

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112385.D
 Acq On : 4 Feb 2019 17:33
 Operator : JU/SJ
 Sample : K1011-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-013119-B

Quant Time: Feb 05 01:16:40 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	140895	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	535162	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	258909	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	509709	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	452384	20.00	ng	-0.01
87) Perylene-d12	15.46	264	347273	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1049739	158.25	ng	0.00
7) Phenol-d6	6.48	99	1213968	131.71	ng	-0.01
23) Nitrobenzene-d5	7.39	82	891657	96.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	454921	150.95	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1757392	96.00	ng	-0.02
79) Terphenyl-d14	12.94	244	1989628	82.84	ng	-0.01

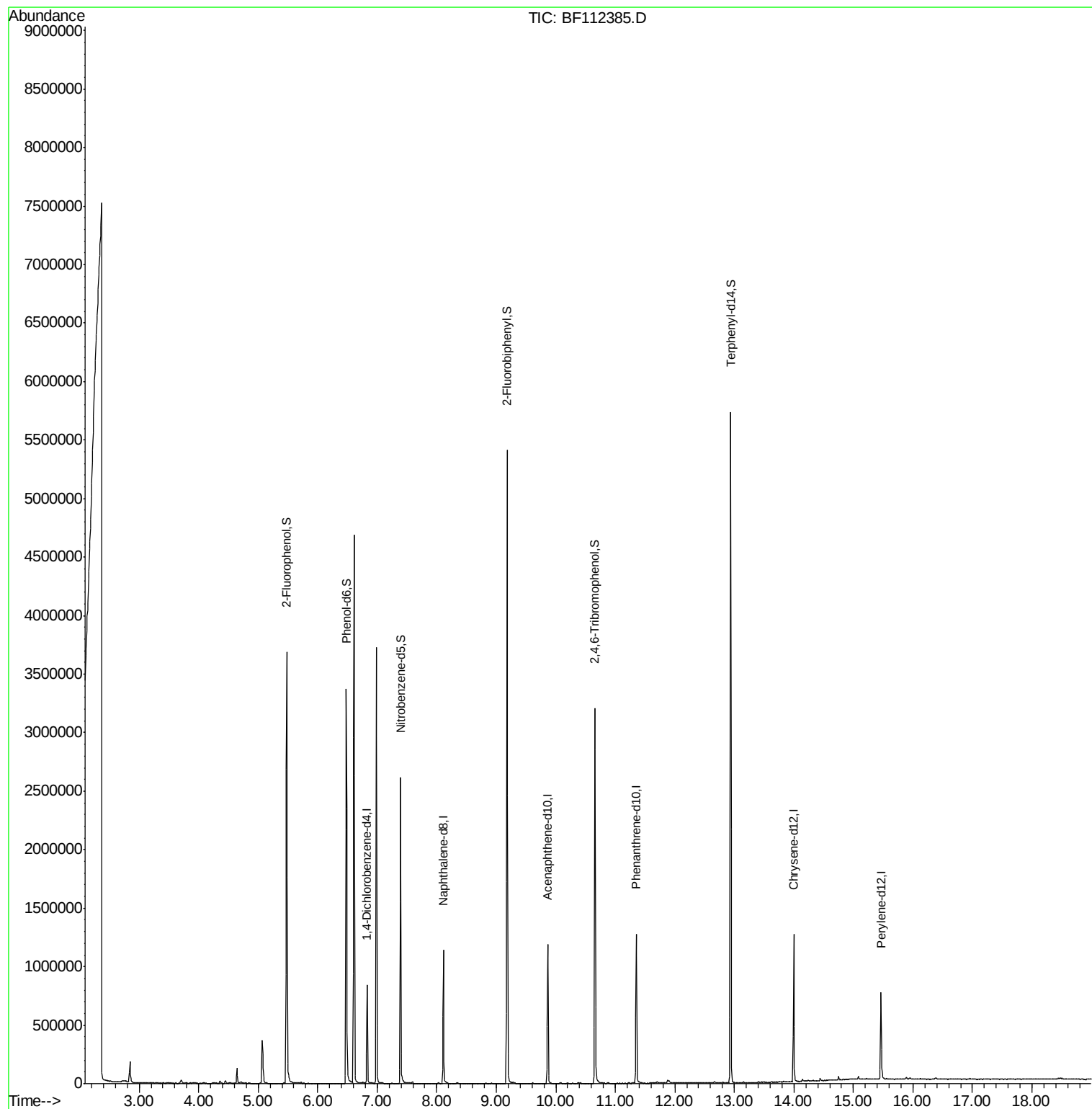
Target Compounds Qvalue

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

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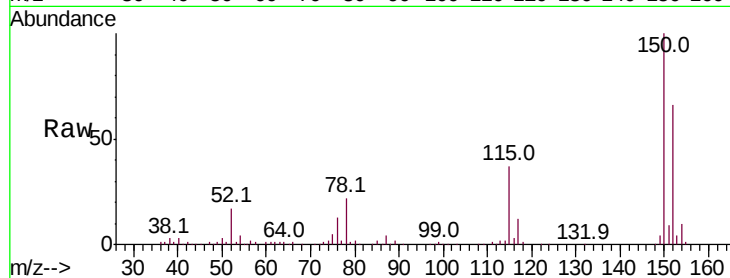


#1

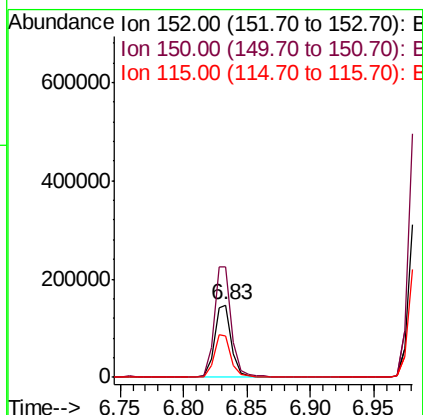
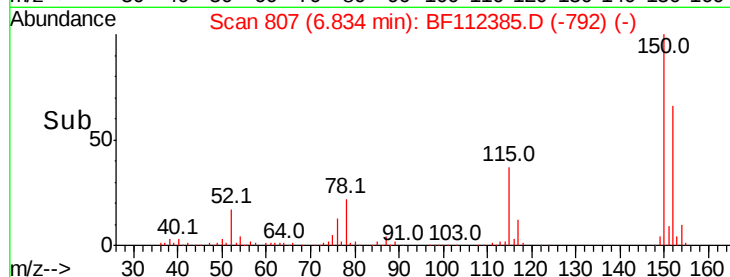
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112385.D
 Acq: 4 Feb 2019 17:33

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-013119-B

Tot Ion:152 Resp: 140895
 Ion Ratio Lower Upper
 152 100
 150 151.9 127.4 191.0
 115 56.9 45.5 68.3



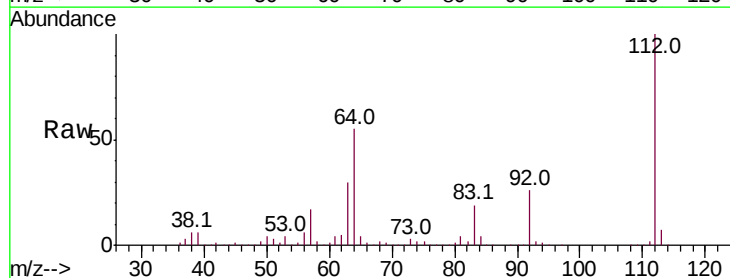
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



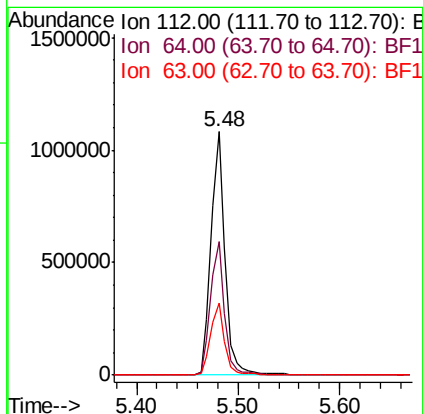
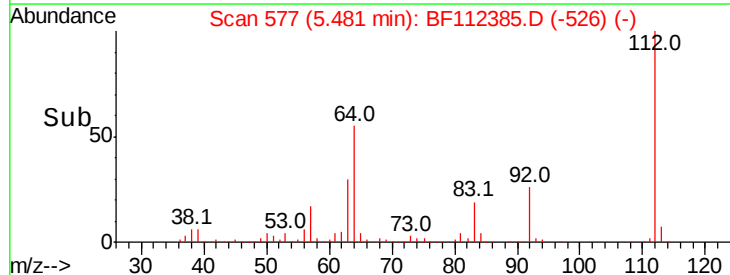
#5

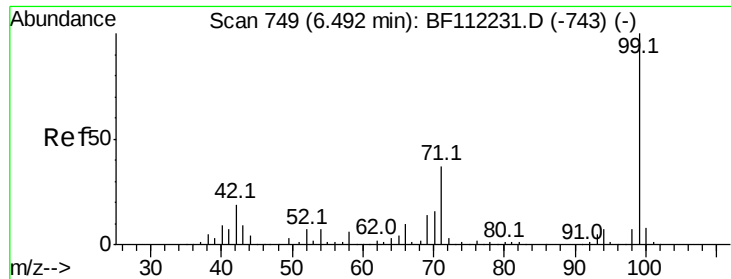
2-Fluorophenol
 Concen: 158.254 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112385.D
 Acq: 4 Feb 2019 17:33

Tgt Ion:112 Resp: 1049739
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.7 68.5
 63 29.5 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: 131.706 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112385.D

Acq: 4 Feb 2019 17:33

Instrument :

BNA_F

ClientSampleId :

OR-02-013119-B

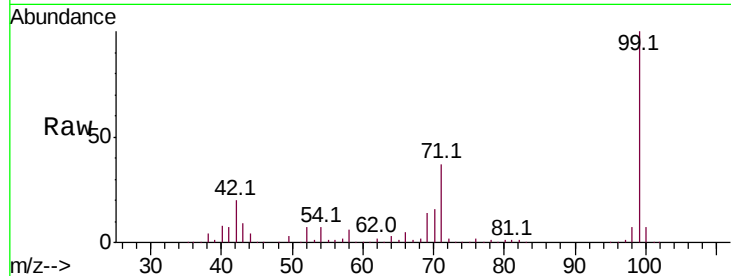
Tot Ion: 99 Resp: 1213968

Ion Ratio Lower Upper

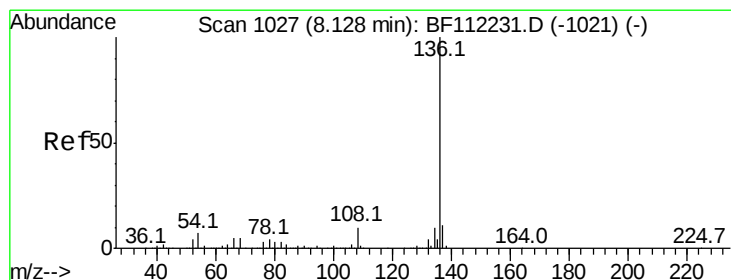
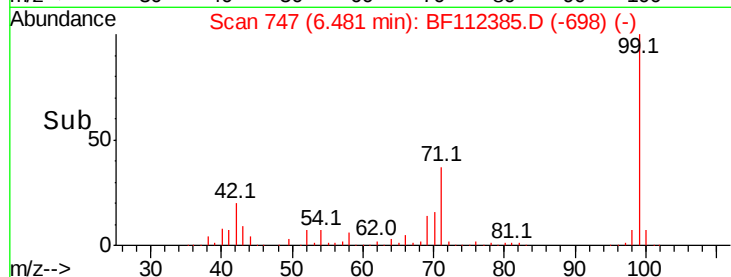
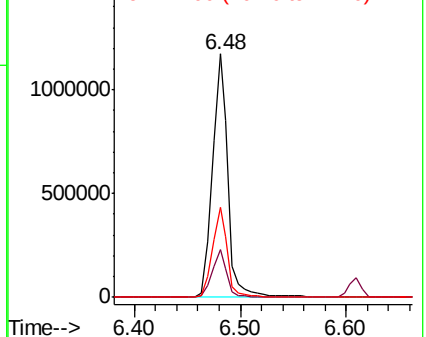
99 100

42 19.5 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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112385.D

Acq: 4 Feb 2019 17:33

Tgt Ion: 136 Resp: 535162

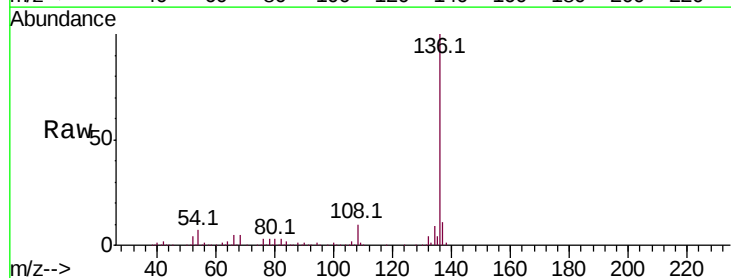
Ion Ratio Lower Upper

136 100

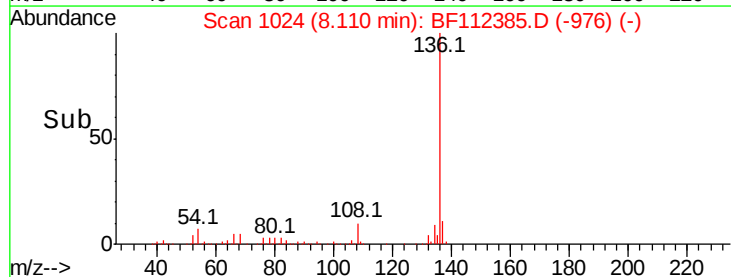
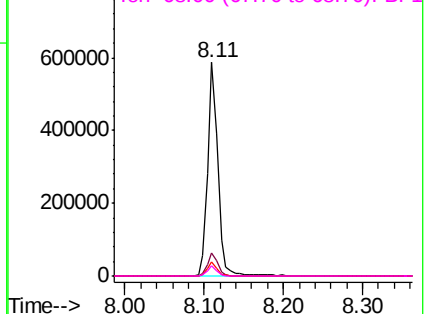
137 10.6 9.1 13.7

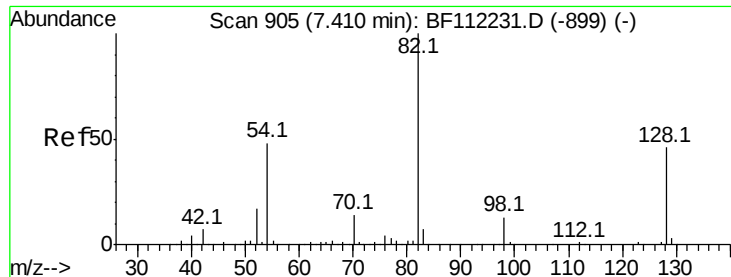
54 6.5 5.9 8.9

68 4.9 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

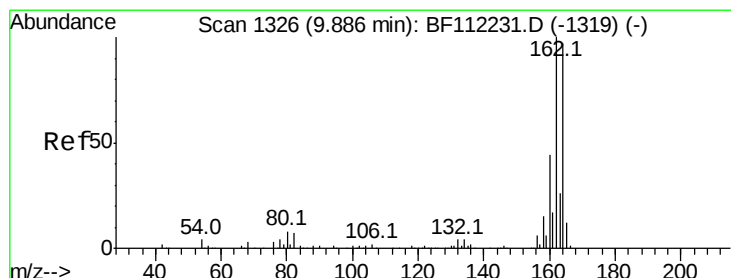
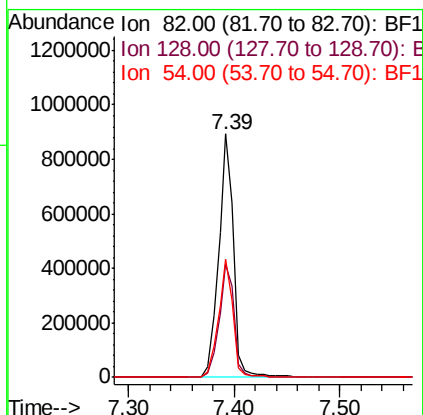
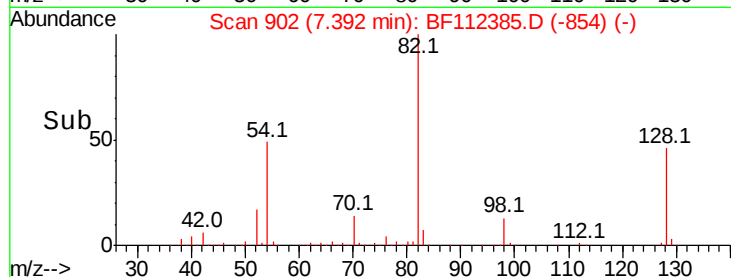
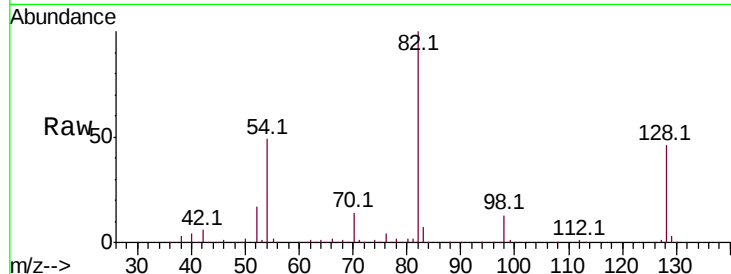




#23
Nitrobenzene-d5
Concen: 96.003 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112385.D
Acq: 4 Feb 2019 17:33

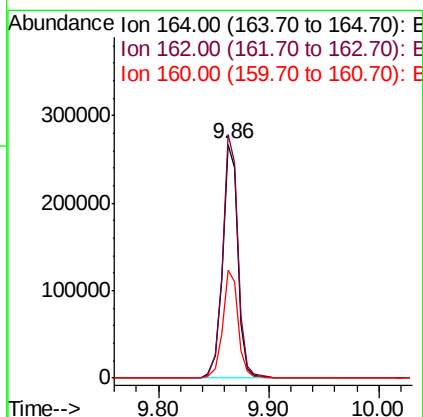
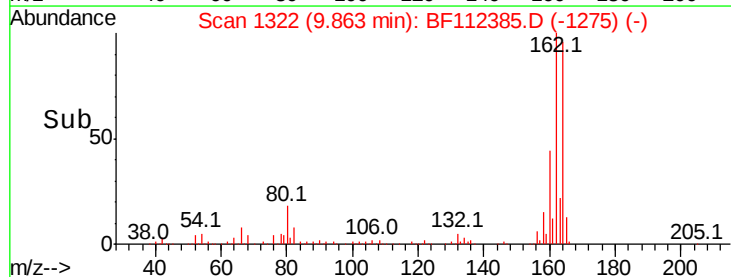
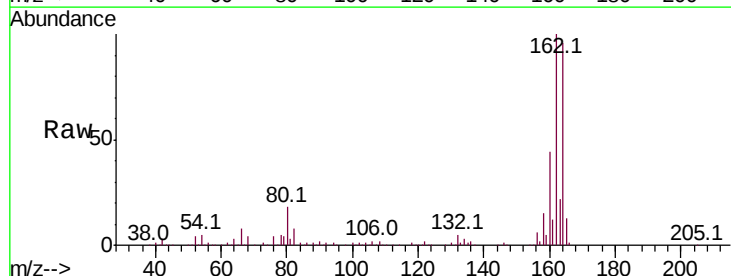
Instrument :
BNA_F
ClientSampleId :
OR-02-013119-B

Tot Ion	82	Resp	891657
Ion Ratio	100	Lower	Upper
128	46.3	37.8	56.8
54	48.7	39.7	59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112385.D
Acq: 4 Feb 2019 17:33

Tgt Ion	164	Resp	258909
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.3	82.2	123.4
160	46.2	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 150.955 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112385.D

Acq: 4 Feb 2019 17:33

Instrument :

BNA_F

ClientSampleId :

OR-02-013119-B

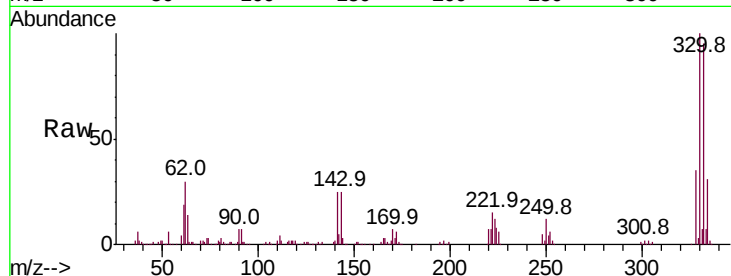
Tot Ion:330 Resp: 454921

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

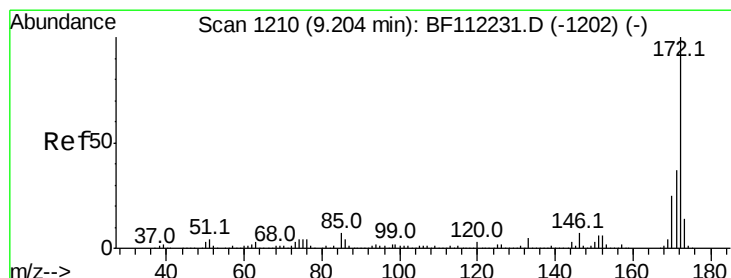
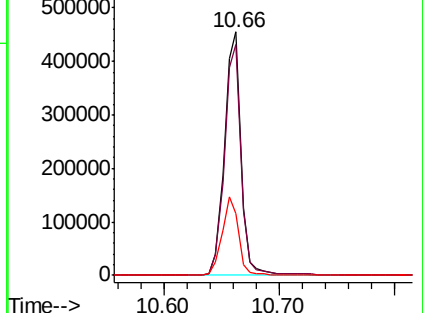
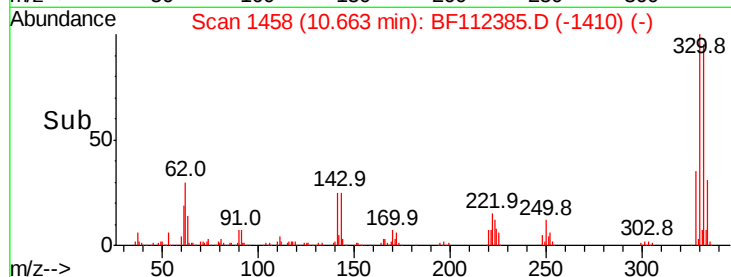
141 32.5 24.3 36.5



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: 96.001 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112385.D

Acq: 4 Feb 2019 17:33

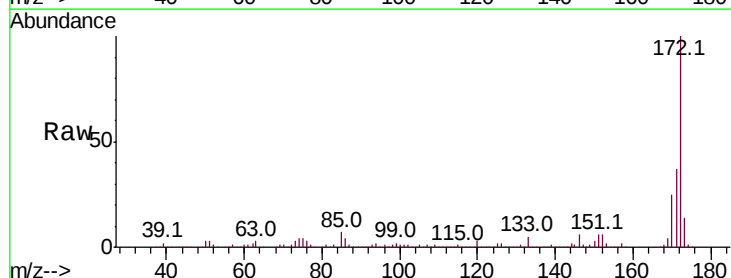
Tgt Ion:172 Resp: 1757392

Ion Ratio Lower Upper

172 100

171 37.5 30.5 45.7

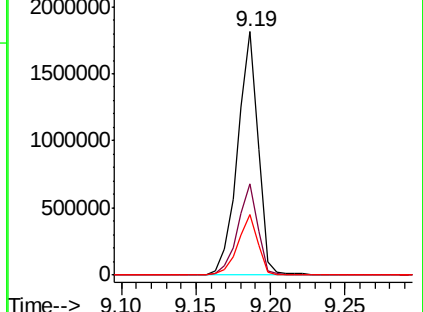
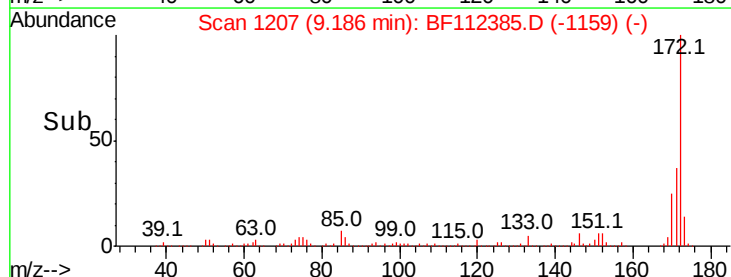
170 24.7 20.2 30.4



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

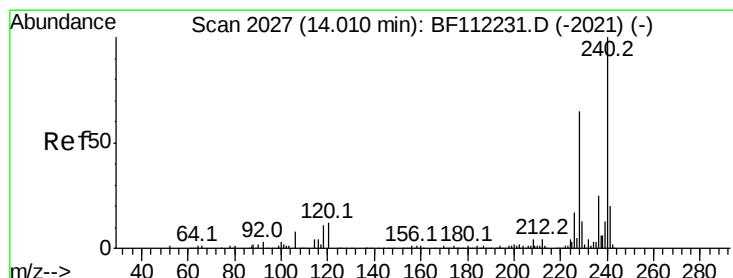
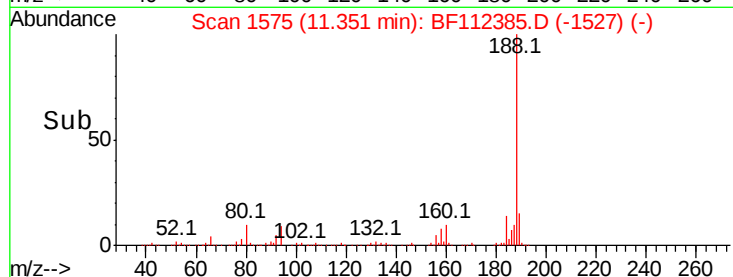
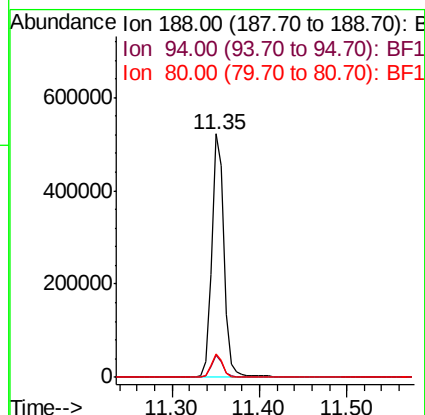
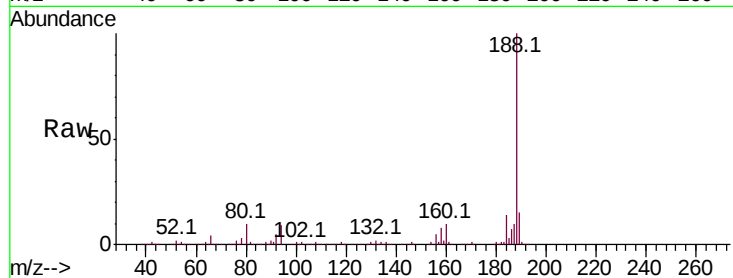




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112385.D
Acq: 4 Feb 2019 17:33

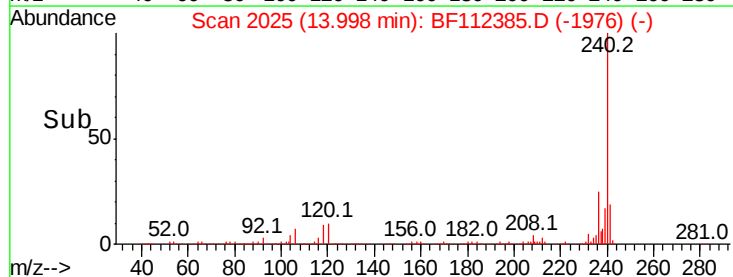
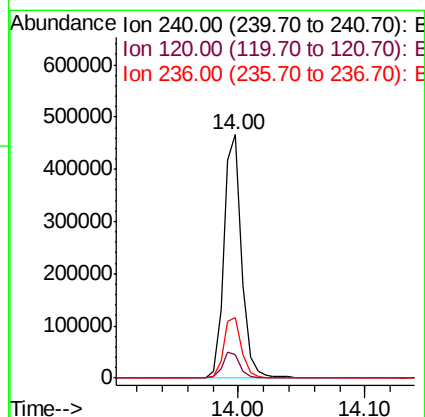
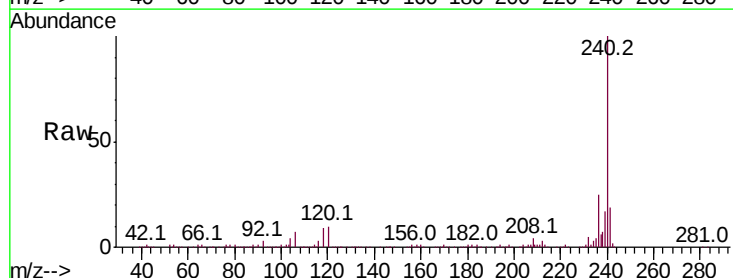
Instrument :
BNA_F
ClientSampleId :
OR-02-013119-B

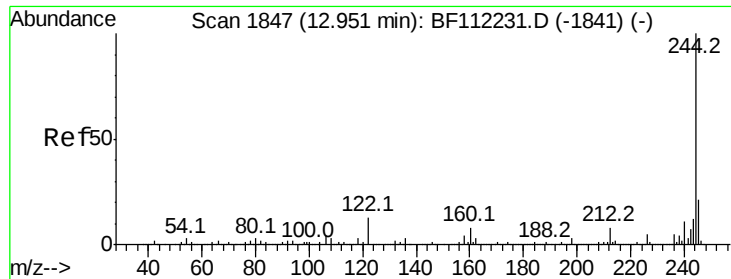
Tot Ion:188 Resp: 509709
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112385.D
Acq: 4 Feb 2019 17:33

Tgt Ion:240 Resp: 452384
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.6
236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 82.836 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112385.D

Acq: 4 Feb 2019 17:33

Instrument :

BNA_F

ClientSampleId :

OR-02-013119-B

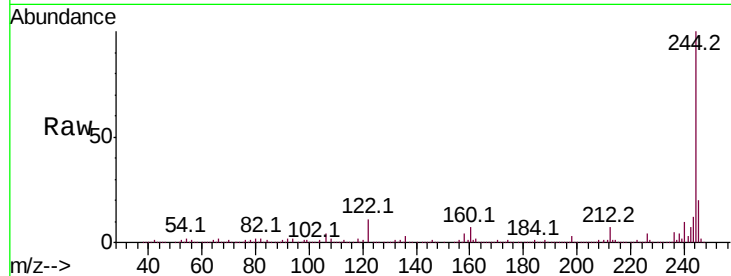
Tot Ion:244 Resp: 1989628

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

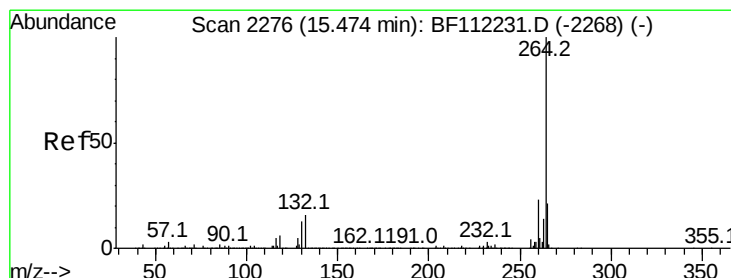
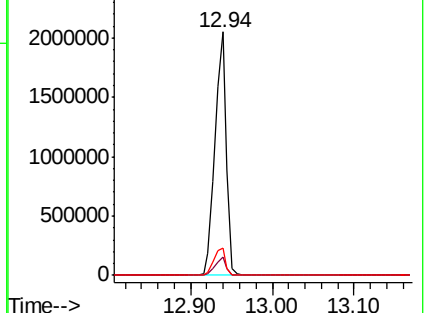
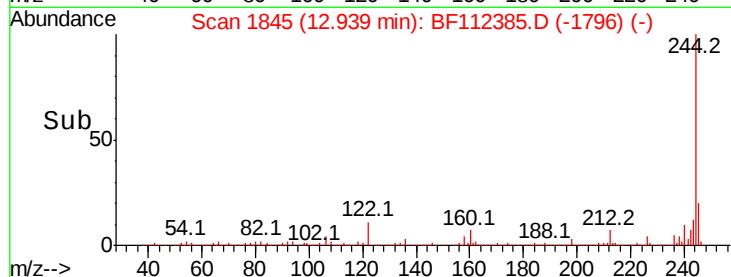
122 11.4 9.8 14.6



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112385.D

Acq: 4 Feb 2019 17:33

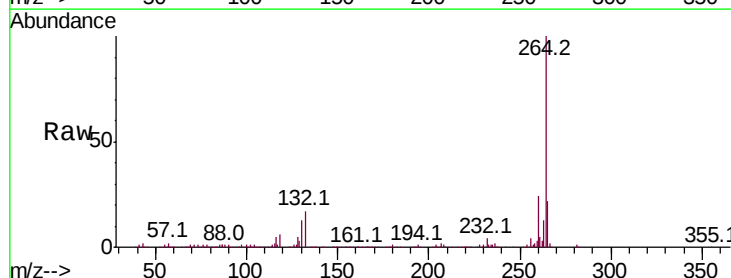
Tgt Ion:264 Resp: 347273

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 21.8 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

