

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118540.D
 Acq On : 13 Jan 2020 19:41
 Operator : JU
 Sample : L1068-02 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDE-WALK

Quant Time: Jan 14 12:33:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 11:02:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	70823	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	252531	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	179858	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	306724	20.00	ng	0.00
76) Chrysene-d12	14.00	240	248366	20.00	ng	-0.01
87) Perylene-d12	15.49	264	281369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	31343	7.31	ng	0.00
7) Phenol-d6	6.46	99	61794	12.05	ng	0.00
23) Nitrobenzene-d5	7.38	82	43202	8.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	10090	4.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	133782	10.67	ng	-0.01
79) Terphenyl-d14	12.94	244	168603	10.76	ng	0.00

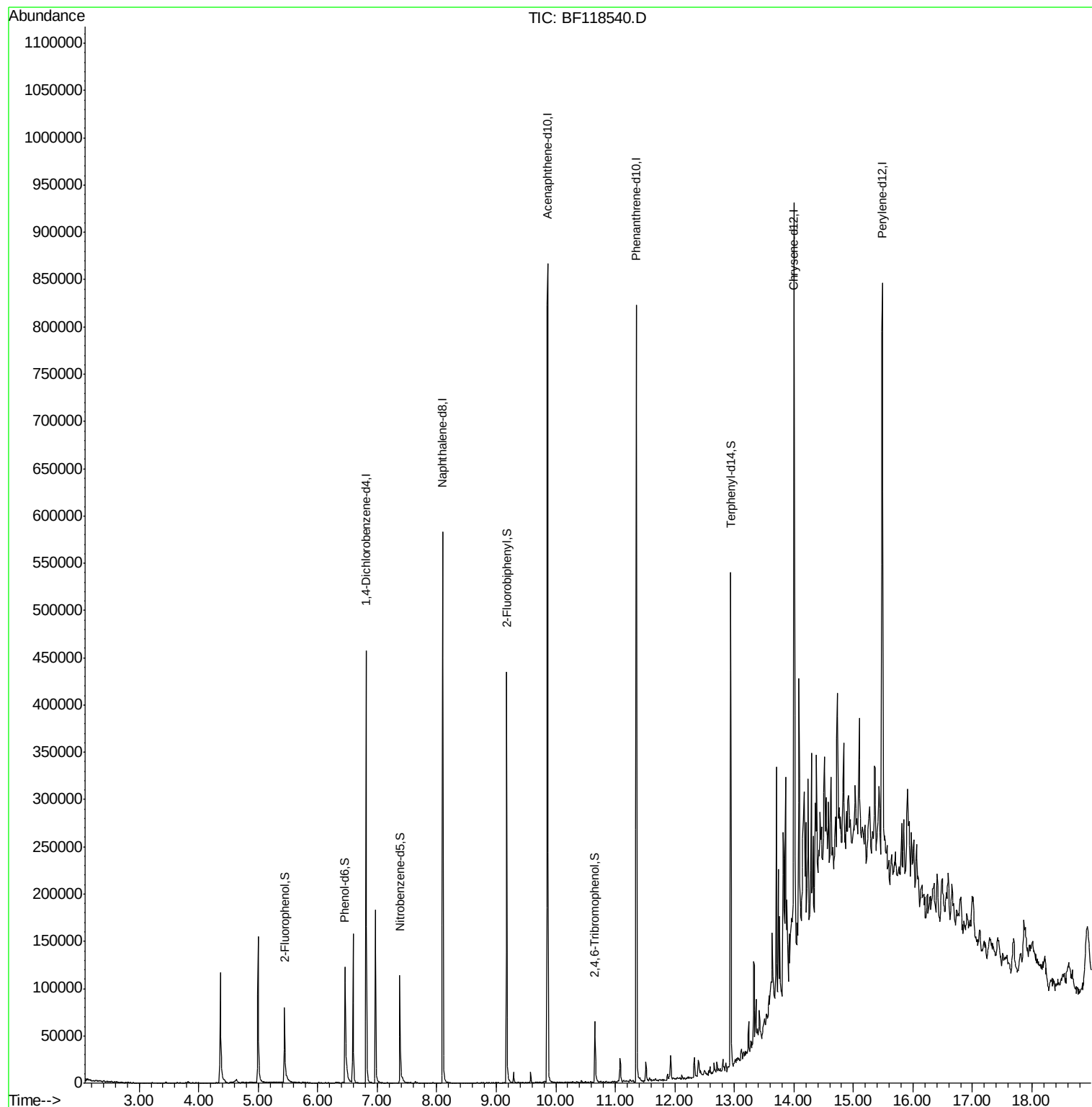
Target Compounds Qvalue

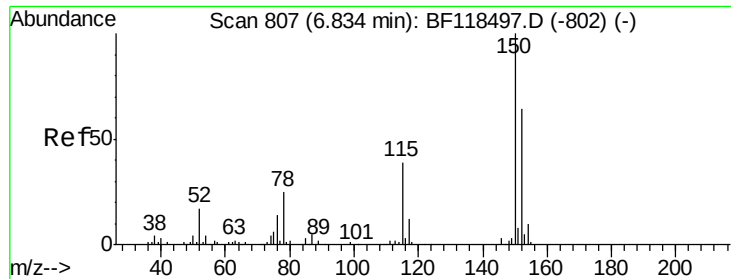
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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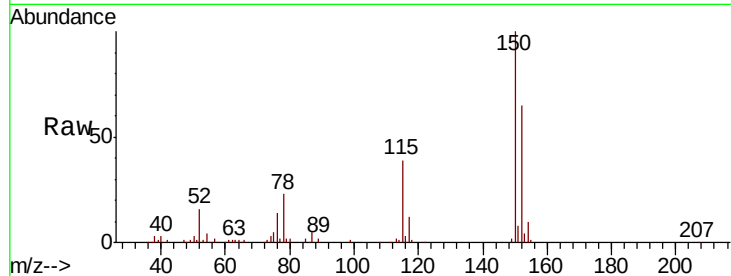


#1

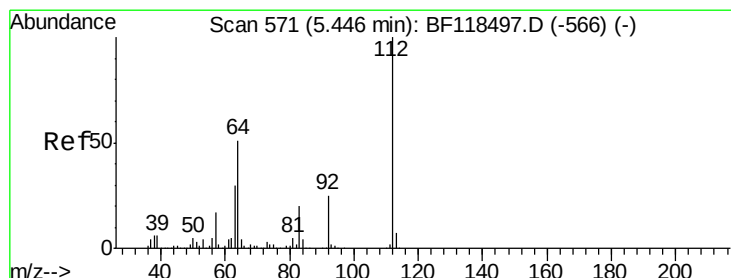
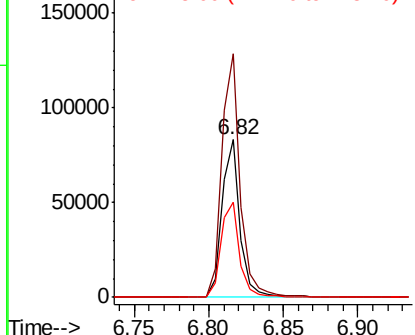
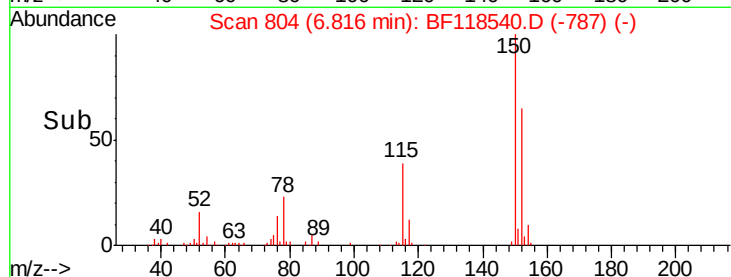
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118540.D
Acq: 13 Jan 2020 19:41

Instrument :
BNA_F
ClientSampleId :
SIDE-WALK

Tot Ion:152 Resp: 70823
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.0
115 60.9 53.2 79.8



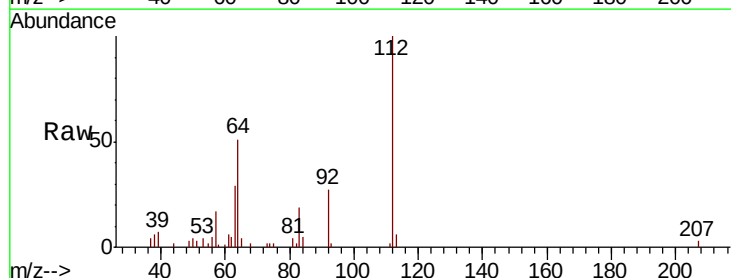
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



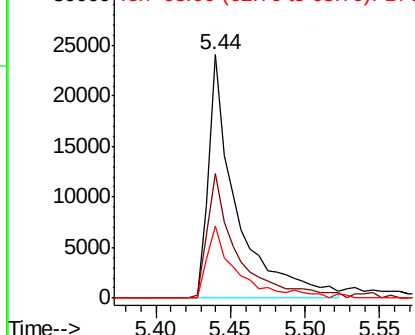
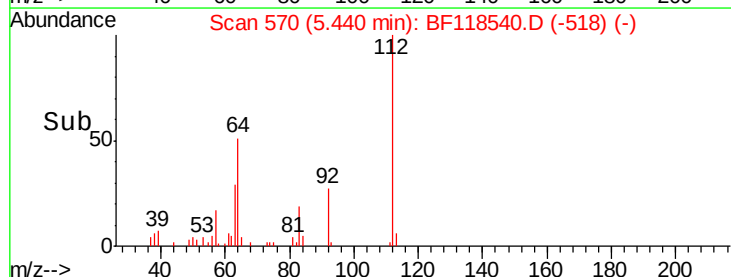
#5

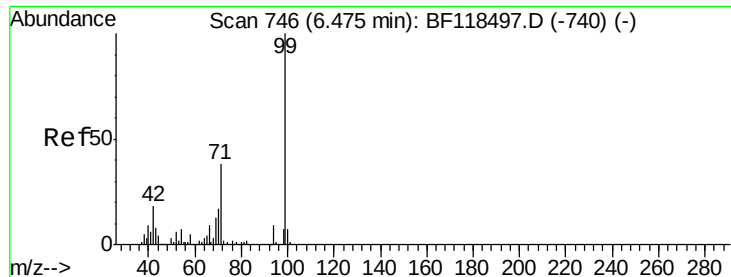
2-Fluorophenol
Concen: 7.305 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118540.D
Acq: 13 Jan 2020 19:41

Tgt Ion:112 Resp: 31343
Ion Ratio Lower Upper
112 100
64 51.4 43.4 65.0
63 29.4 25.5 38.3



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: 12.047 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118540.D

Acq: 13 Jan 2020 19:41

Instrument :

BNA_F

ClientSampleId :

SIDE-WALK

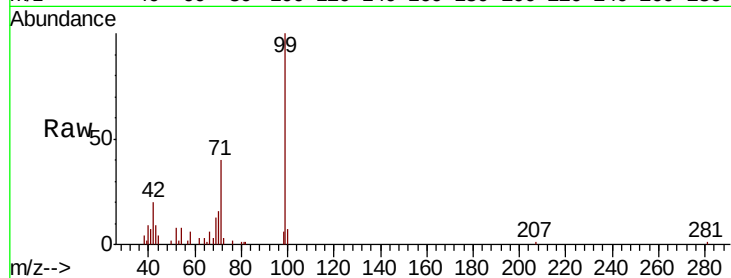
Tot Ion: 99 Resp: 61794

Ion Ratio Lower Upper

99 100

42 19.8 15.0 22.4

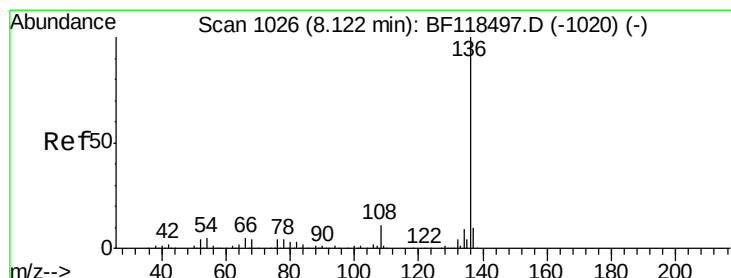
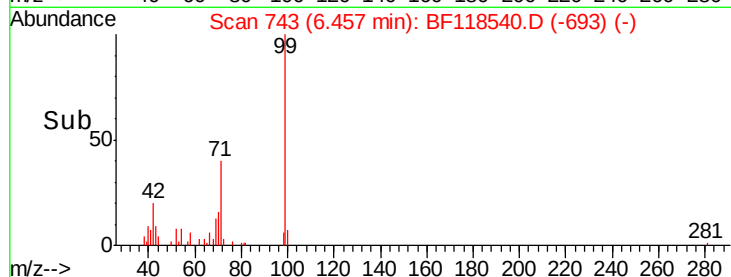
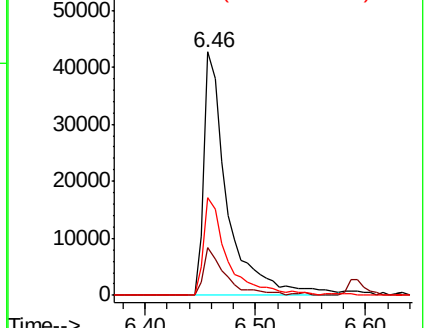
71 40.0 31.4 47.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118540.D

Acq: 13 Jan 2020 19:41

Tgt Ion: 136 Resp: 252531

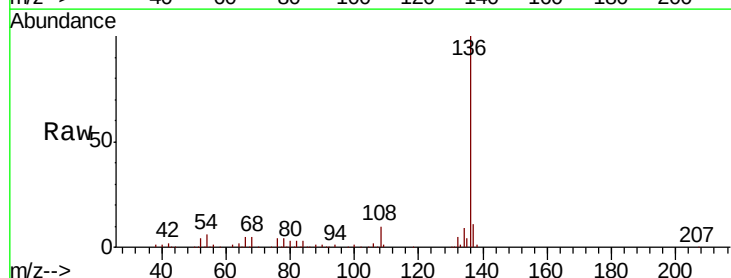
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 5.8 4.8 7.2

68 4.5 3.7 5.5

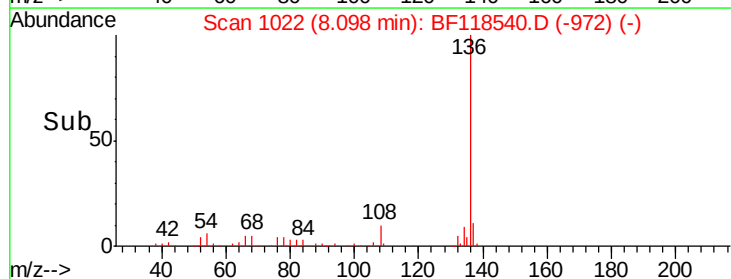
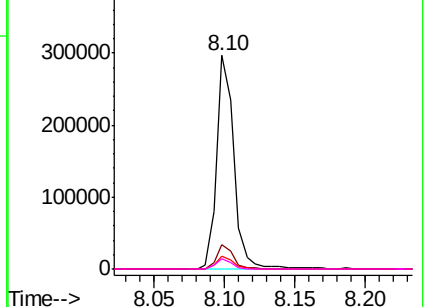


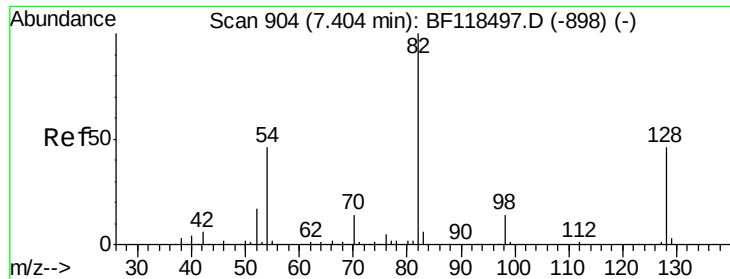
Abundance Ion 136.00 (135.70 to 136.70): E

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

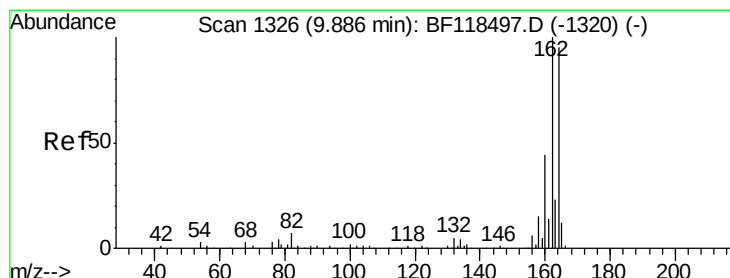
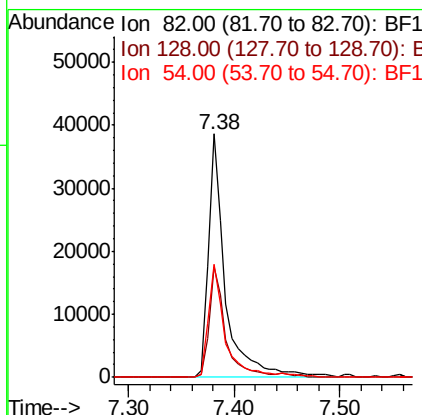
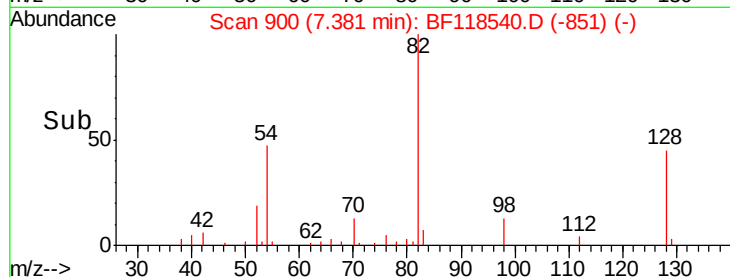
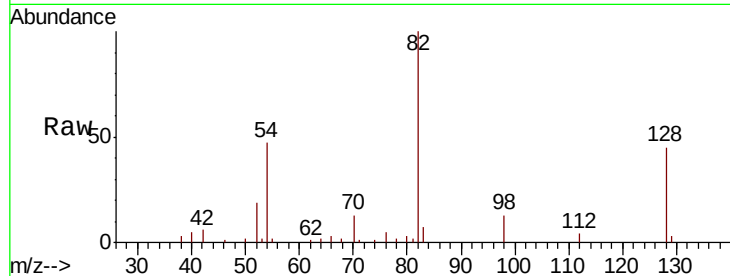




#23
 Nitrobenzene-d5
 Concen: 8.987 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF118540.D
 Acq: 13 Jan 2020 19:41

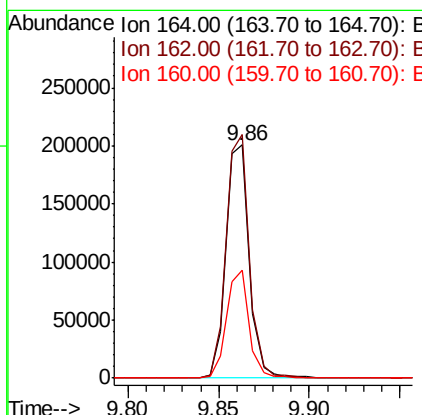
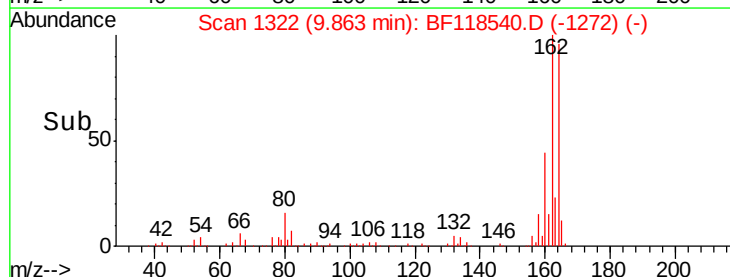
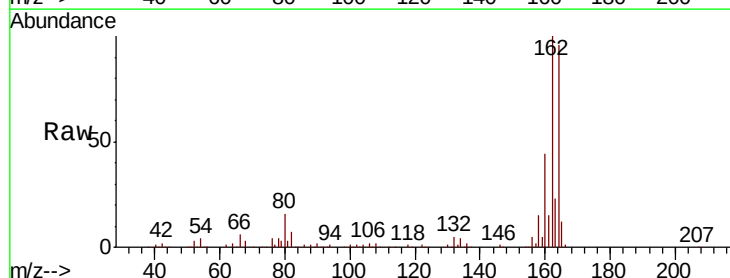
Instrument :
 BNA_F
 ClientSampleId :
 SIDE-WALK

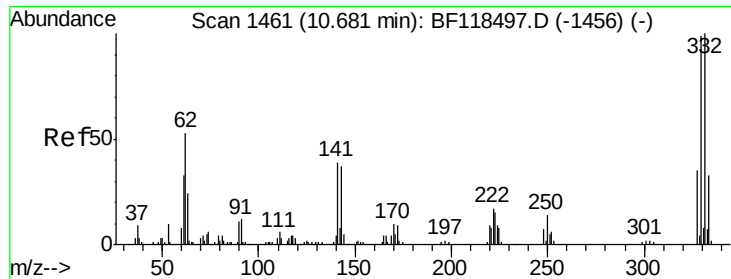
Tot Ion: 82 Resp: 43202
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.6 54.8
 54 46.6 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF118540.D
 Acq: 13 Jan 2020 19:41

Tgt Ion:164 Resp: 179858
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.3 123.5
 160 46.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 4.754 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF118540.D

Acq: 13 Jan 2020 19:41

Instrument :

BNA_F

ClientSampleId :

SIDE-WALK

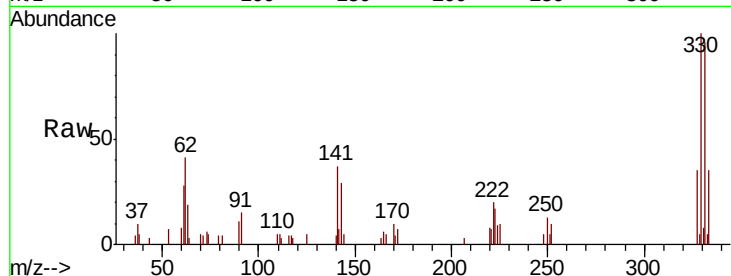
Tot Ion:330 Resp: 10090

Ion Ratio Lower Upper

330 100

332 102.2 75.5 113.3

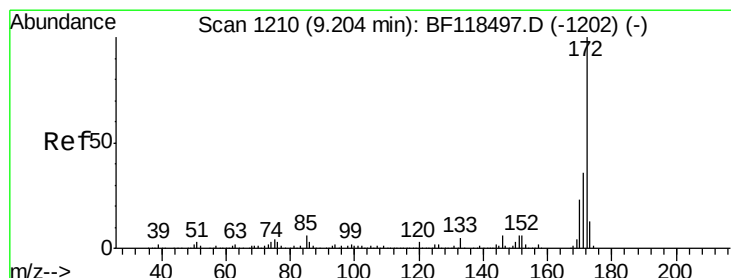
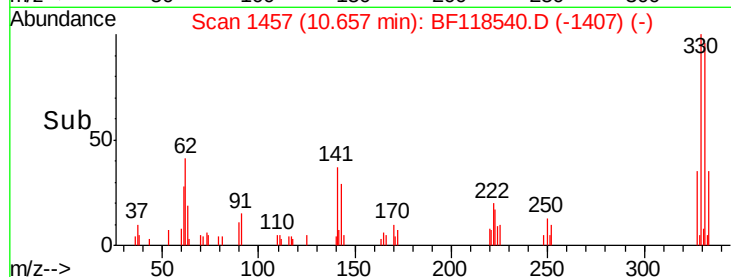
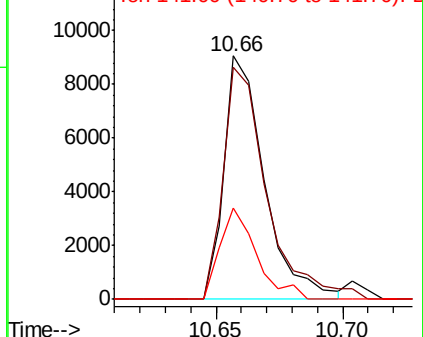
141 33.7 27.8 41.6



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: 10.668 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF118540.D

Acq: 13 Jan 2020 19:41

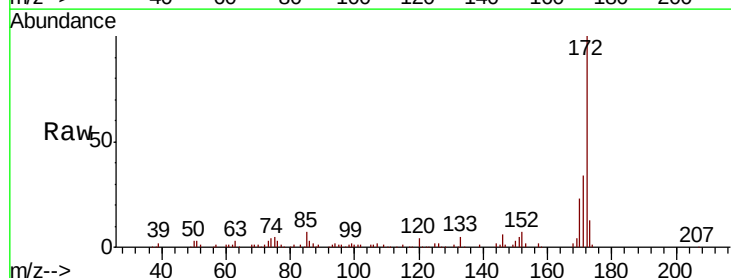
Tgt Ion:172 Resp: 133782

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

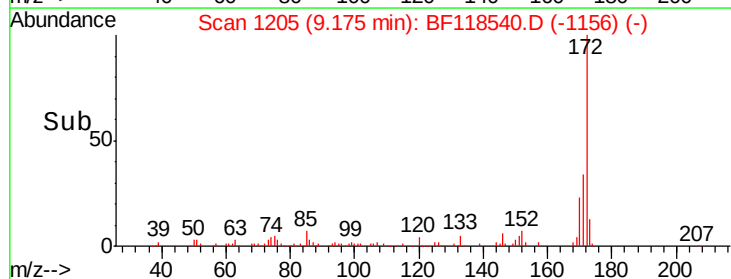
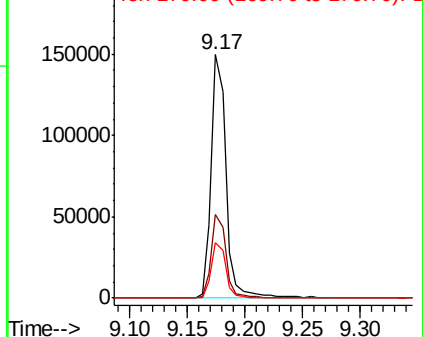
170 22.9 19.0 28.4

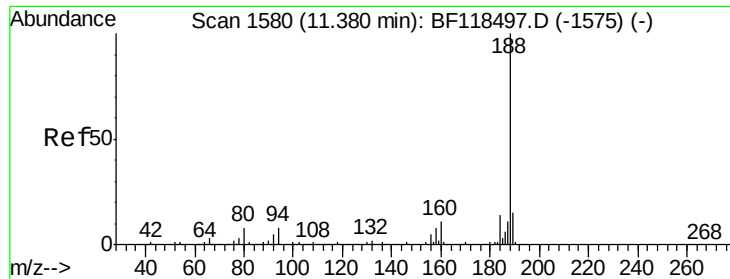


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

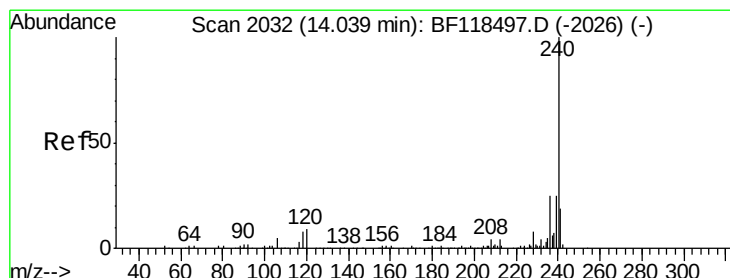
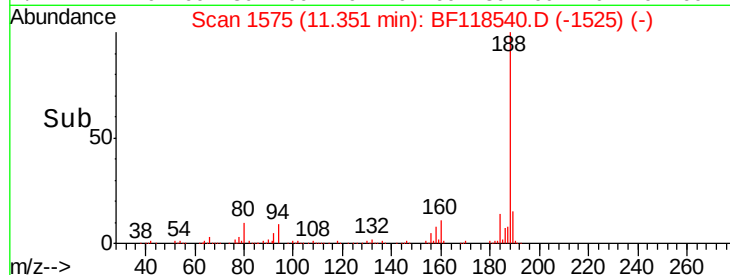
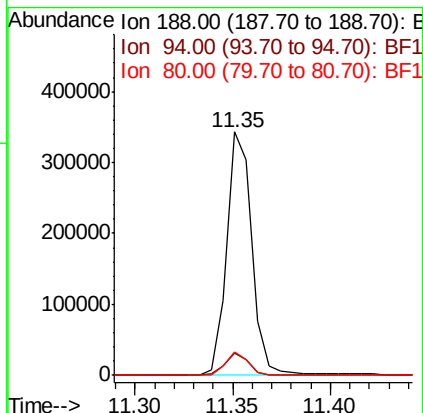
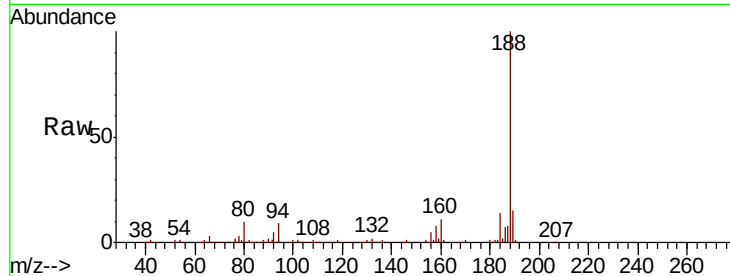




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF118540.D
Acq: 13 Jan 2020 19:41

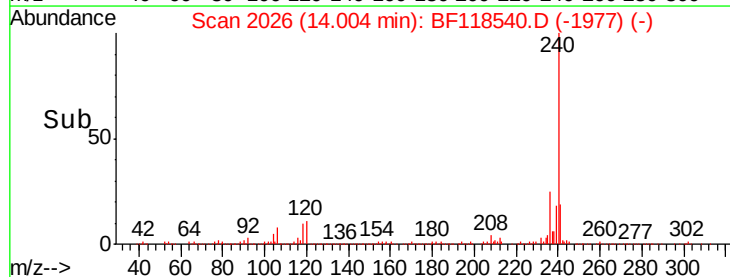
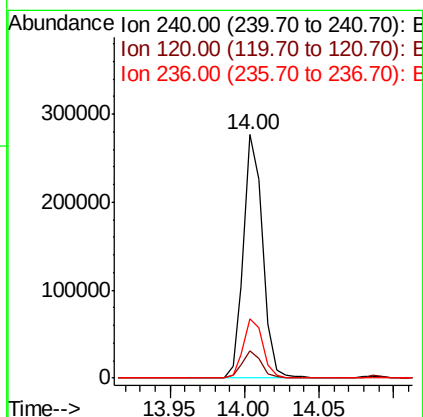
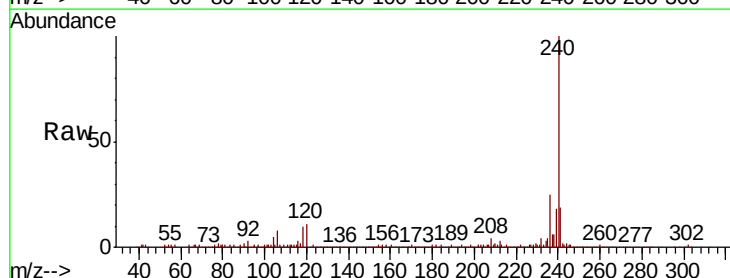
Instrument :
BNA_F
ClientSampleId :
SIDE-WALK

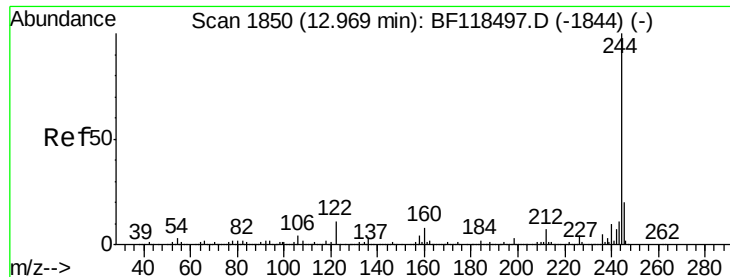
Tot Ion:188 Resp: 306724
Ion Ratio Lower Upper
188 100
94 8.9 6.3 9.5
80 9.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118540.D
Acq: 13 Jan 2020 19:41

Tgt Ion:240 Resp: 248366
Ion Ratio Lower Upper
240 100
120 11.2 6.9 10.3#
236 24.6 20.6 30.8





#79

Terphenyl-d14

Concen: 10.758 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF118540.D

Acq: 13 Jan 2020 19:41

Instrument :

BNA_F

ClientSampleId :

SIDE-WALK

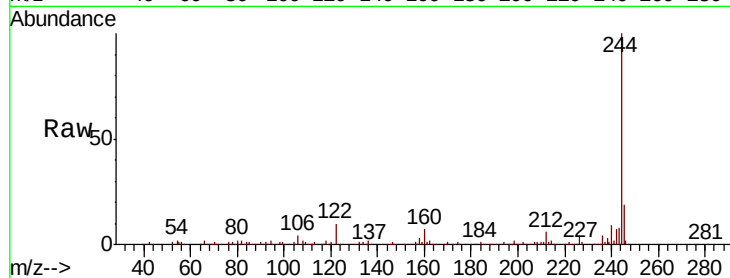
Tot Ion:244 Resp: 168603

Ion Ratio Lower Upper

244 100

212 6.1 5.9 8.9

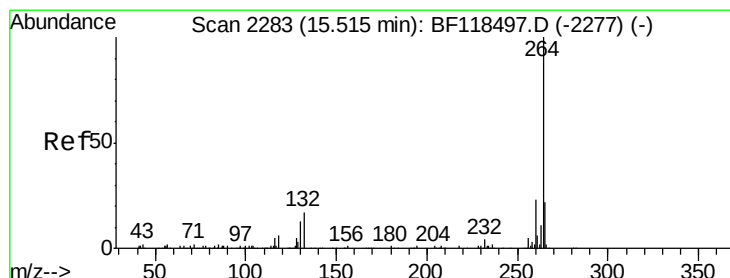
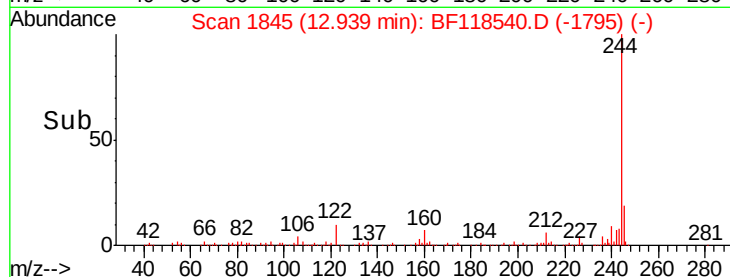
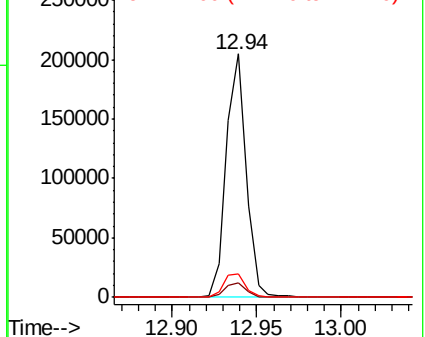
122 9.8 9.5 14.3



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: 15.49 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BF118540.D

Acq: 13 Jan 2020 19:41

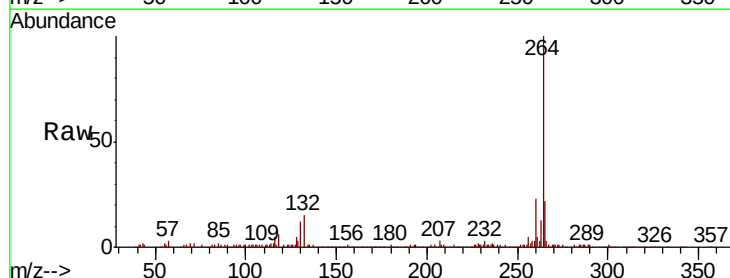
Tgt Ion:264 Resp: 281369

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.7 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

