

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022119\
 Data File : BF112653.D
 Acq On : 21 Feb 2019 15:29
 Operator : JU/SJ
 Sample : K1344-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022019-A

Quant Time: Feb 22 01:34:11 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	6.82	152	77692	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	326151	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	156568	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	275402	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	191518	20.00	ng	-0.01
87) Perylene-d12	15.47	264	178854	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	75614	20.67	ng	-0.02
7) Phenol-d6	6.49	99	101159	19.90	ng	0.00
23) Nitrobenzene-d5	7.39	82	69441	12.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	32809	18.00	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	165629	14.96	ng	-0.03
79) Terphenyl-d14	12.93	244	146263	14.38	ng	-0.02

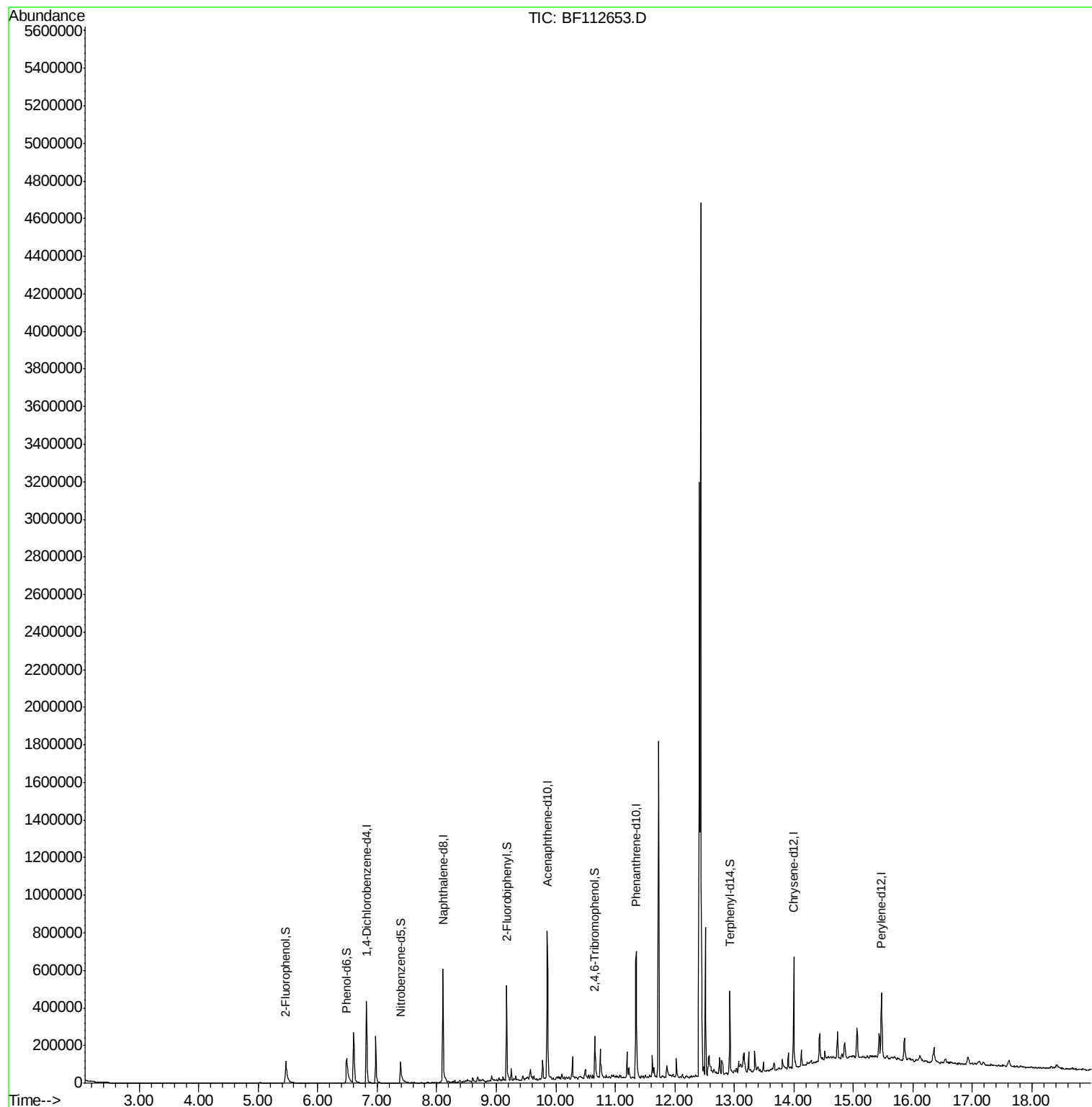
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

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BNA_F

ClientSampleId :

NB-07-022019-A

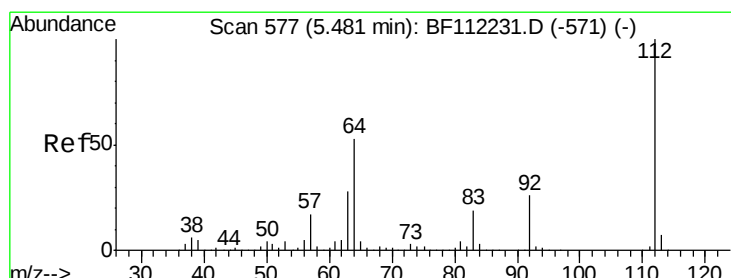
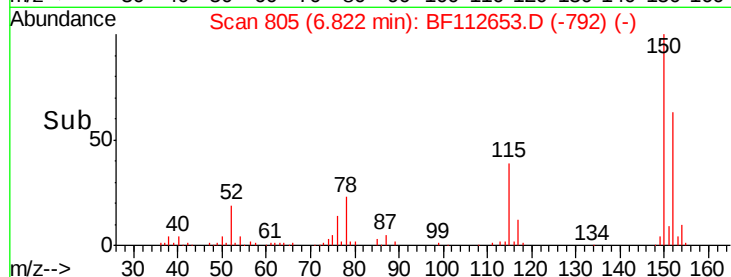
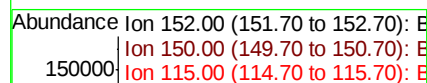
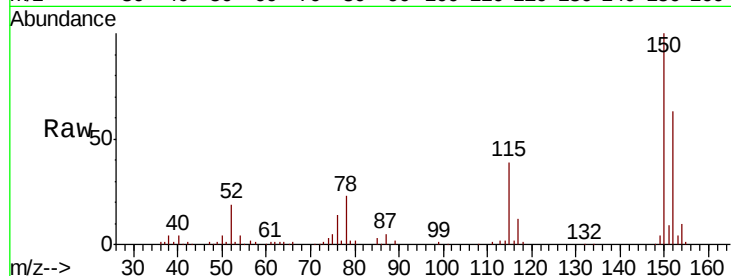
Tot Ion:152 Resp: 77692

Ion Ratio Lower Upper

152 100

150 158.7 127.4 191.0

115 61.7 45.5 68.3



#5

2-Fluorophenol

Concen: 20.673 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

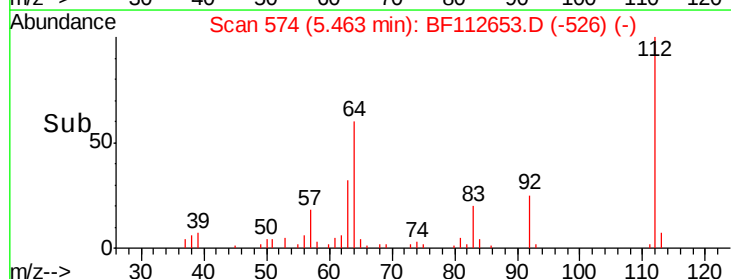
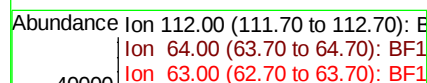
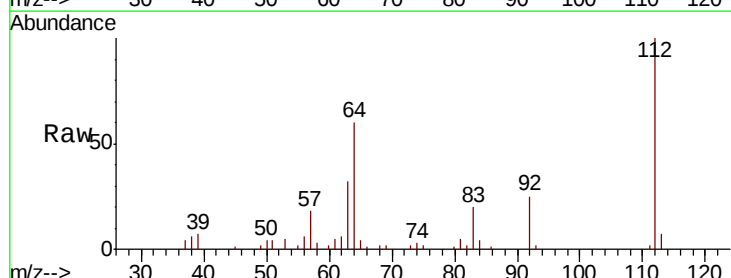
Tgt Ion:112 Resp: 75614

Ion Ratio Lower Upper

112 100

64 59.8 45.7 68.5

63 31.8 23.6 35.4





#7

Phenol-d6

Concen: 19.903 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Instrument :

BNA_F

ClientSampleId :

NB-07-022019-A

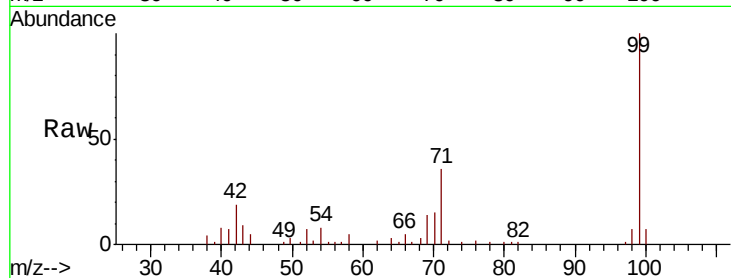
Tot Ion: 99 Resp: 101159

Ion Ratio Lower Upper

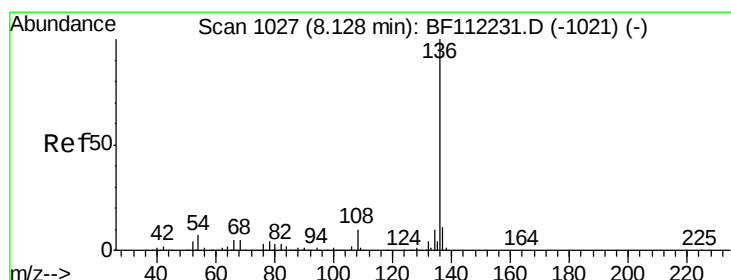
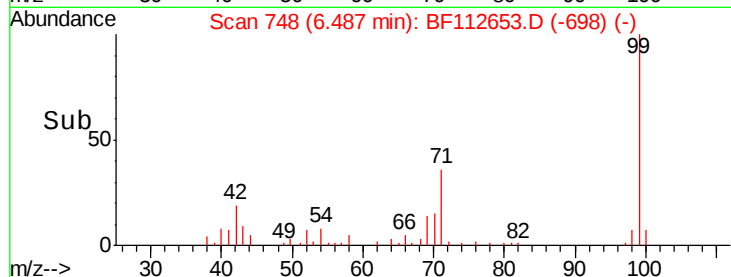
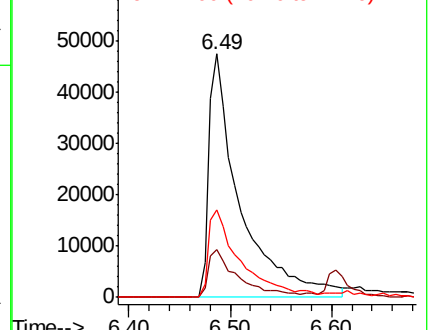
99 100

42 19.4 15.1 22.7

71 36.1 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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Tgt Ion: 136 Resp: 326151

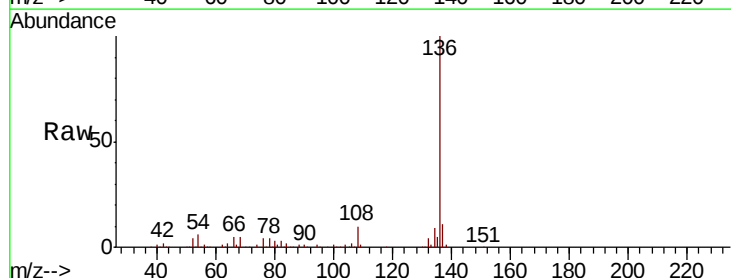
Ion Ratio Lower Upper

136 100

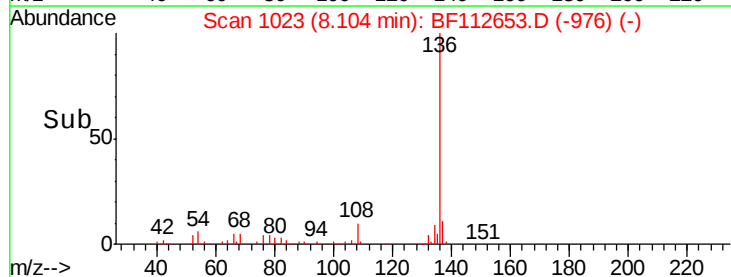
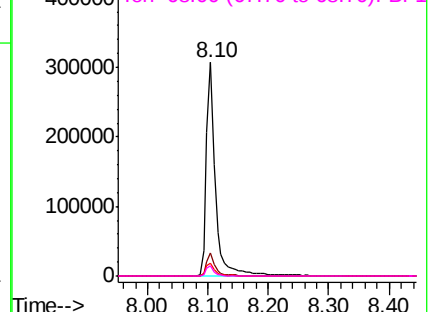
137 10.8 9.1 13.7

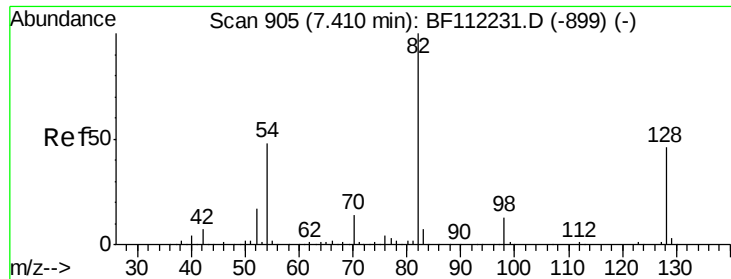
54 5.8 5.9 8.9#

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

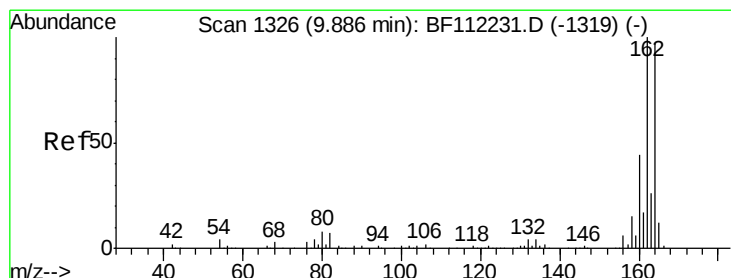
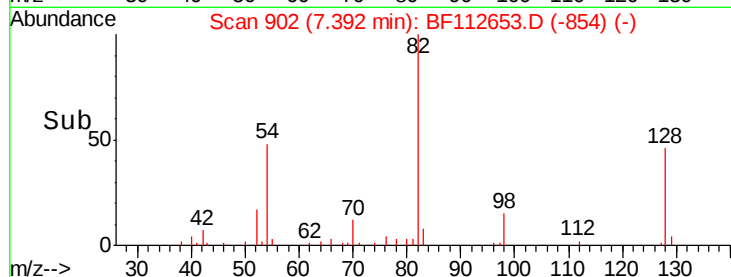
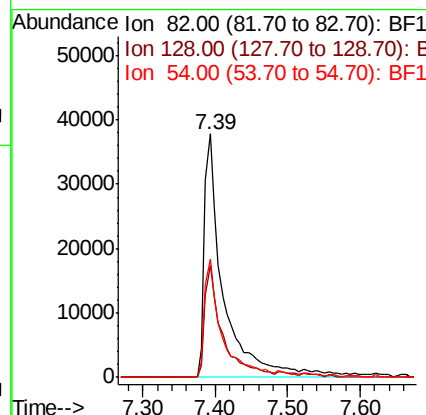
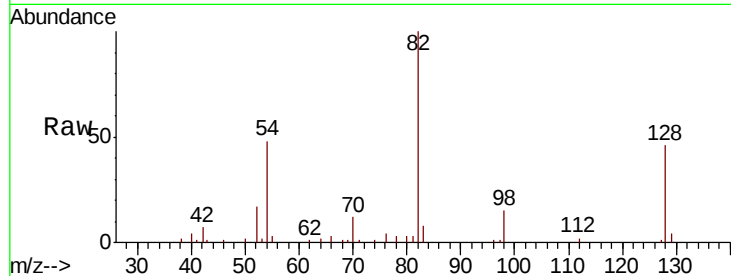




#23
 Nitrobenzene-d5
 Concen: 12.268 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112653.D
 Acq: 21 Feb 2019 15:29

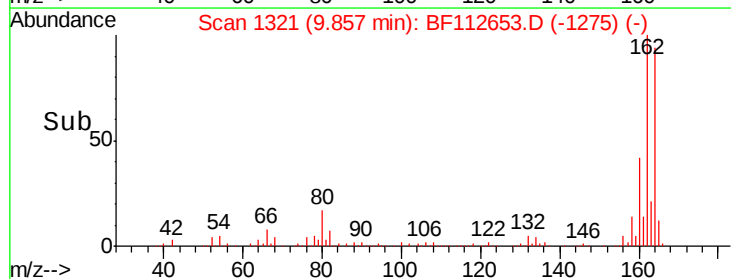
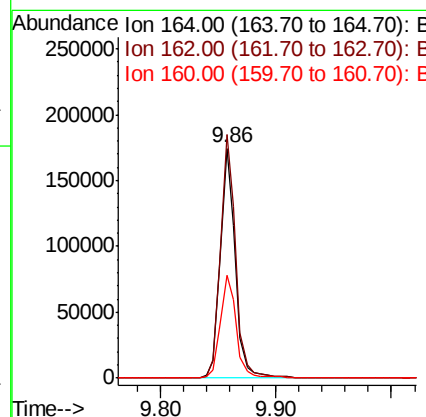
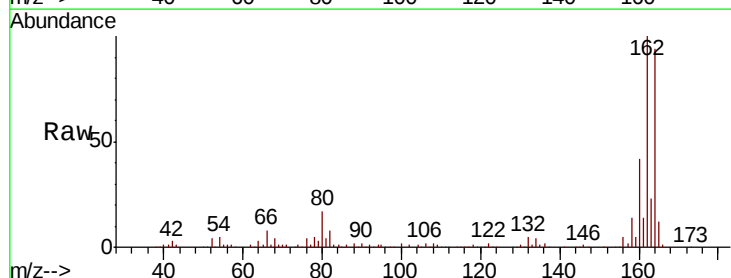
Instrument :
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 NB-07-022019-A

Tot Ion	82	Resp	69441
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.8	56.8
54	48.4	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF112653.D
 Acq: 21 Feb 2019 15:29

Tgt Ion	164	Resp	156568
Ion Ratio	Lower	Upper	
164	100		
162	106.0	82.2	123.4
160	45.0	36.2	54.4

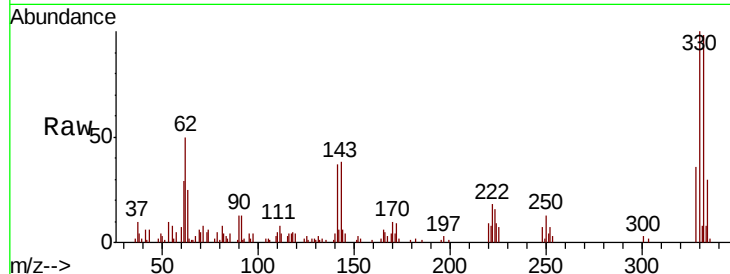




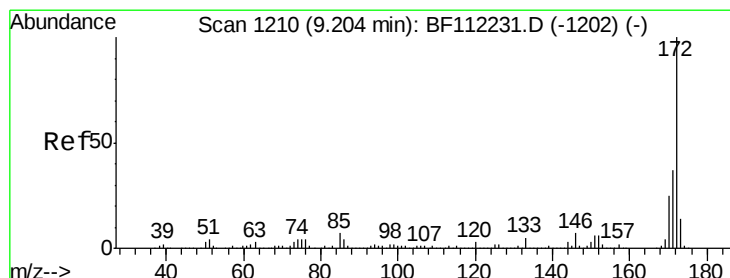
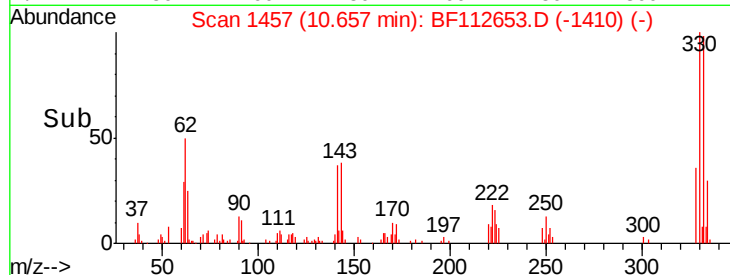
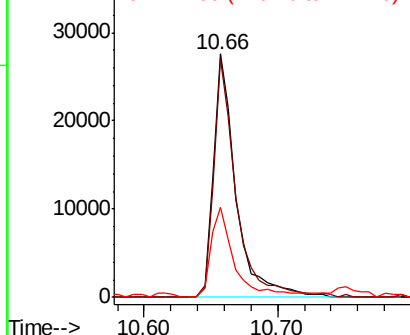
#42
 2,4,6-Tribromophenol
 Concen: 18.003 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112653.D
 Acq: 21 Feb 2019 15:29

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-022019-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	40.0	24.3	36.5#

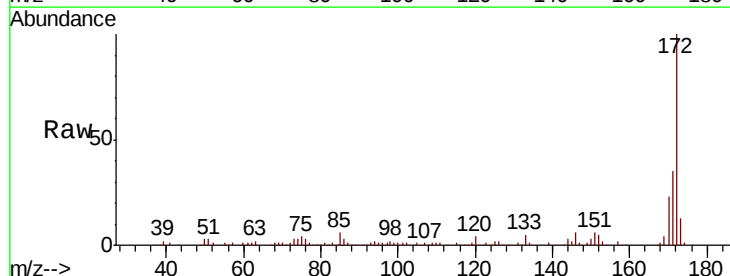


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

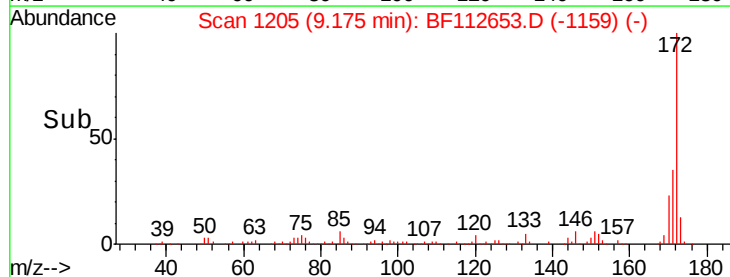
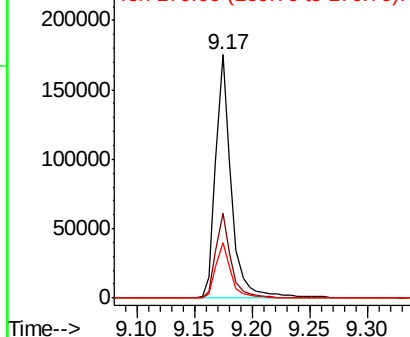


#45
 2-Fluorobiphenyl
 Concen: 14.962 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF112653.D
 Acq: 21 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.5	45.7
170	23.0	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

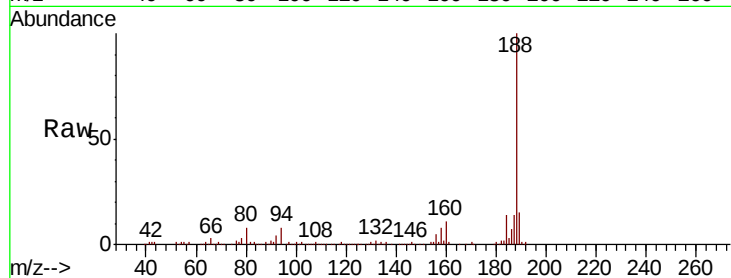




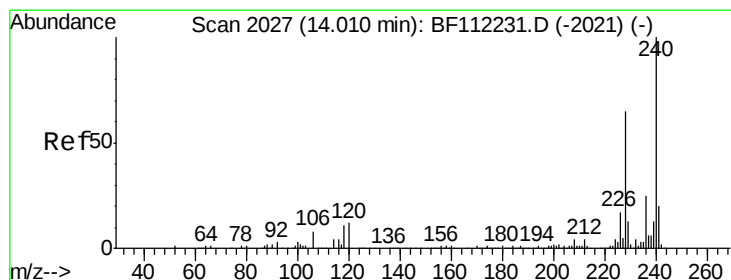
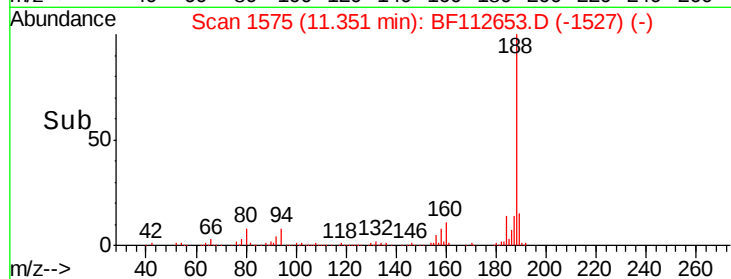
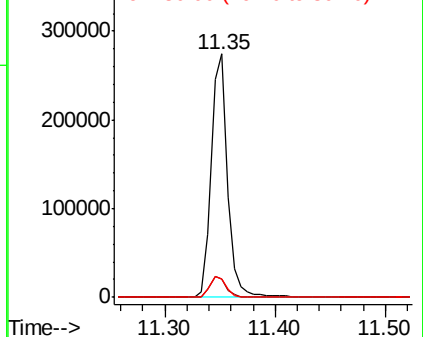
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112653.D
Acq: 21 Feb 2019 15:29

Instrument :
BNA_F
ClientSampleId :
NB-07-022019-A

Tot Ion:188 Resp: 275402
Ion Ratio Lower Upper
188 100
94 7.5 8.2 12.2#
80 7.6 8.9 13.3#

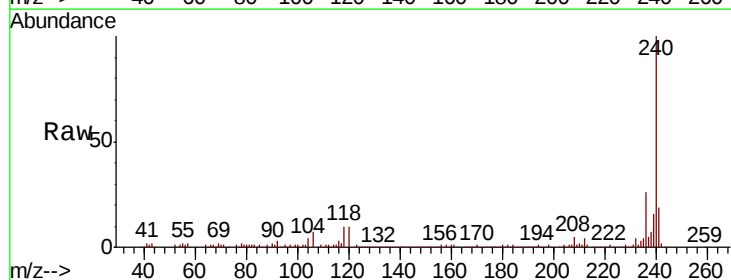


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

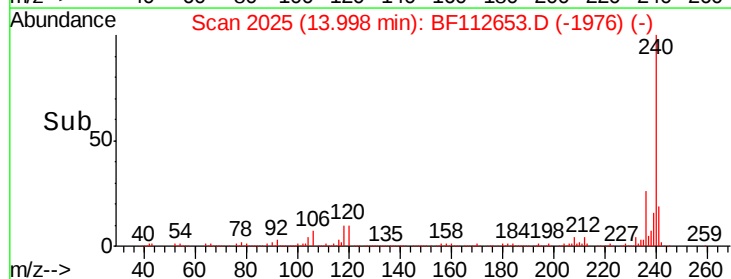
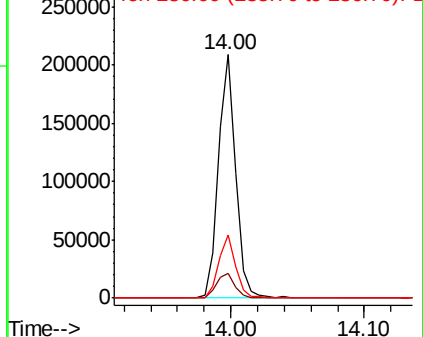


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112653.D
Acq: 21 Feb 2019 15:29

Tgt Ion:240 Resp: 191518
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.6
236 25.8 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: 14.384 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

Instrument :

BNA_F

ClientSampleId :

NB-07-022019-A

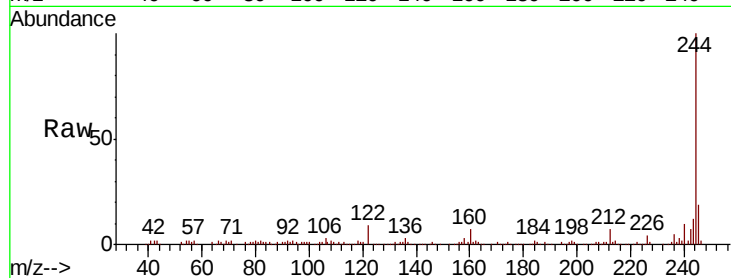
Tot Ion:244 Resp: 146263

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

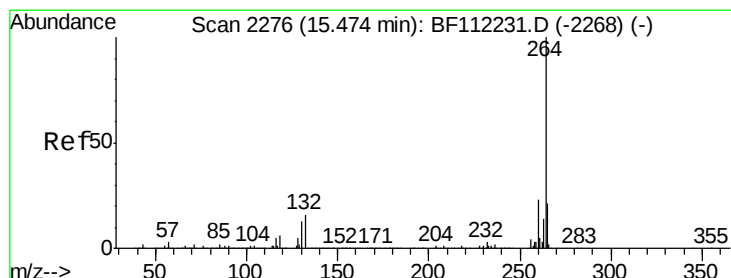
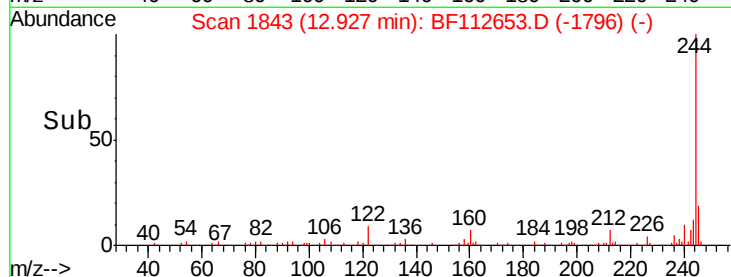
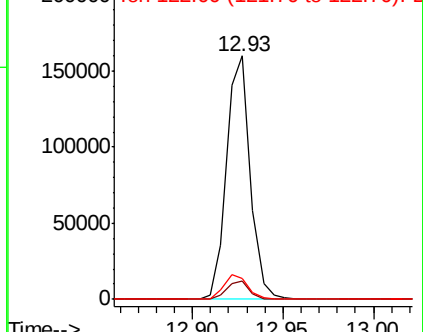
122 8.5 9.8 14.6#



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112653.D

Acq: 21 Feb 2019 15:29

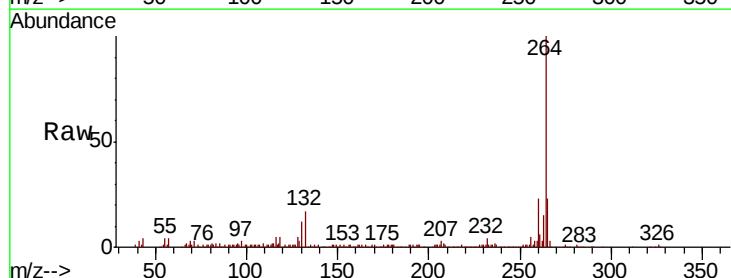
Tgt Ion:264 Resp: 178854

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

265 22.9 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

