

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112282.D
 Acq On : 28 Jan 2019 18:43
 Operator : JU/SJ
 Sample : K1255-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Quant Time: Jan 29 00:13:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	206668	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	810363	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	417736	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	815132	20.00	ng	0.00
76) Chrysene-d12	14.00	240	525519	20.00	ng	-0.01
87) Perylene-d12	15.47	264	415682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1370247	140.83	ng	0.01
7) Phenol-d6	6.49	99	1594423	117.93	ng	0.00
23) Nitrobenzene-d5	7.40	82	1258706	89.50	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	650827	133.85	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2551274	86.38	ng	0.00
79) Terphenyl-d14	12.94	244	2523587	90.44	ng	0.00

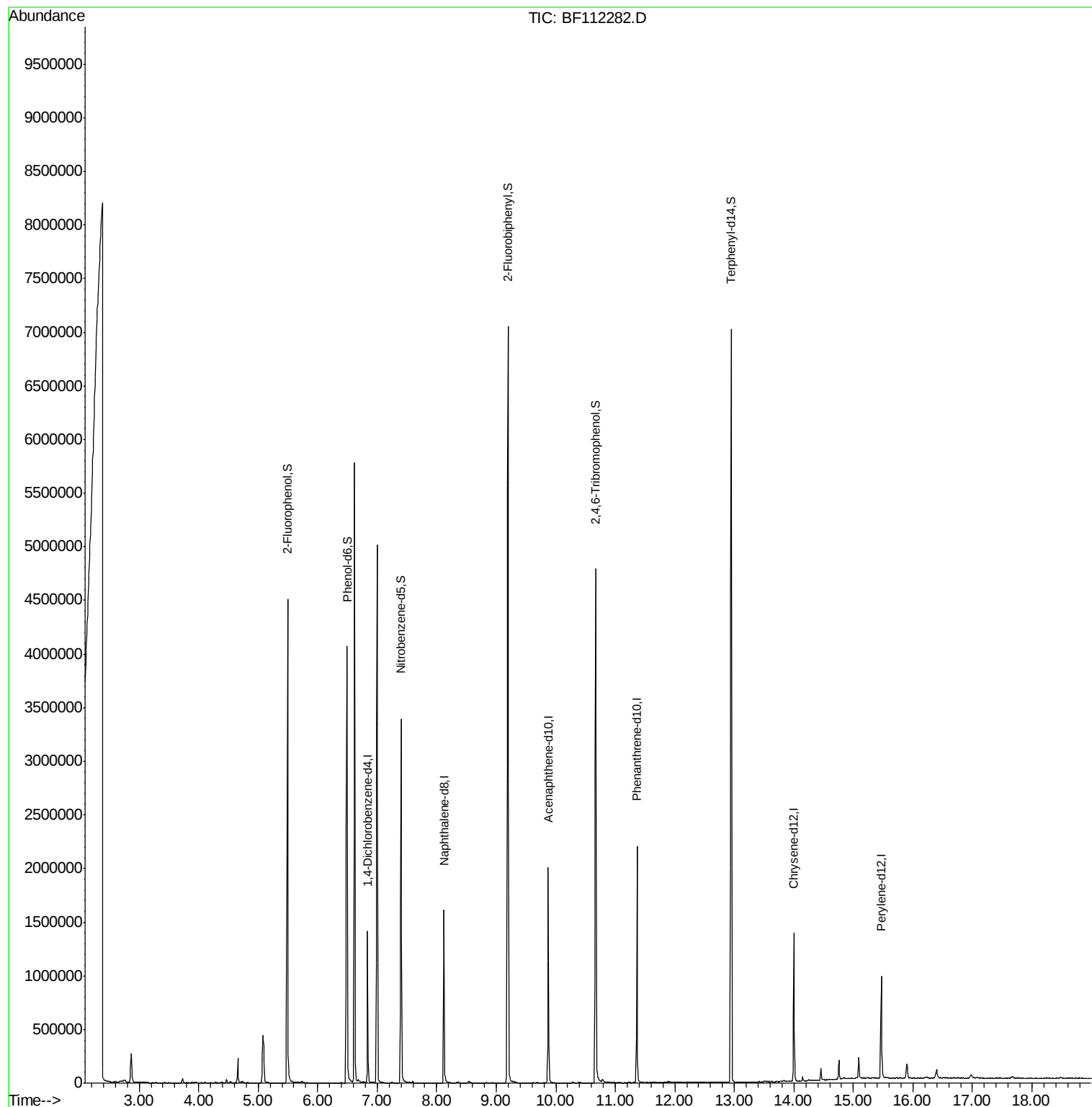
Target Compounds Qvalue

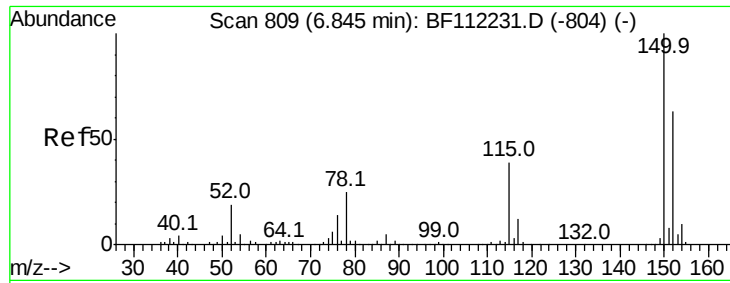
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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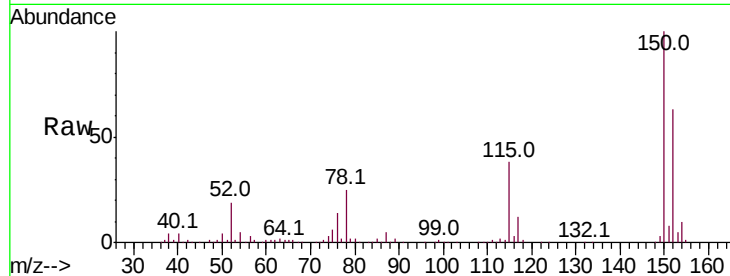


#1

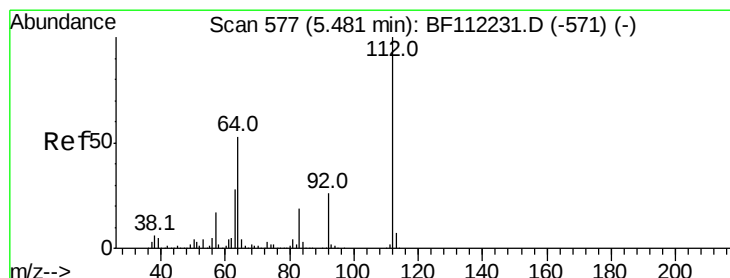
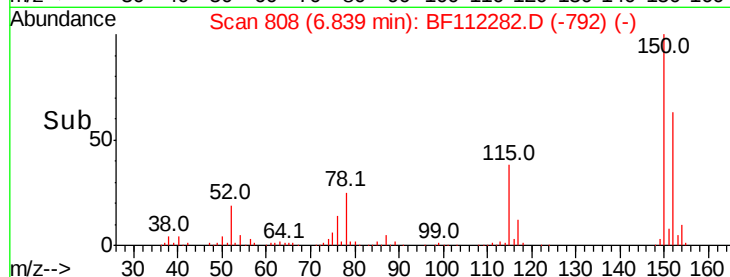
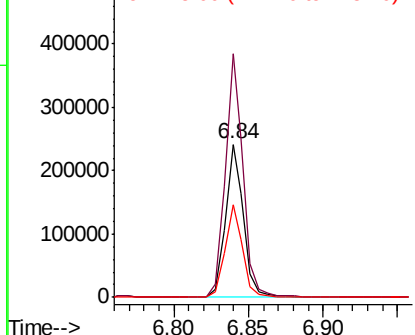
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112282.D
Acq: 28 Jan 2019 18:43

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tot Ion:152 Resp: 206668
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 60.4 45.5 68.3



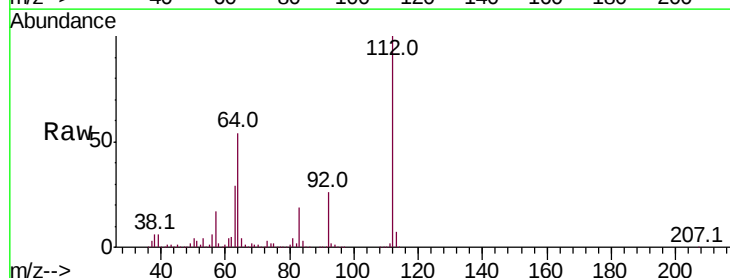
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



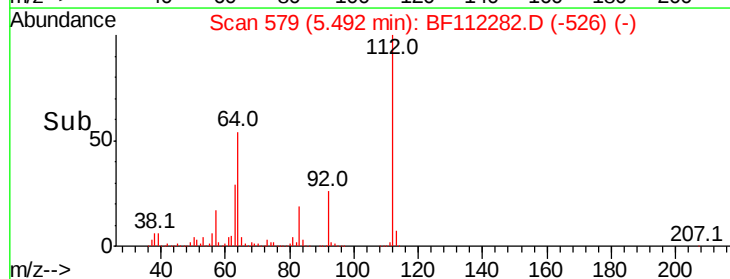
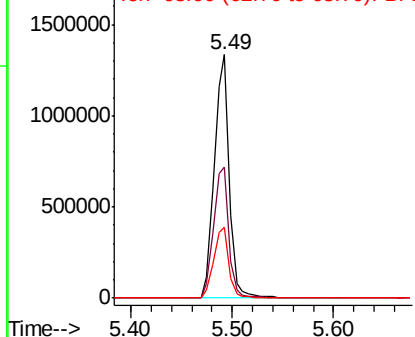
#5

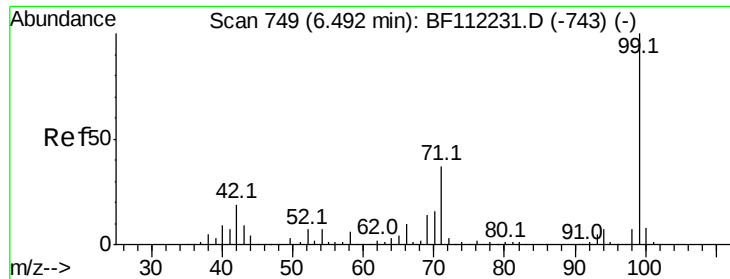
2-Fluorophenol
Concen: 140.829 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF112282.D
Acq: 28 Jan 2019 18:43

Tgt Ion:112 Resp: 1370247
Ion Ratio Lower Upper
112 100
64 53.9 45.7 68.5
63 29.2 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: 117.930 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112282.D

Acq: 28 Jan 2019 18:43

Instrument :

BNA_F

ClientSampleId :

RBR200036

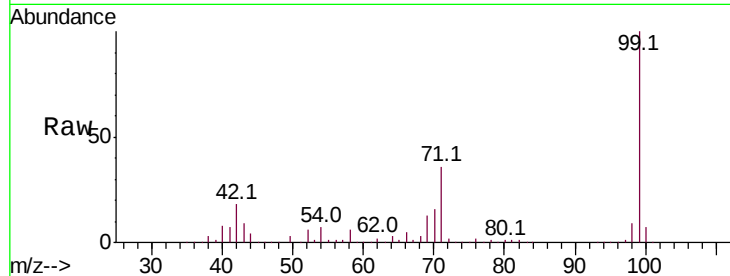
Tot Ion: 99 Resp: 1594423

Ion Ratio Lower Upper

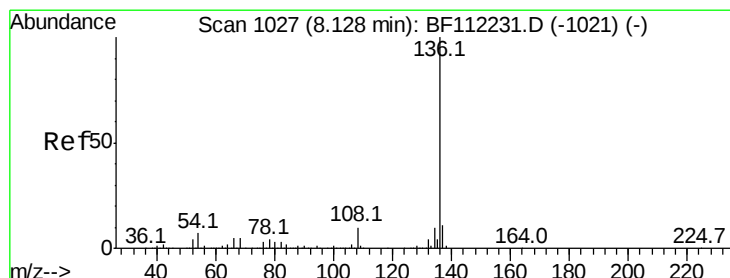
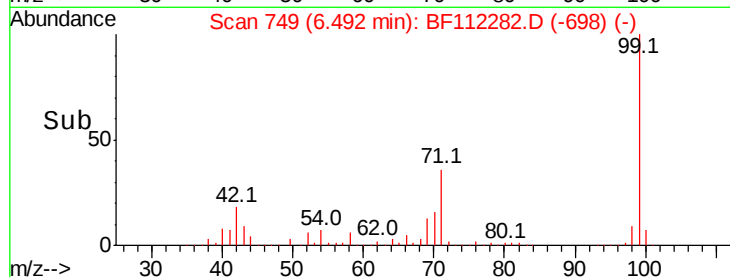
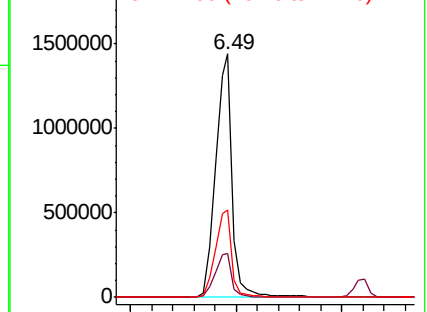
99 100

42 17.8 15.1 22.7

71 35.9 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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112282.D

Acq: 28 Jan 2019 18:43

Tgt Ion: 136 Resp: 810363

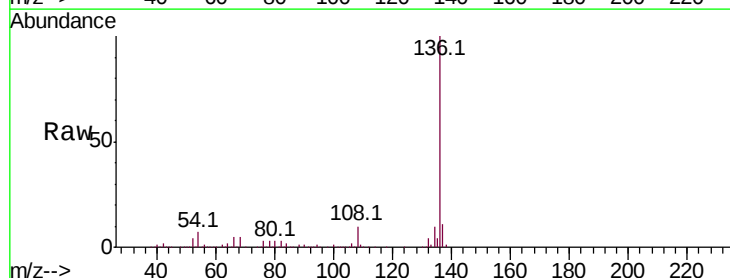
Ion Ratio Lower Upper

136 100

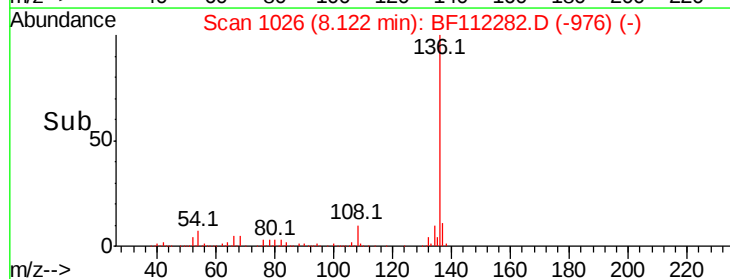
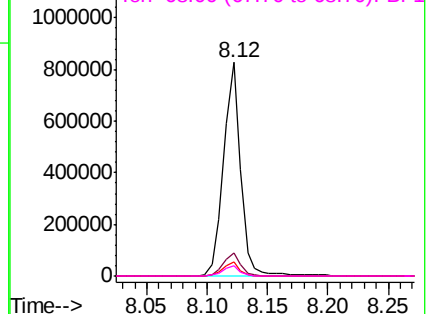
137 10.9 9.1 13.7

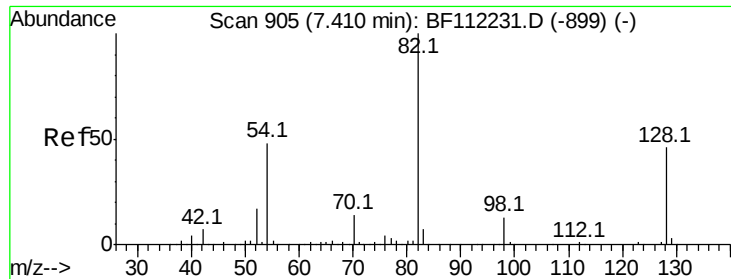
54 6.6 5.9 8.9

68 4.6 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

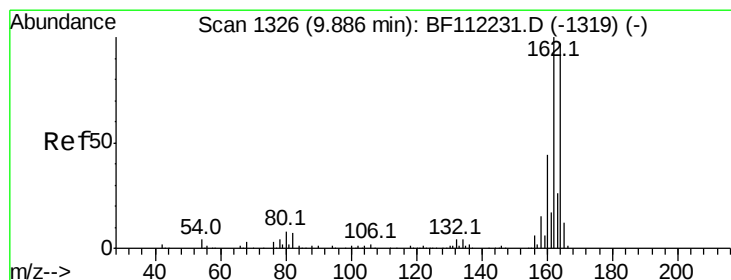
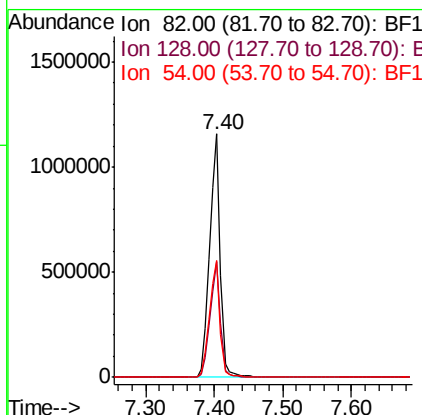
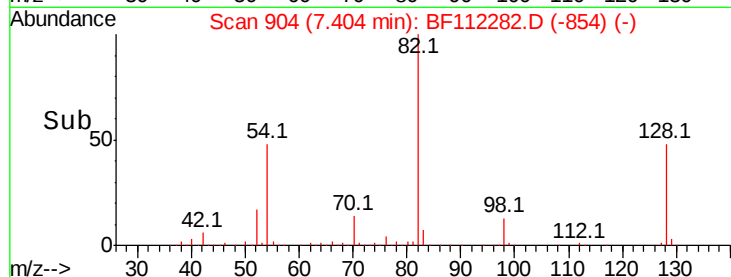
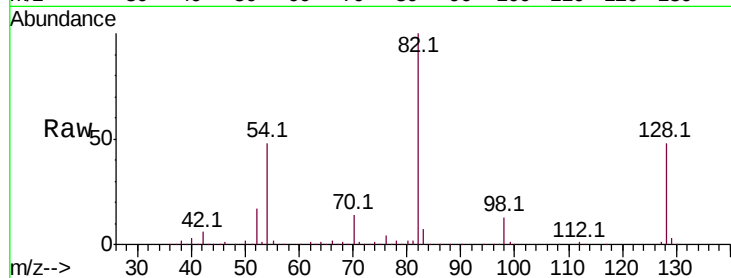




#23
Nitrobenzene-d5
Concen: 89.499 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112282.D
Acq: 28 Jan 2019 18:43

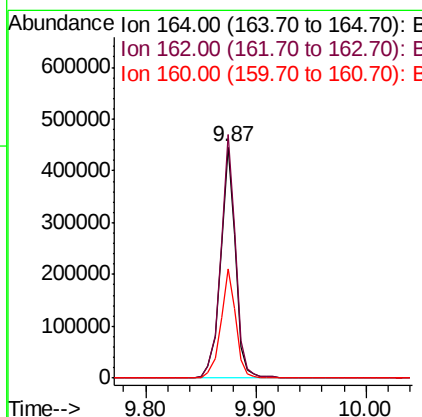
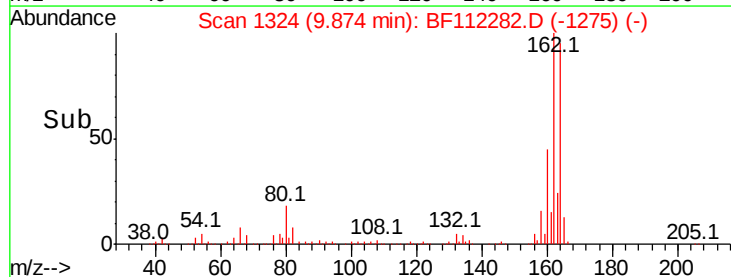
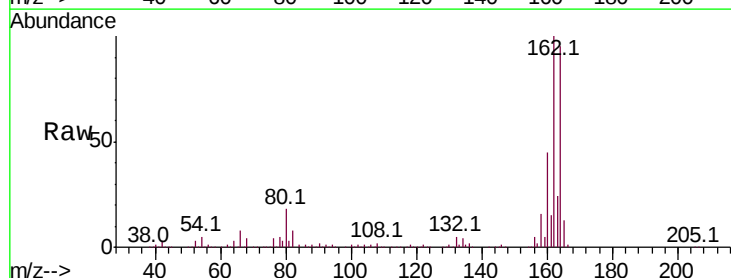
Instrument :
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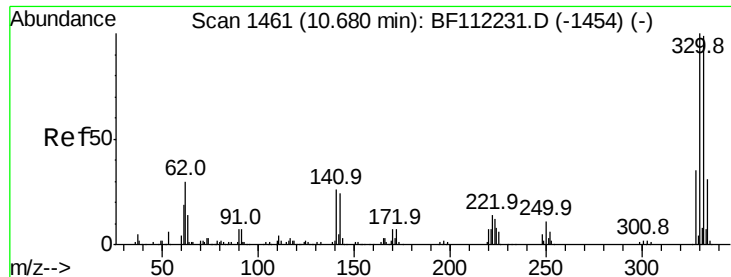
Tot Ion: 82 Resp: 1258706
Ion Ratio Lower Upper
82 100
128 47.5 37.8 56.8
54 47.9 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112282.D
Acq: 28 Jan 2019 18:43

Tgt Ion:164 Resp: 417736
Ion Ratio Lower Upper
164 100
162 105.4 82.2 123.4
160 47.3 36.2 54.4

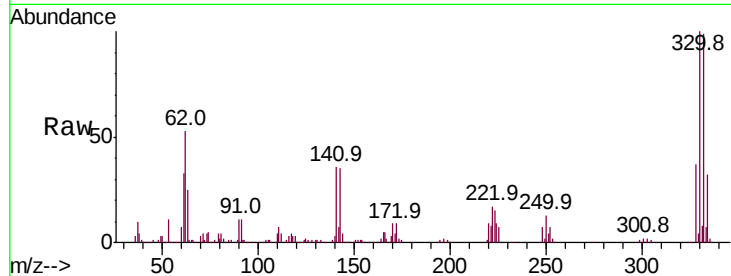




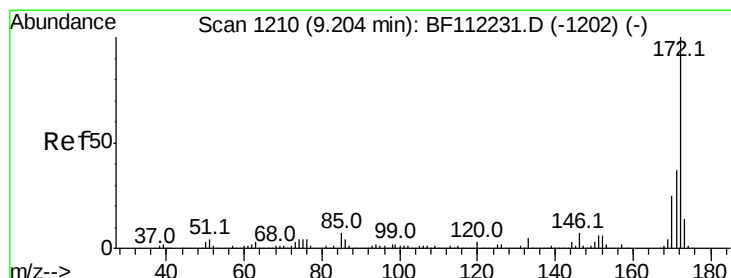
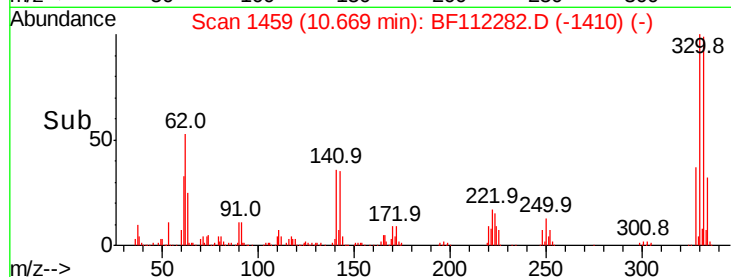
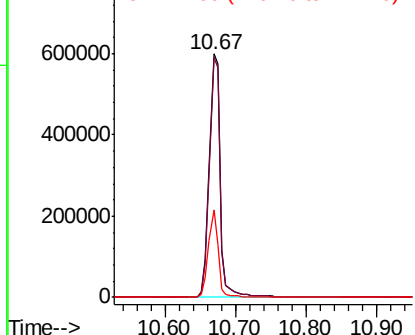
#42
 2,4,6-Tribromophenol
 Concen: 133.851 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112282.D
 Acq: 28 Jan 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Tot Ion:330 Resp: 650827
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 32.6 24.3 36.5

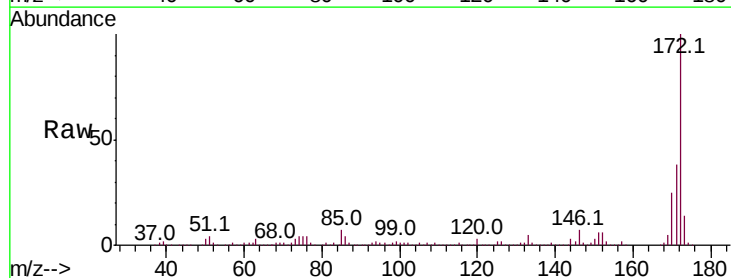


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

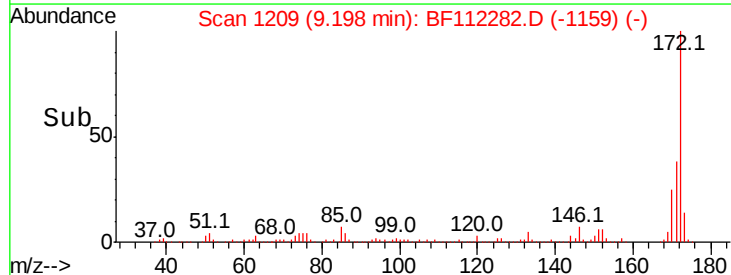
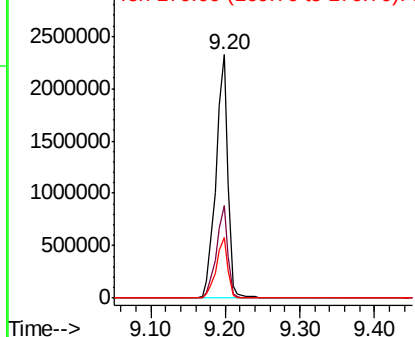


#45
 2-Fluorobiphenyl
 Concen: 86.379 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112282.D
 Acq: 28 Jan 2019 18:43

Tgt Ion:172 Resp: 2551274
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.5 45.7
 170 24.9 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

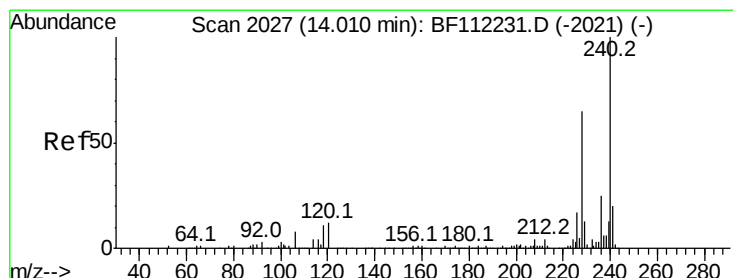
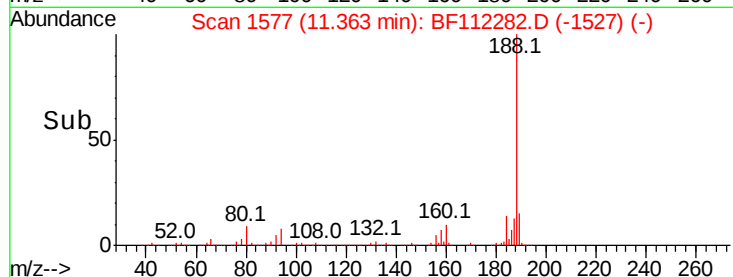
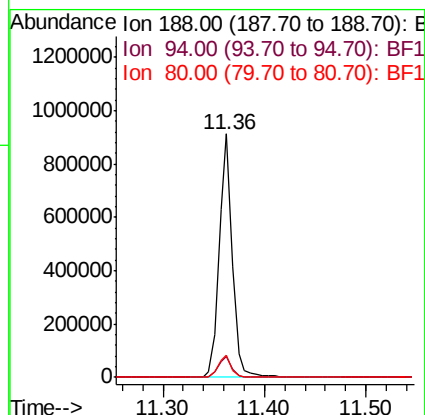
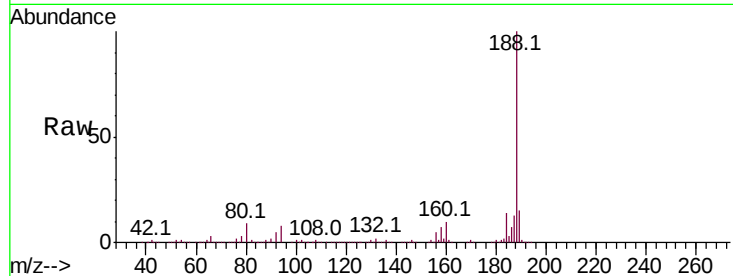




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112282.D
Acq: 28 Jan 2019 18:43

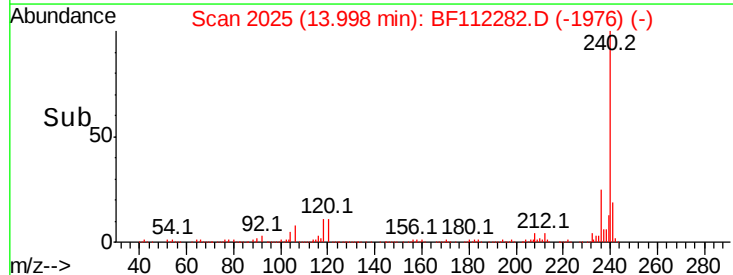
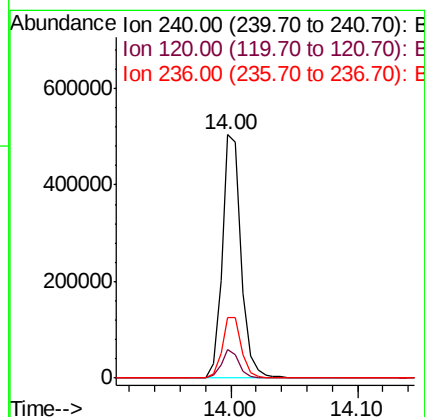
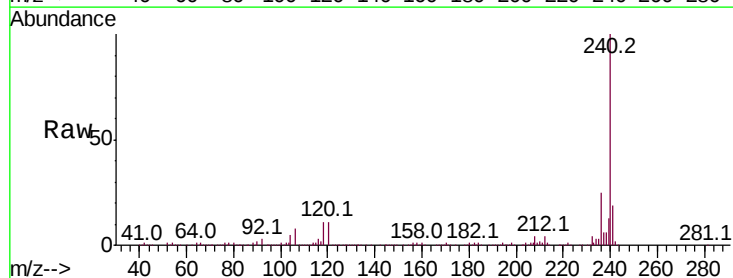
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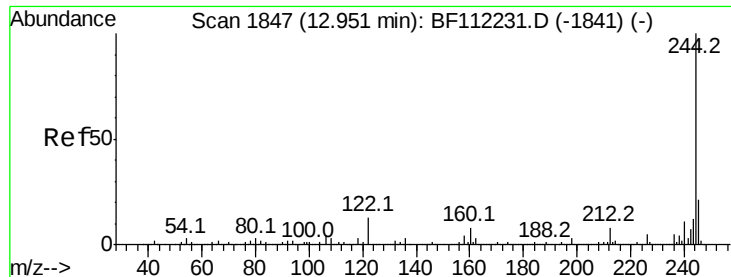
Tot Ion:188 Resp: 815132
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112282.D
Acq: 28 Jan 2019 18:43

Tgt Ion:240 Resp: 525519
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 24.8 20.7 31.1

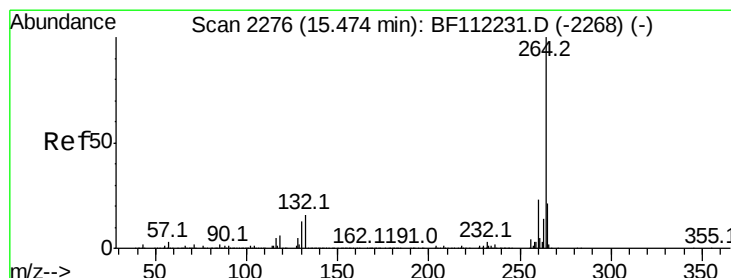
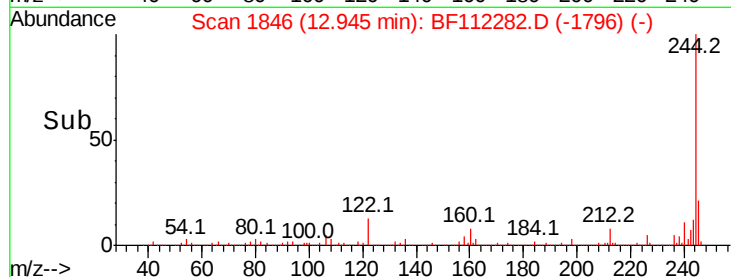
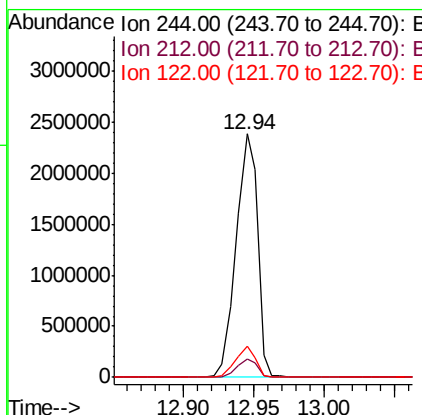
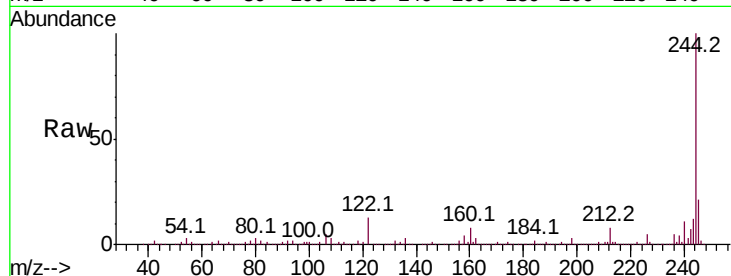




#79
 Terphenyl-d14
 Concen: 90.445 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112282.D
 Acq: 28 Jan 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Tot Ion:244 Resp: 2523587
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 13.0 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112282.D
 Acq: 28 Jan 2019 18:43

Tgt Ion:264 Resp: 415682
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 20.7 17.0 25.4

