

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112564.D
 Acq On : 14 Feb 2019 13:37
 Operator : JU/SJ
 Sample : K1458-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6

Quant Time: Feb 15 06:17:03 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

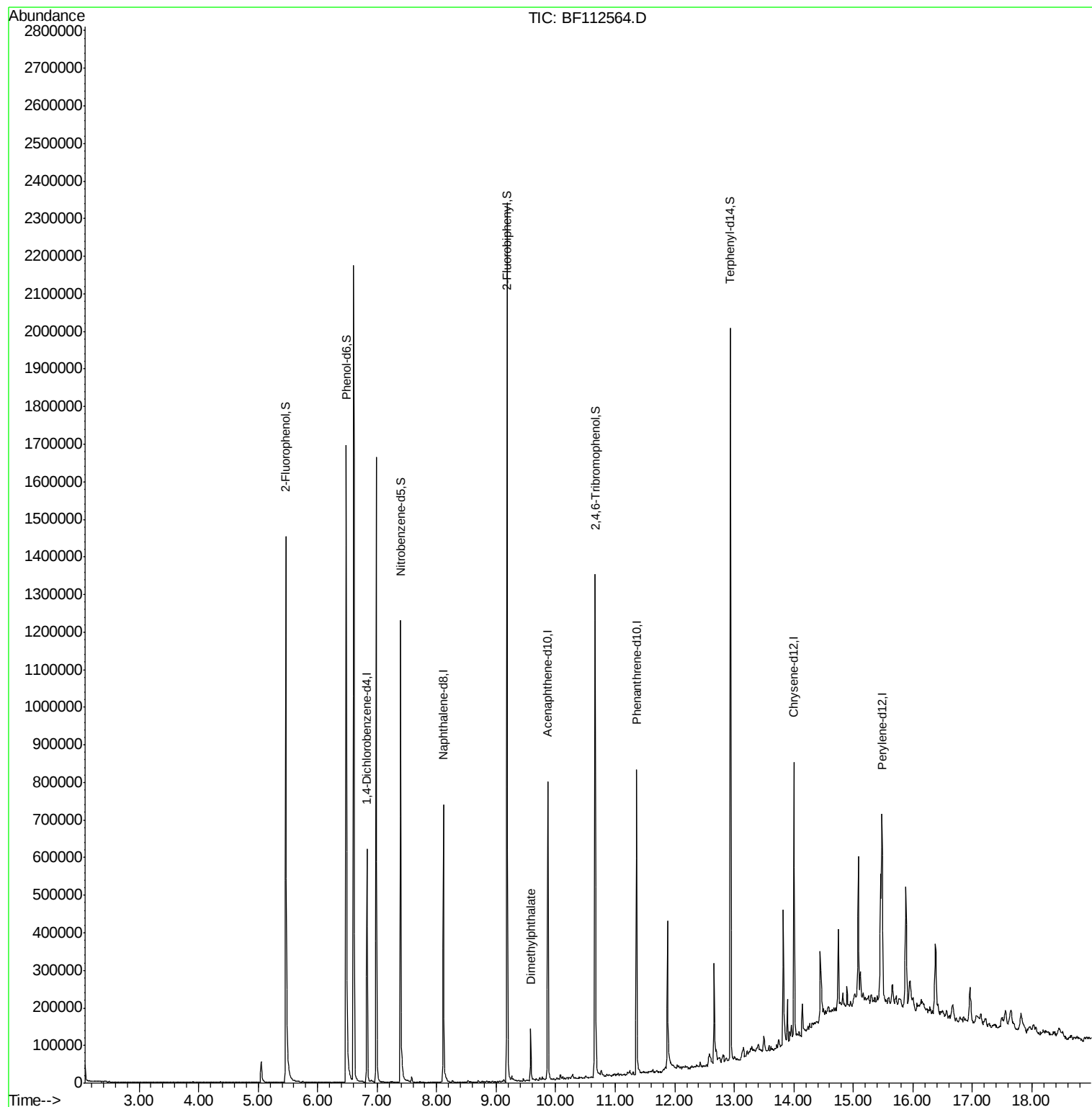
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93450	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	367582	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	171021	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	296383	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	241666	20.00	ng	0.00
87) Perylene-d12	15.48	264	239868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	499259	113.48	ng	-0.02
7) Phenol-d6	6.48	99	622041	101.75	ng	-0.01
23) Nitrobenzene-d5	7.39	82	396495	62.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	179968	90.41	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	764106	63.19	ng	-0.02
79) Terphenyl-d14	12.93	244	639996	49.88	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	9.58	163	59782	4.499	ng	98

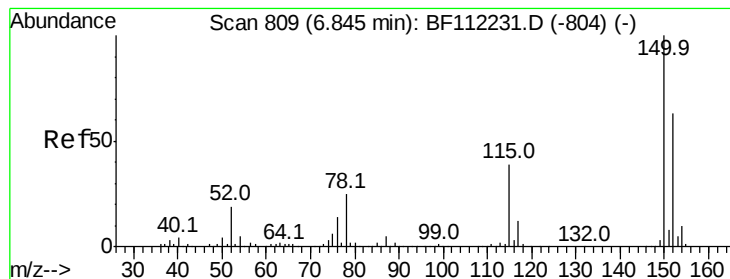
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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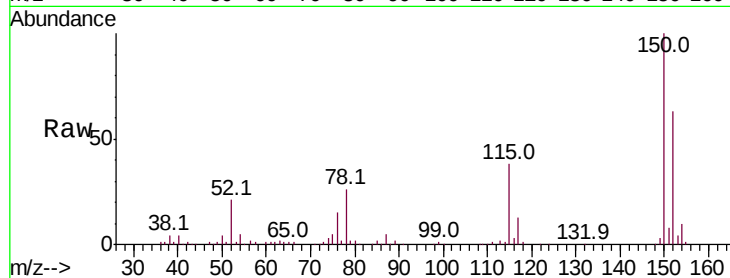


#1

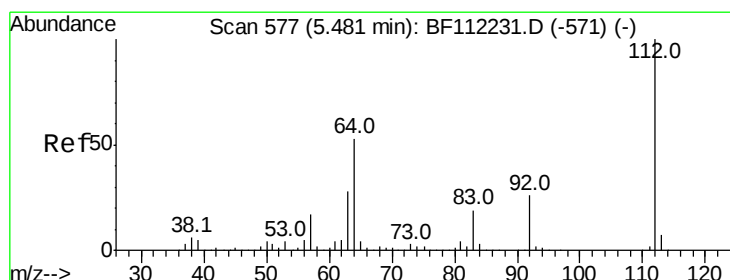
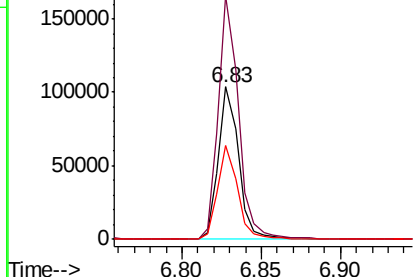
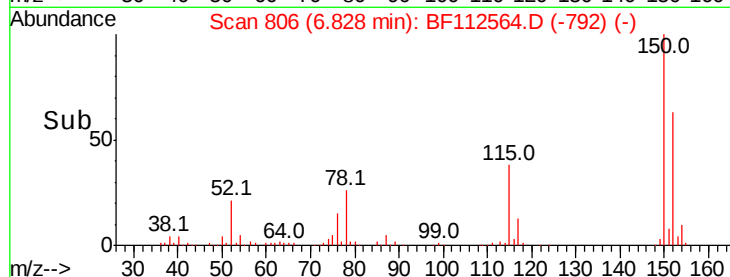
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion:152 Resp: 93450
Ion Ratio Lower Upper
152 100
150 160.0 127.4 191.0
115 61.4 45.5 68.3



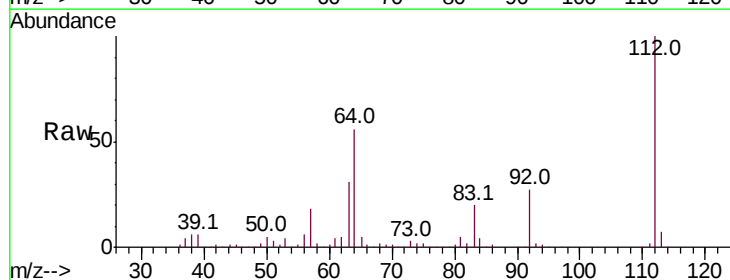
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



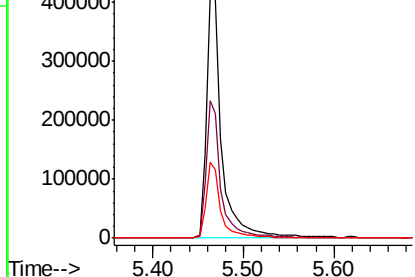
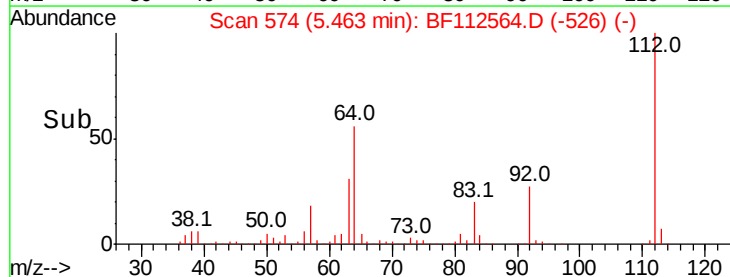
#5

2-Fluorophenol
Concen: 113.479 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Tgt Ion:112 Resp: 499259
Ion Ratio Lower Upper
112 100
64 56.3 45.7 68.5
63 31.1 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: 101.750 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SB-6

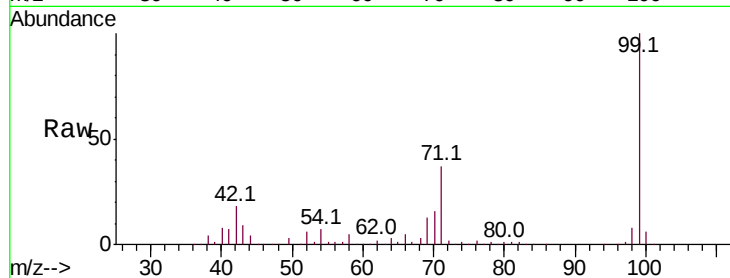
Tot Ion: 99 Resp: 622041

Ion Ratio Lower Upper

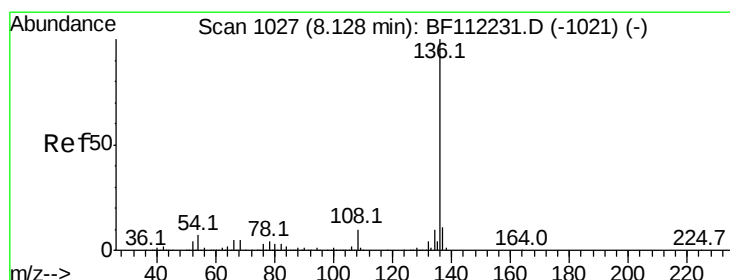
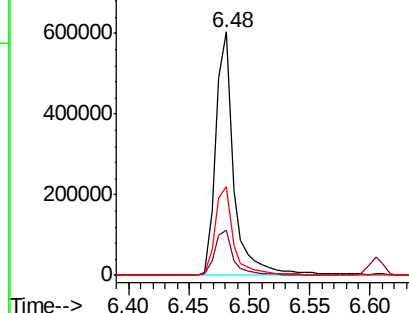
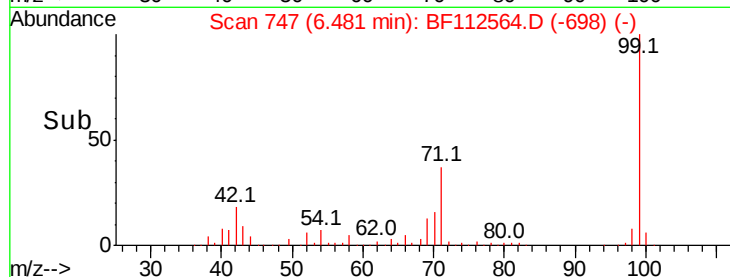
99 100

42 18.4 15.1 22.7

71 36.5 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: BF112564.D

Acq: 14 Feb 2019 13:37

Tgt Ion: 136 Resp: 367582

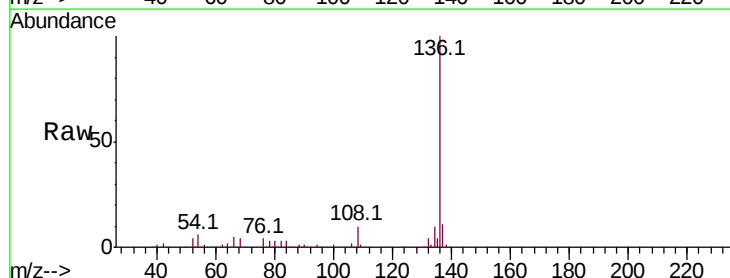
Ion Ratio Lower Upper

136 100

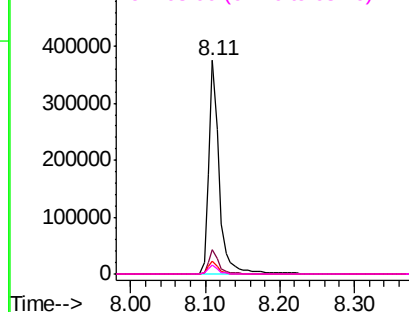
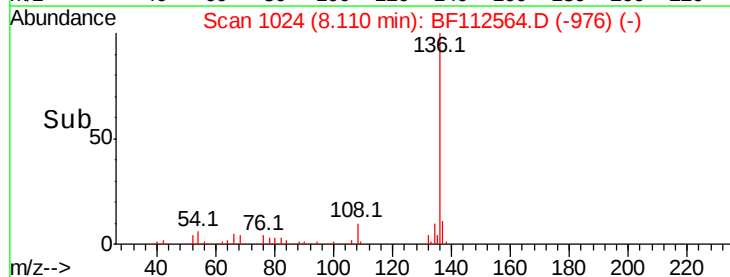
137 11.2 9.1 13.7

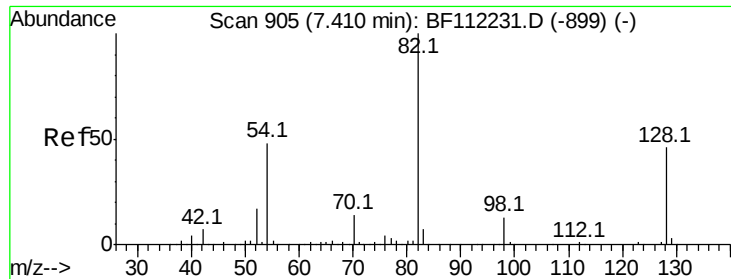
54 6.0 5.9 8.9

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

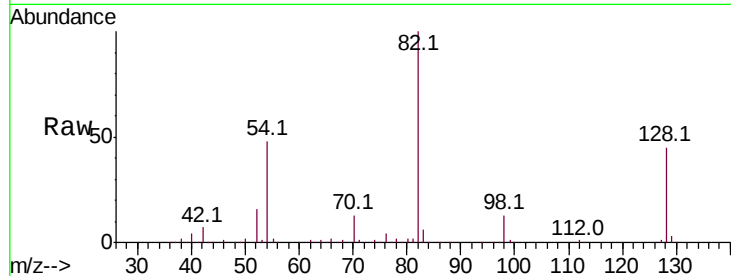




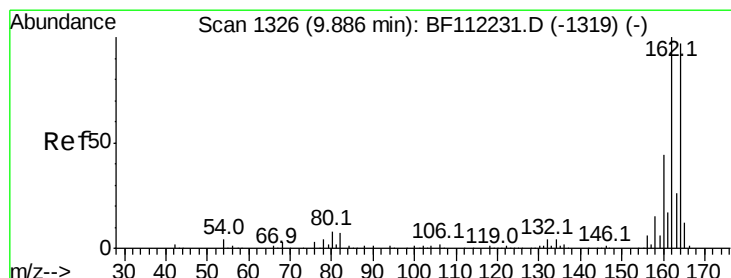
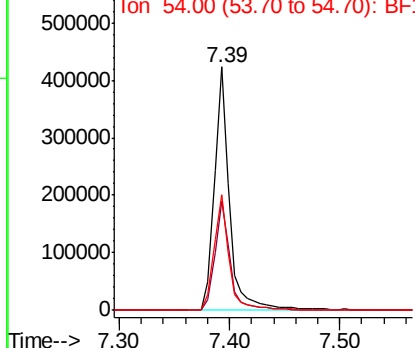
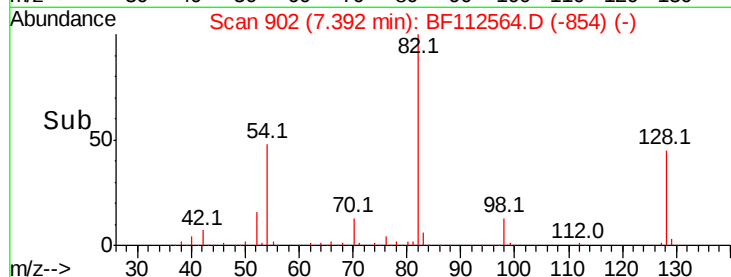
#23
Nitrobenzene-d5
Concen: 62.152 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion	82	Resp	396495
Ion Ratio	Lower	Upper	
82	100		
128	45.1	37.8	56.8
54	47.8	39.7	59.5

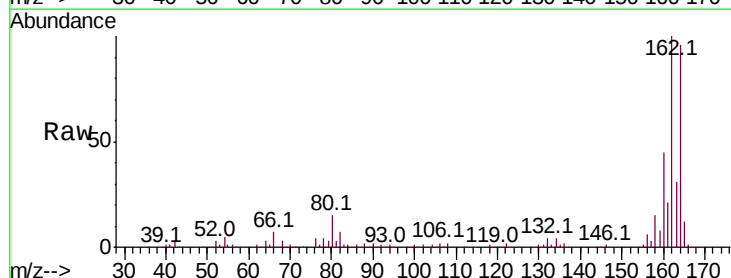


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

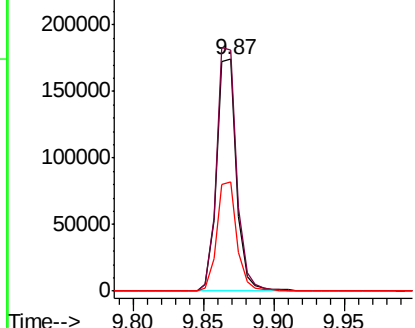
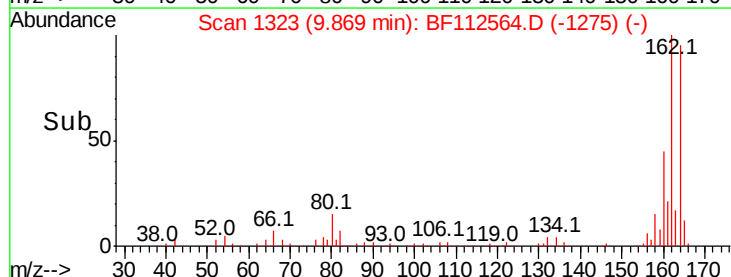


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Tgt Ion	164	Resp	171021
Ion Ratio	Lower	Upper	
164	100		
162	104.1	82.2	123.4
160	47.2	36.2	54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

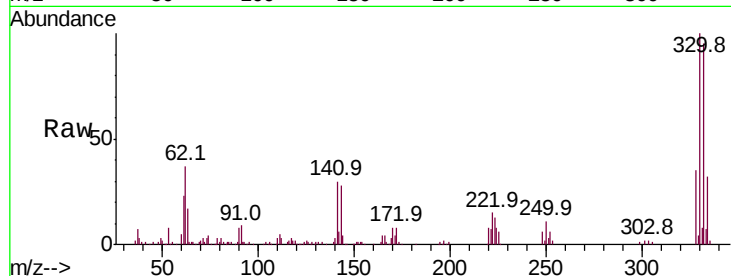




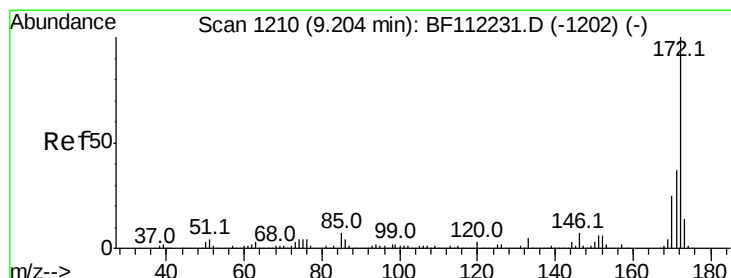
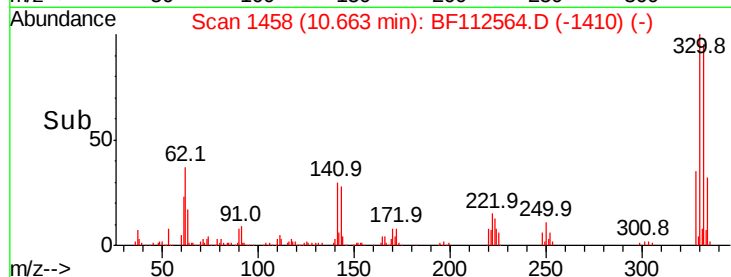
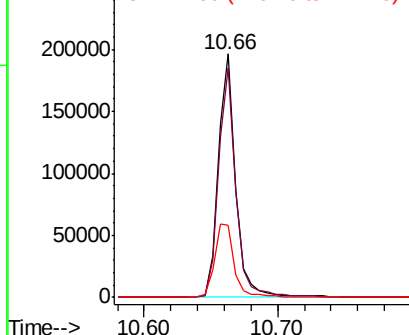
#42
 2,4,6-Tribromophenol
 Concen: 90.407 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112564.D
 Acq: 14 Feb 2019 13:37

Instrument :
 BNA_F
 ClientSampled :
 SB-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	34.7	24.3	36.5

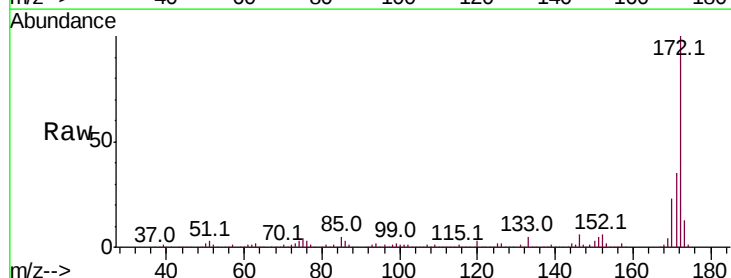


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

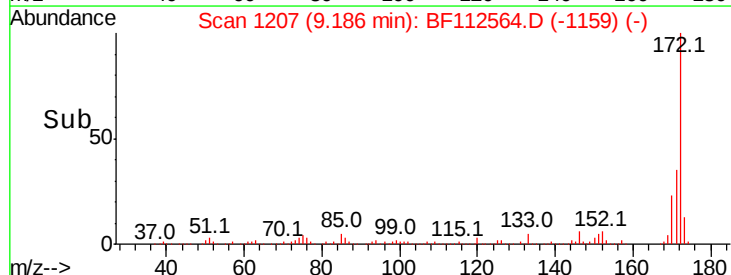
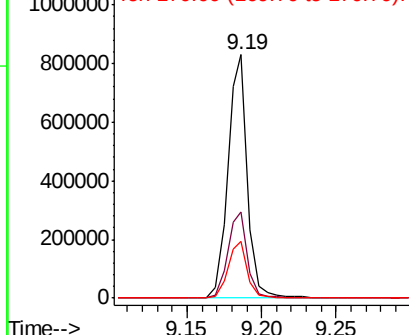


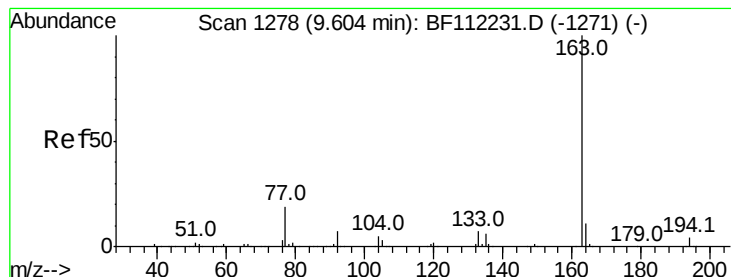
#45
 2-Fluorobiphenyl
 Concen: 63.191 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112564.D
 Acq: 14 Feb 2019 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.5	45.7
170	23.2	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





#50

Dimethylphthalate

Concen: 4.499 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

Instrument :

BNA_F

ClientSampleId :

SB-6

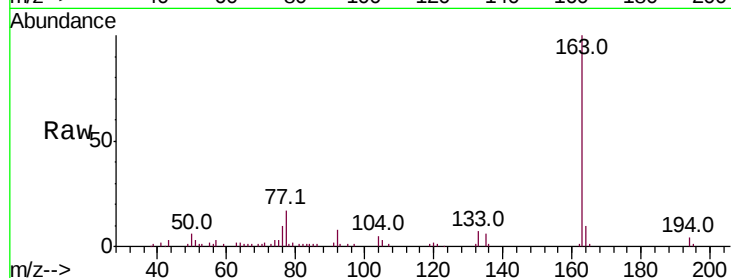
Tot Ion:163 Resp: 59782

Ion Ratio Lower Upper

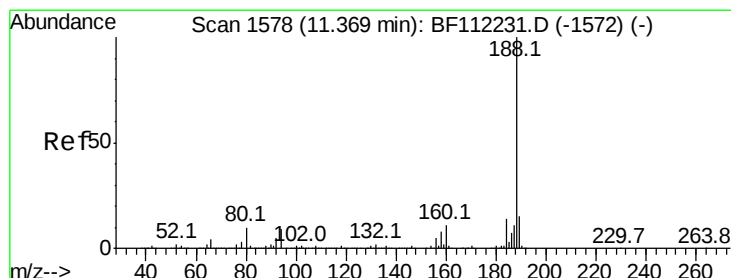
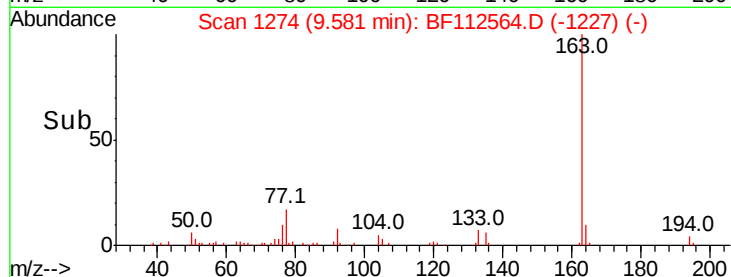
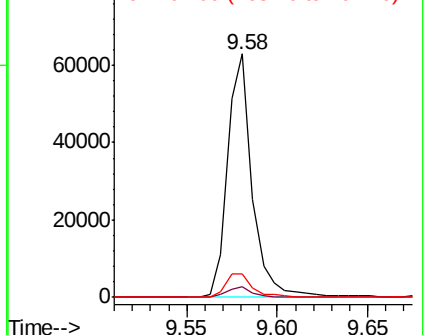
163 100

194 4.3 3.3 4.9

164 9.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112564.D

Acq: 14 Feb 2019 13:37

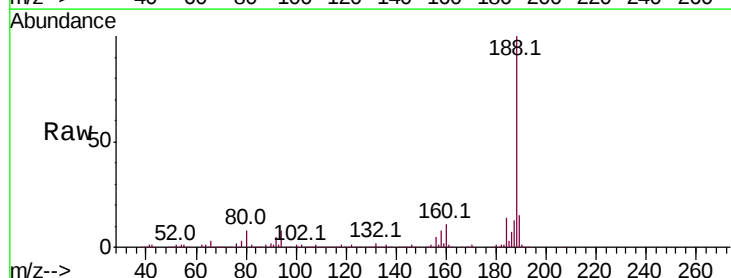
Tgt Ion:188 Resp: 296383

Ion Ratio Lower Upper

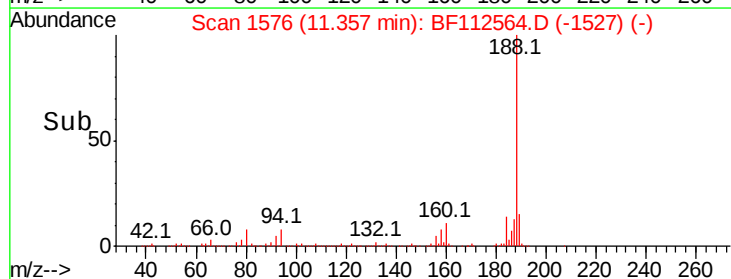
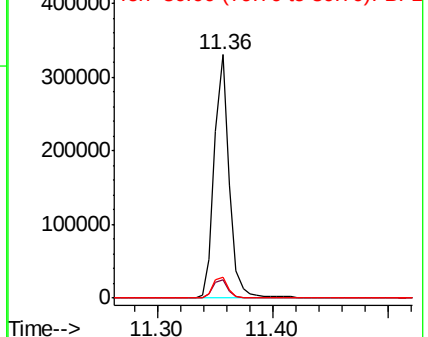
188 100

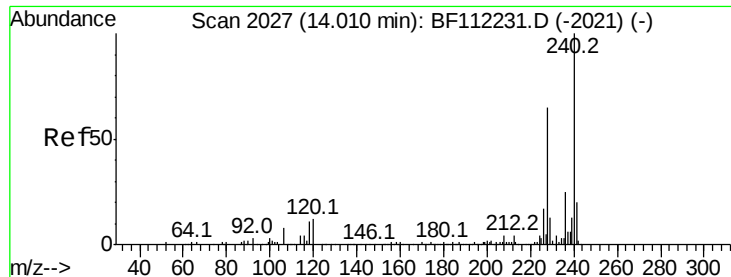
94 7.8 8.2 12.2#

80 8.3 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

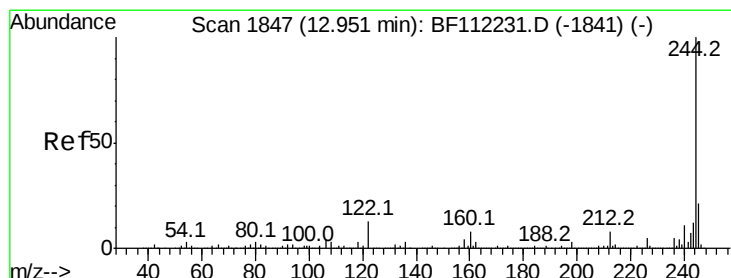
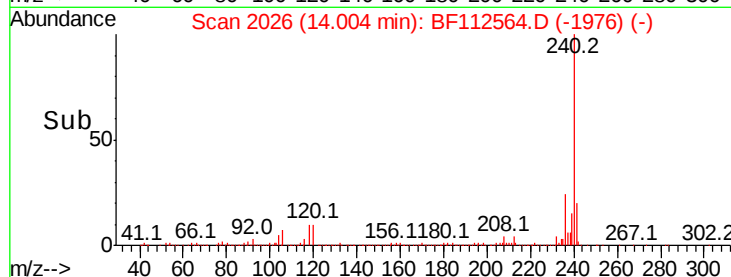
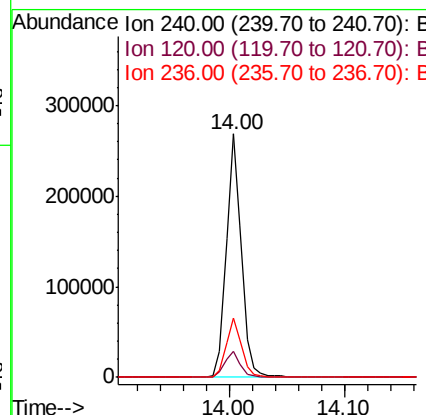
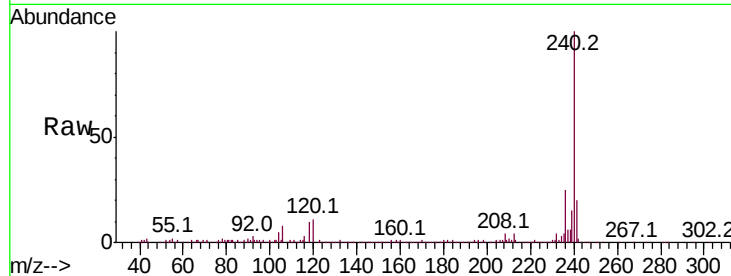




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112564.D
 Acq: 14 Feb 2019 13:37

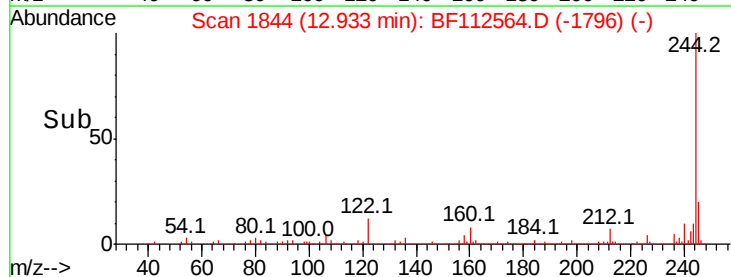
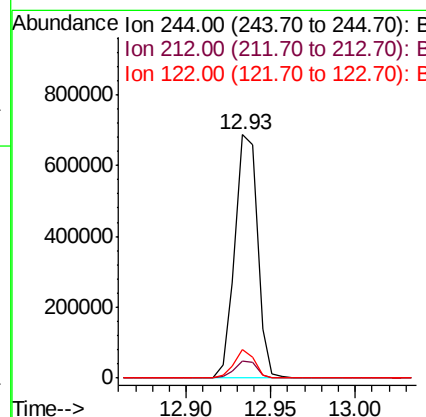
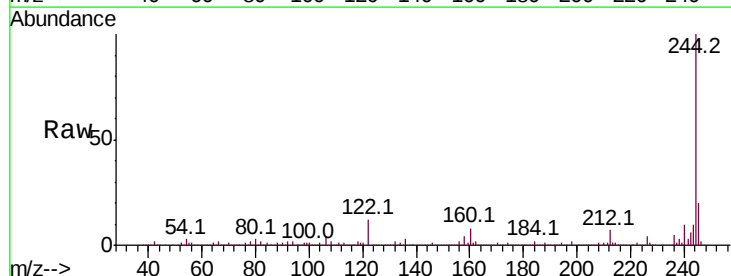
Instrument :
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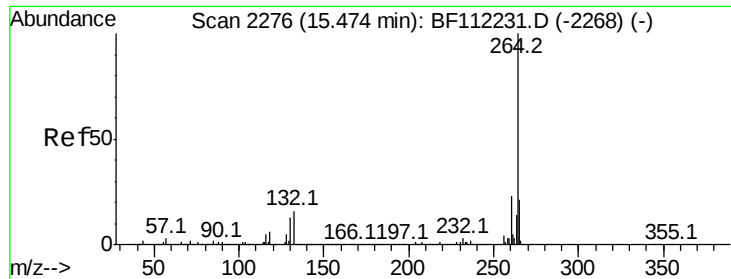
Tot Ion:240 Resp: 241666
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.0 13.6
 236 24.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 49.879 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112564.D
 Acq: 14 Feb 2019 13:37

Tgt Ion:244 Resp: 639996
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.0 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF112564.D
Acq: 14 Feb 2019 13:37

Instrument :
BNA_F
ClientSampleId :
SB-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.6	17.0	25.4

