

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112367.D
 Acq On : 1 Feb 2019 22:27
 Operator : JU/SJ
 Sample : PB116745BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BL

Quant Time: Feb 02 00:10:17 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	158709	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	606560	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	290855	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	506758	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	338474	20.00	ng	0.00
87) Perylene-d12	15.47	264	334472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	639574	85.60	ng	0.00
7) Phenol-d6	6.48	99	796953	76.76	ng	-0.01
23) Nitrobenzene-d5	7.40	82	750945	71.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	231534	68.39	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1576569	76.66	ng	-0.01
79) Terphenyl-d14	12.94	244	1221789	67.99	ng	-0.01

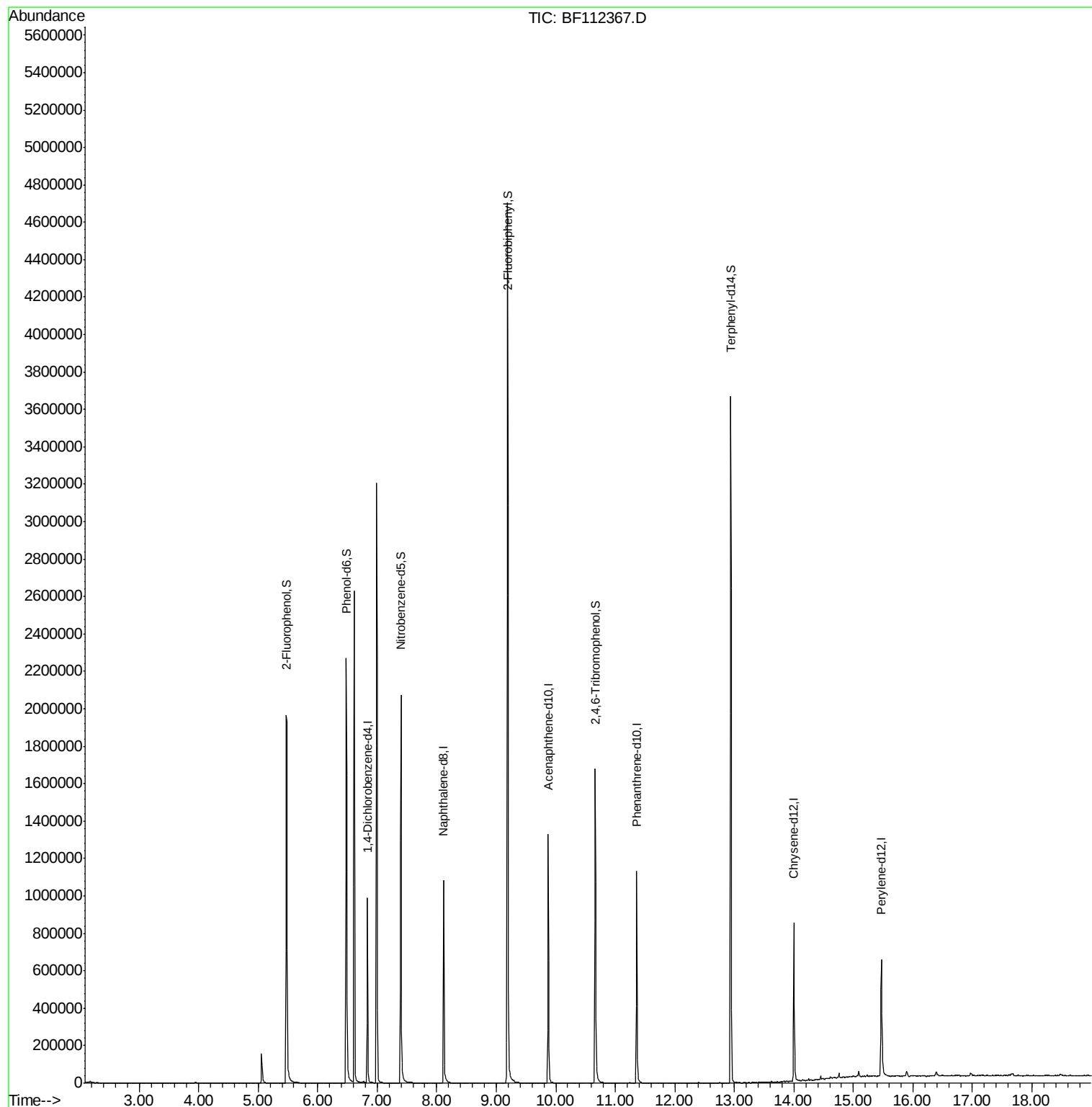
Target Compounds Qvalue

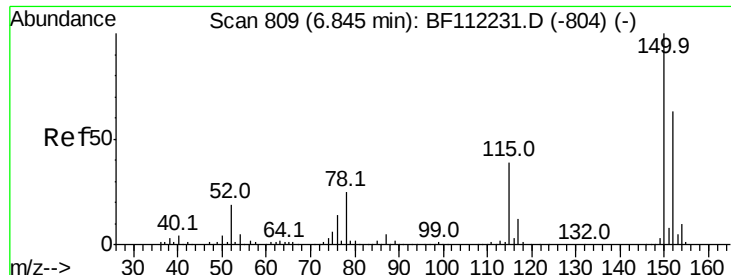
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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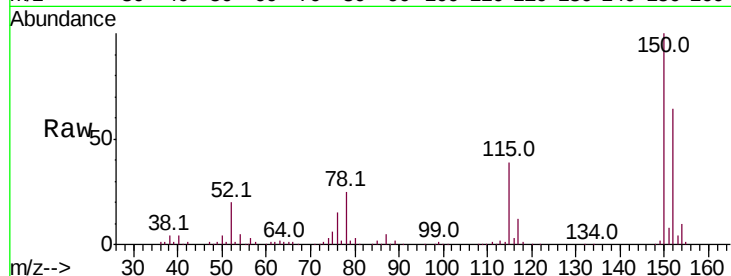


#1

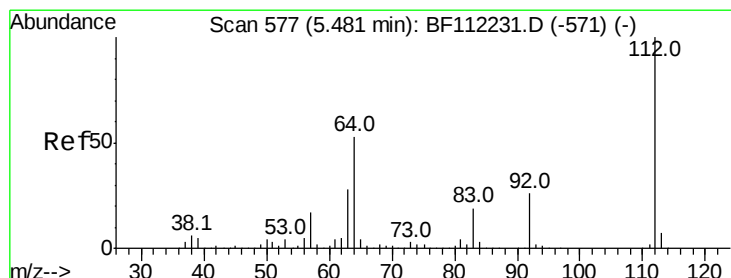
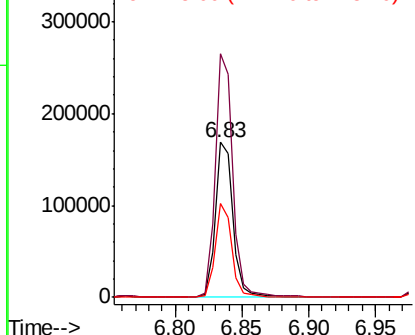
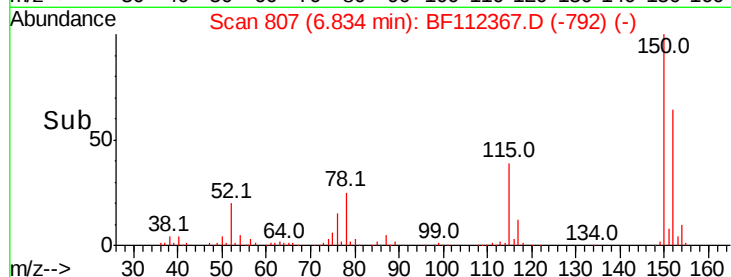
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112367.D
Acq: 1 Feb 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB116745BL

Tot Ion:152 Resp: 158709
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.0
115 61.0 45.5 68.3



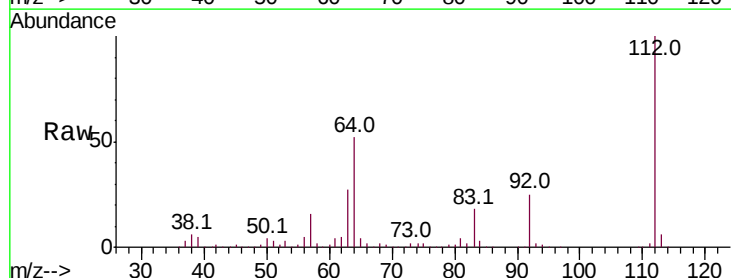
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



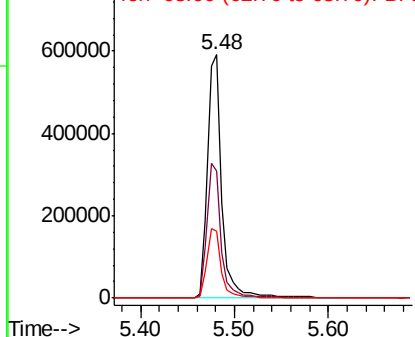
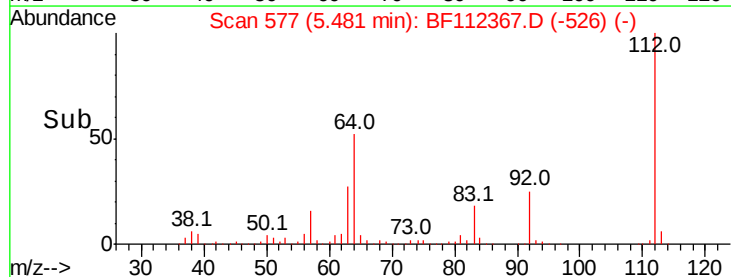
#5

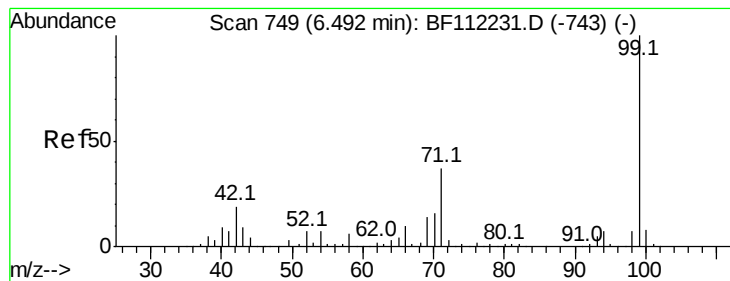
2-Fluorophenol
Concen: 85.597 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112367.D
Acq: 1 Feb 2019 22:27

Tgt Ion:112 Resp: 639574
Ion Ratio Lower Upper
112 100
64 52.1 45.7 68.5
63 27.5 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: 76.758 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB116745BL

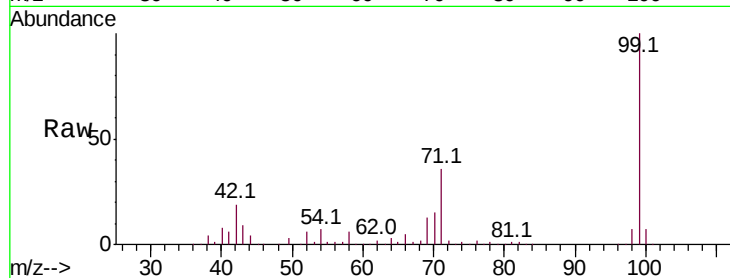
Tot Ion: 99 Resp: 796953

Ion Ratio Lower Upper

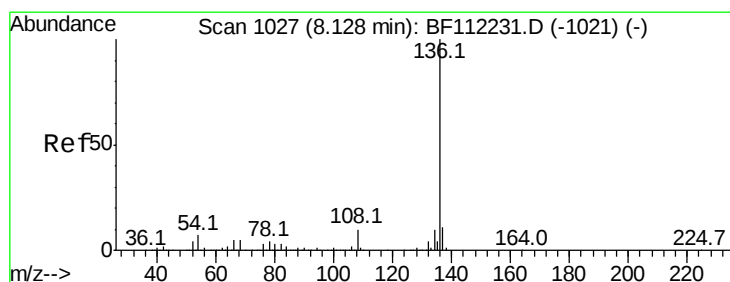
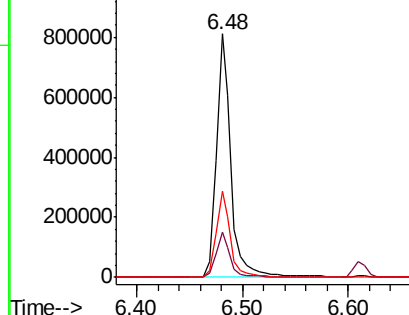
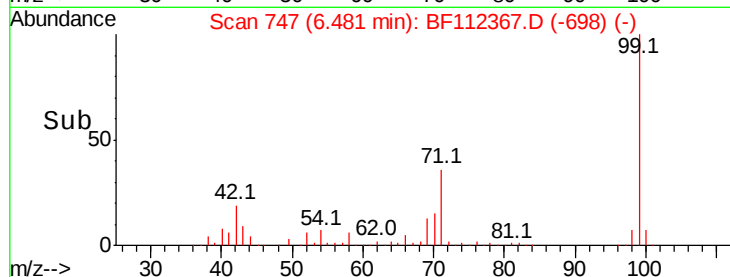
99 100

42 18.8 15.1 22.7

71 35.7 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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

Tgt Ion: 136 Resp: 606560

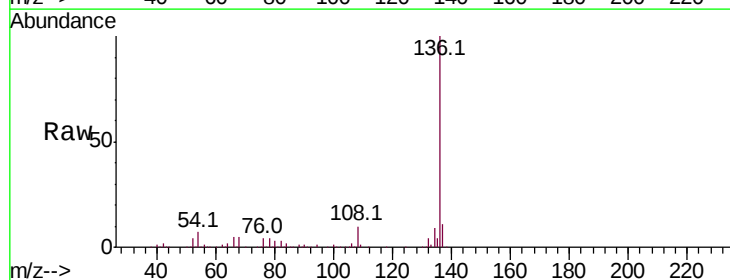
Ion Ratio Lower Upper

136 100

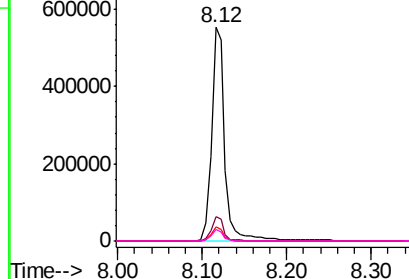
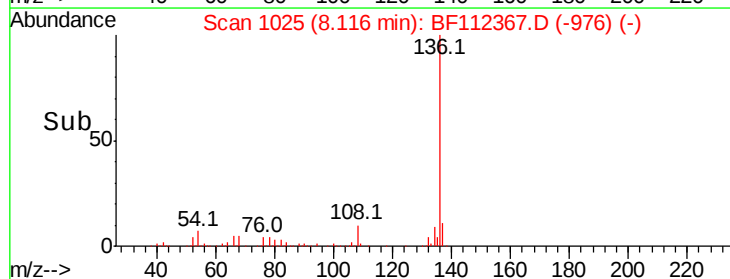
137 11.2 9.1 13.7

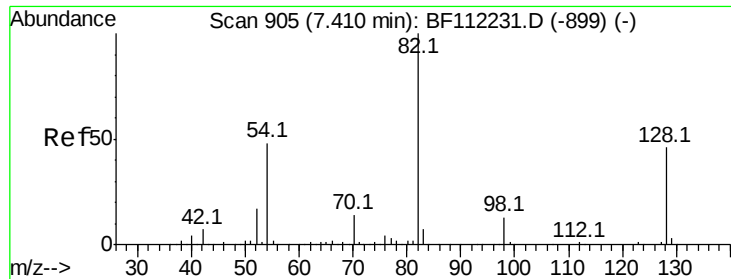
54 6.6 5.9 8.9

68 5.2 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

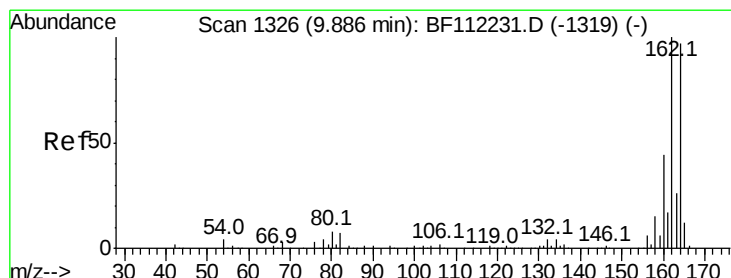
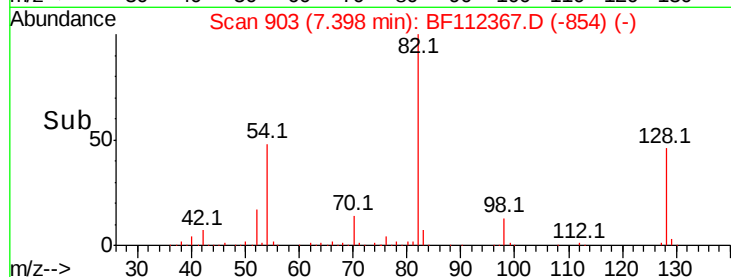
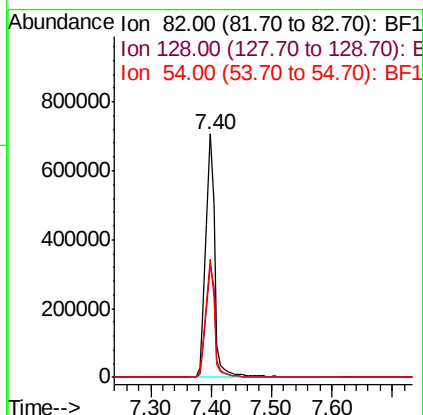
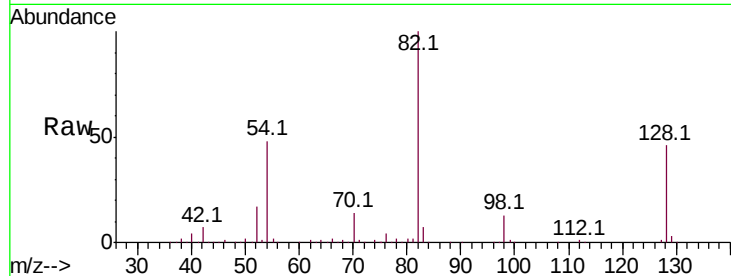




#23
 Nitrobenzene-d5
 Concen: 71.336 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112367.D
 Acq: 1 Feb 2019 22:27

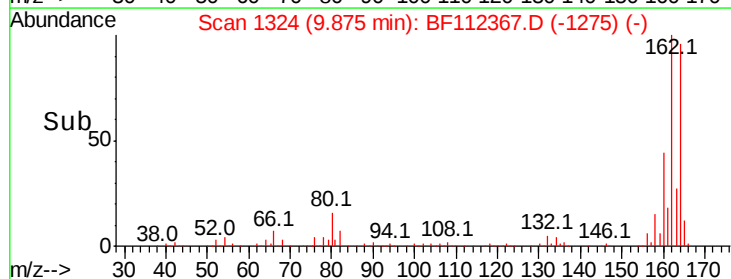
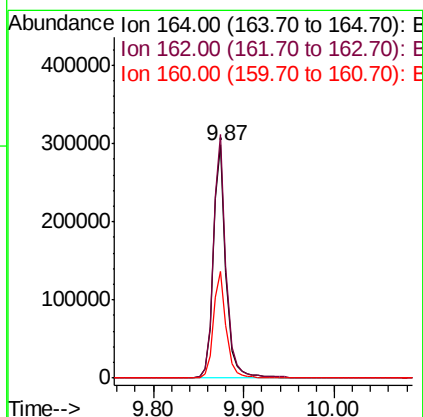
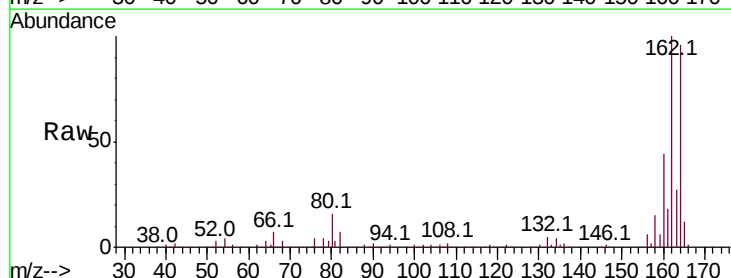
Instrument :
 BNA_F
 ClientSampleId :
 PB116745BL

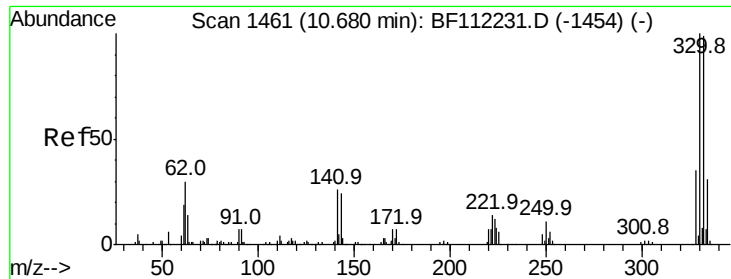
Tot Ion	82	Resp	750945
Ion Ratio	100	Lower	Upper
128	46.0	37.8	56.8
54	48.3	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112367.D
 Acq: 1 Feb 2019 22:27

Tgt Ion	164	Resp	290855
Ion Ratio	100	Lower	Upper
162	104.5	82.2	123.4
160	45.6	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 68.390 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB116745BL

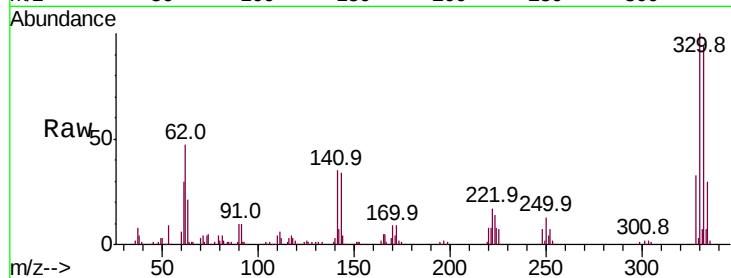
Tot Ion:330 Resp: 231534

Ion Ratio Lower Upper

330 100

332 95.5 76.6 114.8

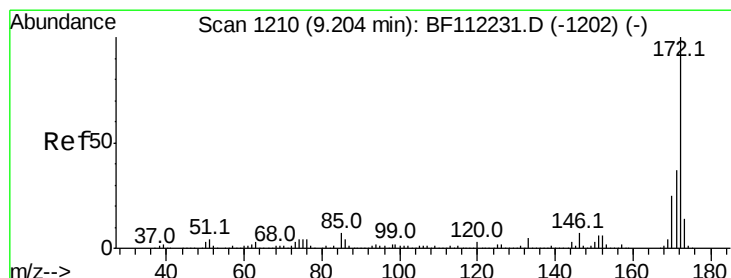
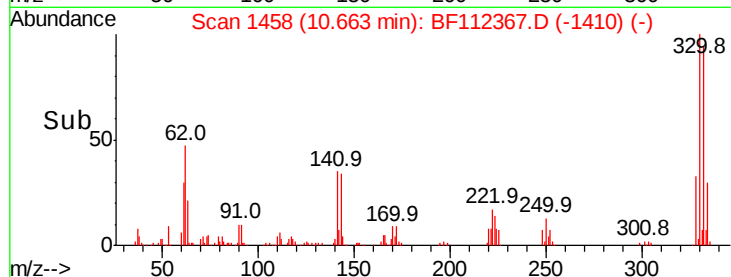
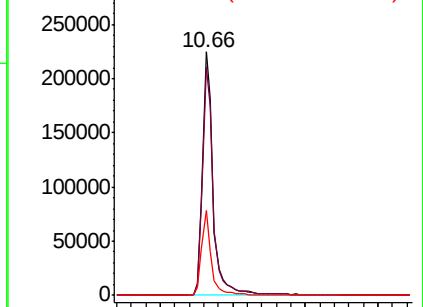
141 31.9 24.3 36.5



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: 76.664 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

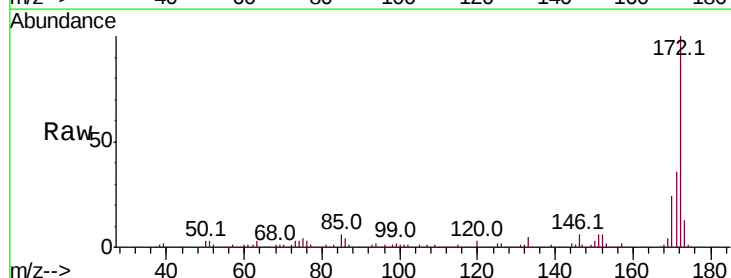
Tgt Ion:172 Resp: 1576569

Ion Ratio Lower Upper

172 100

171 35.8 30.5 45.7

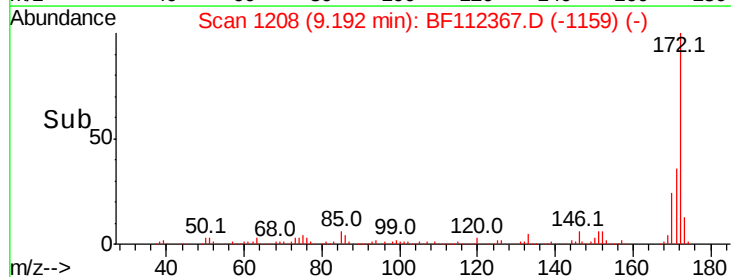
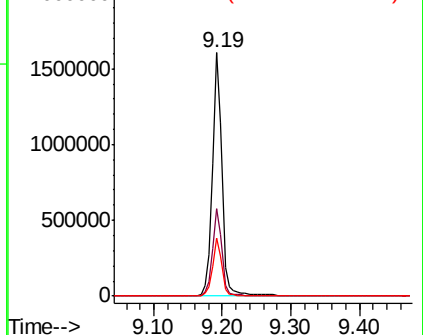
170 23.9 20.2 30.4

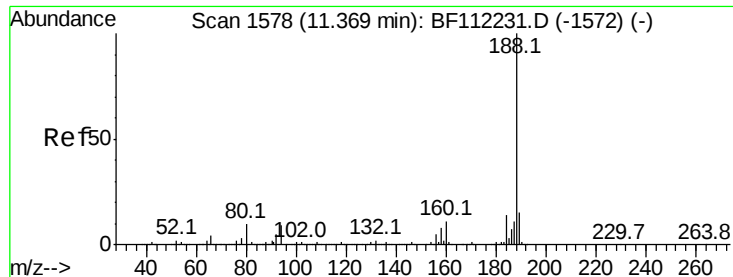


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF112367.D

Acq: 1 Feb 2019 22:27

Instrument :

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ClientSampleId :

PB116745BL

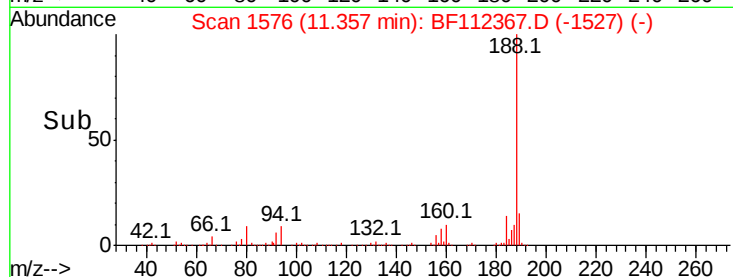
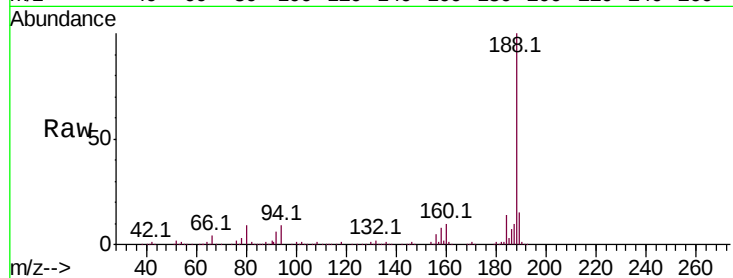
Tot Ion:188 Resp: 506758

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

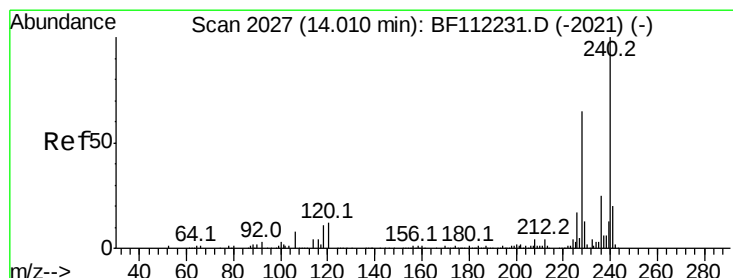
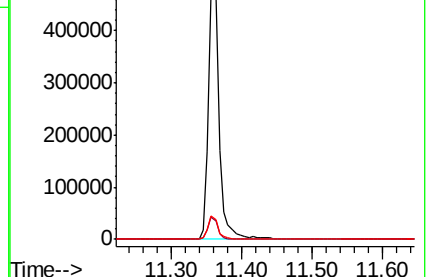
80 9.4 8.9 13.3



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112367.D

Acq: 1 Feb 2019 22:27

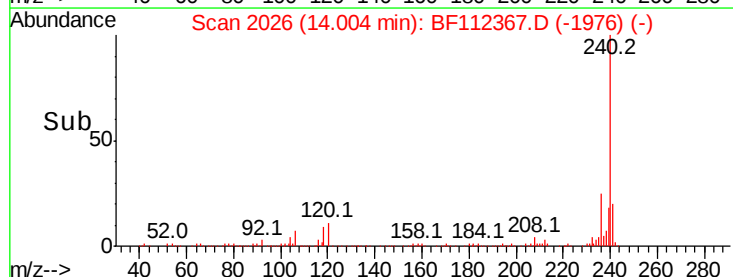
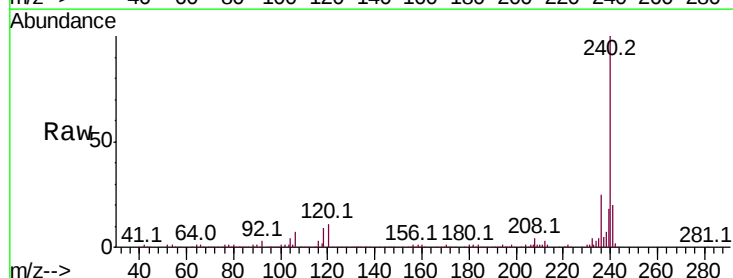
Tgt Ion:240 Resp: 338474

Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.6

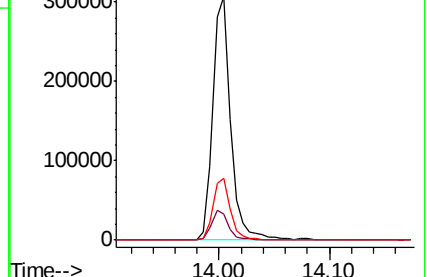
236 25.4 20.7 31.1

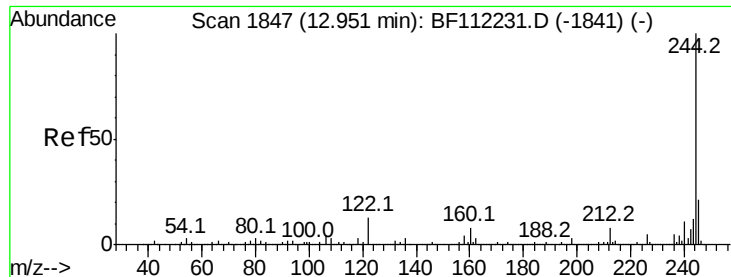


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

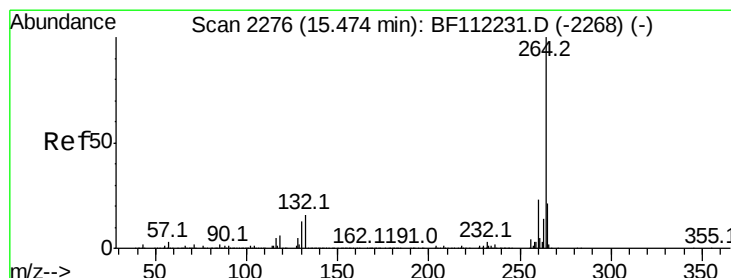
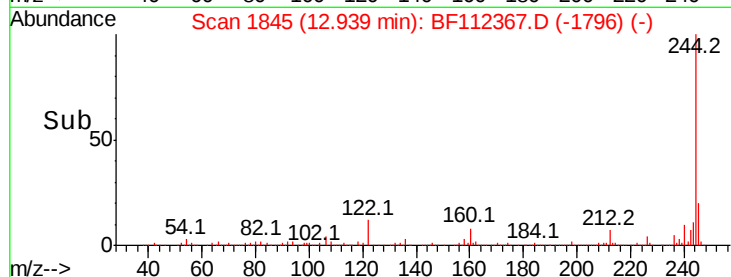
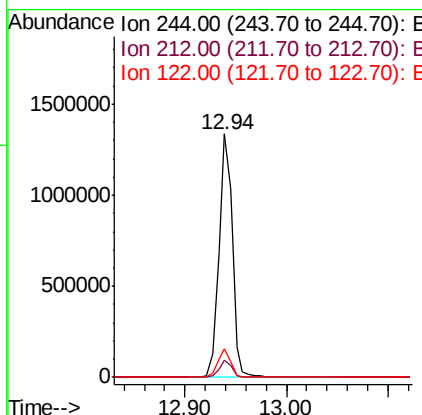
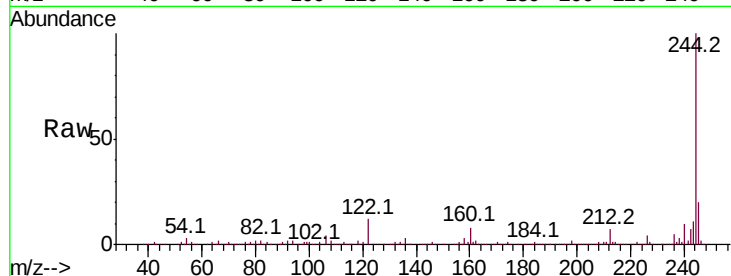




#79
 Terphenyl-d14
 Concen: 67.987 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112367.D
 Acq: 1 Feb 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB116745BL

Tot Ion:244 Resp: 1221789
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.8 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: BF112367.D
 Acq: 1 Feb 2019 22:27

Tgt Ion:264 Resp: 334472
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 21.3 17.0 25.4

