

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111074.D
 Acq On : 29 Nov 2018 5:22
 Operator : JU/SJ
 Sample : J6078-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-D-S

Quant Time: Nov 29 06:05:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51705	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	217368	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	91961	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	148157	20.00	ng	0.00
76) Chrysene-d12	14.13	240	116554	20.00	ng	0.00
87) Perylene-d12	15.66	264	93977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	129014	41.38	ng	0.01
7) Phenol-d6	6.57	99	95494	23.50	ng	0.00
23) Nitrobenzene-d5	7.50	82	362253	95.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	74231	81.28	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	665362	104.82	ng	0.00
79) Terphenyl-d14	13.05	244	490780	81.97	ng	0.00

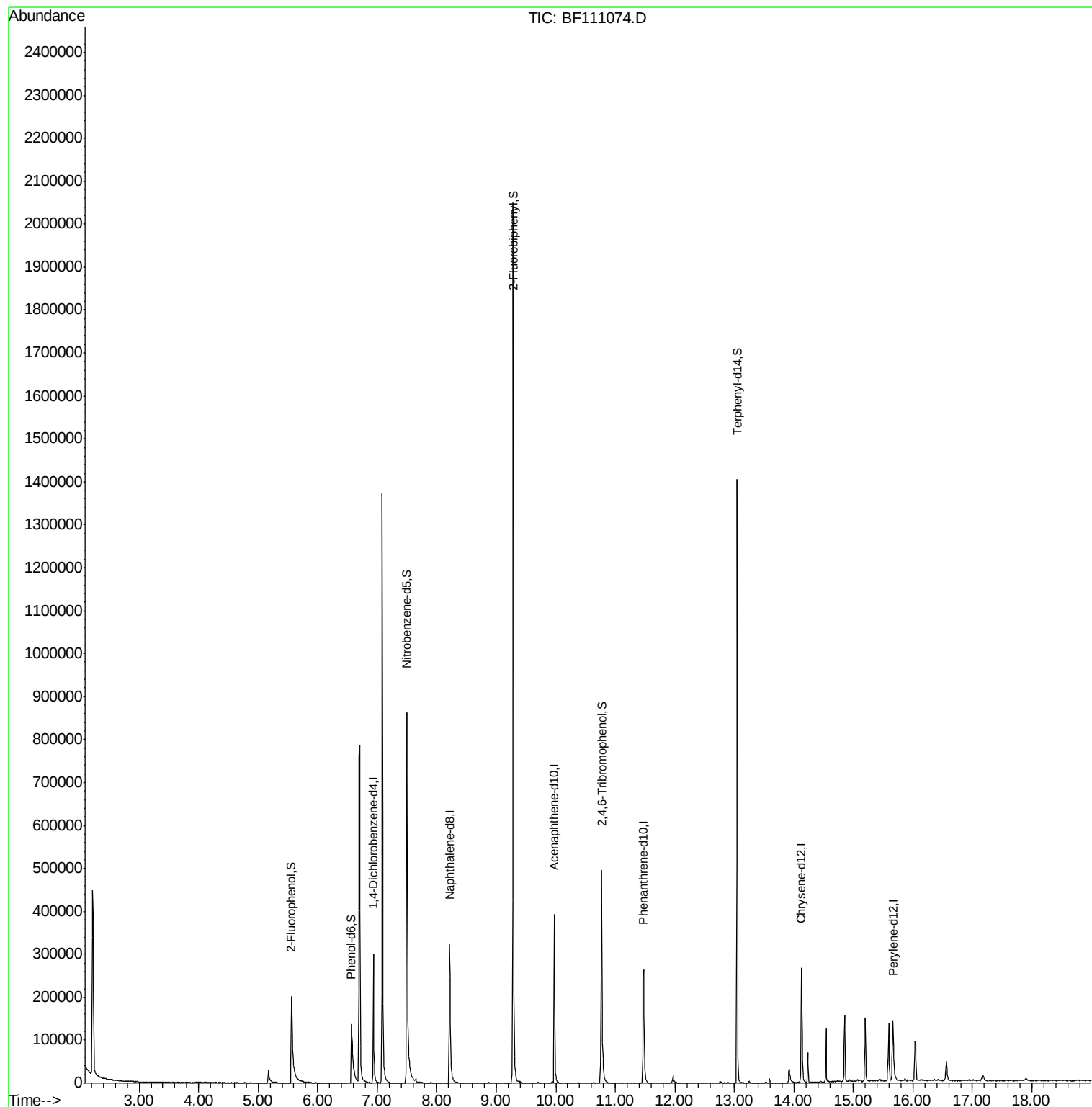
Target Compounds Qvalue

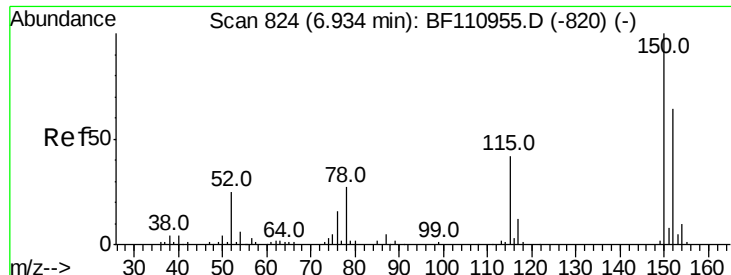
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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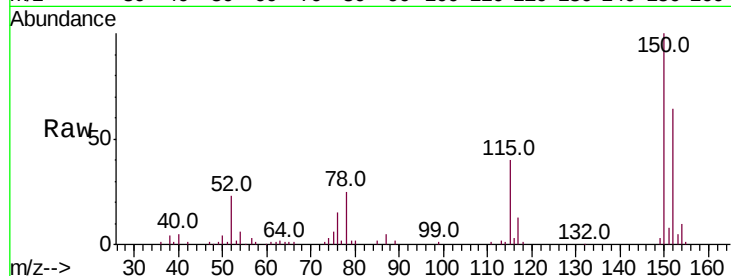


#1

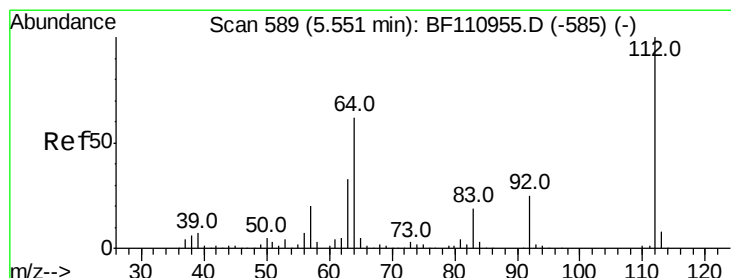
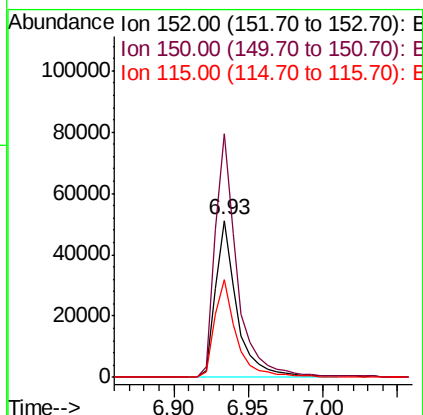
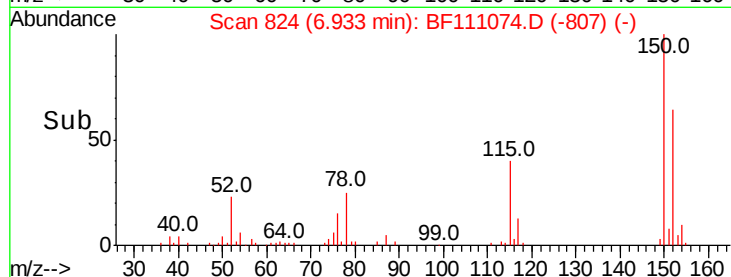
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Instrument :
BNA_F
ClientSampleId :
112618-TIPC-F-D-S

Tot Ion:152 Resp: 51705
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 62.4 49.1 73.7



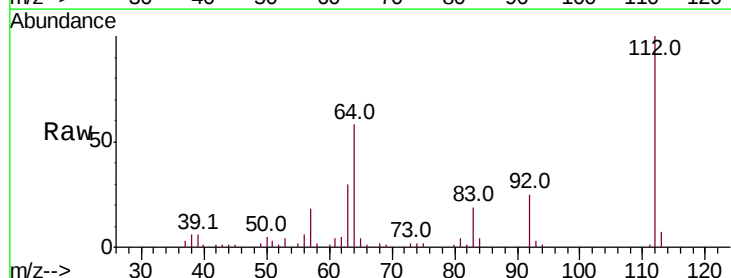
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



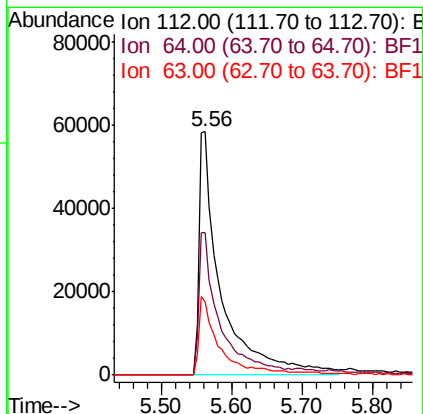
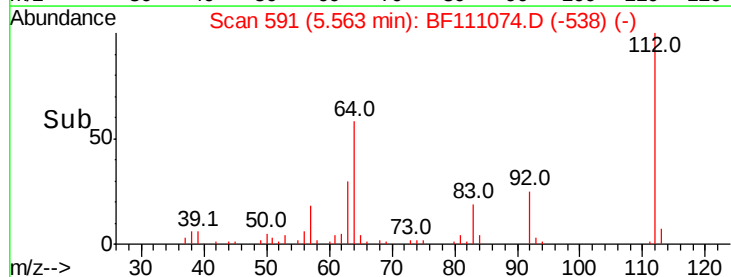
#5

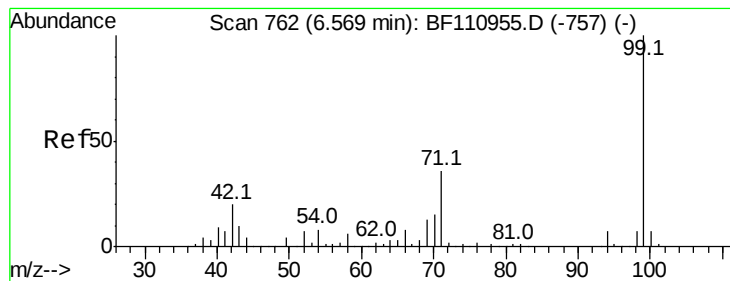
2-Fluorophenol
Concen: 41.378 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Tgt Ion:112 Resp: 129014
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 30.3 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: 23.502 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111074.D

Acq: 29 Nov 2018 5:22

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-D-S

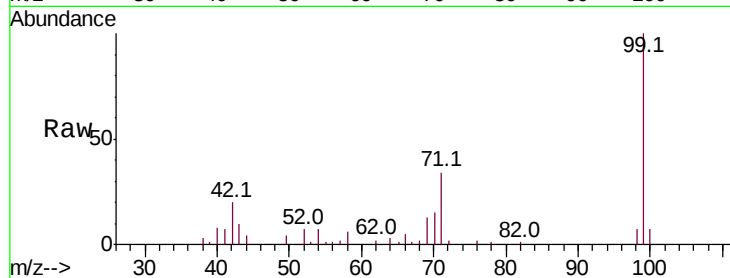
Tot Ion: 99 Resp: 95494

Ion Ratio Lower Upper

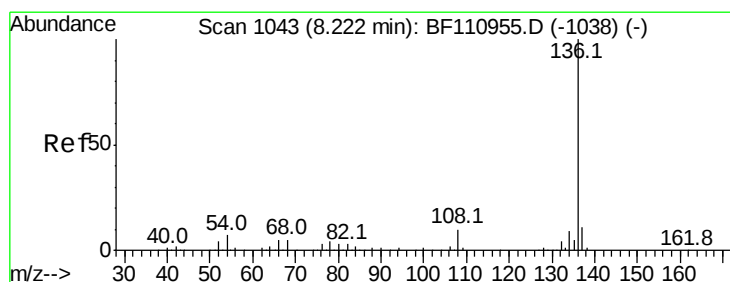
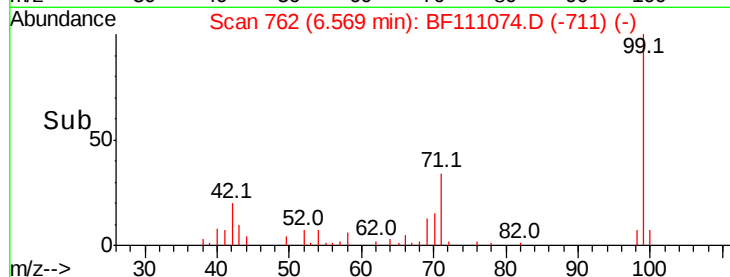
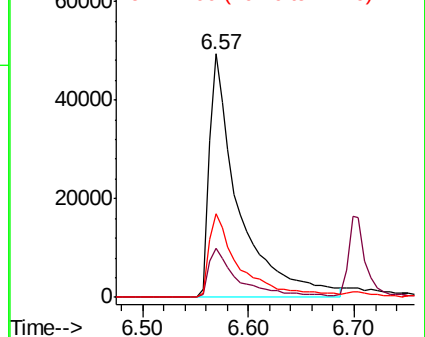
99 100

42 20.0 15.8 23.6

71 34.3 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: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111074.D

Acq: 29 Nov 2018 5:22

Tgt Ion: 136 Resp: 217368

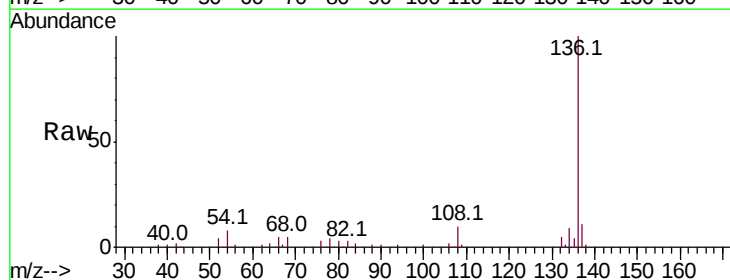
Ion Ratio Lower Upper

136 100

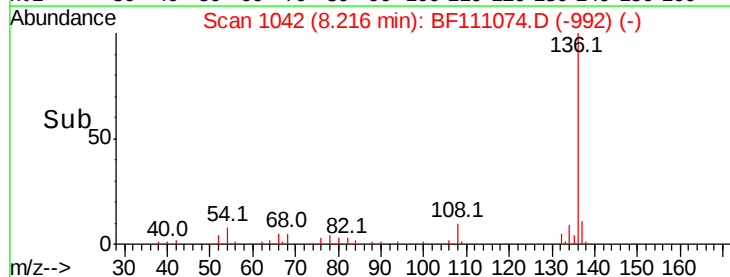
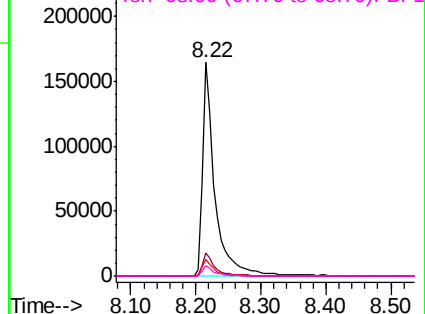
137 10.8 8.8 13.2

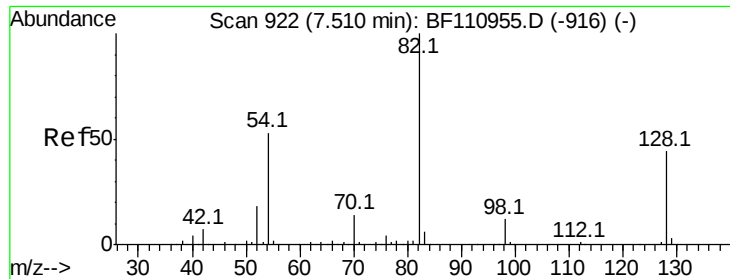
54 7.9 5.4 8.2

68 5.1 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

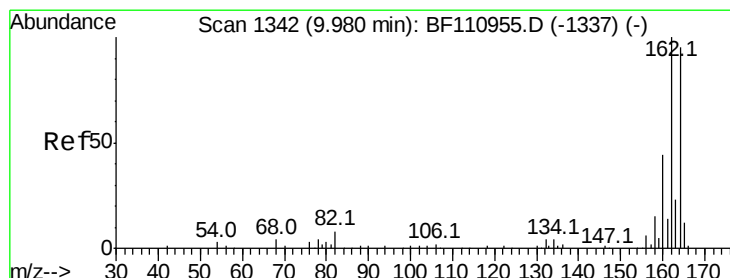
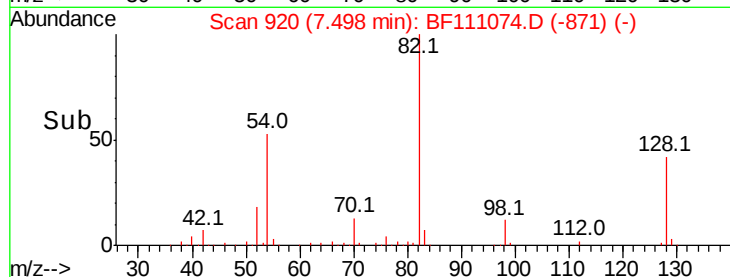
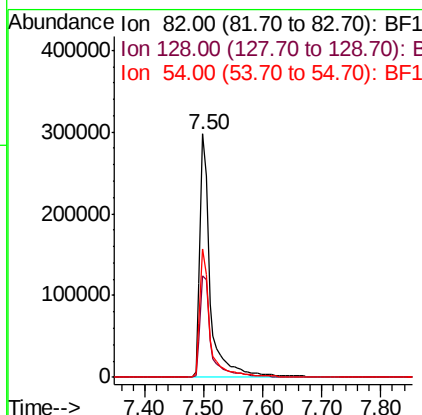
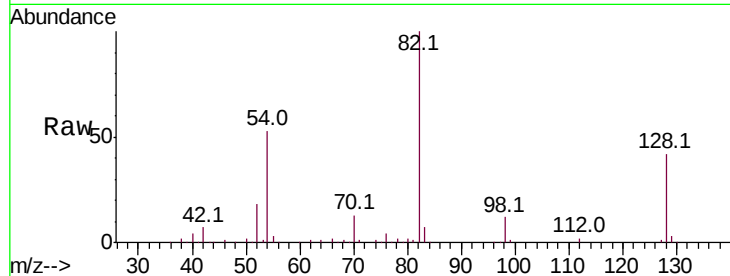




#23
Nitrobenzene-d5
Concen: 95.377 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

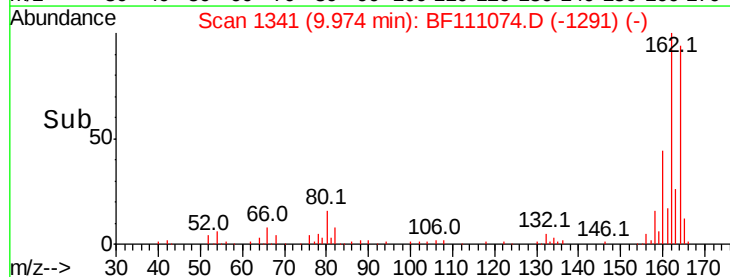
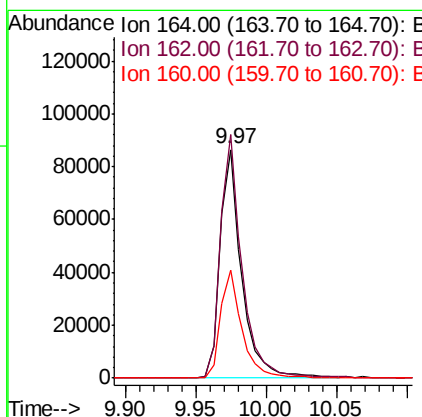
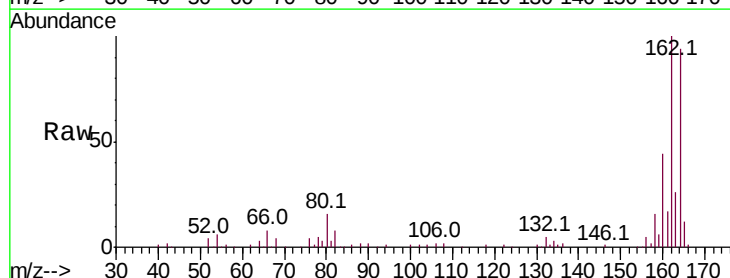
Instrument :
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ClientSampleId :
112618-TIPC-F-D-S

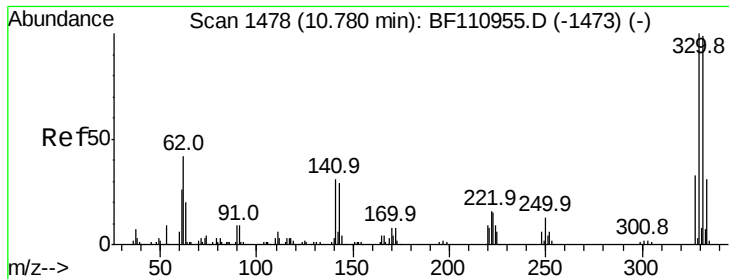
Tot Ion	82	Resp	362253
Ion Ratio	Lower	Upper	
82	100		
128	41.8	34.2	51.2
54	52.8	38.6	58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Tgt Ion	164	Resp	91961
Ion Ratio	Lower	Upper	
164	100		
162	106.5	83.0	124.6
160	47.4	37.0	55.6

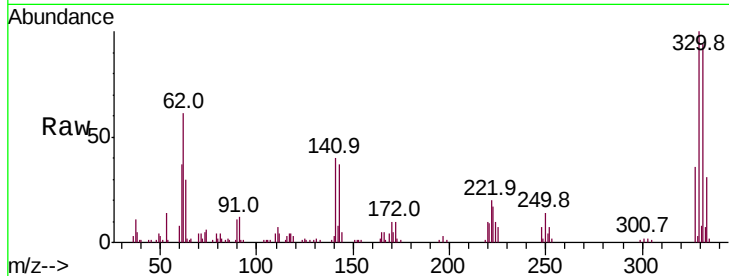




#42
 2,4,6-Tribromophenol
 Concen: 81.278 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.1	115.7
141	38.5	27.0	40.4

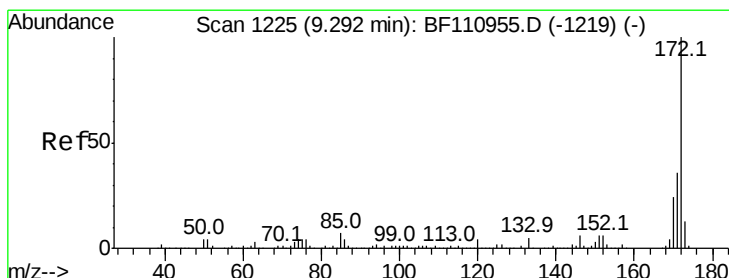
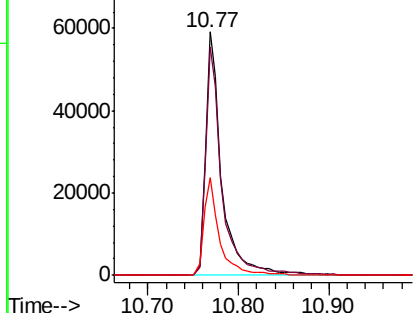
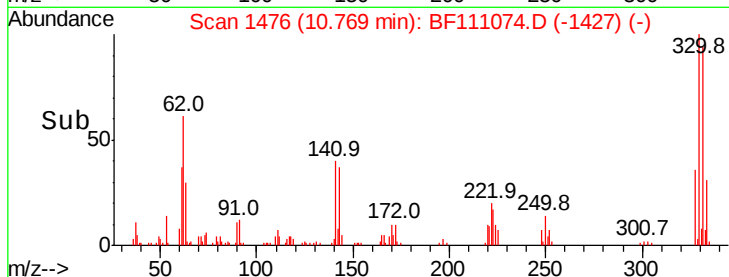


Abundance

Ion 329.80 (329.50 to 330.50): E

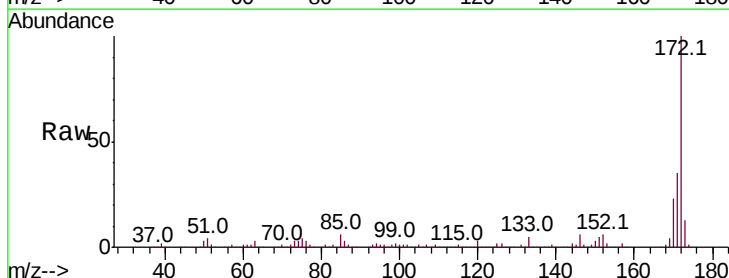
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.823 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111074.D
 Acq: 29 Nov 2018 5:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.2	19.7	29.5

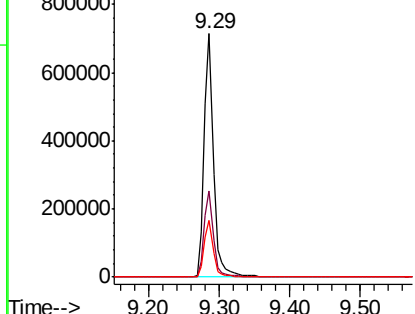
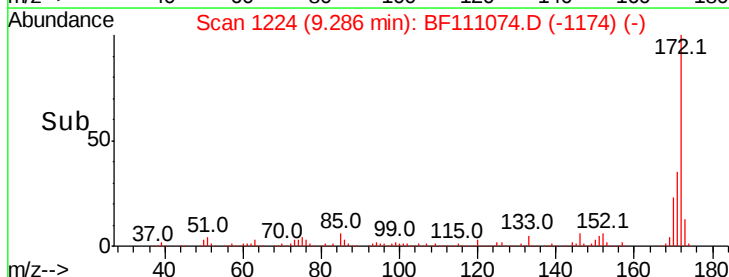


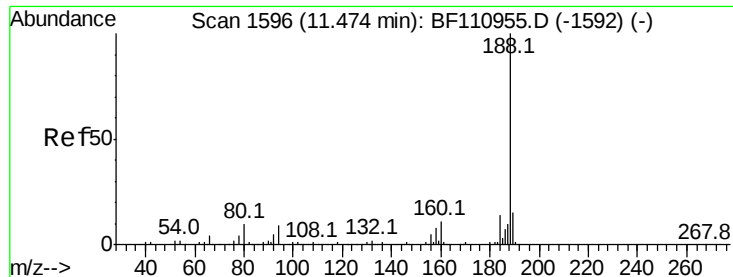
Abundance

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

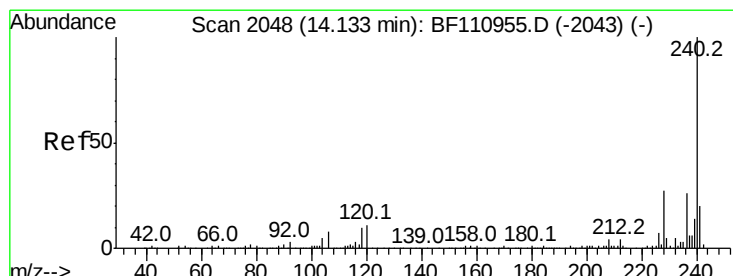
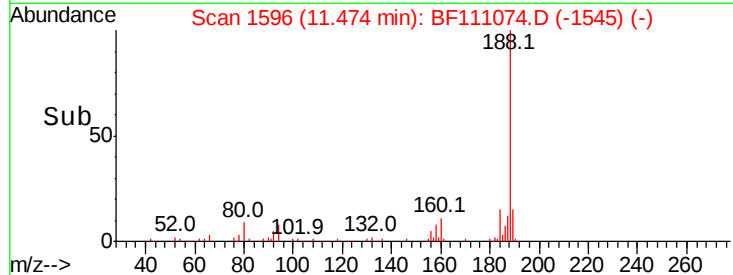
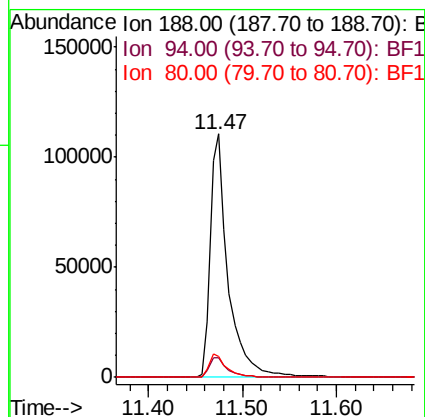
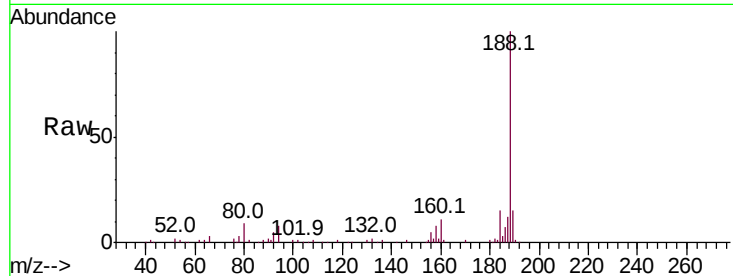




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

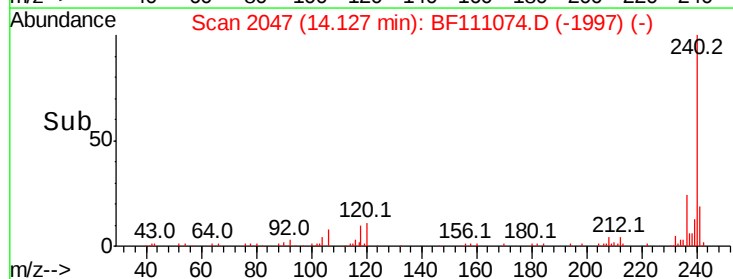
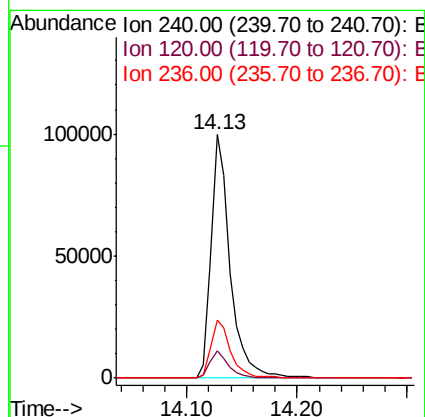
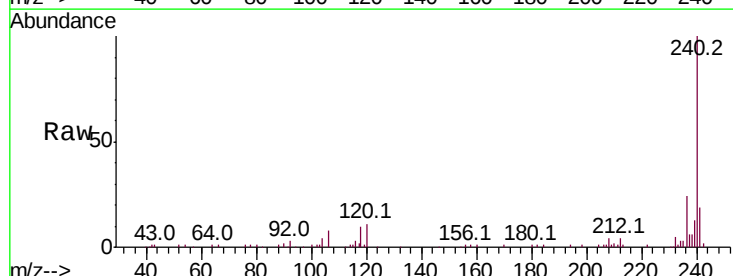
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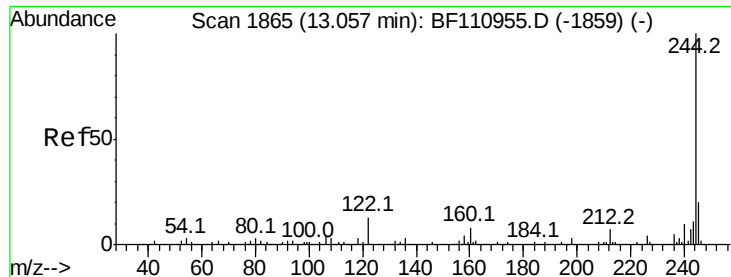
Tot Ion:188 Resp: 148157
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF111074.D
Acq: 29 Nov 2018 5:22

Tgt Ion:240 Resp: 116554
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 23.9 21.2 31.8





#79

Terphenyl-d14

Concen: 81.968 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111074.D

Acq: 29 Nov 2018 5:22

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-D-S

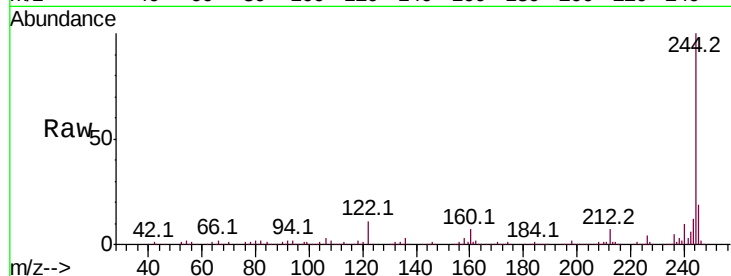
Tot Ion:244 Resp: 490780

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

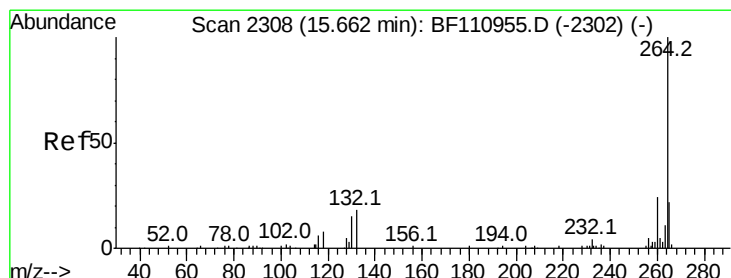
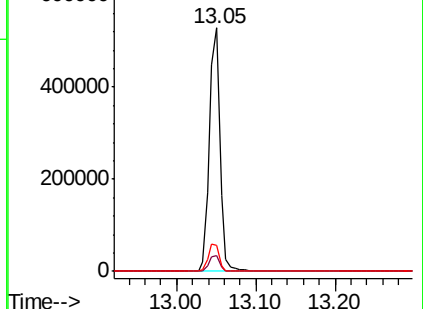
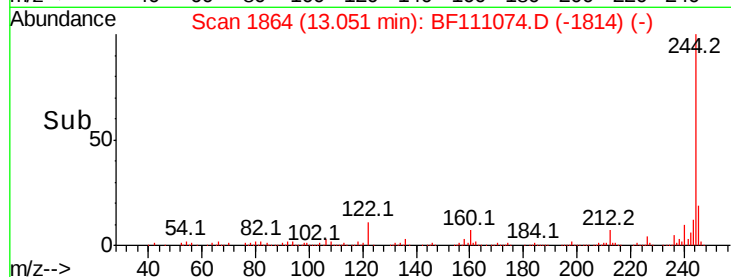
122 10.6 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111074.D

Acq: 29 Nov 2018 5:22

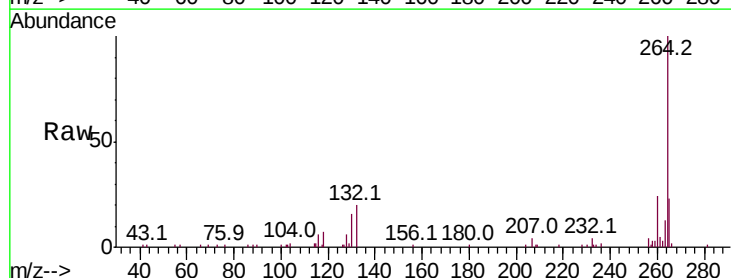
Tgt Ion:264 Resp: 93977

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 23.1 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

