

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112043.D
 Acq On : 12 Jan 2019 4:25
 Operator : JU/SJ
 Sample : K1114-06 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-F

Quant Time: Jan 12 05:35:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	102702	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	333063	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	158405	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	311735	20.00	ng	0.00
76) Chrysene-d12	14.04	240	243046	20.00	ng	0.00
87) Perylene-d12	15.52	264	183154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	46302	7.71	ng	0.00
7) Phenol-d6	6.52	99	60827	7.86	ng	0.00
23) Nitrobenzene-d5	7.43	82	32187	5.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	15453	7.50	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	71440	6.58	ng	0.00
79) Terphenyl-d14	12.97	244	90625	7.08	ng	-0.01

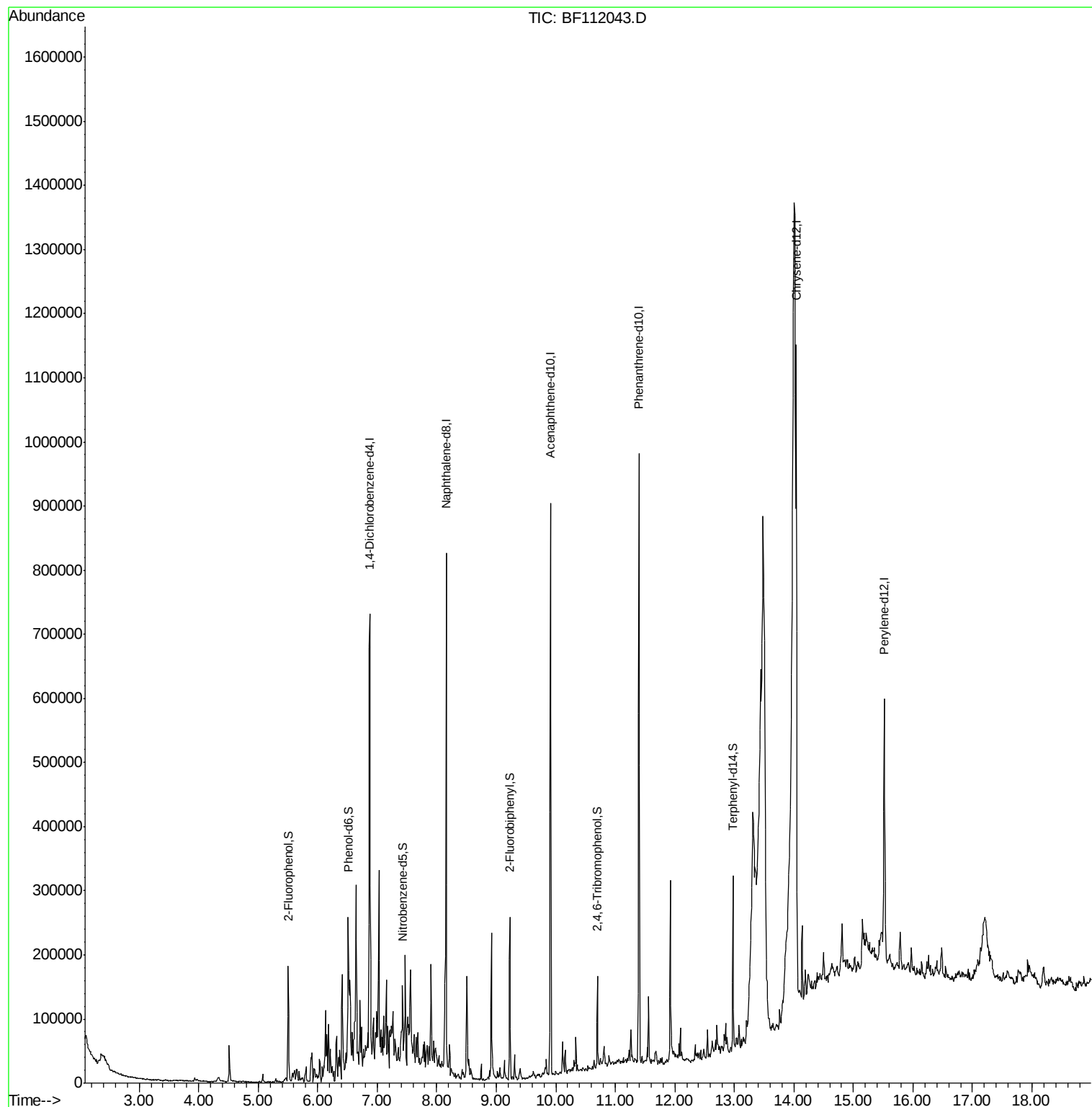
Target Compounds	Qvalue
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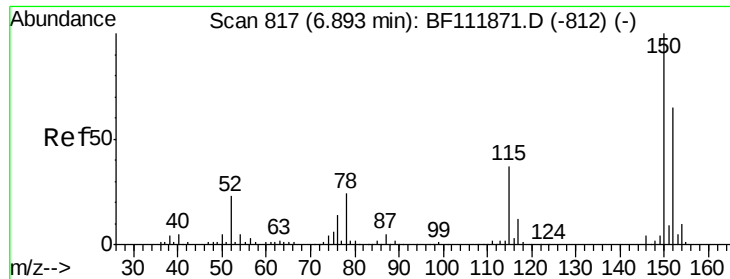
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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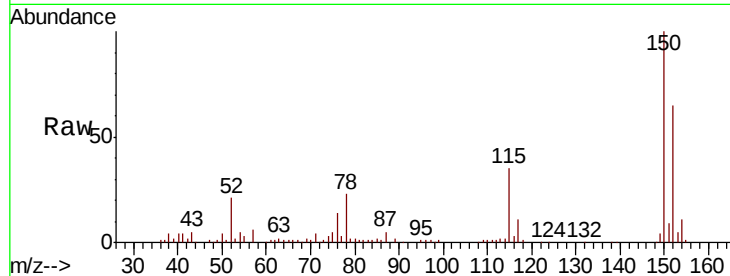


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Instrument :
BNA_F
ClientSampleId :
PM-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.7	184.1
115	54.3	45.2	67.8

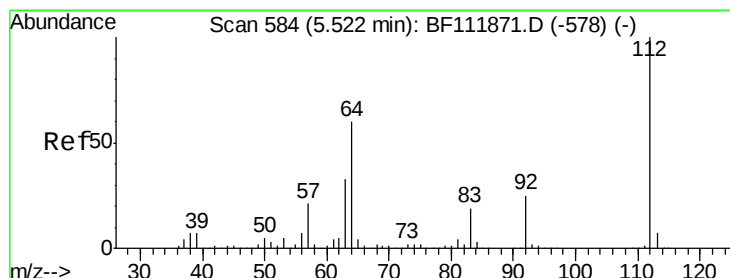
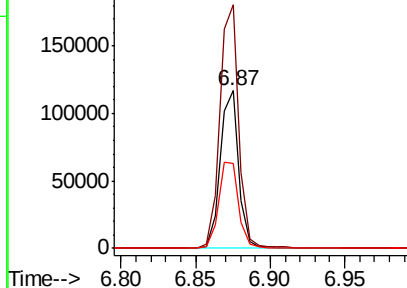
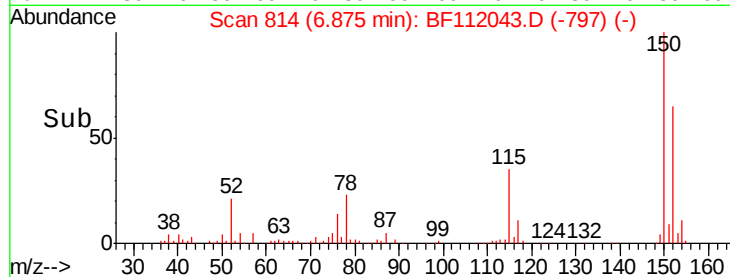


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

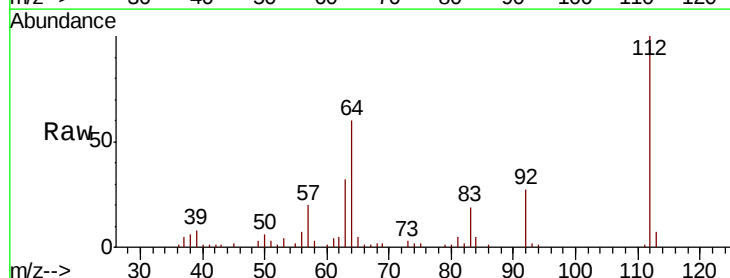
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.713 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.3	72.5
63	31.6	26.1	39.1

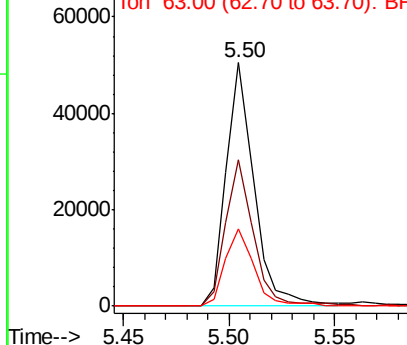
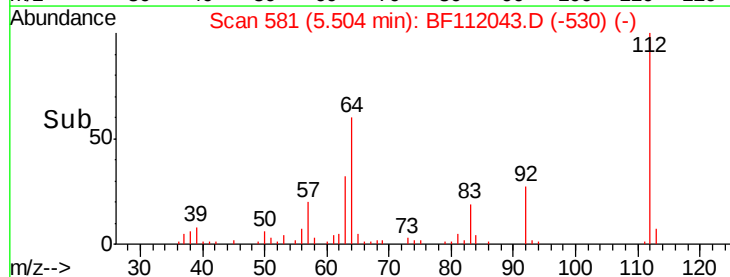


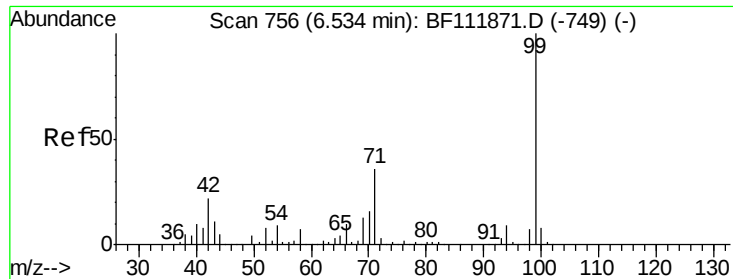
Abundance

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: 7.862 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Instrument :

BNA_F

ClientSampleId :

PM-F

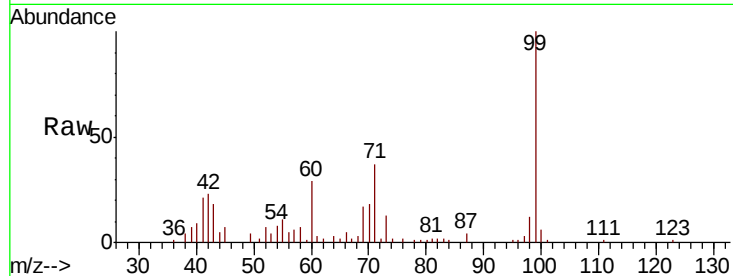
Tot Ion: 99 Resp: 60827

Ion Ratio Lower Upper

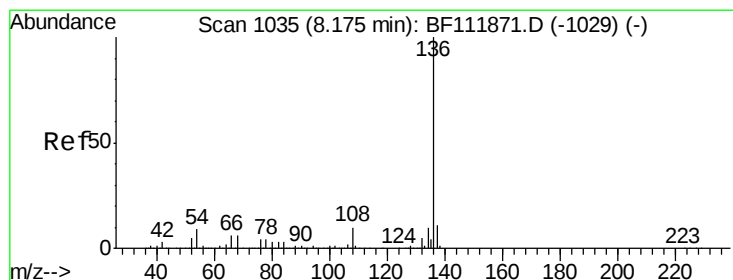
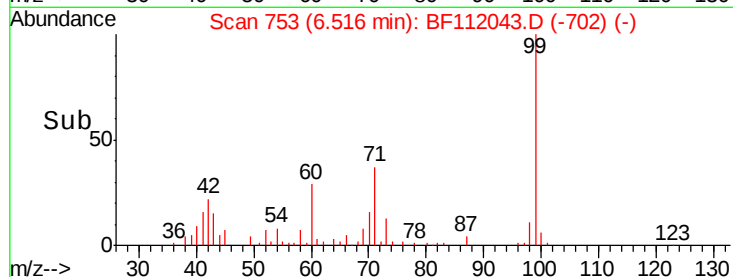
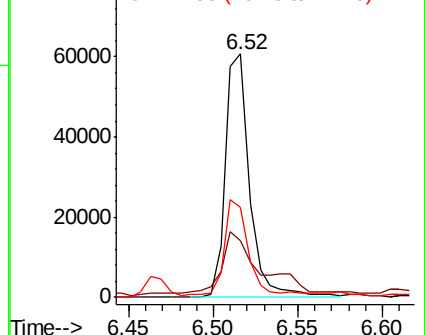
99 100

42 23.3 17.9 26.9

71 36.9 28.7 43.1



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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Tgt Ion: 136 Resp: 333063

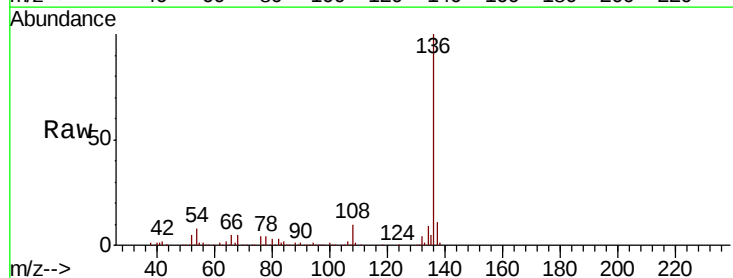
Ion Ratio Lower Upper

136 100

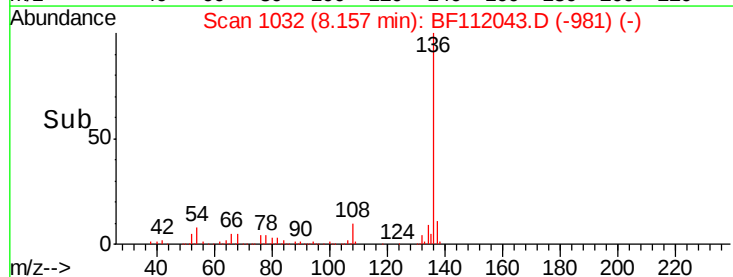
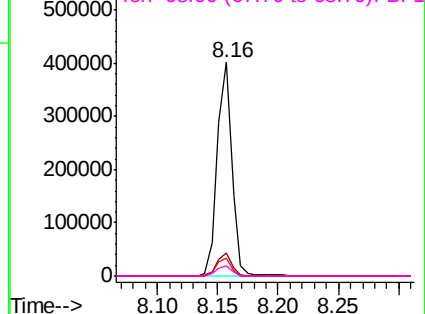
137 10.5 9.1 13.7

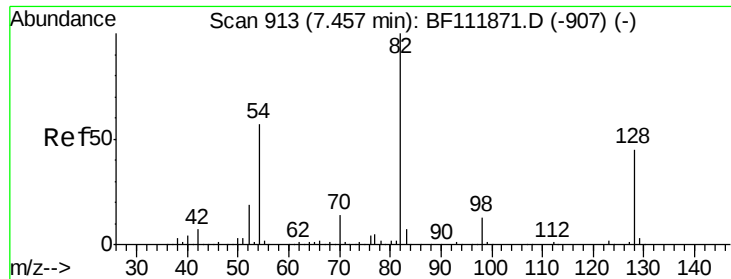
54 8.2 7.2 10.8

68 5.0 4.4 6.6



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

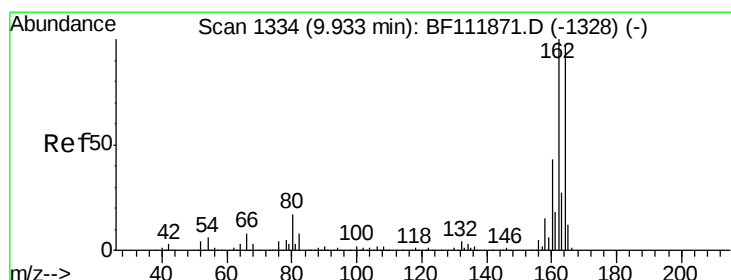
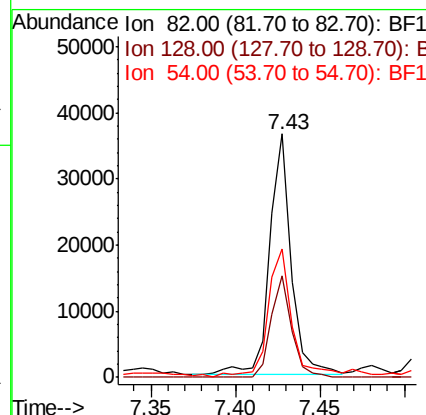
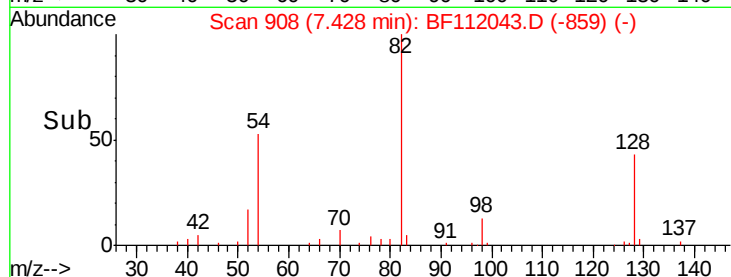
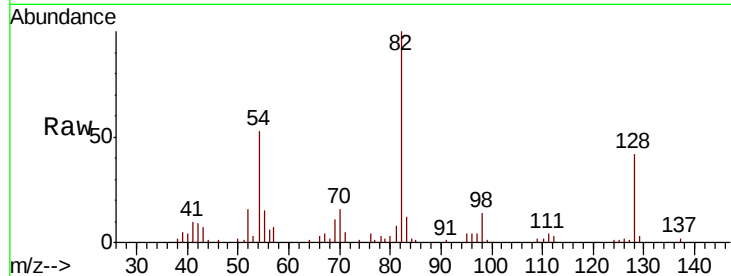




#23
Nitrobenzene-d5
Concen: 5.165 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

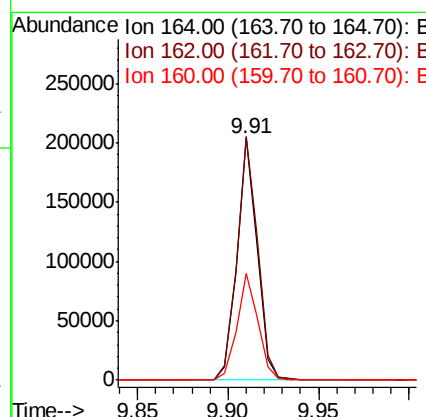
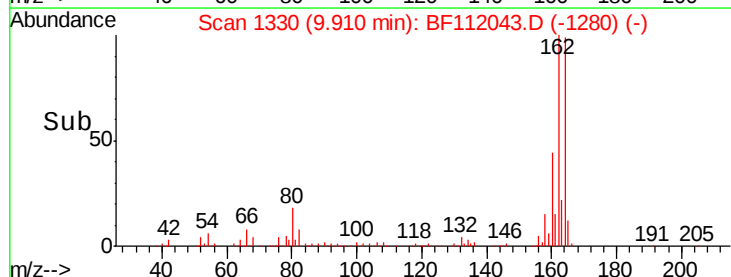
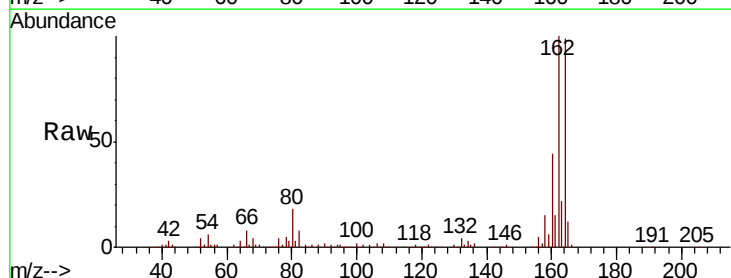
Instrument :
BNA_F
ClientSampleId :
PM-F

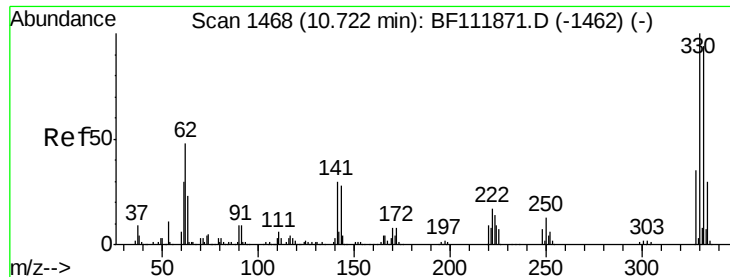
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.7	53.5
54	52.8	45.8	68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	44.3	35.5	53.3





#42

2,4,6-Tribromophenol

Concen: 7.500 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Instrument :

BNA_F

ClientSampled :

PM-F

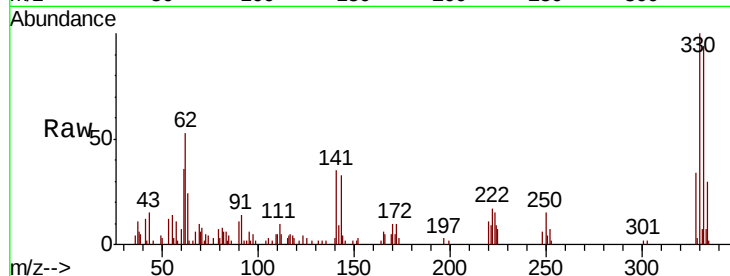
Tot Ion:330 Resp: 15453

Ion Ratio Lower Upper

330 100

332 100.9 76.9 115.3

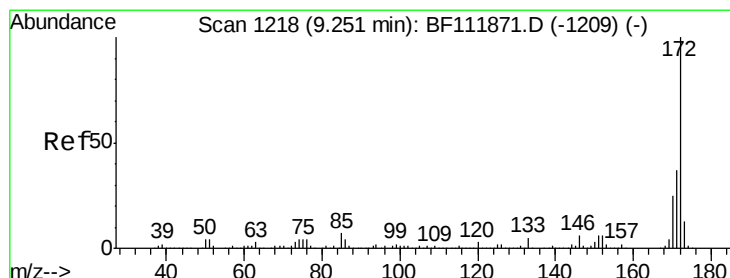
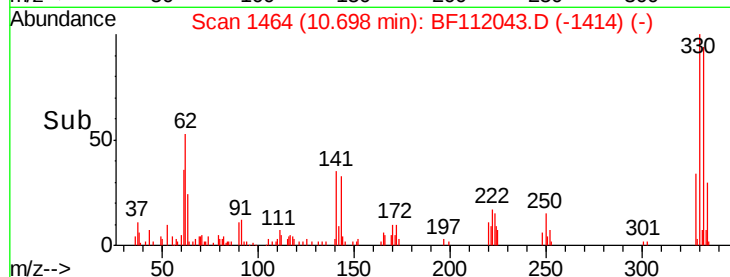
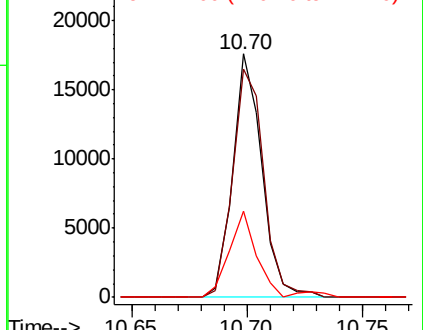
141 33.7 23.7 35.5



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: 6.576 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

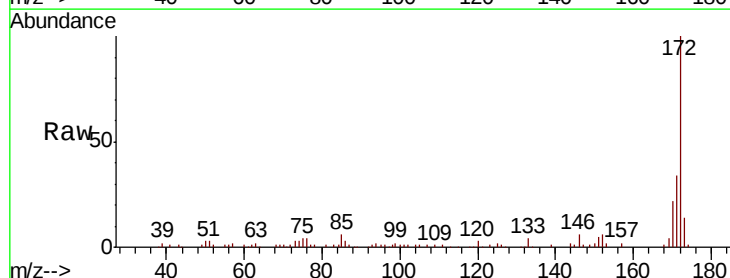
Tgt Ion:172 Resp: 71440

Ion Ratio Lower Upper

172 100

171 34.2 29.6 44.4

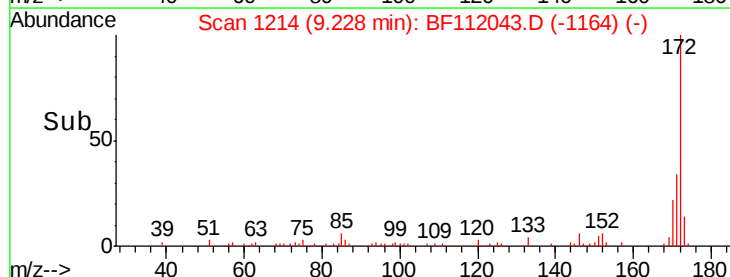
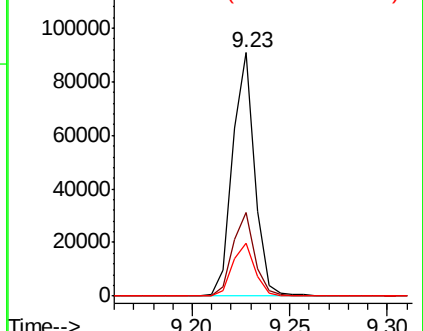
170 21.9 19.8 29.8

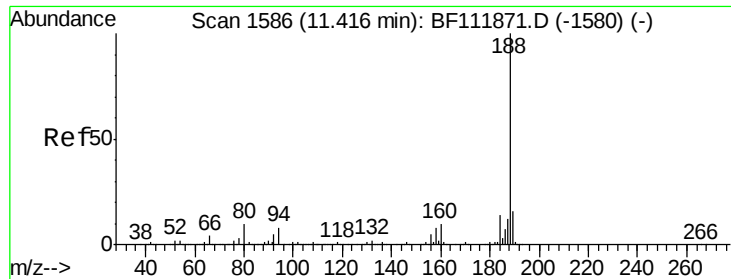


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

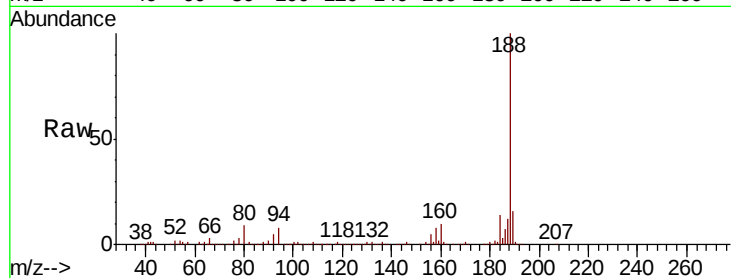




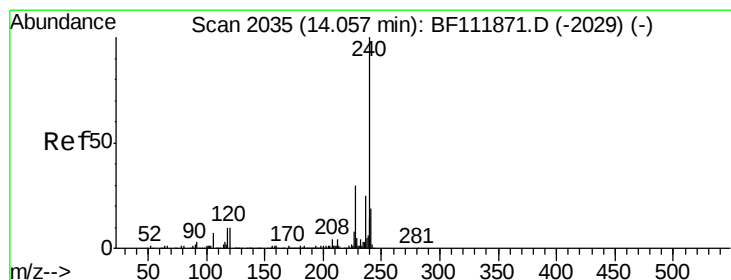
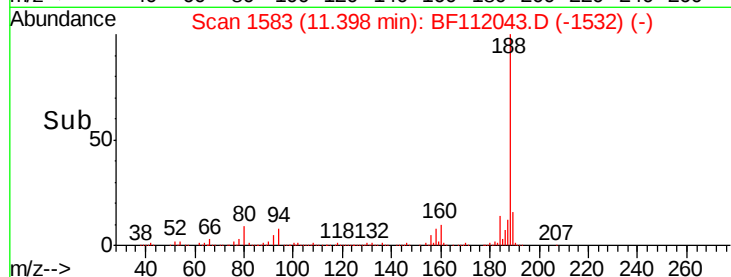
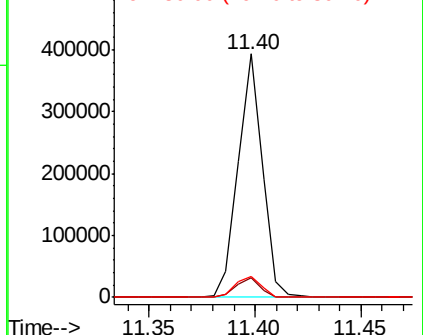
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Instrument :
BNA_F
ClientSampled :
PM-F

Tot Ion:188 Resp: 311735
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.6 7.7 11.5

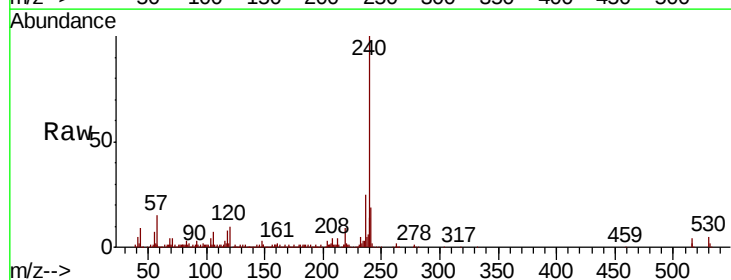


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

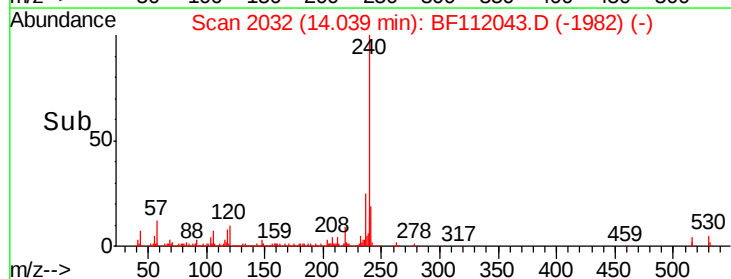
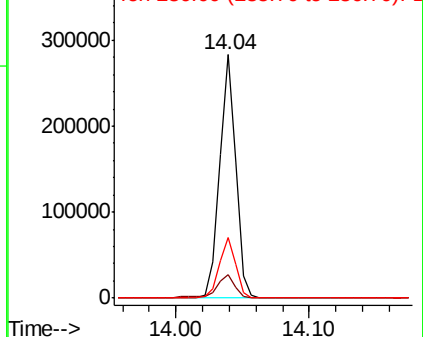


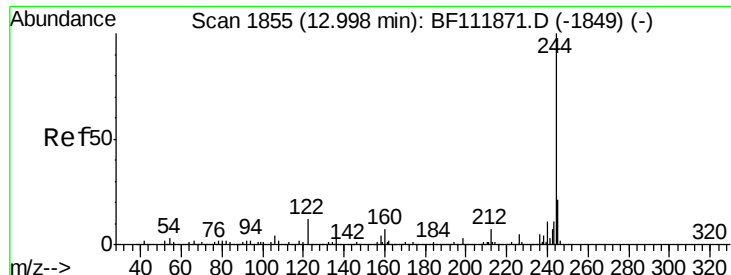
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112043.D
Acq: 12 Jan 2019 4:25

Tgt Ion:240 Resp: 243046
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.9 20.2 30.4



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: 7.078 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

Instrument :

BNA_F

ClientSampleId :

PM-F

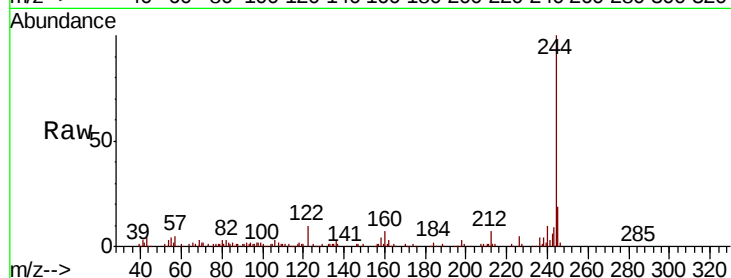
Tot Ion:244 Resp: 90625

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

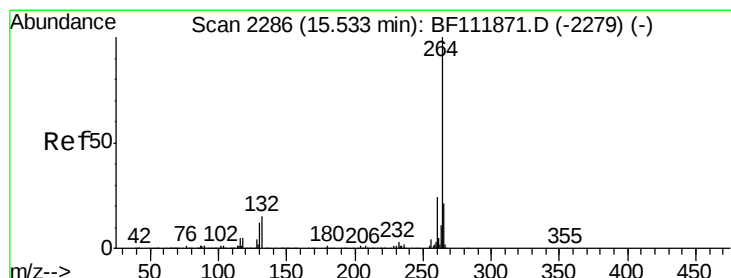
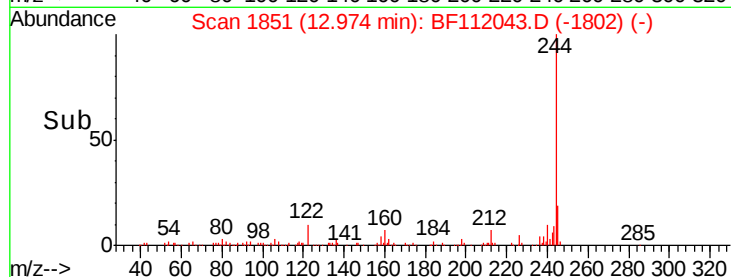
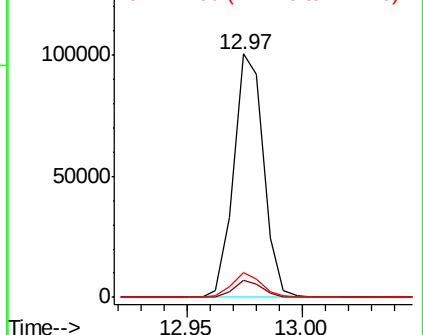
122 10.2 9.5 14.3



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: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF112043.D

Acq: 12 Jan 2019 4:25

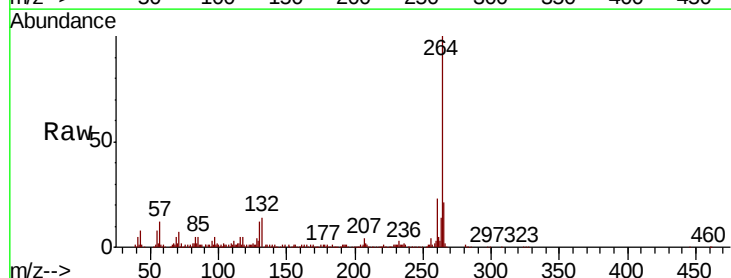
Tgt Ion:264 Resp: 183154

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.9 17.1 25.7



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

