

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021220\
 Data File : BF118914.D
 Acq On : 12 Feb 2020 14:30
 Operator : CG/JU
 Sample : L1493-06 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-C

Quant Time: Feb 13 00:31:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	246403	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	638507	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	346186	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	558708	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	377984	20.00	ng	-0.02
87) Perylene-d12	15.42	264	437690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	195385	15.01	ng	0.00
7) Phenol-d6	6.44	99	239356	14.81	ng	-0.01
23) Nitrobenzene-d5	7.36	82	102541	9.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	49438	11.94	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	231009	11.93	ng	-0.02
79) Terphenyl-d14	12.90	244	207078	11.25	ng	-0.02

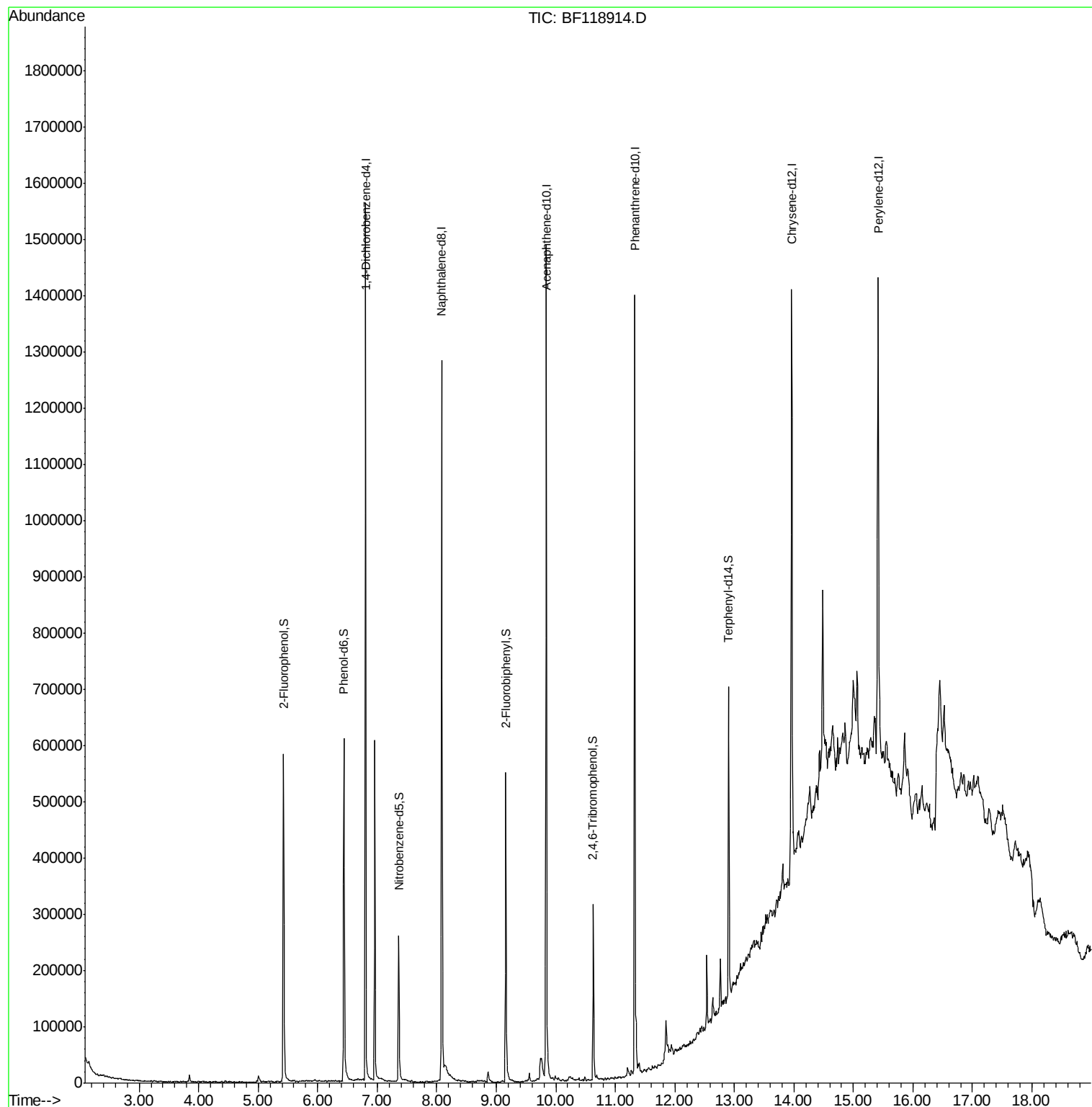
Target Compounds Qvalue

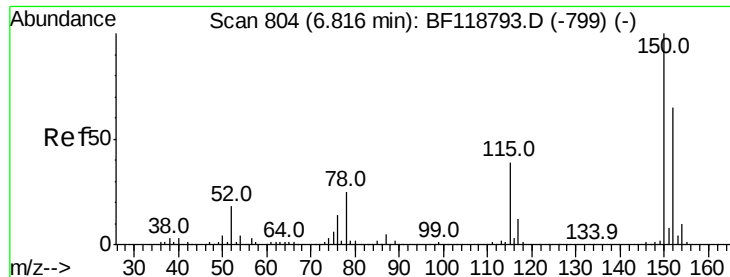
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



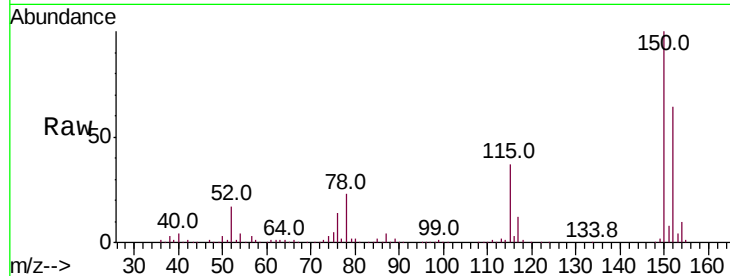


#1

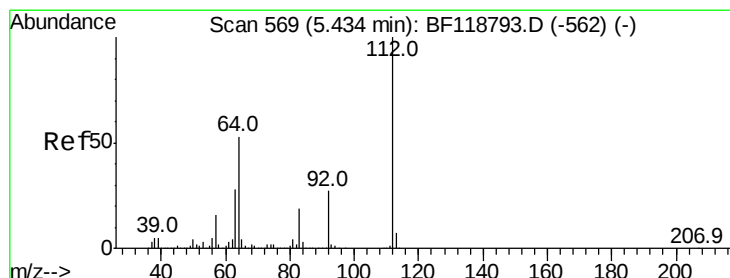
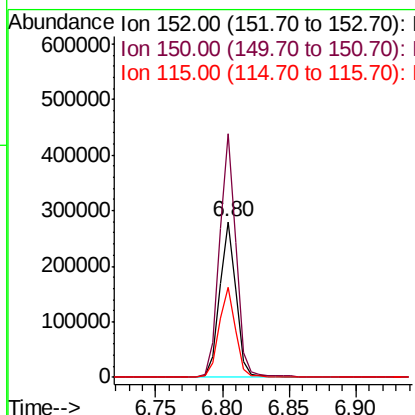
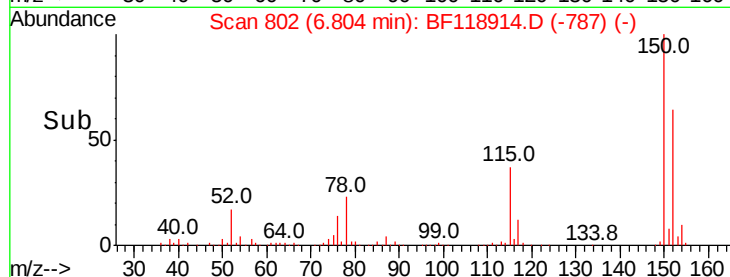
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

Instrument :
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ClientSampleId :
SECTION-C

Tot Ion:152 Resp: 246403
Ion Ratio Lower Upper
152 100
150 156.4 123.6 185.4
115 58.1 48.2 72.2



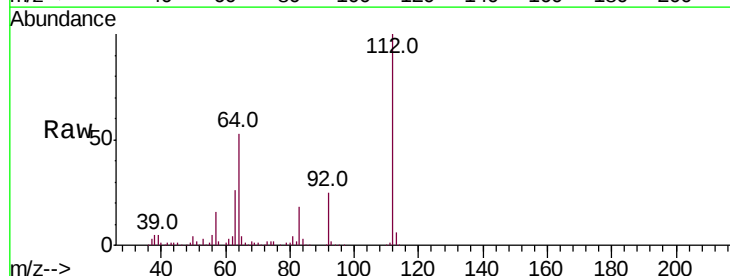
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



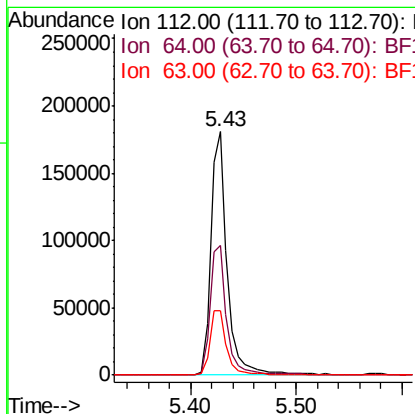
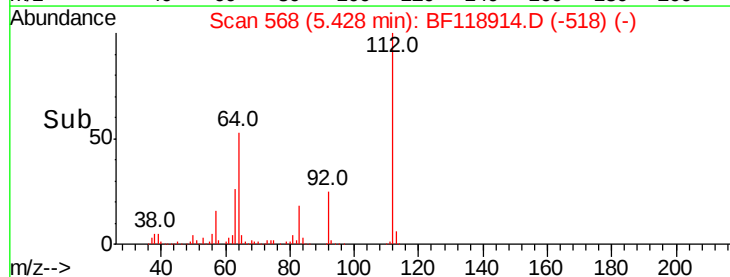
#5

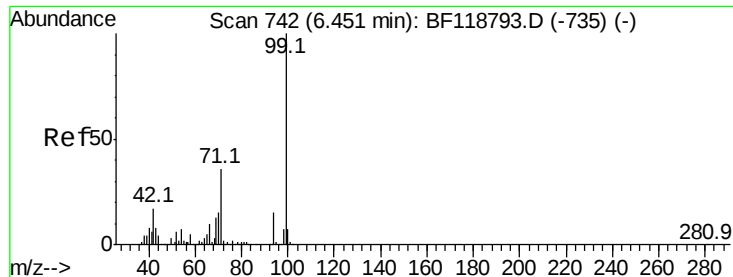
2-Fluorophenol
Concen: 15.010 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

Tgt Ion:112 Resp: 195385
Ion Ratio Lower Upper
112 100
64 53.4 42.6 63.8
63 26.3 22.2 33.4



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: 14.813 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

Instrument :

BNA_F

ClientSampleId :

SECTION-C

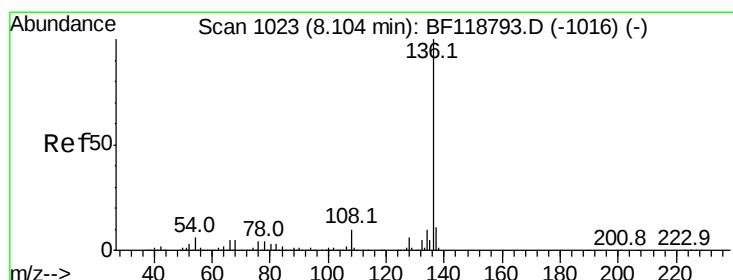
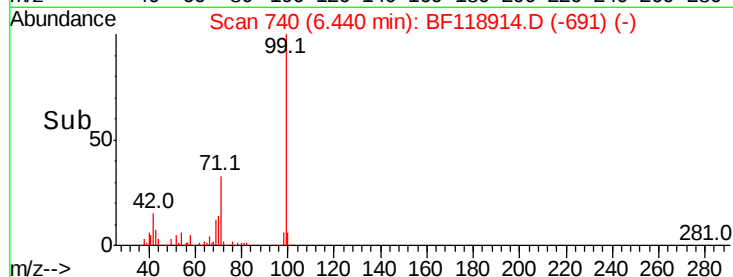
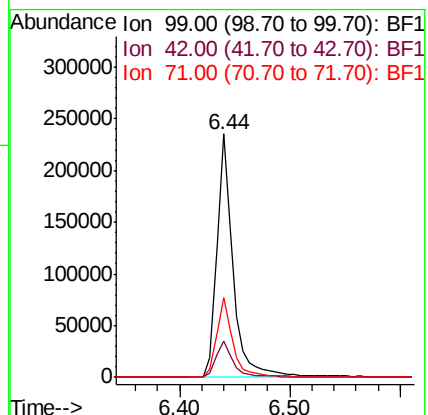
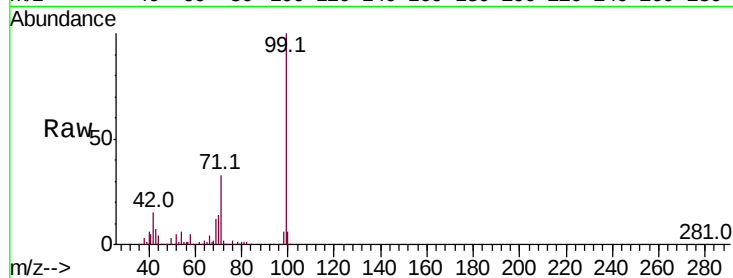
Tot Ion: 99 Resp: 239356

Ion Ratio Lower Upper

99 100

42 14.9 13.4 20.0

71 32.5 29.0 43.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

Tgt Ion: 136 Resp: 638507

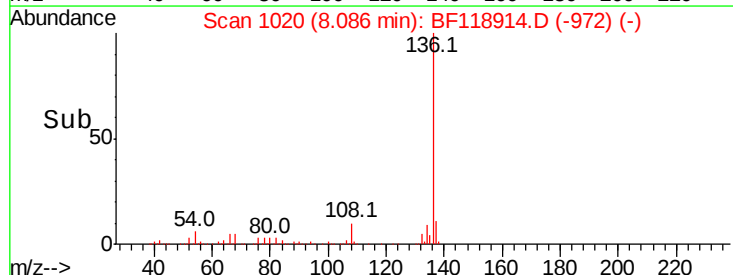
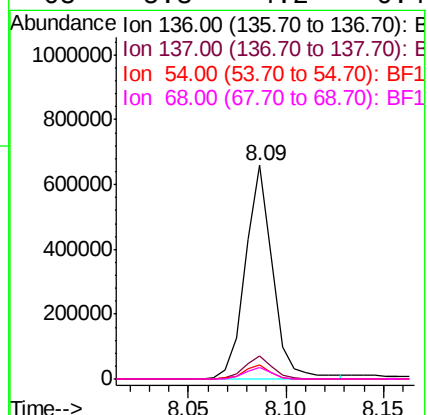
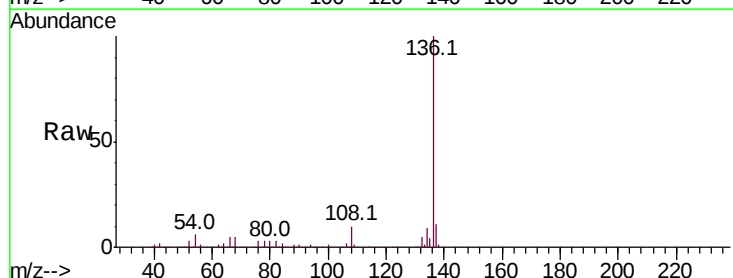
Ion Ratio Lower Upper

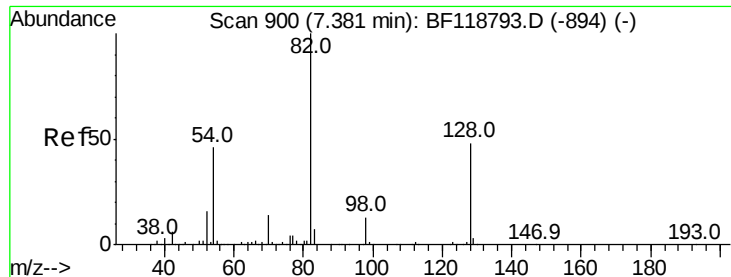
136 100

137 11.0 8.7 13.1

54 6.4 5.0 7.6

68 5.3 4.2 6.4

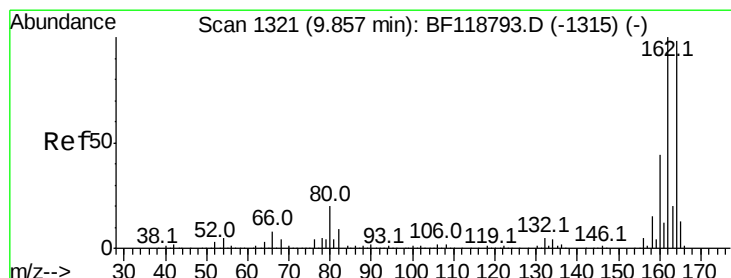
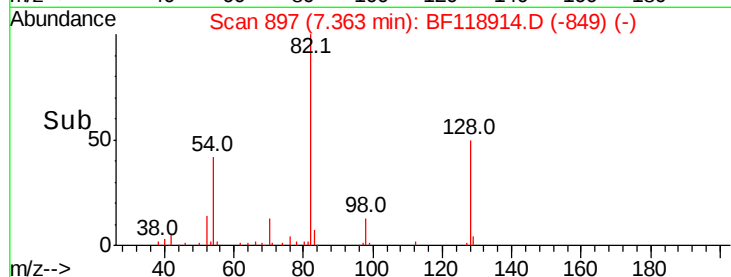
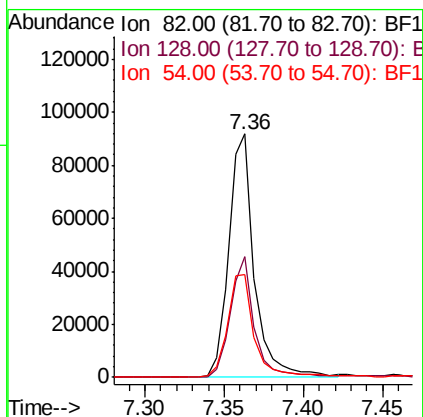
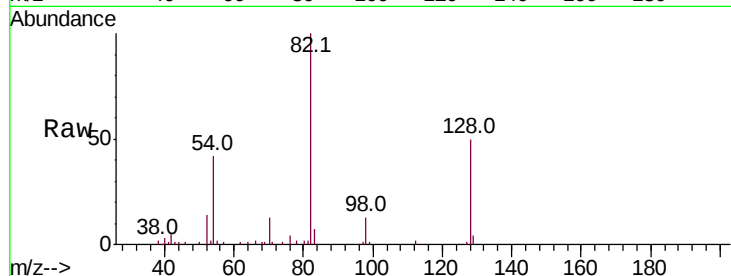




#23
Nitrobenzene-d5
Concen: 9.572 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

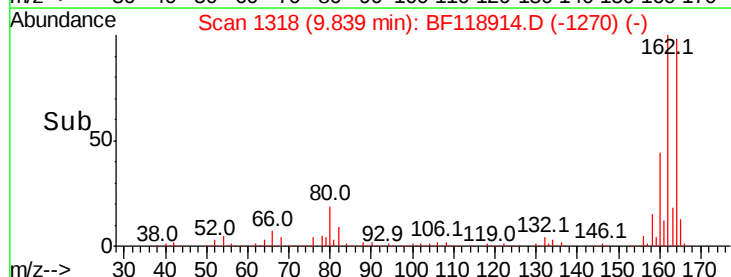
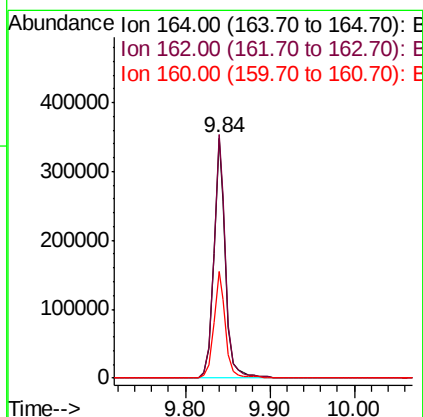
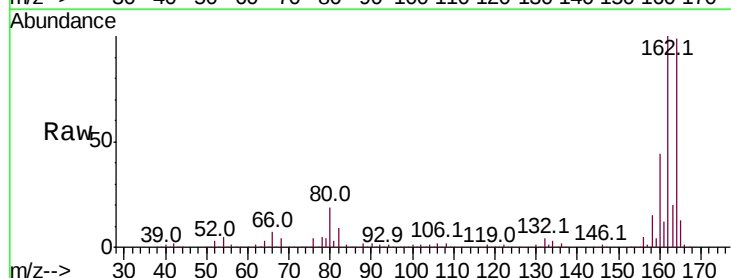
Instrument :
BNA_F
ClientSampleId :
SECTION-C

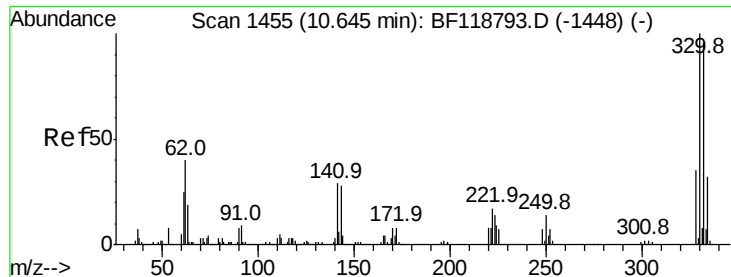
Tot Ion	82	Resp	102541
Ion Ratio	Lower	Upper	
82	100		
128	49.8	38.5	57.7
54	42.1	36.7	55.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

Tgt Ion	164	Resp	346186
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.4	122.2
160	44.2	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 11.935 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

Instrument :

BNA_F

ClientSampleId :

SECTION-C

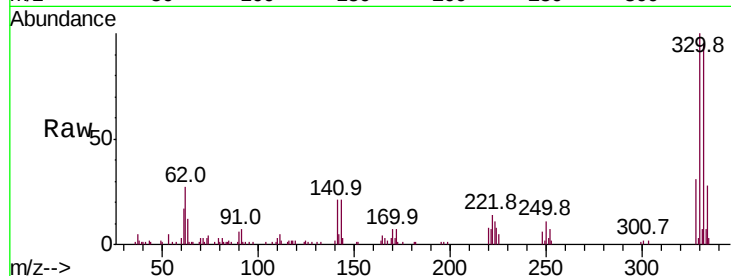
Tot Ion:330 Resp: 49438

Ion Ratio Lower Upper

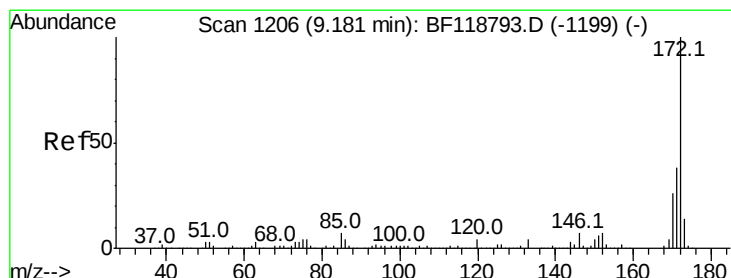
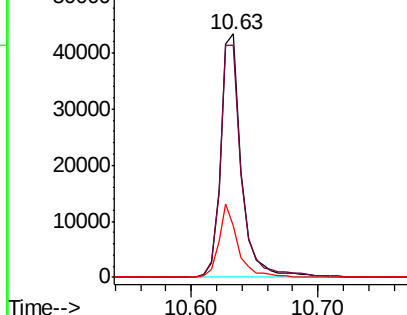
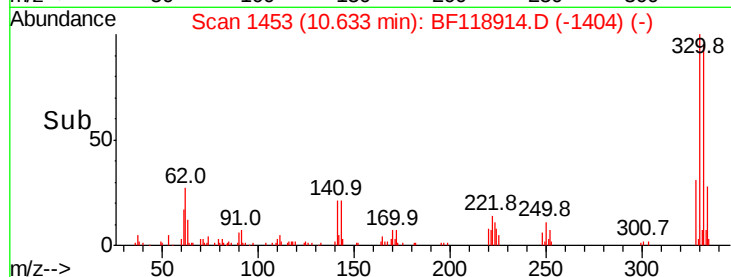
330 100

332 98.3 77.3 115.9

141 27.6 22.4 33.6



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: 11.929 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.02 min

Lab File: BF118914.D

Acq: 12 Feb 2020 14:30

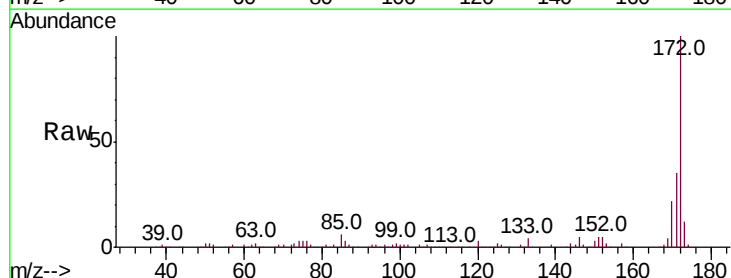
Tgt Ion:172 Resp: 231009

Ion Ratio Lower Upper

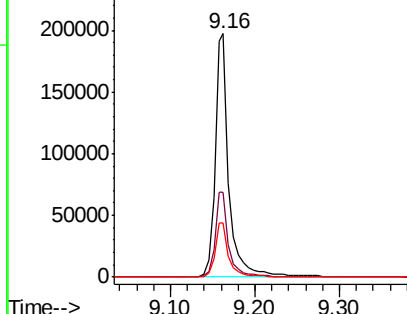
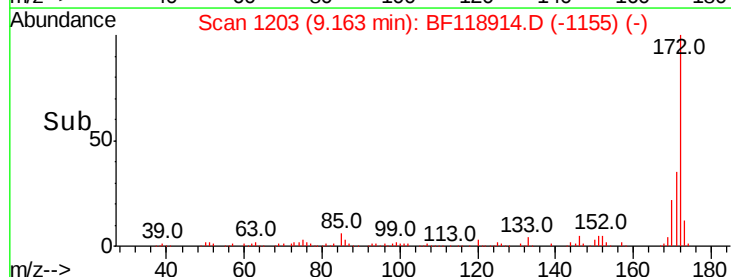
172 100

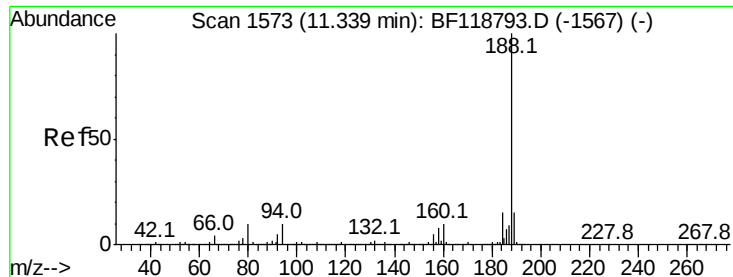
171 34.9 30.8 46.2

170 22.5 20.5 30.7



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

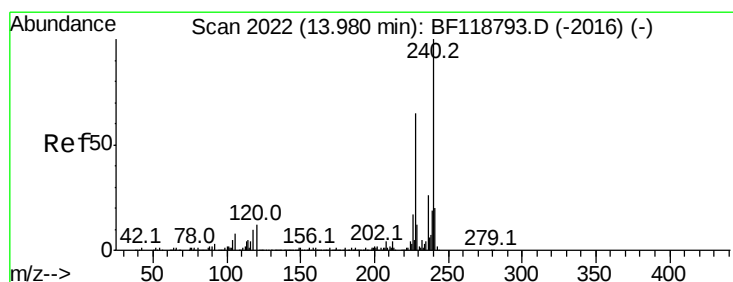
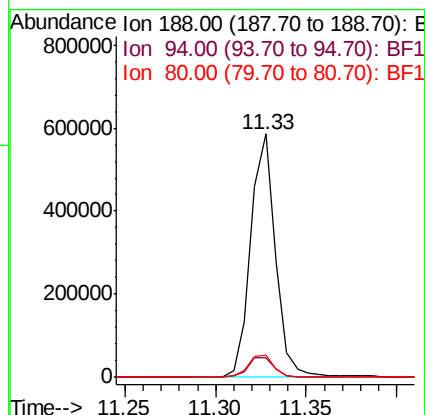
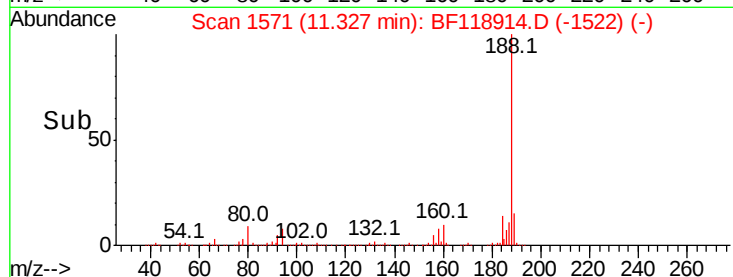
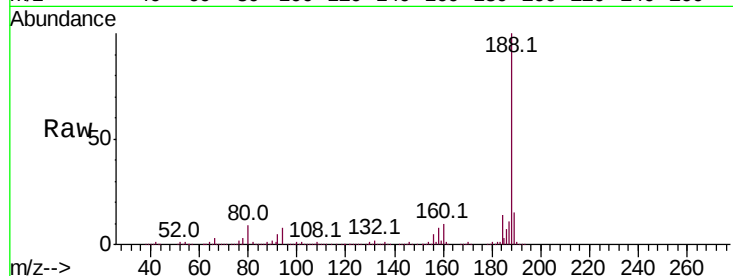




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

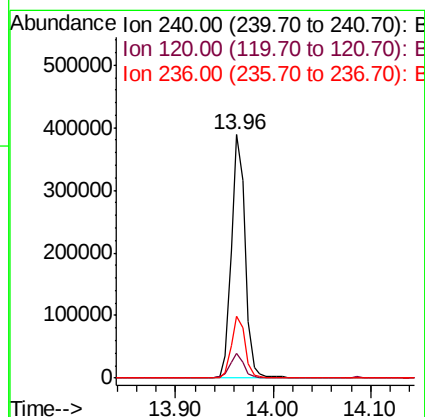
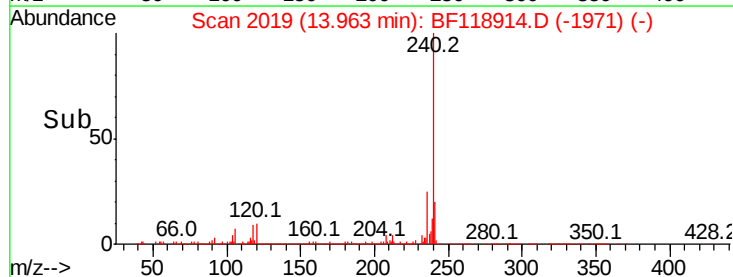
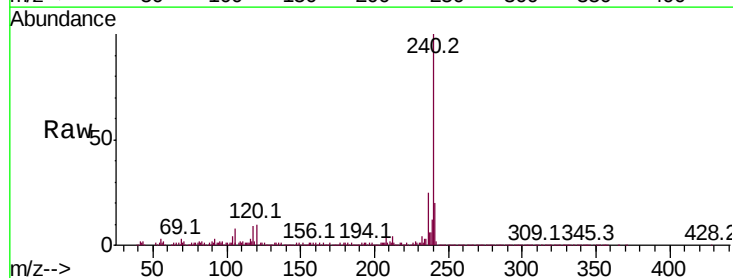
Instrument :
BNA_F
ClientSampleId :
SECTION-C

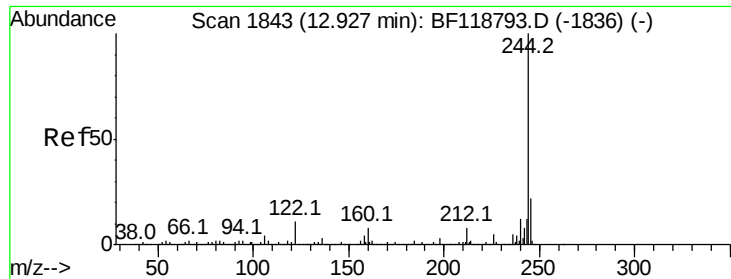
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.9	11.9
80	9.2	8.4	12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118914.D
Acq: 12 Feb 2020 14:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.4	14.0
236	25.2	21.0	31.6

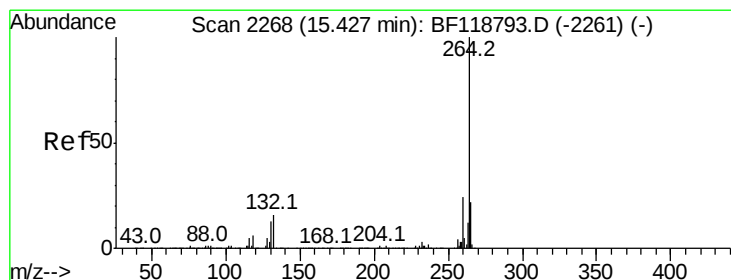
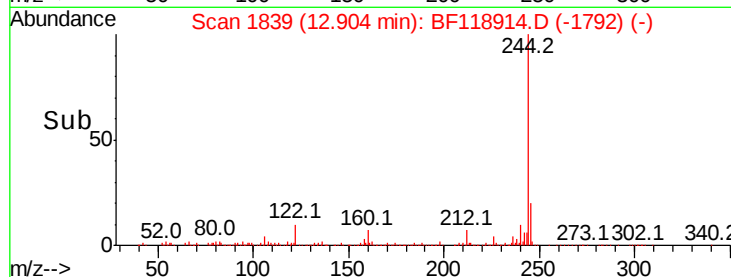
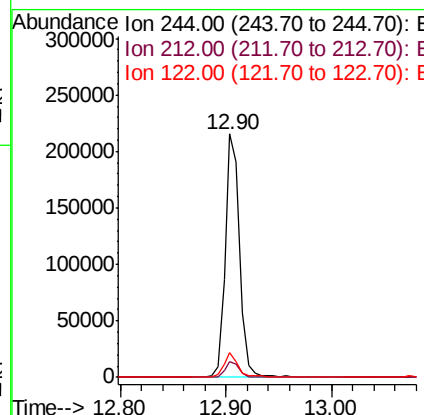
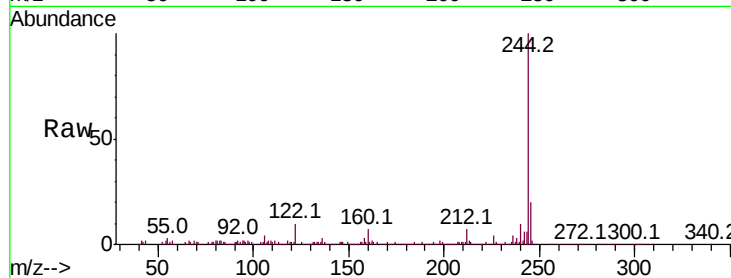




#79
 Terphenyl-d14
 Concen: 11.253 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BF118914.D
 Acq: 12 Feb 2020 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	10.1	8.9	13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF118914.D
 Acq: 12 Feb 2020 14:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.5	17.2	25.8

