

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112540.D
 Acq On : 13 Feb 2019 15:49
 Operator : JU/SJ
 Sample : K1343-17 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-I

Quant Time: Feb 14 07:27:54 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	120510	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	461296	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	204527	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	332425	20.00	ng	0.00
76) Chrysene-d12	14.02	240	269444	20.00	ng	0.00
87) Perylene-d12	15.50	264	201187	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	129872	22.89	ng	-0.01
7) Phenol-d6	6.49	99	169544	21.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	96912	12.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	38551	16.19	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	189373	13.10	ng	-0.01
79) Terphenyl-d14	12.95	244	147250	10.29	ng	0.00

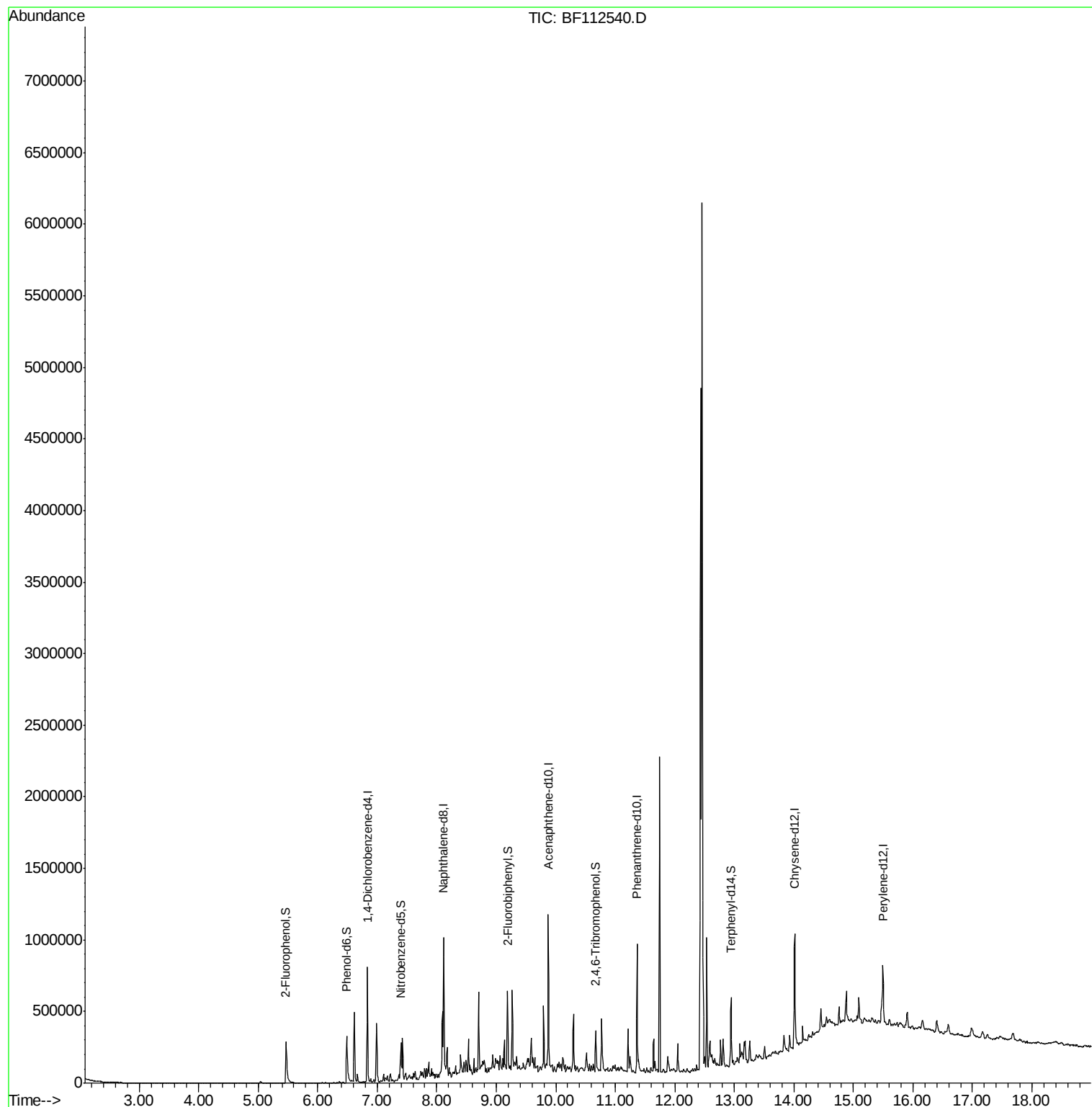
Target Compounds Qvalue

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

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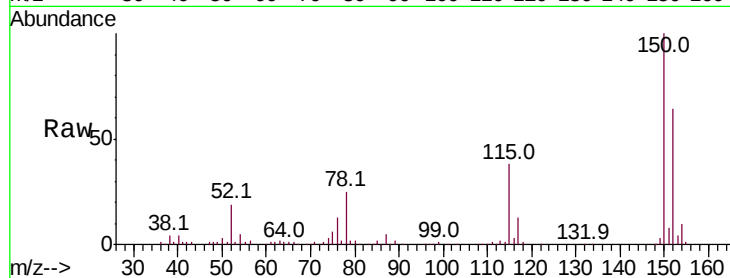


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112540.D
 Acq: 13 Feb 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-I

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.4	191.0
115	59.7	45.5	68.3

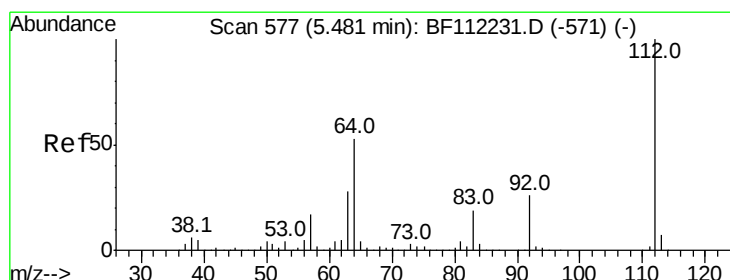
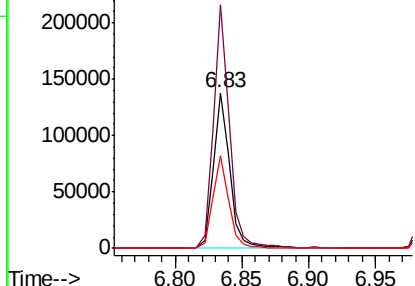
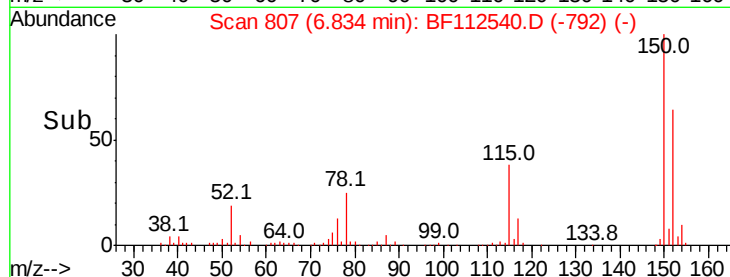


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

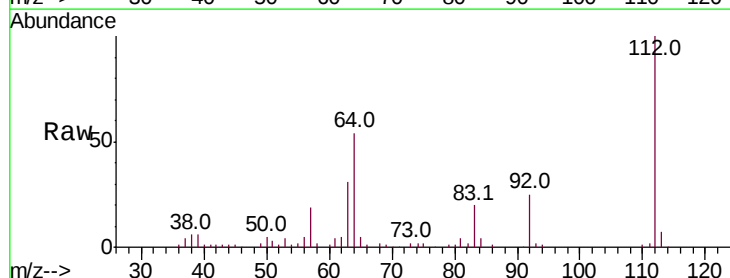
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 22.891 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF112540.D
 Acq: 13 Feb 2019 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	45.7	68.5
63	31.1	23.6	35.4

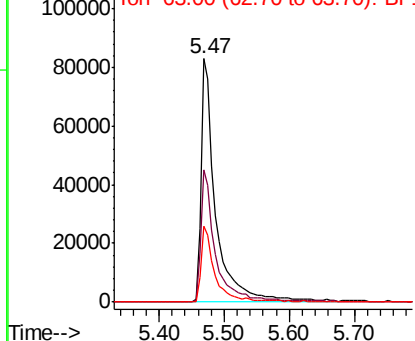
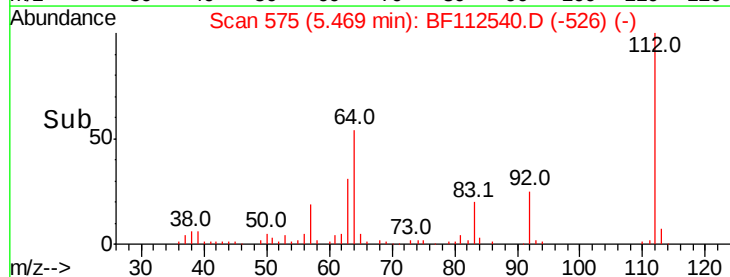


Abundance

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: 21.506 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112540.D

Acq: 13 Feb 2019 15:49

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-I

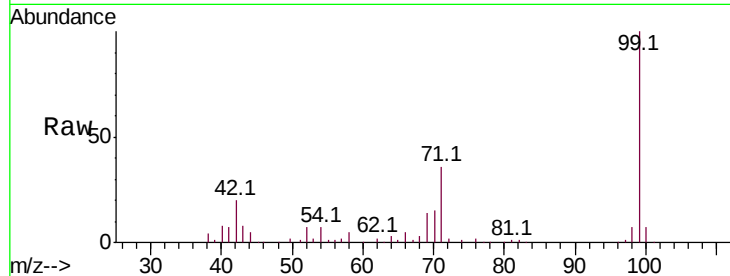
Tot Ion: 99 Resp: 169544

Ion Ratio Lower Upper

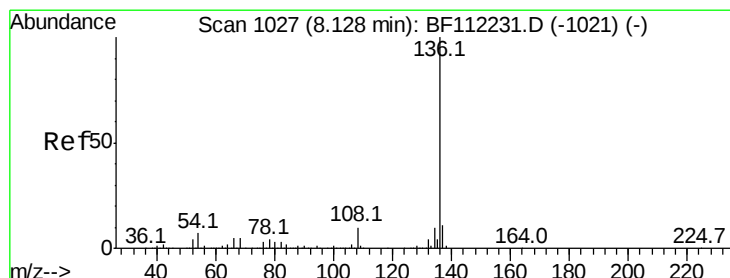
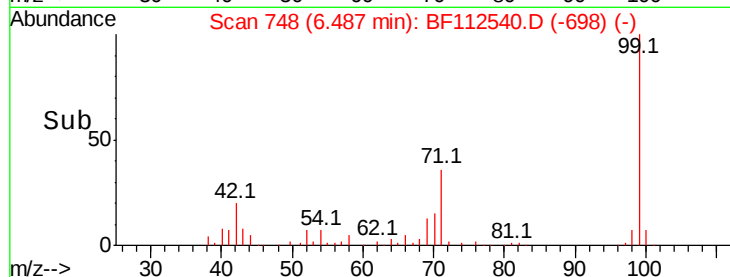
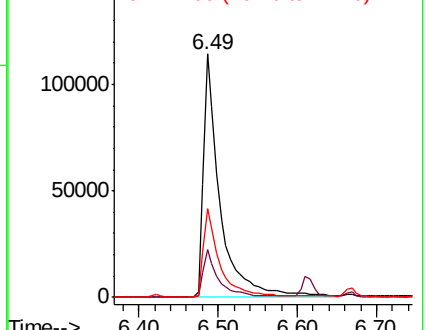
99 100

42 19.6 15.1 22.7

71 36.4 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: BF112540.D

Acq: 13 Feb 2019 15:49

Tgt Ion: 136 Resp: 461296

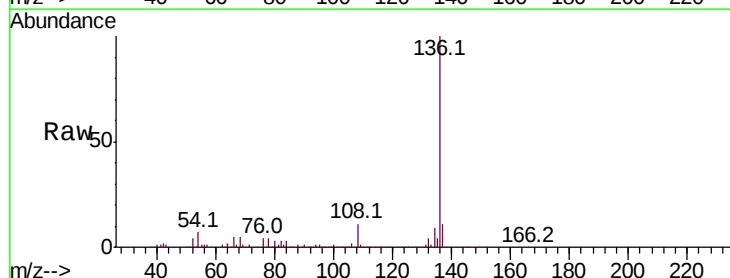
Ion Ratio Lower Upper

136 100

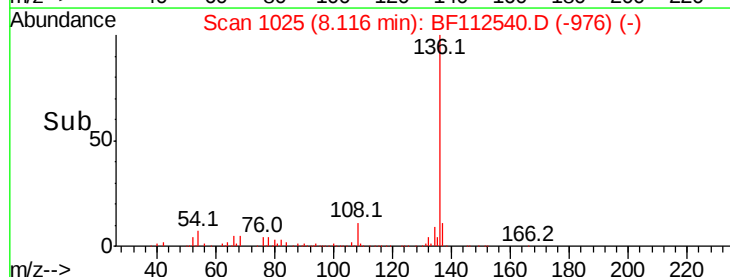
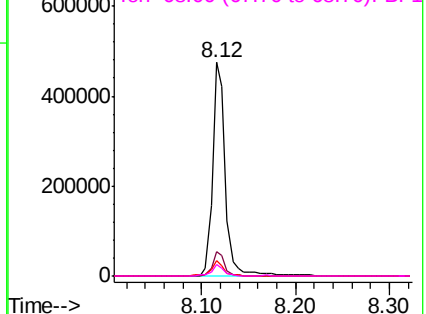
137 11.3 9.1 13.7

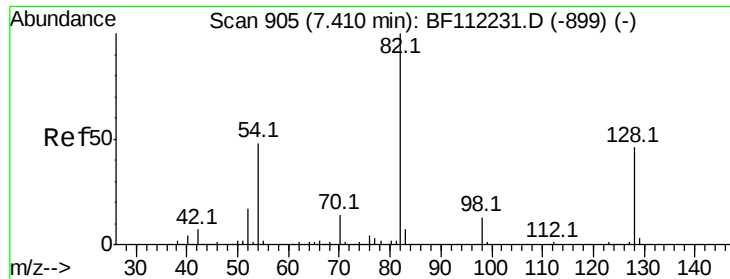
54 7.0 5.9 8.9

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

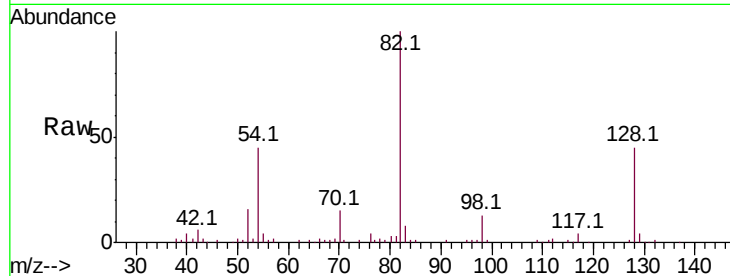




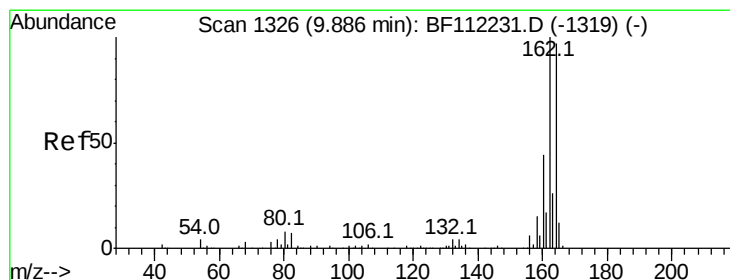
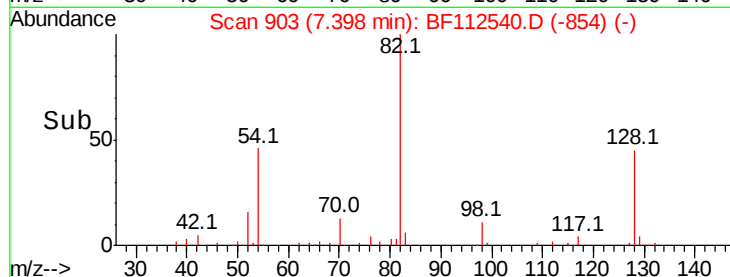
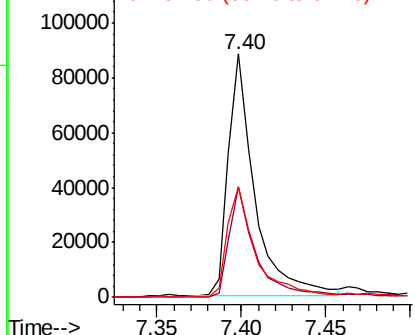
#23
 Nitrobenzene-d5
 Concen: 12.105 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112540.D
 Acq: 13 Feb 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-I

Tot Ion	82	Resp	96912
Ion Ratio	Lower	Upper	
82	100		
128	45.2	37.8	56.8
54	45.3	39.7	59.5

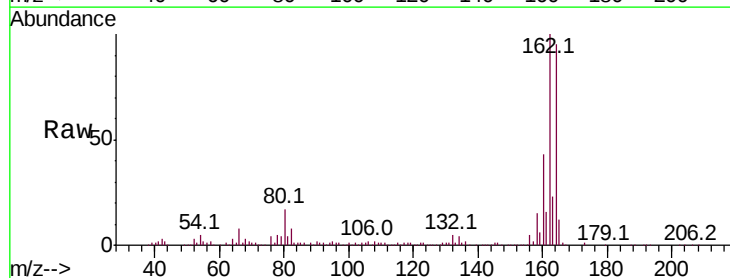


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

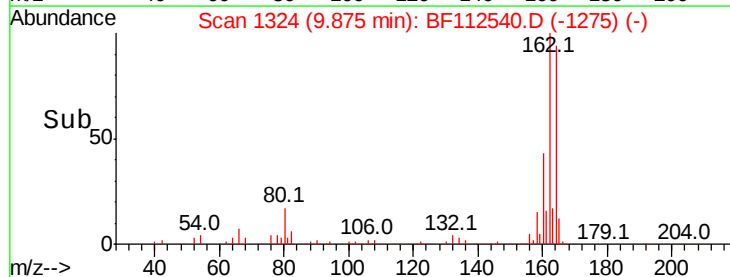
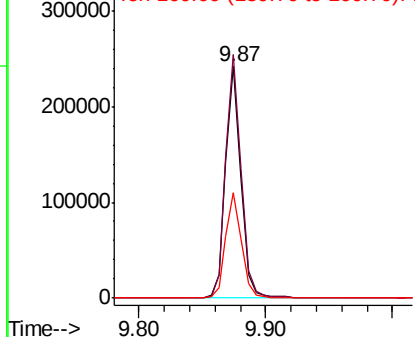


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112540.D
 Acq: 13 Feb 2019 15:49

Tgt Ion	164	Resp	204527
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.2	123.4
160	45.5	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

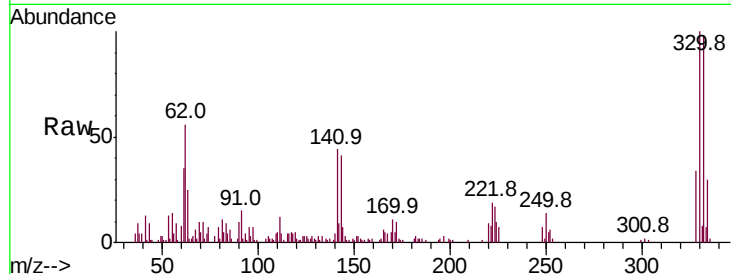




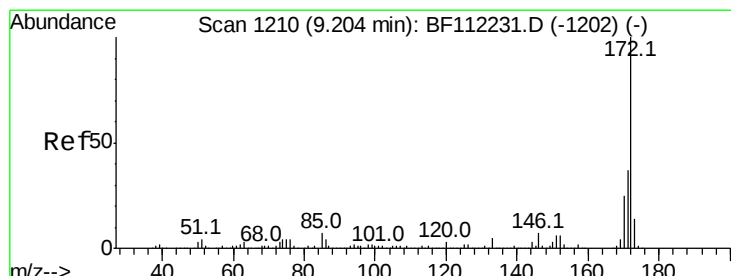
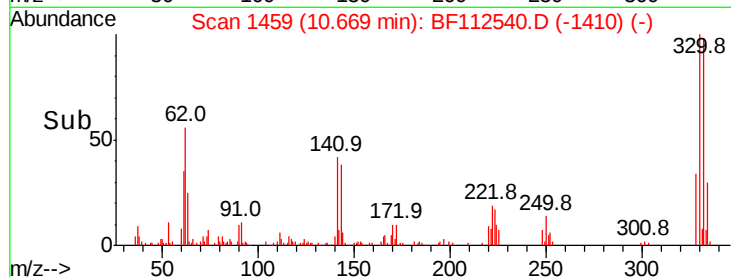
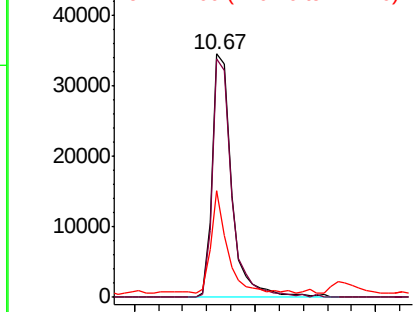
#42
 2,4,6-Tribromophenol
 Concen: 16.194 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112540.D
 Acq: 13 Feb 2019 15:49

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-I

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	36.0	24.3	36.5

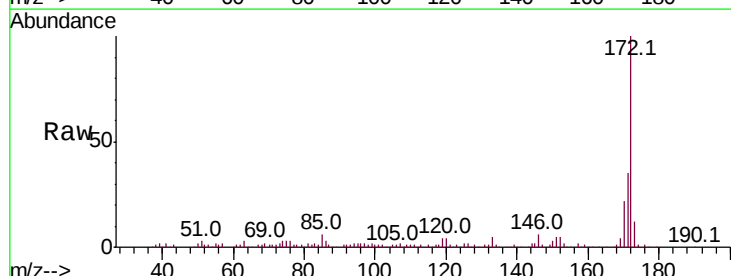


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

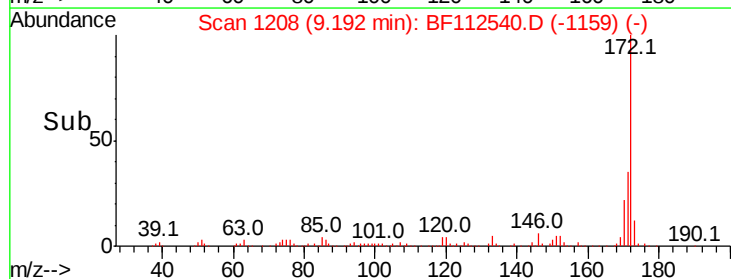
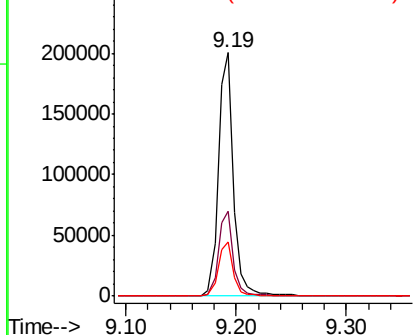


#45
 2-Fluorobiphenyl
 Concen: 13.095 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112540.D
 Acq: 13 Feb 2019 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.5	45.7
170	22.5	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

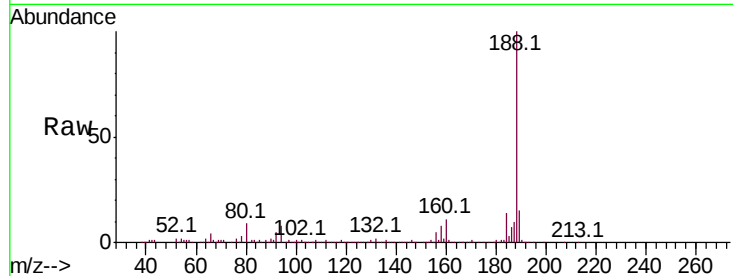




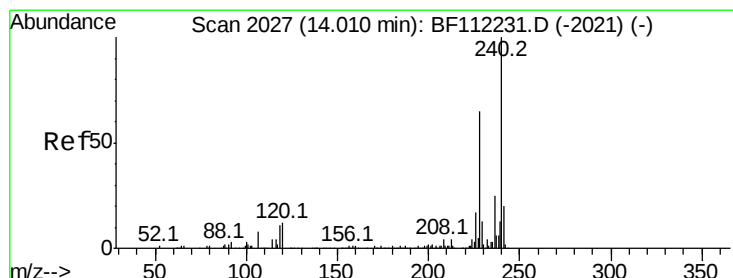
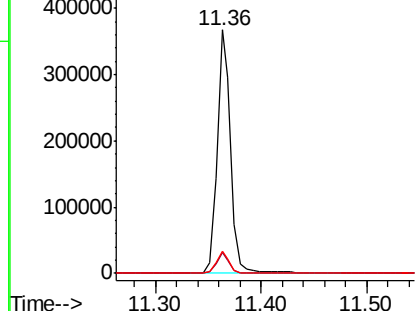
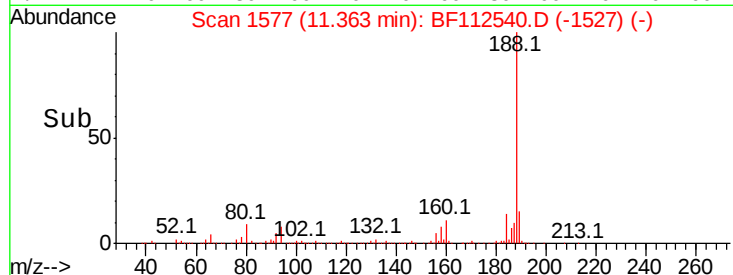
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112540.D
Acq: 13 Feb 2019 15:49

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-I

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.2	8.9	13.3

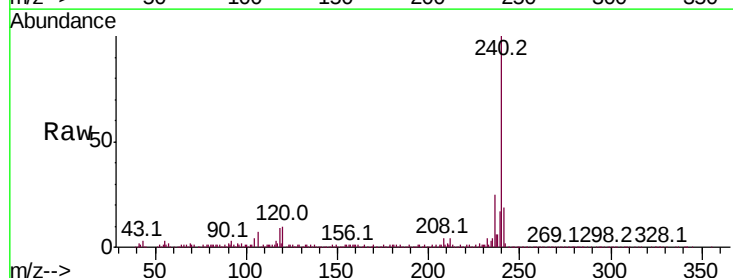


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

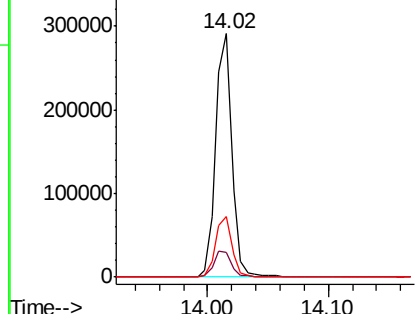
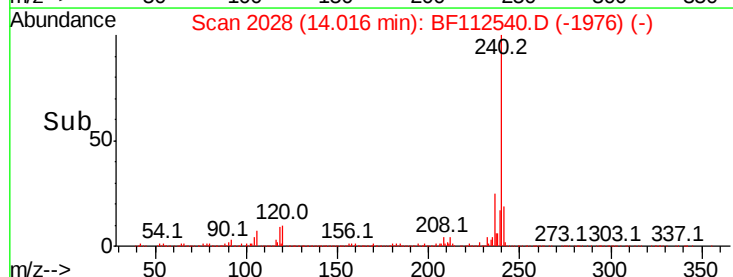


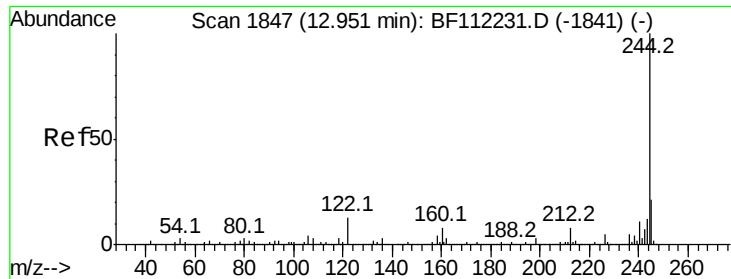
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112540.D
Acq: 13 Feb 2019 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.0	13.6
236	25.0	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: 10.293 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112540.D

Acq: 13 Feb 2019 15:49

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-I

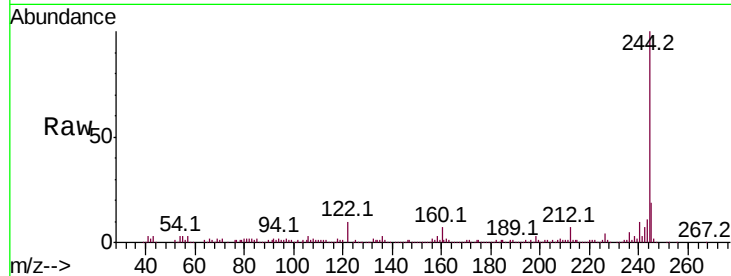
Tot Ion:244 Resp: 147250

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

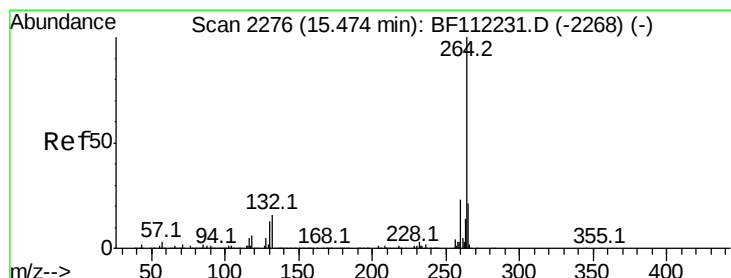
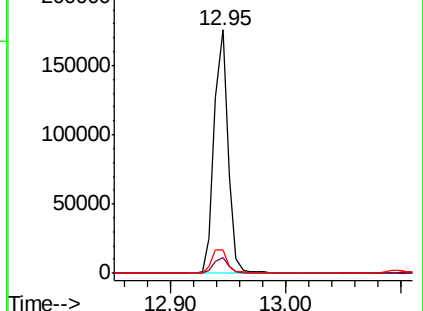
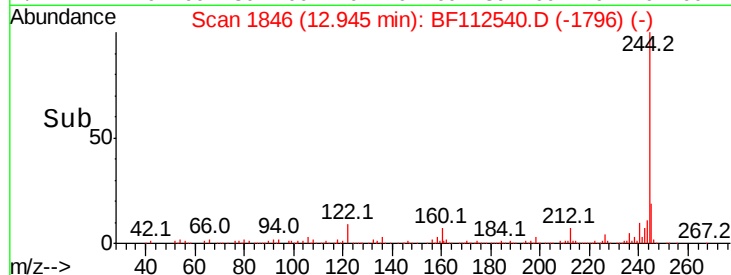
122 9.7 9.8 14.6#



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: 15.50 min Scan# 2280

Delta R.T. 0.02 min

Lab File: BF112540.D

Acq: 13 Feb 2019 15:49

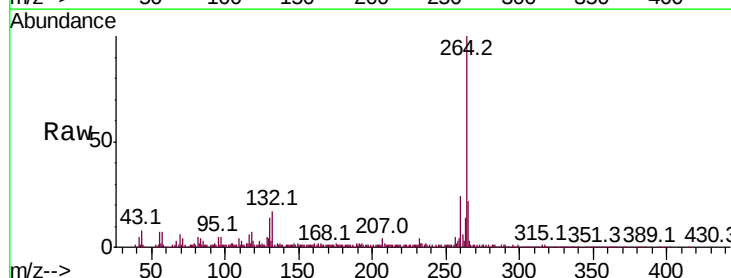
Tgt Ion:264 Resp: 201187

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.2

265 22.3 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

