

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112692.D
 Acq On : 25 Feb 2019 15:09
 Operator : JU/SJ
 Sample : K1595-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-E-WALL-GRADE-BEAM

Quant Time: Feb 25 15:53:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 14:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	76884	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	287638	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	121893	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	195080	20.00	ng	0.00
76) Chrysene-d12	13.98	240	177285	20.00	ng	0.00
87) Perylene-d12	15.46	264	158872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	555537	153.48	ng	0.01
7) Phenol-d6	6.49	99	624734	124.21	ng	0.00
23) Nitrobenzene-d5	7.38	82	501832	100.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	187253	131.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	907220	105.27	ng	0.00
79) Terphenyl-d14	12.92	244	762905	81.05	ng	0.00

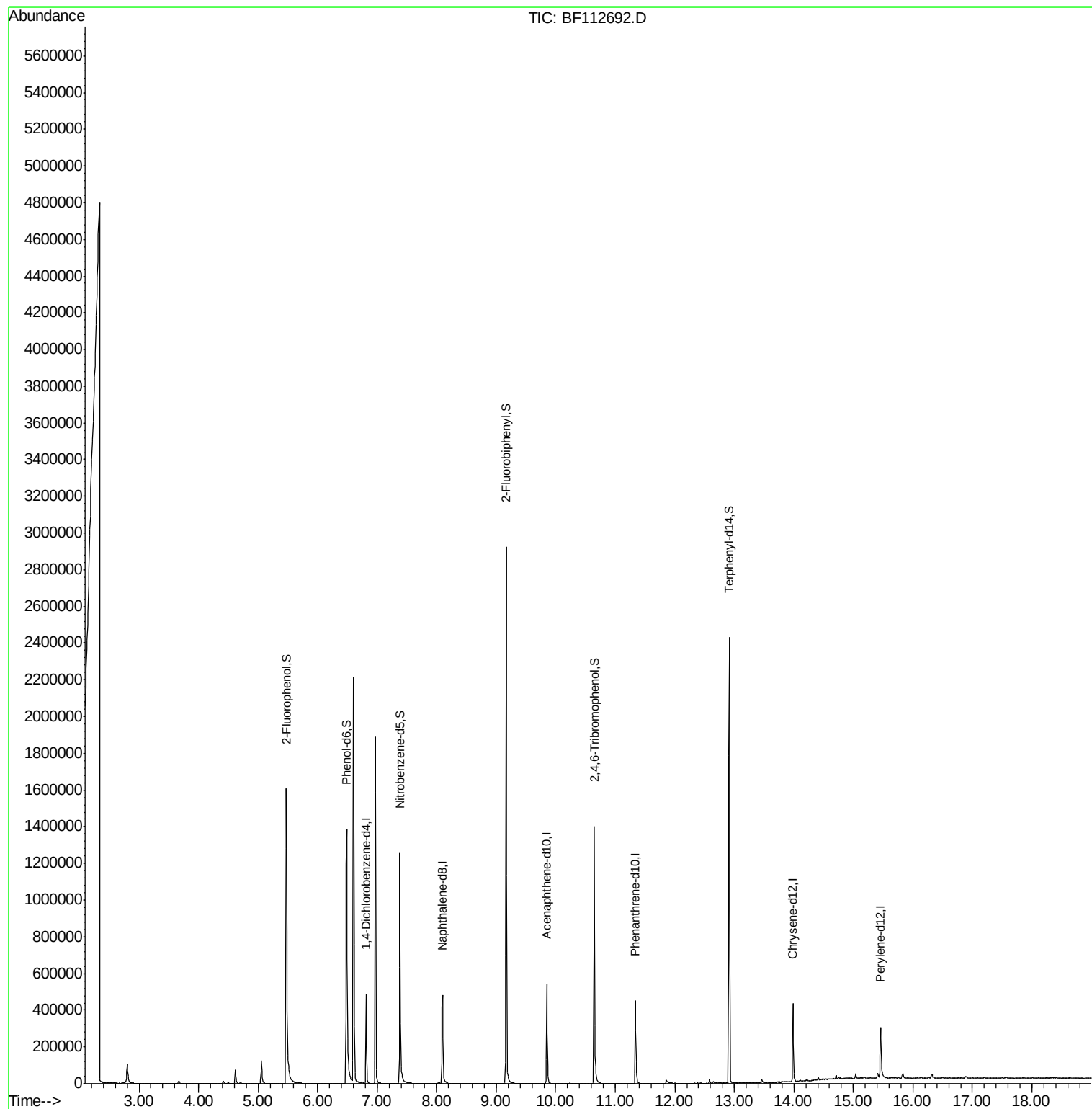
Target Compounds Qvalue

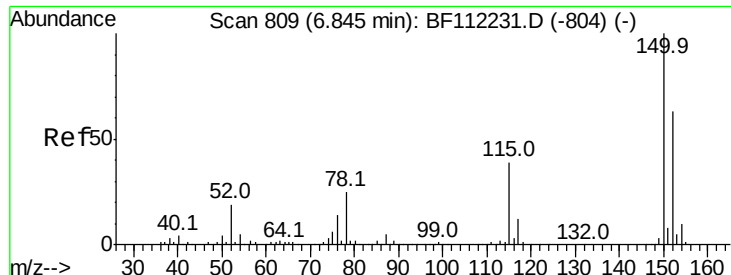
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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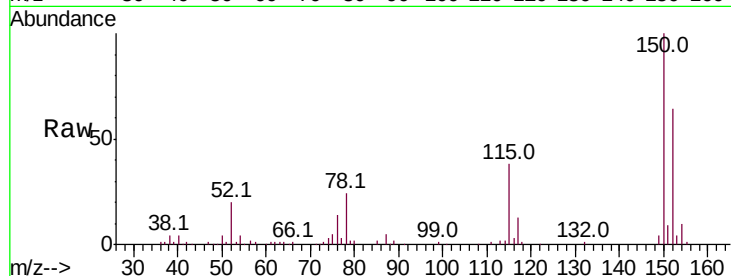


#1

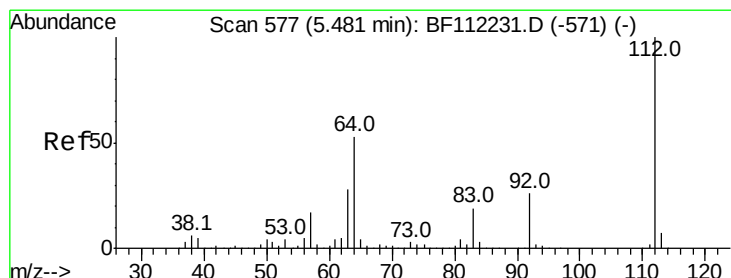
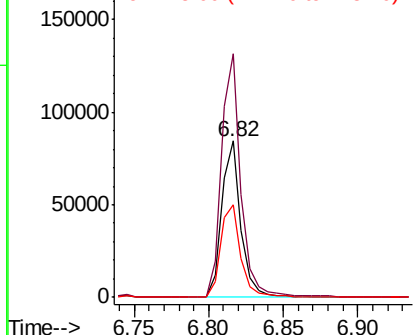
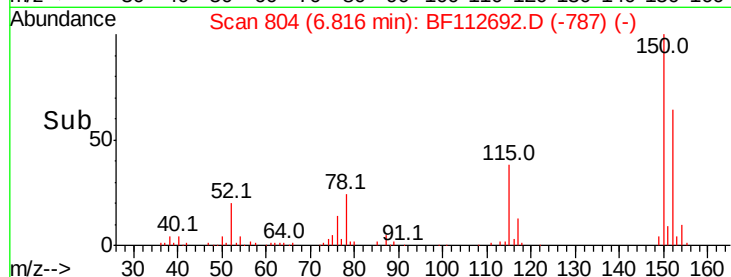
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF112692.D
 Acq: 25 Feb 2019 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-E-WALL-GRADE-BEAM

Tot Ion:152 Resp: 76884
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.4 191.0
 115 59.2 45.5 68.3



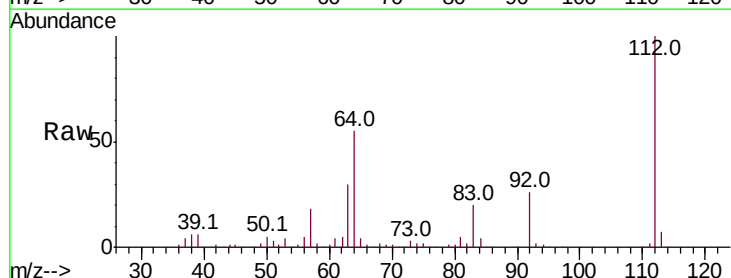
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



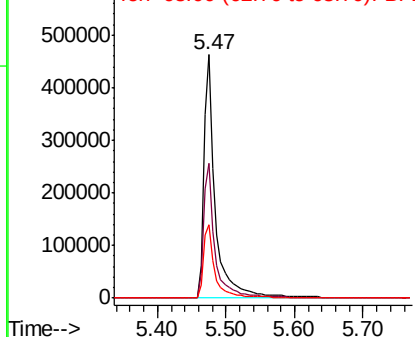
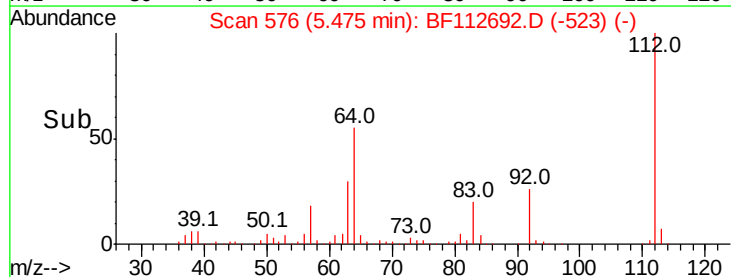
#5

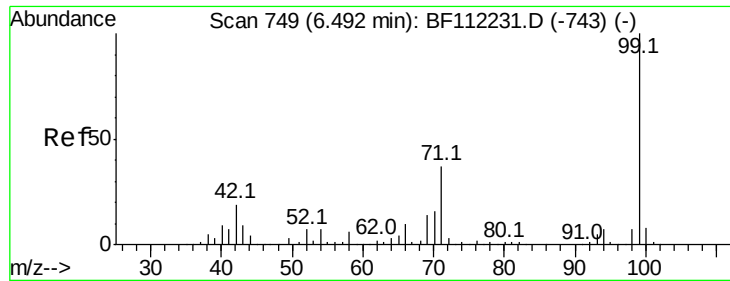
2-Fluorophenol
 Concen: 153.478 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF112692.D
 Acq: 25 Feb 2019 15:09

Tgt Ion:112 Resp: 555537
 Ion Ratio Lower Upper
 112 100
 64 55.5 45.7 68.5
 63 30.0 23.6 35.4



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: 124.209 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

TP-E-WALL-GRADE-BEAM

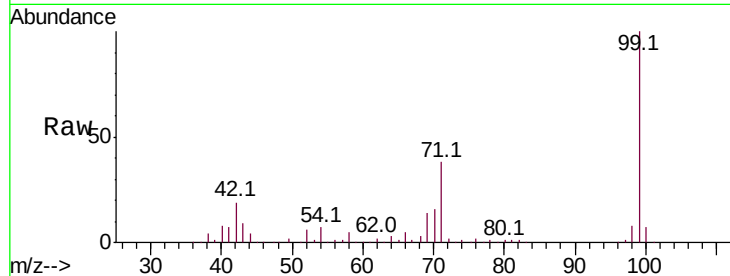
Tot Ion: 99 Resp: 624734

Ion Ratio Lower Upper

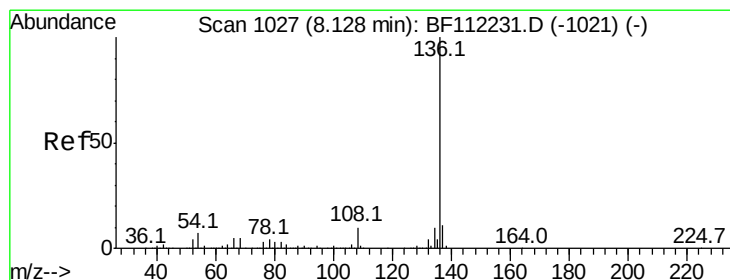
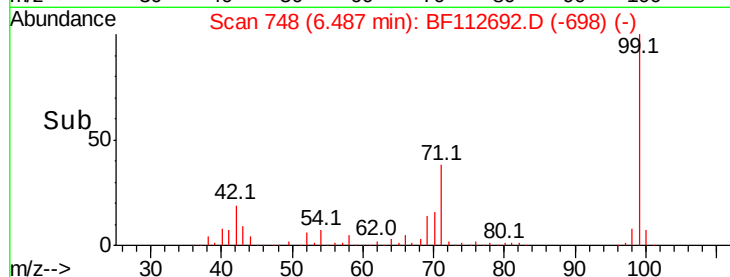
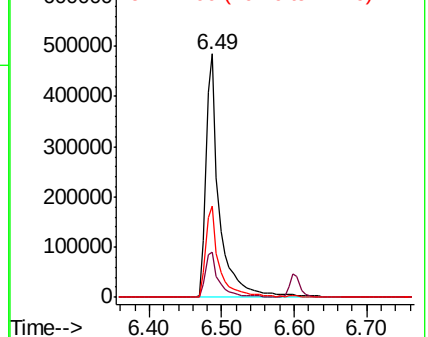
99 100

42 18.8 15.1 22.7

71 37.6 26.9 40.3



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. 0.00 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

Tgt Ion: 136 Resp: 287638

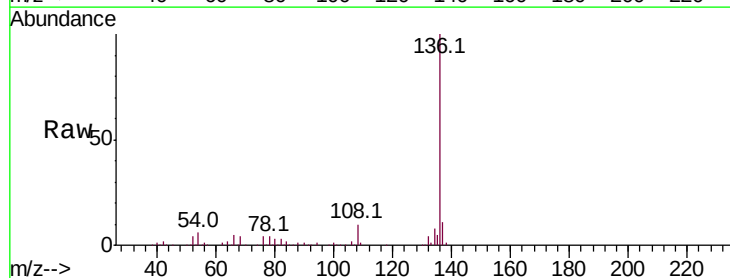
Ion Ratio Lower Upper

136 100

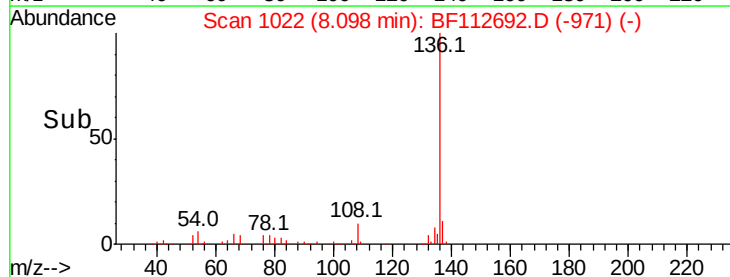
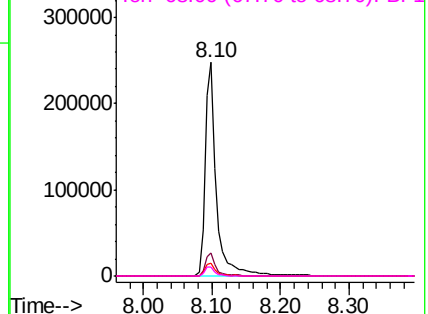
137 11.0 9.1 13.7

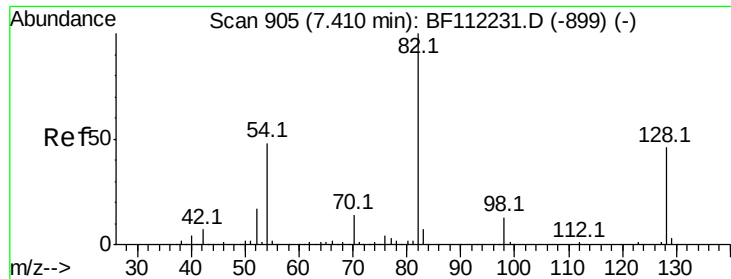
54 5.9 5.9 8.9#

68 4.4 5.1 7.7#



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

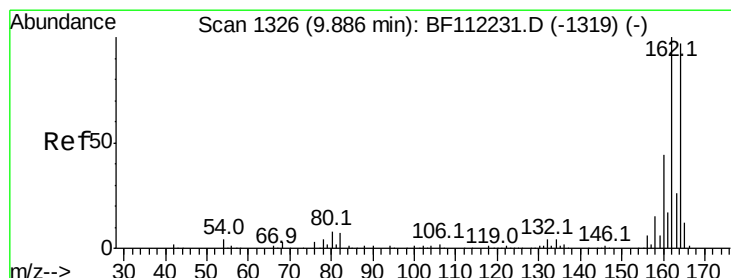
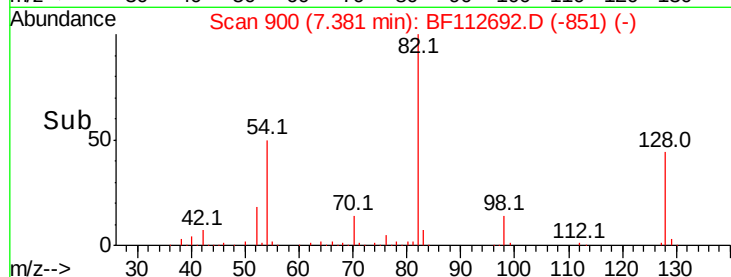
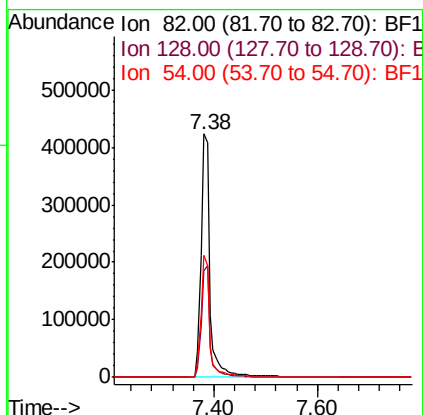
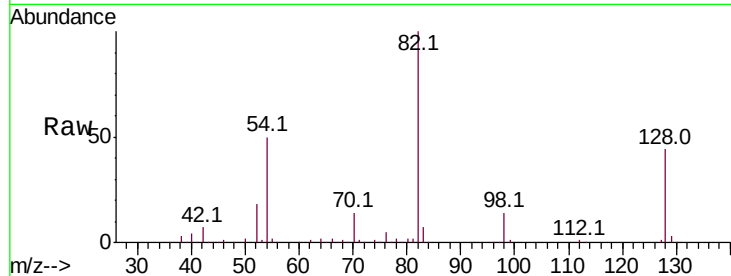




#23
 Nitrobenzene-d5
 Concen: 100.527 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF112692.D
 Acq: 25 Feb 2019 15:09

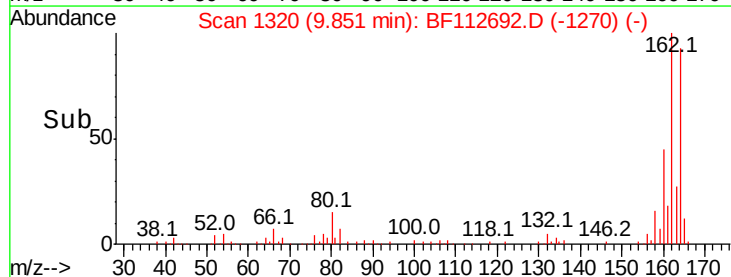
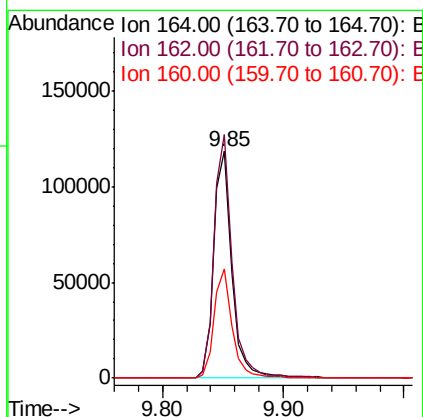
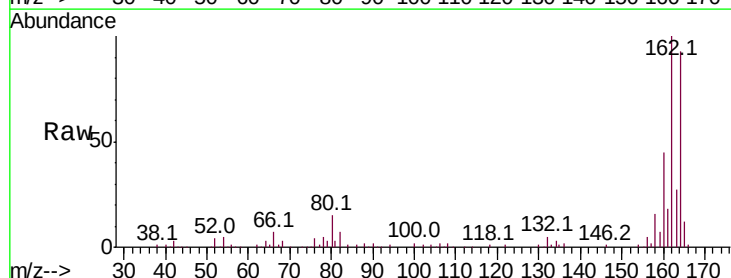
Instrument :
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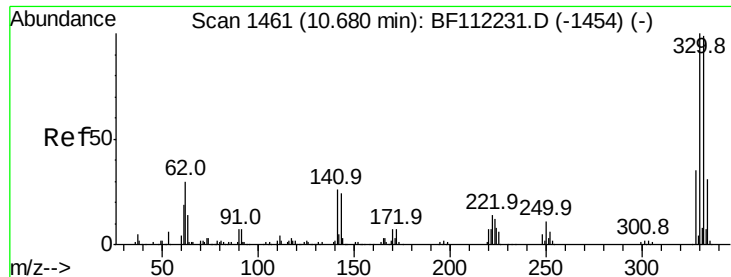
Tot Ion: 82 Resp: 501832
 Ion Ratio Lower Upper
 82 100
 128 43.6 37.8 56.8
 54 49.9 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF112692.D
 Acq: 25 Feb 2019 15:09

Tgt Ion:164 Resp: 121893
 Ion Ratio Lower Upper
 164 100
 162 107.5 82.2 123.4
 160 48.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 131.980 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

Instrument :

BNA_F

ClientSampleId :

TP-E-WALL-GRADE-BEAM

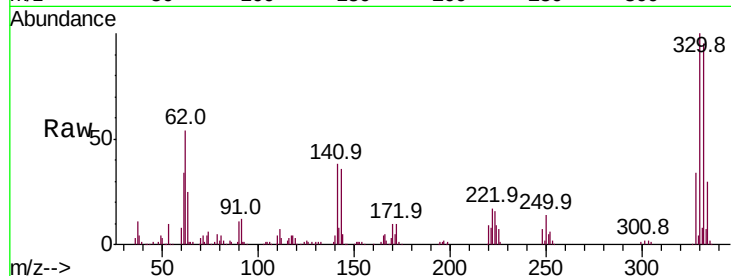
Tot Ion:330 Resp: 187253

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

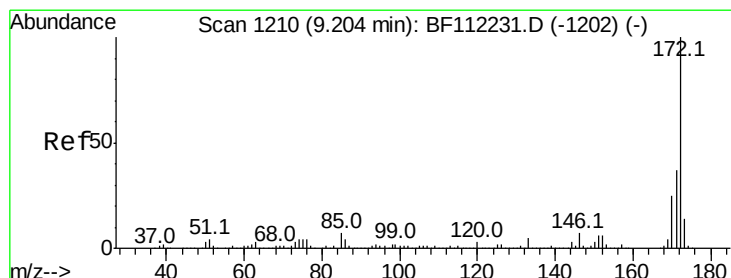
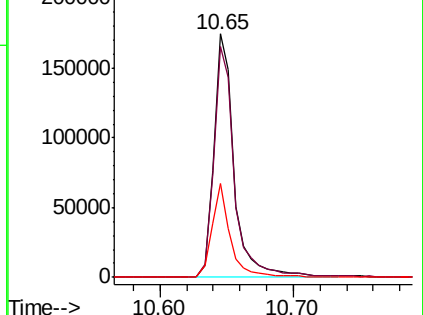
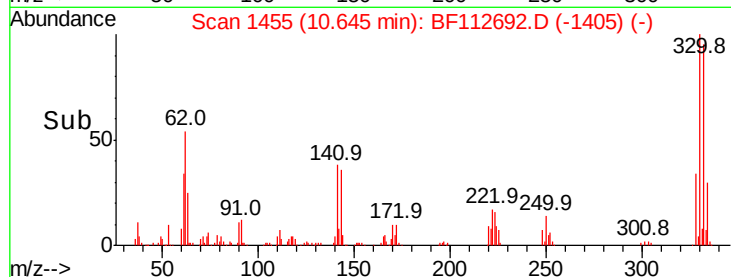
141 35.2 24.3 36.5



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: 105.266 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF112692.D

Acq: 25 Feb 2019 15:09

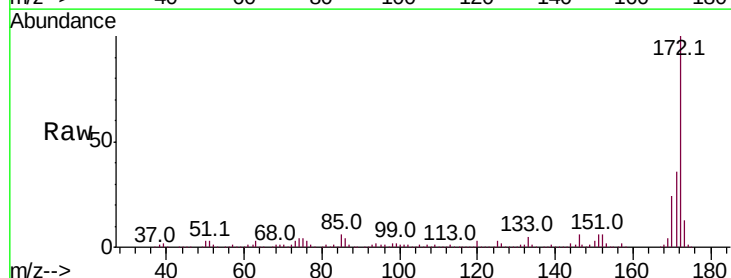
Tgt Ion:172 Resp: 907220

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

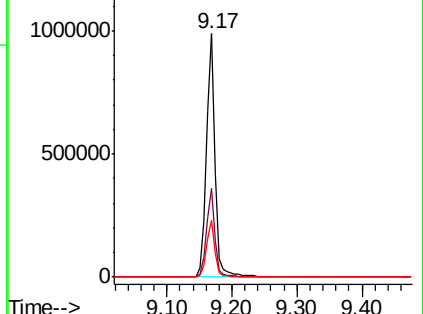
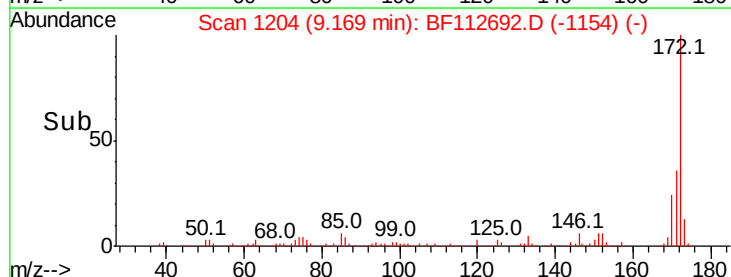
170 23.6 20.2 30.4

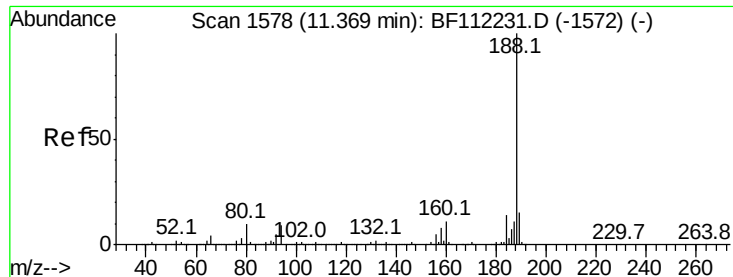


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

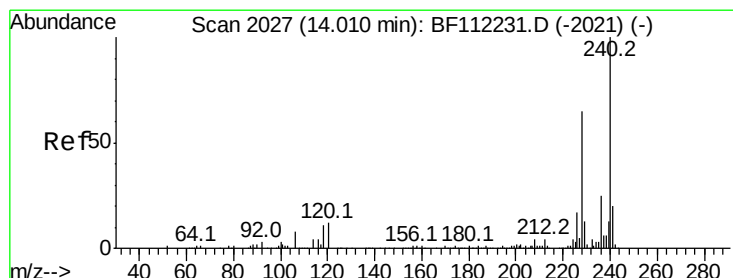
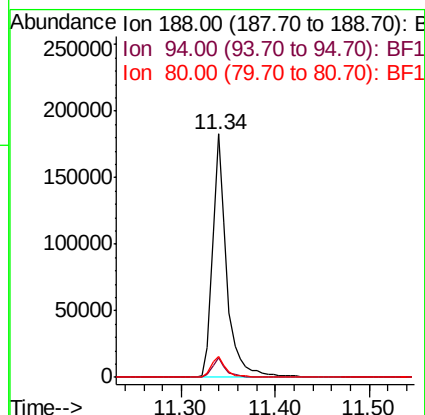
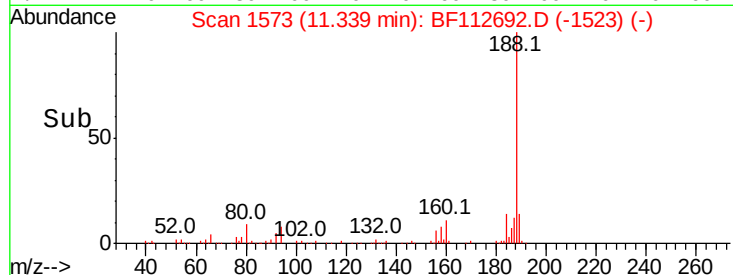
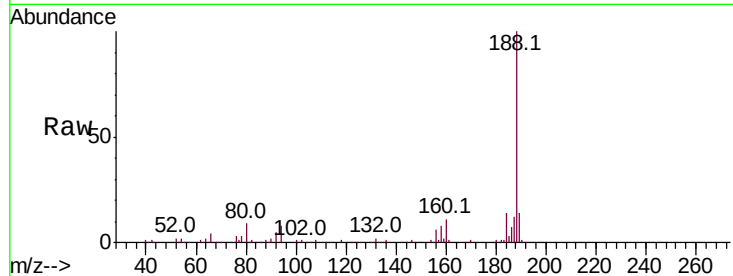




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF112692.D
Acq: 25 Feb 2019 15:09

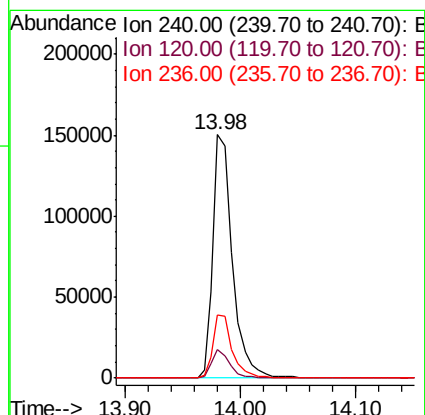
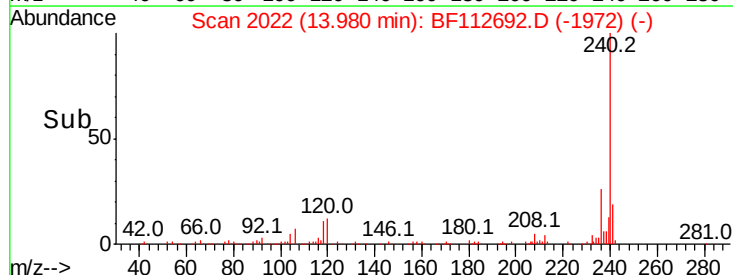
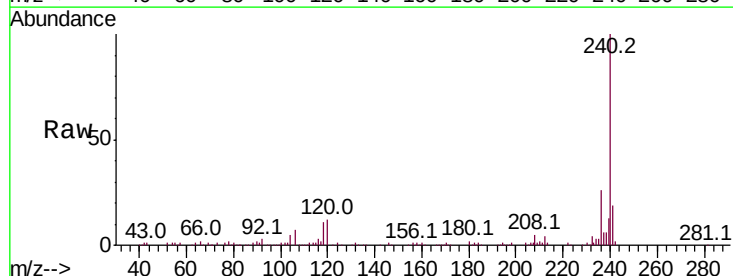
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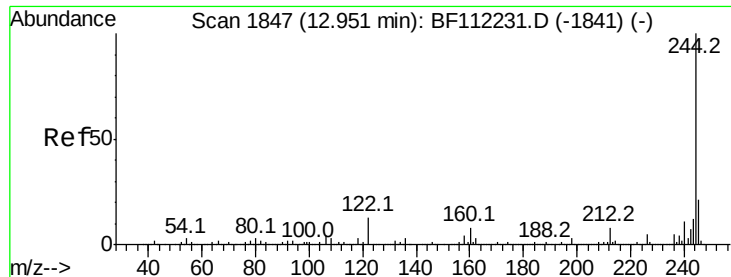
Tot Ion:188 Resp: 195080
Ion Ratio Lower Upper
188 100
94 7.8 8.2 12.2#
80 8.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF112692.D
Acq: 25 Feb 2019 15:09

Tgt Ion:240 Resp: 177285
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.6
236 25.9 20.7 31.1

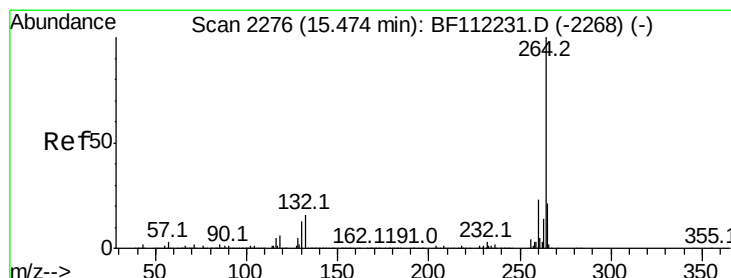
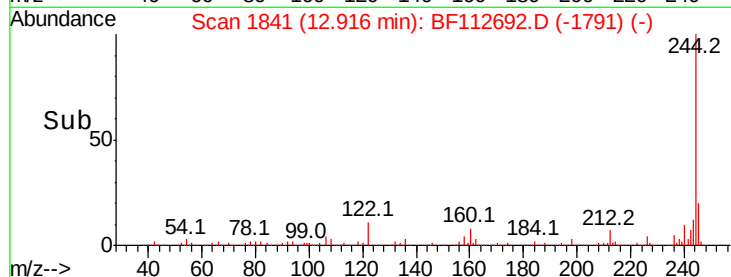
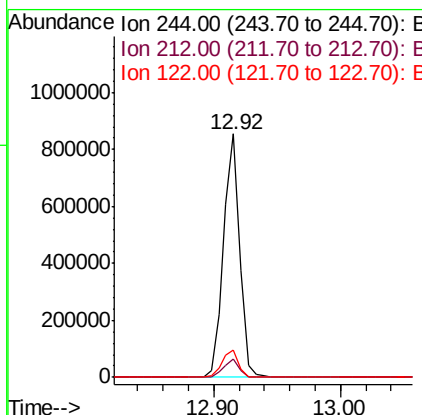
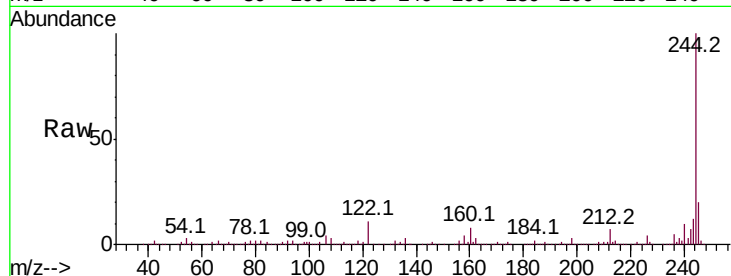




#79
 Terphenyl-d14
 Concen: 81.050 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF112692.D
 Acq: 25 Feb 2019 15:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-E-WALL-GRADE-BEAM

Tot Ion:244 Resp: 762905
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.2 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF112692.D
 Acq: 25 Feb 2019 15:09

Tgt Ion:264 Resp: 158872
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 20.9 17.0 25.4

