

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118927.D
 Acq On : 13 Feb 2020 18:54
 Operator : CG/JU
 Sample : L1493-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-SECTION-F

Quant Time: Feb 14 02:21:04 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	6.79	152	208758	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	800140	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	434636	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	856338	20.00	ng	-0.03
76) Chrysene-d12	13.94	240	849736	20.00	ng	-0.04
87) Perylene-d12	15.39	264	636764	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1462737	132.63	ng	-0.01
7) Phenol-d6	6.43	99	1576619	115.17	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1282832	95.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	716421	137.76	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2446754	100.64	ng	-0.03
79) Terphenyl-d14	12.90	244	3361817	81.26	ng	-0.03

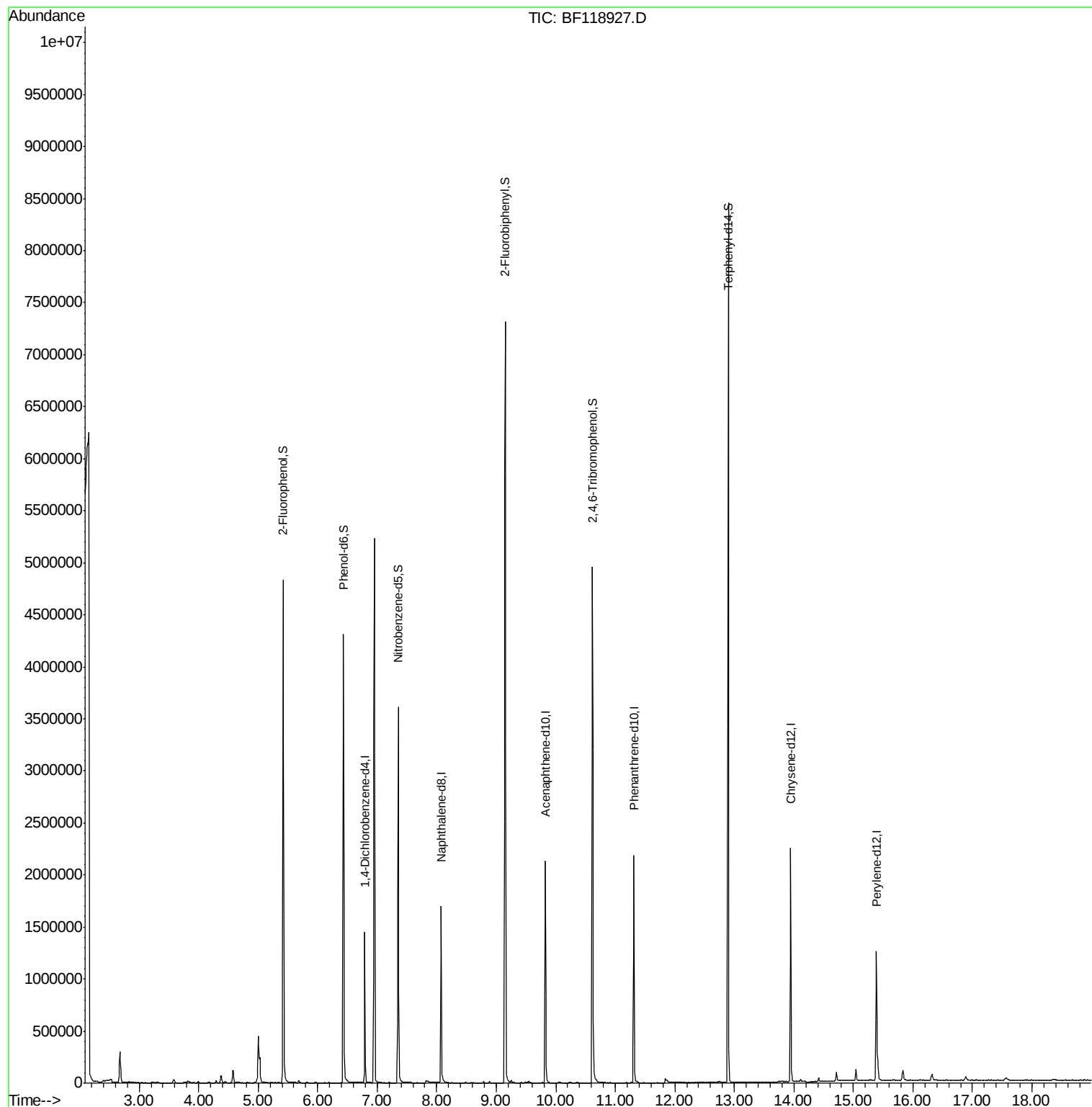
Target Compounds Qvalue

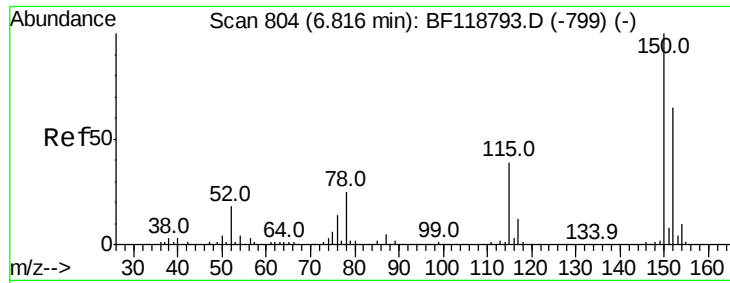
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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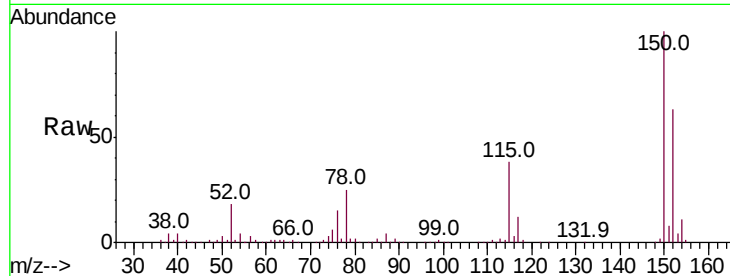


#1

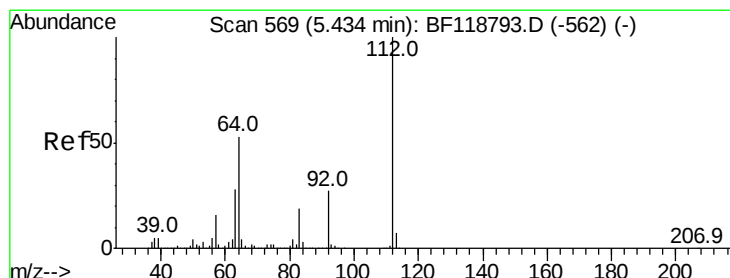
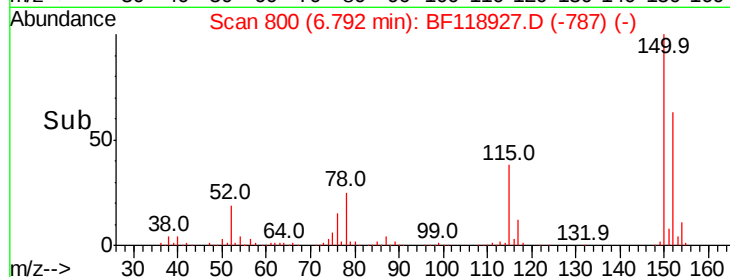
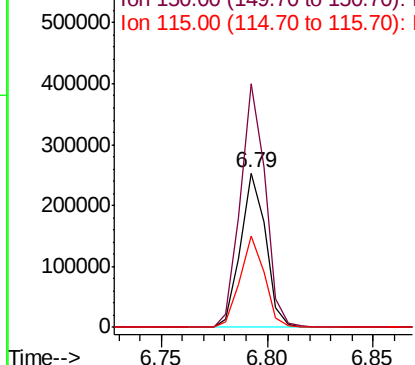
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

Instrument :
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 ClientSampleId :
 1S-SECTION-F

Tot Ion:152 Resp: 208758
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.6 185.4
 115 59.3 48.2 72.2



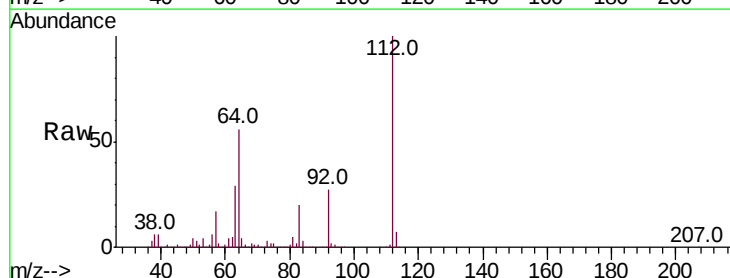
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



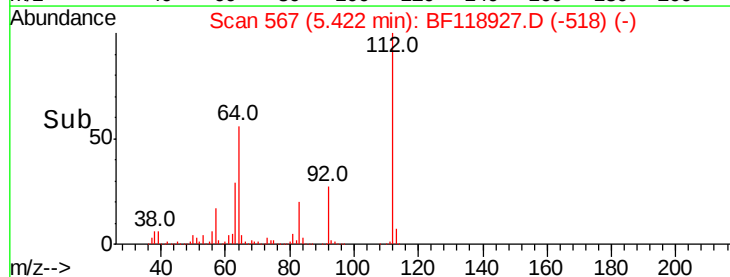
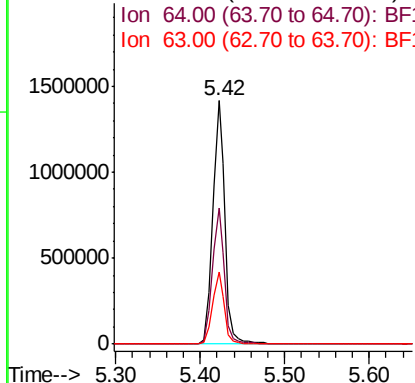
#5

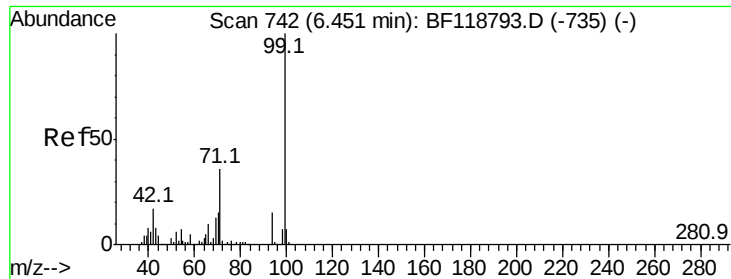
2-Fluorophenol
 Concen: 132.635 ng
 RT: 5.42 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

Tgt Ion:112 Resp: 1462737
 Ion Ratio Lower Upper
 112 100
 64 56.0 42.6 63.8
 63 29.5 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: 115.165 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

Instrument :

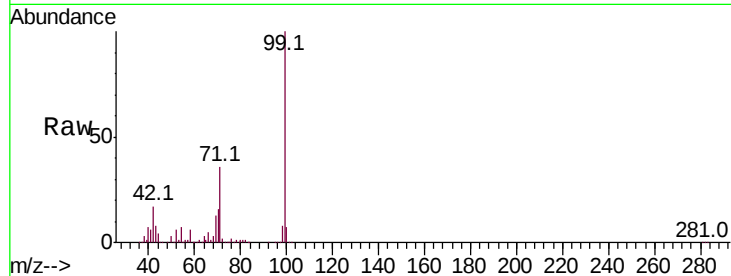
BNA_F

ClientSampleId :

1S-SECTION-F

Tot Ion: 99 Resp: 1576619

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.0
71	36.0	29.0	43.6

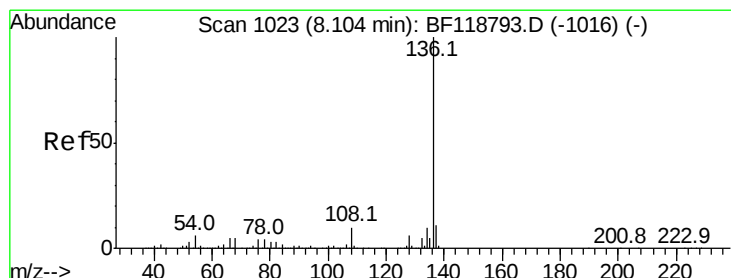
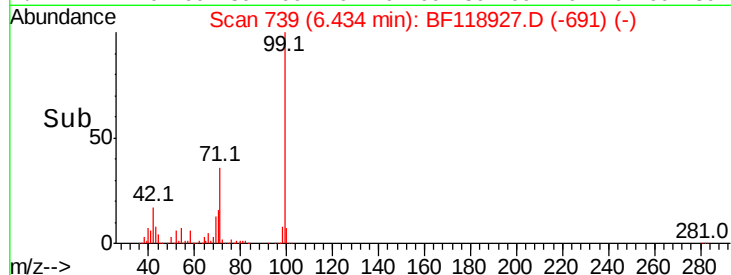


Abundance

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: 8.07 min Scan# 1018

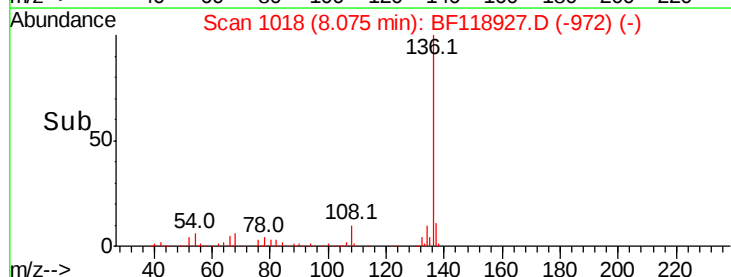
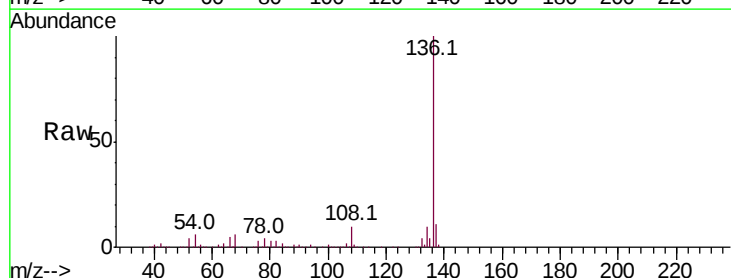
Delta R.T. -0.03 min

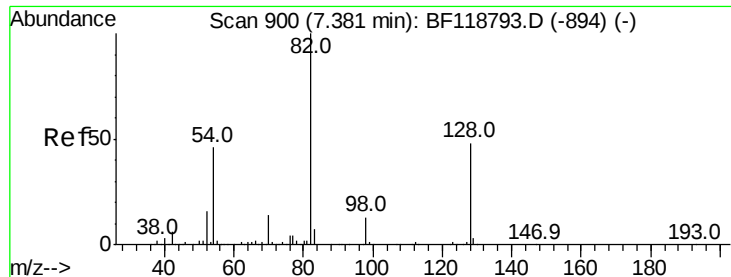
Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

Tgt Ion: 136 Resp: 800140

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.5	5.0	7.6
68	5.7	4.2	6.4

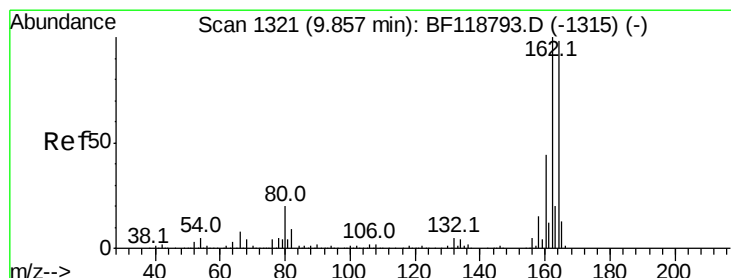
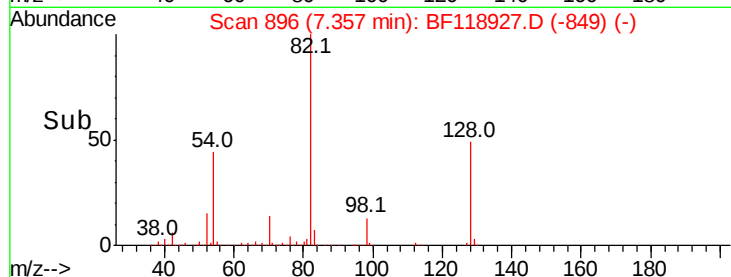
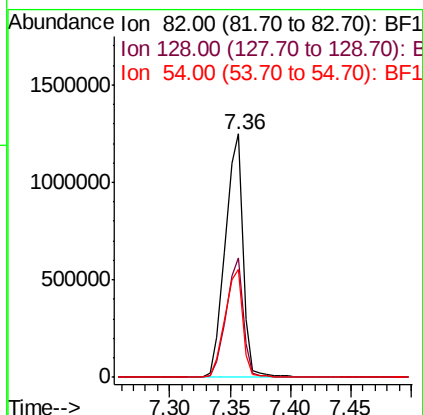
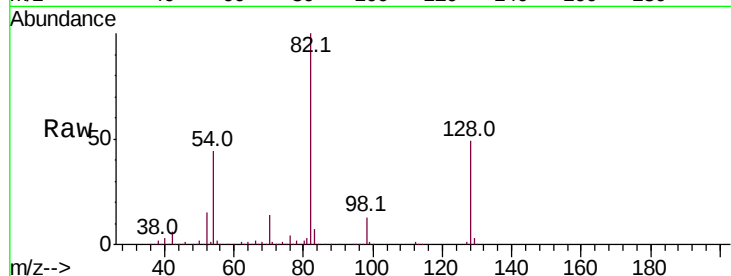




#23
Nitrobenzene-d5
Concen: 95.562 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

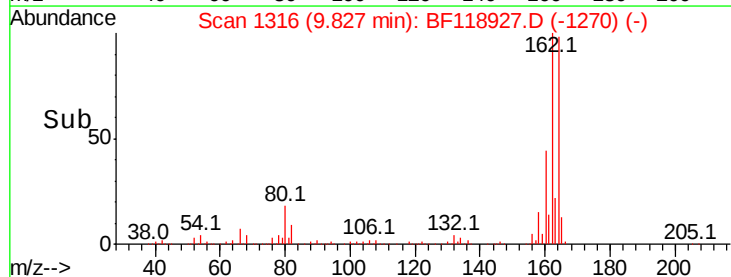
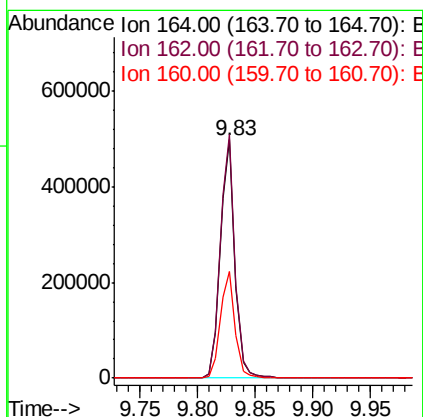
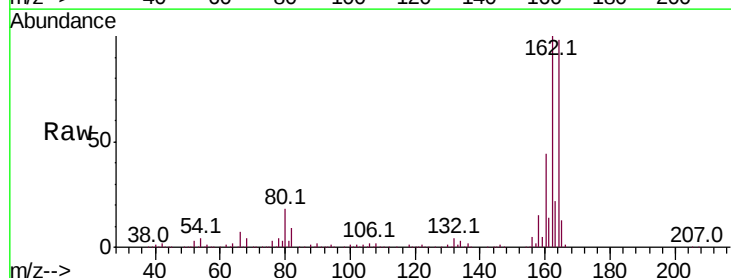
Instrument :
BNA_F
ClientSampleId :
1S-SECTION-F

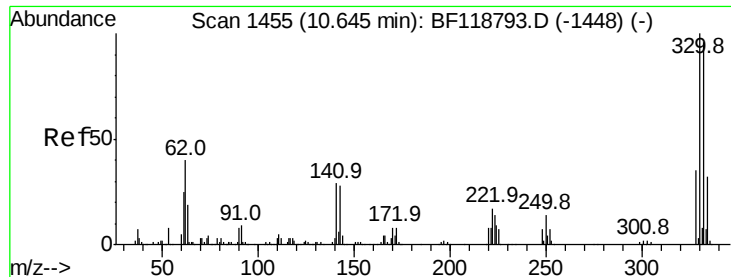
Tot Ion: 82 Resp: 1282832
Ion Ratio Lower Upper
82 100
128 49.2 38.5 57.7
54 44.5 36.7 55.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

Tgt Ion:164 Resp: 434636
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.2
160 44.7 35.6 53.4

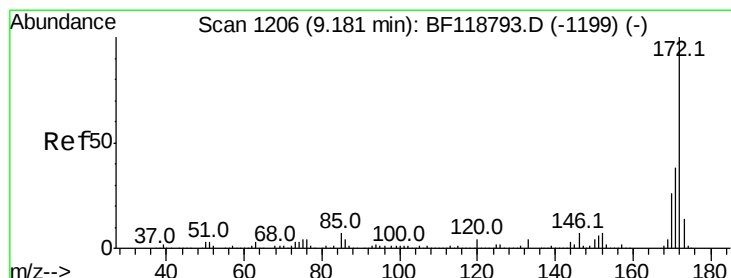
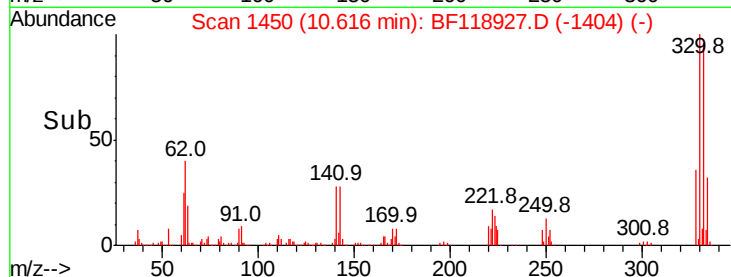
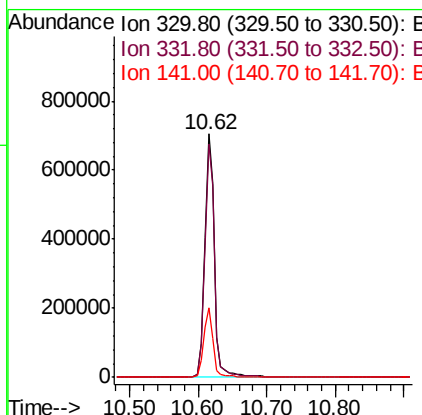
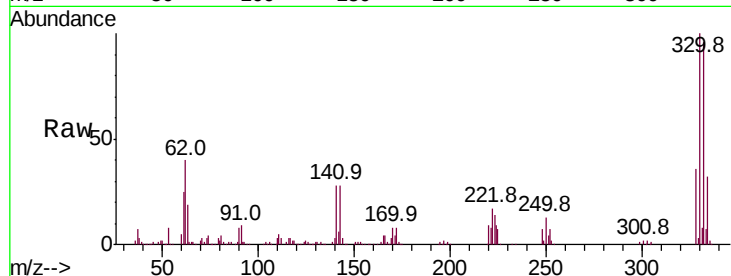




#42
 2,4,6-Tribromophenol
 Concen: 137.759 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

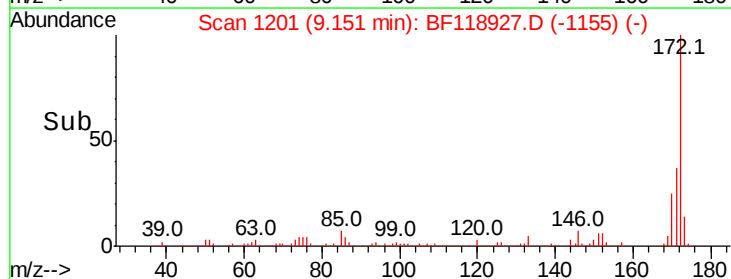
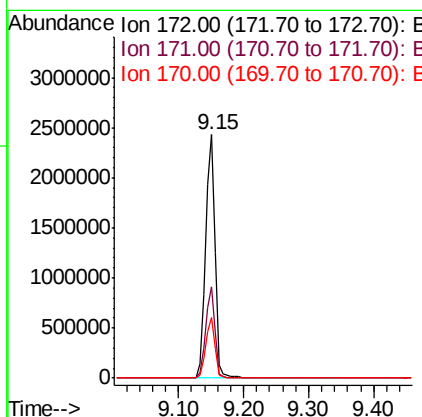
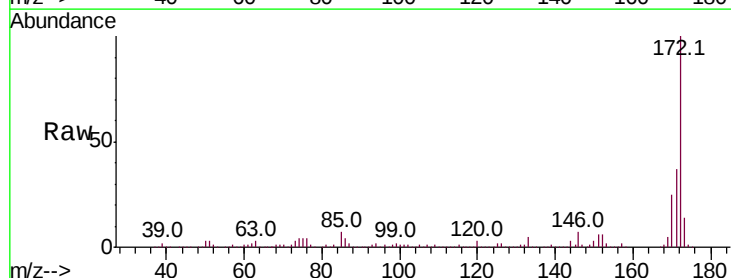
Instrument :
 BNA_F
 ClientSampleId :
 1S-SECTION-F

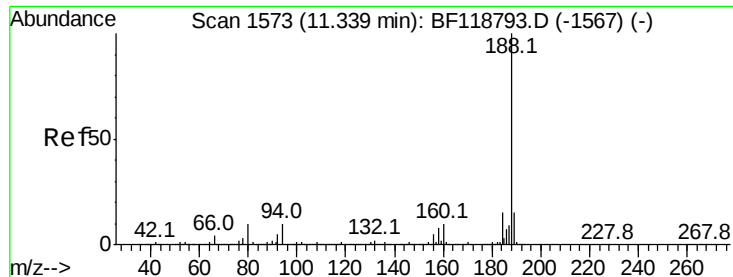
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	27.9	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 100.637 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118927.D
 Acq: 13 Feb 2020 18:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.8	46.2
170	25.1	20.5	30.7

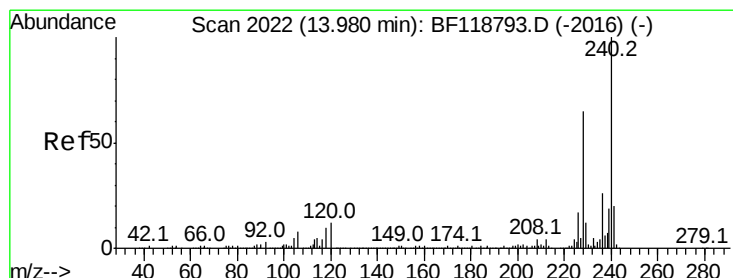
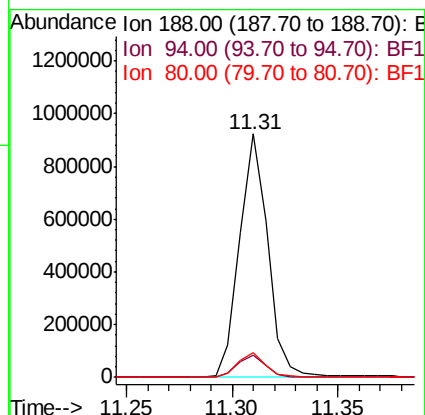
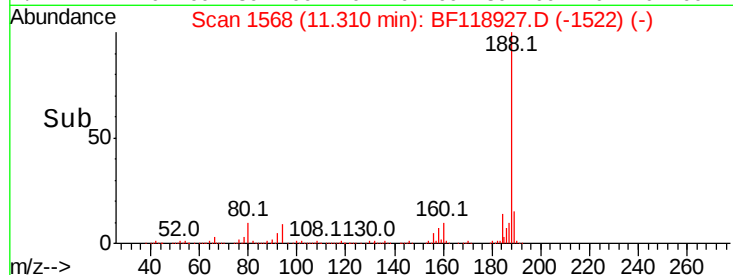
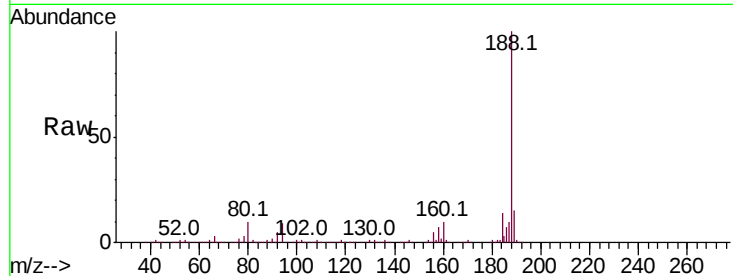




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

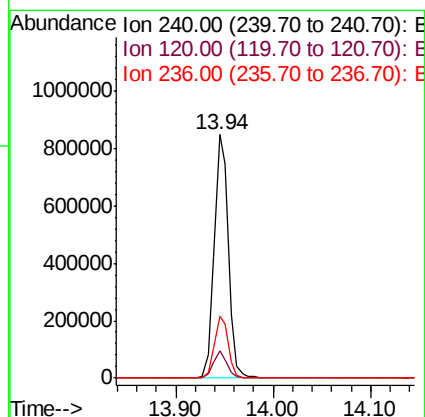
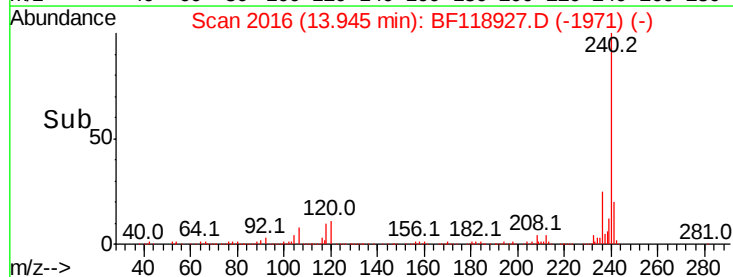
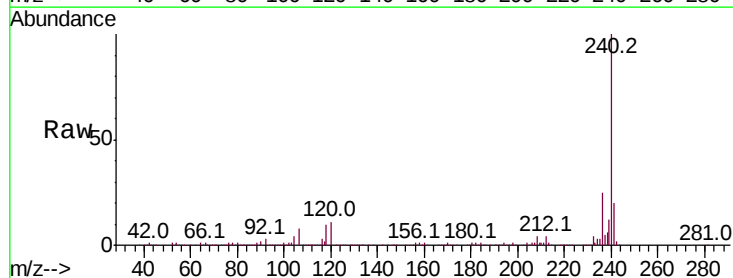
Instrument :
BNA_F
ClientSampleId :
1S-SECTION-F

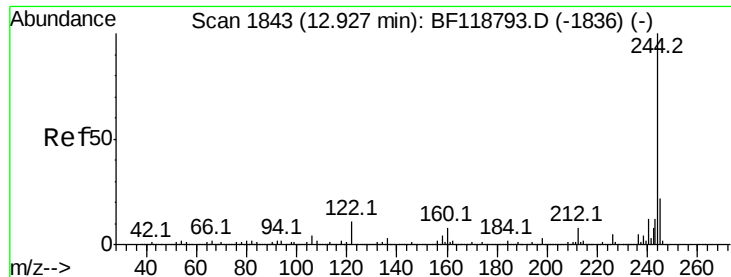
Tot Ion:188 Resp: 856338
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.0 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BF118927.D
Acq: 13 Feb 2020 18:54

Tgt Ion:240 Resp: 849736
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.0
236 25.4 21.0 31.6





#79

Terphenyl-d14

Concen: 81.264 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

Instrument :

BNA_F

ClientSampleId :

1S-SECTION-F

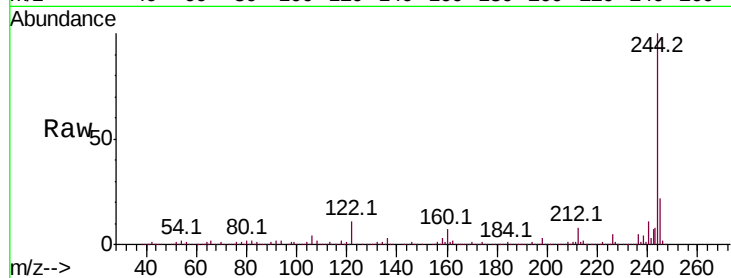
Tot Ion:244 Resp: 3361817

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

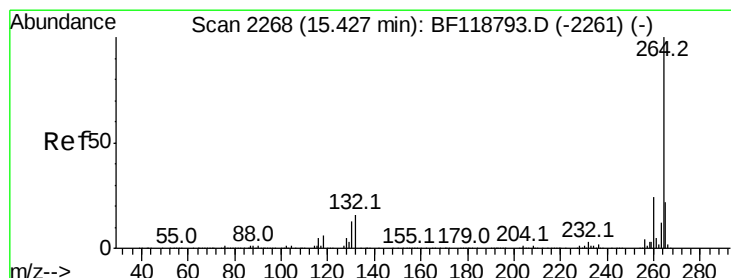
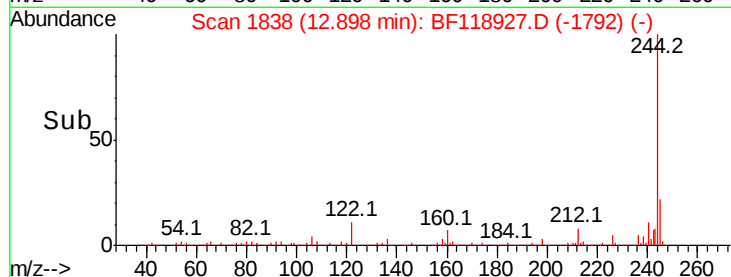
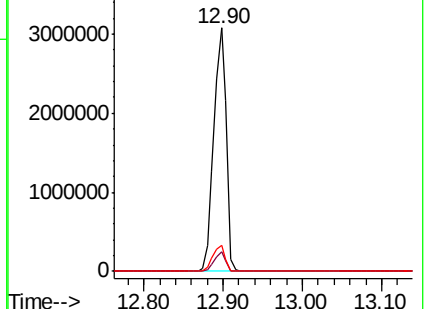
122 10.6 8.9 13.3



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: 15.39 min Scan# 2261

Delta R.T. -0.04 min

Lab File: BF118927.D

Acq: 13 Feb 2020 18:54

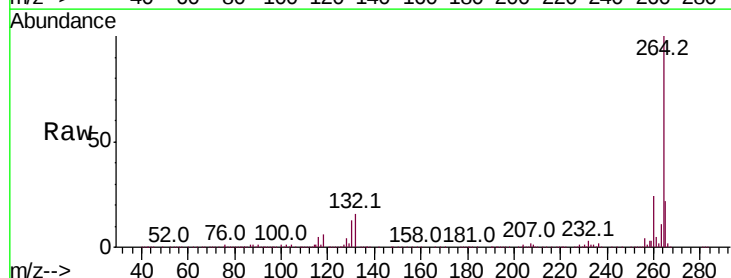
Tgt Ion:264 Resp: 636764

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.6 17.2 25.8



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

