

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110149.D
 Acq On : 25 Oct 2018 7:48
 Operator : JU/SJ
 Sample : J5640-17
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102218-SIDI-E-D-B

Quant Time: Oct 25 09:37:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	125078	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	485011	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	184705	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	285482	20.00	ng	0.00
76) Chrysene-d12	14.14	240	242225	20.00	ng	0.00
87) Perylene-d12	15.67	264	161456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	371895	48.42	ng	0.00
7) Phenol-d6	6.58	99	310479	31.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	826103	101.03	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	147439	80.58	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1425189	121.16	ng	0.00
79) Terphenyl-d14	13.09	244	1037212	89.05	ng	0.00

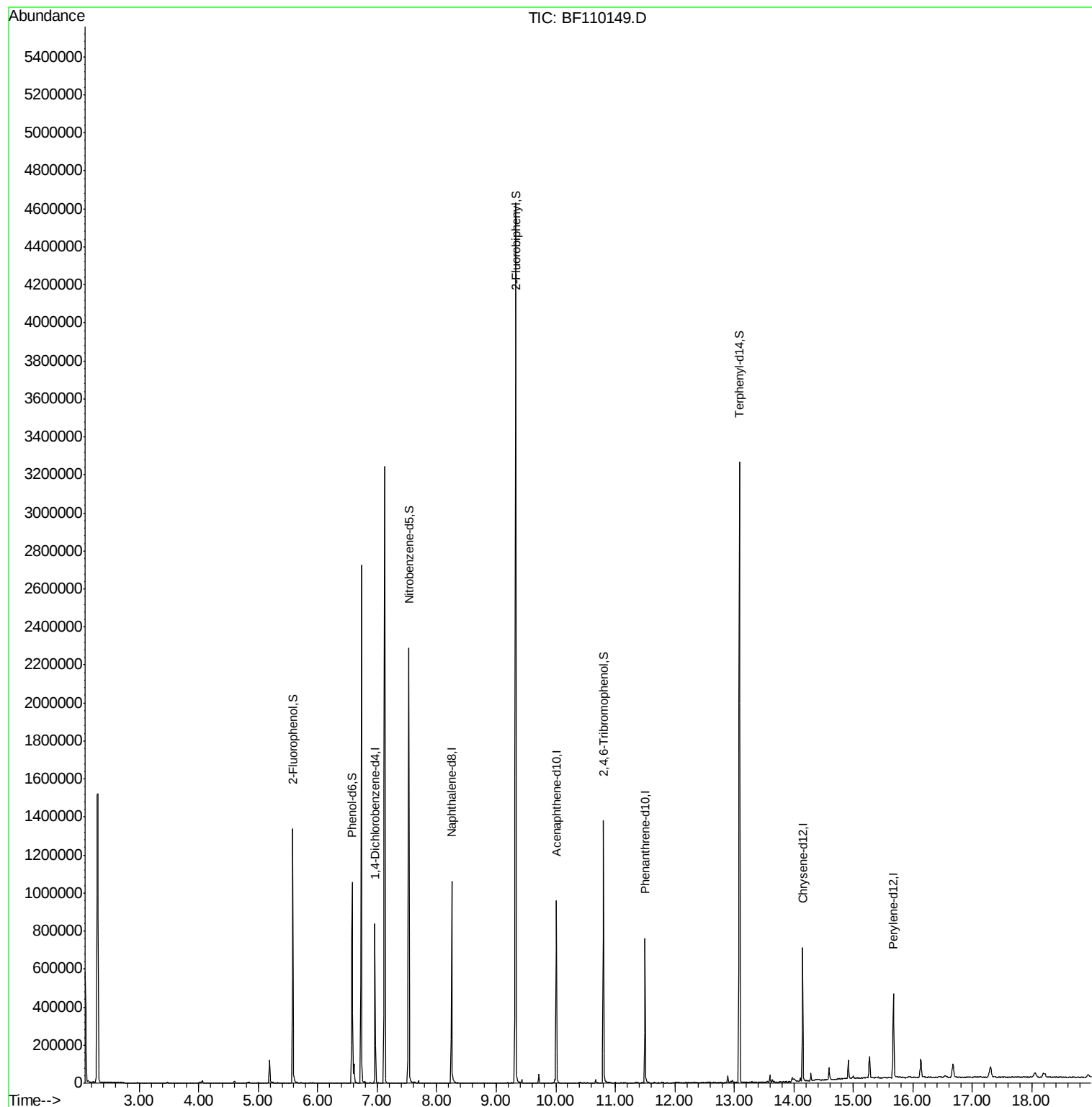
Target Compounds Qvalue

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

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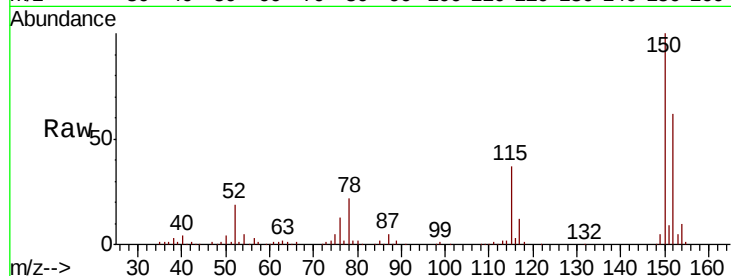


#1

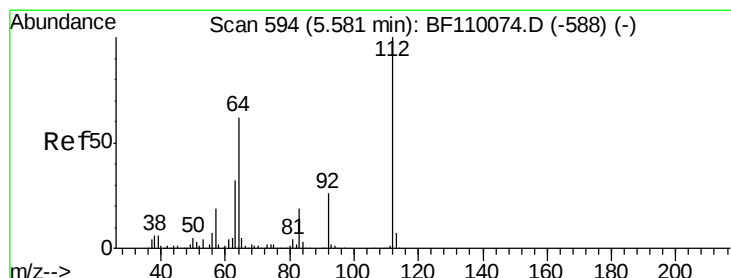
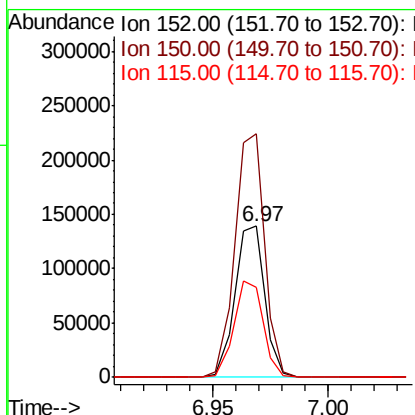
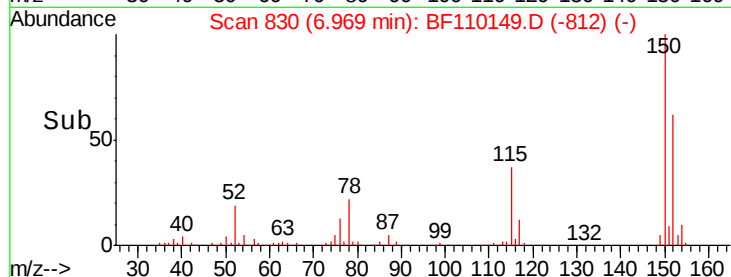
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110149.D
Acq: 25 Oct 2018 7:48

Instrument :
BNA_F
ClientSampleId :
102218-SIDI-E-D-B

Tot Ion:152 Resp: 125078
Ion Ratio Lower Upper
152 100
150 161.3 122.7 184.1
115 60.0 49.1 73.7



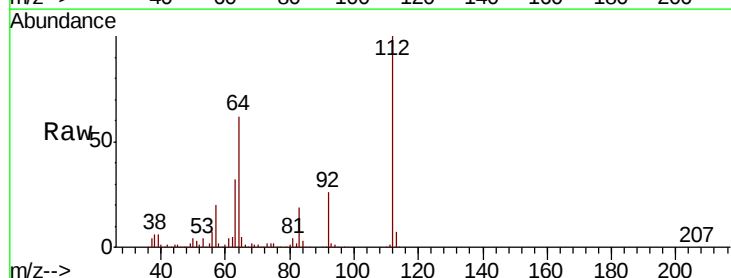
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



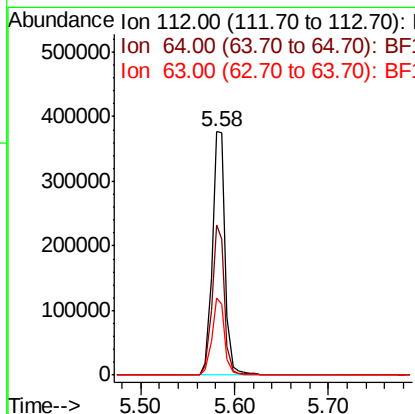
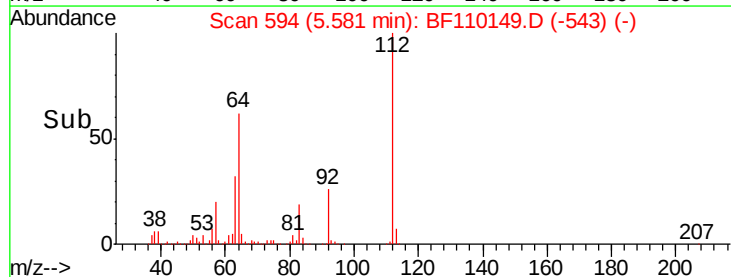
#5

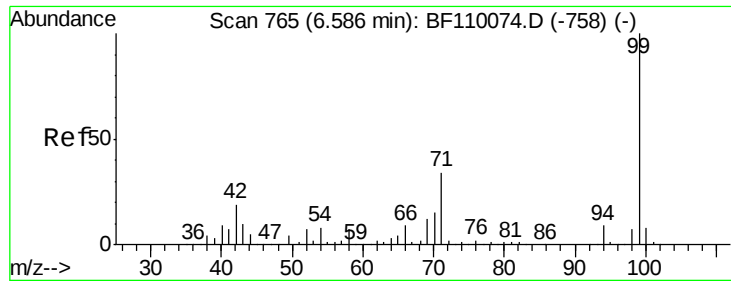
2-Fluorophenol
Concen: 48.419 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF110149.D
Acq: 25 Oct 2018 7:48

Tgt Ion:112 Resp: 371895
Ion Ratio Lower Upper
112 100
64 61.6 44.1 66.1
63 31.6 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: 31.603 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Instrument :

BNA_F

ClientSampleId :

102218-SIDI-E-D-B

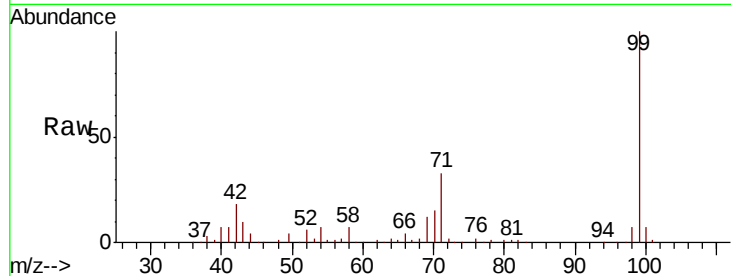
Tot Ion: 99 Resp: 310479

Ion Ratio Lower Upper

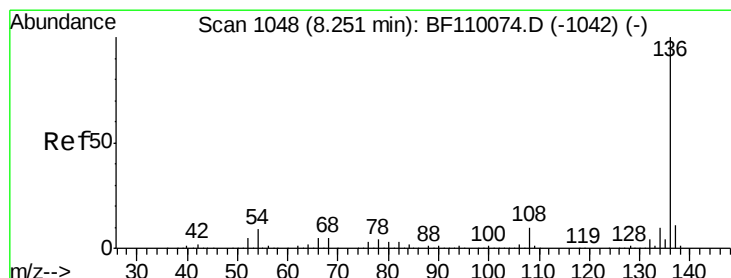
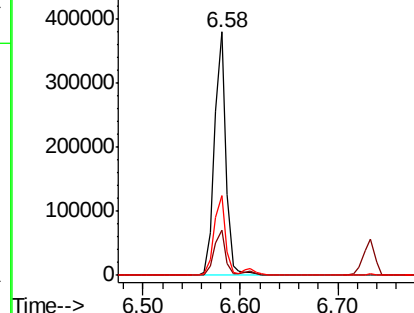
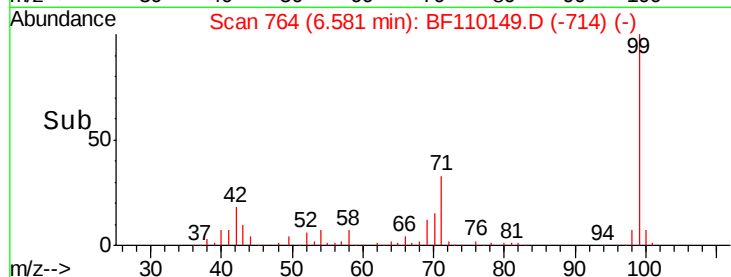
99 100

42 18.4 15.8 23.6

71 33.0 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: BF110149.D

Acq: 25 Oct 2018 7:48

Tgt Ion: 136 Resp: 485011

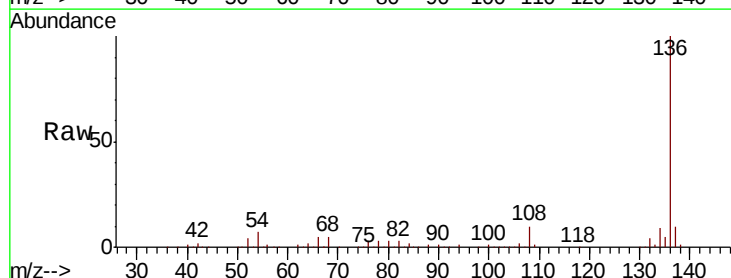
Ion Ratio Lower Upper

136 100

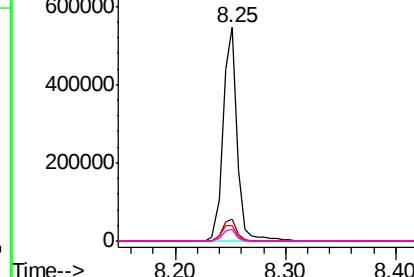
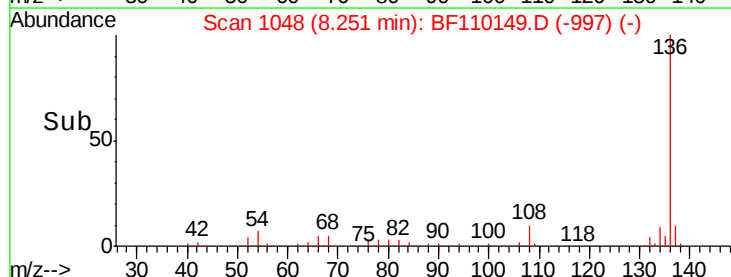
137 10.4 8.8 13.2

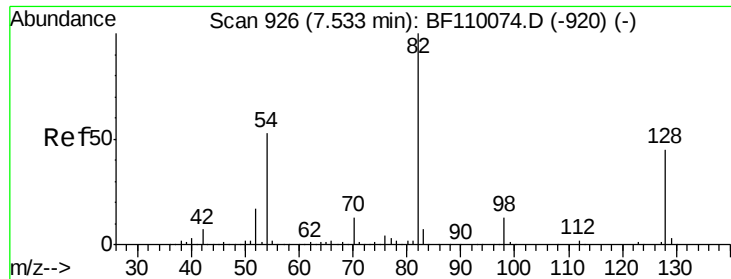
54 7.4 5.4 8.2

68 5.5 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

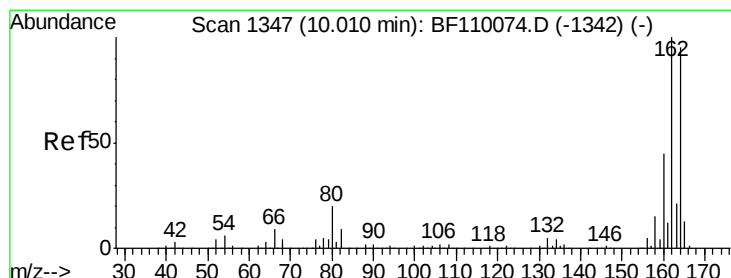
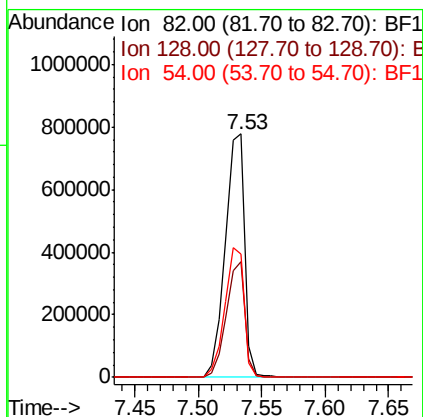
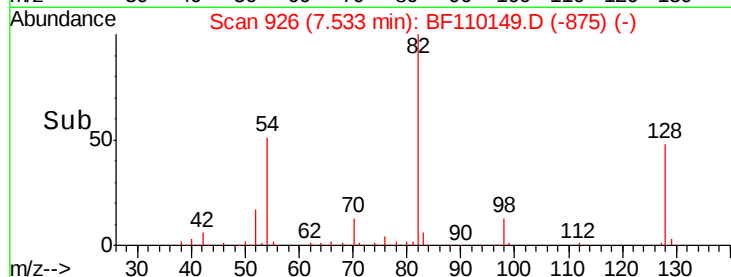
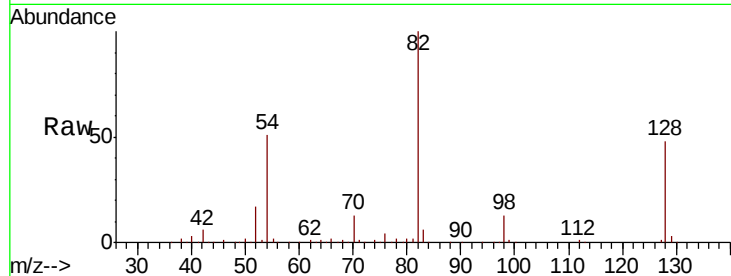




#23
 Nitrobenzene-d5
 Concen: 101.026 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

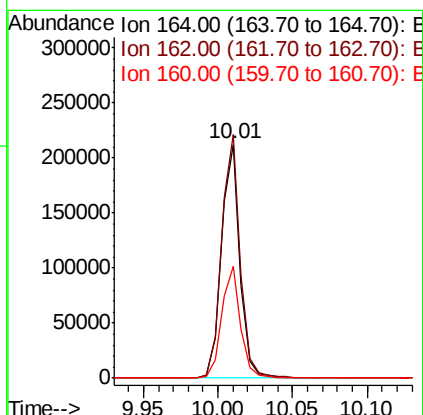
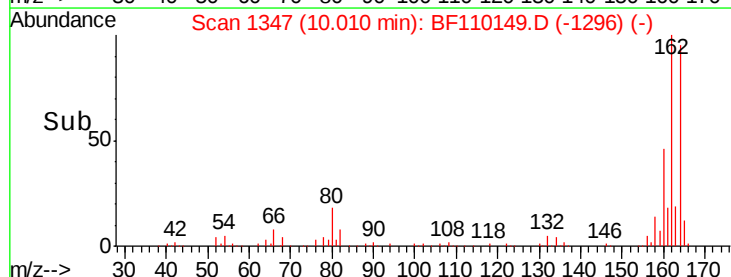
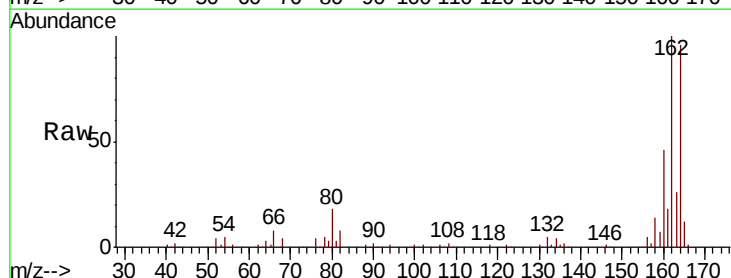
Instrument :
 BNA_F
 ClientSampleId :
 102218-SIDI-E-D-B

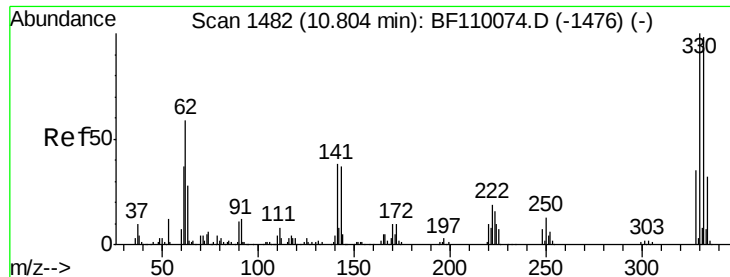
Tot Ion	82	Resp	826103
Ion Ratio	Lower	Upper	
82	100		
128	47.6	34.2	51.2
54	50.7	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF110149.D
 Acq: 25 Oct 2018 7:48

Tgt Ion	164	Resp	184705
Ion Ratio	Lower	Upper	
164	100		
162	104.3	83.0	124.6
160	47.7	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 80.584 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Instrument :

BNA_F

ClientSampleId :

102218-SIDI-E-D-B

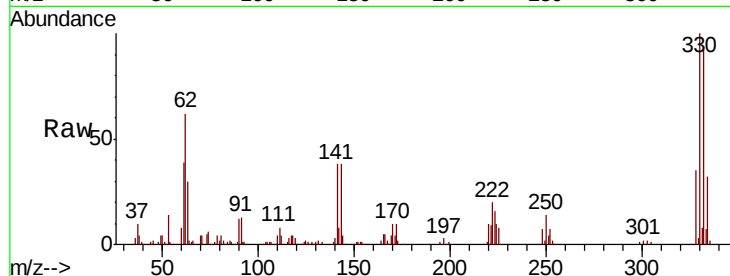
Tot Ion:330 Resp: 147439

Ion Ratio Lower Upper

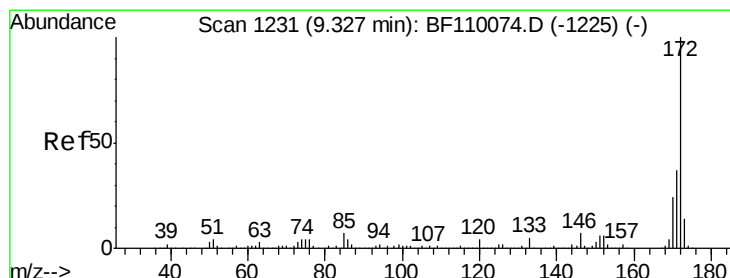
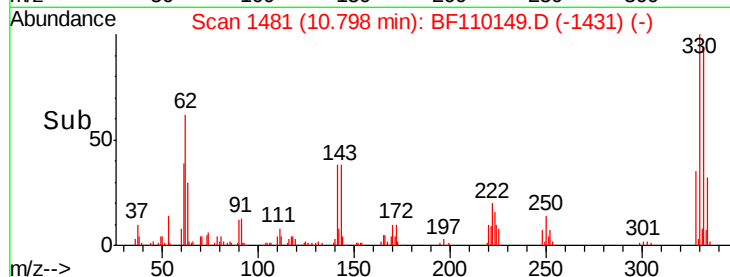
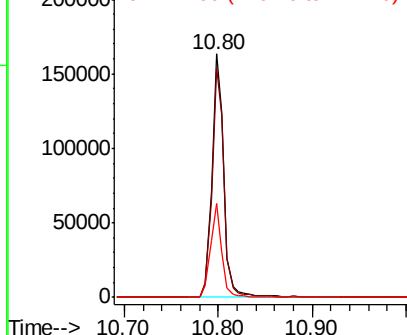
330 100

332 95.6 77.1 115.7

141 36.3 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: 121.162 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

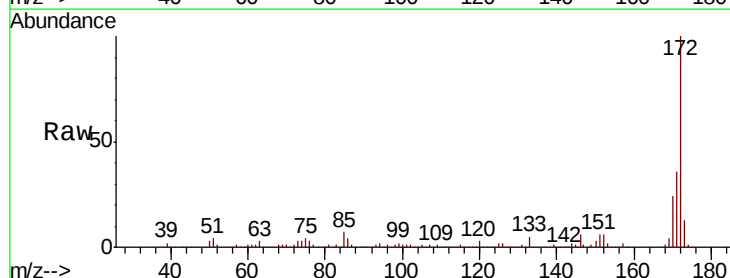
Tgt Ion:172 Resp: 1425189

Ion Ratio Lower Upper

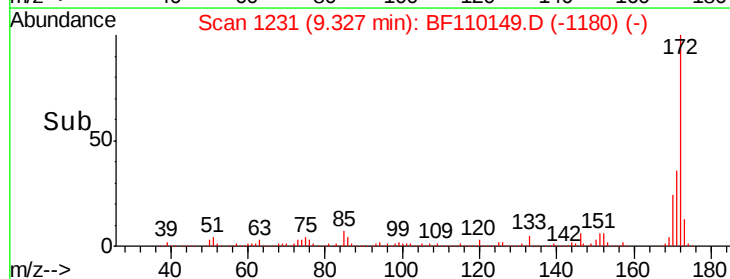
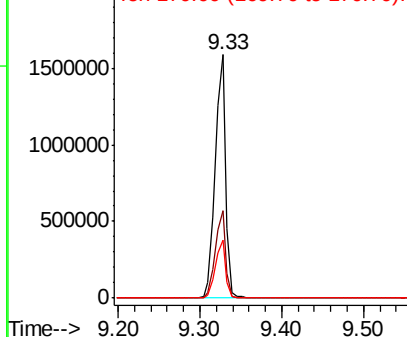
172 100

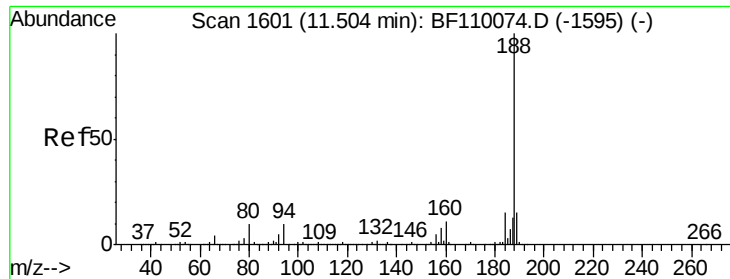
171 36.1 28.6 43.0

170 23.8 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

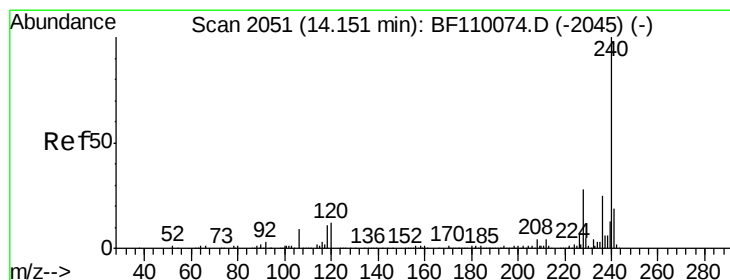
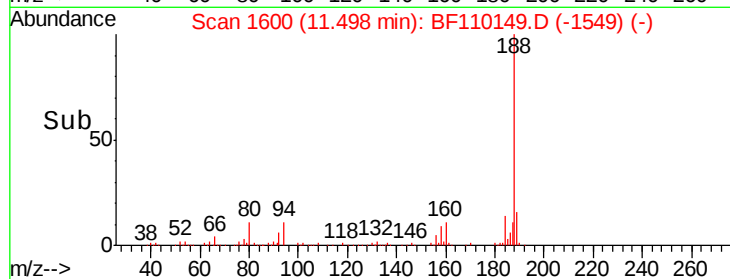
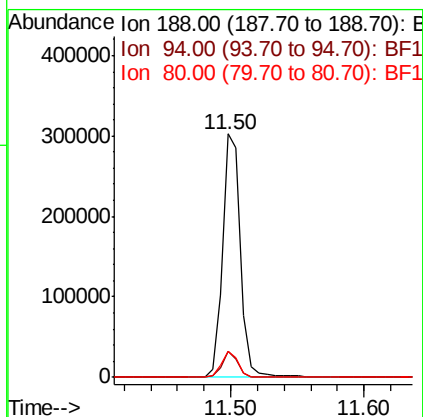
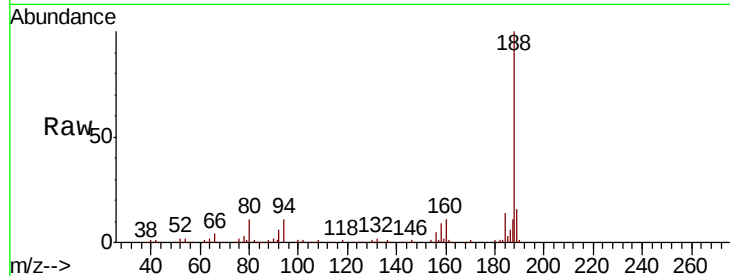




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF110149.D
Acq: 25 Oct 2018 7:48

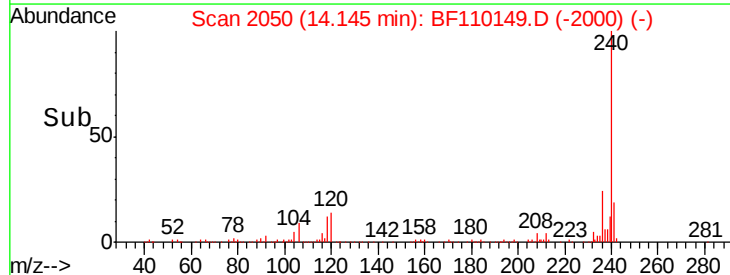
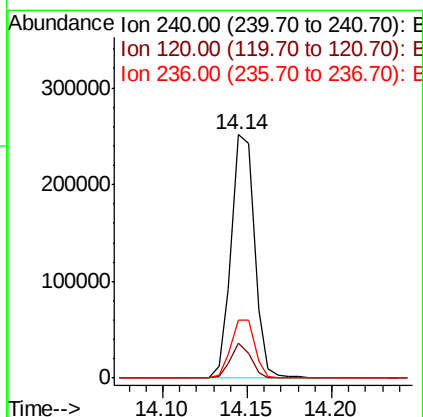
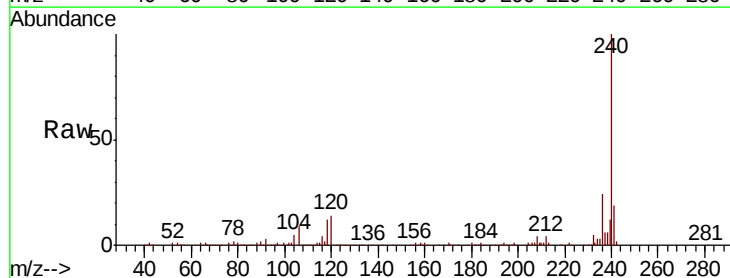
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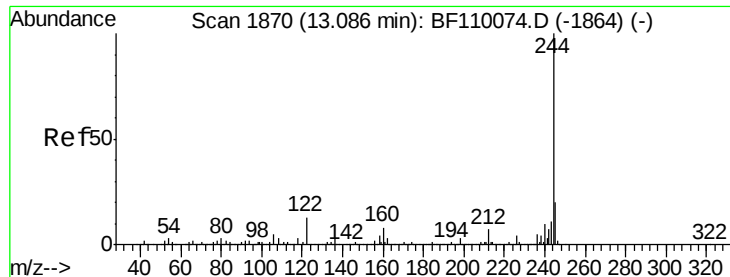
Tot Ion:188 Resp: 285482
Ion Ratio Lower Upper
188 100
94 10.5 7.2 10.8
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110149.D
Acq: 25 Oct 2018 7:48

Tgt Ion:240 Resp: 242225
Ion Ratio Lower Upper
240 100
120 14.3 8.3 12.5#
236 24.1 21.2 31.8





#79

Terphenyl-d14

Concen: 89.054 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

Instrument :

BNA_F

ClientSampleId :

102218-SIDI-E-D-B

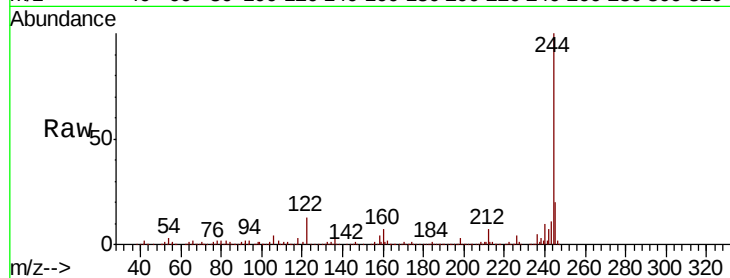
Tot Ion:244 Resp: 1037212

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

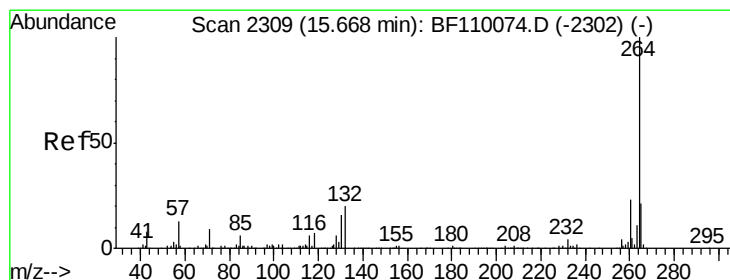
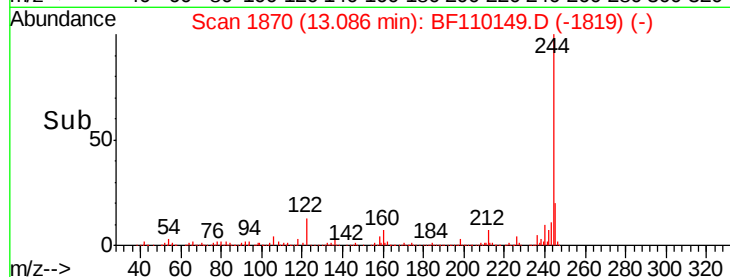
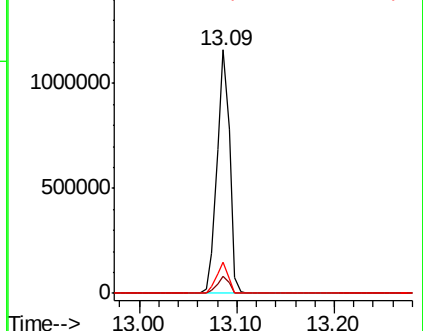
122 12.7 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110149.D

Acq: 25 Oct 2018 7:48

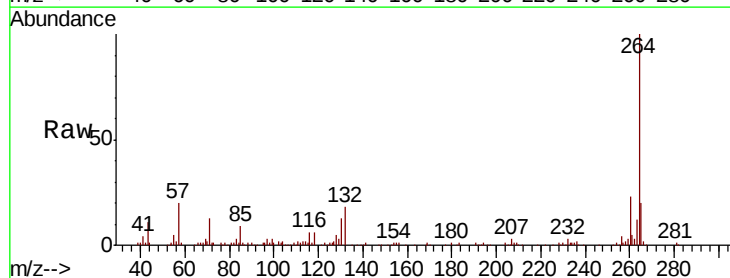
Tgt Ion:264 Resp: 161456

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.0 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

