

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112139.D
 Acq On : 18 Jan 2019 21:57
 Operator : JU/SJ
 Sample : K1173-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200052

Quant Time: Jan 19 00:35:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	255250	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	971207	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	476818	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	878628	20.00	ng	0.00
76) Chrysene-d12	14.02	240	636369	20.00	ng	-0.01
87) Perylene-d12	15.49	264	622272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1429321	101.64	ng	0.00
7) Phenol-d6	6.50	99	1551713	88.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	1316048	93.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	645130	125.42	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2583285	79.43	ng	0.00
79) Terphenyl-d14	12.96	244	2538851	84.87	ng	0.00

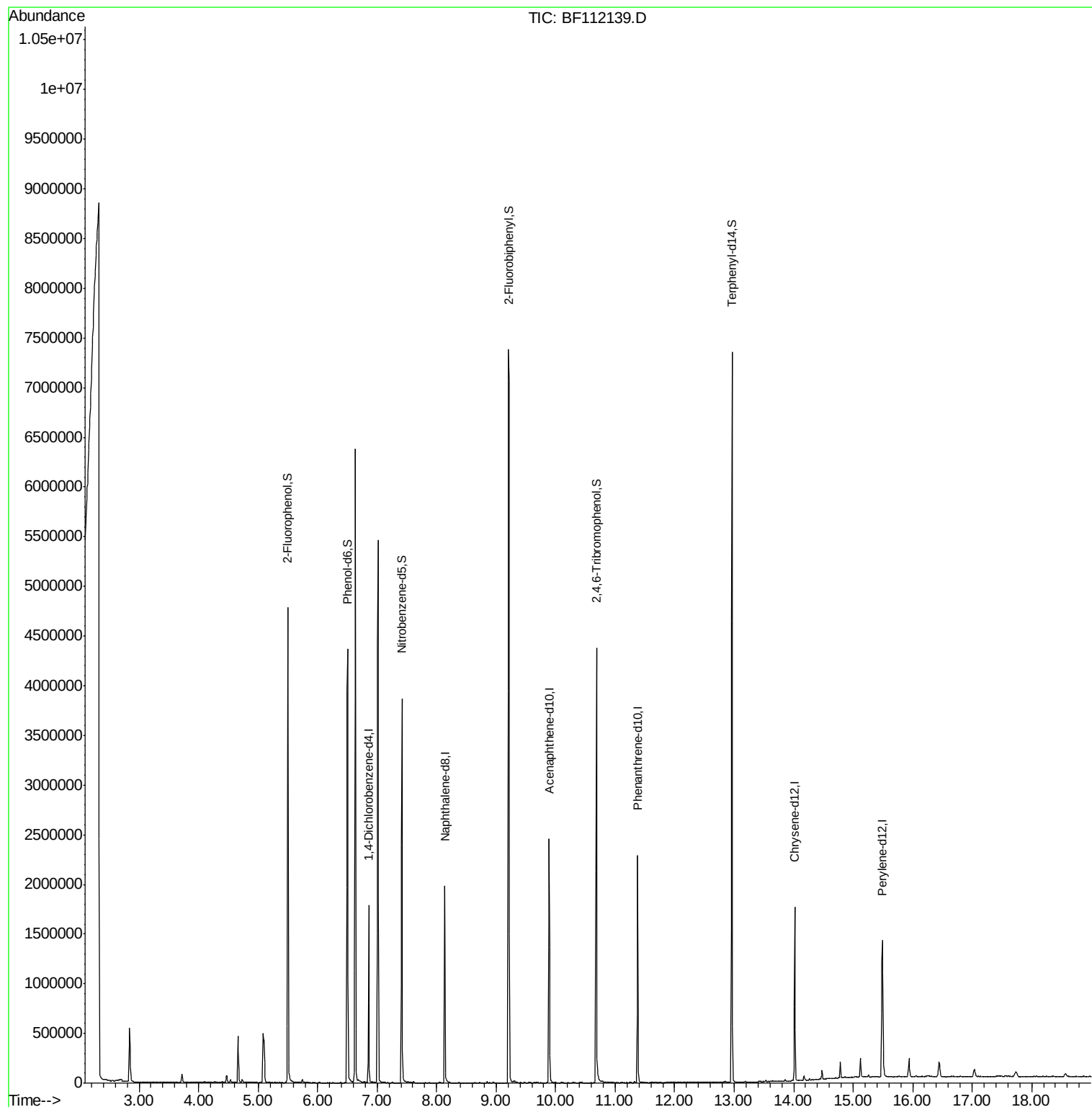
Target Compounds Qvalue

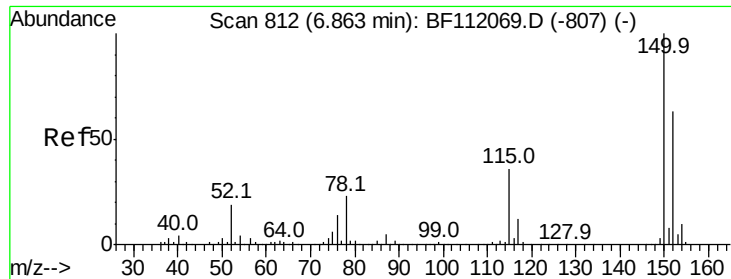
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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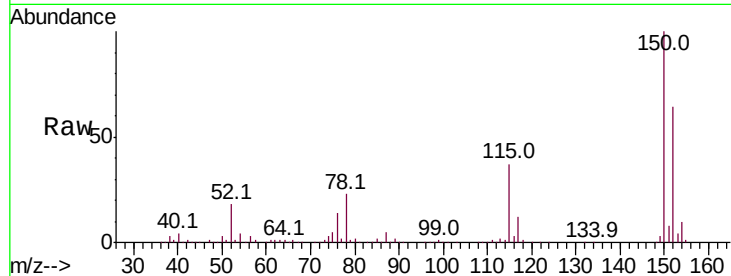


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	57.4	45.5	68.3

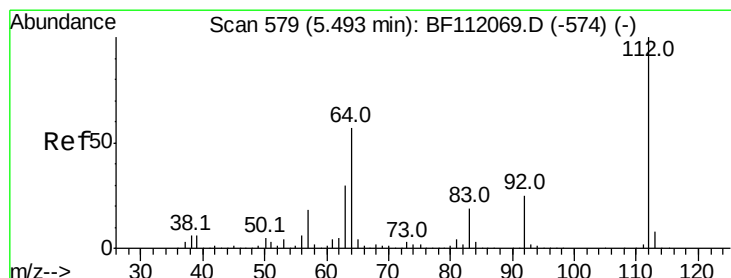
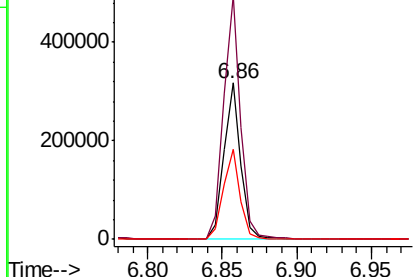
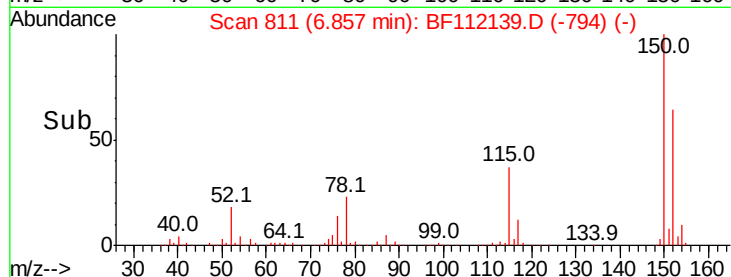


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

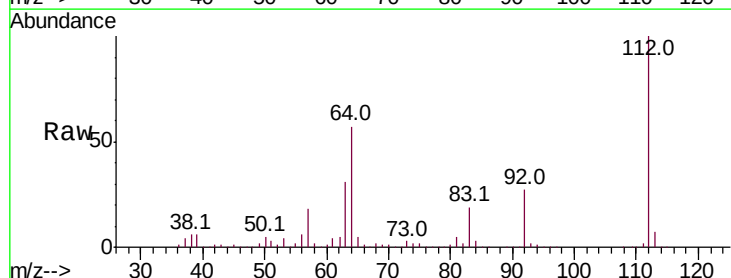
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.636 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	30.8	23.6	35.4

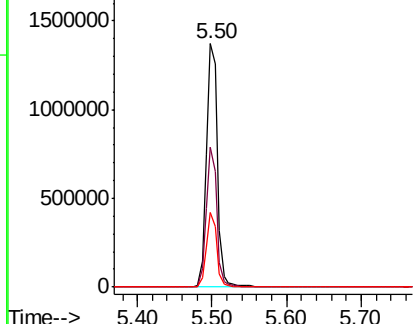
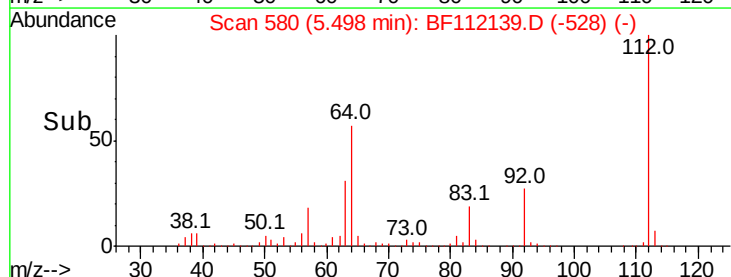


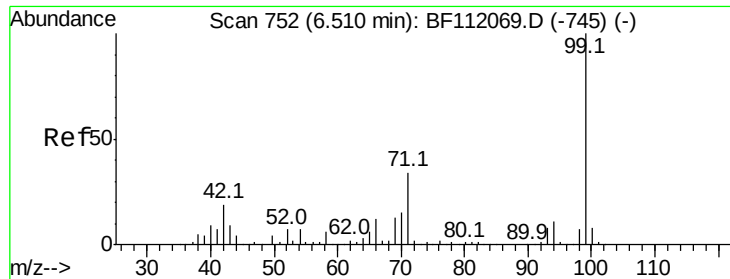
Abundance

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: 88.190 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF112139.D

Acq: 18 Jan 2019 21:57

Instrument :

BNA_F

ClientSampleId :

RBR-200052

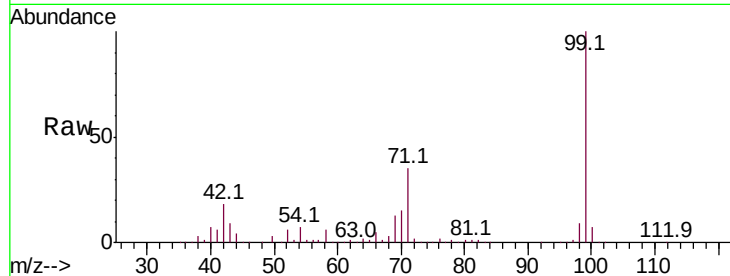
Tot Ion: 99 Resp: 1551713

Ion Ratio Lower Upper

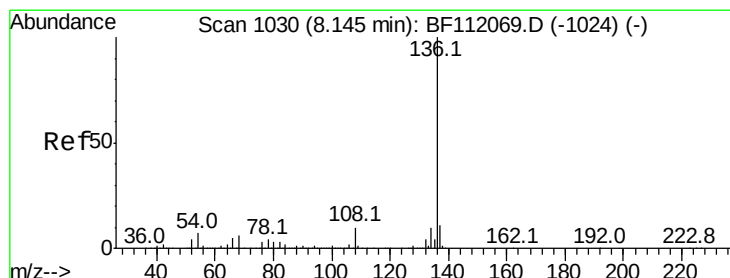
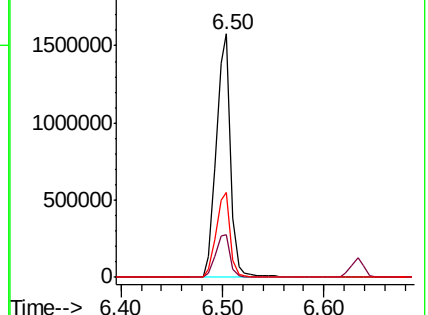
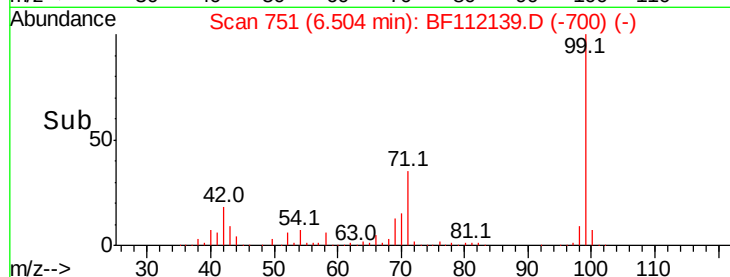
99 100

42 17.5 15.1 22.7

71 34.7 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: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF112139.D

Acq: 18 Jan 2019 21:57

Tgt Ion: 136 Resp: 971207

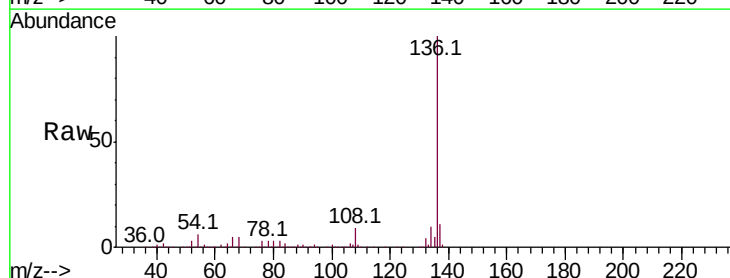
Ion Ratio Lower Upper

136 100

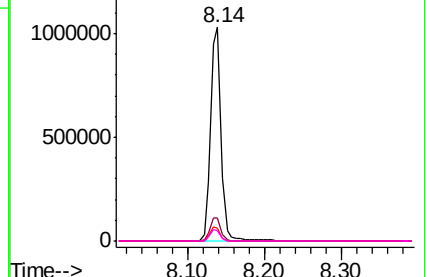
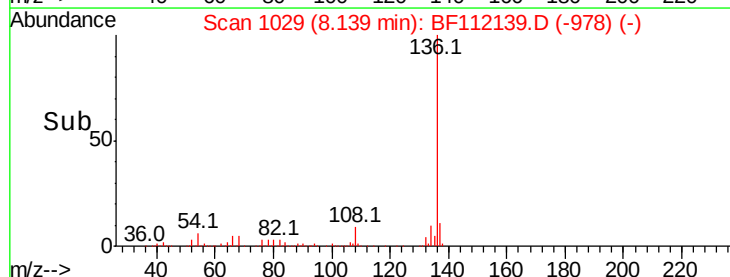
137 10.9 9.1 13.7

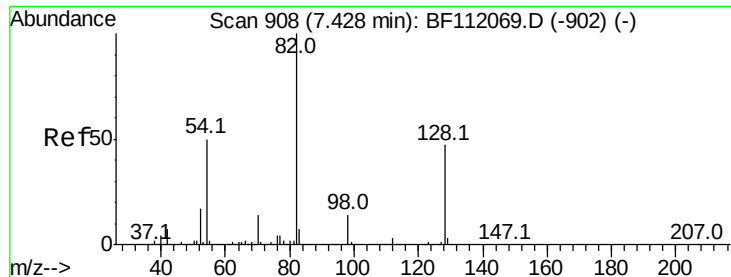
54 5.9 5.9 8.9

68 5.0 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

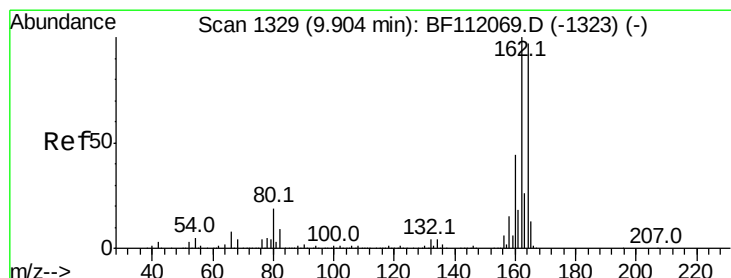
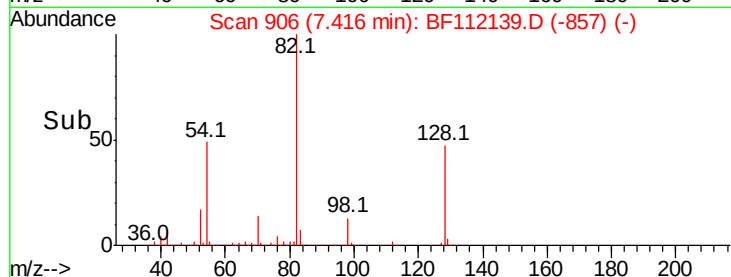
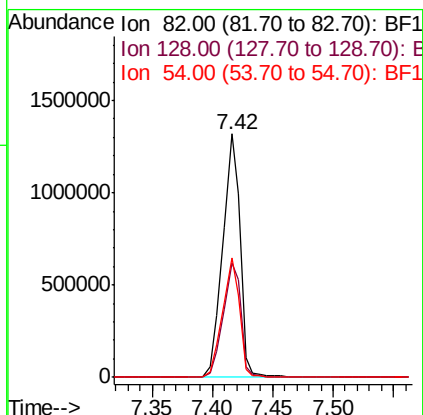
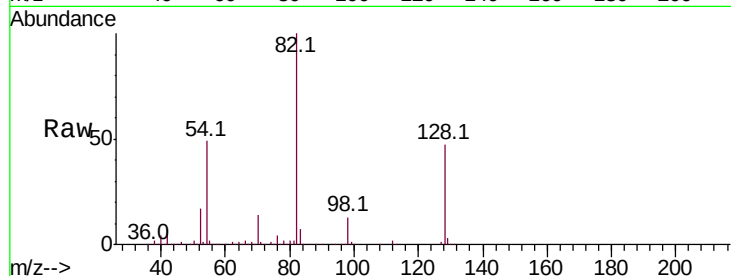




#23
Nitrobenzene-d5
Concen: 93.620 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

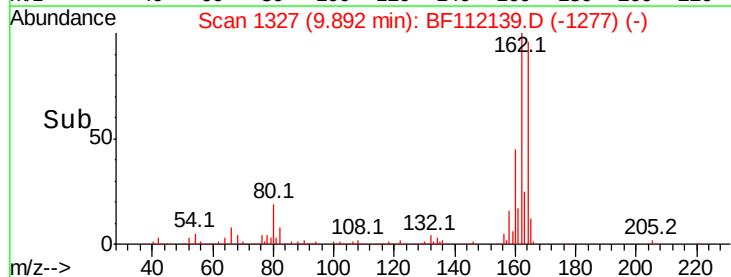
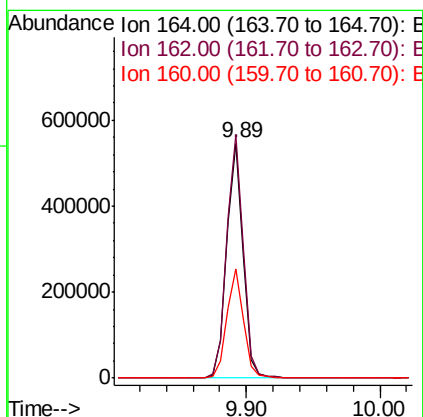
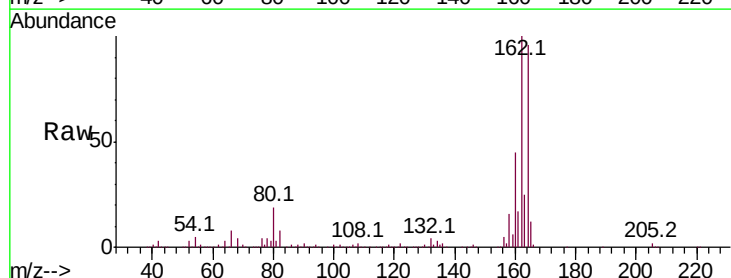
Instrument :
BNA_F
ClientSampleId :
RBR-200052

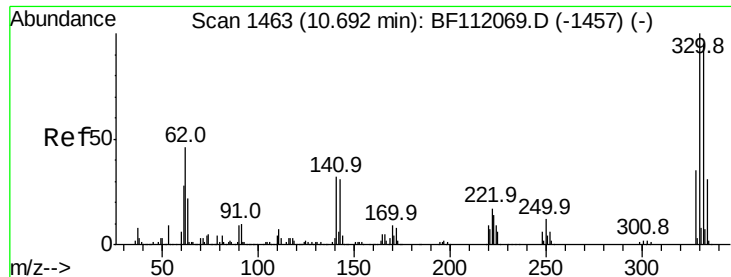
Tot Ion: 82 Resp: 1316048
Ion Ratio Lower Upper
82 100
128 46.8 37.8 56.8
54 48.9 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion: 164 Resp: 476818
Ion Ratio Lower Upper
164 100
162 103.7 82.2 123.4
160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 125.418 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112139.D

Acq: 18 Jan 2019 21:57

Instrument :

BNA_F

ClientSampleId :

RBR-200052

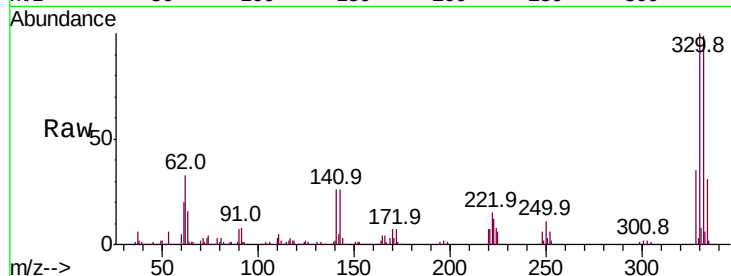
Tot Ion:330 Resp: 645130

Ion Ratio Lower Upper

330 100

332 98.2 76.6 114.8

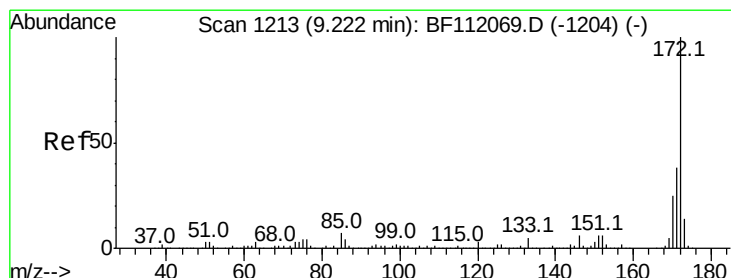
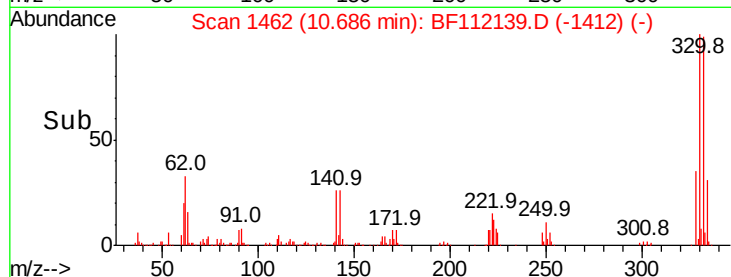
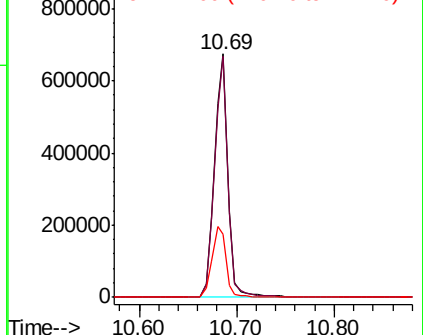
141 30.8 24.3 36.5



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: 79.430 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF112139.D

Acq: 18 Jan 2019 21:57

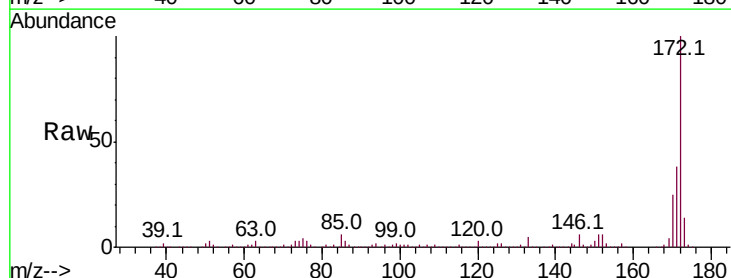
Tgt Ion:172 Resp: 2583285

Ion Ratio Lower Upper

172 100

171 37.9 30.5 45.7

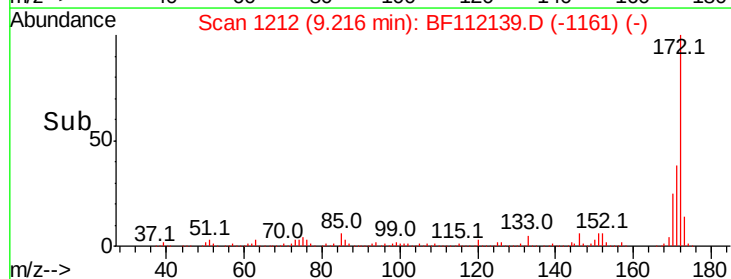
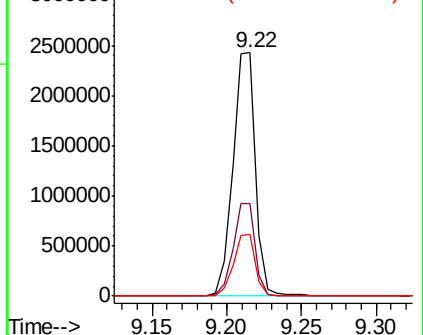
170 25.2 20.2 30.4

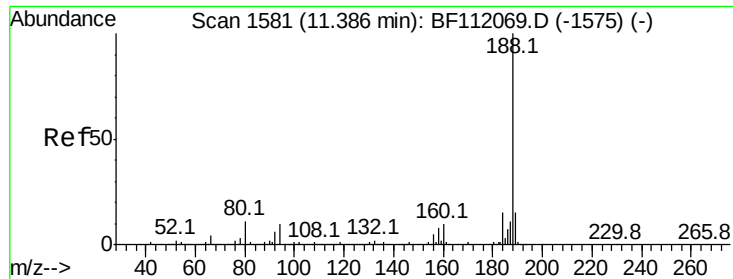


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

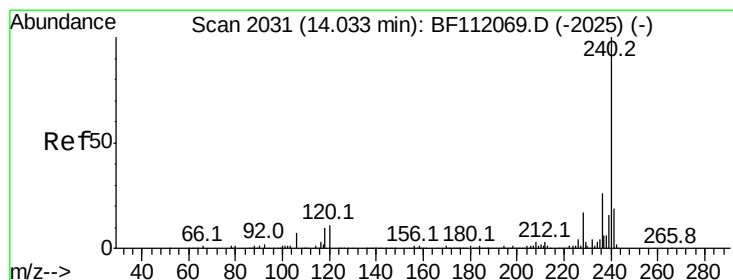
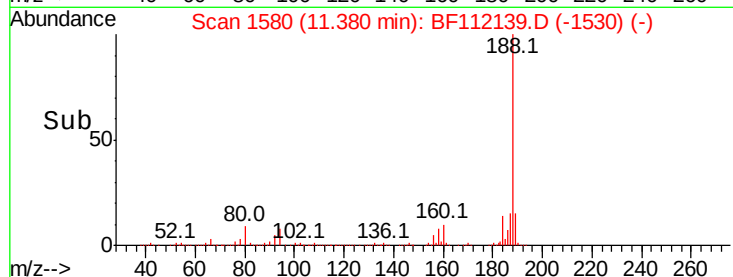
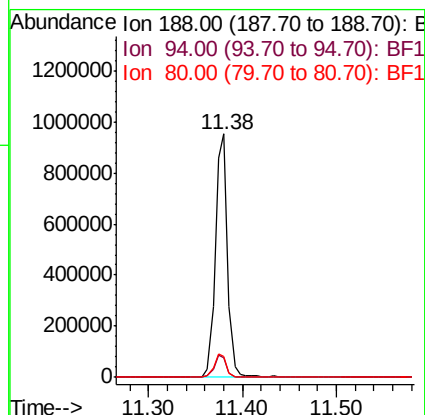
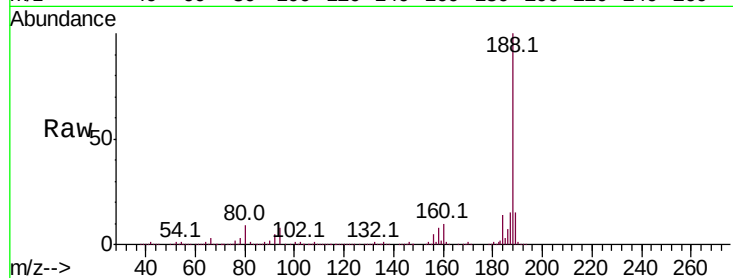




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

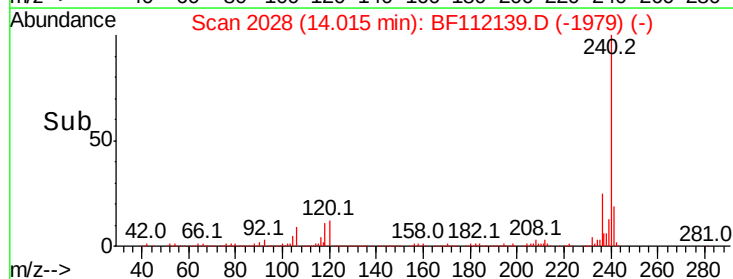
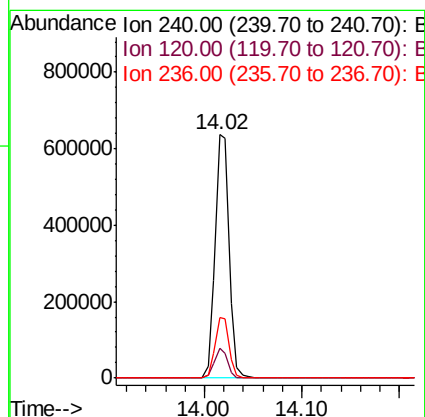
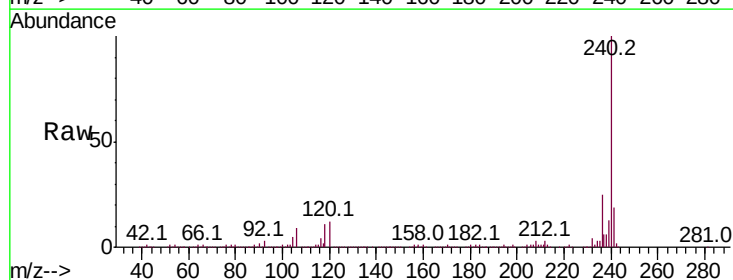
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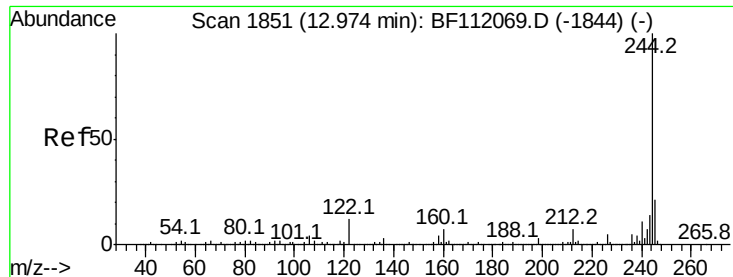
Tot Ion:188 Resp: 878628
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 8.8 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:240 Resp: 636369
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.6
236 24.8 20.7 31.1





#79

Terphenyl-d14

Concen: 84.874 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112139.D

Acq: 18 Jan 2019 21:57

Instrument :

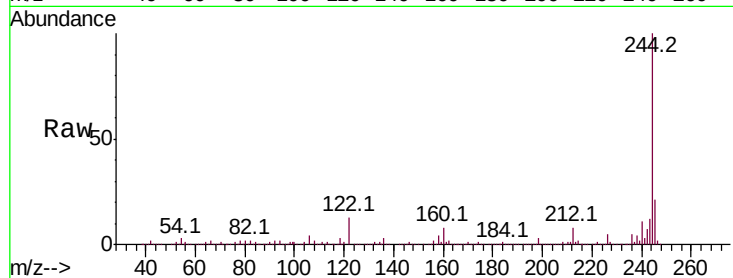
BNA_F

ClientSampleId :

RBR-200052

Tot Ion:244 Resp: 2538851

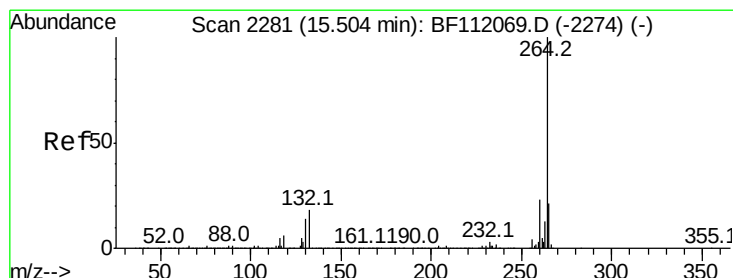
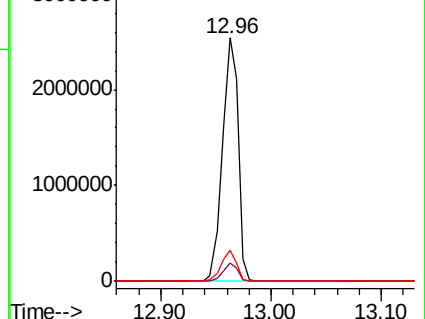
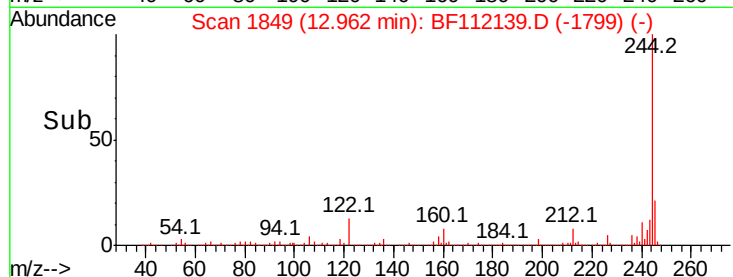
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.9	9.8	14.6



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: 15.49 min Scan# 2279

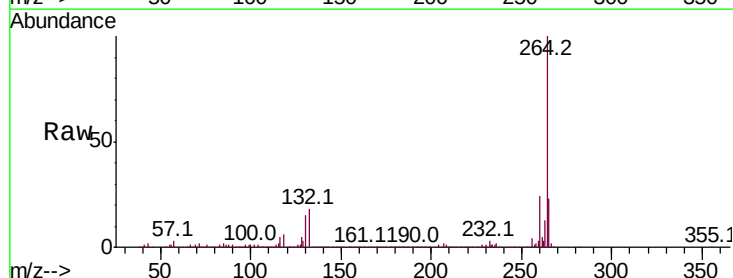
Delta R.T. -0.01 min

Lab File: BF112139.D

Acq: 18 Jan 2019 21:57

Tgt Ion:264 Resp: 622272

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	22.6	17.0	25.4



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

