument :
BNA_F
ClientSampleId :
PB121224BL

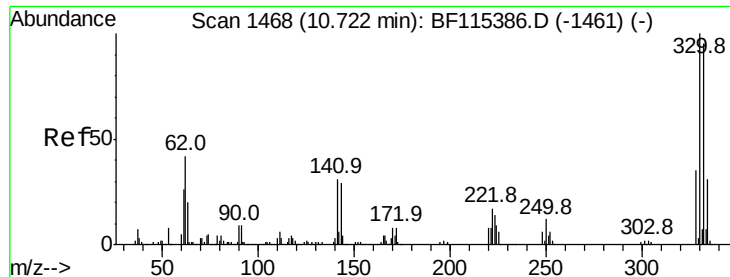
Tot Ion: 82 Resp: 1161895
Ion Ratio Lower Upper
82 100
128 48.8 36.7 55.1
54 43.0 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115496.D
Acq: 11 Jul 2019 12:48

Tgt Ion:164 Resp: 363369
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 46.7 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 132.548 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Instrument :

BNA_F

ClientSampleId :

PB121224BL

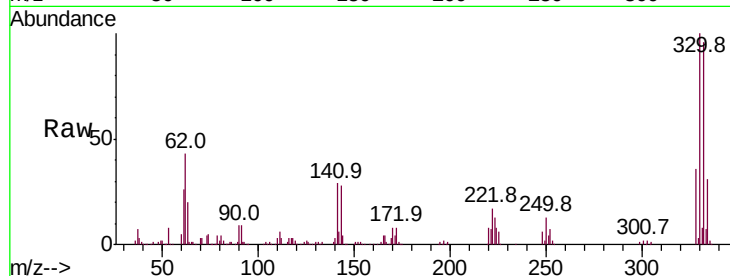
Tot Ion:330 Resp: 532532

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

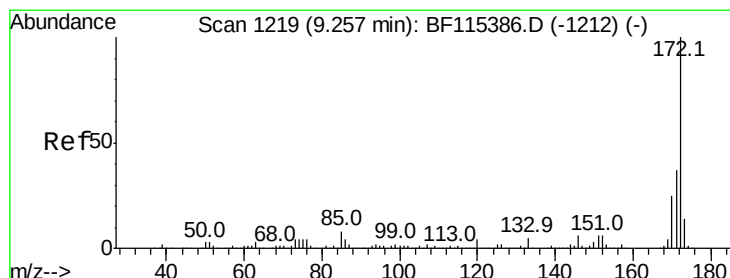
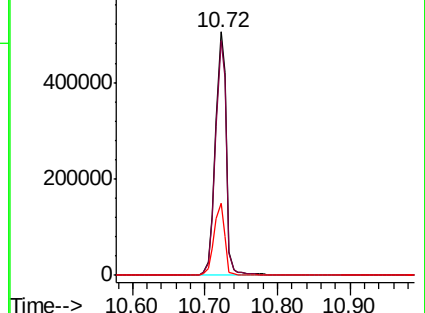
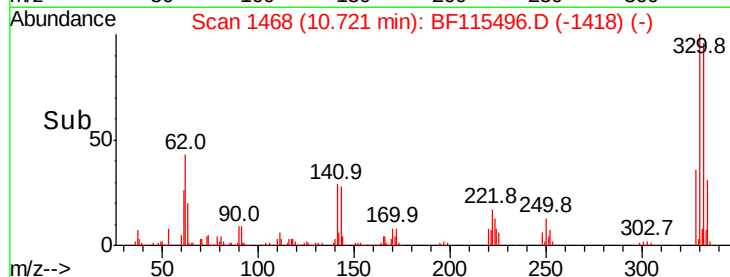
141 29.4 24.7 37.1



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: 96.854 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

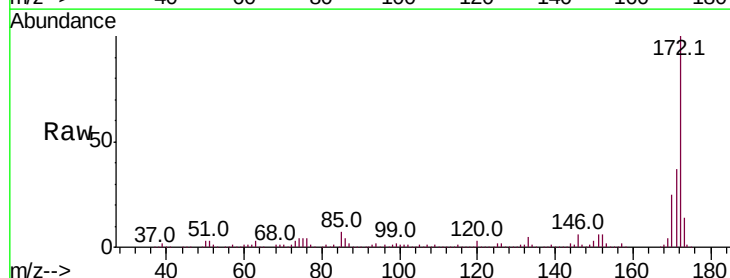
Tgt Ion:172 Resp: 2005628

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.8

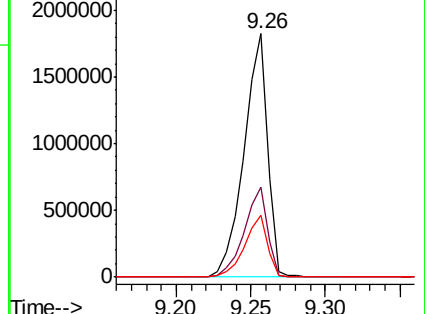
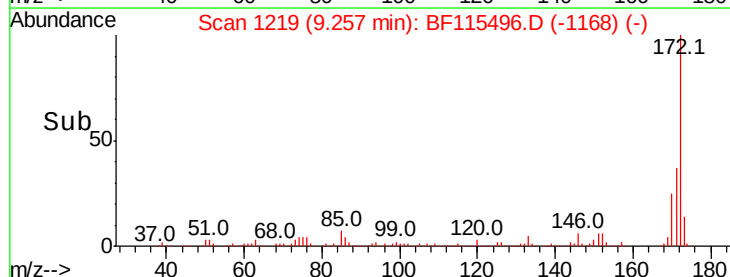
170 25.3 20.0 30.0

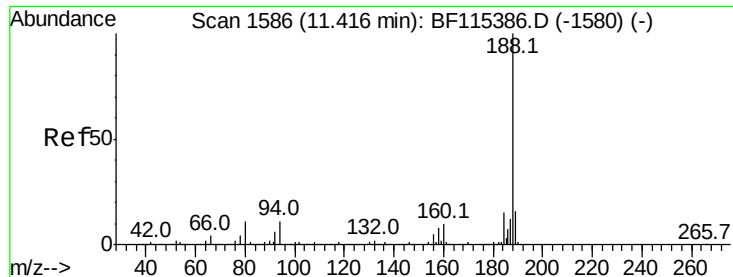


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

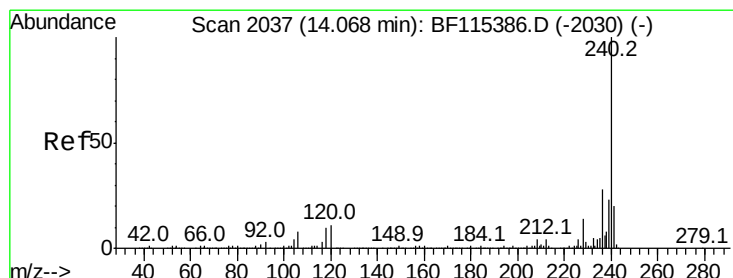
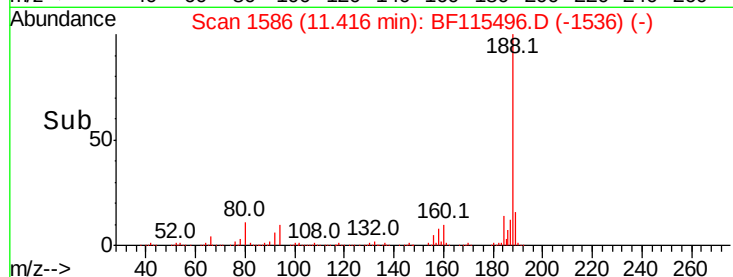
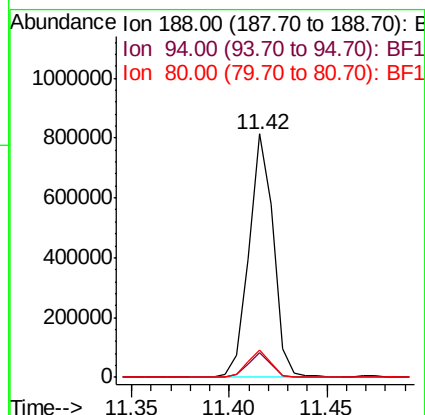
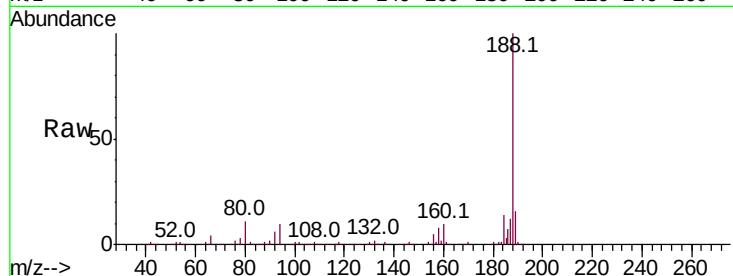




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115496.D
Acq: 11 Jul 2019 12:48

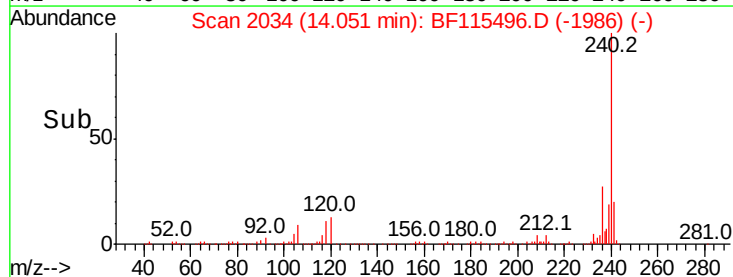
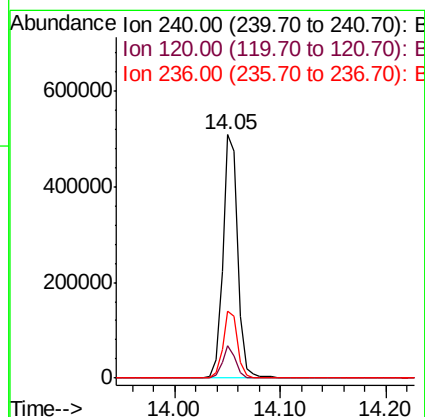
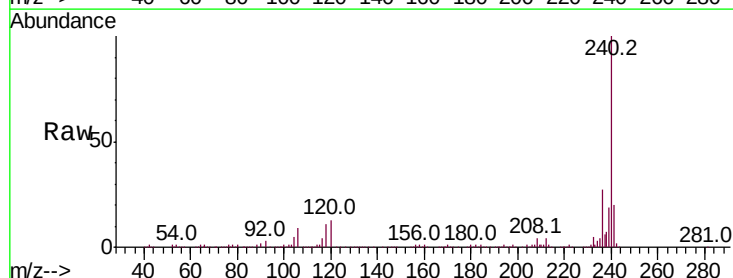
Instrument :
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PB121224BL

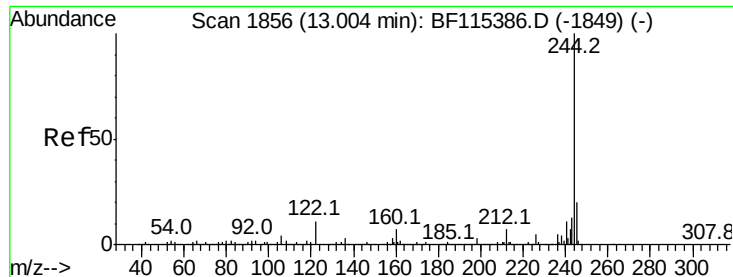
Tot Ion:188 Resp: 706496
Ion Ratio Lower Upper
188 100
94 10.4 7.8 11.8
80 11.2 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115496.D
Acq: 11 Jul 2019 12:48

Tgt Ion:240 Resp: 504521
Ion Ratio Lower Upper
240 100
120 13.2 10.2 15.4
236 27.4 21.1 31.7





#79

Terphenyl-d14

Concen: 92.025 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Instrument :

BNA_F

ClientSampleID :

PB121224BL

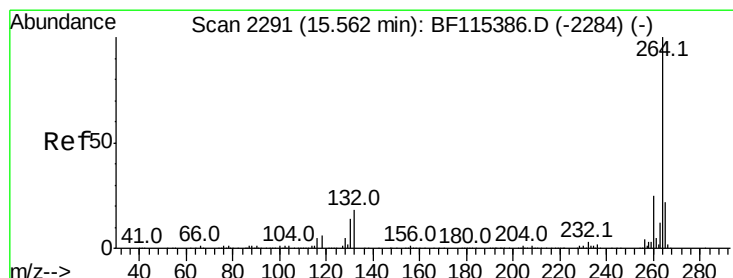
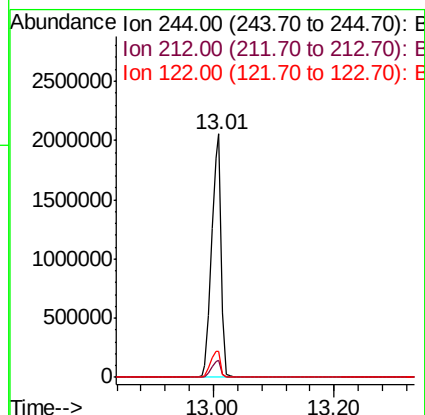
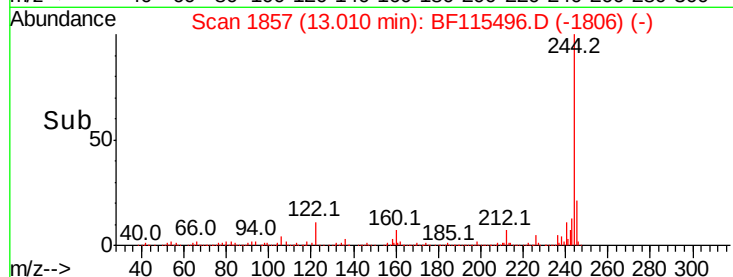
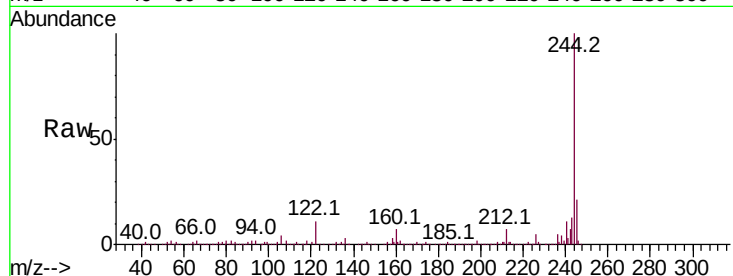
Tot Ion:244 Resp: 2267572

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.6 9.1 13.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.03 min

Lab File: BF115496.D

Acq: 11 Jul 2019 12:48

Tgt Ion:264 Resp: 451457

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.8 17.8 26.6

