

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
 Data File : BF119098.D
 Acq On : 26 Feb 2020 16:53
 Operator : CG/JU
 Sample : L1682-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Feb 26 17:45:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

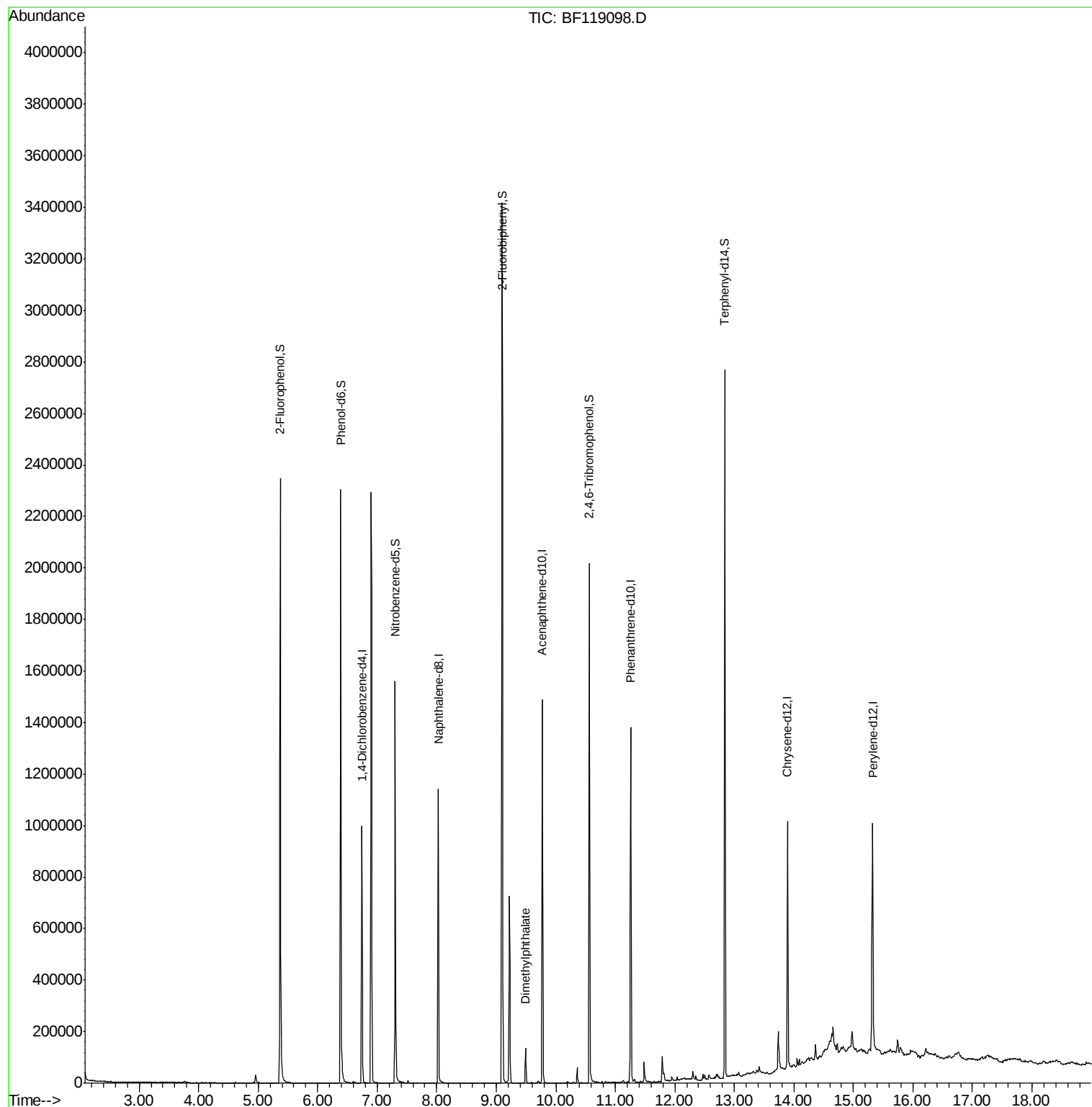
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	154914	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	586348	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	303026	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	502200	20.00	ng	0.00
76) Chrysene-d12	13.89	240	335734	20.00	ng	-0.01
87) Perylene-d12	15.32	264	397233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	698095	75.31	ng	0.00
7) Phenol-d6	6.39	99	840398	74.54	ng	-0.02
23) Nitrobenzene-d5	7.30	82	549325	49.47	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	261299	65.92	ng	-0.01
45) 2-Fluorobiphenyl	9.10	172	1105637	53.75	ng	-0.01
79) Terphenyl-d14	12.84	244	1016075	52.11	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.49	163	56583	2.442	ng	Qvalue 99

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

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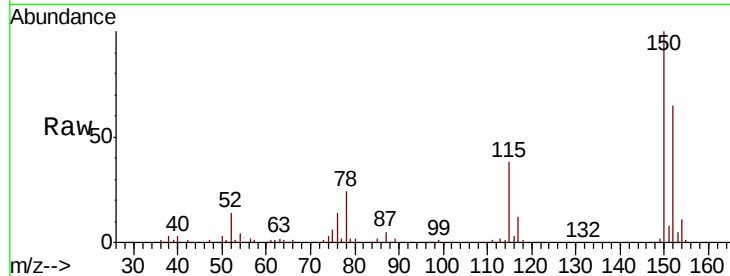


#1

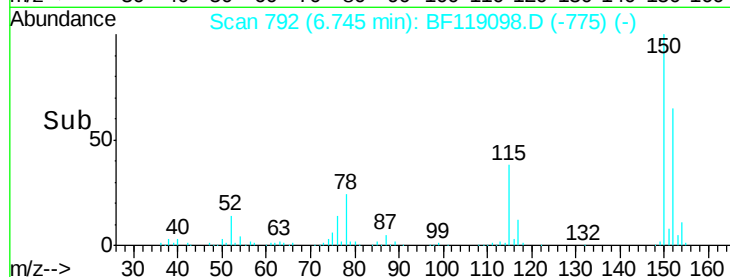
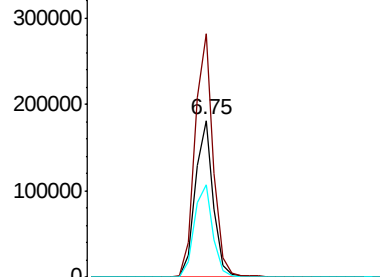
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 154914
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.6
115 58.9 49.5 74.3



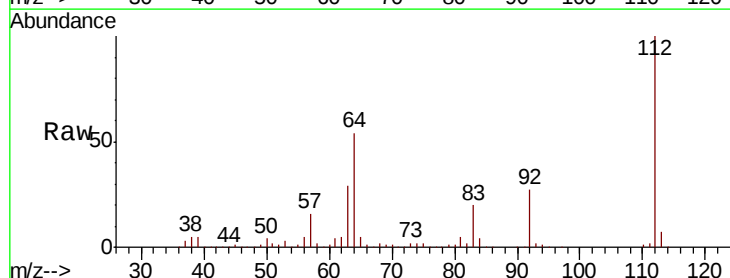
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



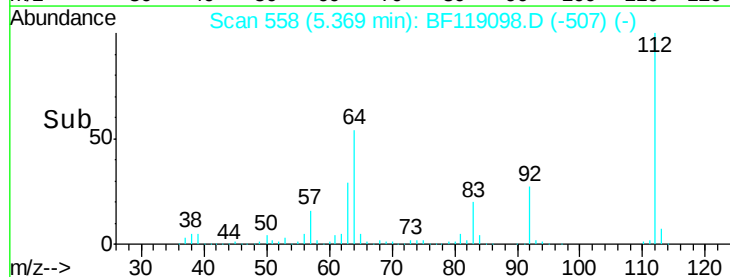
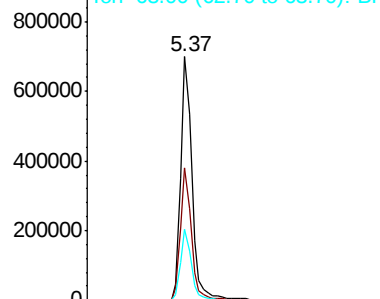
#5

2-Fluorophenol
Concen: 75.309 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Tgt Ion:112 Resp: 698095
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 29.3 24.2 36.4



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: 74.545 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

Instrument :

BNA_F

ClientSampleId :

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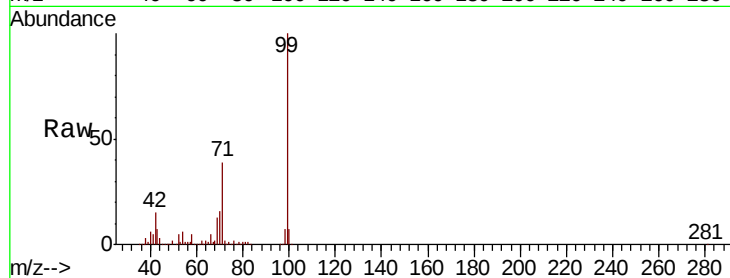
Tot Ion: 99 Resp: 840398

Ion Ratio Lower Upper

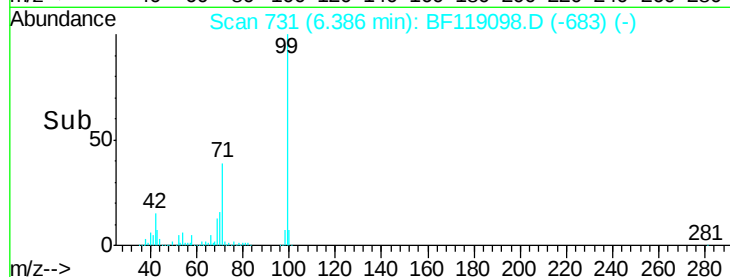
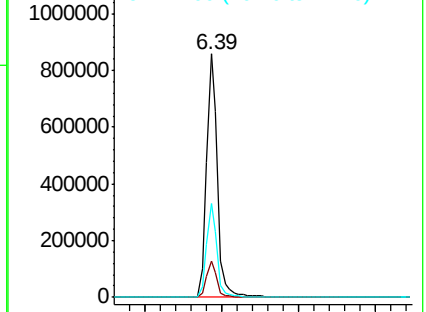
99 100

42 14.9 12.6 18.8

71 38.5 31.0 46.4



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: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

Tgt Ion: 136 Resp: 586348

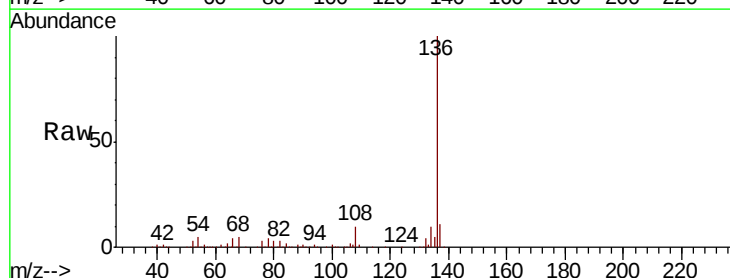
Ion Ratio Lower Upper

136 100

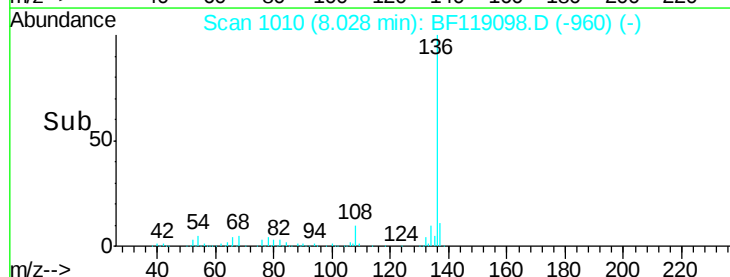
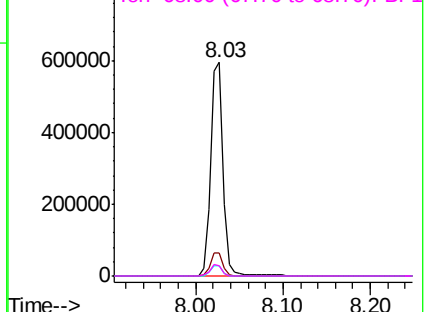
137 10.9 8.8 13.2

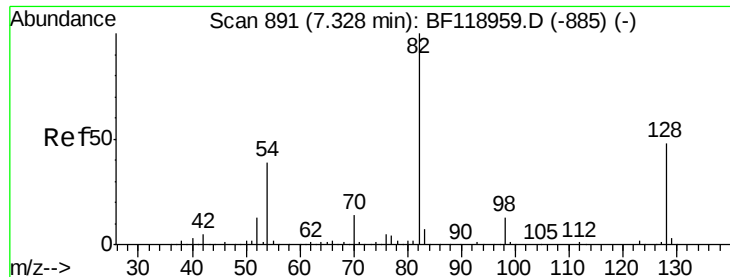
54 4.5 3.8 5.6

68 5.1 3.9 5.9



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

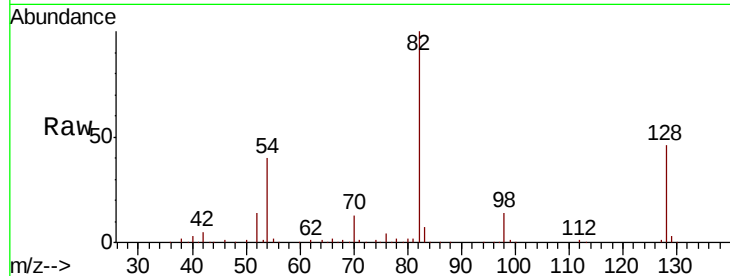




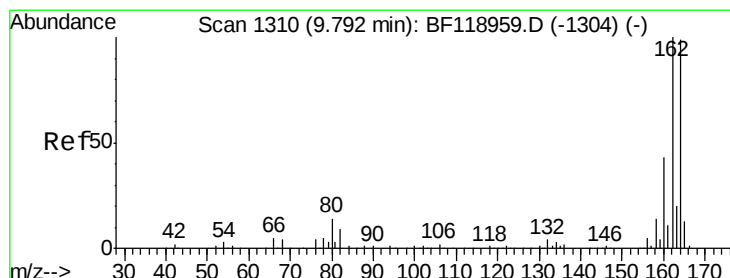
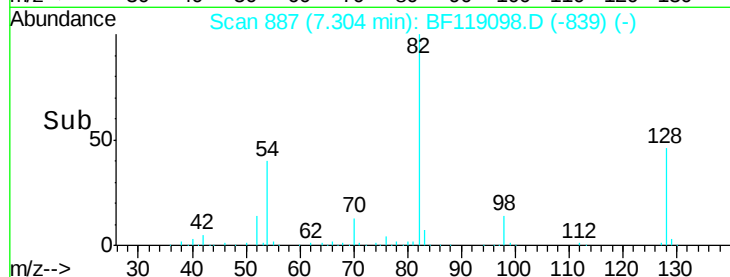
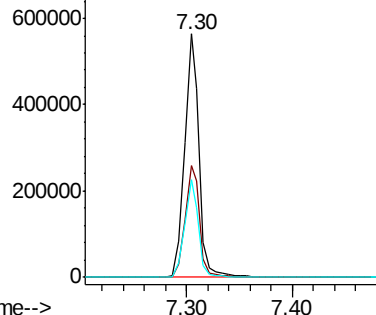
#23
Nitrobenzene-d5
Concen: 49.466 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion	82	Resp	549325
Ion Ratio	100	Lower	Upper
128	45.8	37.9	56.9
54	40.1	33.4	50.2

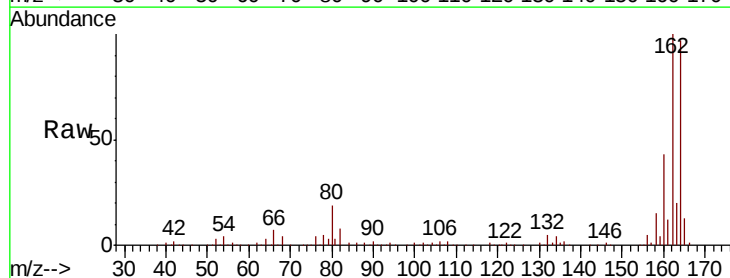


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

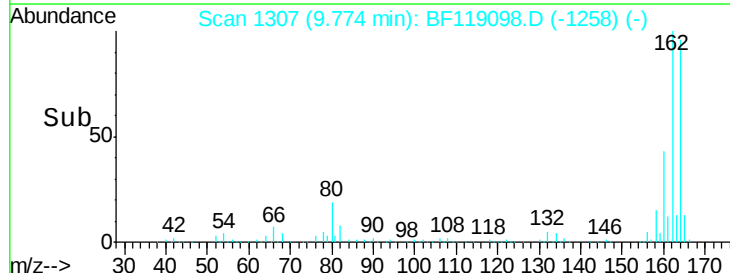
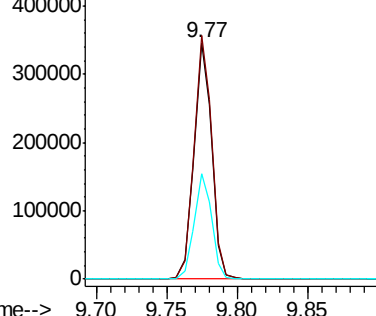


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Tgt Ion	164	Resp	303026
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.0	81.8	122.8
160	44.5	36.0	54.0



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: 65.917 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

Instrument :

BNA_F

ClientSampleId :

S-1

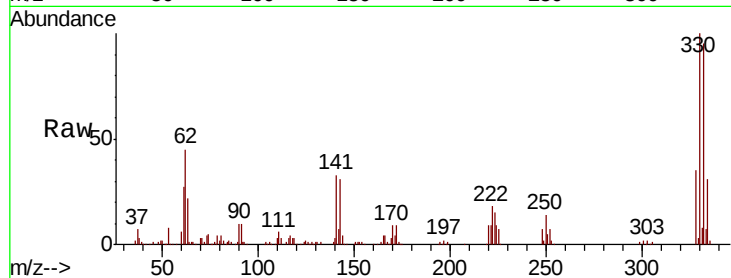
Tot Ion:330 Resp: 261299

Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

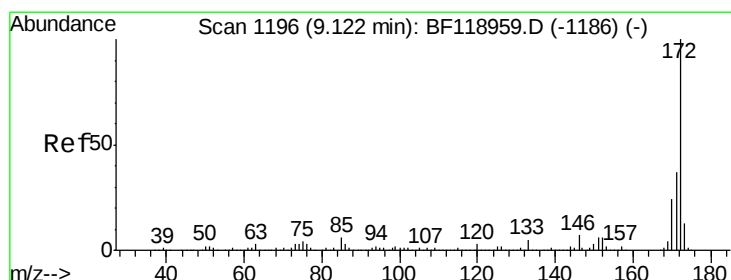
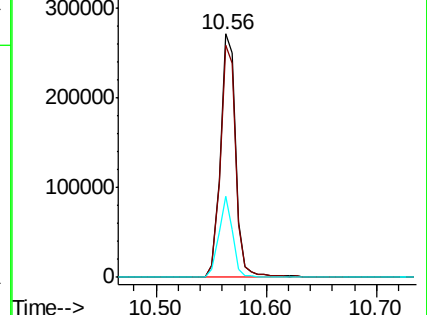
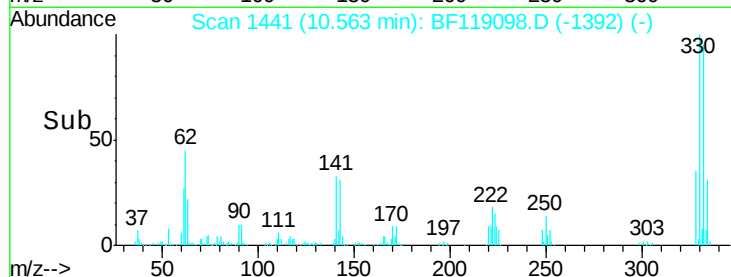
141 29.9 22.9 34.3



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: 53.751 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

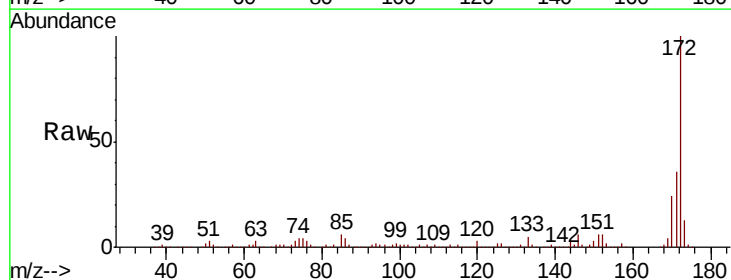
Tgt Ion:172 Resp: 1105637

Ion Ratio Lower Upper

172 100

171 36.5 30.6 45.8

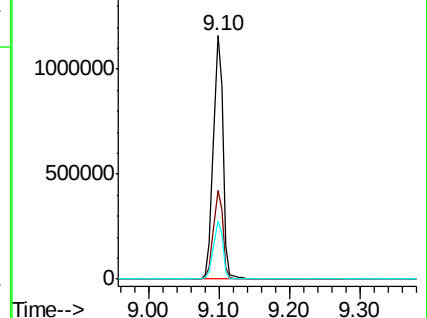
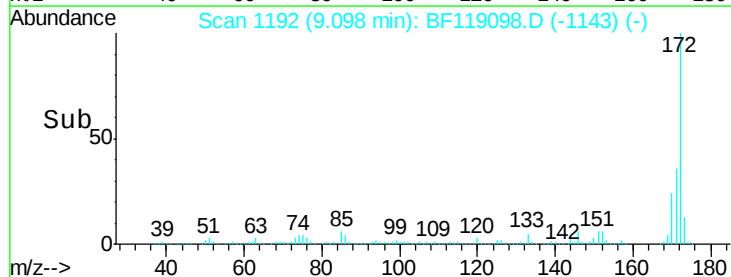
170 23.7 20.2 30.2

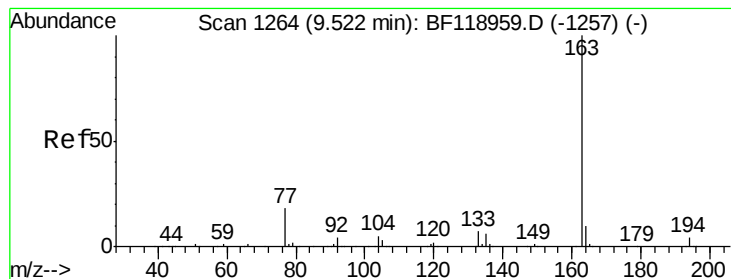


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.442 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

Instrument :

BNA_F

ClientSampleId :

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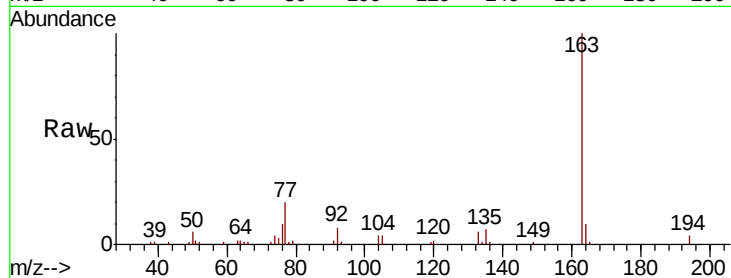
Tot Ion:163 Resp: 56583

Ion Ratio Lower Upper

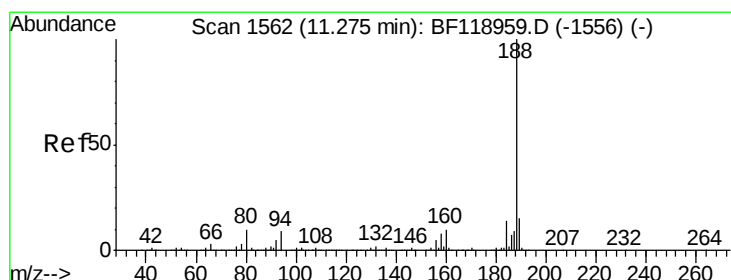
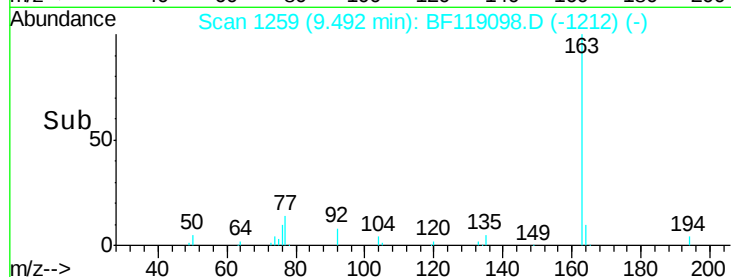
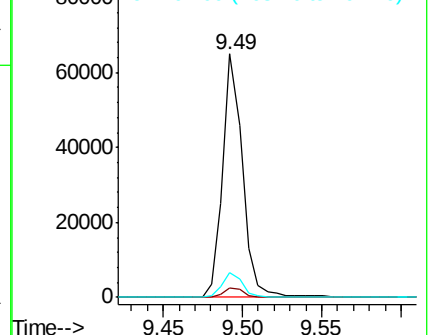
163 100

194 4.1 3.5 5.3

164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119098.D

Acq: 26 Feb 2020 16:53

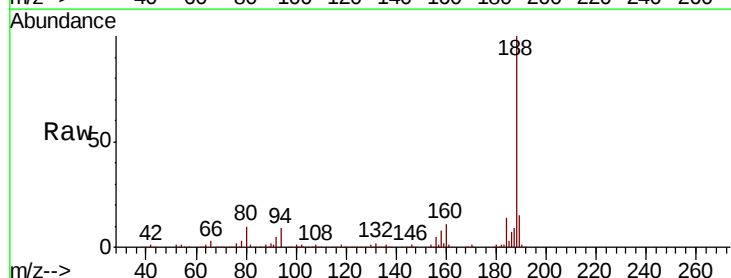
Tgt Ion:188 Resp: 502200

Ion Ratio Lower Upper

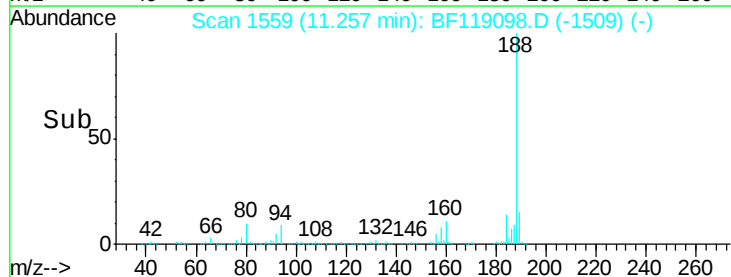
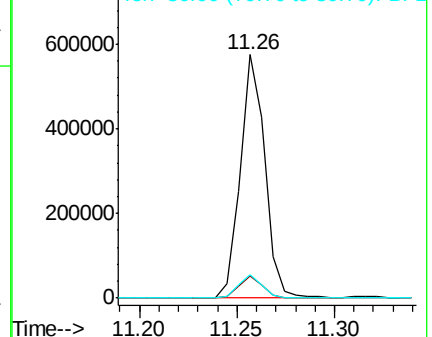
188 100

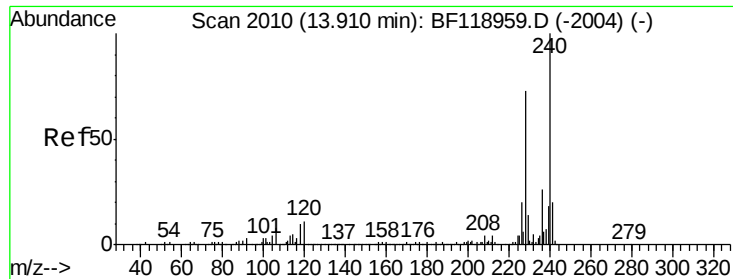
94 9.0 7.1 10.7

80 9.6 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

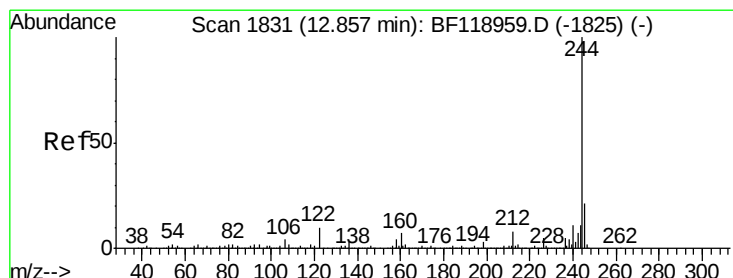
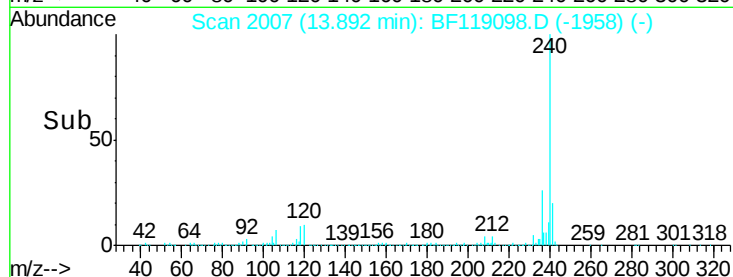
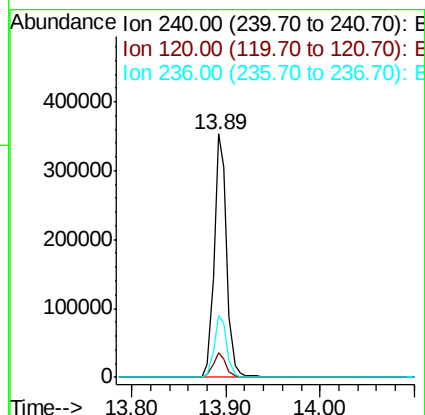
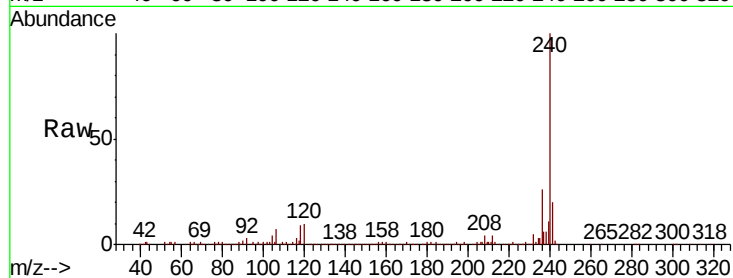




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119098.D
 Acq: 26 Feb 2020 16:53

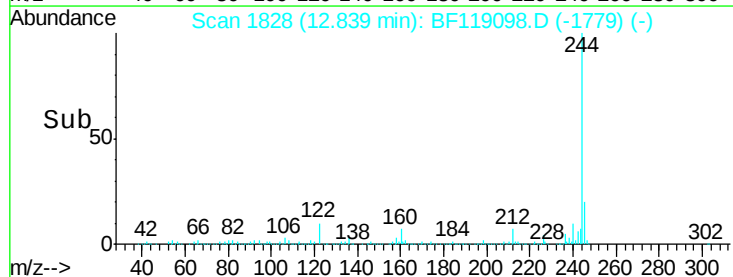
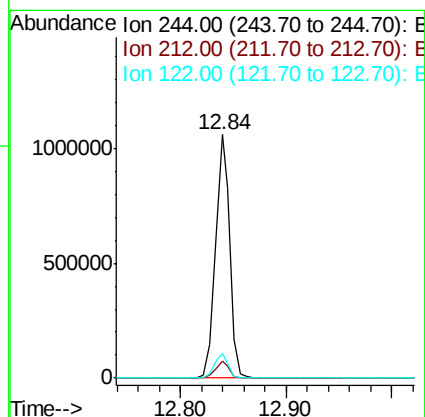
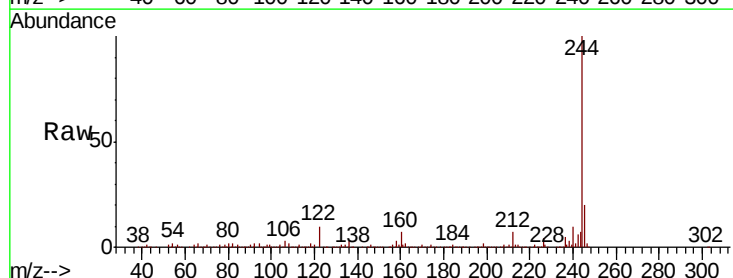
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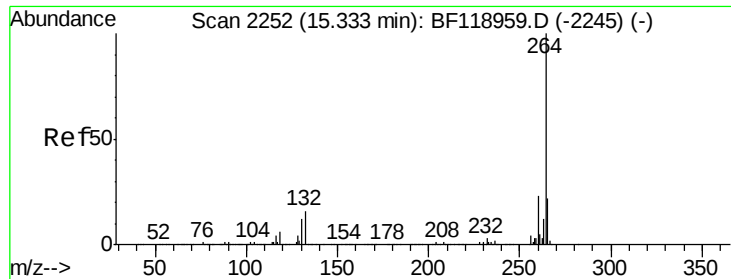
Tot Ion:240 Resp: 335734
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.4 12.6
 236 25.5 21.0 31.4



#79
 Terphenyl-d14
 Concen: 52.105 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119098.D
 Acq: 26 Feb 2020 16:53

Tgt Ion:244 Resp: 1016075
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 10.0
 122 10.2 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF119098.D
Acq: 26 Feb 2020 16:53

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.2	17.7	26.5

