

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115505.D
 Acq On : 11 Jul 2019 20:15
 Operator : HP/JU
 Sample : K3746-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LID-A

Quant Time: Jul 12 05:23:31 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

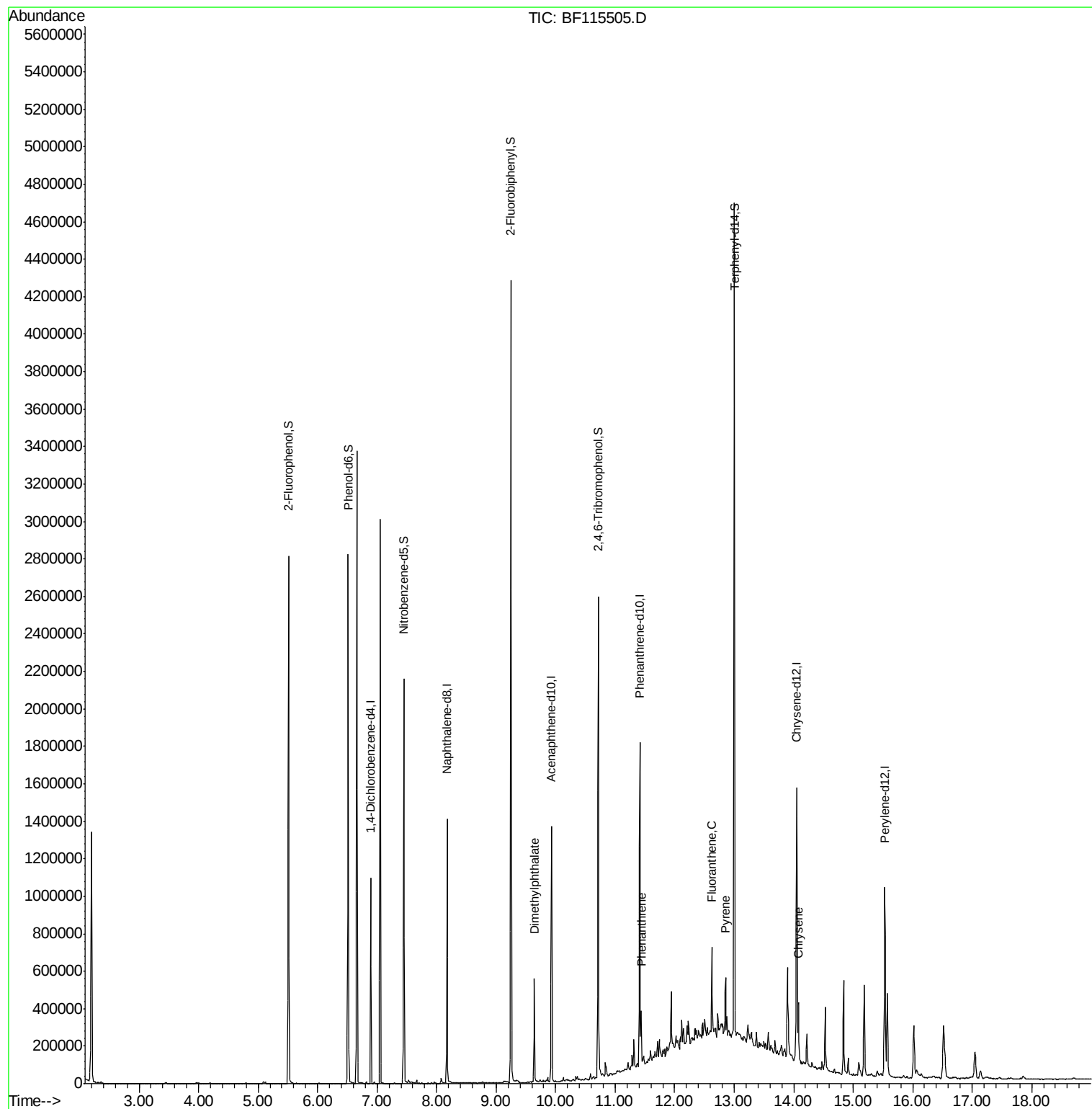
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147889	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	572351	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	295556	20.00	ng	-0.01
64) Phenanthrene-d10	11.42	188	589550	20.00	ng	0.00
76) Chrysene-d12	14.05	240	486990	20.00	ng	-0.02
87) Perylene-d12	15.53	264	467396	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	853790	89.20	ng	0.00
7) Phenol-d6	6.52	99	1129820	92.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	690960	71.33	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	339335	103.84	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1314791	78.06	ng	0.00
79) Terphenyl-d14	13.00	244	1557477	65.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	209359	9.438	ng	100
71) Phenanthrene	11.44	178	100231	3.233	ng	96
75) Fluoranthene	12.63	202	186532	5.714	ng	96
78) Pyrene	12.86	202	125242	3.307	ng	97
83) Chrysene	14.08	228	121897	3.802	ng	98

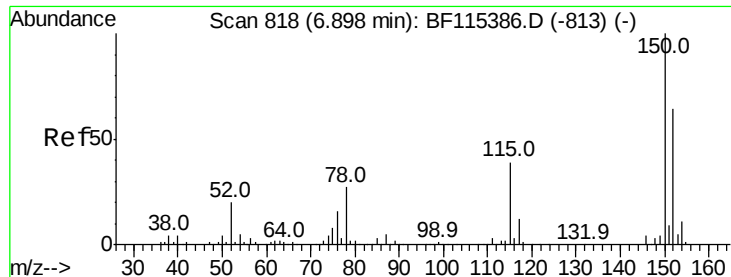
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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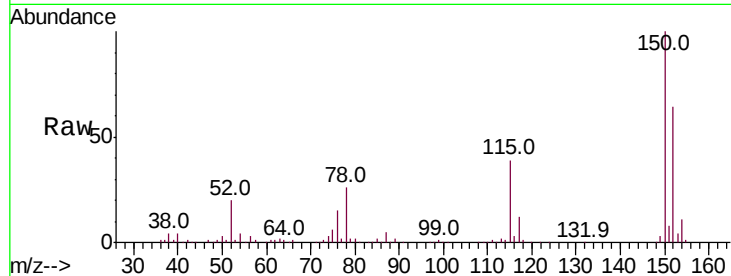


#1

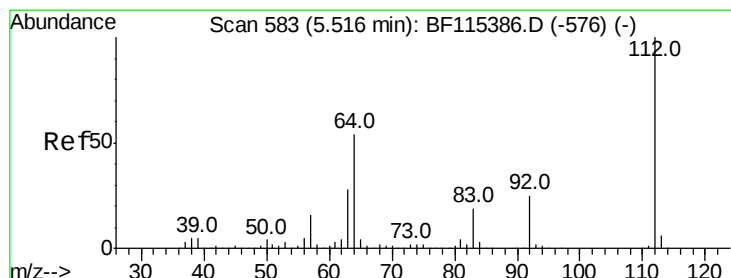
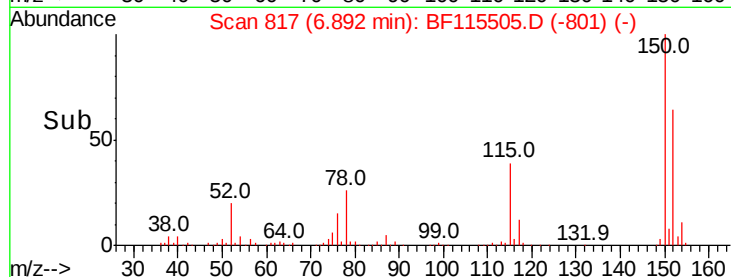
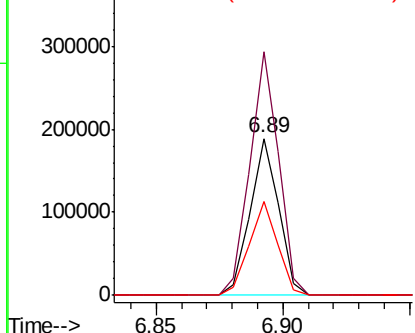
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

Instrument :
BNA_F
ClientSampleId :
LID-A

Tot Ion:152 Resp: 147889
Ion Ratio Lower Upper
152 100
150 155.1 127.4 191.2
115 59.9 46.2 69.4



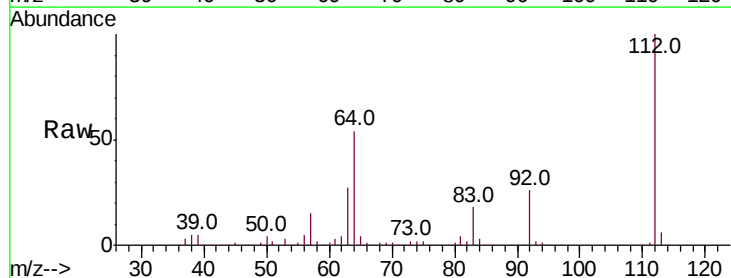
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



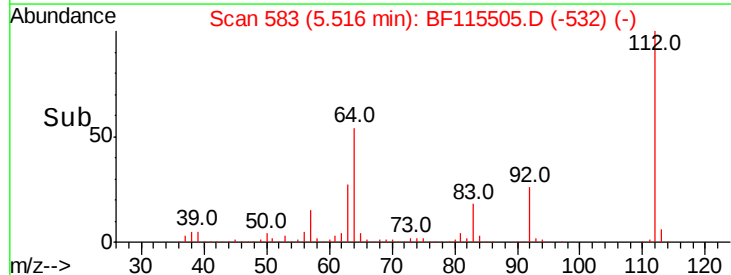
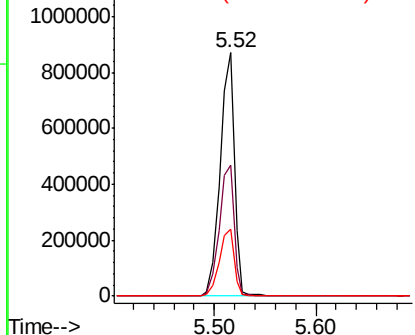
#5

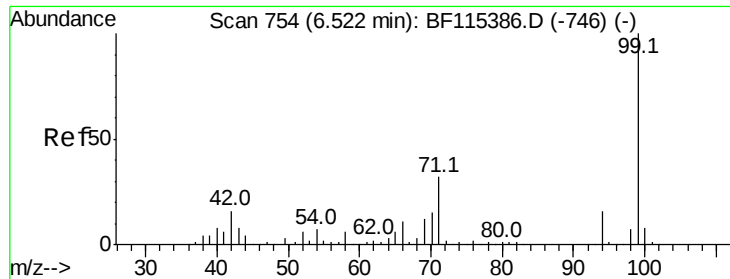
2-Fluorophenol
Concen: 89.197 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

Tgt Ion:112 Resp: 853790
Ion Ratio Lower Upper
112 100
64 53.6 44.2 66.2
63 27.4 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: 92.810 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF115505.D

Acq: 11 Jul 2019 20:15

Instrument :

BNA_F

ClientSampled :

LID-A

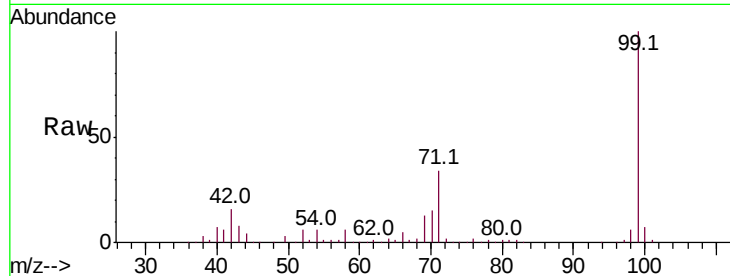
Tot Ion: 99 Resp: 1129820

Ion Ratio Lower Upper

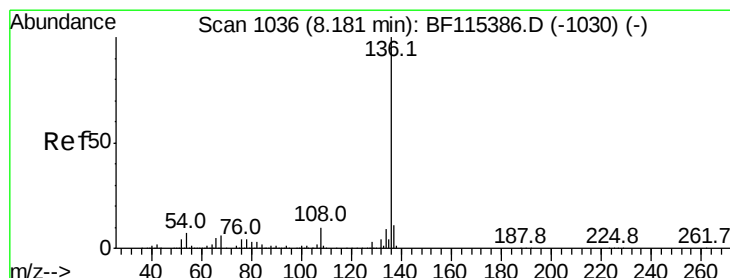
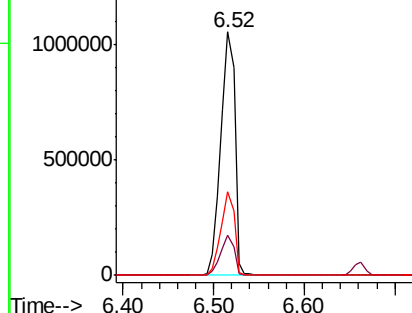
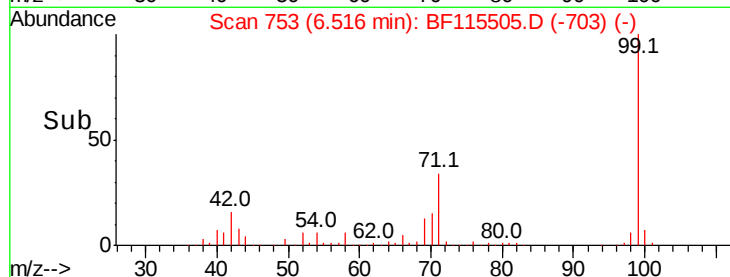
99 100

42 16.4 12.8 19.2

71 34.2 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: BF115505.D

Acq: 11 Jul 2019 20:15

Tgt Ion: 136 Resp: 572351

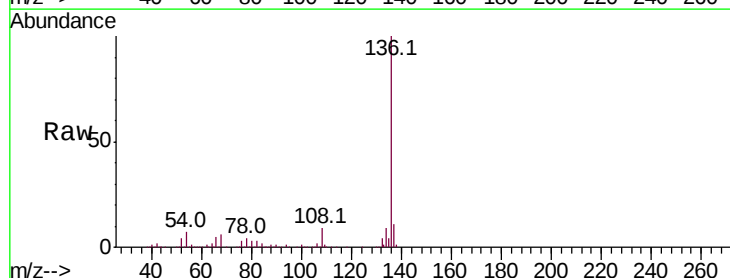
Ion Ratio Lower Upper

136 100

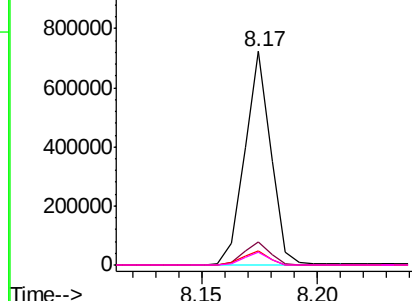
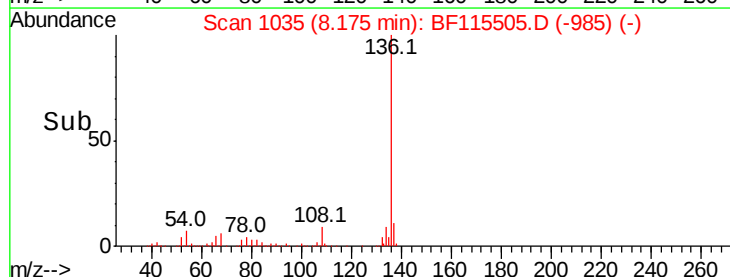
137 11.1 8.8 13.2

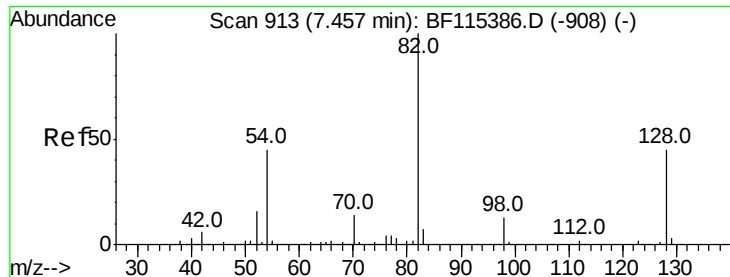
54 6.7 5.4 8.0

68 6.1 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

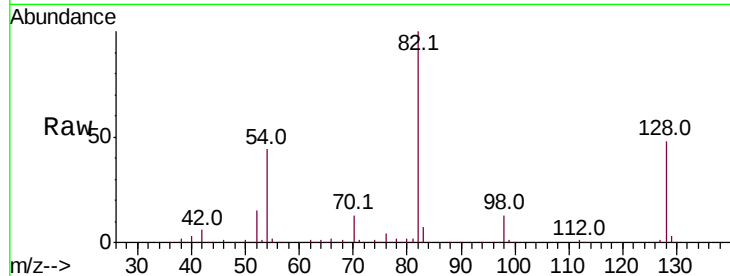




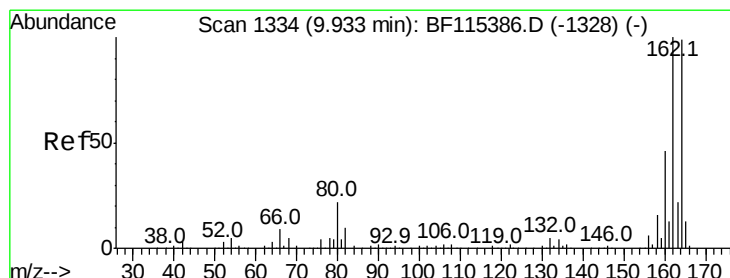
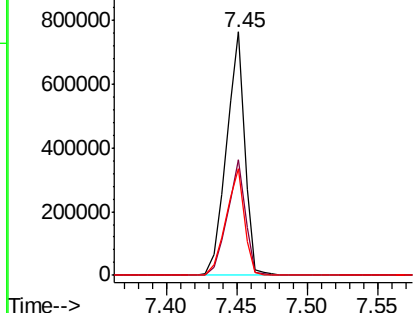
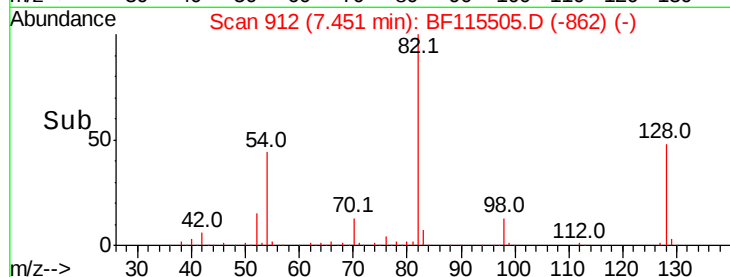
#23
Nitrobenzene-d5
Concen: 71.327 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

Instrument :
BNA_F
ClientSampled :
LID-A

Tot Ion	82	Resp	690960
Ion Ratio	Lower	Upper	
82	100		
128	47.5	36.7	55.1
54	43.6	35.6	53.4

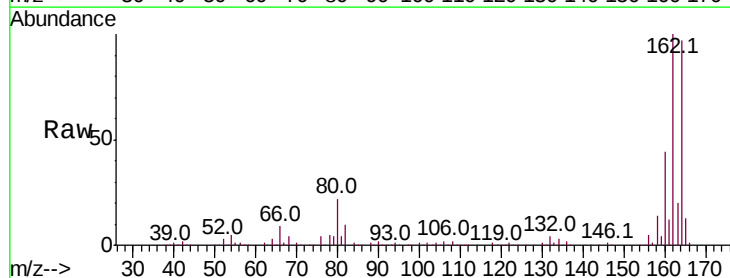


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

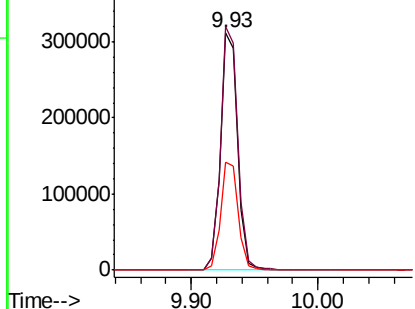
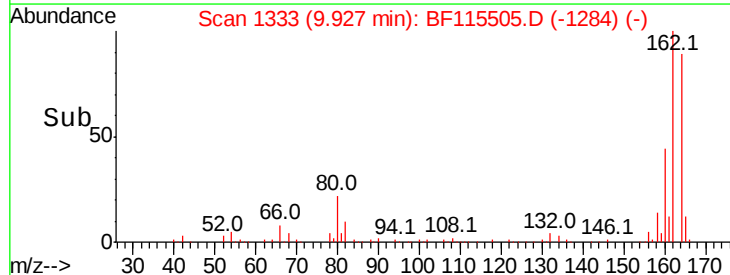


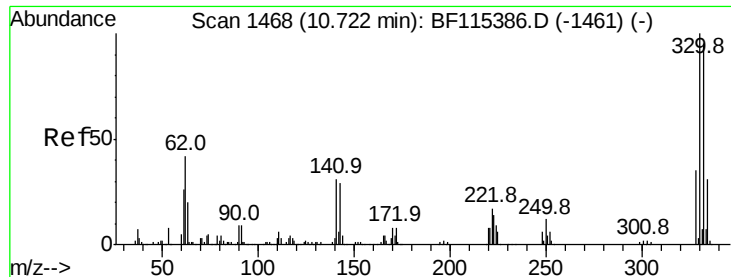
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

Tgt Ion	164	Resp	295556
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.3	123.5
160	45.4	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

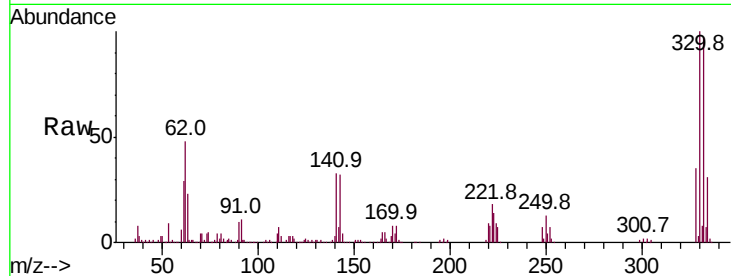




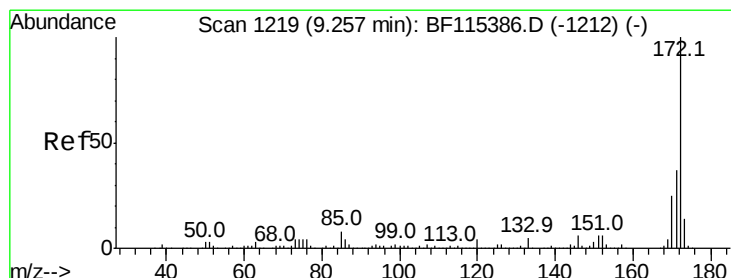
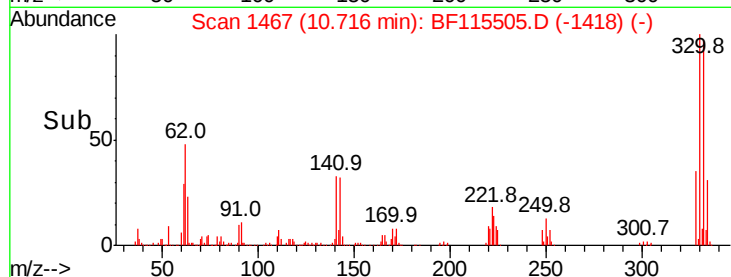
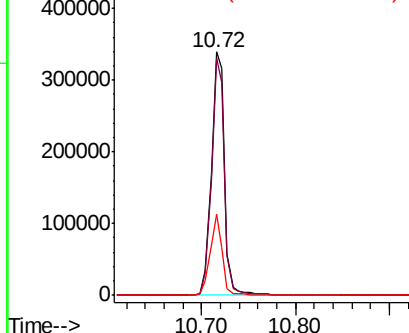
#42
 2,4,6-Tribromophenol
 Concen: 103.840 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115505.D
 Acq: 11 Jul 2019 20:15

Instrument :
 BNA_F
 ClientSampled :
 LID-A

Tot Ion:330 Resp: 339335
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.0
 141 31.0 24.7 37.1

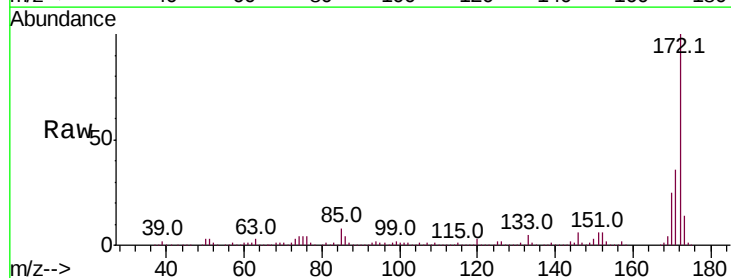


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

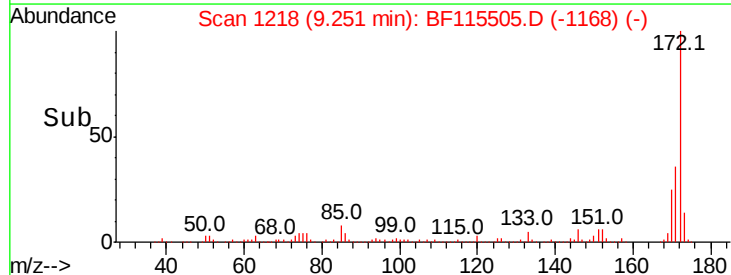
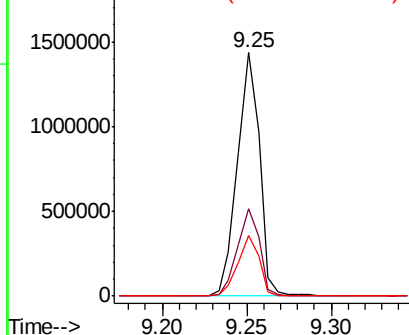


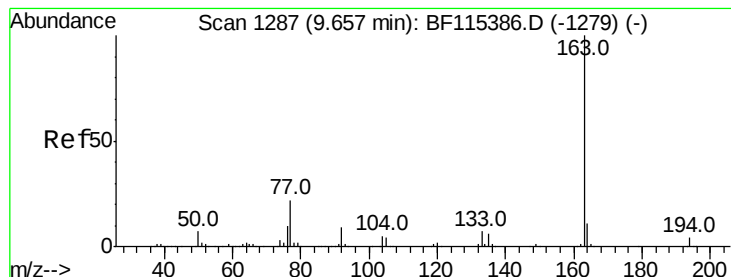
#45
 2-Fluorobiphenyl
 Concen: 78.061 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115505.D
 Acq: 11 Jul 2019 20:15

Tgt Ion:172 Resp: 1314791
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.8 44.8
 170 24.6 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





#50

Dimethylphthalate

Concen: 9.438 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115505.D

Acq: 11 Jul 2019 20:15

Instrument :

BNA_F

ClientSampleId :

LID-A

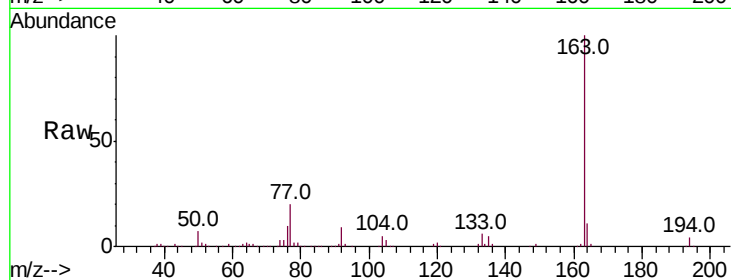
Tot Ion:163 Resp: 209359

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

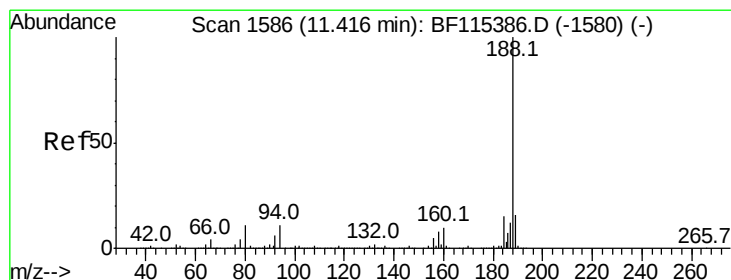
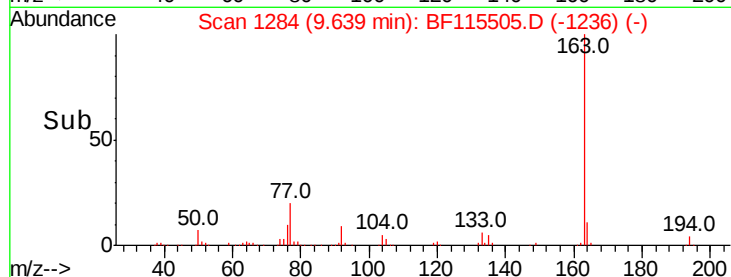
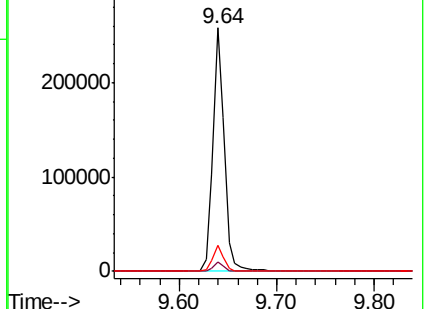
164 10.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115505.D

Acq: 11 Jul 2019 20:15

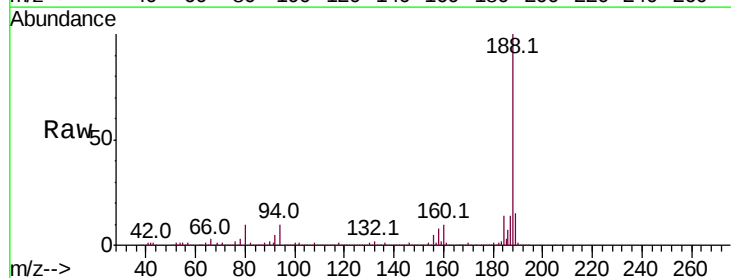
Tgt Ion:188 Resp: 589550

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.8

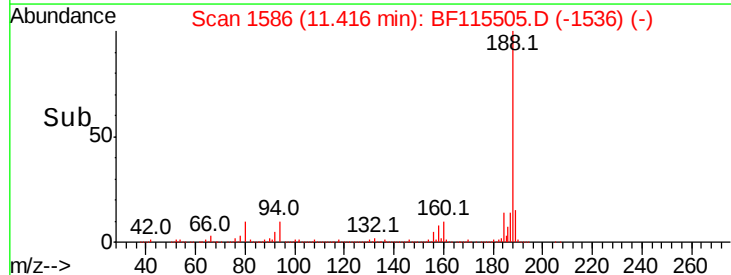
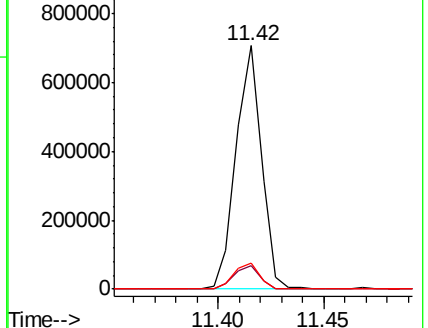
80 10.5 8.4 12.6

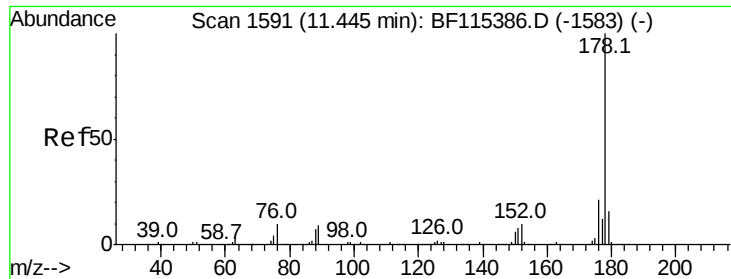


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

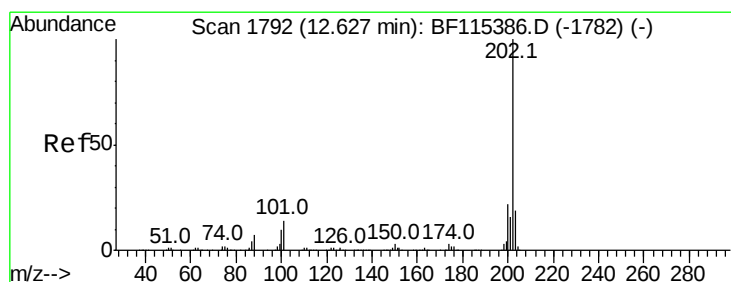
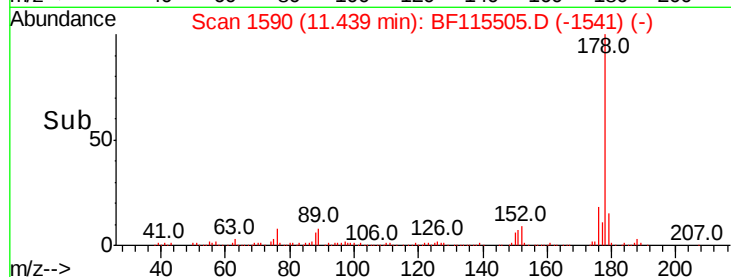
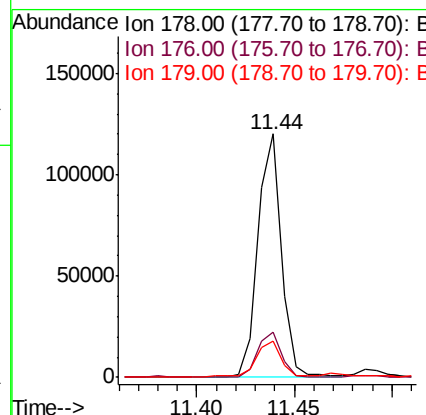
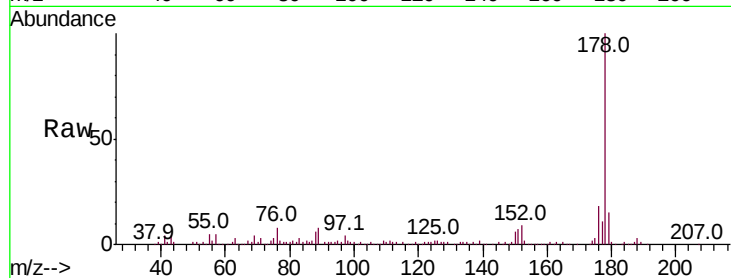




#71
Phenanthrene
Concen: 3.233 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

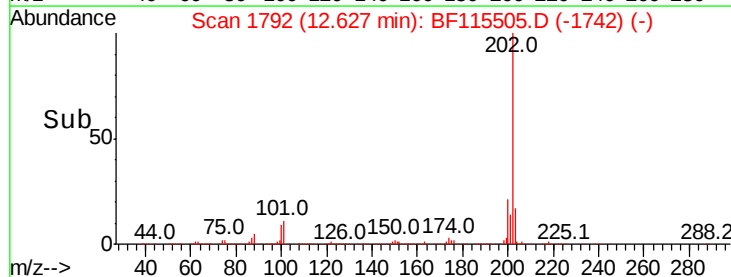
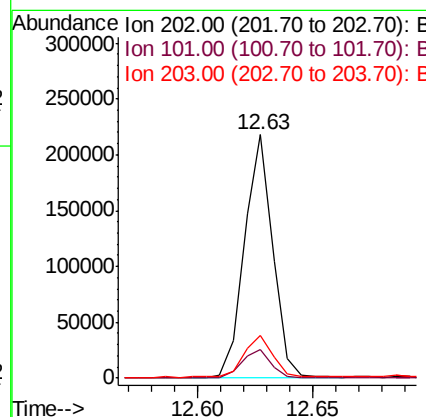
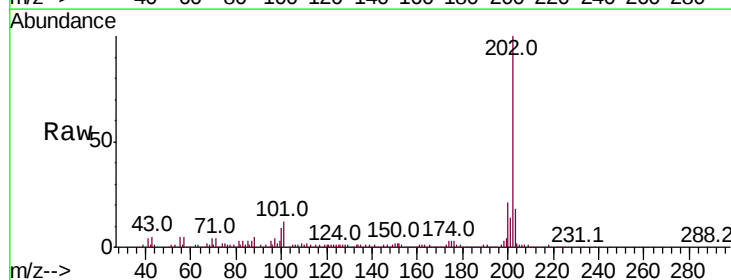
Instrument :
BNA_F
ClientSampleId :
LID-A

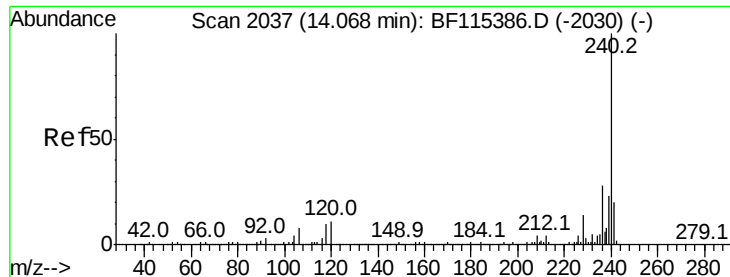
Tot Ion:178 Resp: 100231
Ion Ratio Lower Upper
178 100
176 18.5 16.6 24.8
179 14.9 12.7 19.1



#75
Fluoranthene
Concen: 5.714 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

Tgt Ion:202 Resp: 186532
Ion Ratio Lower Upper
202 100
101 11.6 0.0 33.9
203 17.5 0.0 38.4

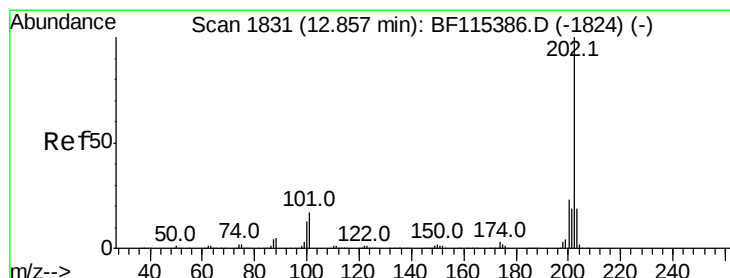
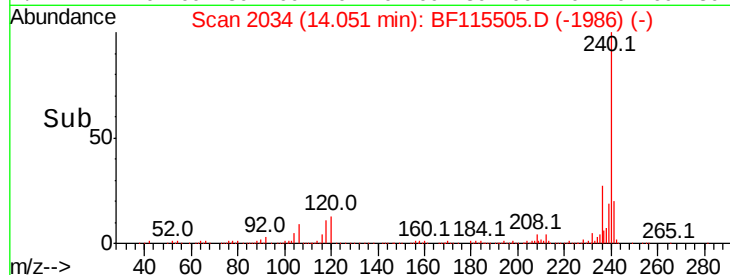
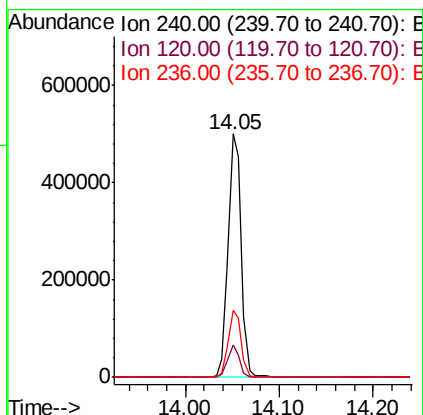
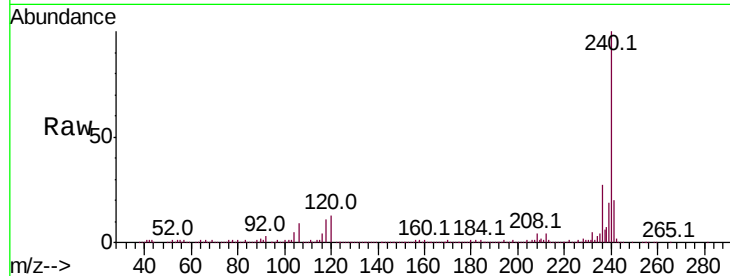




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

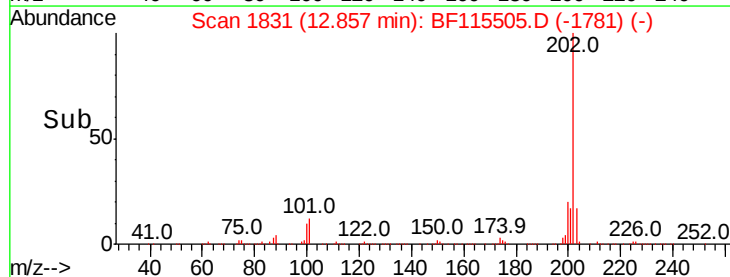
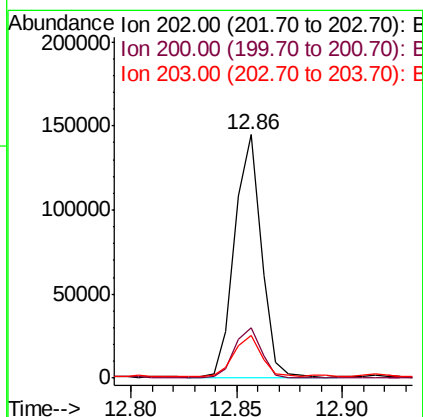
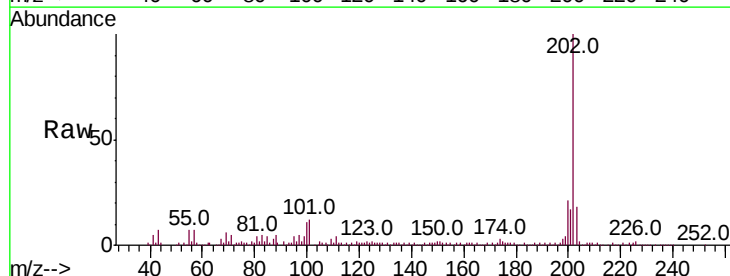
Instrument :
BNA_F
ClientSampleId :
LID-A

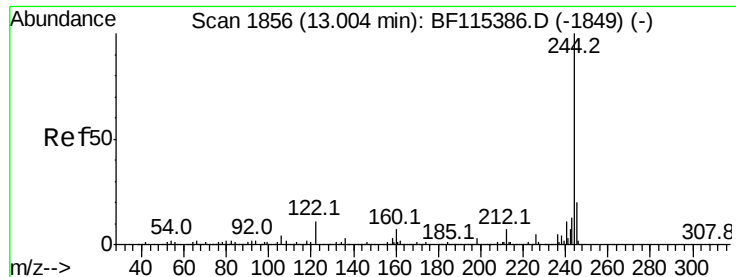
Tot Ion:240 Resp: 486990
Ion Ratio Lower Upper
240 100
120 13.1 10.2 15.4
236 27.5 21.1 31.7



#78
Pyrene
Concen: 3.307 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

Tgt Ion:202 Resp: 125242
Ion Ratio Lower Upper
202 100
200 20.5 17.6 26.4
203 17.6 14.7 22.1





#79

Terphenyl-d14

Concen: 65.483 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115505.D

Acq: 11 Jul 2019 20:15

Instrument :

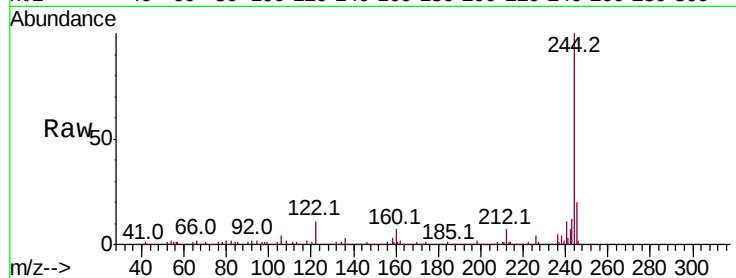
BNA_F

ClientSampleId :

LID-A

Tot Ion:244 Resp: 1557477

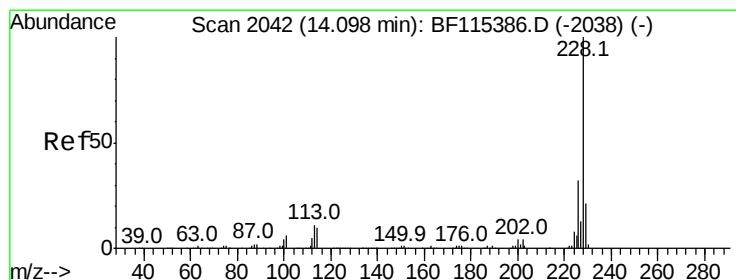
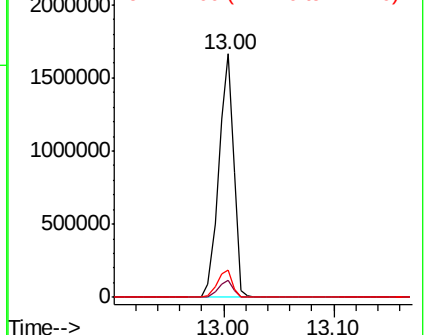
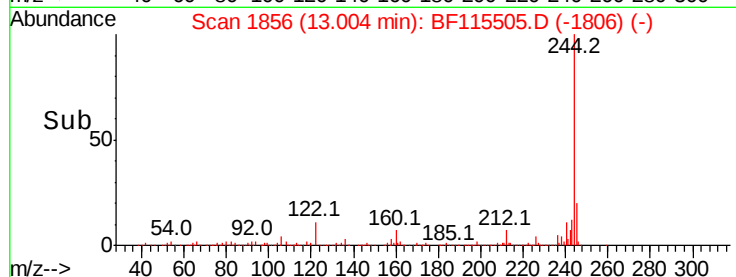
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.1	9.1	13.7



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



#83

Chrysene

Concen: 3.802 ng

RT: 14.08 min Scan# 2039

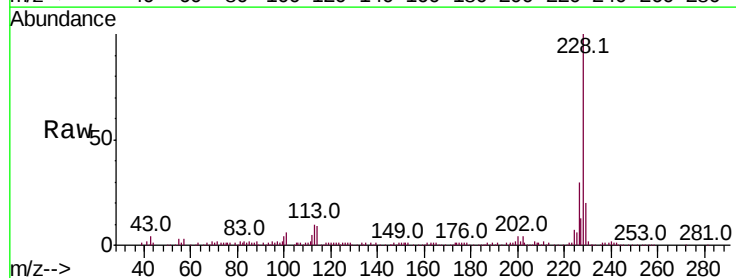
Delta R.T. -0.02 min

Lab File: BF115505.D

Acq: 11 Jul 2019 20:15

Tgt Ion:228 Resp: 121897

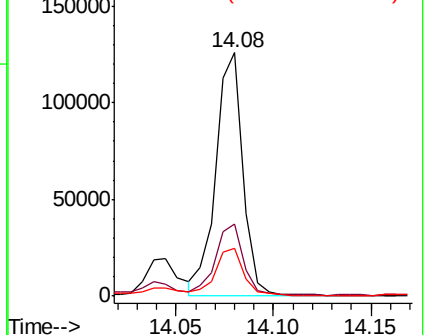
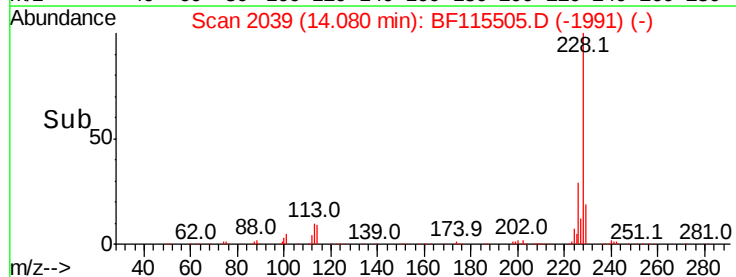
Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.1	37.7
229	19.7	16.1	24.1

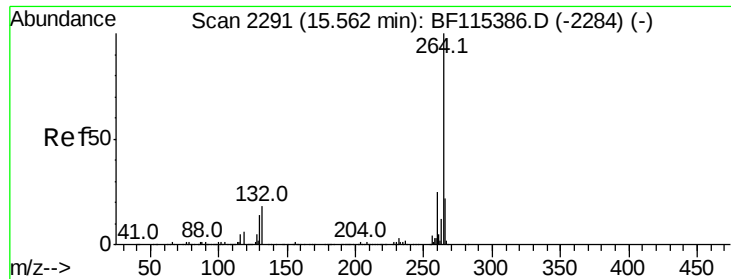


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115505.D
Acq: 11 Jul 2019 20:15

Instrument :
BNA_F
ClientSampleId :
LID-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.1	17.8	26.6

