

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118572.D
 Acq On : 17 Jan 2020 21:50
 Operator : JU
 Sample : L1016-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-011520

Quant Time: Jan 18 01:41:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	351648	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1285782	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	711996	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1340250	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1169242	20.00	ng	0.00
87) Perylene-d12	15.52	264	1234854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2706596	142.22	ng	0.01
7) Phenol-d6	6.52	99	3263212	130.86	ng	0.00
23) Nitrobenzene-d5	7.45	82	2197237	105.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1237248	157.19	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4023394	102.02	ng	0.00
79) Terphenyl-d14	13.00	244	5187413	87.62	ng	0.00

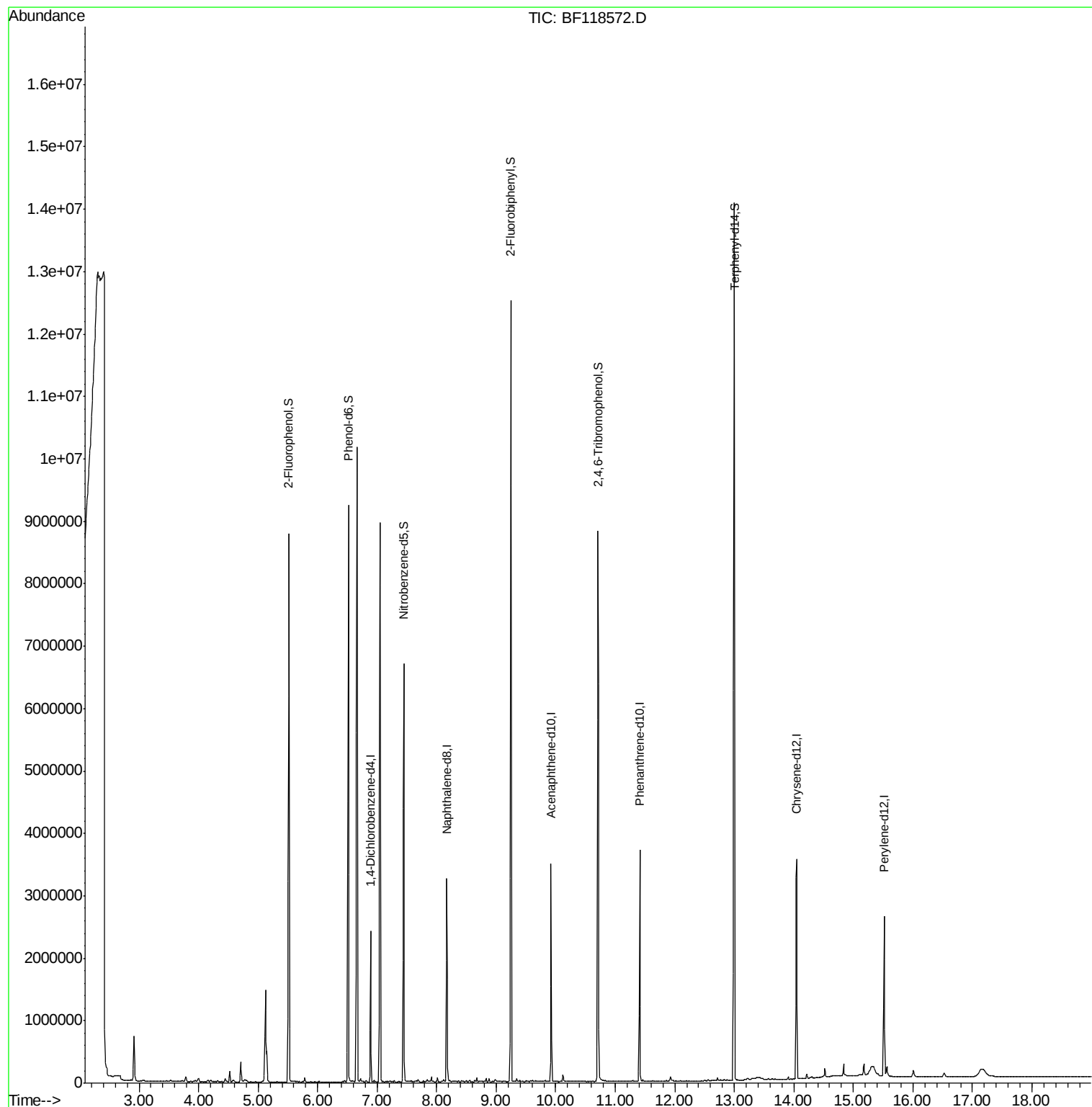
Target Compounds Qvalue

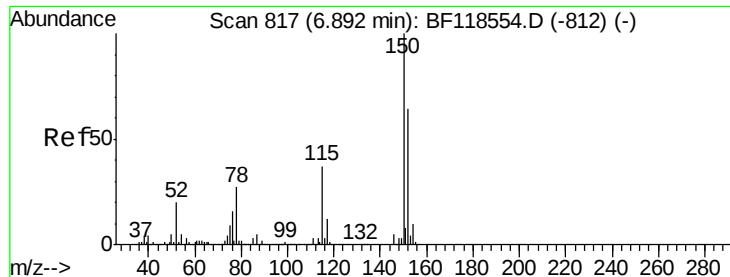
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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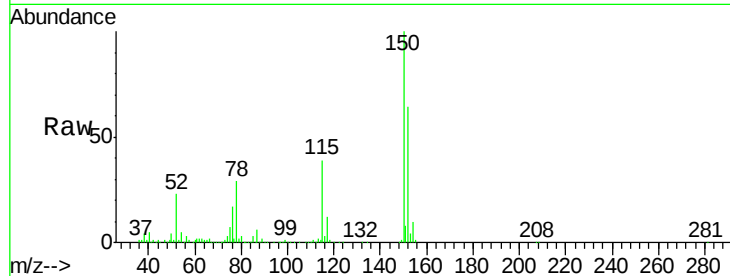


#1

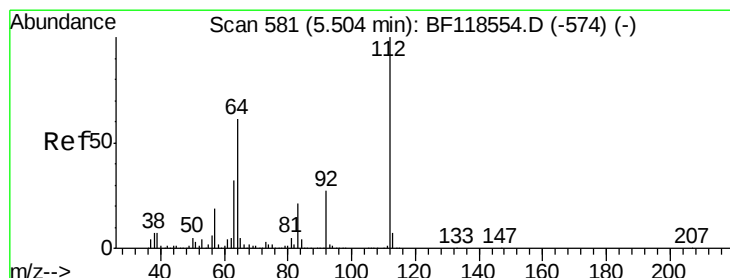
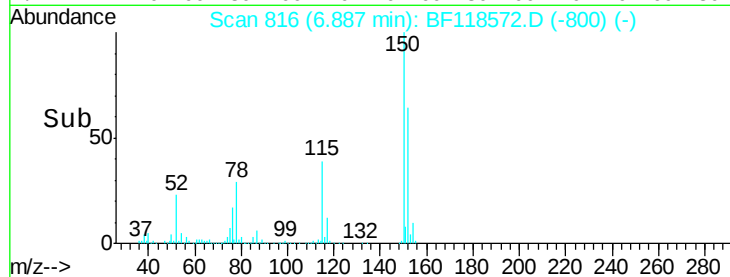
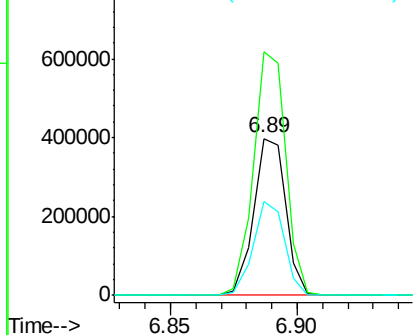
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Instrument :
BNA_F
ClientSampleId :
SU-03-011520

Tot Ion:152 Resp: 351648
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 60.1 45.8 68.6



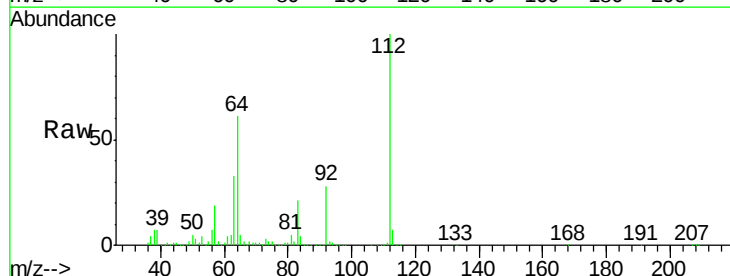
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



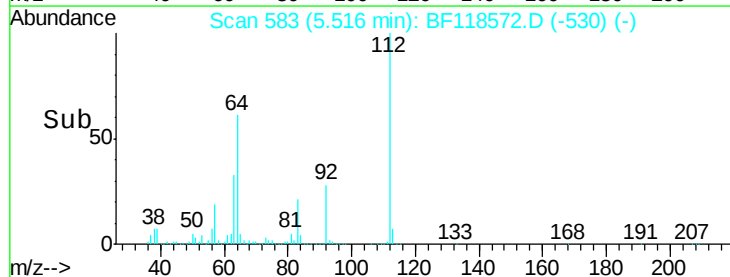
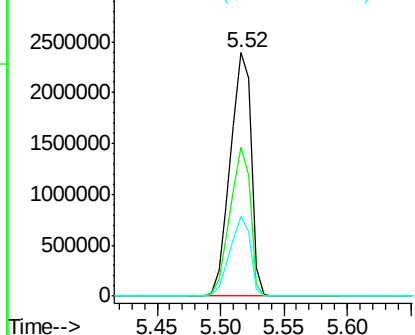
#5

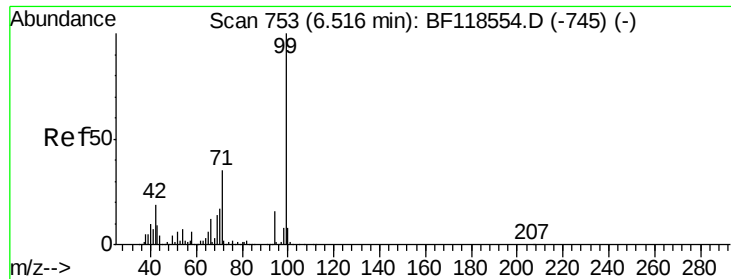
2-Fluorophenol
Concen: 142.217 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:112 Resp: 2706596
Ion Ratio Lower Upper
112 100
64 61.1 49.1 73.7
63 32.9 25.8 38.8



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: 130.858 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

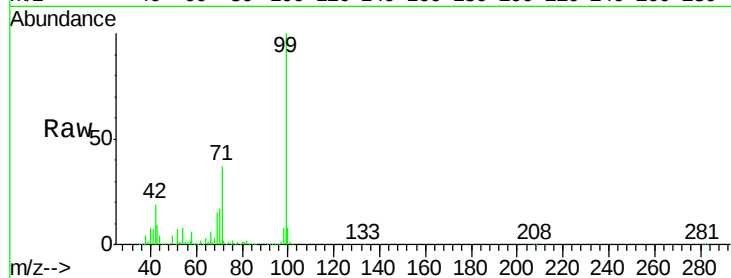
Tot Ion: 99 Resp: 3263212

Ion Ratio Lower Upper

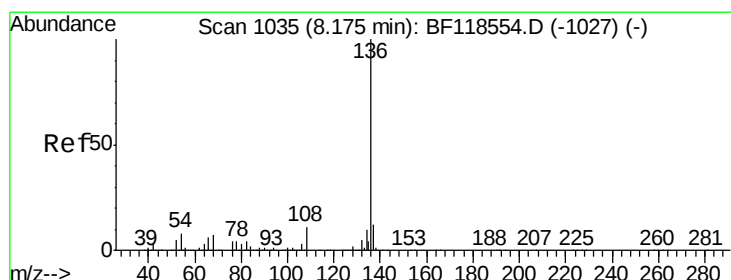
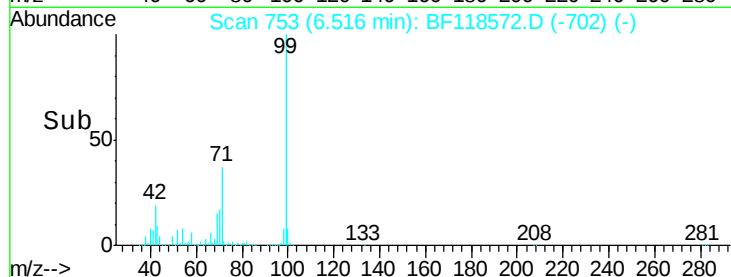
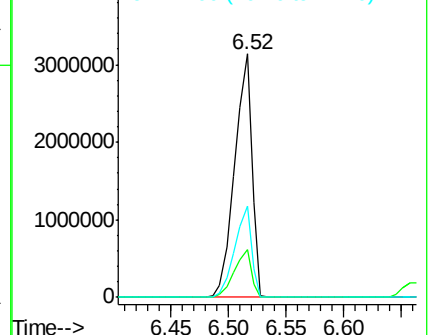
99 100

42 19.5 14.9 22.3

71 37.5 28.3 42.5



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Tgt Ion: 136 Resp: 1285782

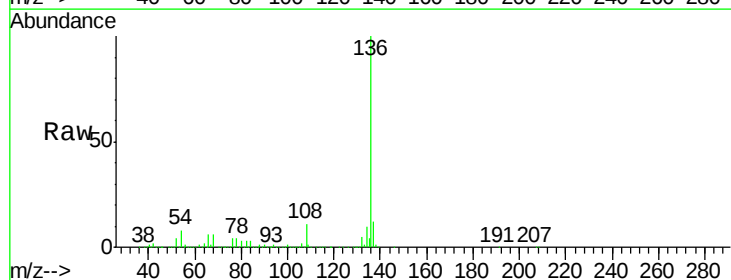
Ion Ratio Lower Upper

136 100

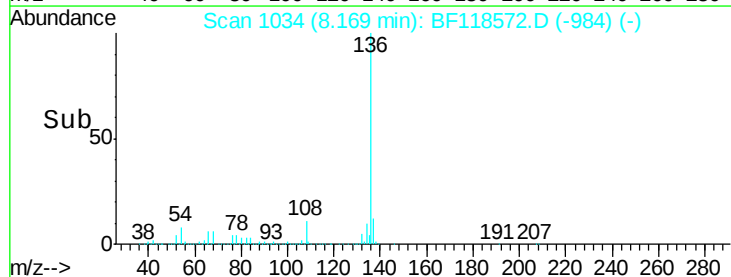
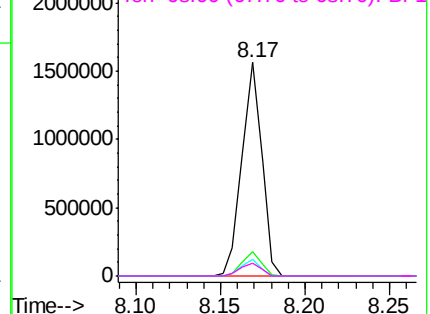
137 11.5 9.4 14.0

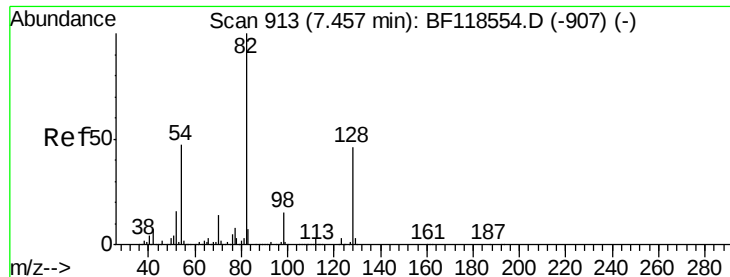
54 7.6 6.2 9.2

68 6.3 5.4 8.0



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



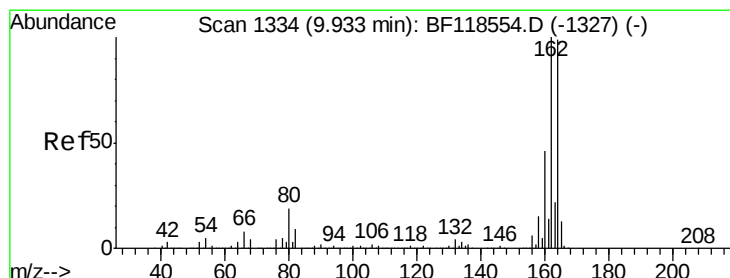
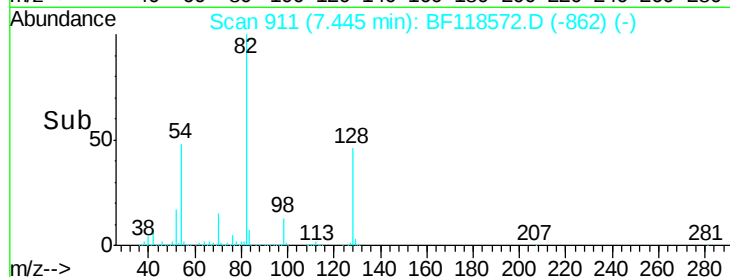
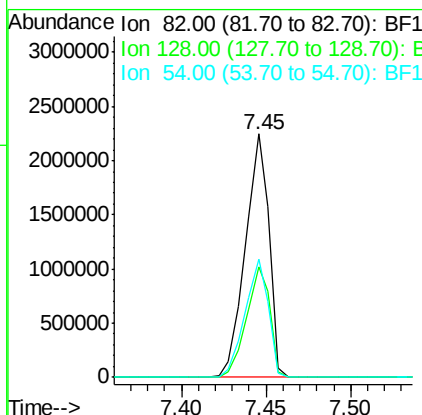
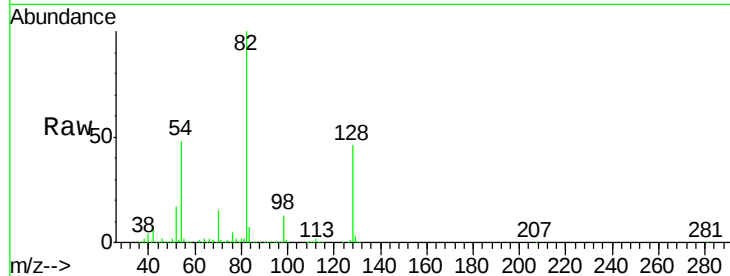


#23
 Nitrobenzene-d5
 Concen: 105.543 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-011520

Tot Ion: 82 Resp: 2197237

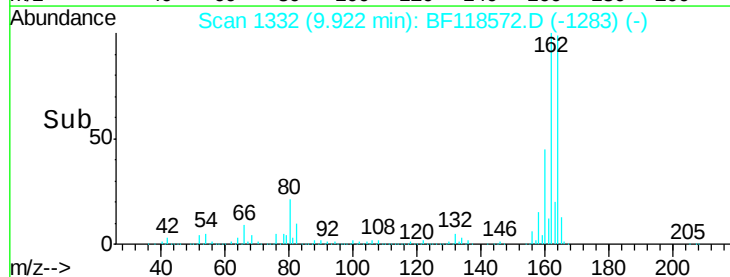
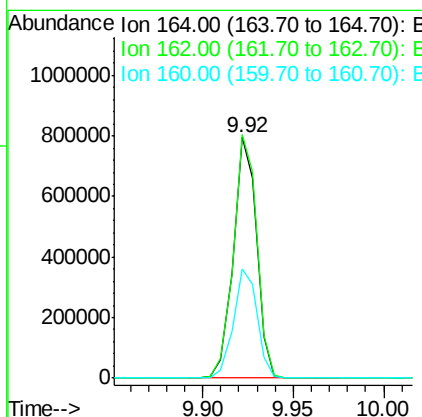
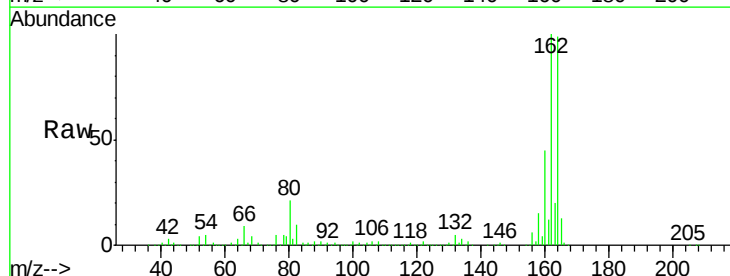
Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.0	55.4
54	48.3	37.4	56.0

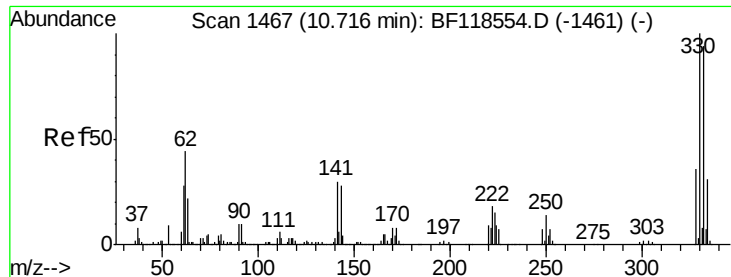


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118572.D
 Acq: 17 Jan 2020 21:50

Tgt Ion:164 Resp: 711996

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.2	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 157.191 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

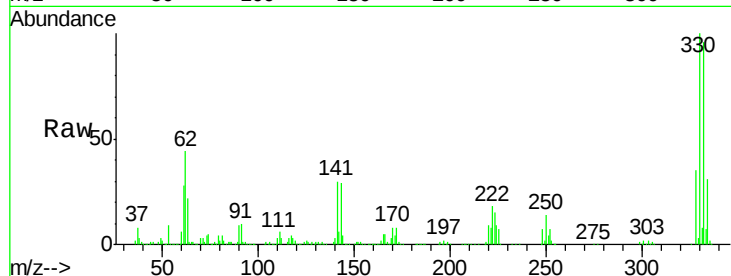
Tot Ion:330 Resp: 1237248

Ion Ratio Lower Upper

330 100

332 95.2 76.4 114.6

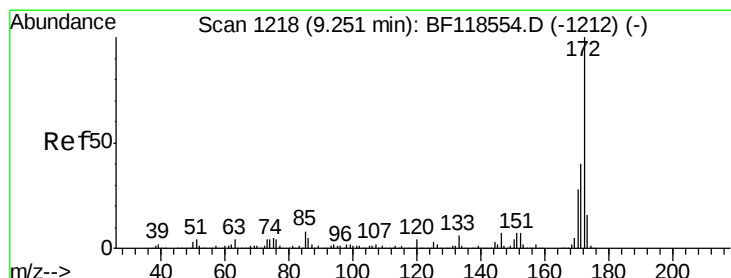
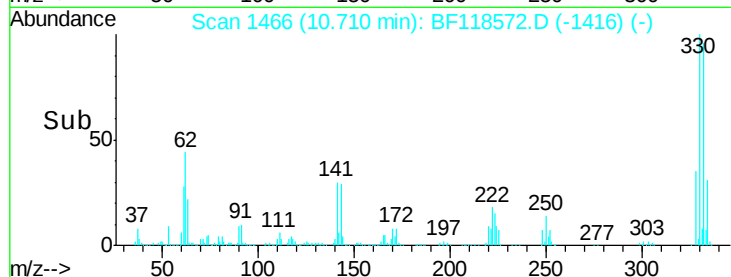
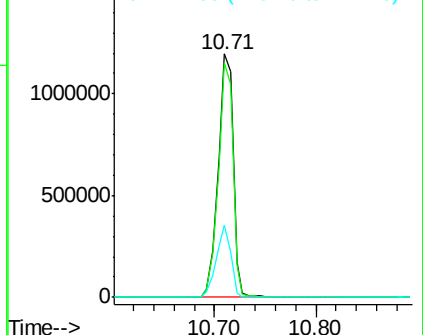
141 28.9 23.4 35.2



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: 102.015 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

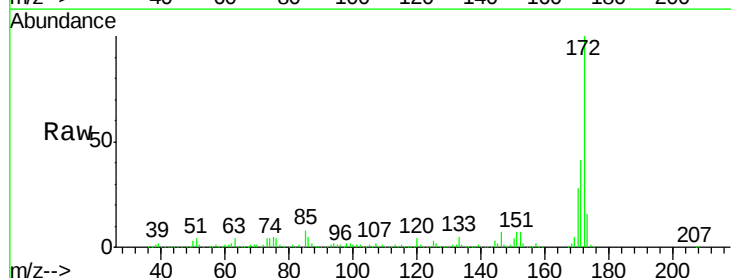
Tgt Ion:172 Resp: 4023394

Ion Ratio Lower Upper

172 100

171 40.9 32.4 48.6

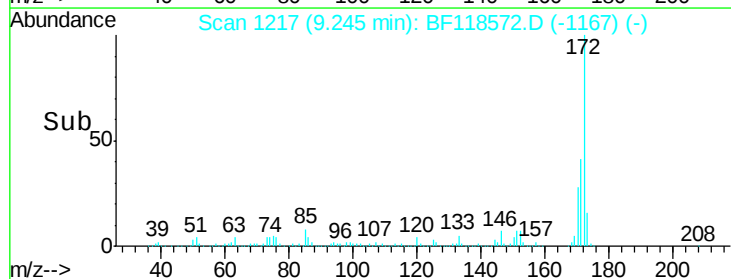
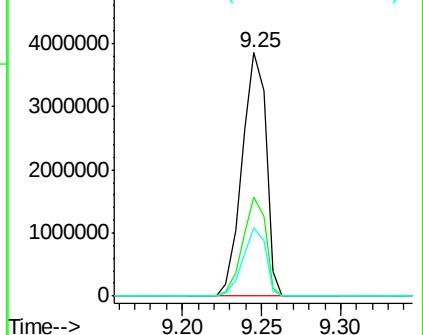
170 27.8 22.5 33.7

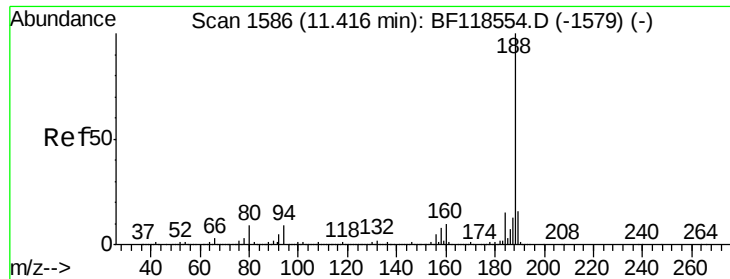


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

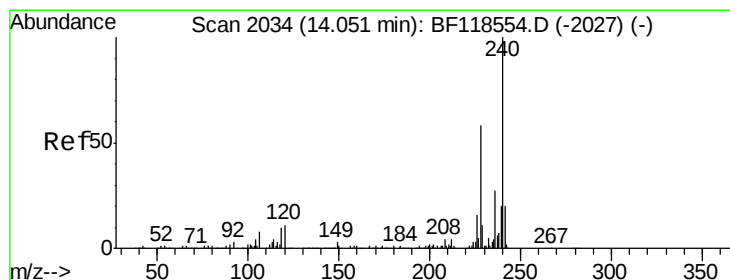
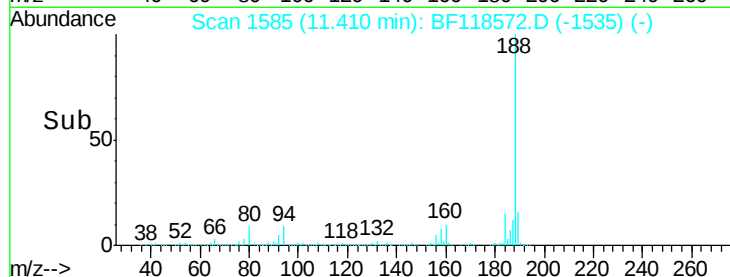
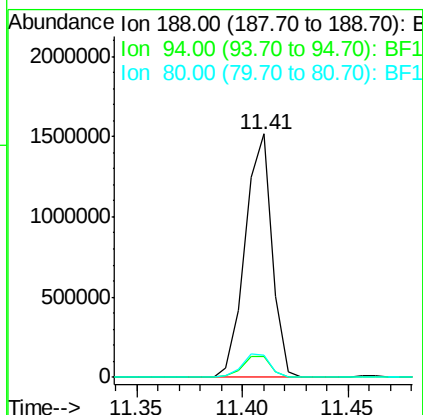
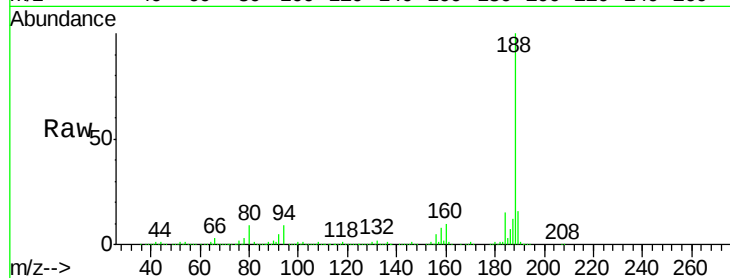




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

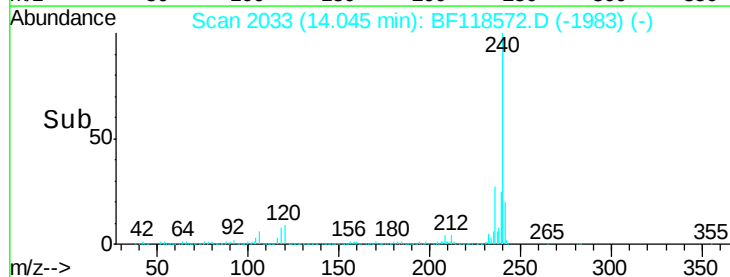
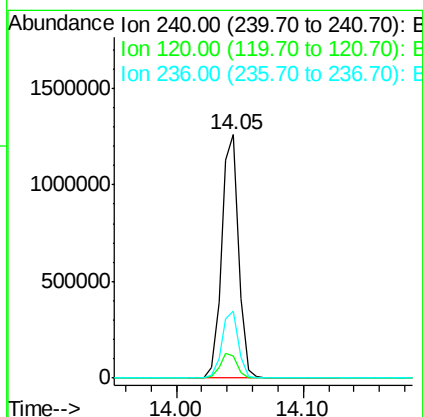
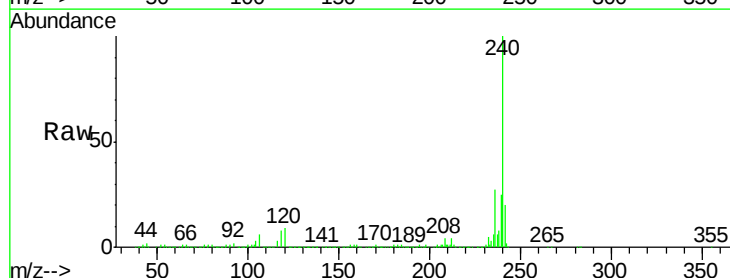
Instrument :
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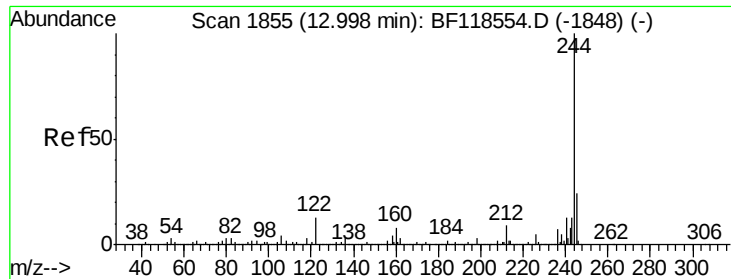
Tot Ion:188 Resp: 1340250
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.2 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118572.D
Acq: 17 Jan 2020 21:50

Tgt Ion:240 Resp: 1169242
Ion Ratio Lower Upper
240 100
120 9.0 8.7 13.1
236 27.4 21.8 32.8





#79

Terphenyl-d14

Concen: 87.619 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

Instrument :

BNA_F

ClientSampleId :

SU-03-011520

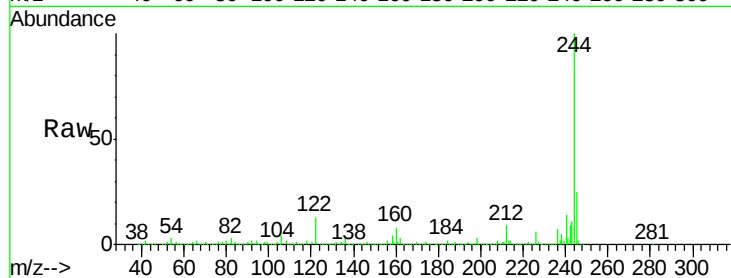
Tot Ion:244 Resp: 5187413

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

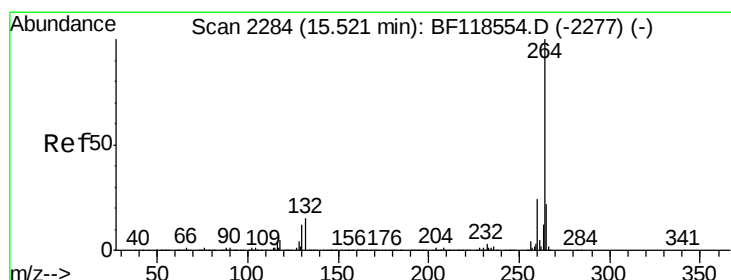
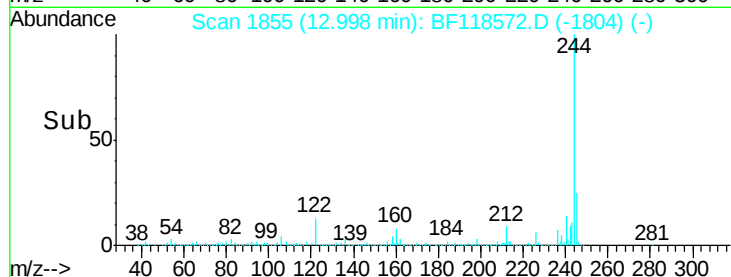
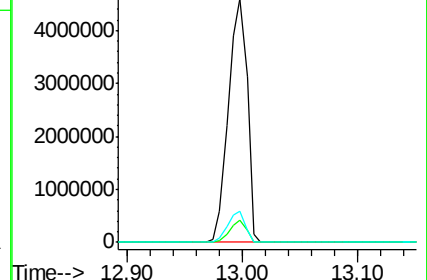
122 12.7 10.4 15.6



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# 2283

Delta R.T. -0.01 min

Lab File: BF118572.D

Acq: 17 Jan 2020 21:50

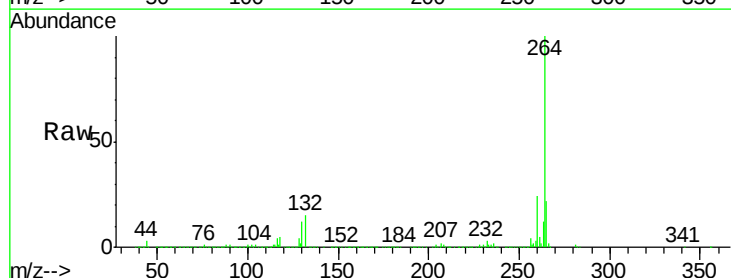
Tgt Ion:264 Resp: 1234854

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.8 17.6 26.4



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

