

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118564.D
 Acq On : 17 Jan 2020 18:07
 Operator : JU
 Sample : L1008-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011620

Quant Time: Jan 18 01:24:19 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	279027	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1053770	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	588850	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1130200	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	1049054	20.00	ng	0.00
87) Perylene-d12	15.52	264	1147679	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	751270	49.75	ng	-0.01
7) Phenol-d6	6.50	99	919079	46.45	ng	-0.02
23) Nitrobenzene-d5	7.44	82	589323	34.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	334915	51.45	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	1258739	38.59	ng	0.00
79) Terphenyl-d14	12.99	244	1844637	34.73	ng	0.00

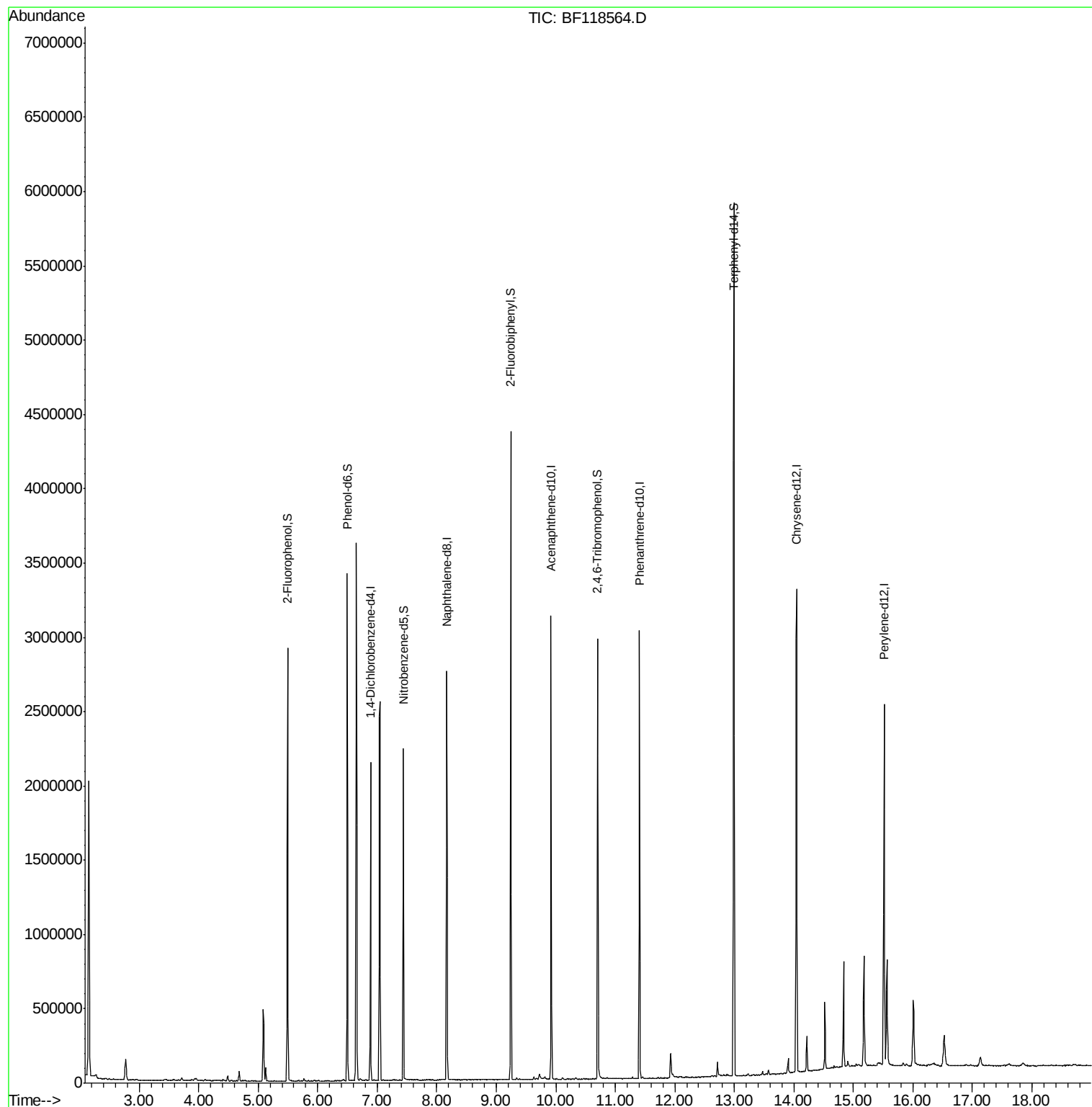
Target Compounds	Qvalue
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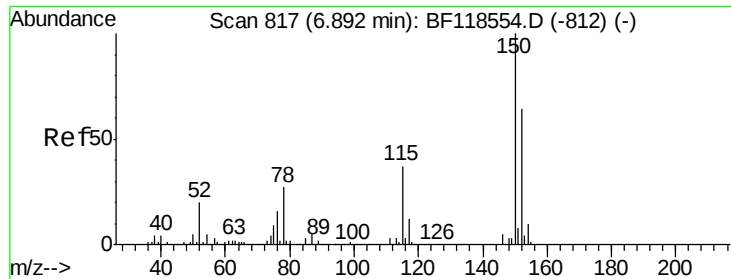
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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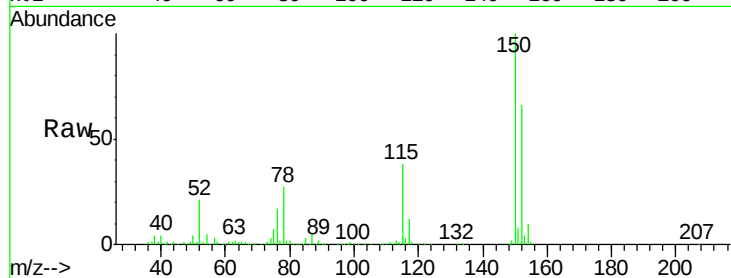


#1

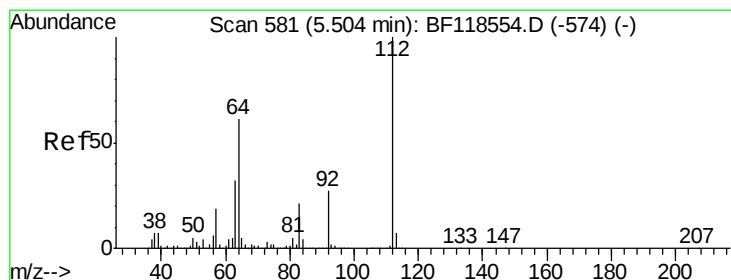
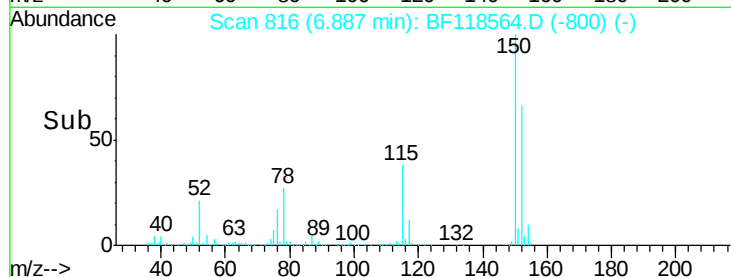
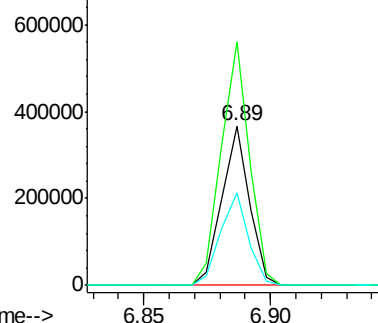
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118564.D
Acq: 17 Jan 2020 18:07

Instrument :
BNA_F
ClientSampleId :
CL-01-011620

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.9	187.3
115	58.2	45.8	68.6



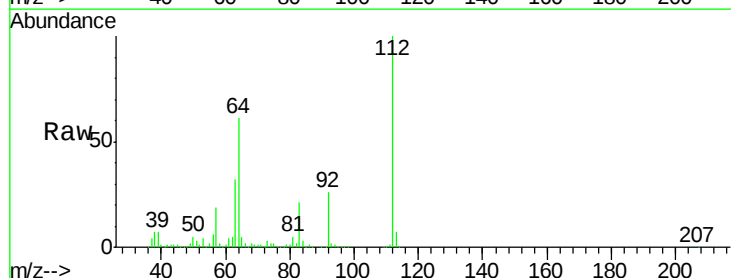
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



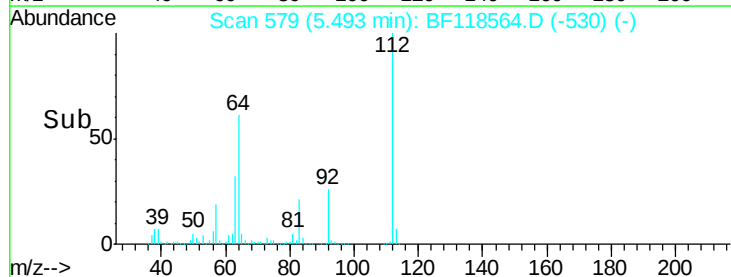
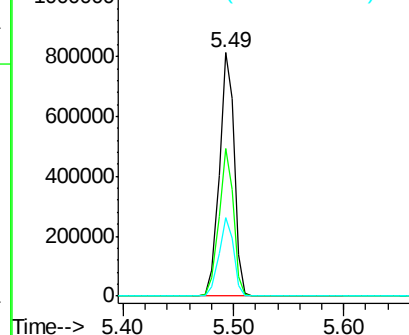
#5

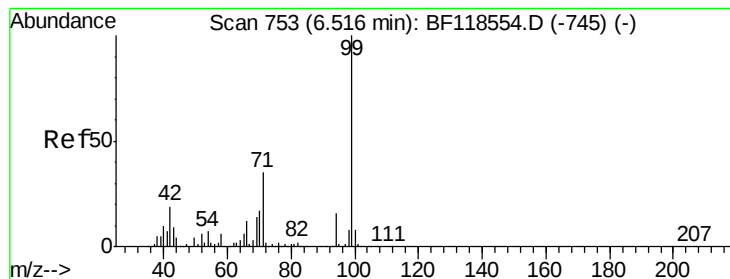
2-Fluorophenol
Concen: 49.749 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF118564.D
Acq: 17 Jan 2020 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	49.1	73.7
63	32.0	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: 46.448 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF118564.D

Acq: 17 Jan 2020 18:07

Instrument :

BNA_F

ClientSampleId :

CL-01-011620

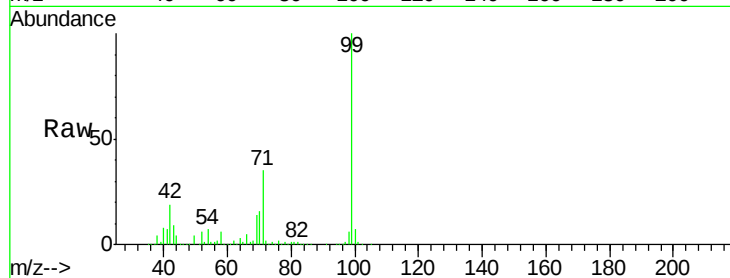
Tot Ion: 99 Resp: 919079

Ion Ratio Lower Upper

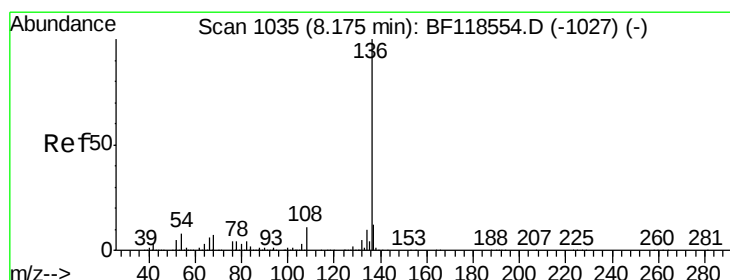
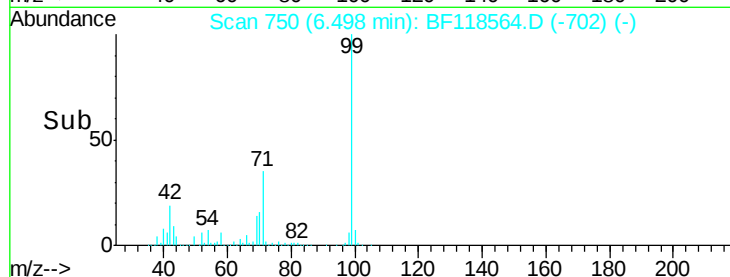
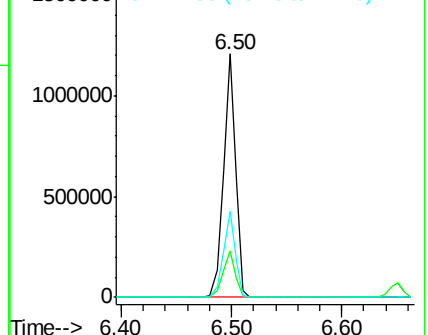
99 100

42 19.1 14.9 22.3

71 35.3 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: BF118564.D

Acq: 17 Jan 2020 18:07

Tgt Ion:136 Resp: 1053770

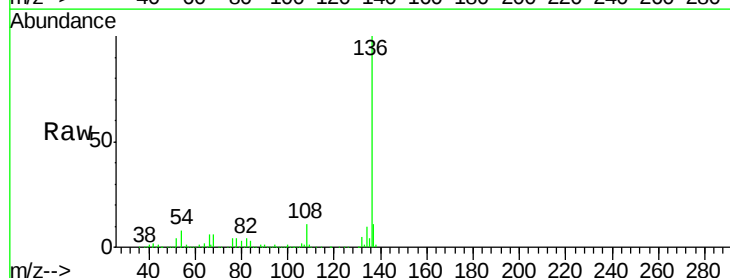
Ion Ratio Lower Upper

136 100

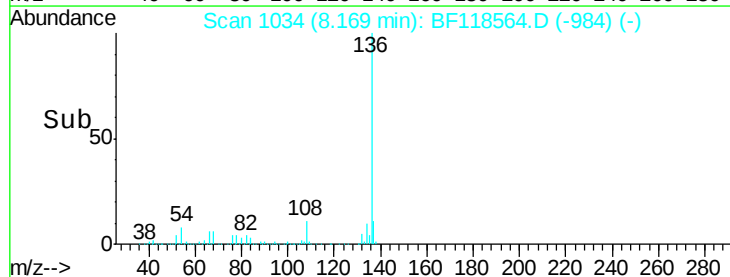
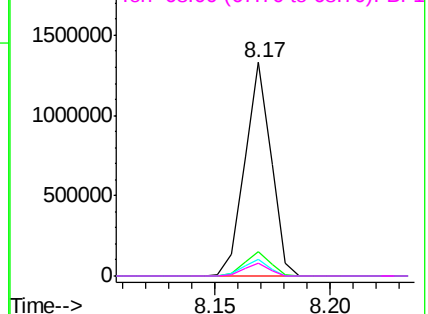
137 11.3 9.4 14.0

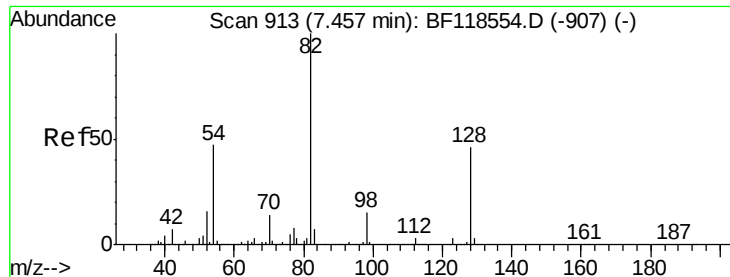
54 7.6 6.2 9.2

68 6.2 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

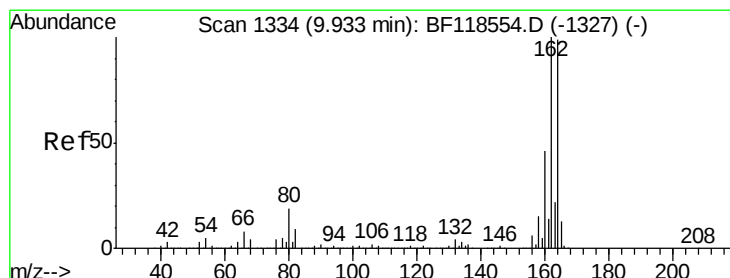
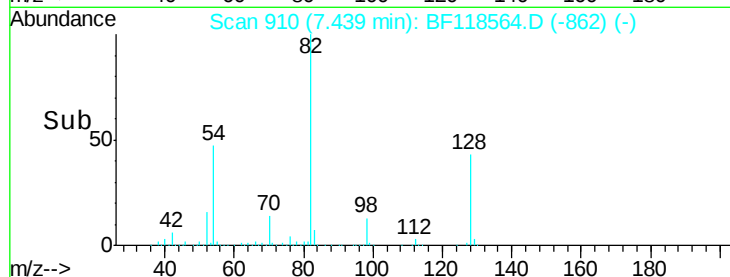
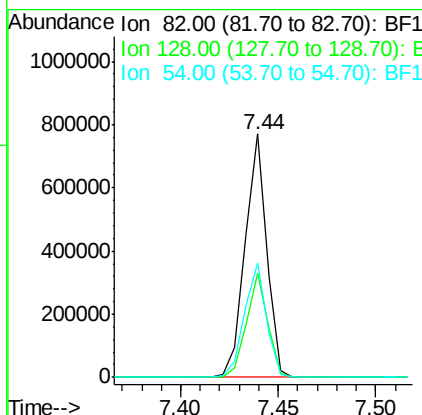
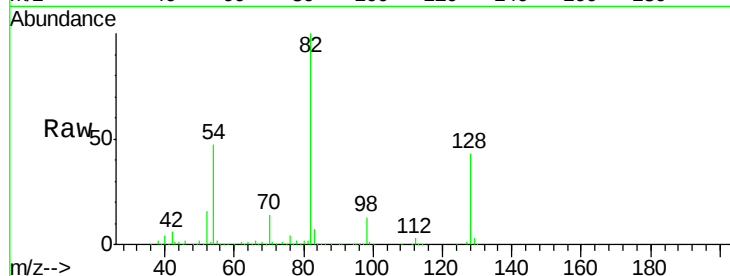




#23
 Nitrobenzene-d5
 Concen: 34.540 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF118564.D
 Acq: 17 Jan 2020 18:07

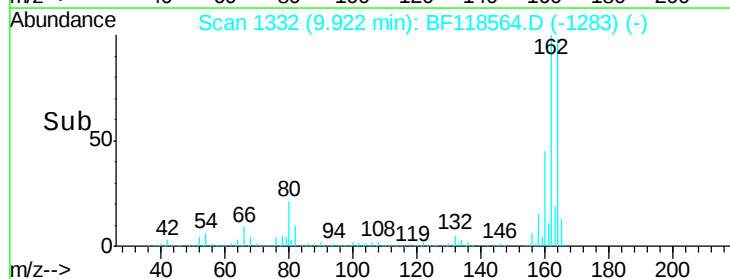
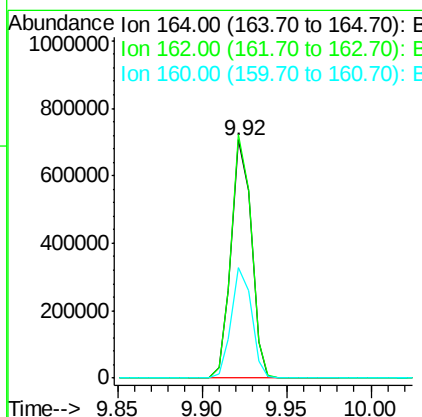
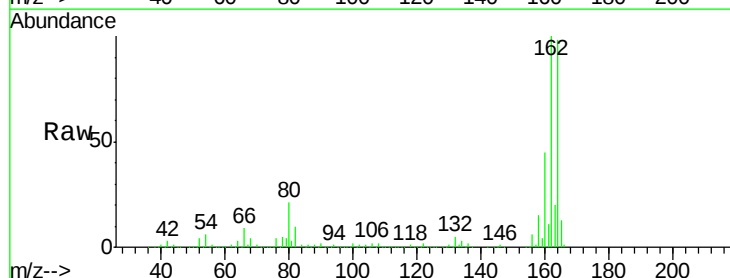
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-011620

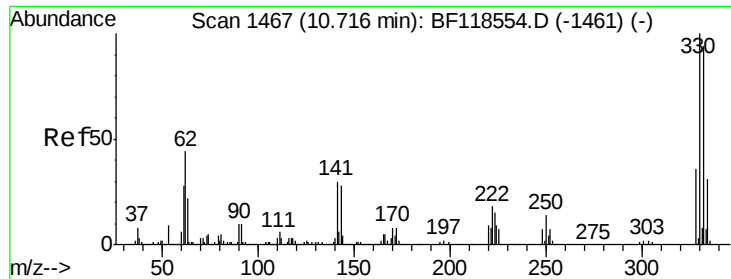
Tot Ion	82	Resp	589323
Ion Ratio	Lower	Upper	
82	100		
128	43.0	37.0	55.4
54	46.9	37.4	56.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF118564.D
 Acq: 17 Jan 2020 18:07

Tgt Ion	164	Resp	588850
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.6	120.8
160	46.4	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 51.449 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118564.D

Acq: 17 Jan 2020 18:07

Instrument :

BNA_F

ClientSampleId :

CL-01-011620

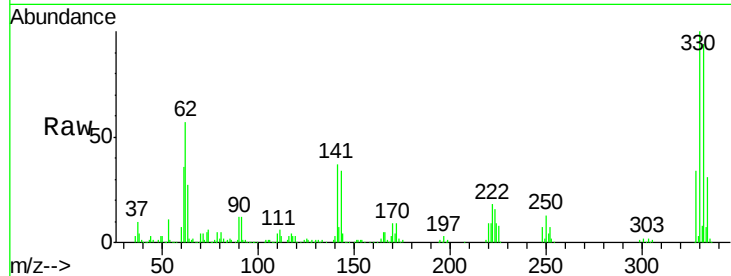
Tot Ion:330 Resp: 334915

Ion Ratio Lower Upper

330 100

332 95.4 76.4 114.6

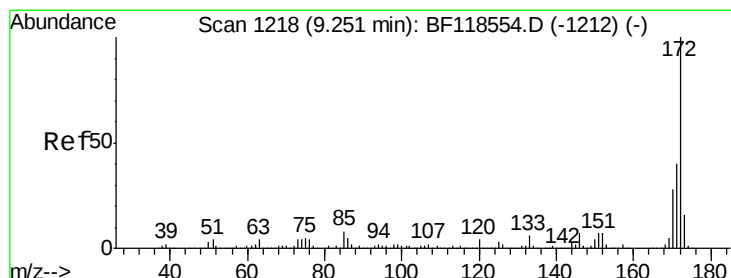
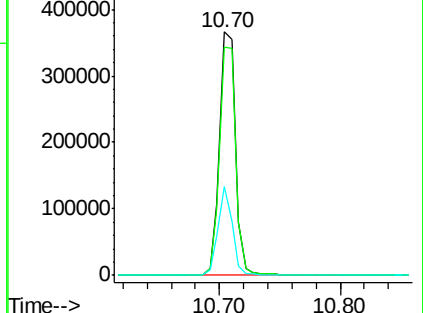
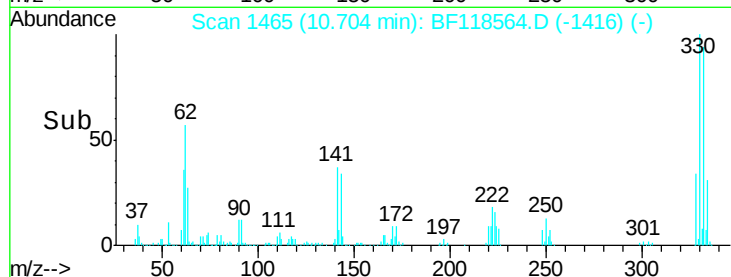
141 32.2 23.4 35.2



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: 38.591 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF118564.D

Acq: 17 Jan 2020 18:07

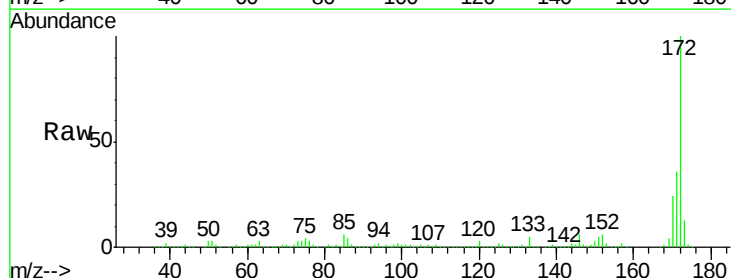
Tgt Ion:172 Resp: 1258739

Ion Ratio Lower Upper

172 100

171 36.1 32.4 48.6

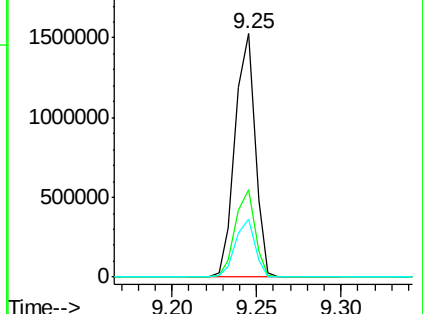
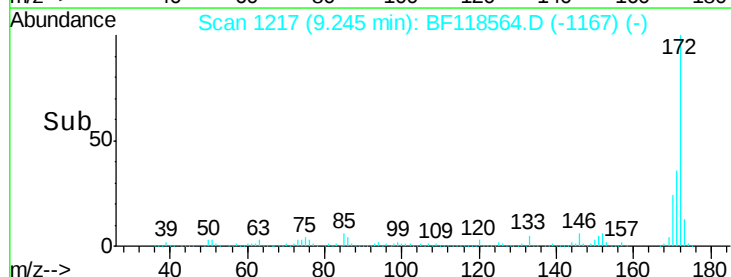
170 23.9 22.5 33.7

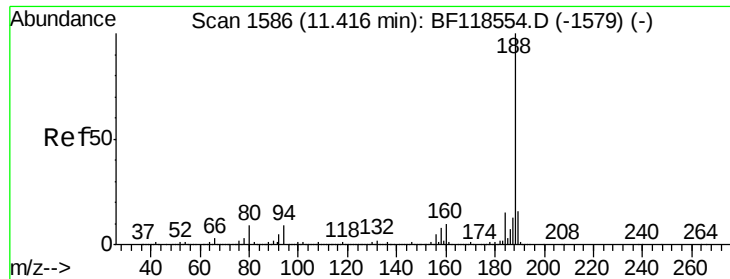


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

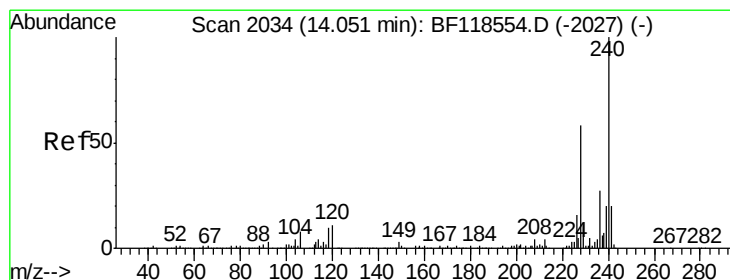
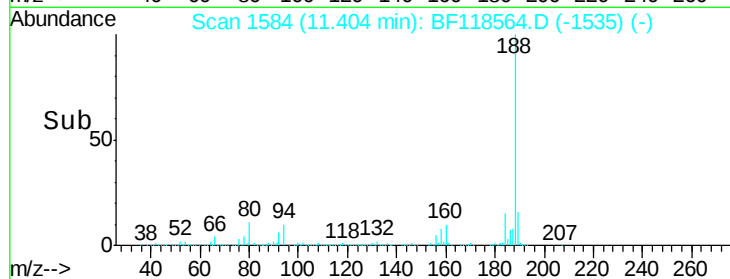
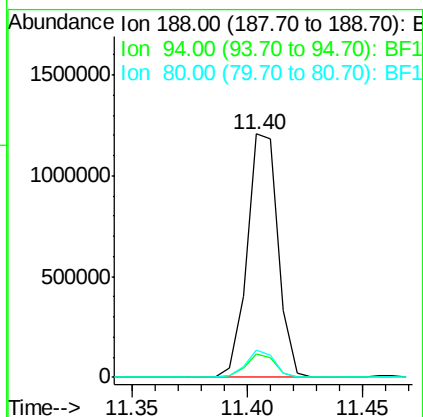
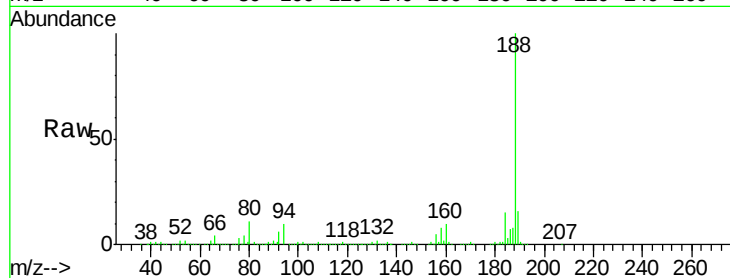




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118564.D
Acq: 17 Jan 2020 18:07

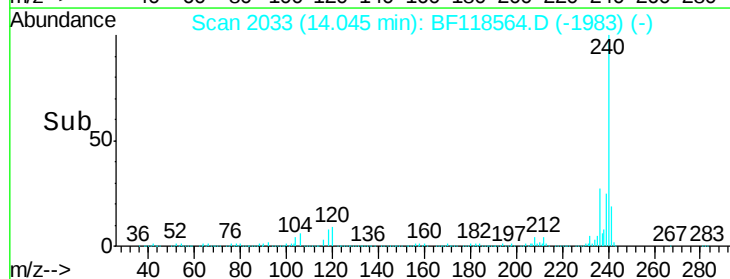
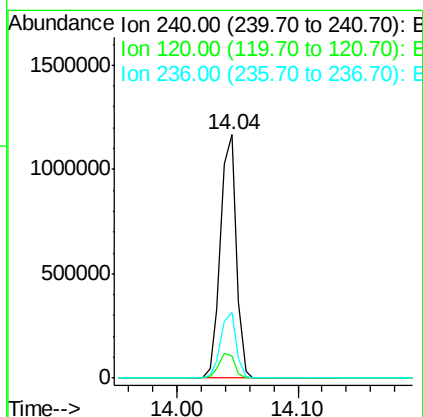
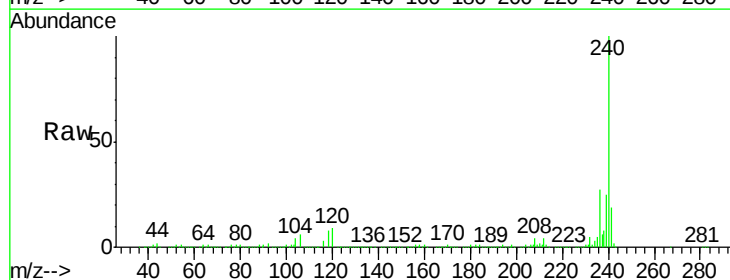
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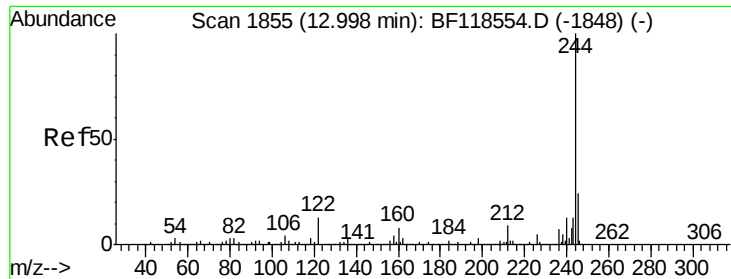
Tot Ion:188 Resp: 1130200
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 11.0 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118564.D
Acq: 17 Jan 2020 18:07

Tgt Ion:240 Resp: 1049054
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 26.7 21.8 32.8





#79

Terphenyl-d14

Concen: 34.727 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118564.D

Acq: 17 Jan 2020 18:07

Instrument :

BNA_F

ClientSampleId :

CL-01-011620

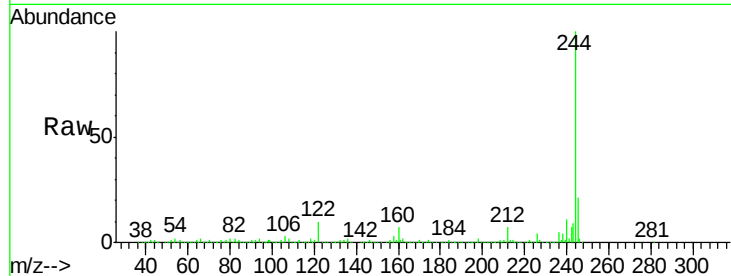
Tot Ion:244 Resp: 1844637

Ion Ratio Lower Upper

244 100

212 6.8 7.0 10.4#

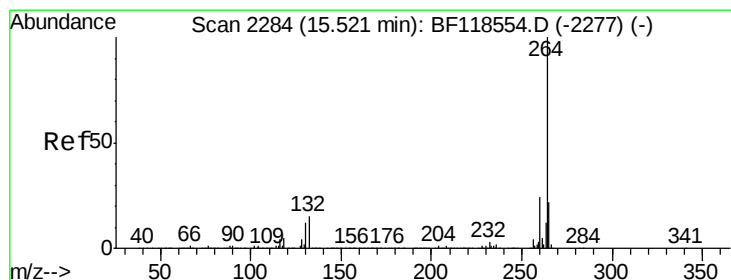
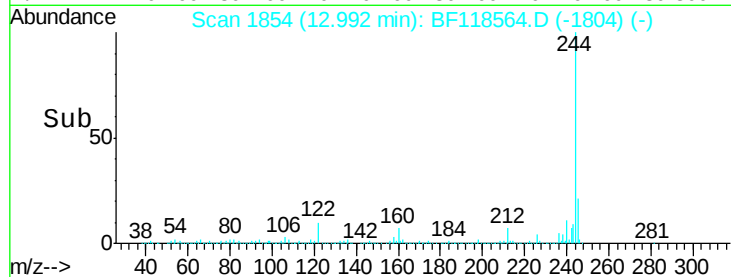
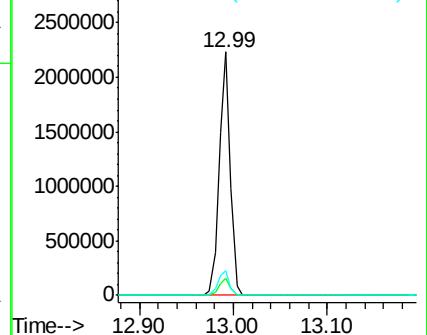
122 10.1 10.4 15.6#



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: BF118564.D

Acq: 17 Jan 2020 18:07

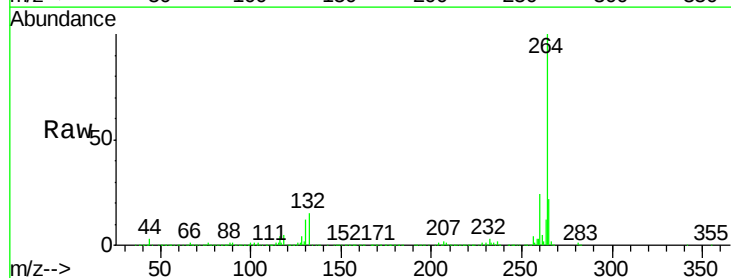
Tgt Ion:264 Resp: 1147679

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.2 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

