

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
 Data File : BF115453.D
 Acq On : 10 Jul 2019 14:02
 Operator : HP/JU
 Sample : PB121133BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121133BL

Quant Time: Jul 10 17:03:28 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	230932	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	892739	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	453289	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	861513	20.00	ng	0.00
76) Chrysene-d12	14.06	240	565230	20.00	ng	-0.01
87) Perylene-d12	15.55	264	497674	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1548144	103.58	ng	0.02
7) Phenol-d6	6.53	99	2020447	106.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	1310797	86.75	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	582171	116.16	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2250435	87.12	ng	0.00
79) Terphenyl-d14	13.01	244	2368629	85.80	ng	0.00

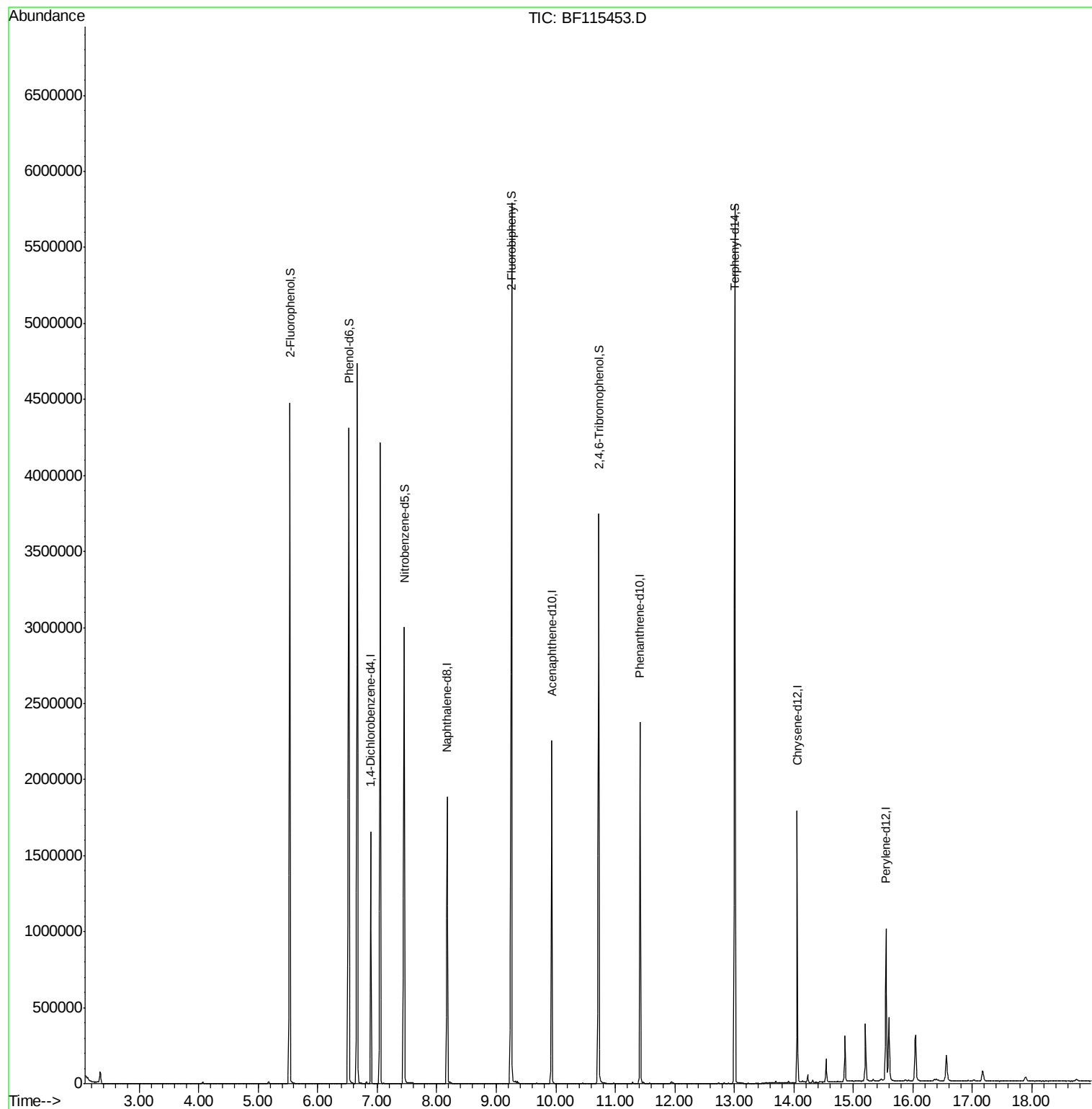
Target Compounds	Qvalue
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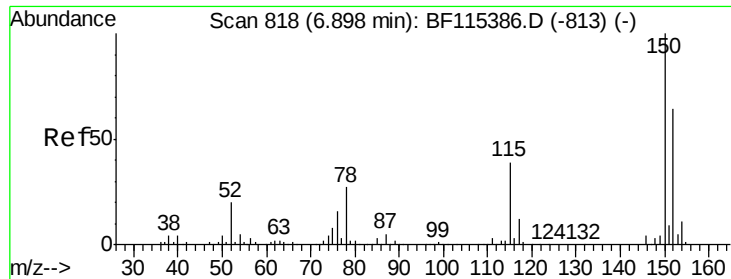
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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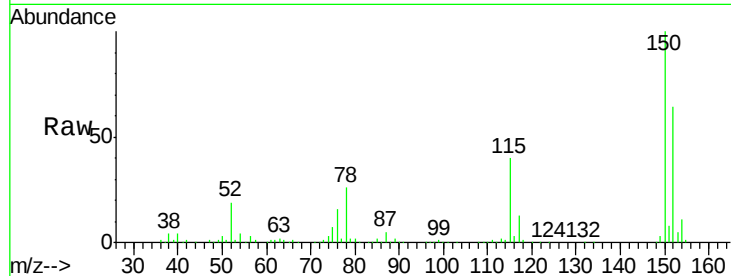


#1

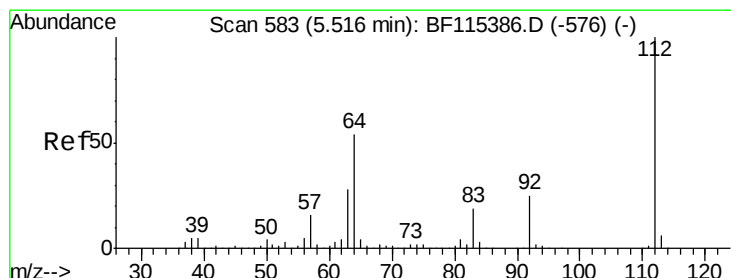
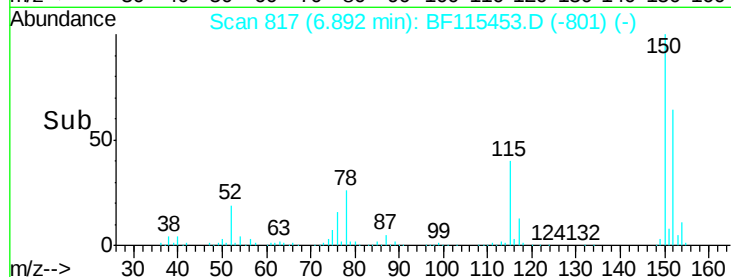
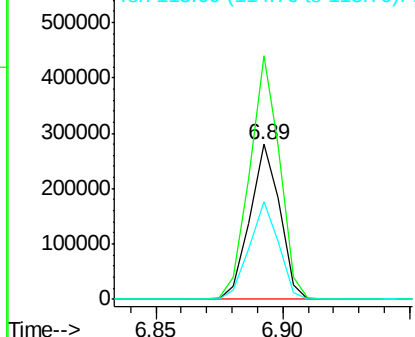
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion:152 Resp: 230932
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.2
115 63.2 46.2 69.4



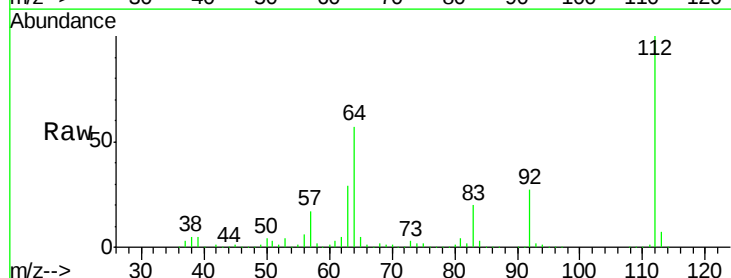
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



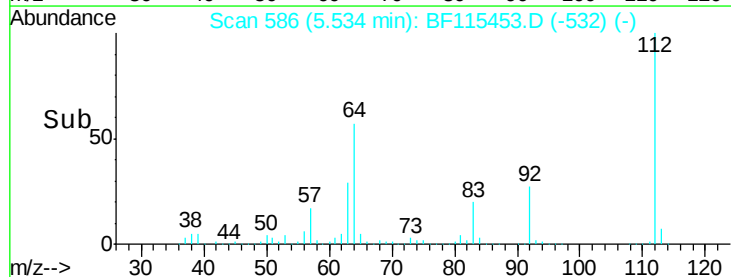
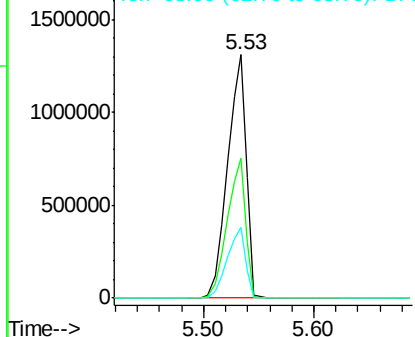
#5

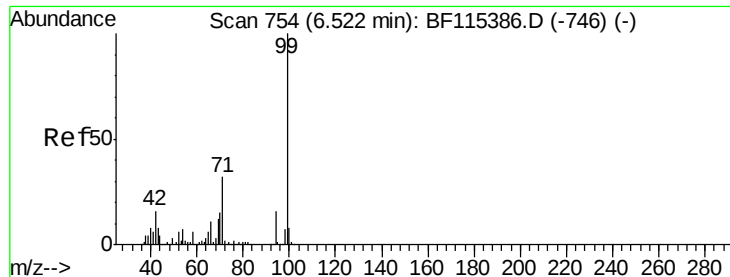
2-Fluorophenol
Concen: 103.577 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:112 Resp: 1548144
Ion Ratio Lower Upper
112 100
64 57.3 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: 106.288 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115453.D

Acq: 10 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleId :

PB121133BL

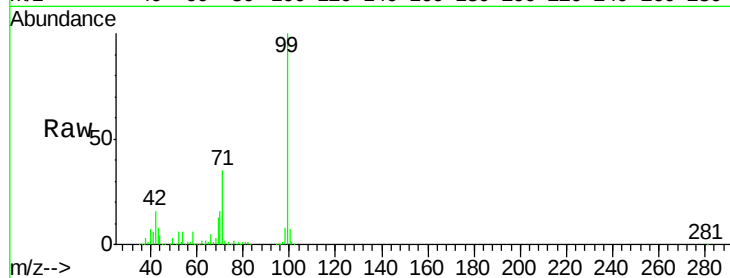
Tgt Ion: 99 Resp: 2020447

Ion Ratio Lower Upper

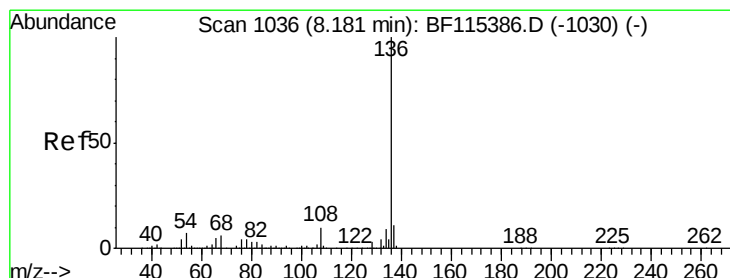
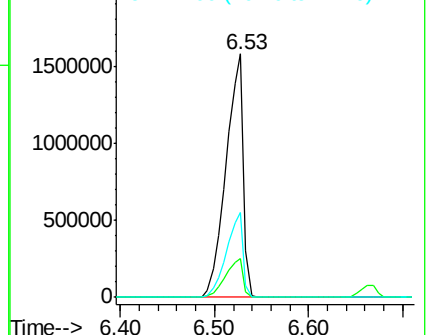
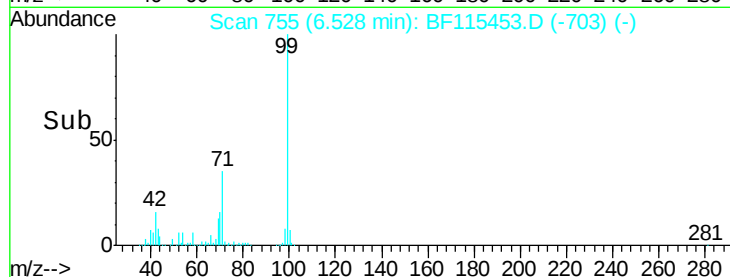
99 100

42 16.1 12.8 19.2

71 34.8 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: BF115453.D

Acq: 10 Jul 2019 14:02

Tgt Ion: 136 Resp: 892739

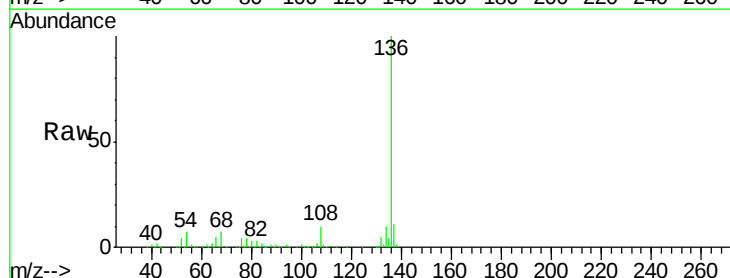
Ion Ratio Lower Upper

136 100

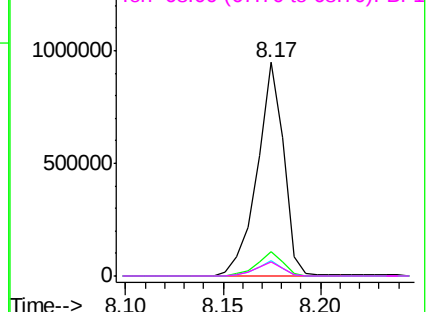
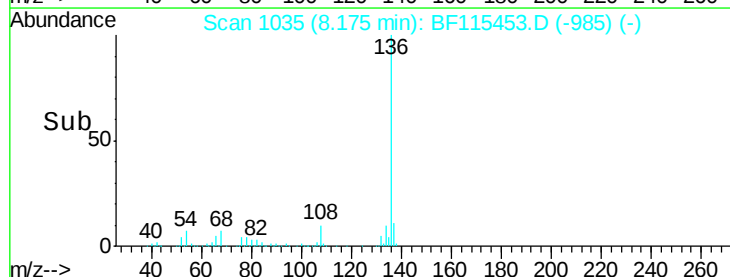
137 11.4 8.8 13.2

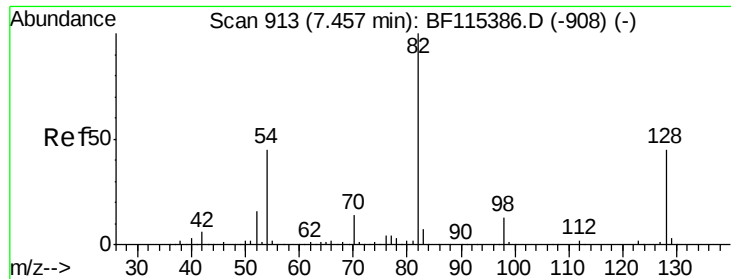
54 7.0 5.4 8.0

68 6.5 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

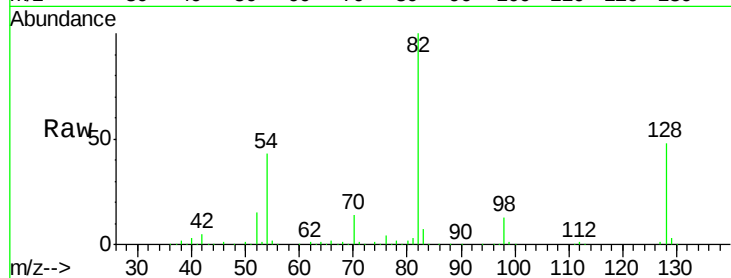




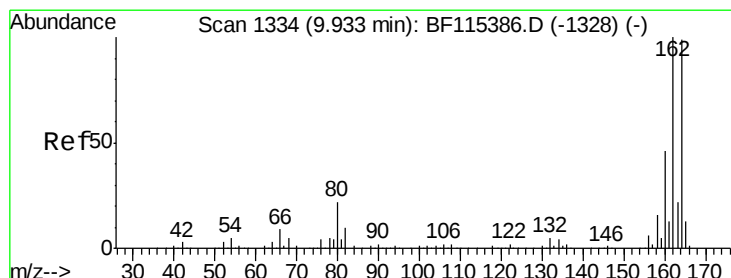
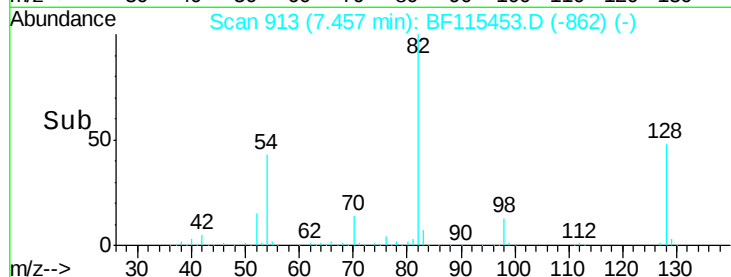
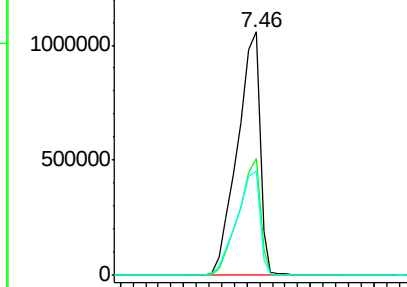
#23
Nitrobenzene-d5
Concen: 86.751 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Instrument :
BNA_F
ClientSampleId :
PB121133BL

Tgt Ion: 82 Resp: 1310797
Ion Ratio Lower Upper
82 100
128 48.3 36.7 55.1
54 43.0 35.6 53.4

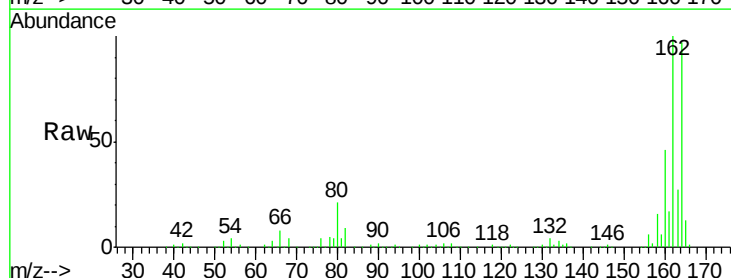


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

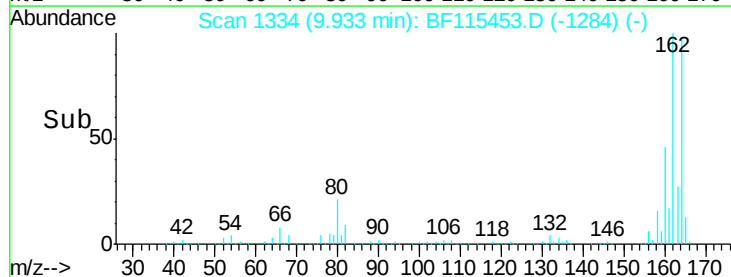
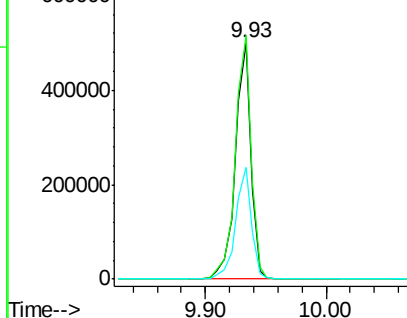


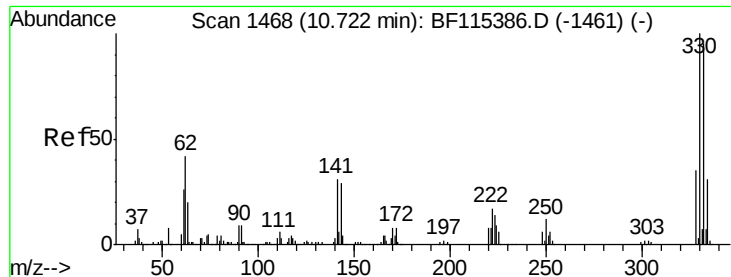
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion: 164 Resp: 453289
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 47.2 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

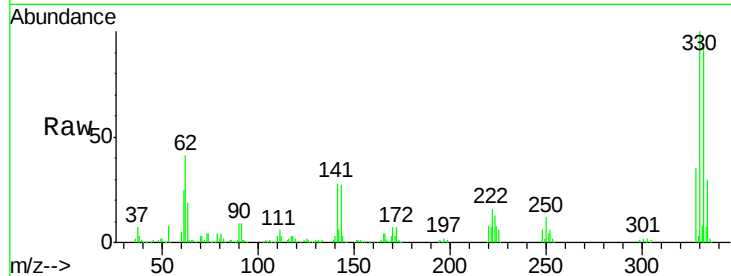




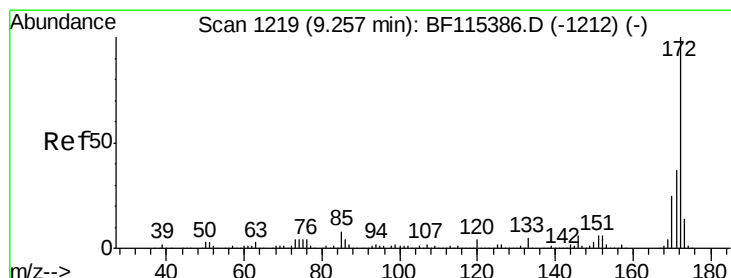
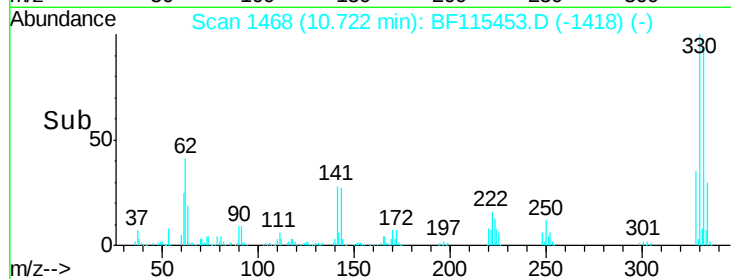
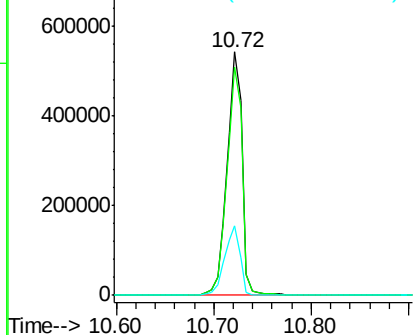
#42
 2,4,6-Tribromophenol
 Concen: 116.158 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF115453.D
 Acq: 10 Jul 2019 14:02

Instrument :
 BNA_F
 ClientSampleId :
 PB121133BL

Tgt Ion:330 Resp: 582171
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.0
 141 29.3 24.7 37.1

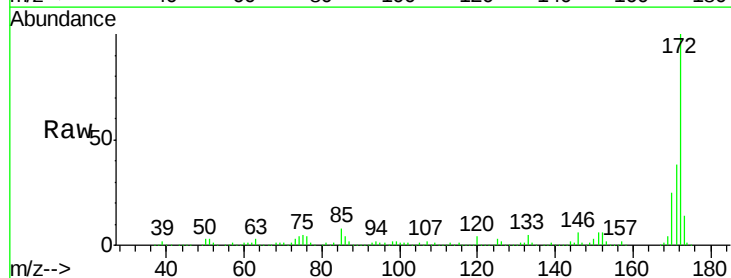


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

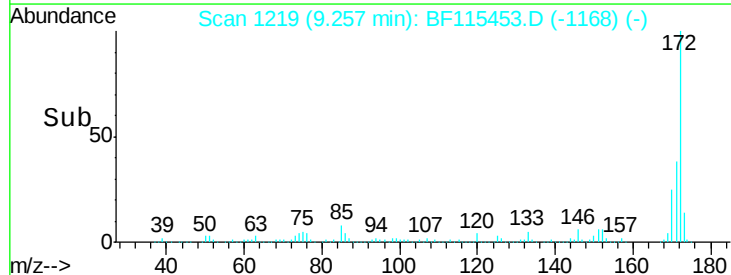
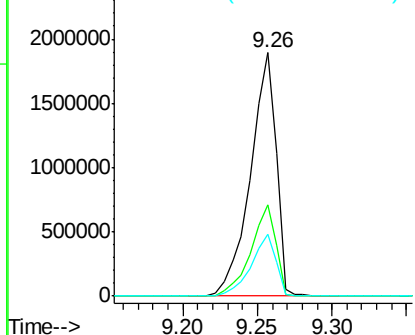


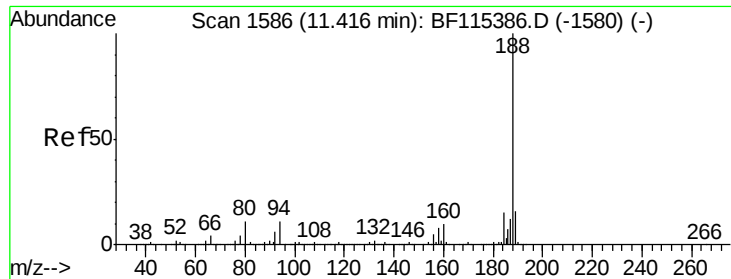
#45
 2-Fluorobiphenyl
 Concen: 87.118 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF115453.D
 Acq: 10 Jul 2019 14:02

Tgt Ion:172 Resp: 2250435
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.8 44.8
 170 25.2 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

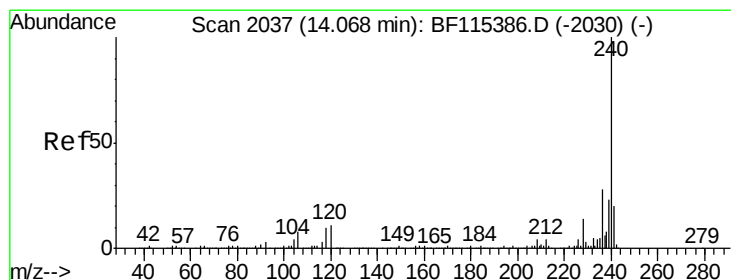
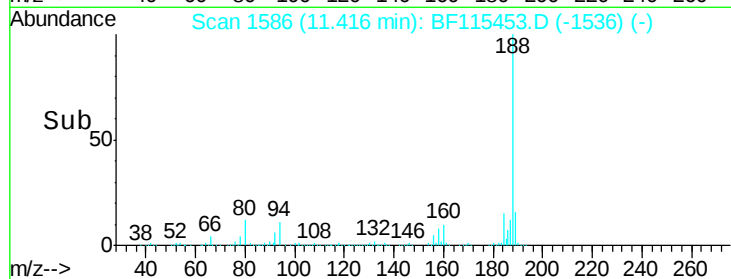
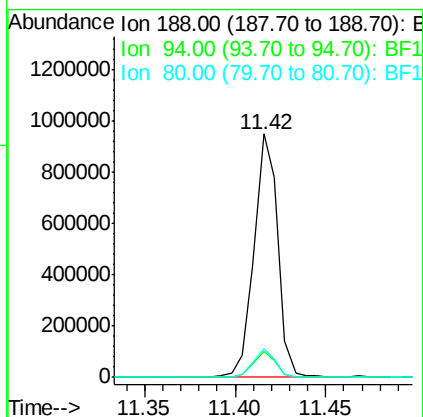
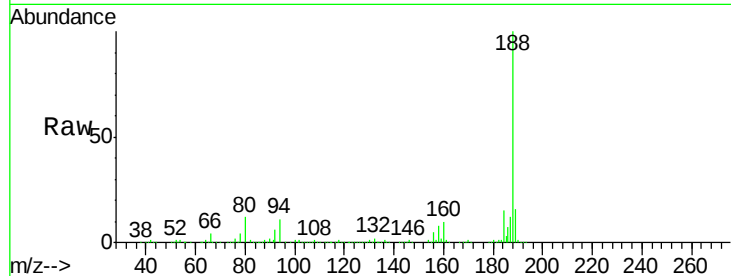




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

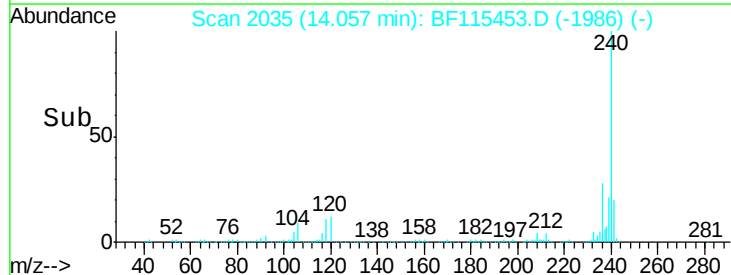
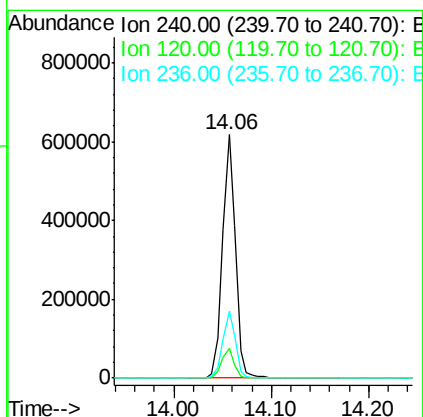
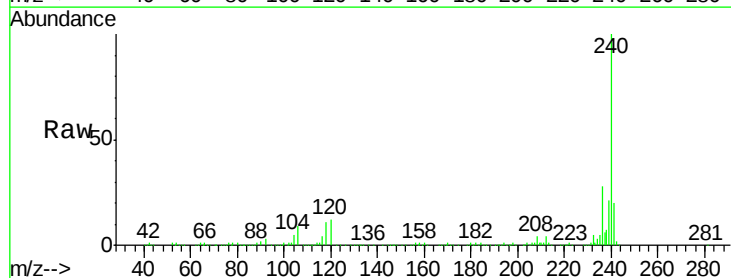
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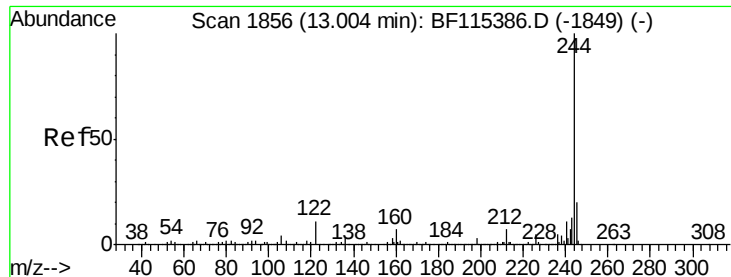
Tgt Ion:188 Resp: 861513
Ion Ratio Lower Upper
188 100
94 10.6 7.8 11.8
80 11.7 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115453.D
Acq: 10 Jul 2019 14:02

Tgt Ion:240 Resp: 565230
Ion Ratio Lower Upper
240 100
120 12.5 10.2 15.4
236 27.7 21.1 31.7





#79

Terphenyl-d14

Concen: 85.802 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF115453.D

Acq: 10 Jul 2019 14:02

Instrument :

BNA_F

ClientSampleID :

PB121133BL

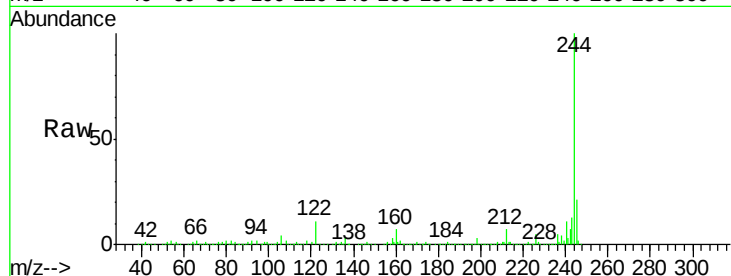
Tgt Ion:244 Resp: 2368629

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

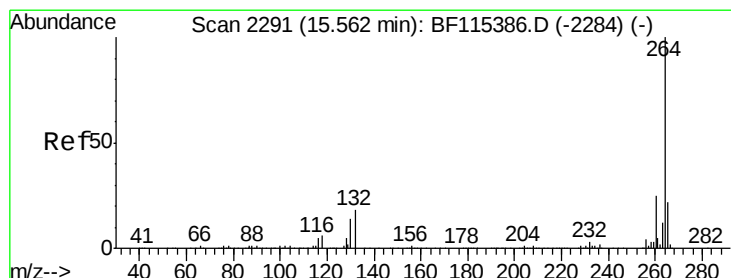
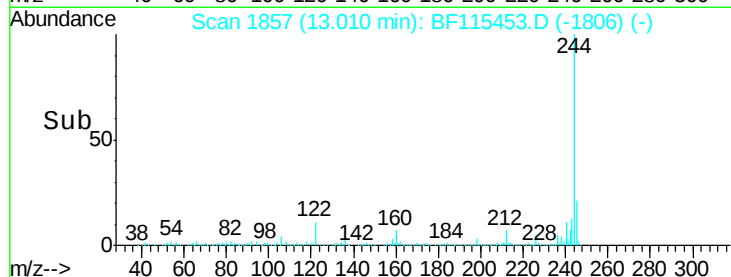
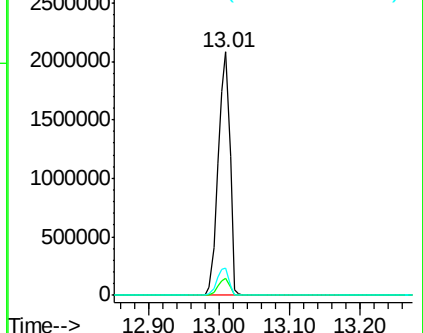
122 11.1 9.1 13.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BF115453.D

Acq: 10 Jul 2019 14:02

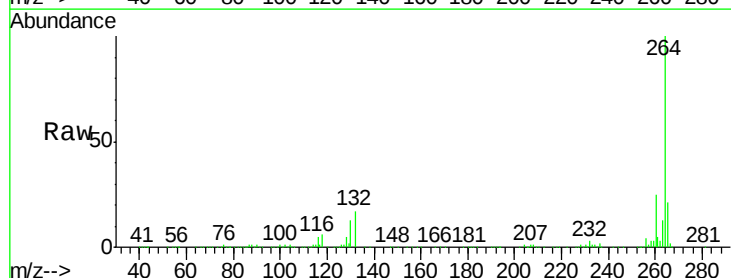
Tgt Ion:264 Resp: 497674

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 21.2 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

