

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115494.D
 Acq On : 11 Jul 2019 11:44
 Operator : HP/JU
 Sample : PB121170BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121170BL

Quant Time: Jul 12 03:43:23 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	189276	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	749804	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	377441	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	731213	20.00	ng	0.00
76) Chrysene-d12	14.06	240	516855	20.00	ng	-0.01
87) Perylene-d12	15.53	264	472586	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1182704	96.54	ng	0.01
7) Phenol-d6	6.52	99	1567265	100.59	ng	0.00
23) Nitrobenzene-d5	7.45	82	991051	78.09	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	452095	108.33	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1748794	81.30	ng	0.00
79) Terphenyl-d14	13.01	244	1945982	77.09	ng	0.00

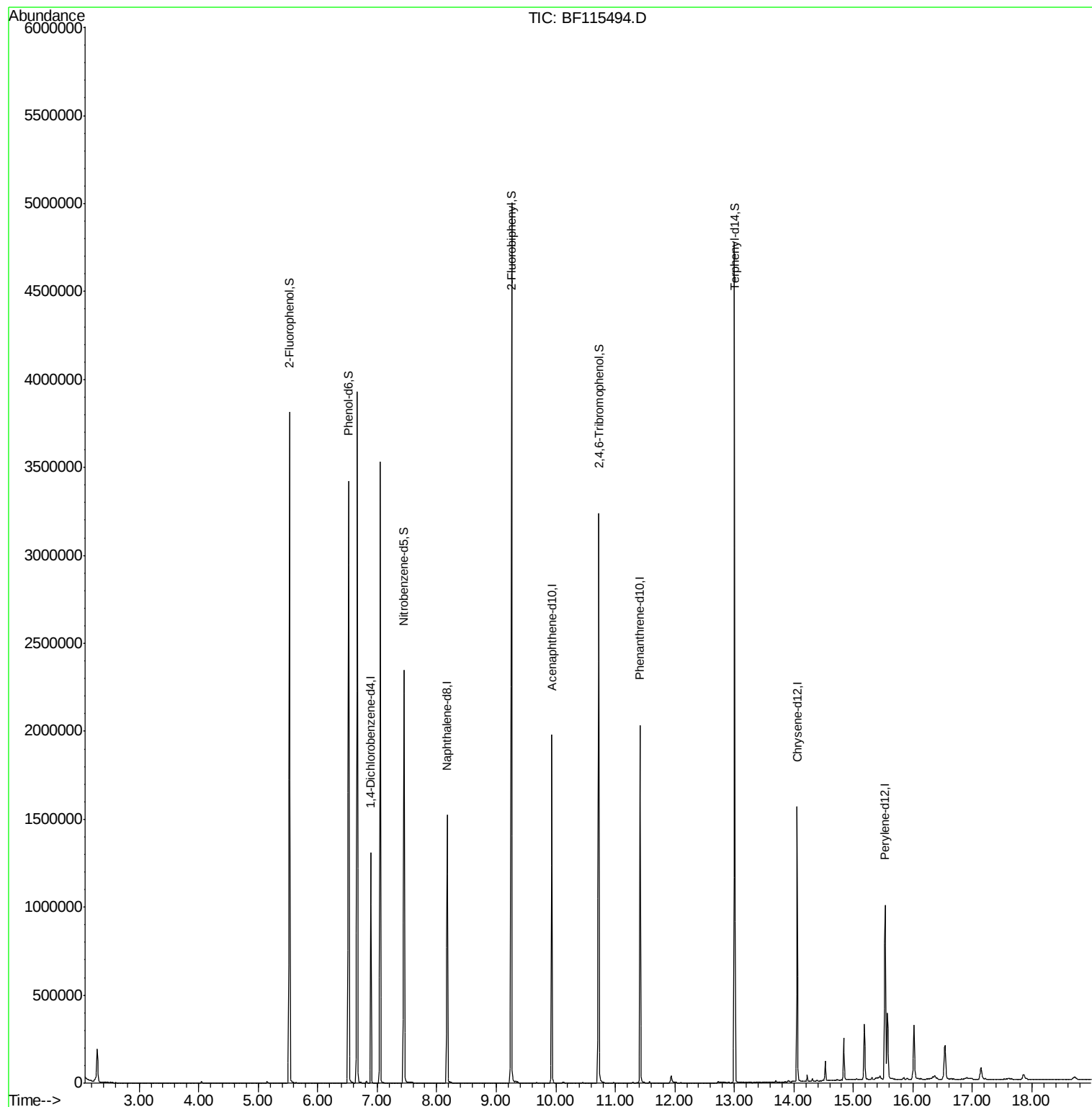
Target Compounds Qvalue

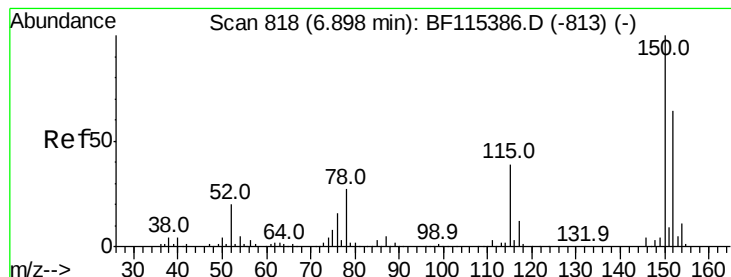
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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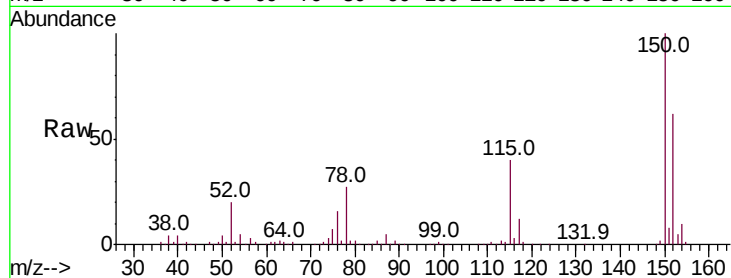


#1

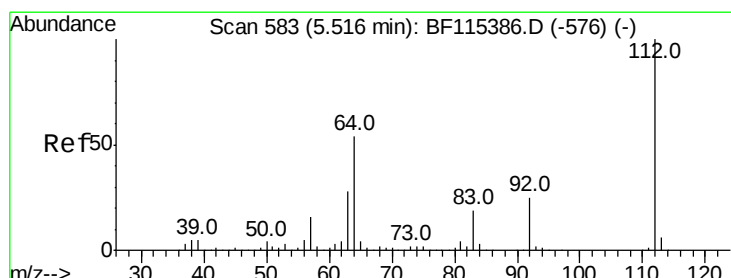
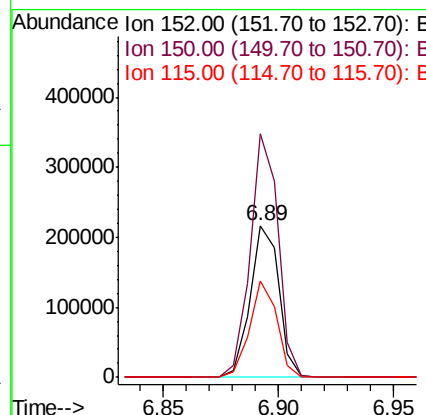
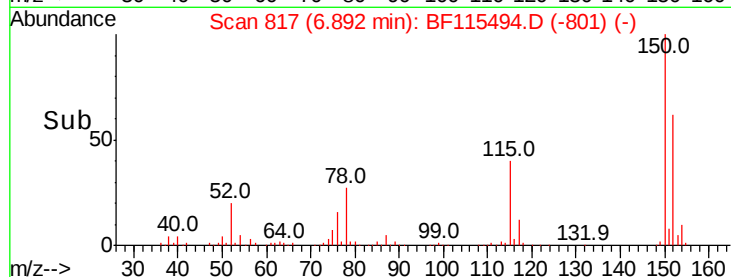
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115494.D
Acq: 11 Jul 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB121170BL

Tot Ion:152 Resp: 189276
Ion Ratio Lower Upper
152 100
150 160.3 127.4 191.2
115 63.8 46.2 69.4



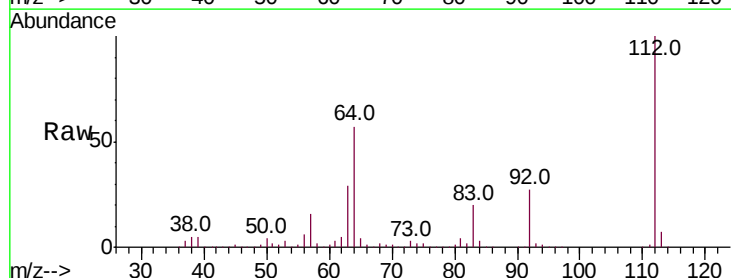
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



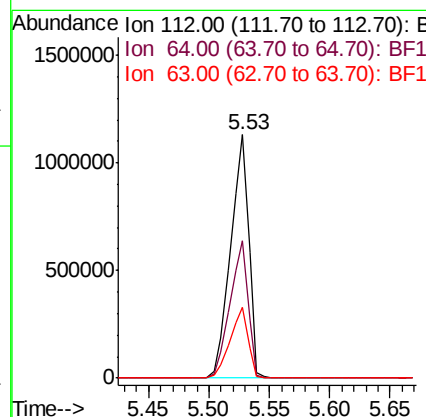
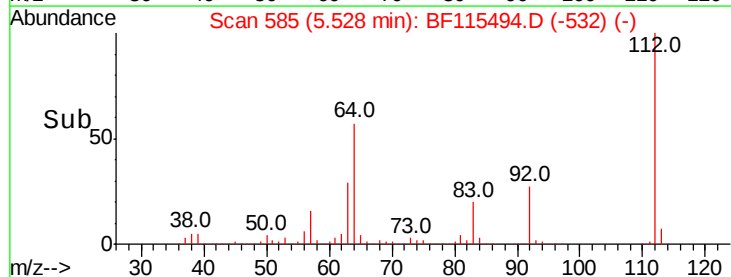
#5

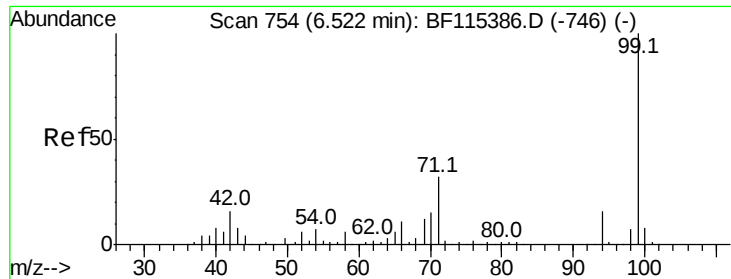
2-Fluorophenol
Concen: 96.542 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF115494.D
Acq: 11 Jul 2019 11:44

Tgt Ion:112 Resp: 1182704
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.2
63 29.3 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: 100.593 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF115494.D

Acq: 11 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121170BL

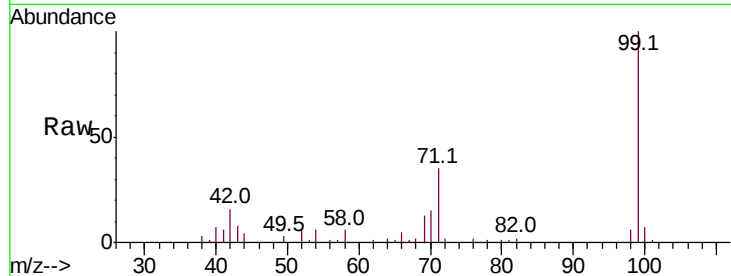
Tot Ion: 99 Resp: 1567265

Ion Ratio Lower Upper

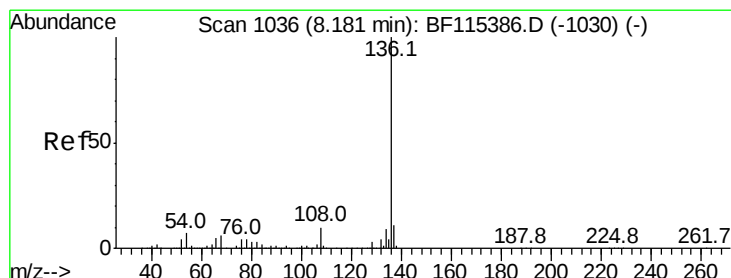
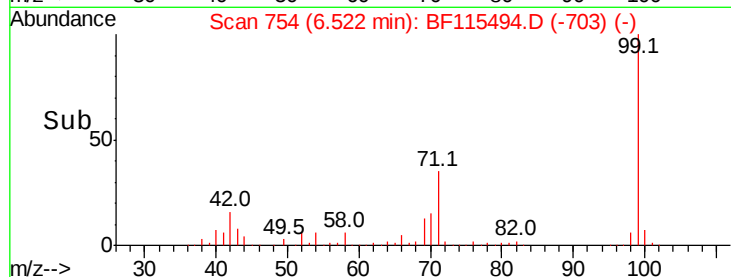
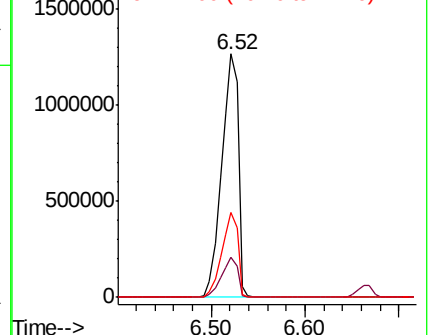
99 100

42 16.3 12.8 19.2

71 34.9 26.5 39.7



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115494.D

Acq: 11 Jul 2019 11:44

Tgt Ion: 136 Resp: 749804

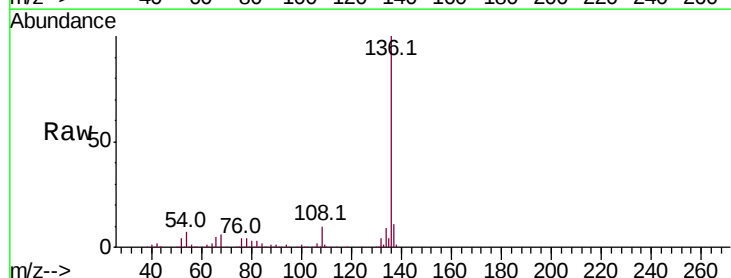
Ion Ratio Lower Upper

136 100

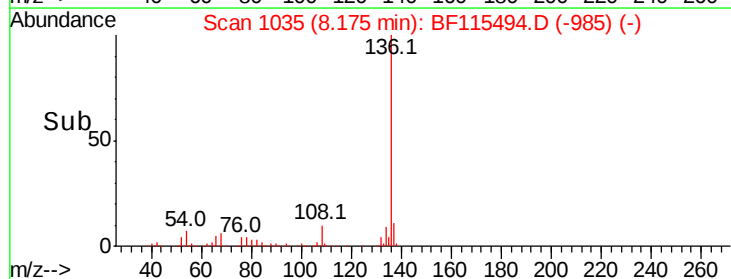
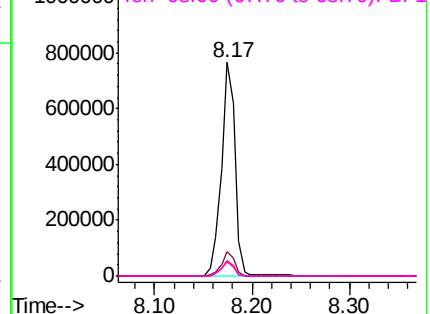
137 11.3 8.8 13.2

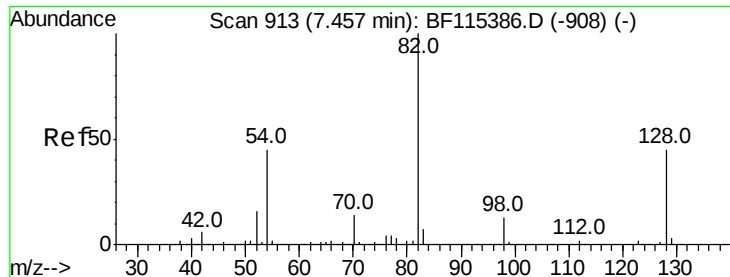
54 7.0 5.4 8.0

68 6.4 4.8 7.2



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

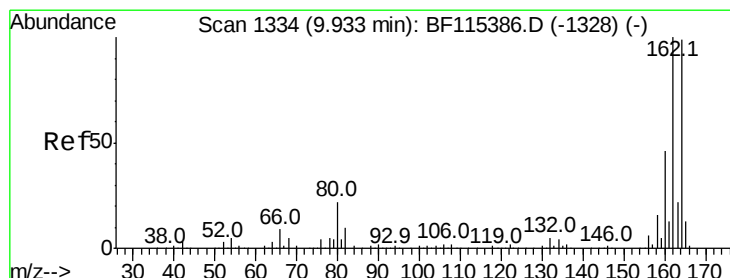
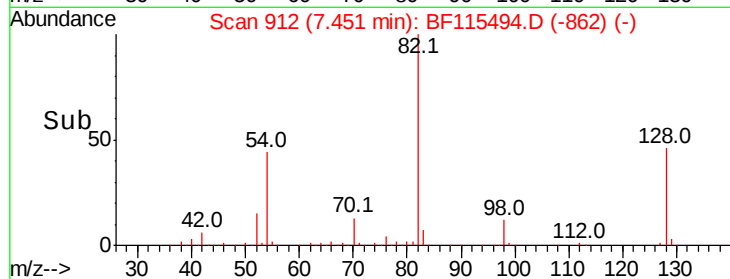
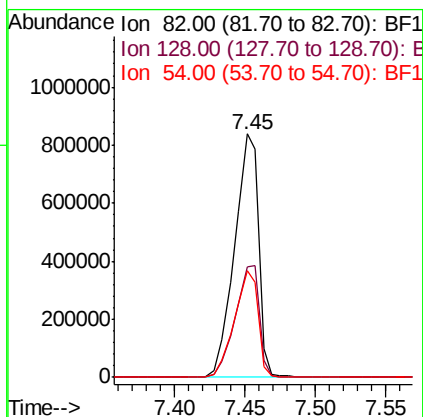
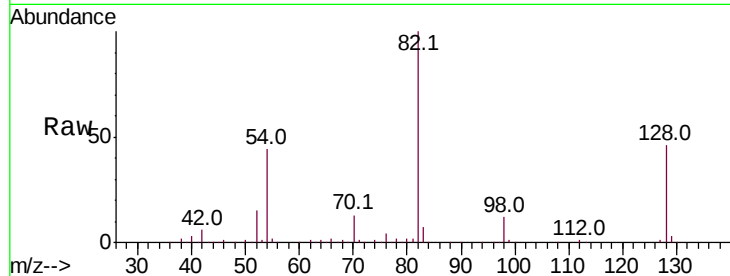




#23
 Nitrobenzene-d5
 Concen: 78.093 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115494.D
 Acq: 11 Jul 2019 11:44

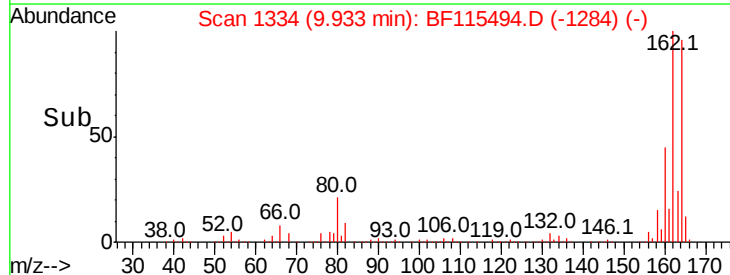
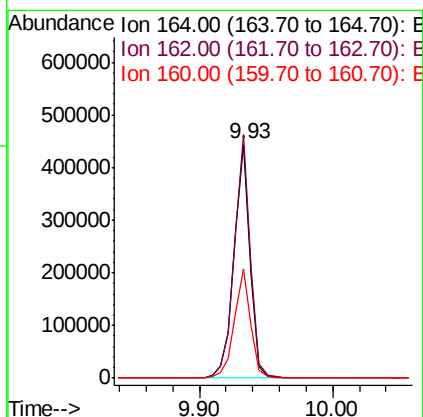
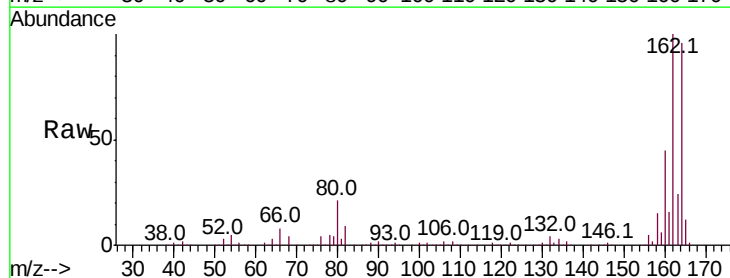
Instrument :
 BNA_F
 ClientSampleId :
 PB121170BL

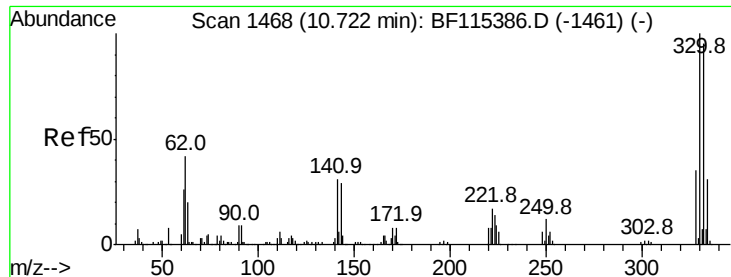
Tot Ion	82	Resp	991051
Ion Ratio	100	Lower	Upper
128	45.6	36.7	55.1
54	44.0	35.6	53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF115494.D
 Acq: 11 Jul 2019 11:44

Tgt Ion	164	Resp	377441
Ion Ratio	100	Lower	Upper
162	104.1	82.3	123.5
160	46.9	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 108.332 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115494.D

Acq: 11 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121170BL

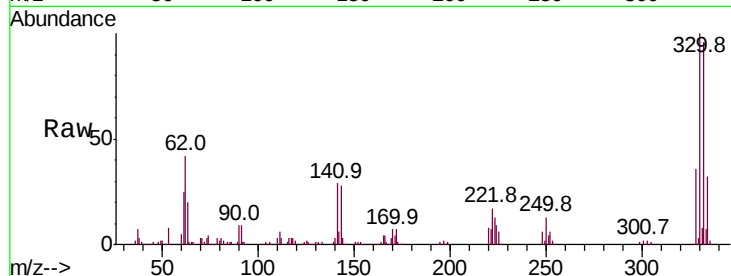
Tot Ion:330 Resp: 452095

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

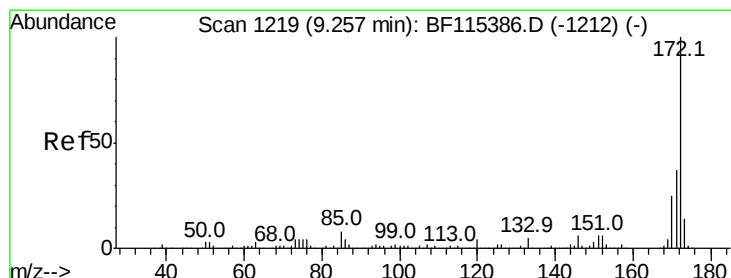
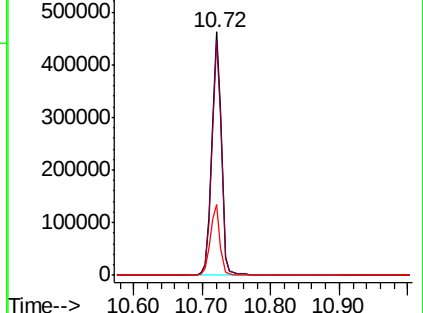
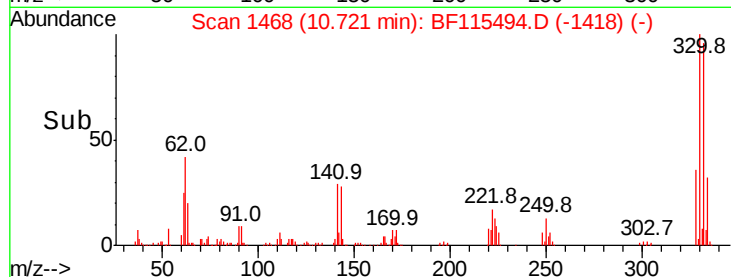
141 29.2 24.7 37.1



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: 81.303 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF115494.D

Acq: 11 Jul 2019 11:44

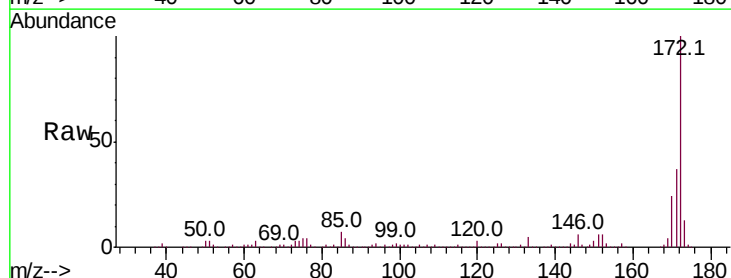
Tgt Ion:172 Resp: 1748794

Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.8

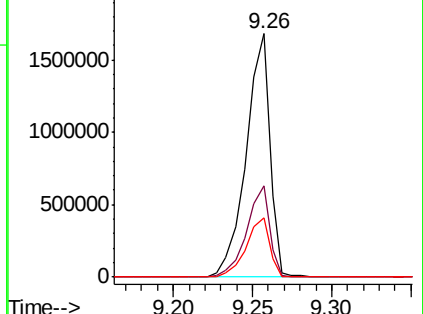
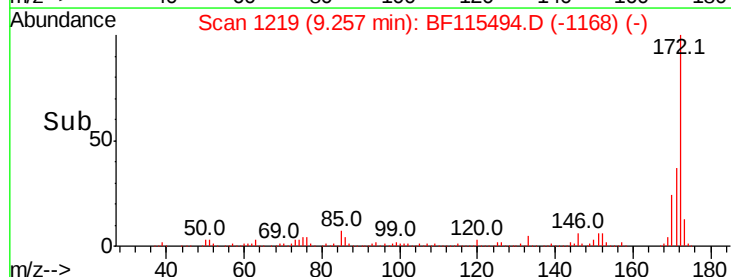
170 24.5 20.0 30.0

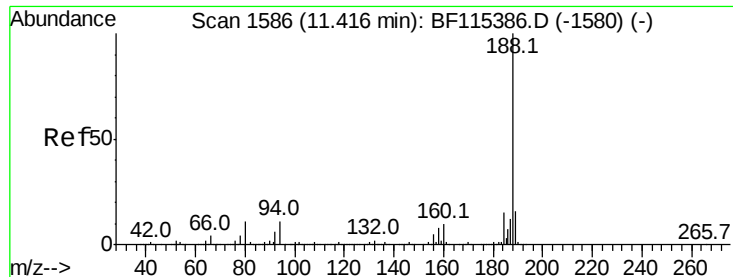


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

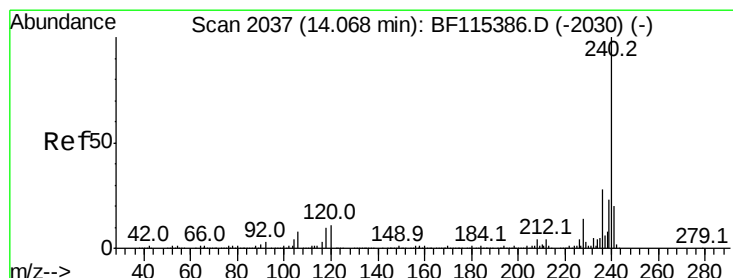
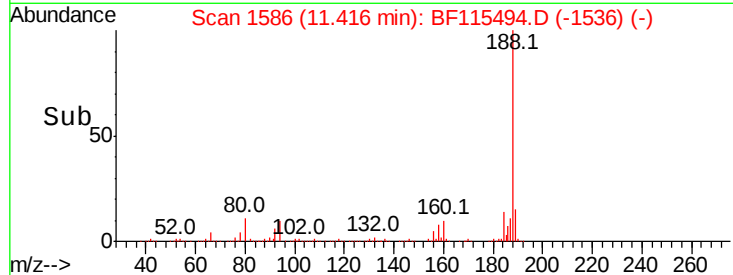
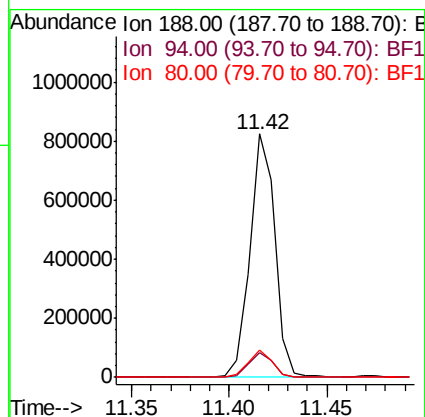
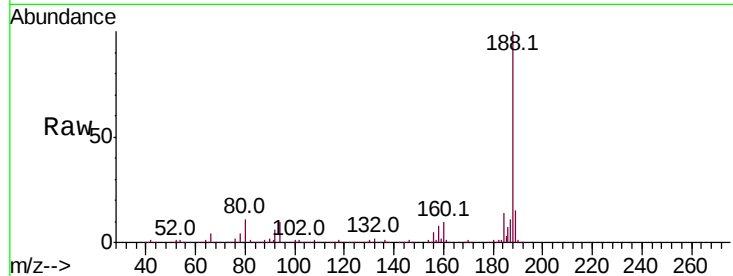




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115494.D
Acq: 11 Jul 2019 11:44

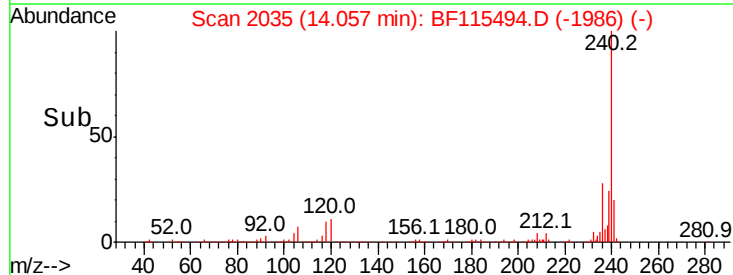
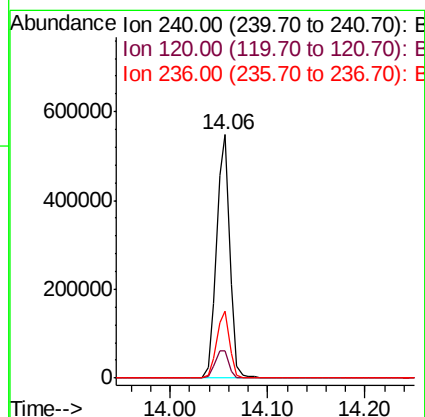
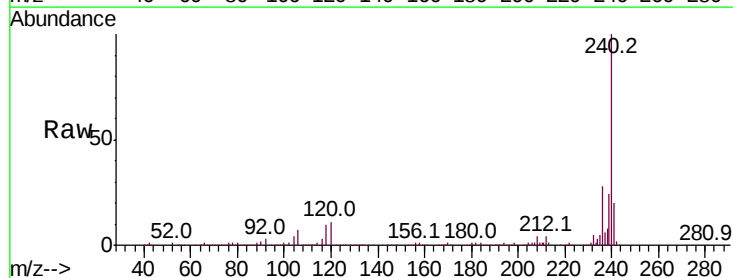
Instrument :
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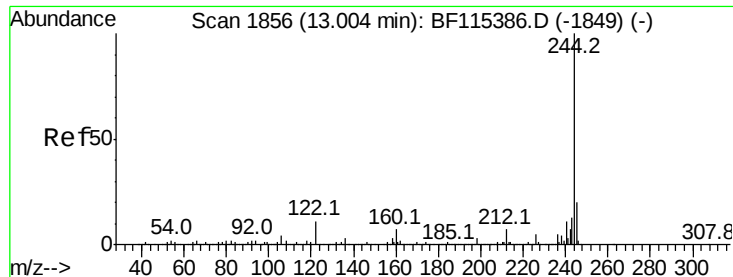
Tot Ion:188 Resp: 731213
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.8
80 11.2 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115494.D
Acq: 11 Jul 2019 11:44

Tgt Ion:240 Resp: 516855
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 27.6 21.1 31.7





#79

Terphenyl-d14

Concen: 77.090 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF115494.D

Acq: 11 Jul 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB121170BL

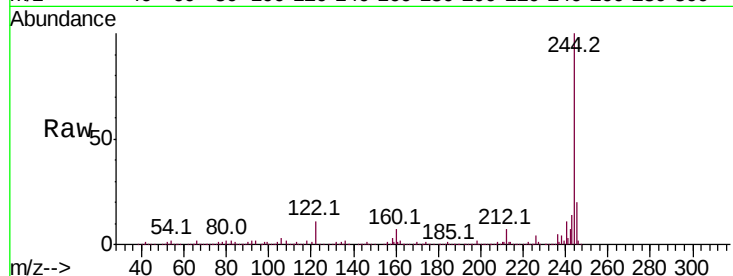
Tot Ion:244 Resp: 1945982

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

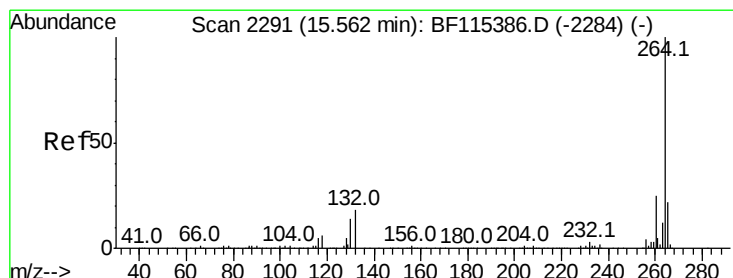
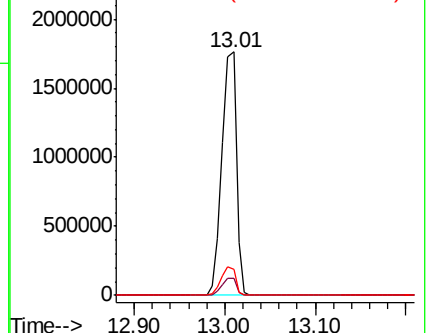
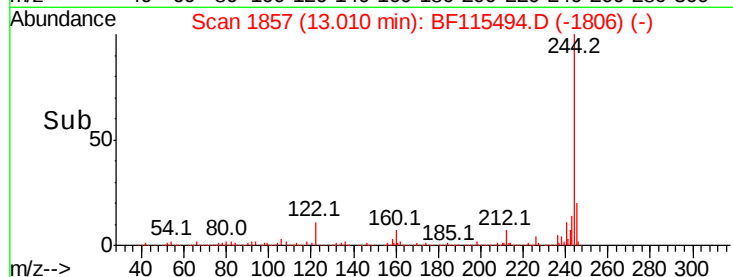
122 10.7 9.1 13.7



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: 15.53 min Scan# 2286

Delta R.T. -0.03 min

Lab File: BF115494.D

Acq: 11 Jul 2019 11:44

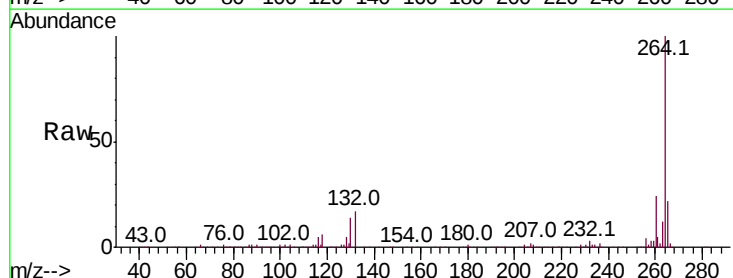
Tgt Ion:264 Resp: 472586

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 22.2 17.8 26.6



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

