

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100391.D
 Acq On : 10 Nov 2017 15:20
 Operator : SJ/JU
 Sample : I6382-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 10 16:20:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	164161	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	663553	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	314562	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	614558	20.00	ng	0.00
75) Chrysene-d12	14.06	240	416427	20.00	ng	-0.01
86) Perylene-d12	15.54	264	365301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1090623	106.50	ng	0.02
7) Phenol-d6	6.53	99	1198523	94.91	ng	0.00
23) Nitrobenzene-d5	7.46	82	980181	97.66	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	407330	127.08	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1700599	82.32	ng	0.00
78) Terphenyl-d14	13.01	244	1636904	90.32	ng	0.00

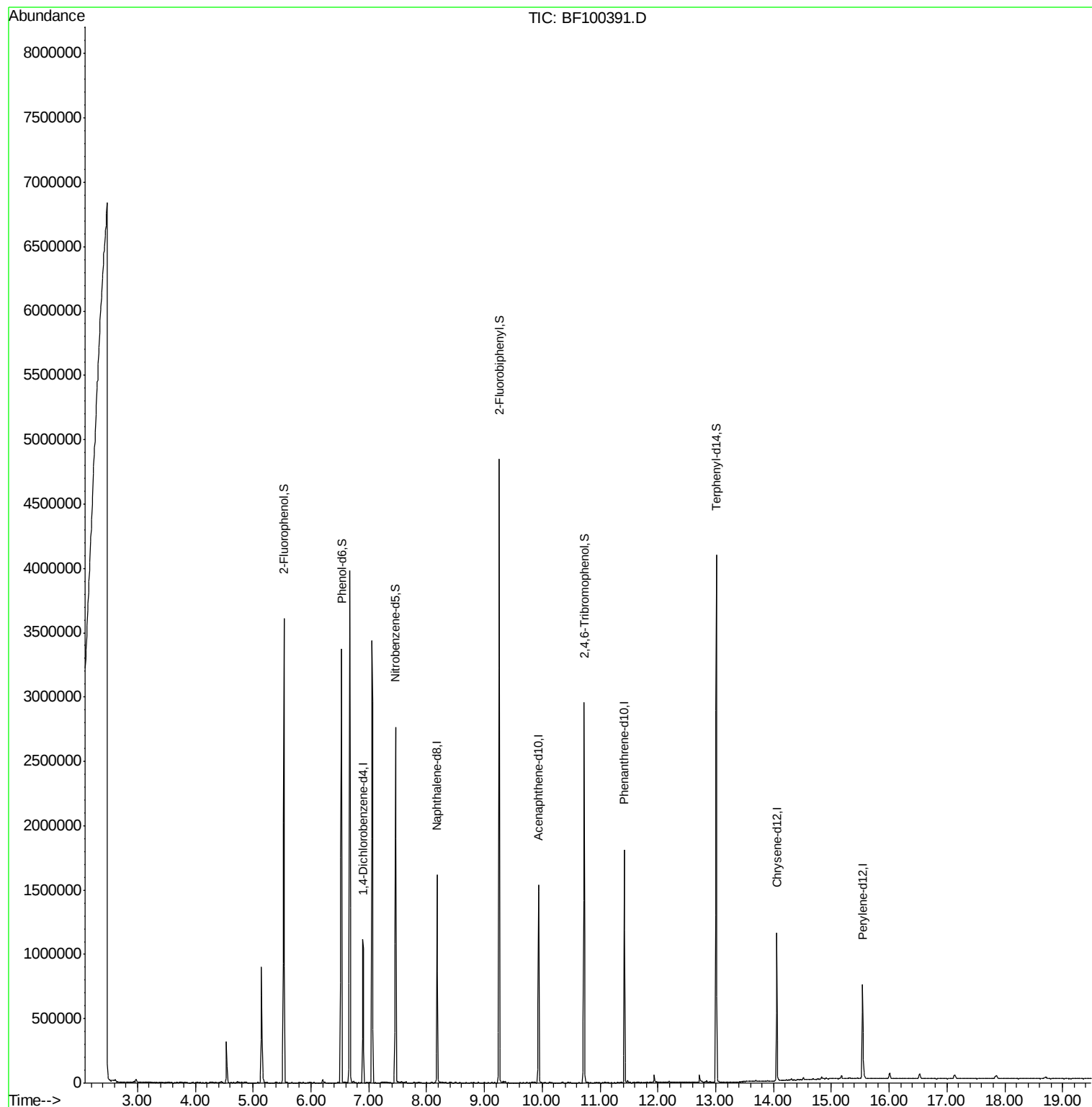
Target Compounds Qvalue

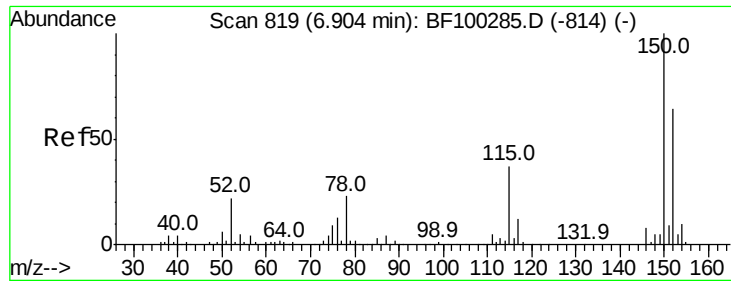
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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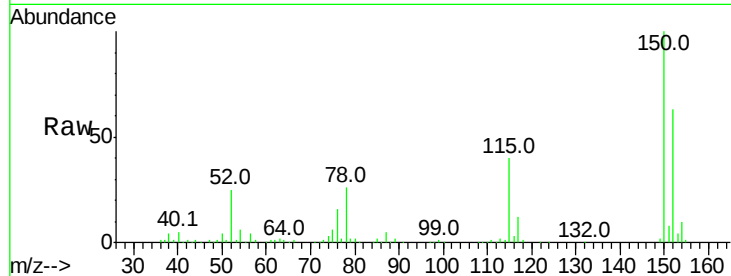


#1

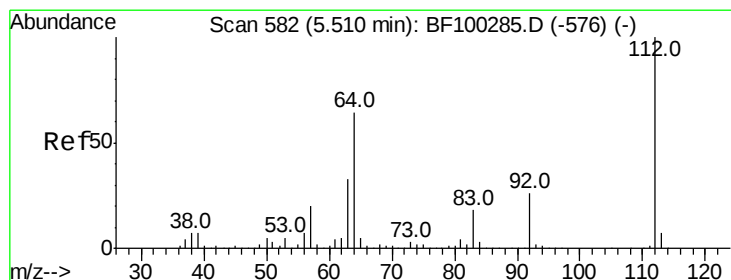
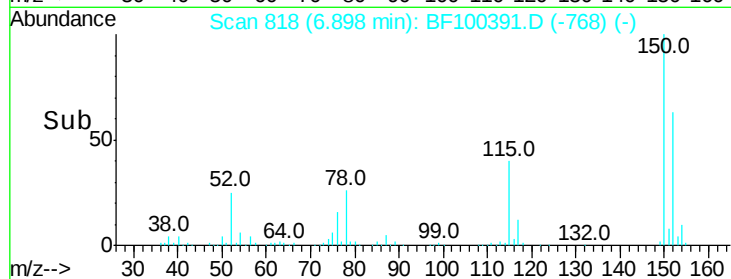
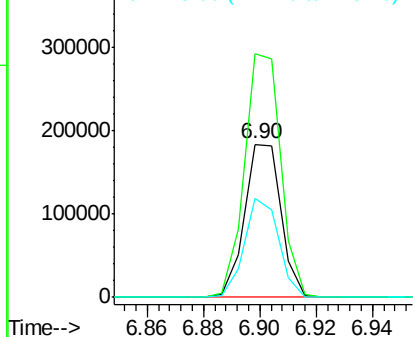
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100391.D
Acq: 10 Nov 2017 15:20

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 164161
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 64.3 50.1 75.1



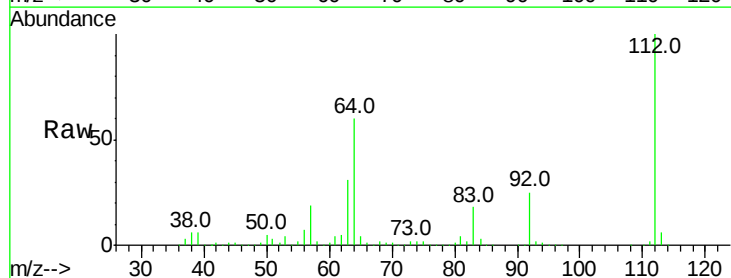
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



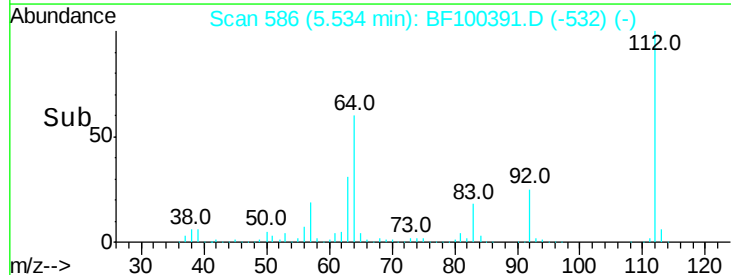
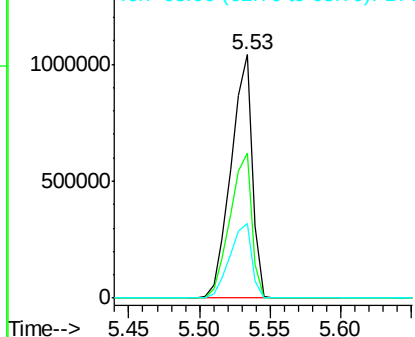
#5

2-Fluorophenol
Concen: 106.496 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF100391.D
Acq: 10 Nov 2017 15:20

Tgt Ion:112 Resp: 1090623
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 30.9 23.7 35.5



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: 94.907 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100391.D

Acq: 10 Nov 2017 15:20

Instrument :

BNA_F

ClientSampleId :

TP-2

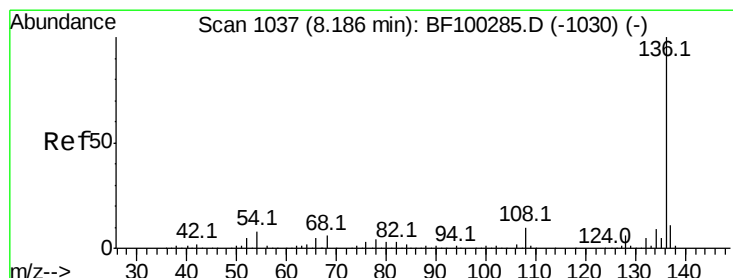
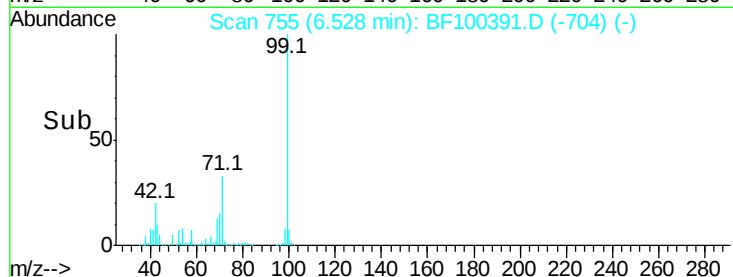
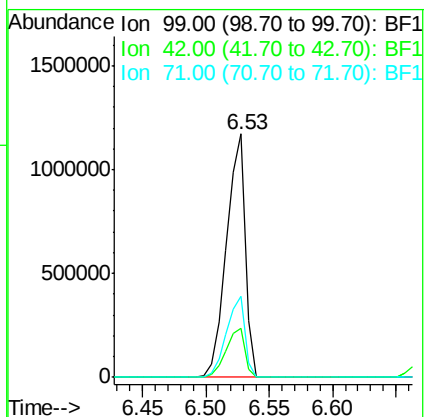
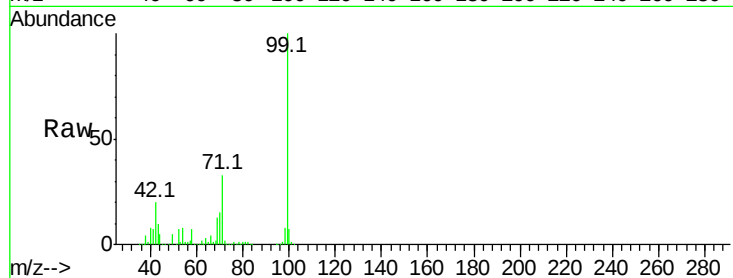
Tot Ion: 99 Resp: 1198523

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 33.4 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100391.D

Acq: 10 Nov 2017 15:20

Tgt Ion: 136 Resp: 663553

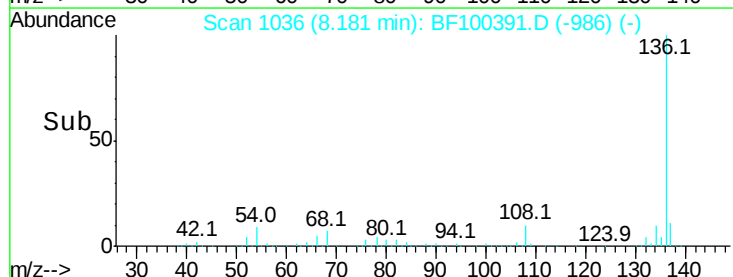
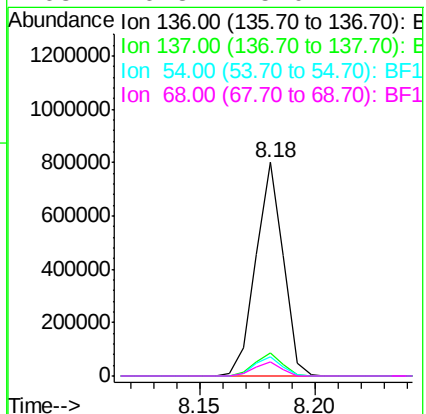
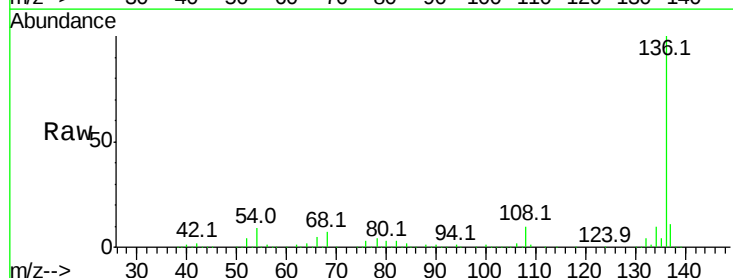
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.8 6.6 9.8

68 6.8 5.0 7.4

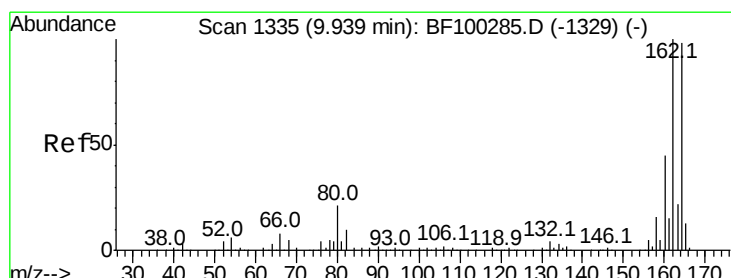
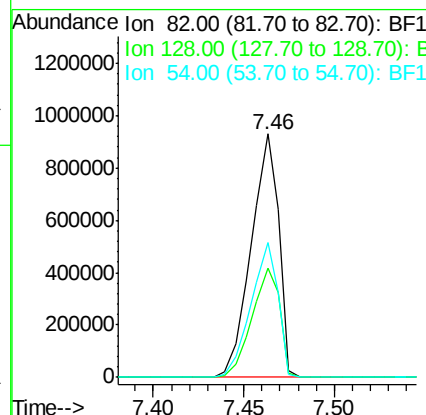
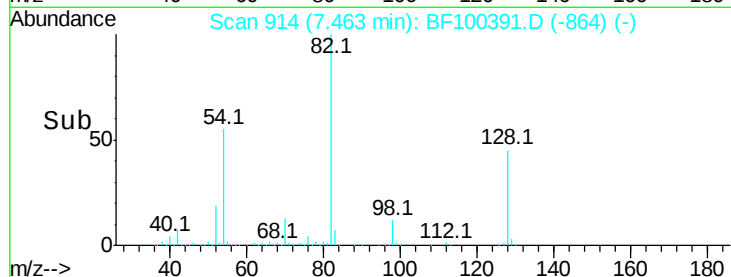
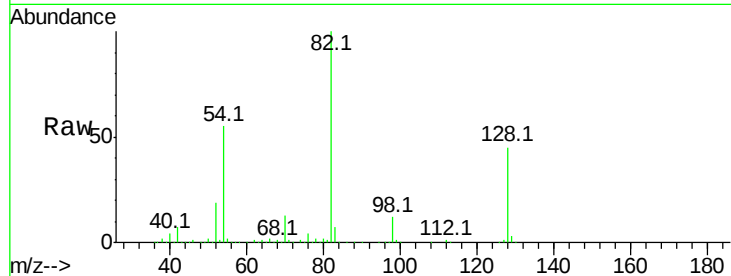




#23
Nitrobenzene-d5
Concen: 97.661 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100391.D
Acq: 10 Nov 2017 15:20

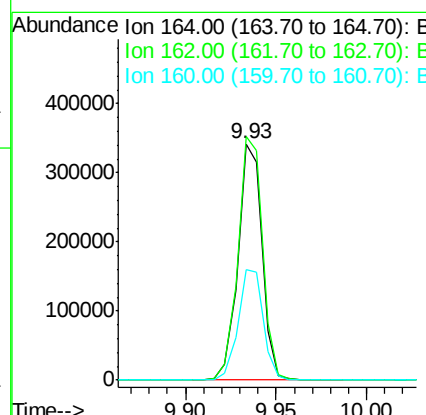
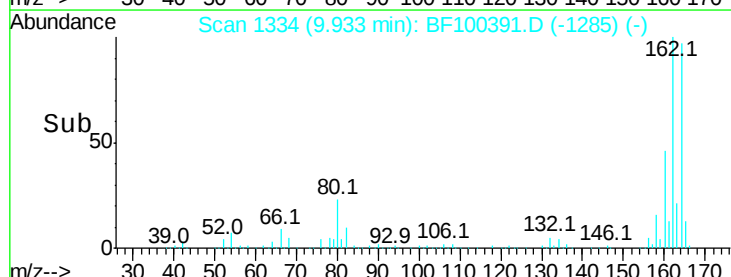
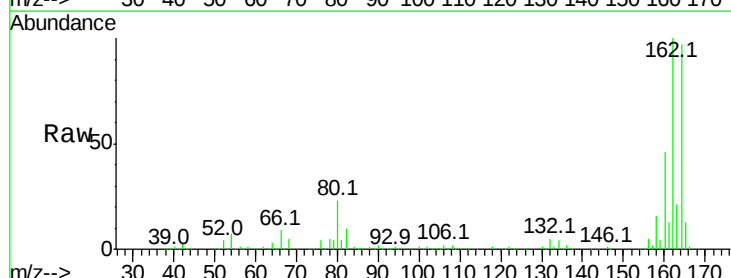
Instrument :
BNA_F
ClientSampleId :
TP-2

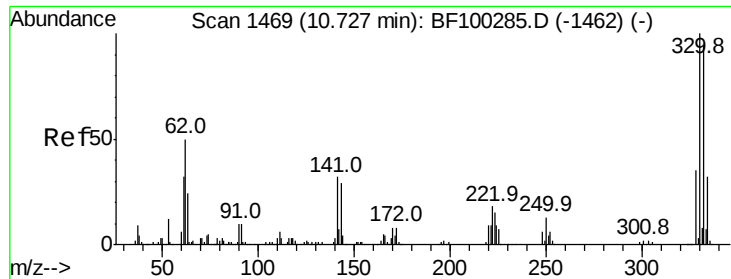
Tot Ion: 82 Resp: 980181
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 55.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100391.D
Acq: 10 Nov 2017 15:20

Tgt Ion: 164 Resp: 314562
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 47.0 38.3 57.5

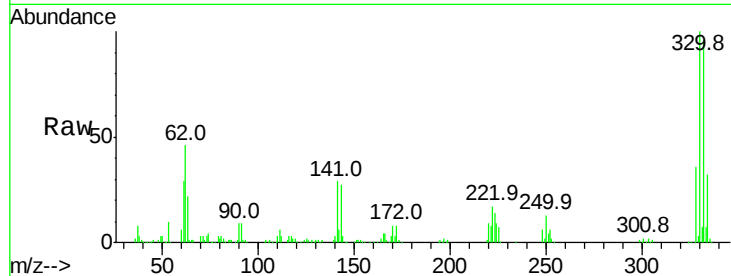




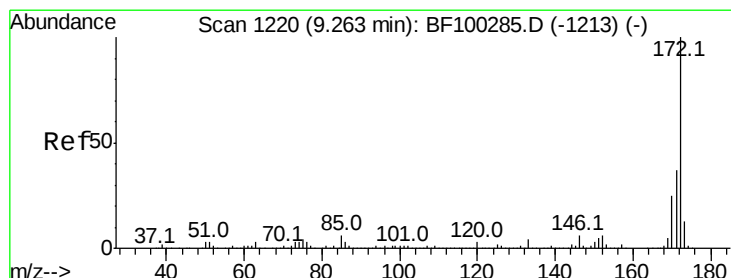
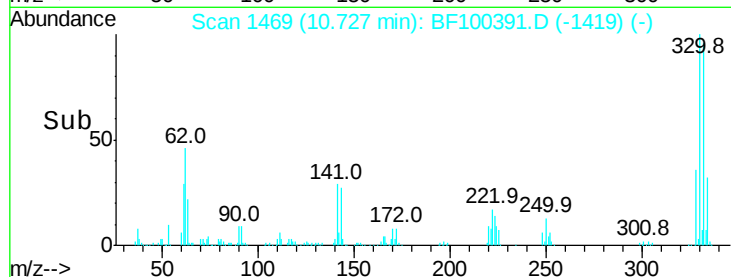
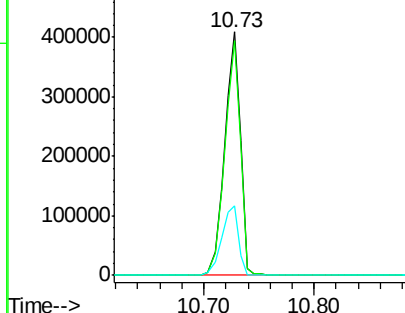
#41
 2,4,6-Tribromophenol
 Concen: 127.077 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100391.D
 Acq: 10 Nov 2017 15:20

Instrument :
 BNA_F
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	30.2	29.9	44.9

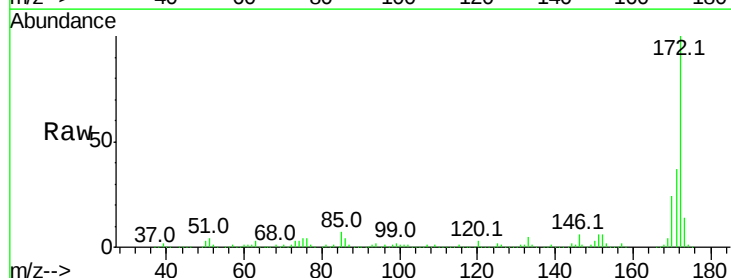


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

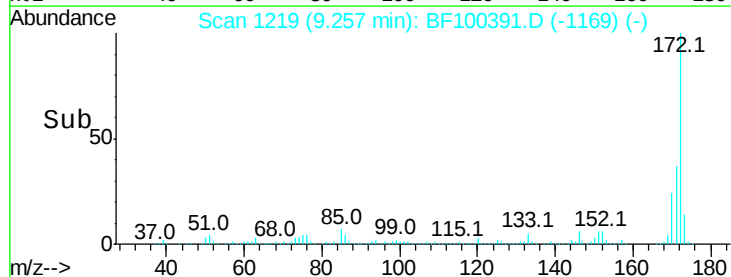
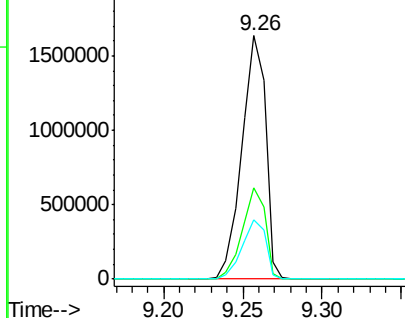


#44
 2-Fluorobiphenyl
 Concen: 82.322 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100391.D
 Acq: 10 Nov 2017 15:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.5	19.6	29.4



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

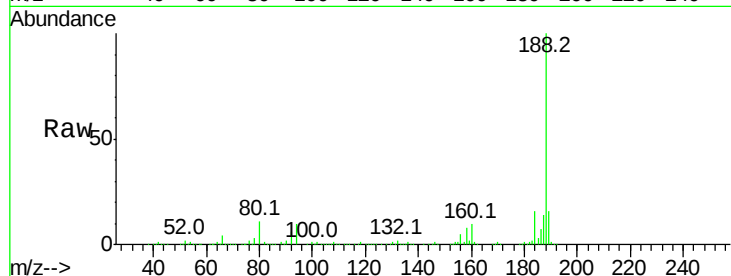




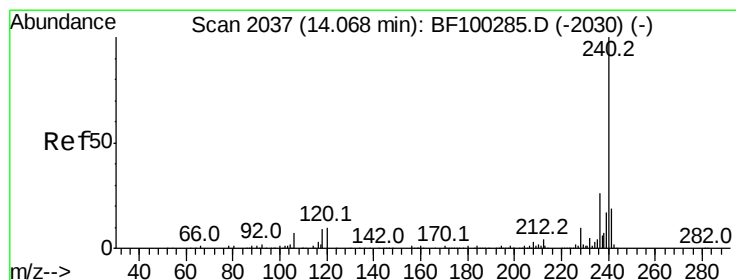
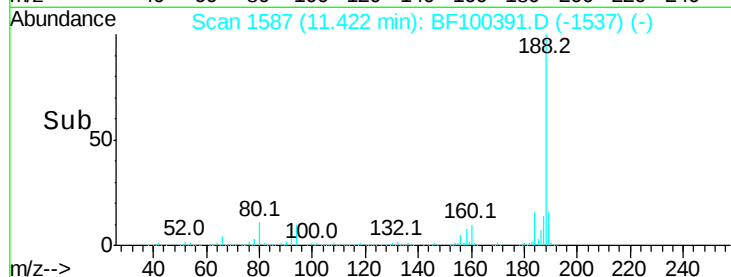
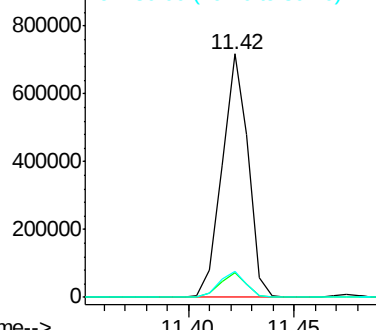
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100391.D
Acq: 10 Nov 2017 15:20

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:188 Resp: 614558
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8

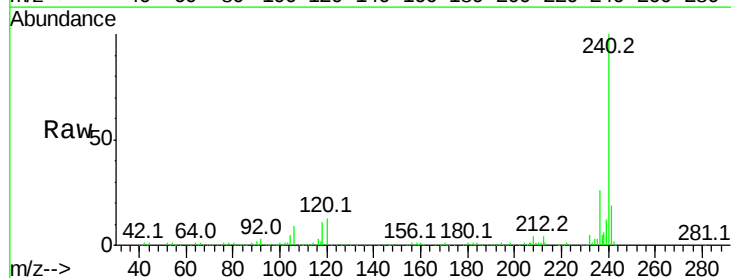


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

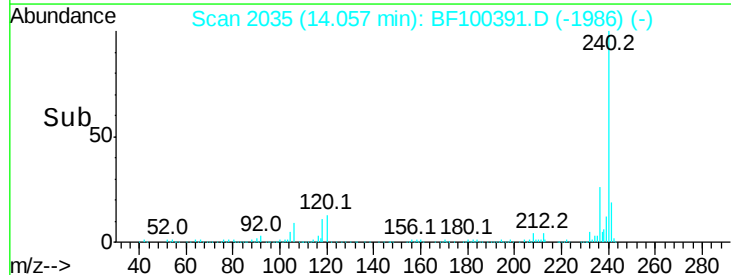
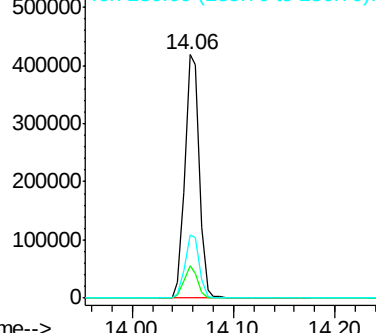


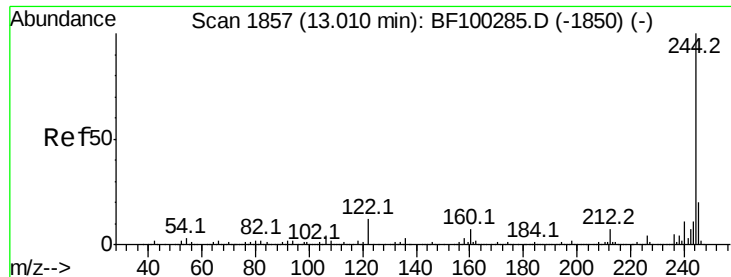
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF100391.D
Acq: 10 Nov 2017 15:20

Tgt Ion:240 Resp: 416427
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 25.7 20.7 31.1



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





#78

Terphenyl-d14

Concen: 90.319 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100391.D

Acq: 10 Nov 2017 15:20

Instrument :

BNA_F

ClientSampleId :

TP-2

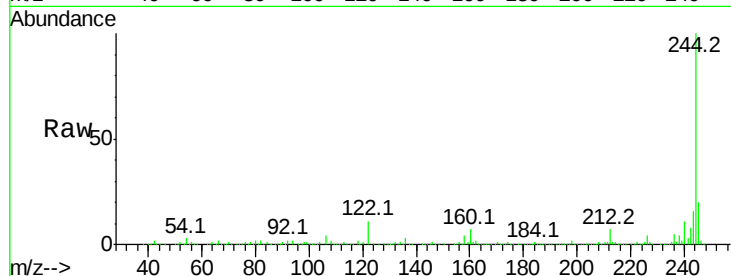
Tot Ion:244 Resp: 1636904

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

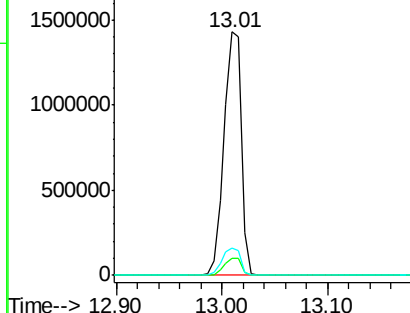
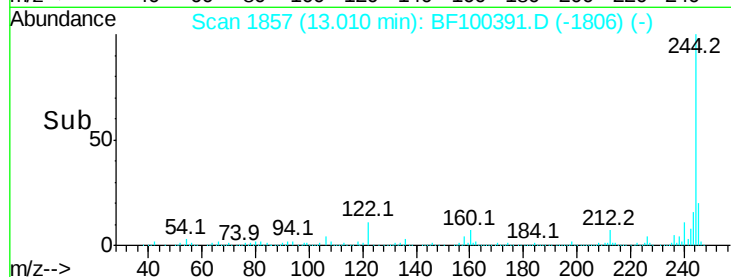
122 11.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BF100391.D

Acq: 10 Nov 2017 15:20

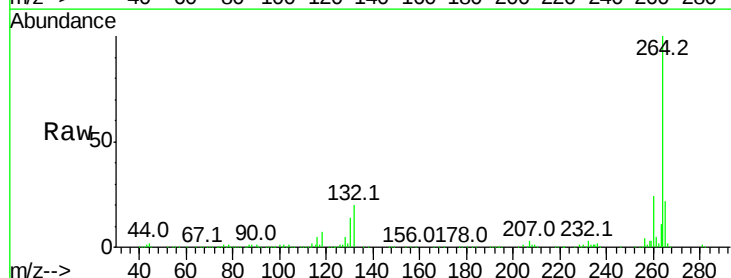
Tgt Ion:264 Resp: 365301

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 17.5 26.3



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

