

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120168.D
 Acq On : 23 Apr 2020 17:24
 Operator : MA/SJ
 Sample : L2330-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2020-04-16

Quant Time: Apr 23 18:03:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	135423	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	532744	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	291564	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	572970	20.00	ng	0.00
76) Chrysene-d12	13.82	240	443898	20.00	ng	0.00
87) Perylene-d12	15.22	264	386327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	675624	86.22	ng	0.00
7) Phenol-d6	6.30	99	580709	57.51	ng	-0.01
23) Nitrobenzene-d5	7.23	82	940184	91.30	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	461426	129.26	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1846049	89.89	ng	0.00
79) Terphenyl-d14	12.78	244	2341359	88.75	ng	0.00

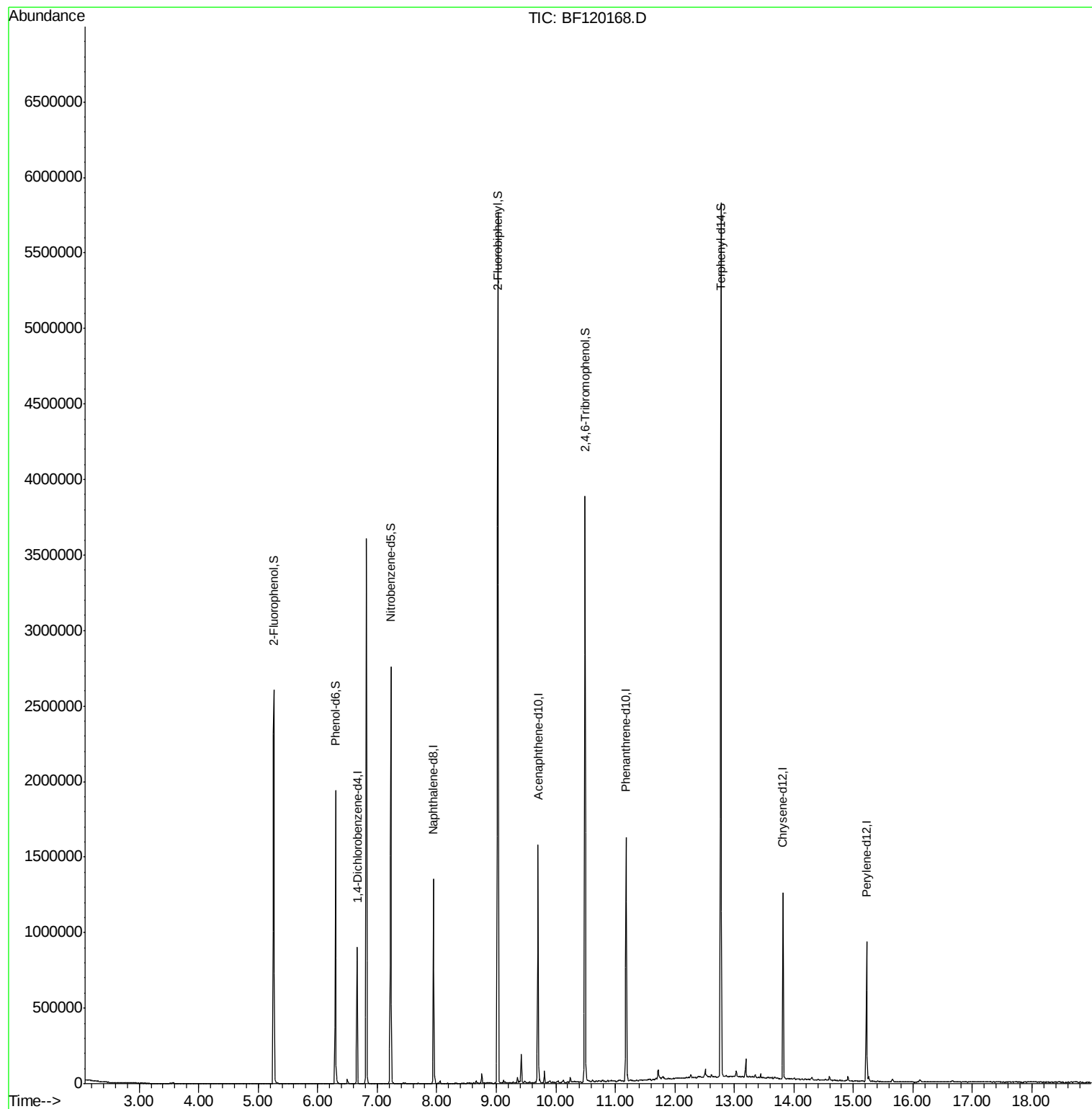
Target Compounds Qvalue

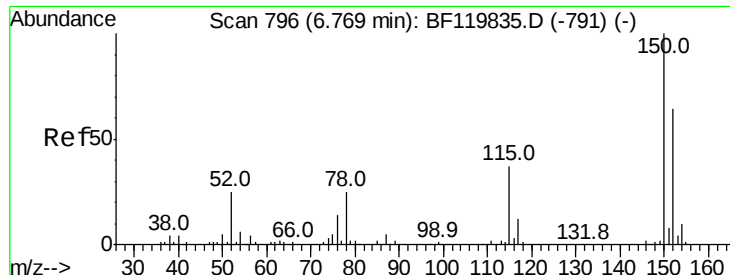
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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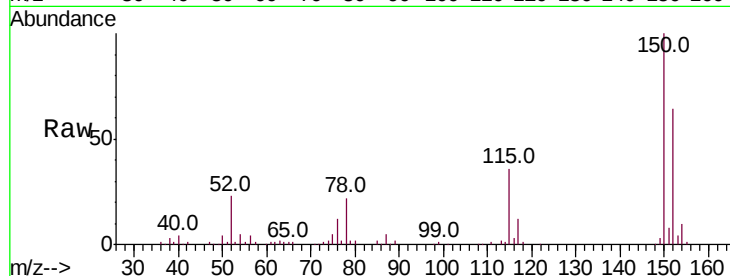


#1

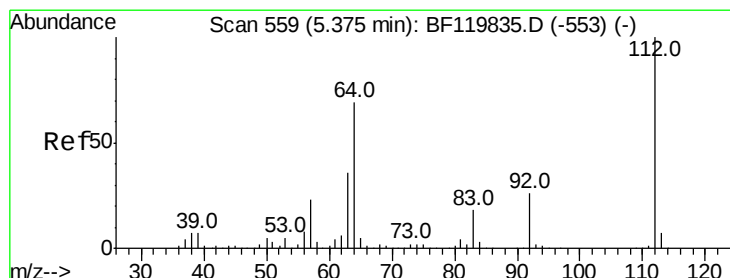
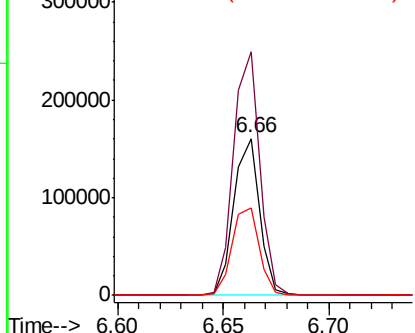
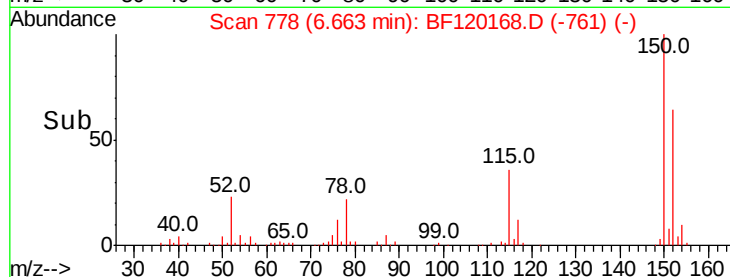
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2020-04-16

Tot Ion:152 Resp: 135423
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.5 186.7
 115 55.9 49.6 74.4



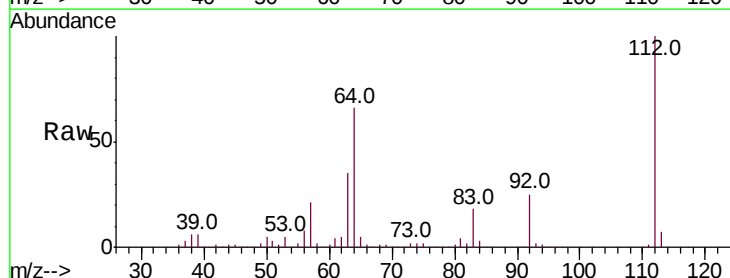
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



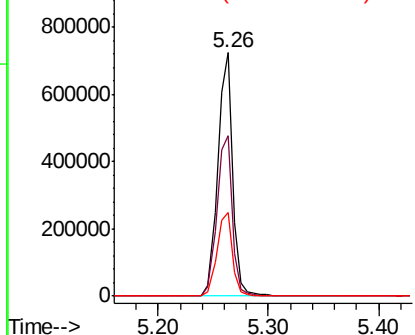
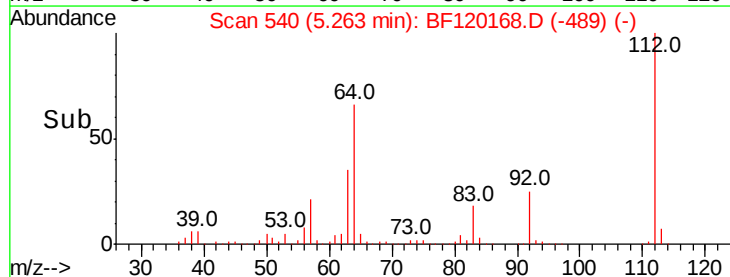
#5

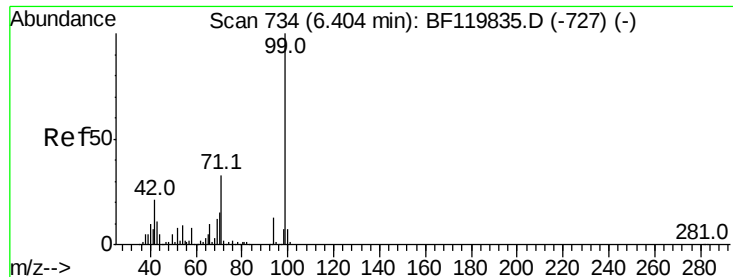
2-Fluorophenol
 Concen: 86.219 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Tgt Ion:112 Resp: 675624
 Ion Ratio Lower Upper
 112 100
 64 65.7 56.7 85.1
 63 34.6 29.5 44.3



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: 57.512 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Instrument :

BNA_F

ClientSampleId :

DUP-2020-04-16

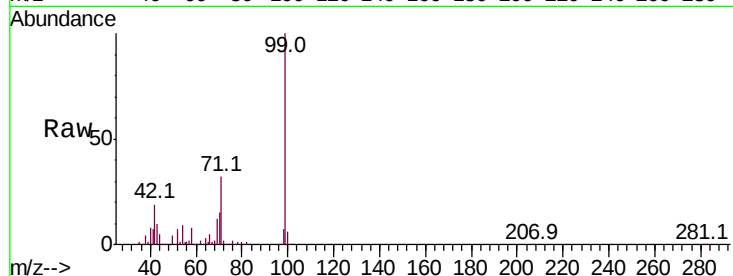
Tot Ion: 99 Resp: 580709

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.0 26.4 39.6



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

800000

600000

400000

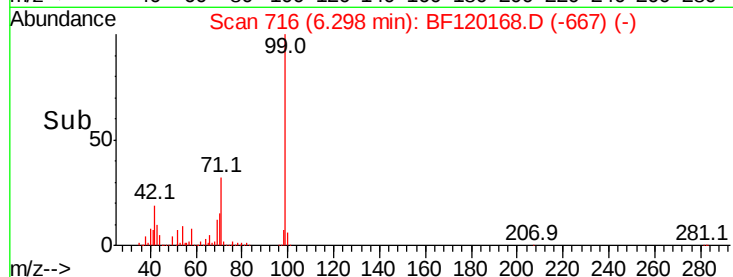
200000

0

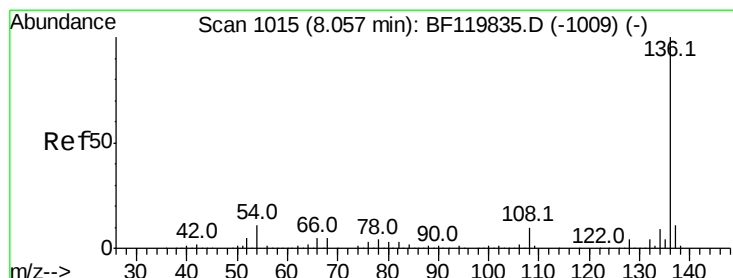
6.30

6.20

6.40



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Tgt Ion: 136 Resp: 532744

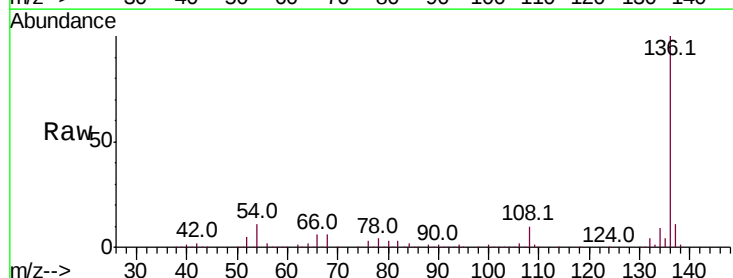
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.6 9.1 13.7

68 5.6 4.6 6.8



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

1000000

800000

600000

400000

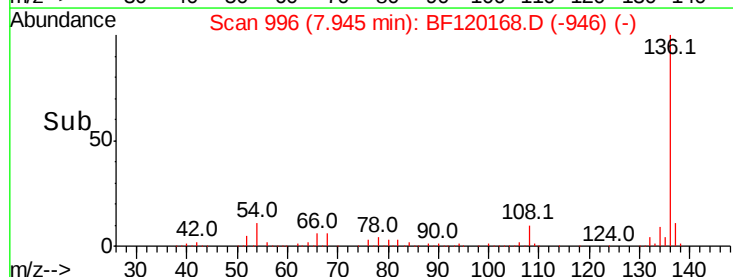
200000

0

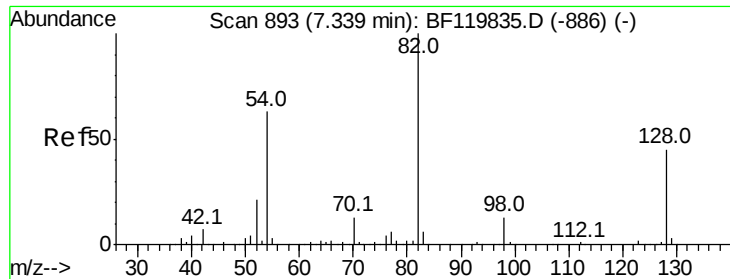
7.95

7.90

8.00



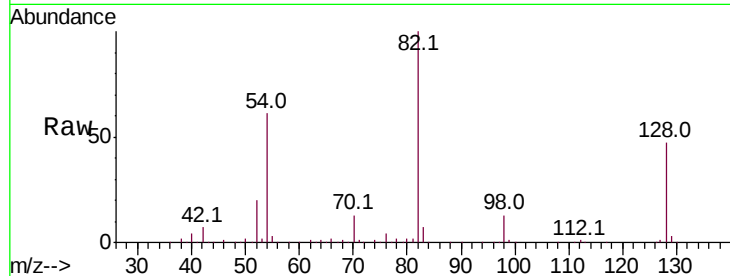
Time-->



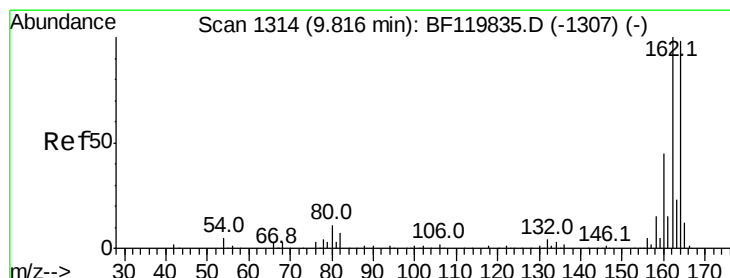
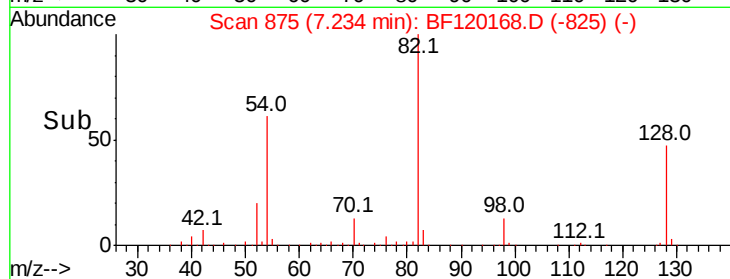
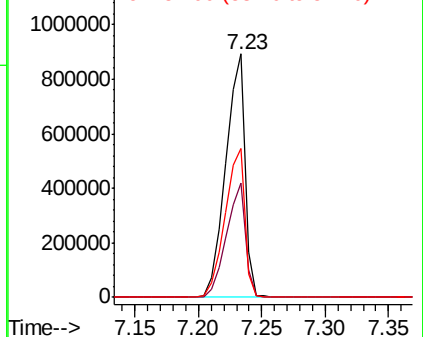
#23
Nitrobenzene-d5
Concen: 91.299 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120168.D
Acq: 23 Apr 2020 17:24

Instrument :
BNA_F
ClientSampleId :
DUP-2020-04-16

Tot Ion: 82 Resp: 940184
Ion Ratio Lower Upper
82 100
128 47.1 36.3 54.5
54 60.9 50.6 75.8

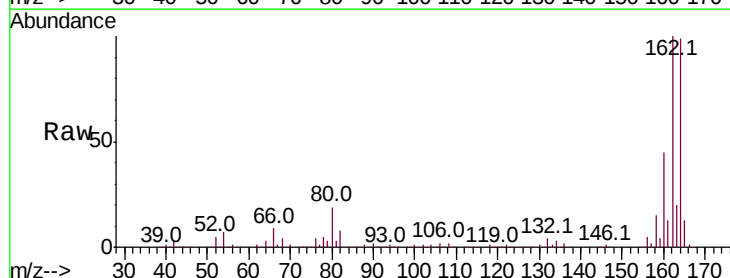


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

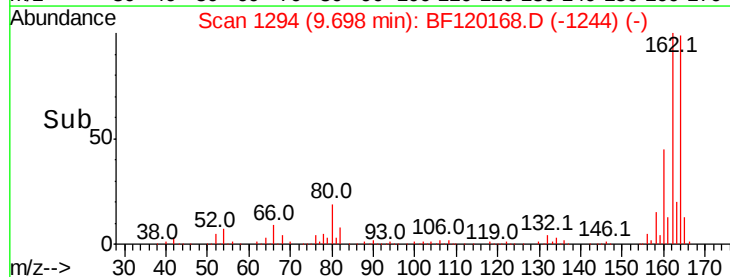
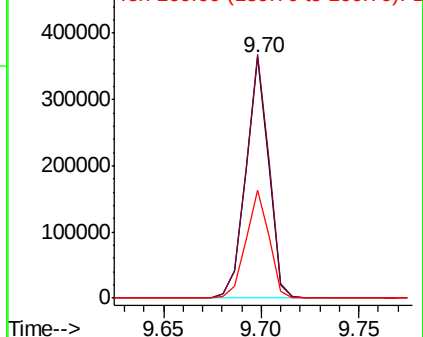


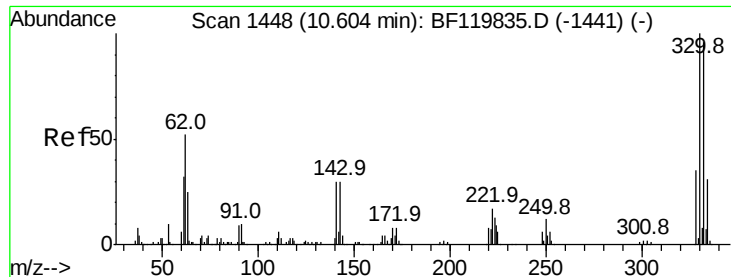
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120168.D
Acq: 23 Apr 2020 17:24

Tgt Ion:164 Resp: 291564
Ion Ratio Lower Upper
164 100
162 101.2 80.6 121.0
160 45.1 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

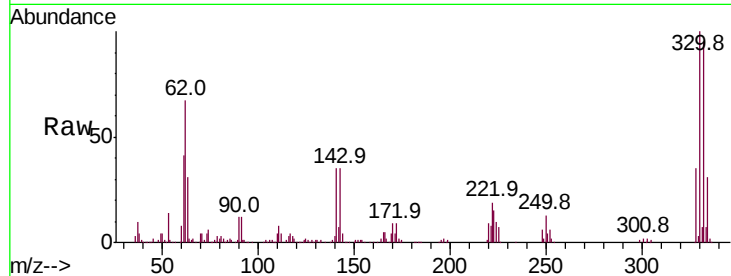




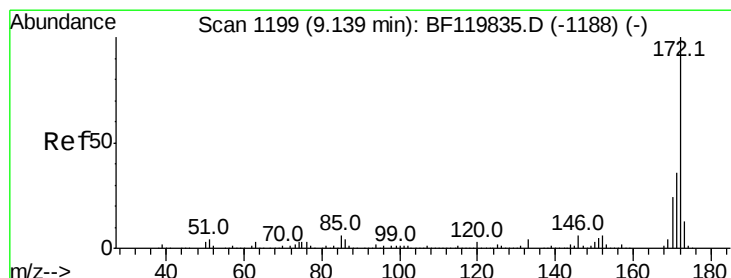
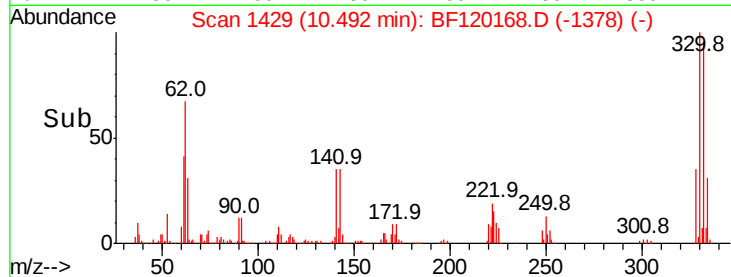
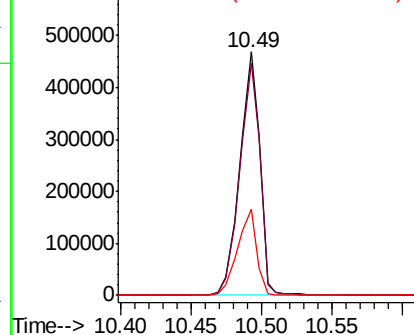
#42
 2,4,6-Tribromophenol
 Concen: 129.261 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2020-04-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	34.0	25.4	38.0

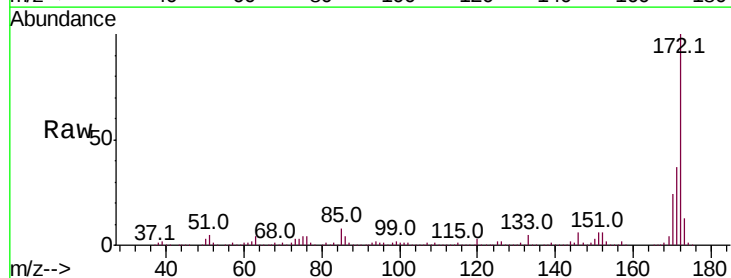


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

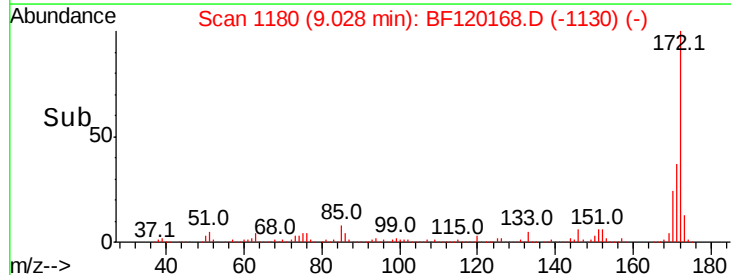
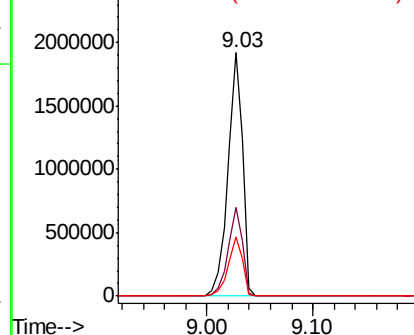


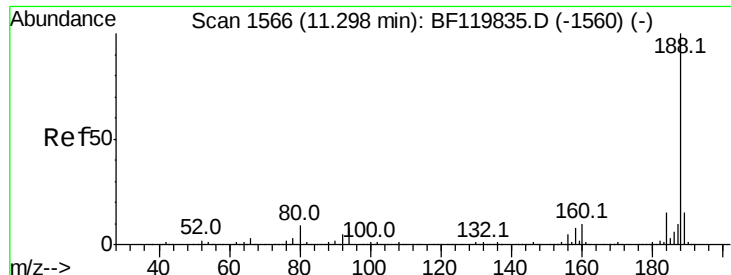
#45
 2-Fluorobiphenyl
 Concen: 89.894 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.4	20.2	30.2



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

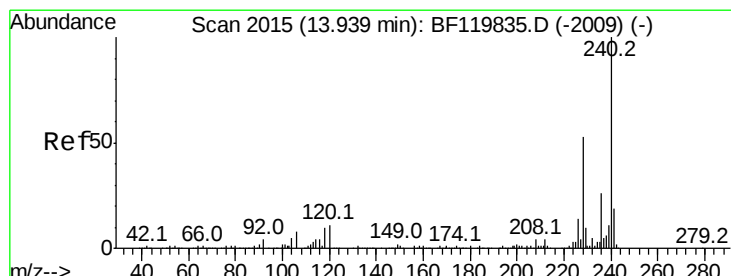
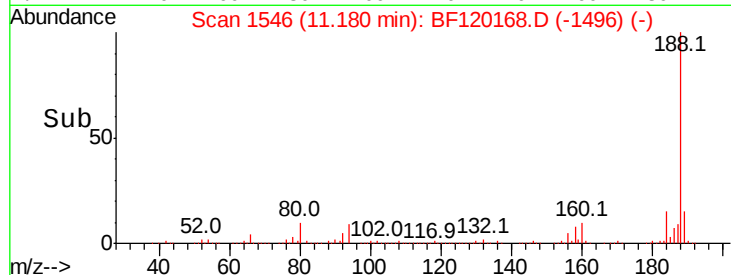
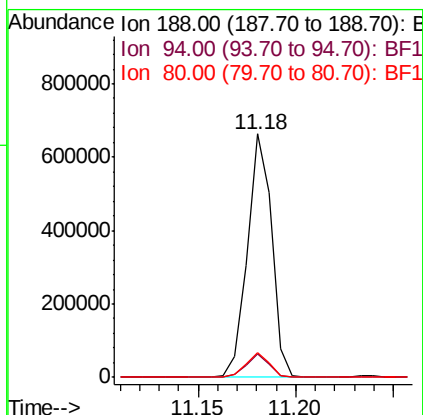
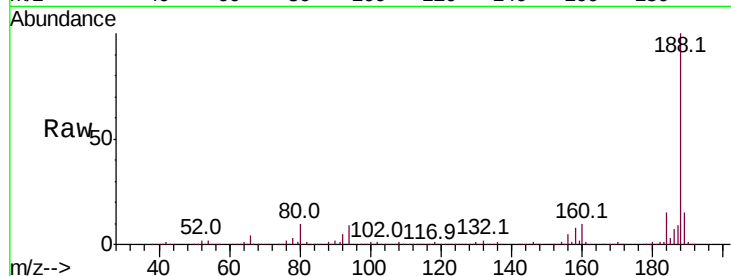




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120168.D
Acq: 23 Apr 2020 17:24

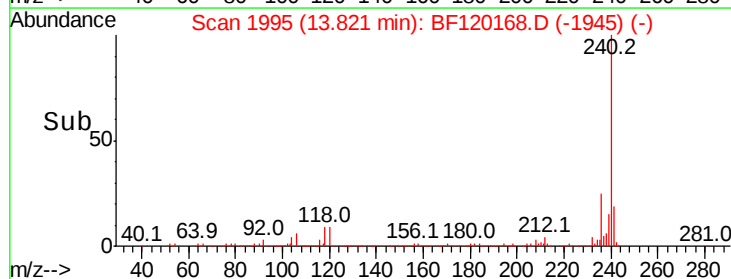
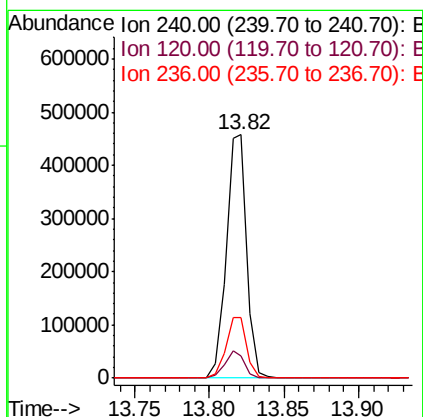
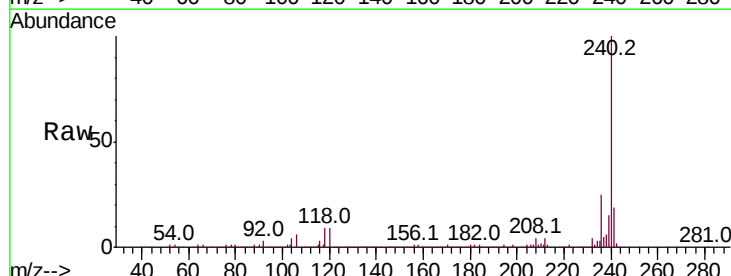
Instrument :
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DUP-2020-04-16

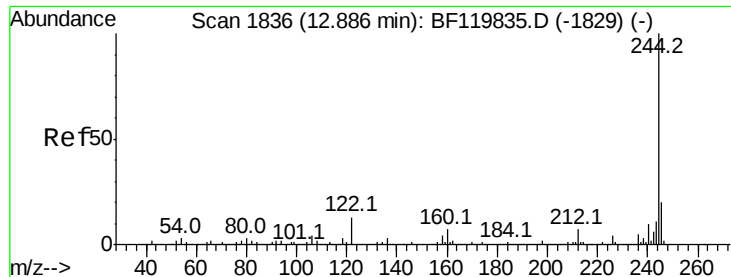
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.3	9.0	13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF120168.D
Acq: 23 Apr 2020 17:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	10.6	15.8#
236	25.1	20.2	30.2





#79

Terphenyl-d14

Concen: 88.752 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Instrument :

BNA_F

ClientSampleId :

DUP-2020-04-16

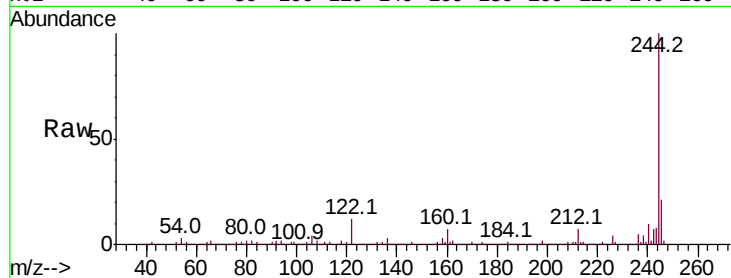
Tot Ion:244 Resp: 2341359

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

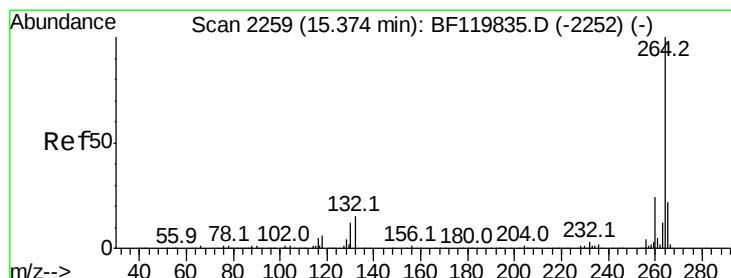
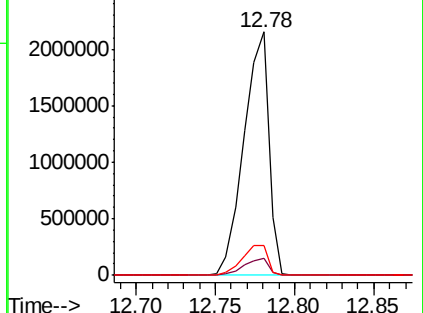
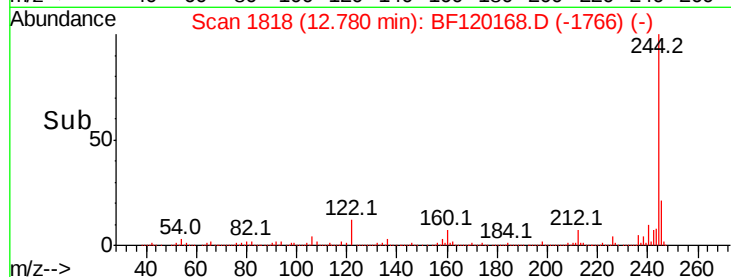
122 12.4 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

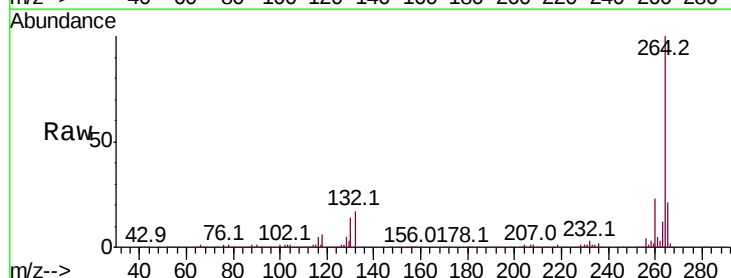
Tgt Ion:264 Resp: 386327

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.5 17.7 26.5



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

