

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110262.D
 Acq On : 29 Oct 2018 15:06
 Operator : JU/SJ
 Sample : J5649-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-03A

Quant Time: Oct 30 10:27:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	84047	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	350491	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	147395	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	227295	20.00	ng	0.00
76) Chrysene-d12	14.15	240	179332	20.00	ng	0.00
87) Perylene-d12	15.69	264	150312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	50078	9.70	ng	0.00
7) Phenol-d6	6.58	99	77388	11.72	ng	-0.01
23) Nitrobenzene-d5	7.53	82	40619	6.87	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	35338	24.20	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	83722	8.92	ng	0.00
79) Terphenyl-d14	13.09	244	316257	36.68	ng	0.00

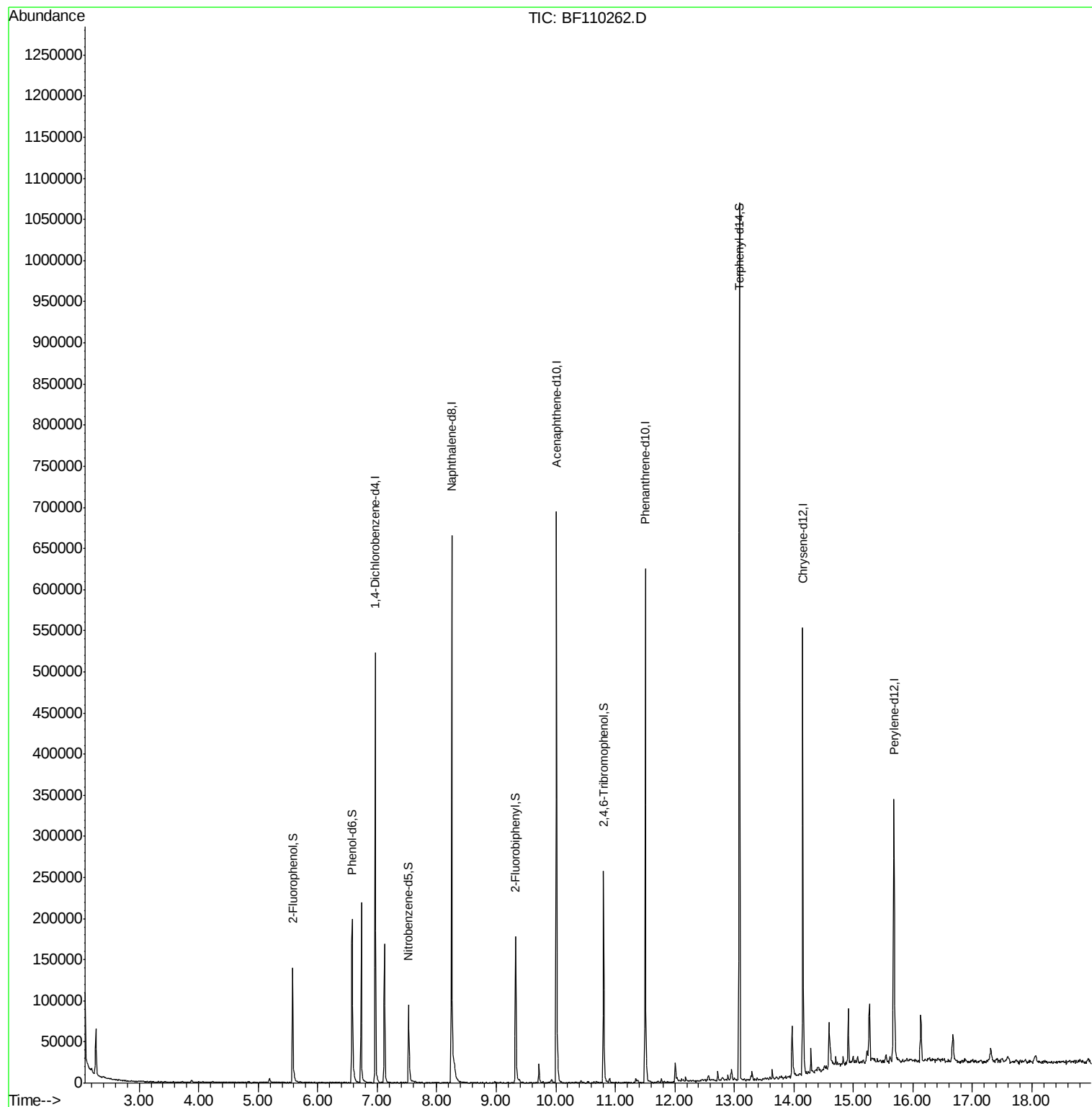
Target Compounds Qvalue

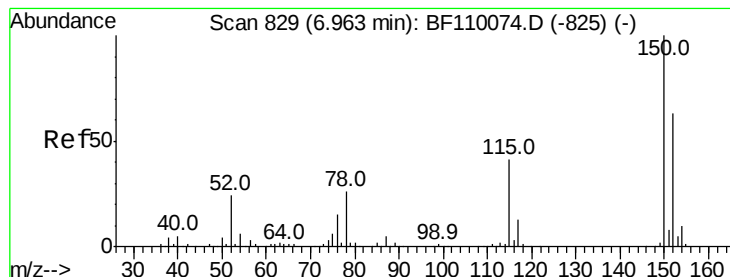
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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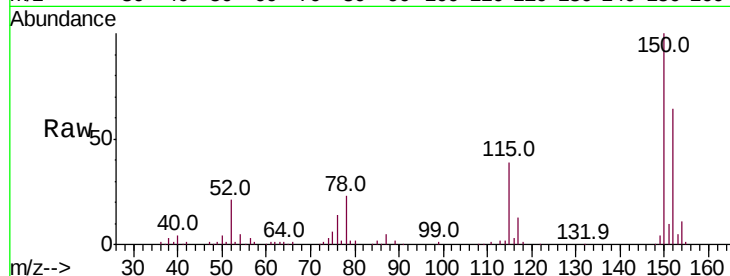


#1

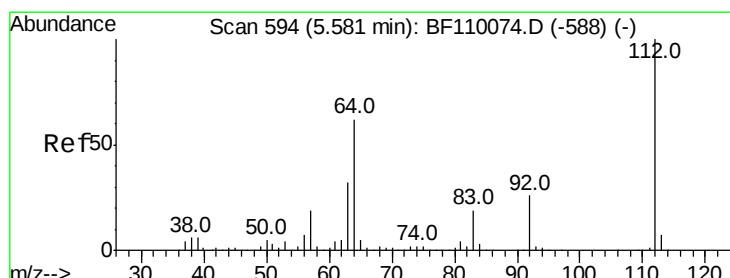
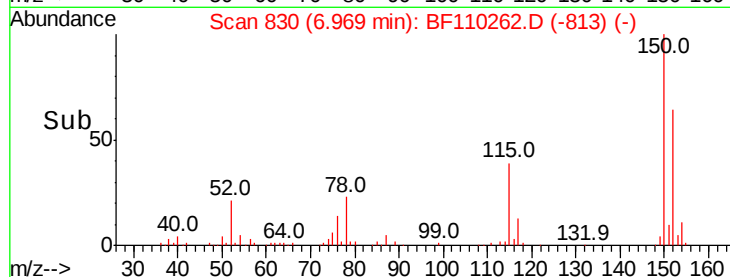
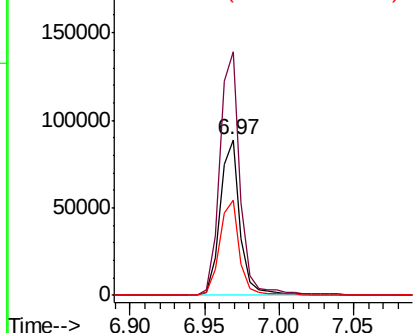
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Instrument :
 BNA_F
 ClientSampleId :
 DL-03A

Tot Ion:152 Resp: 84047
 Ion Ratio Lower Upper
 152 100
 150 156.2 122.7 184.1
 115 60.9 49.1 73.7



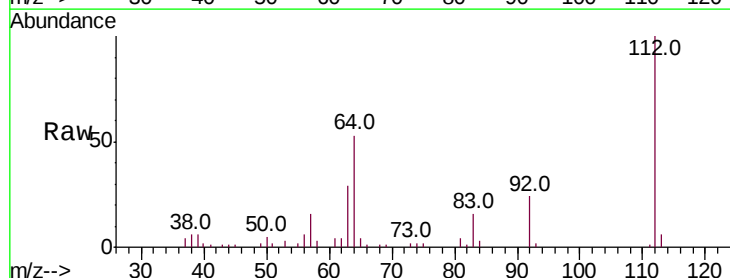
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



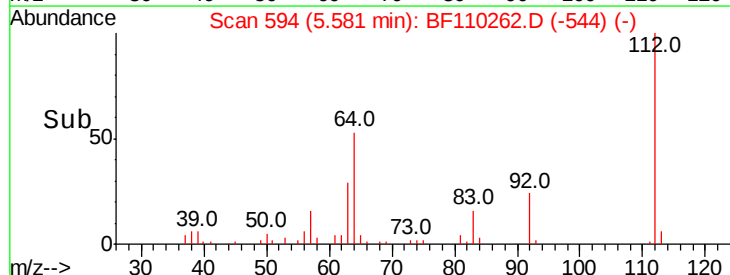
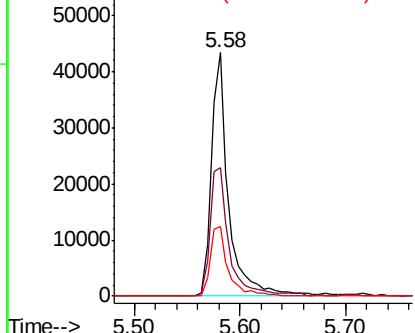
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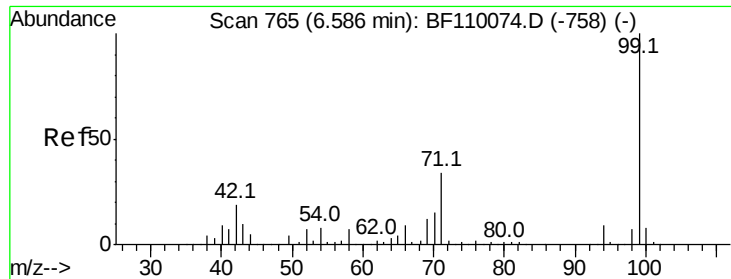
2-Fluorophenol
 Concen: 9.703 ng
 RT: 5.58 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Tgt Ion:112 Resp: 50078
 Ion Ratio Lower Upper
 112 100
 64 52.9 44.1 66.1
 63 28.8 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: 11.723 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110262.D

Acq: 29 Oct 2018 15:06

Instrument :

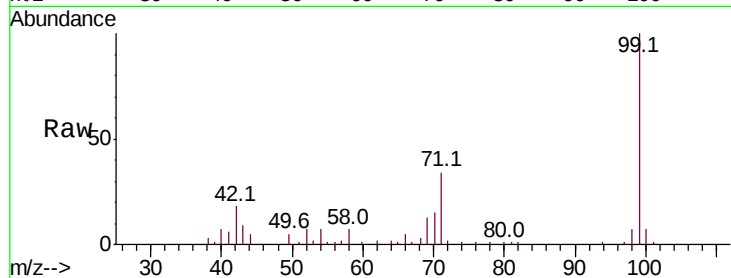
BNA_F

ClientSampleId :

DL-03A

Tot Ion: 99 Resp: 77388

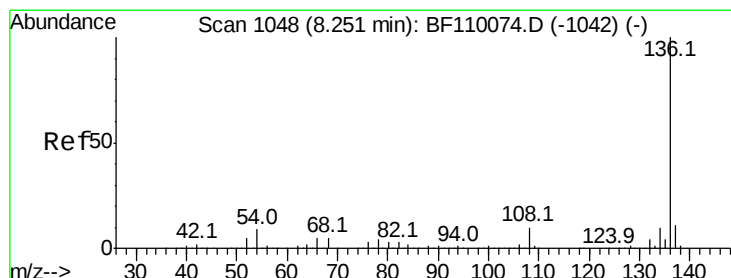
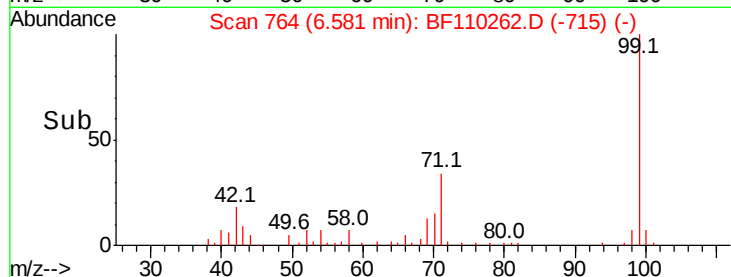
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	34.0	28.0	42.0



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: 8.25 min Scan# 1048

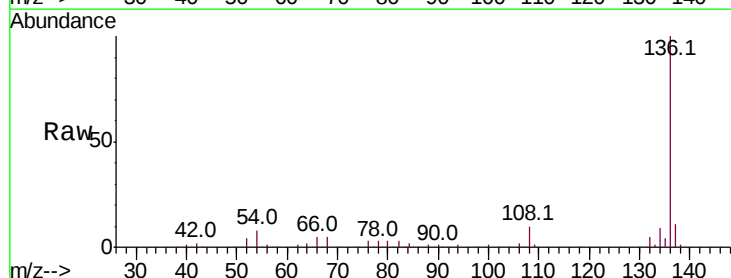
Delta R.T. 0.00 min

Lab File: BF110262.D

Acq: 29 Oct 2018 15:06

Tgt Ion: 136 Resp: 350491

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.5	5.4	8.2
68	5.2	4.2	6.2

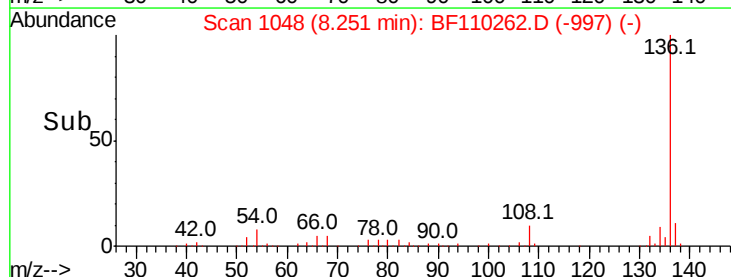


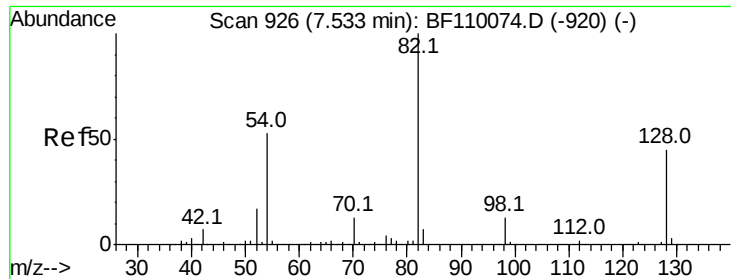
Abundance Ion 136.00 (135.70 to 136.70): E

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

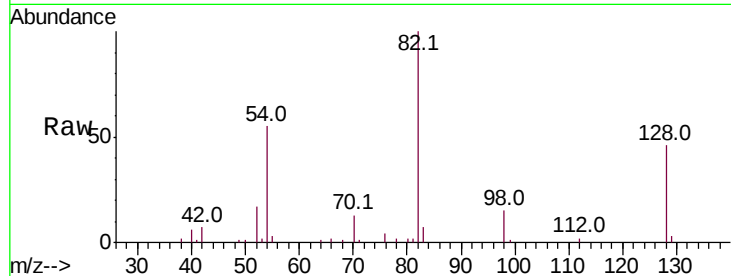




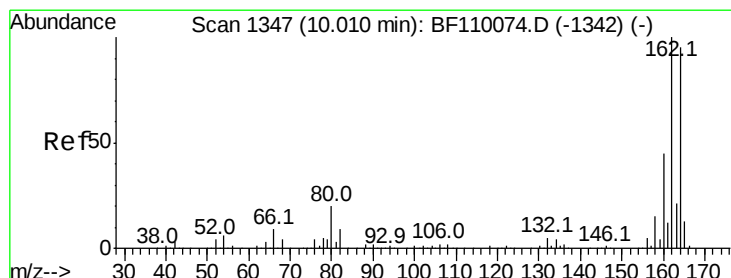
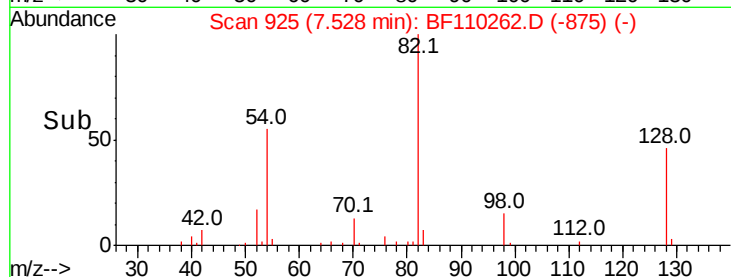
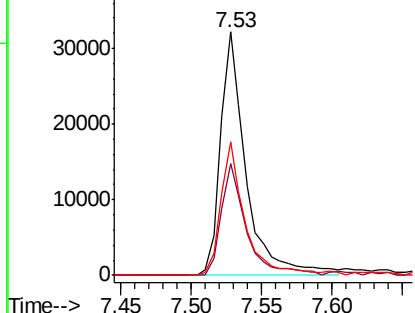
#23
Nitrobenzene-d5
Concen: 6.874 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

Instrument :
BNA_F
ClientSampleID :
DL-03A

Tot Ion	82	Resp	40619
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.2	51.2
54	54.7	38.6	58.0

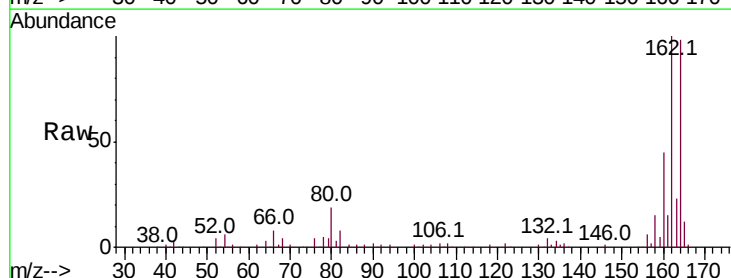


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

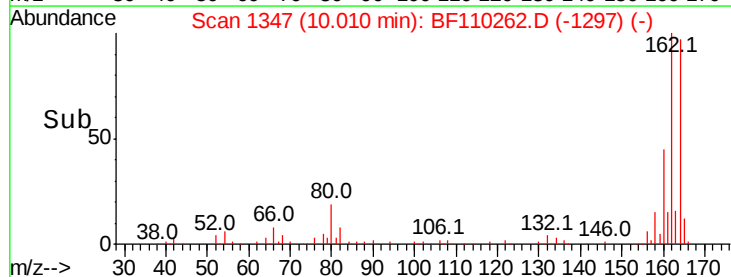
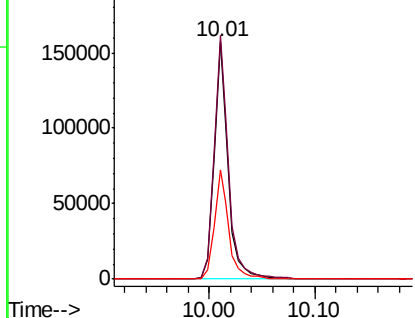


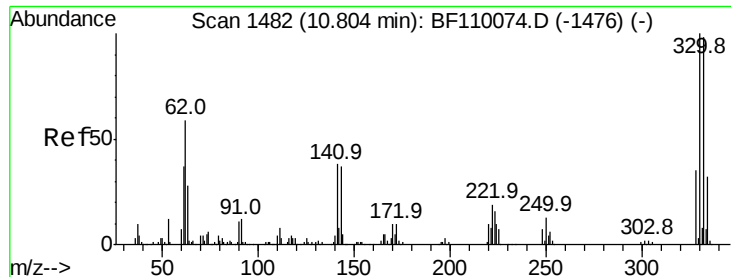
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

Tgt Ion	164	Resp	147395
Ion Ratio	Lower	Upper	
164	100		
162	102.4	83.0	124.6
160	46.2	37.0	55.6



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

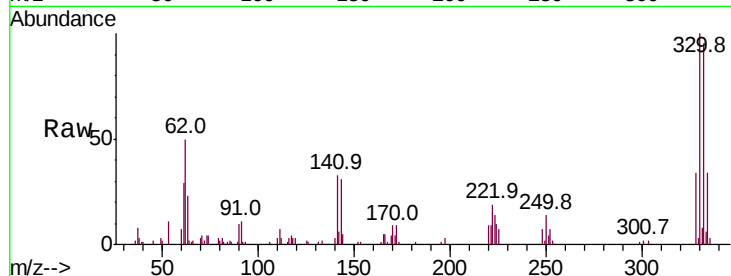




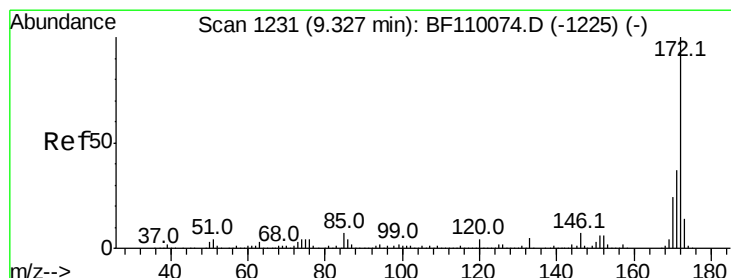
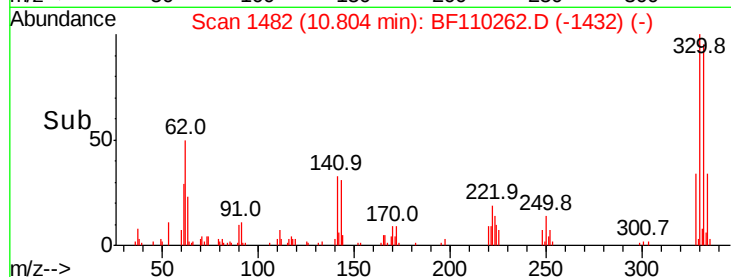
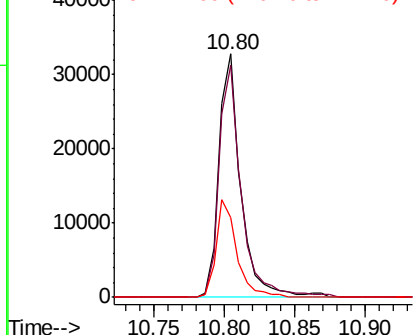
#42
 2,4,6-Tribromophenol
 Concen: 24.203 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Instrument :
 BNA_F
 ClientSampled :
 DL-03A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	37.9	27.0	40.4

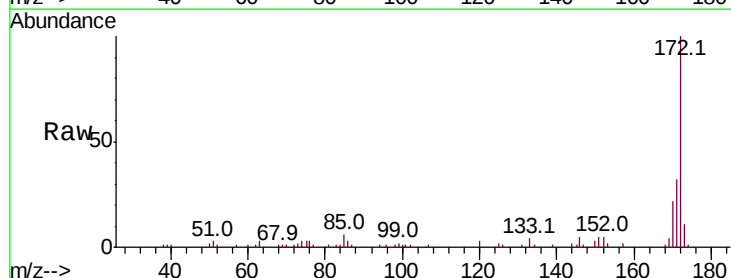


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

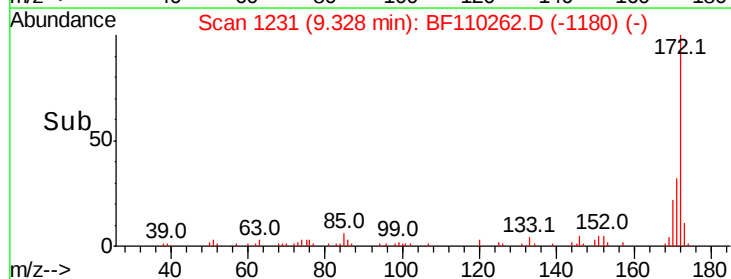
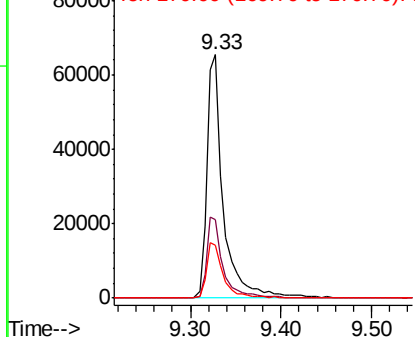


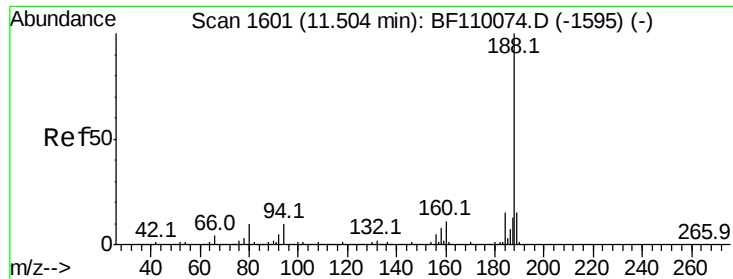
#45
 2-Fluorobiphenyl
 Concen: 8.919 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF110262.D
 Acq: 29 Oct 2018 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.3	28.6	43.0
170	21.8	19.7	29.5



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

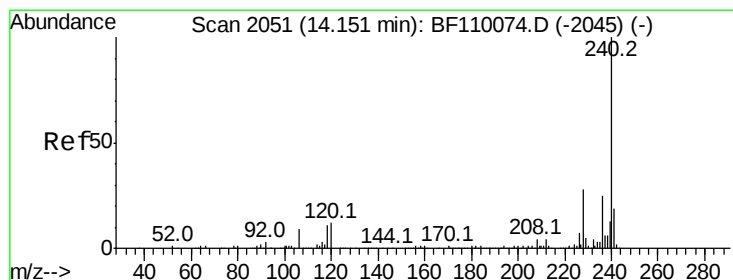
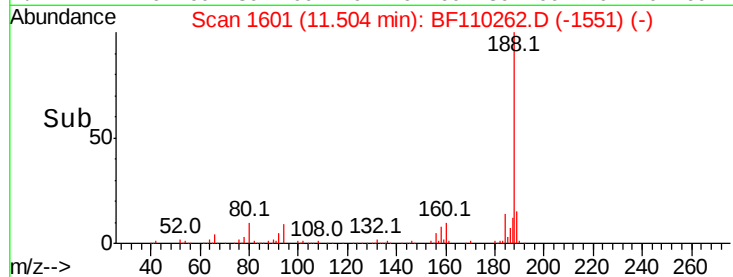
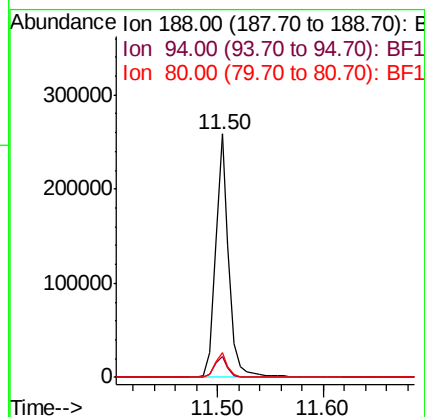
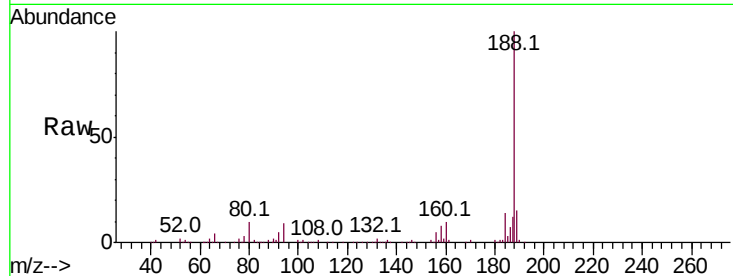




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

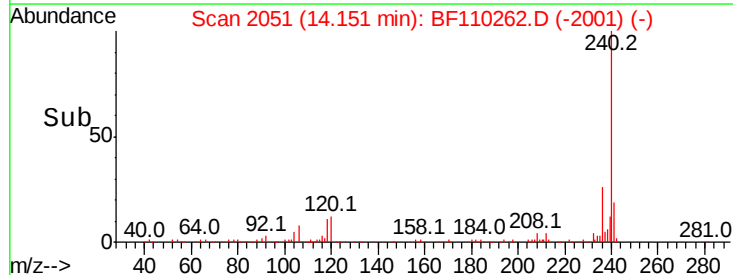
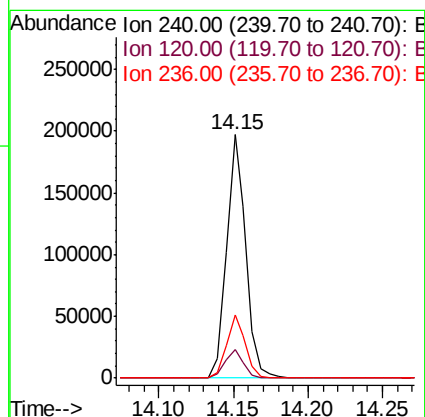
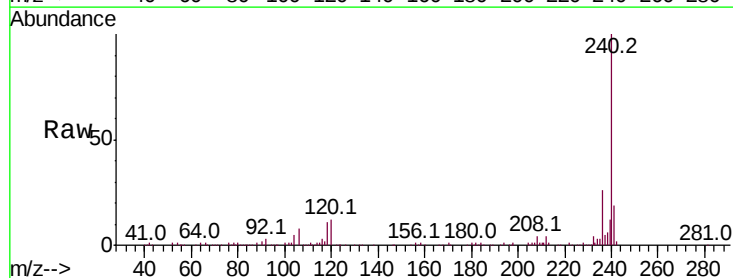
Instrument :
BNA_F
ClientSampleId :
DL-03A

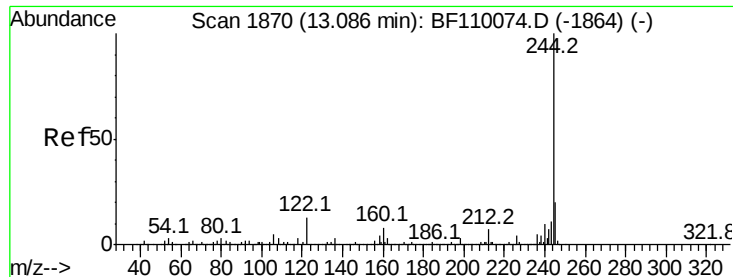
Tot Ion:188 Resp: 227295
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110262.D
Acq: 29 Oct 2018 15:06

Tgt Ion:240 Resp: 179332
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 36.676 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF110262.D

Acq: 29 Oct 2018 15:06

Instrument :

BNA_F

ClientSampleId :

DL-03A

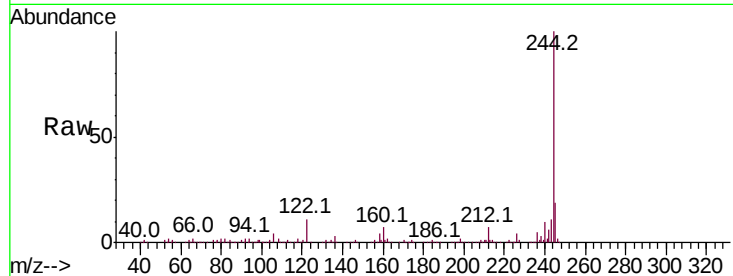
Tot Ion:244 Resp: 316257

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

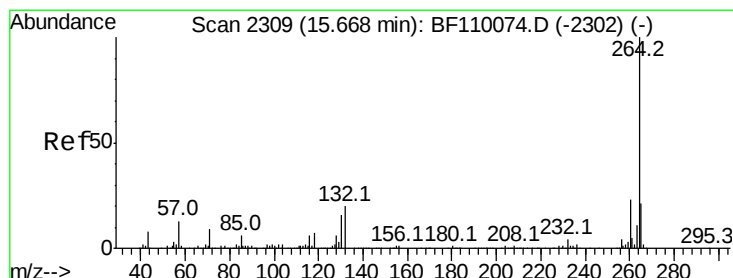
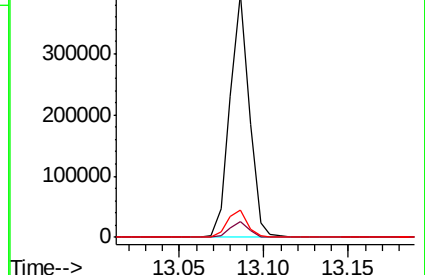
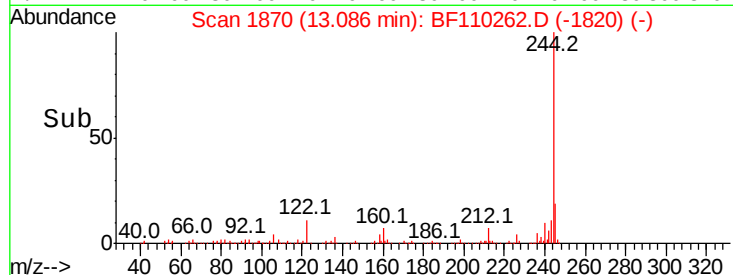
122 11.3 8.7 13.1



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: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110262.D

Acq: 29 Oct 2018 15:06

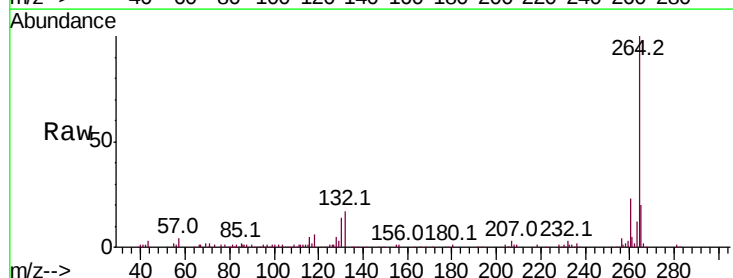
Tgt Ion:264 Resp: 150312

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.4 16.7 25.1



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

