

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113085.D
 Acq On : 18 Mar 2019 12:53
 Operator : JU/SJ
 Sample : K1685-05 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-C

Quant Time: Mar 19 05:06:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	198106	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	856289	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	424264	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	850439	20.00	ng	0.00
76) Chrysene-d12	13.86	240	615307	20.00	ng	0.00
87) Perylene-d12	15.27	264	595789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	227289	17.85	ng	-0.01
7) Phenol-d6	6.36	99	366535	22.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	199823	13.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	127085	28.22	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	481521	14.35	ng	-0.01
79) Terphenyl-d14	12.82	244	508645	16.02	ng	0.00

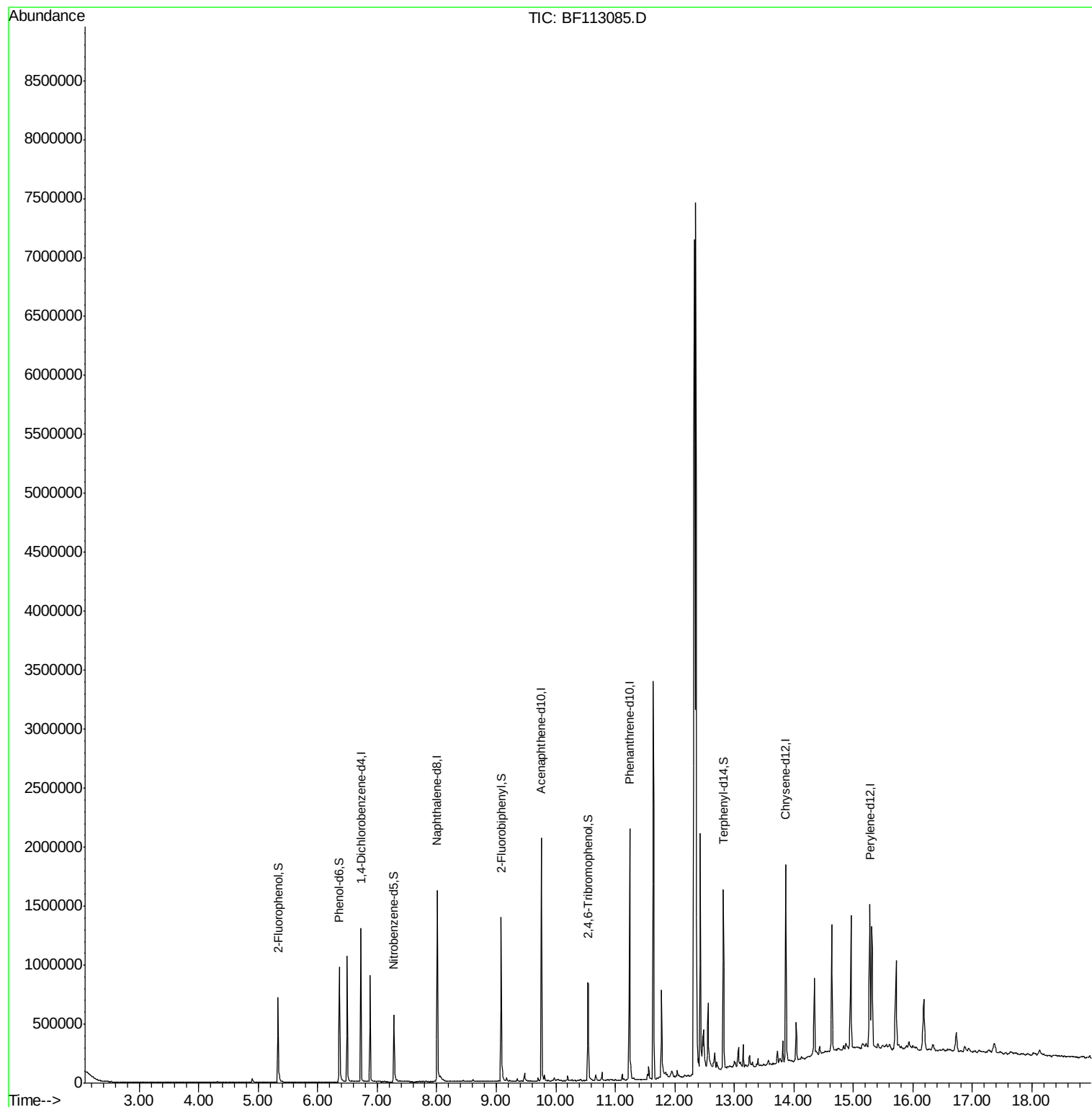
Target Compounds Qvalue

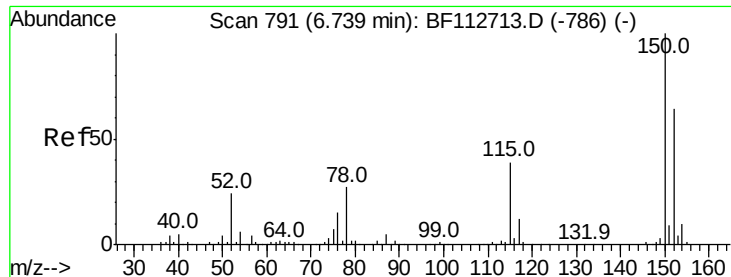
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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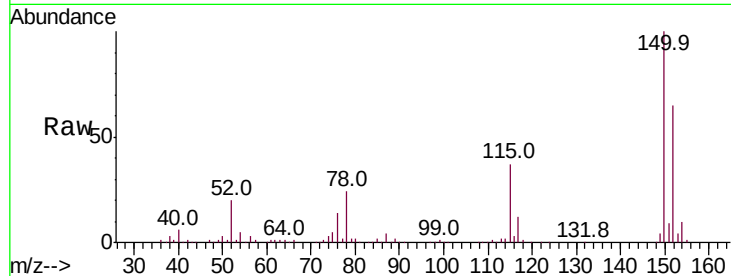


#1

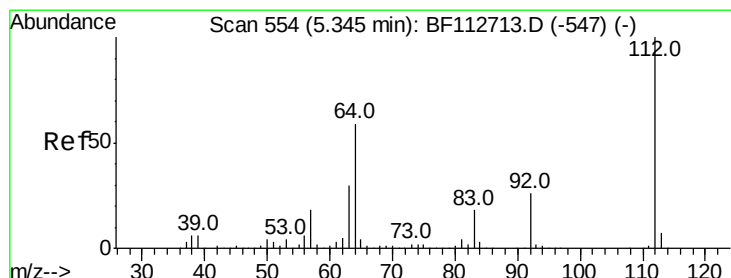
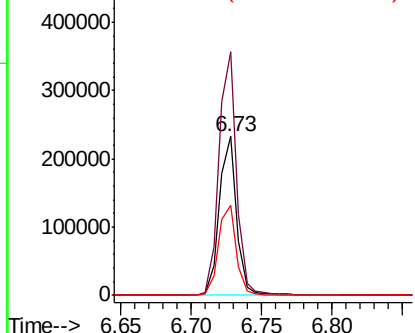
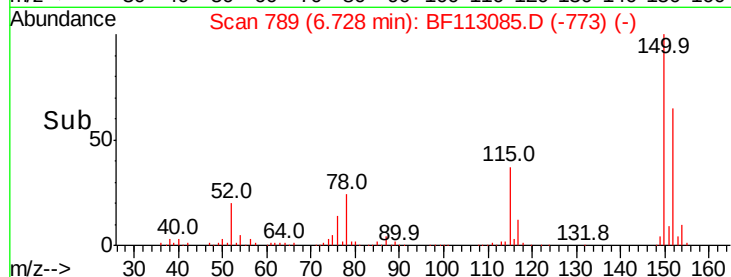
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113085.D
Acq: 18 Mar 2019 12:53

Instrument :
BNA_F
ClientSampleId :
AU-05-031419-C

Tot Ion:152 Resp: 198106
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.2
115 57.1 48.2 72.4



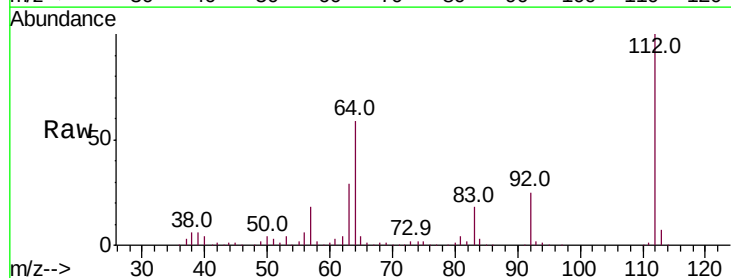
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



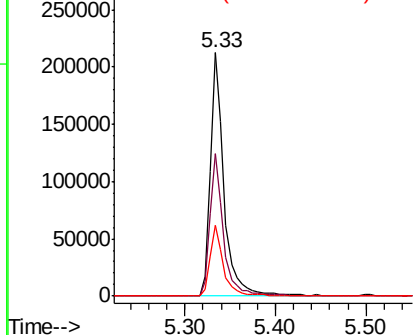
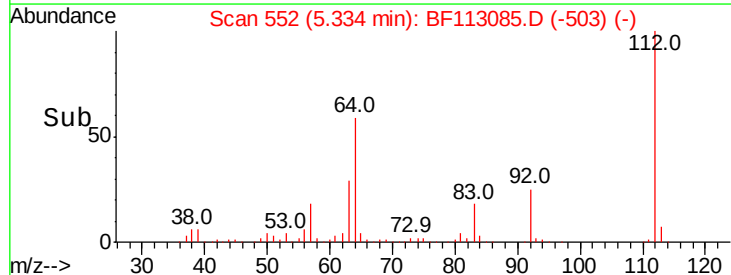
#5

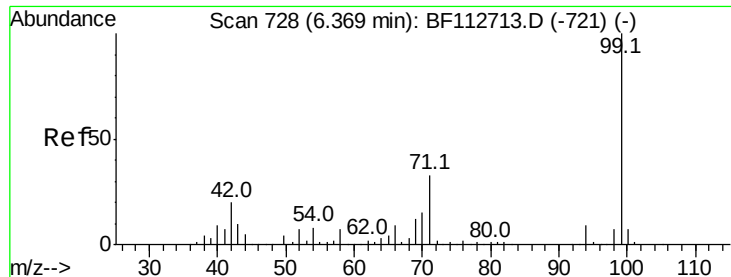
2-Fluorophenol
Concen: 17.847 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113085.D
Acq: 18 Mar 2019 12:53

Tgt Ion:112 Resp: 227289
Ion Ratio Lower Upper
112 100
64 58.6 47.6 71.4
63 29.0 24.4 36.6



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: 22.912 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113085.D

Acq: 18 Mar 2019 12:53

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-C

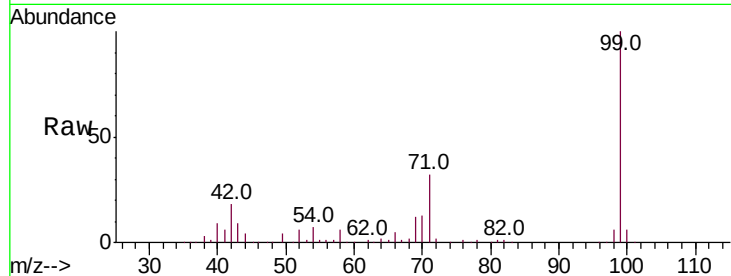
Tot Ion: 99 Resp: 366535

Ion Ratio Lower Upper

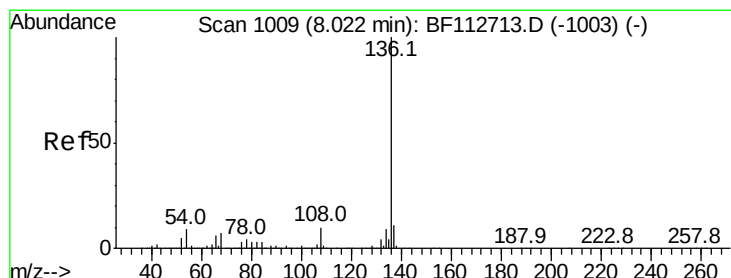
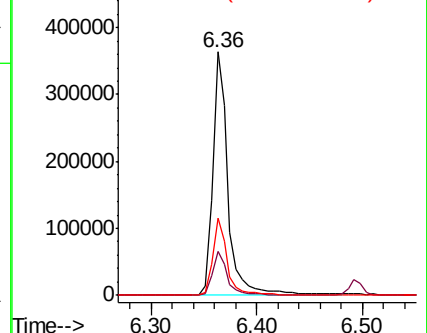
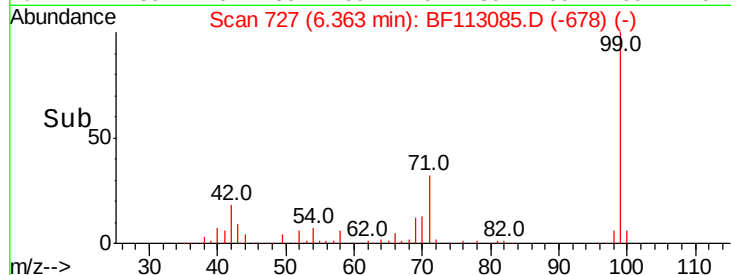
99 100

42 18.0 16.3 24.5

71 31.5 26.2 39.4



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113085.D

Acq: 18 Mar 2019 12:53

Tgt Ion: 136 Resp: 856289

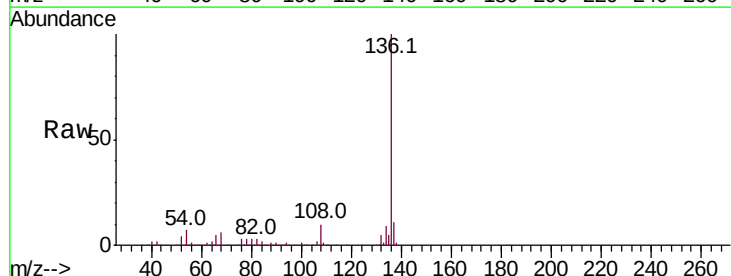
Ion Ratio Lower Upper

136 100

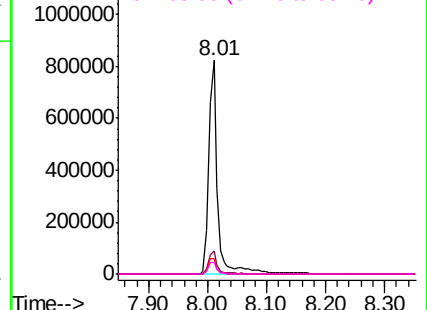
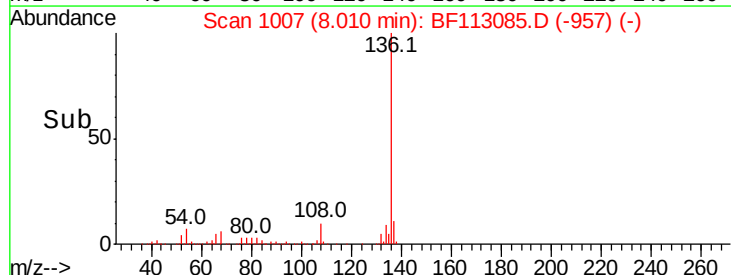
137 10.9 8.9 13.3

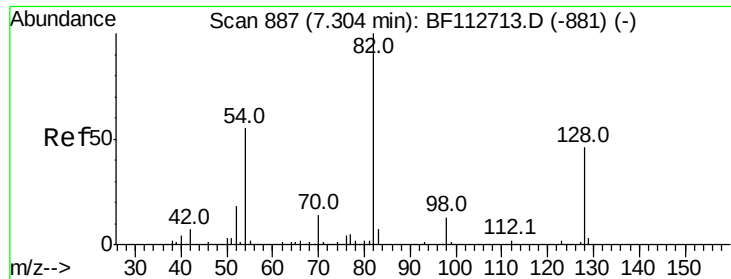
54 7.4 7.3 10.9

68 5.6 5.4 8.2



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

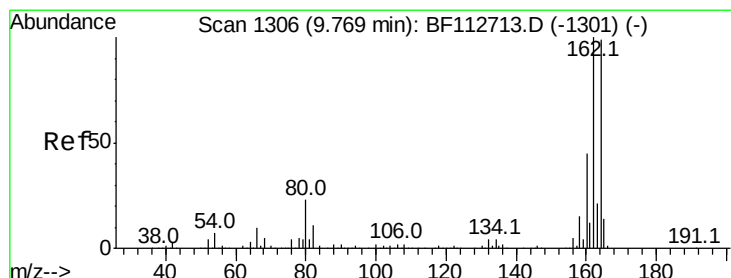
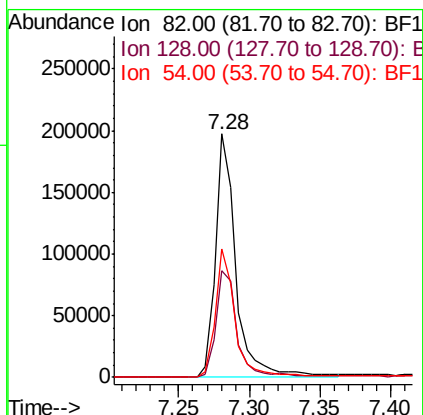
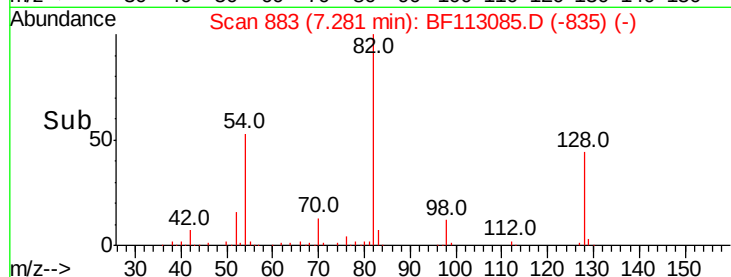
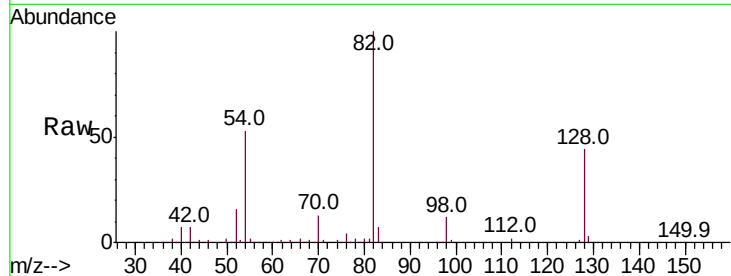




#23
Nitrobenzene-d5
Concen: 13.964 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113085.D
Acq: 18 Mar 2019 12:53

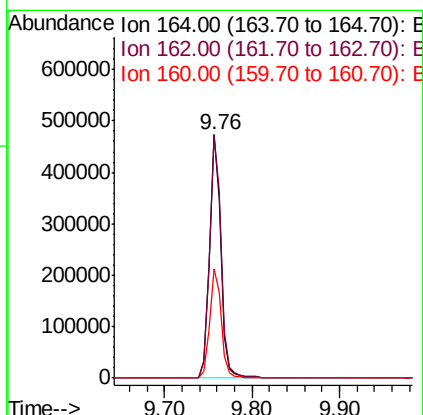
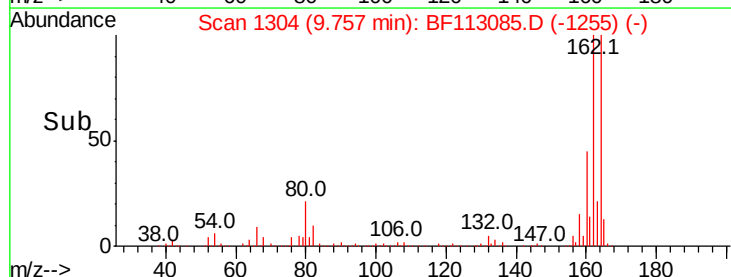
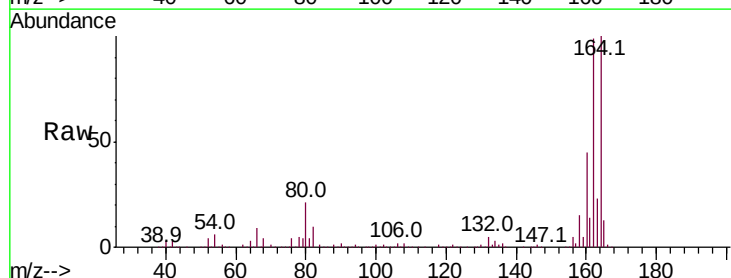
Instrument :
BNA_F
ClientSampleId :
AU-05-031419-C

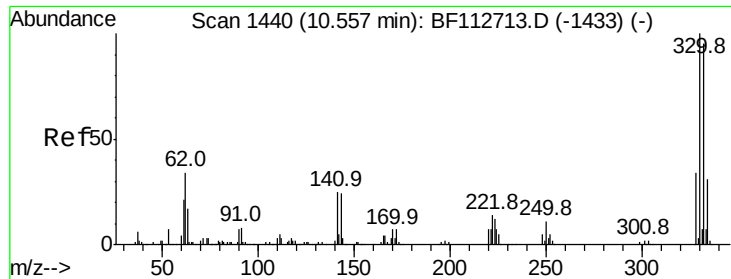
Tot Ion: 82 Resp: 199823
Ion Ratio Lower Upper
82 100
128 44.0 36.3 54.5
54 52.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113085.D
Acq: 18 Mar 2019 12:53

Tgt Ion:164 Resp: 424264
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 44.8 36.0 54.0

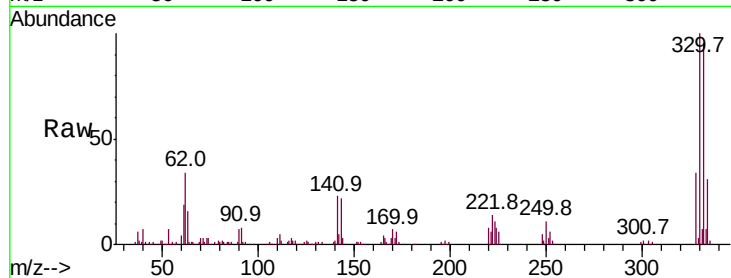




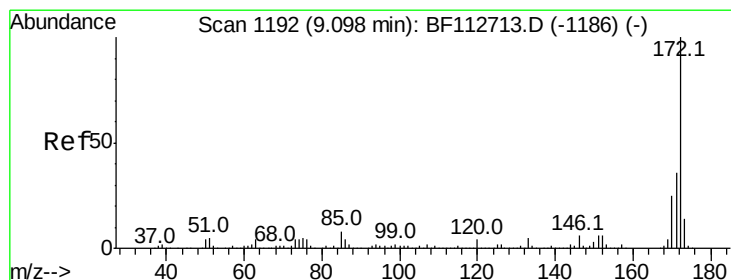
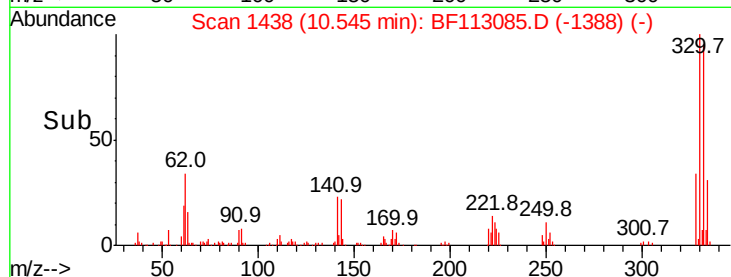
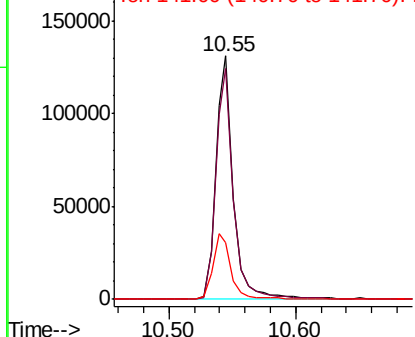
#42
 2,4,6-Tribromophenol
 Concen: 28.215 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113085.D
 Acq: 18 Mar 2019 12:53

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-031419-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.2	114.4
141	28.2	27.0	40.6

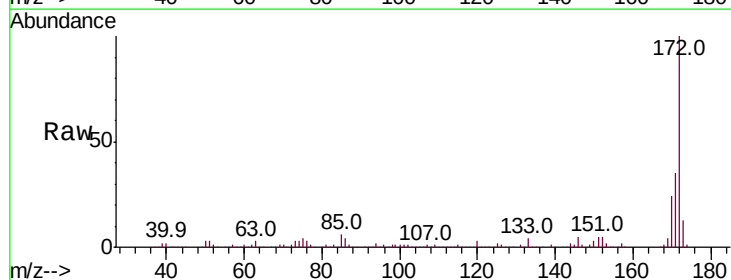


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

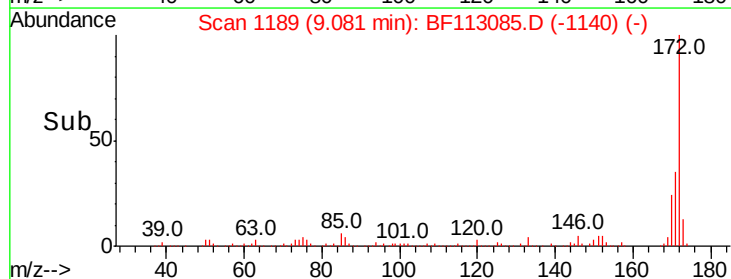
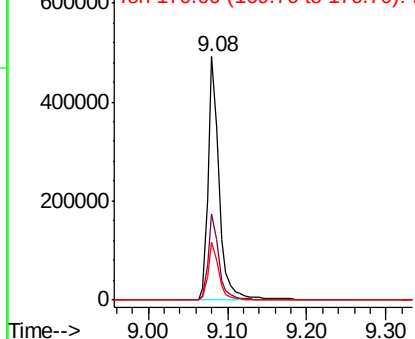


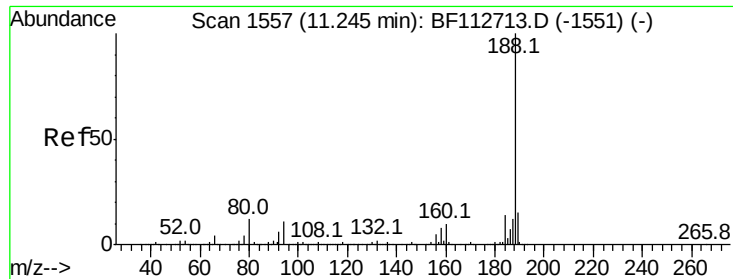
#45
 2-Fluorobiphenyl
 Concen: 14.348 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113085.D
 Acq: 18 Mar 2019 12:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.9	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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113085.D

Acq: 18 Mar 2019 12:53

Instrument :

BNA_F

ClientSampleId :

AU-05-031419-C

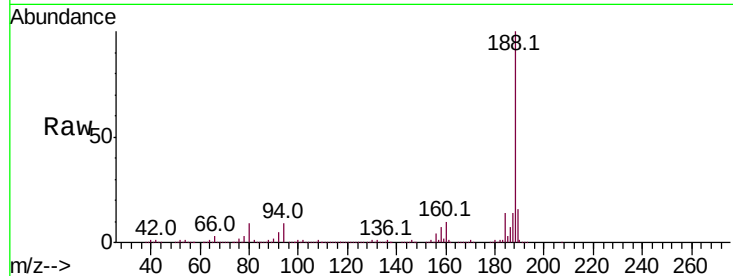
Tot Ion:188 Resp: 850439

Ion Ratio Lower Upper

188 100

94 8.8 9.0 13.4#

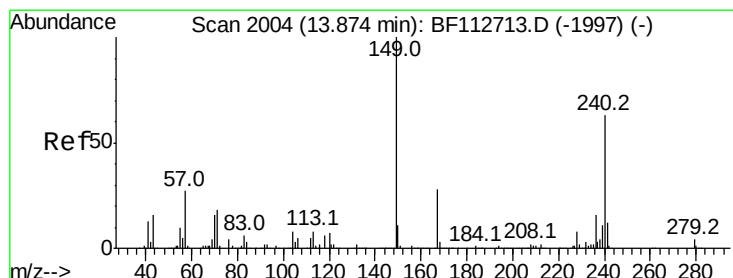
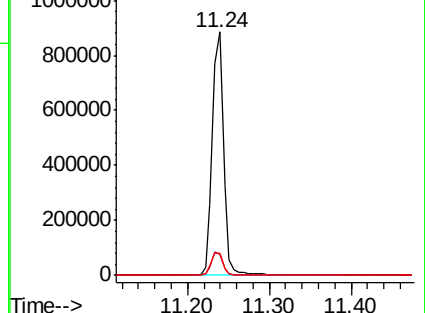
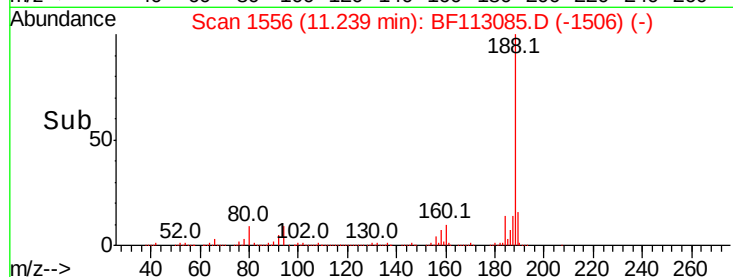
80 9.1 9.2 13.8#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113085.D

Acq: 18 Mar 2019 12:53

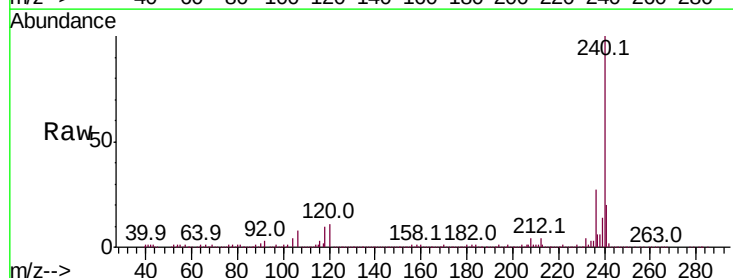
Tgt Ion:240 Resp: 615307

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

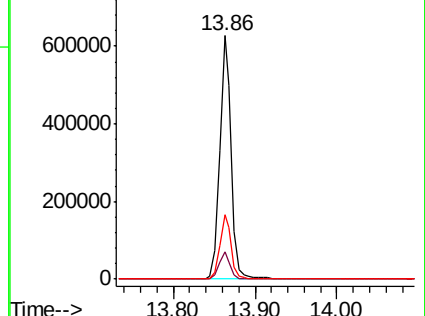
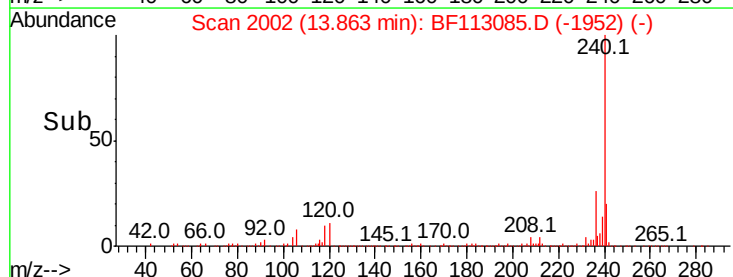
236 26.5 20.7 31.1

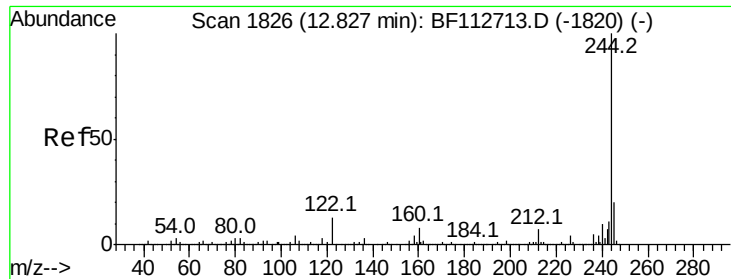


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

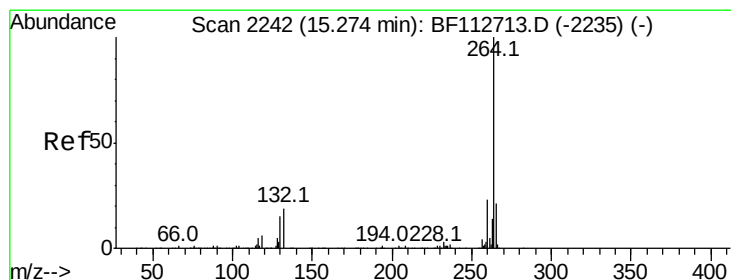
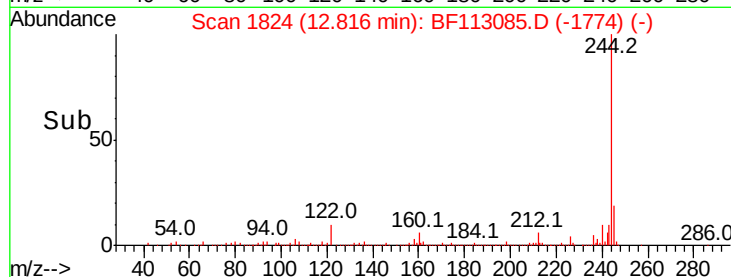
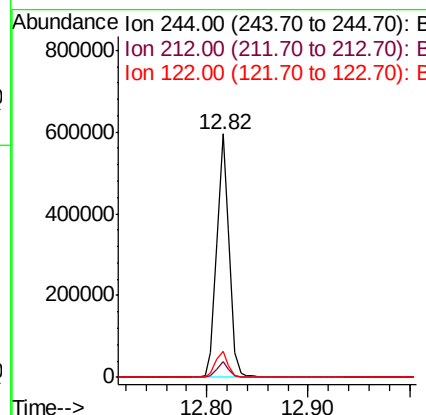
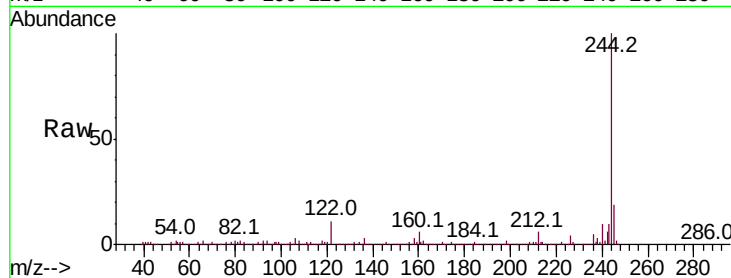




#79
 Terphenyl-d14
 Concen: 16.025 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113085.D
 Acq: 18 Mar 2019 12:53

Instrument :
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 AU-05-031419-C

Tot Ion:244 Resp: 508645
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.6 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113085.D
 Acq: 18 Mar 2019 12:53

Tgt Ion:264 Resp: 595789
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.6 17.2 25.8

