

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112469.D
 Acq On : 8 Feb 2019 19:36
 Operator : JU/SJ
 Sample : K1349-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-020719-A

Quant Time: Feb 09 06:07:22 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	6.83	152	142883	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	535337	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	254354	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	443138	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	290552	20.00	ng	0.00
87) Perylene-d12	15.47	264	294191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1005017	149.40	ng	0.00
7) Phenol-d6	6.49	99	1140312	121.99	ng	0.00
23) Nitrobenzene-d5	7.40	82	862302	92.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	326185	110.17	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1638387	91.10	ng	-0.01
79) Terphenyl-d14	12.94	244	1456961	94.44	ng	-0.01

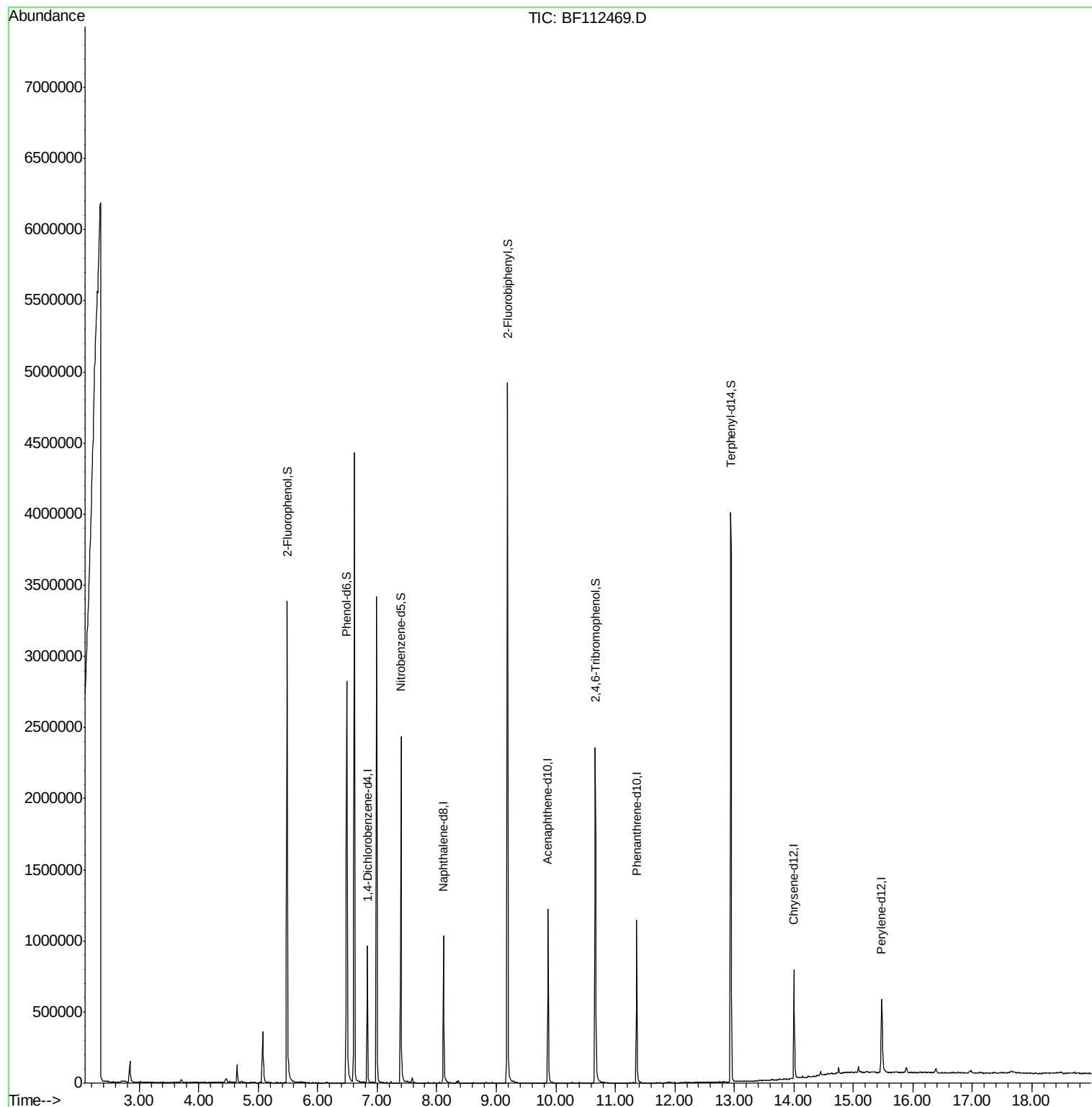
Target Compounds Qvalue

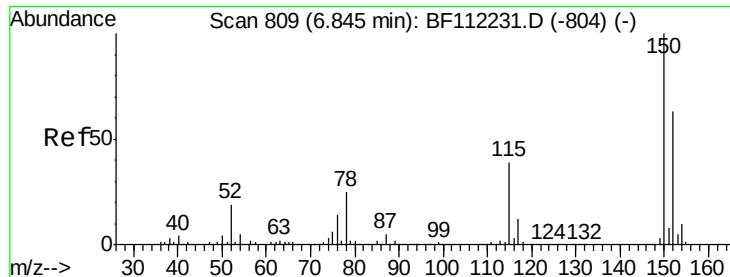
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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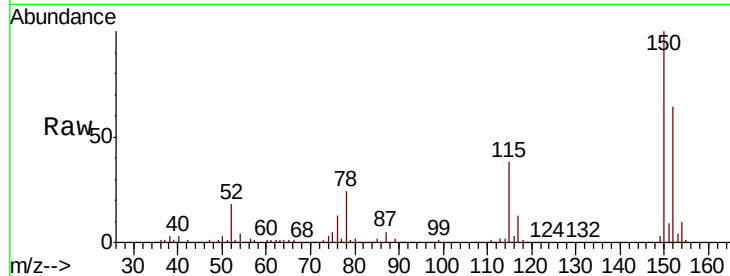


#1

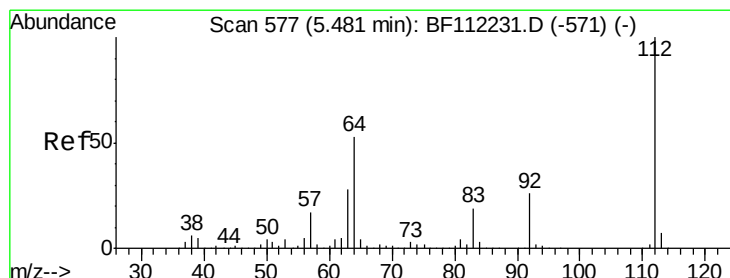
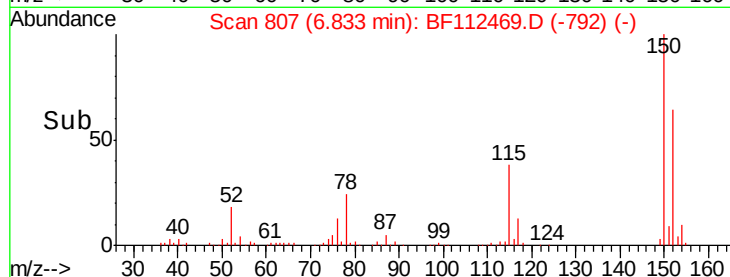
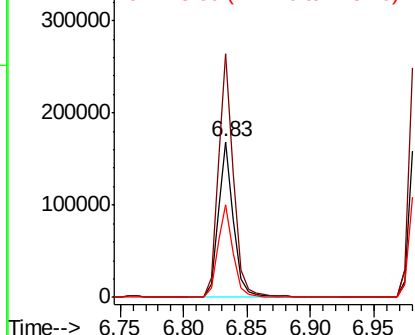
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112469.D
Acq: 8 Feb 2019 19:36

Instrument :
BNA_F
ClientSampleId :
OR-03-020719-A

Tot Ion:152 Resp: 142883
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.0
115 59.6 45.5 68.3



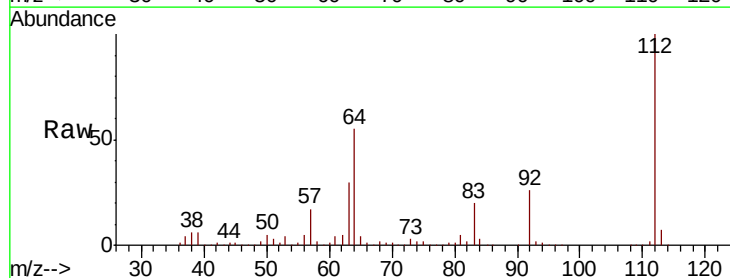
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



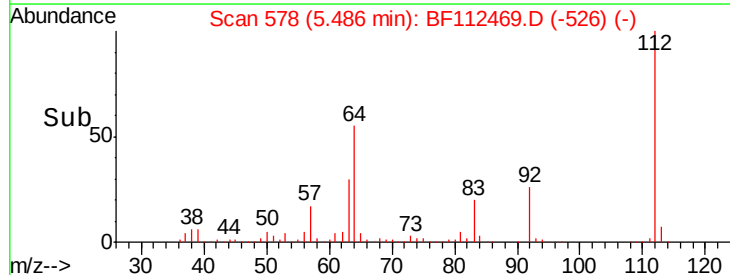
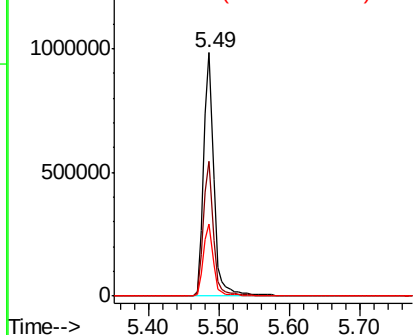
#5

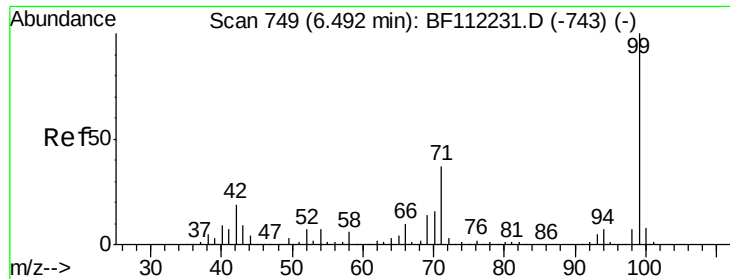
2-Fluorophenol
Concen: 149.403 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112469.D
Acq: 8 Feb 2019 19:36

Tgt Ion:112 Resp: 1005017
Ion Ratio Lower Upper
112 100
64 55.2 45.7 68.5
63 29.7 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: 121.993 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112469.D

Acq: 8 Feb 2019 19:36

Instrument :

BNA_F

ClientSampleId :

OR-03-020719-A

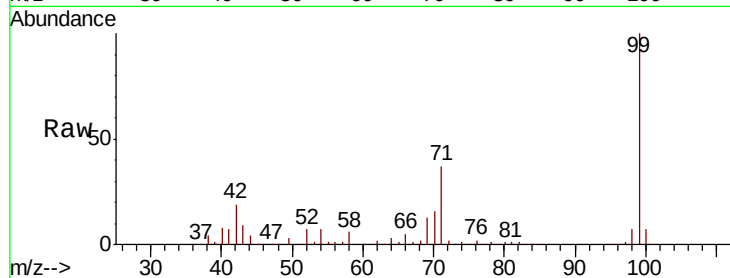
Tot Ion: 99 Resp: 1140312

Ion Ratio Lower Upper

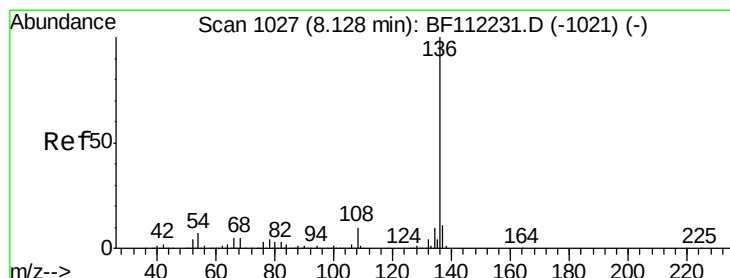
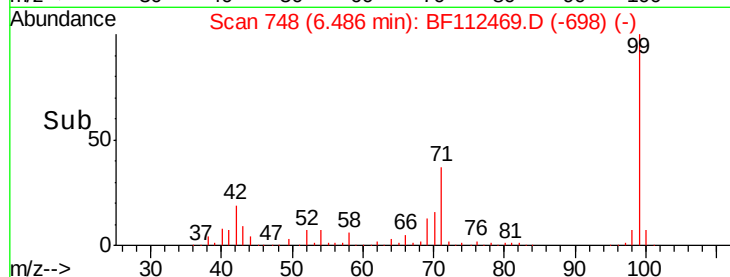
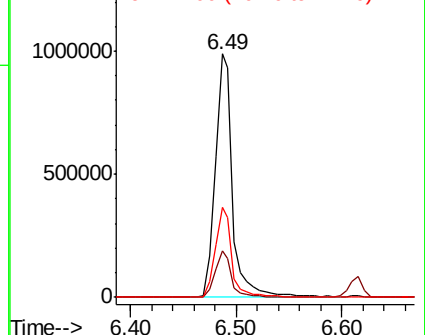
99 100

42 19.3 15.1 22.7

71 37.0 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# 1025

Delta R.T. -0.01 min

Lab File: BF112469.D

Acq: 8 Feb 2019 19:36

Tgt Ion: 136 Resp: 535337

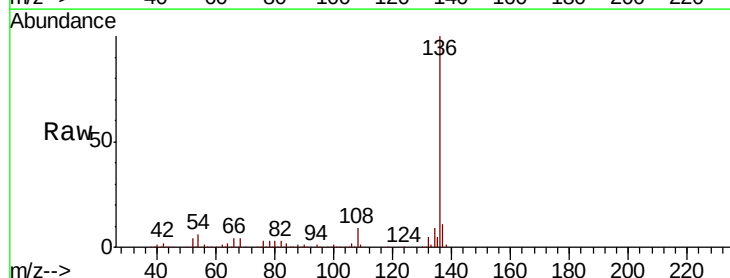
Ion Ratio Lower Upper

136 100

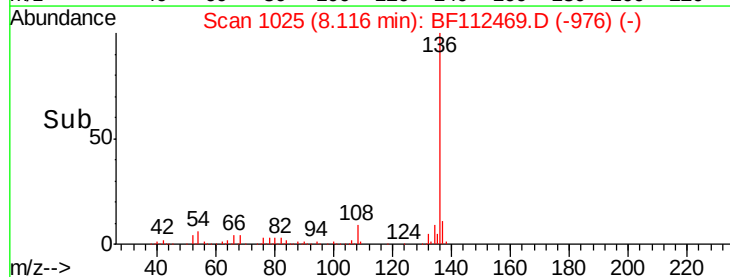
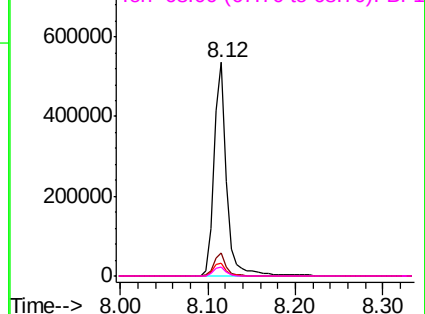
137 10.8 9.1 13.7

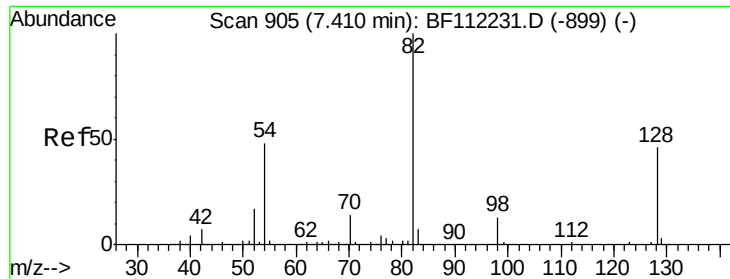
54 6.1 5.9 8.9

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

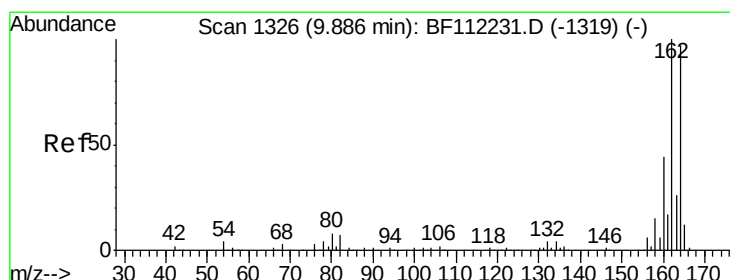
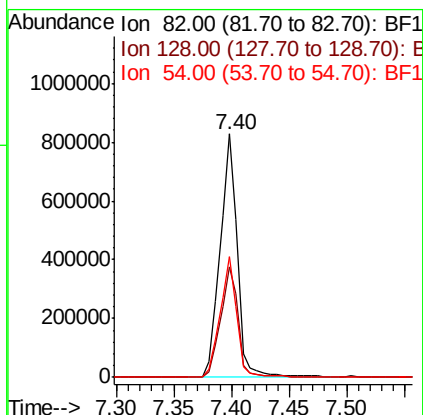
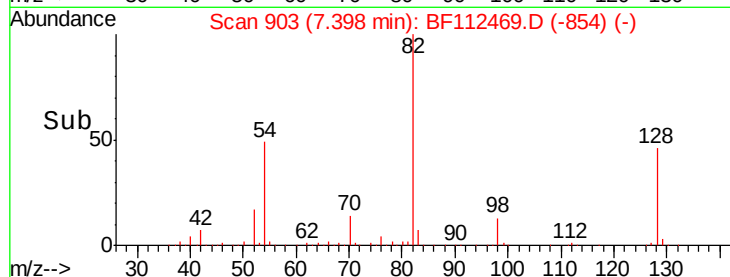
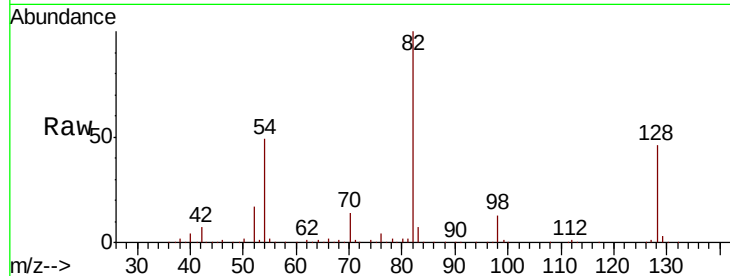




#23
 Nitrobenzene-d5
 Concen: 92.812 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112469.D
 Acq: 8 Feb 2019 19:36

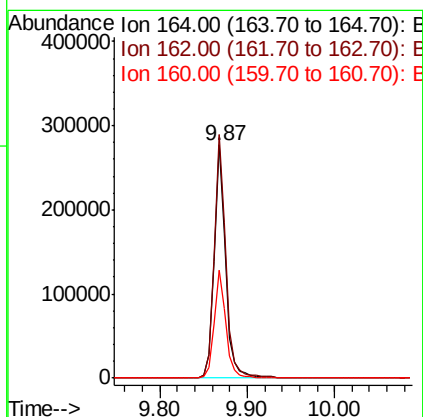
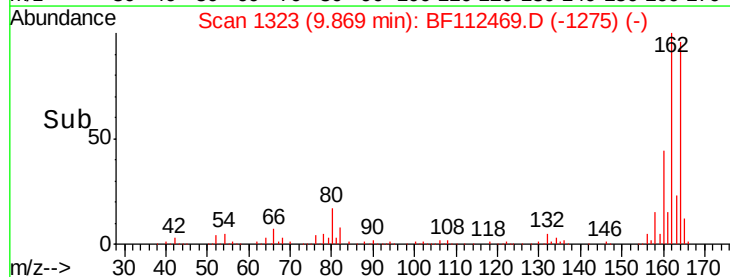
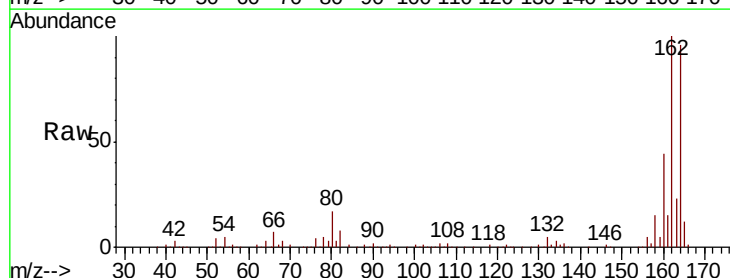
Instrument :
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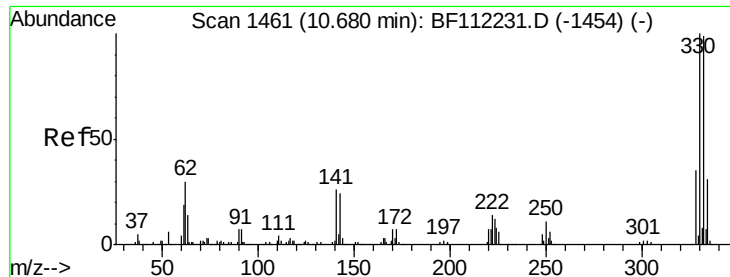
Tot Ion: 82 Resp: 862302
 Ion Ratio Lower Upper
 82 100
 128 45.6 37.8 56.8
 54 49.4 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112469.D
 Acq: 8 Feb 2019 19:36

Tgt Ion:164 Resp: 254354
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.2 123.4
 160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 110.175 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112469.D

Acq: 8 Feb 2019 19:36

Instrument :

BNA_F

ClientSampleId :

OR-03-020719-A

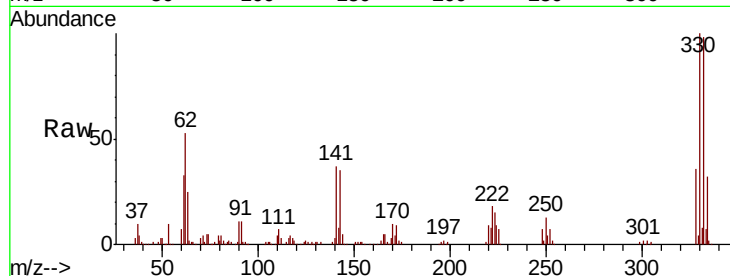
Tot Ion:330 Resp: 326185

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

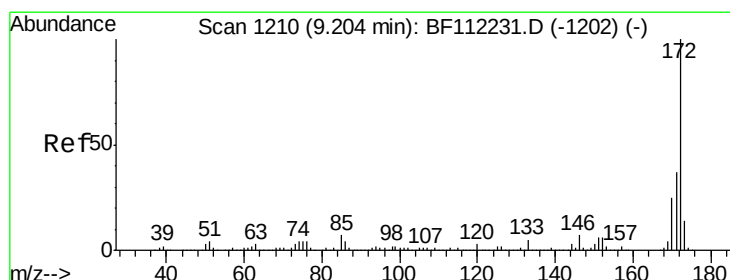
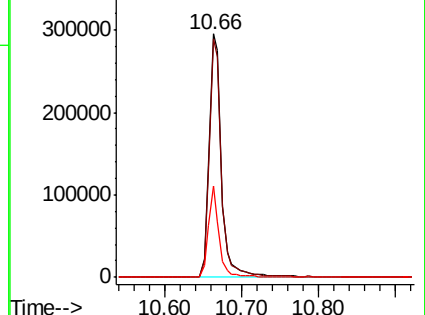
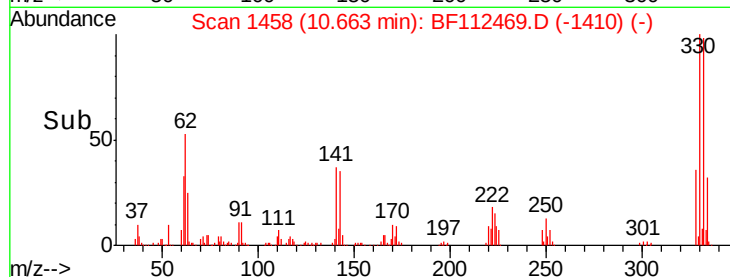
141 33.1 24.3 36.5



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: 91.103 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112469.D

Acq: 8 Feb 2019 19:36

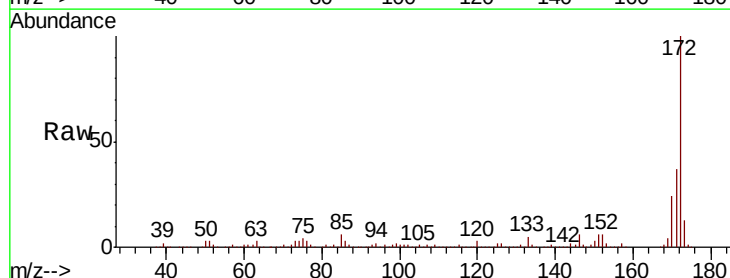
Tgt Ion:172 Resp: 1638387

Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

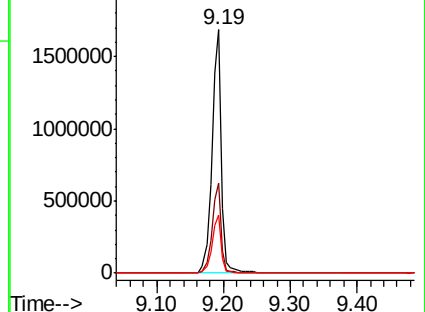
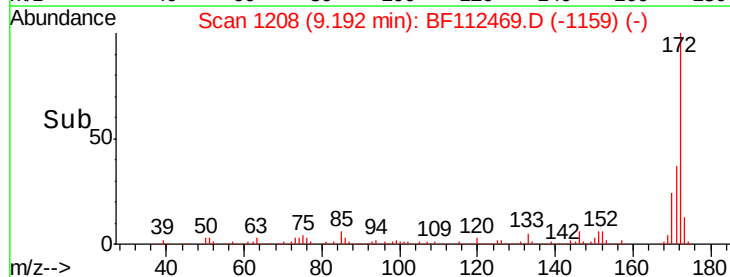
170 23.9 20.2 30.4

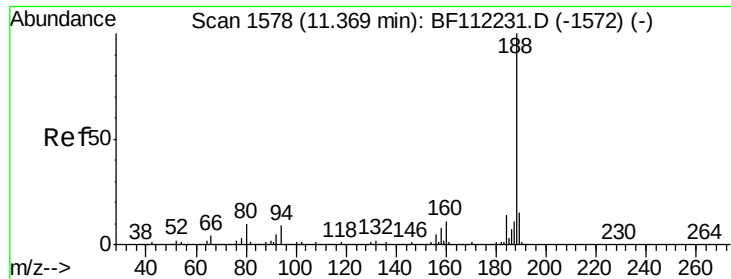


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

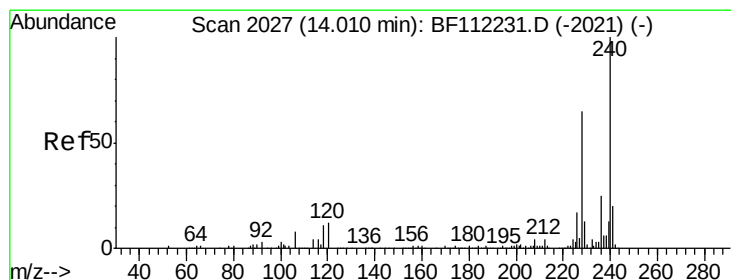
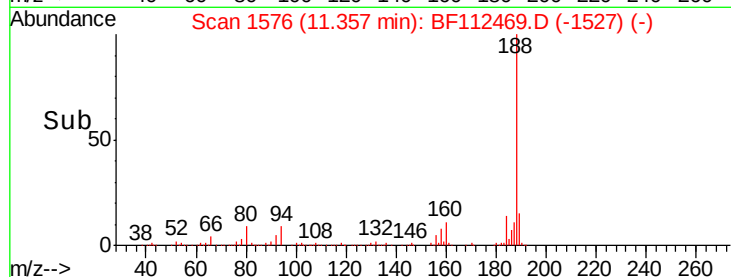
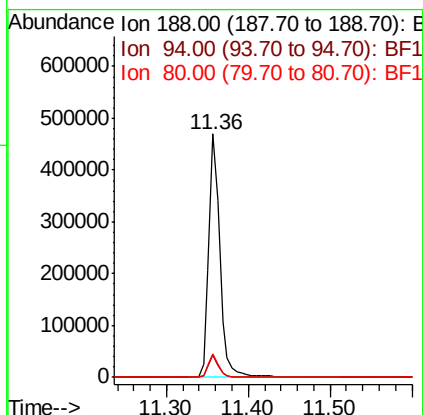
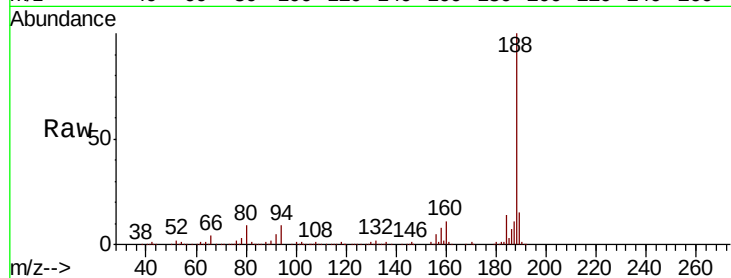




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112469.D
Acq: 8 Feb 2019 19:36

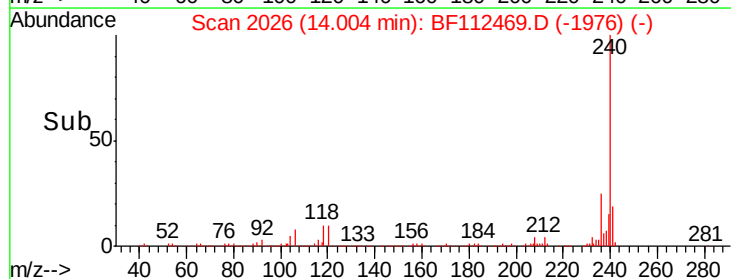
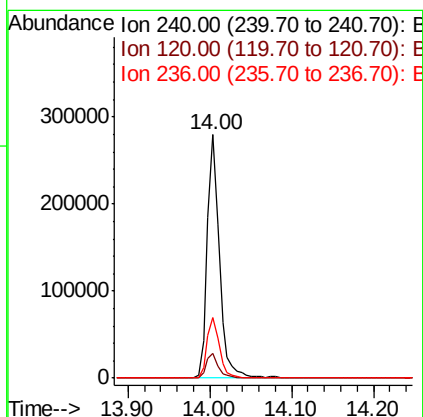
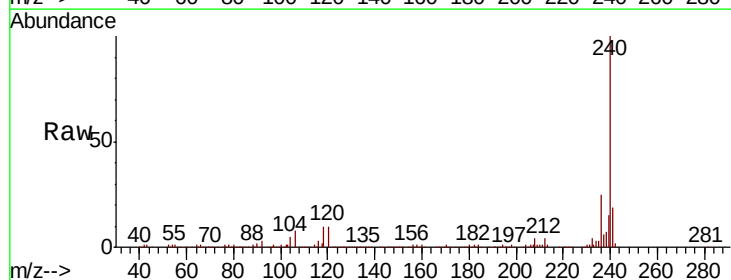
Instrument :
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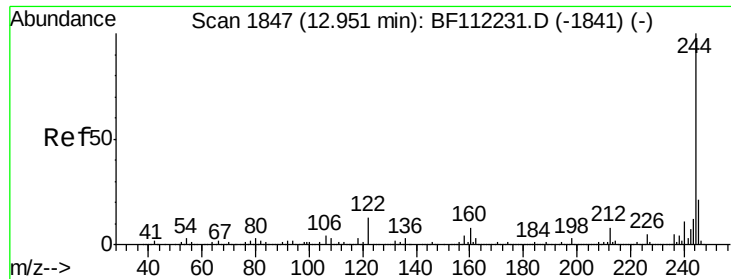
Tot Ion:188 Resp: 443138
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112469.D
Acq: 8 Feb 2019 19:36

Tgt Ion:240 Resp: 290552
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.6
236 25.0 20.7 31.1

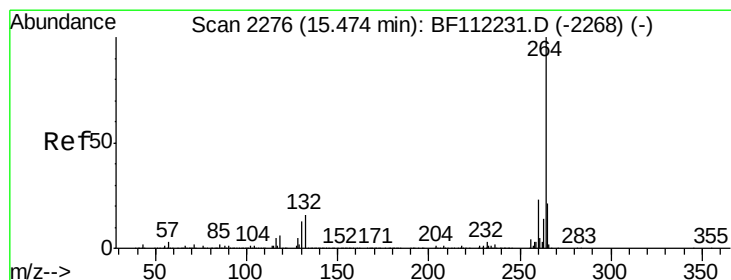
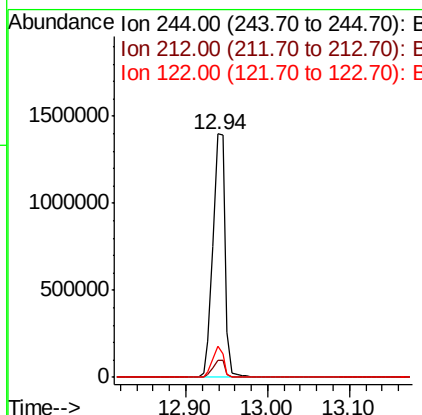
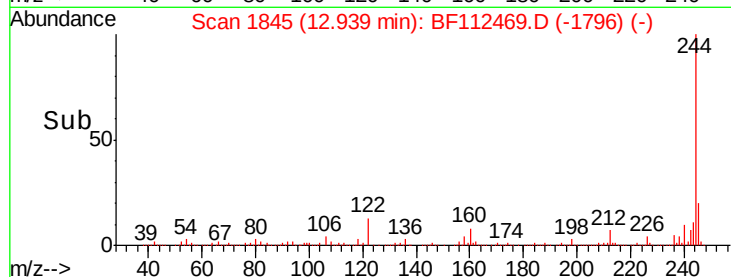
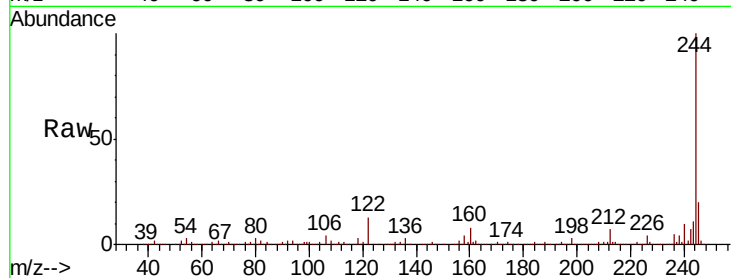




#79
 Terphenyl-d14
 Concen: 94.445 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112469.D
 Acq: 8 Feb 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-020719-A

Tot Ion:244 Resp: 1456961
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.5 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BF112469.D
 Acq: 8 Feb 2019 19:36

Tgt Ion:264 Resp: 294191
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 21.4 17.0 25.4

