

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112545.D
 Acq On : 13 Feb 2019 18:10
 Operator : JU/SJ
 Sample : K1343-31 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Feb 14 08:05:54 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	99138	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	384363	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	167422	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	282685	20.00	ng	0.00
76) Chrysene-d12	14.02	240	236989	20.00	ng	0.00
87) Perylene-d12	15.50	264	175013	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	133159	28.53	ng	0.00
7) Phenol-d6	6.49	99	173394	26.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	103987	15.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	39752	20.40	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	203483	17.19	ng	-0.01
79) Terphenyl-d14	12.94	244	180936	14.38	ng	0.00

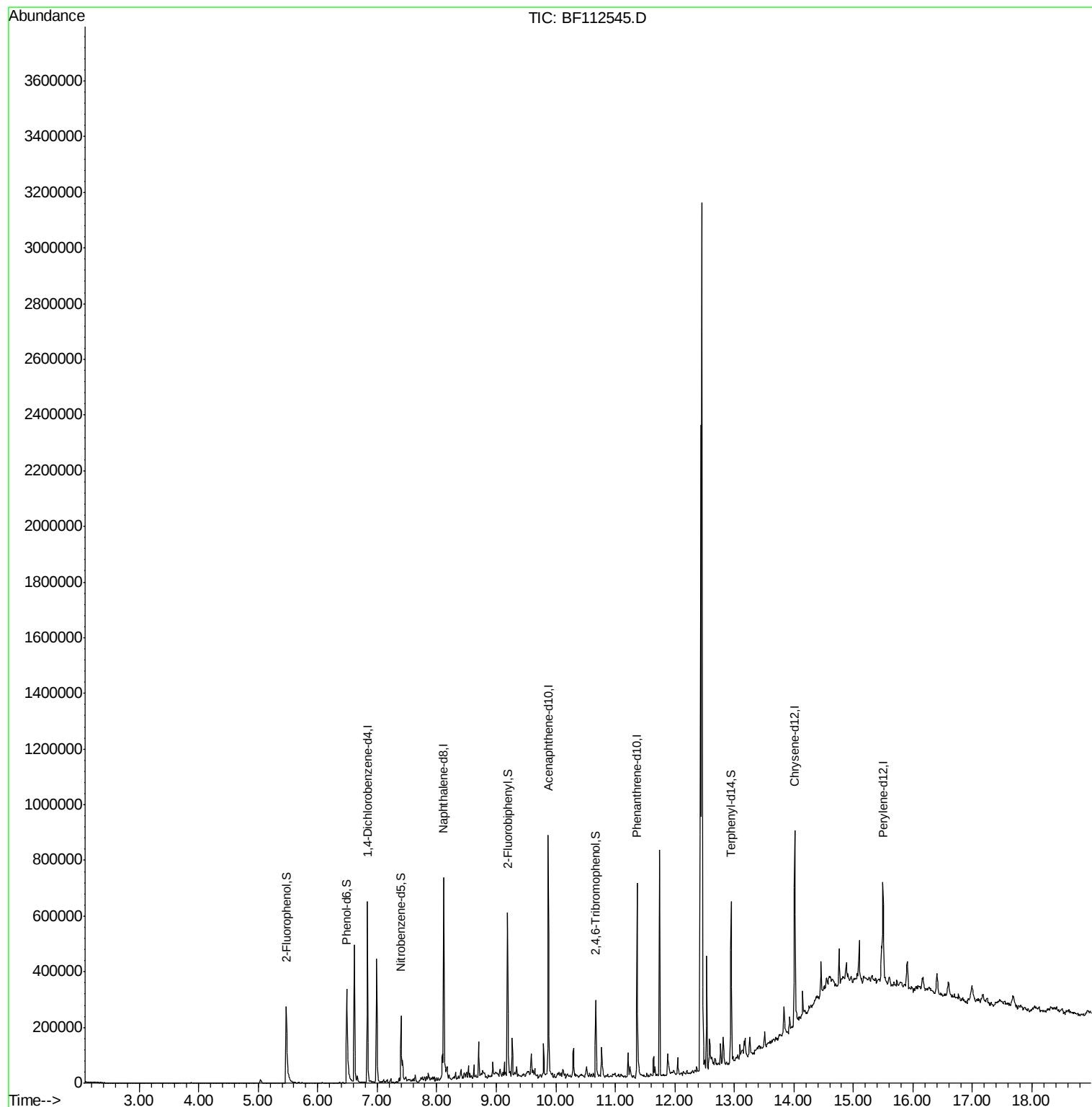
Target Compounds Qvalue

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

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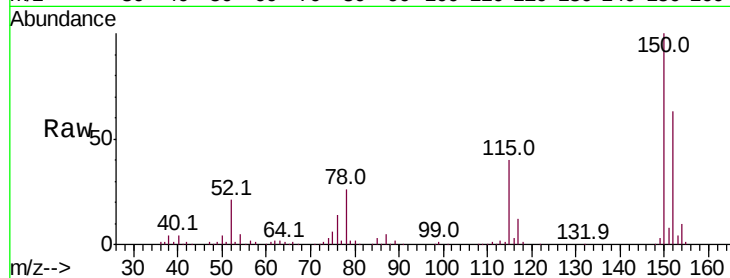


#1

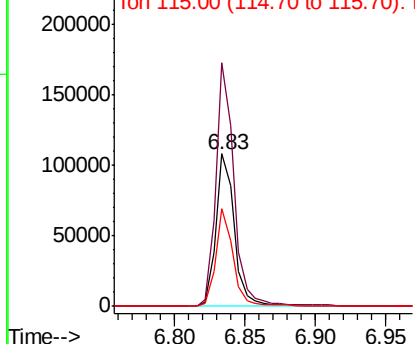
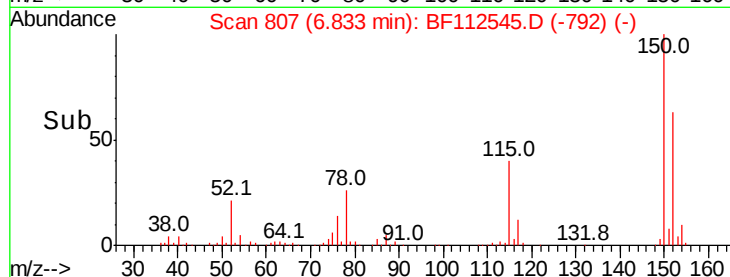
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112545.D
Acq: 13 Feb 2019 18:10

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

Tot Ion:152 Resp: 99138
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.0
115 64.1 45.5 68.3



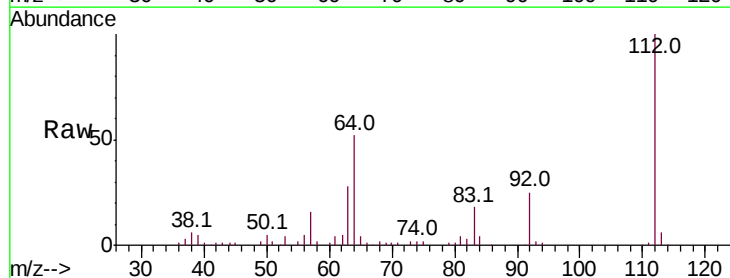
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



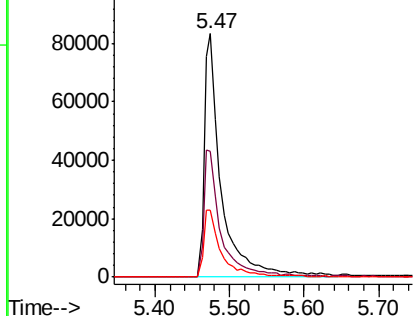
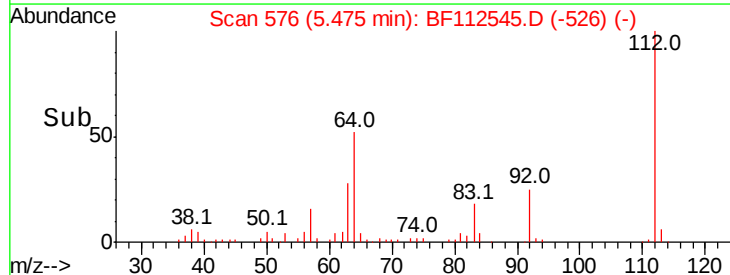
#5

2-Fluorophenol
Concen: 28.530 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112545.D
Acq: 13 Feb 2019 18:10

Tgt Ion:112 Resp: 133159
Ion Ratio Lower Upper
112 100
64 51.8 45.7 68.5
63 27.6 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: 26.735 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112545.D

Acq: 13 Feb 2019 18:10

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-P

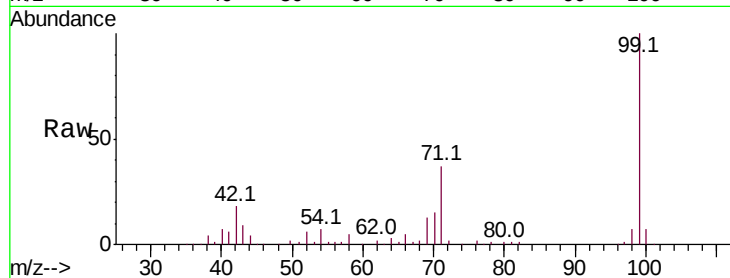
Tot Ion: 99 Resp: 173394

Ion Ratio Lower Upper

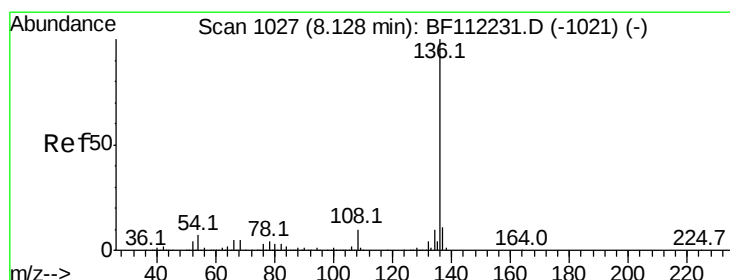
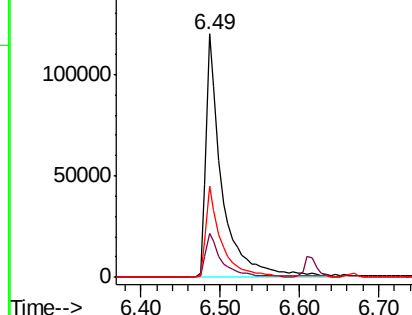
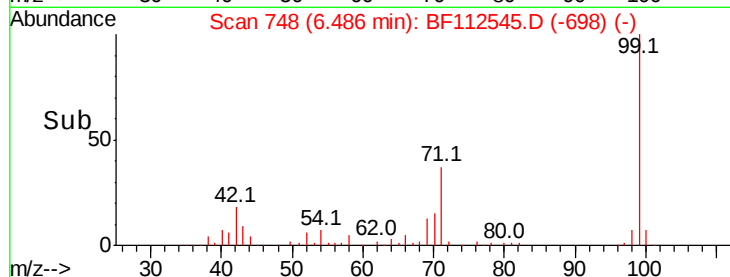
99 100

42 18.2 15.1 22.7

71 37.3 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: BF112545.D

Acq: 13 Feb 2019 18:10

Tgt Ion: 136 Resp: 384363

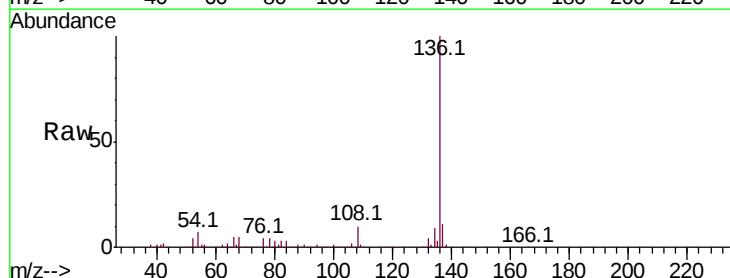
Ion Ratio Lower Upper

136 100

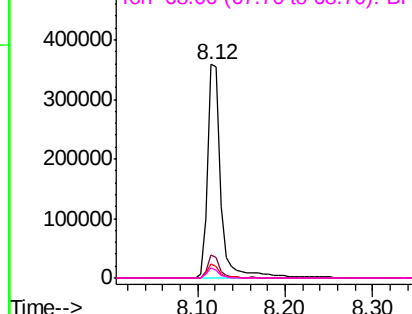
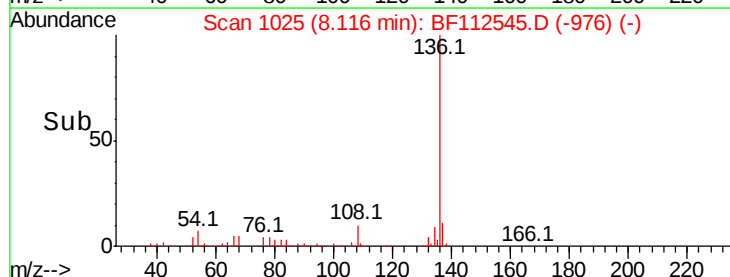
137 10.9 9.1 13.7

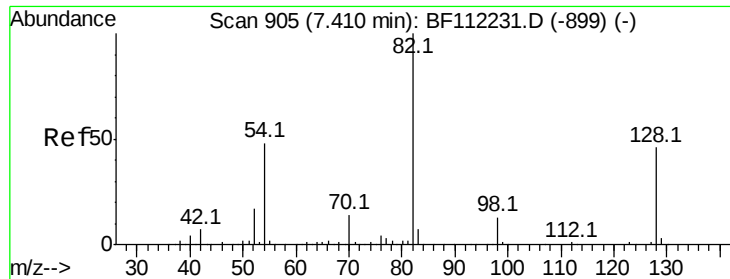
54 6.5 5.9 8.9

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

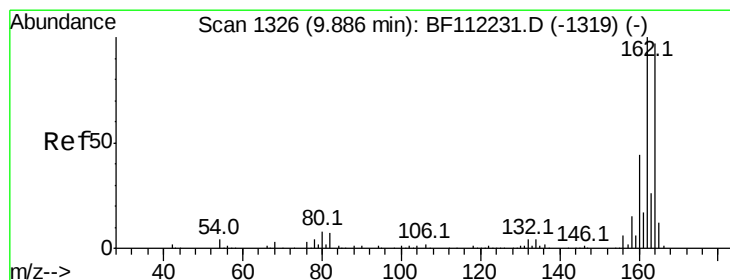
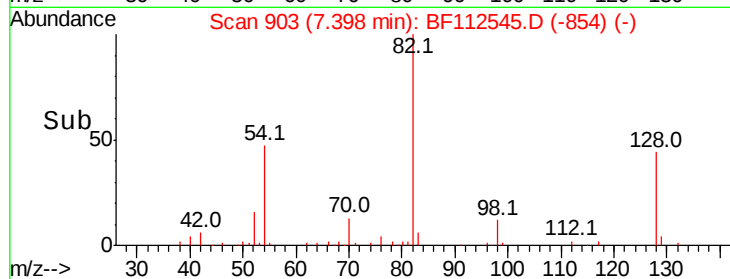
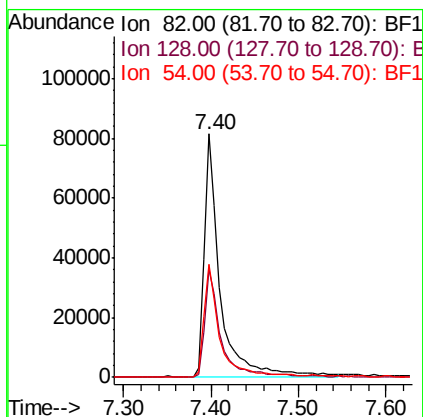
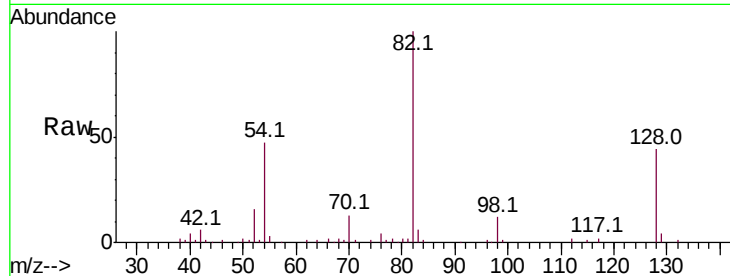




#23
 Nitrobenzene-d5
 Concen: 15.589 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112545.D
 Acq: 13 Feb 2019 18:10

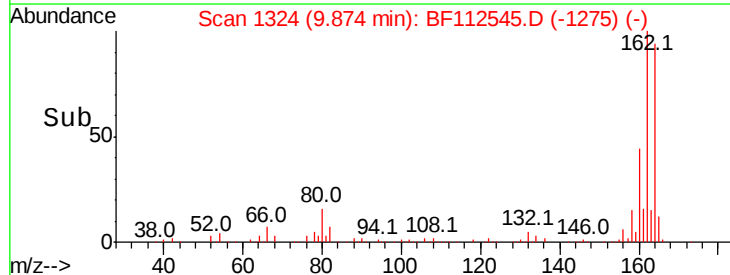
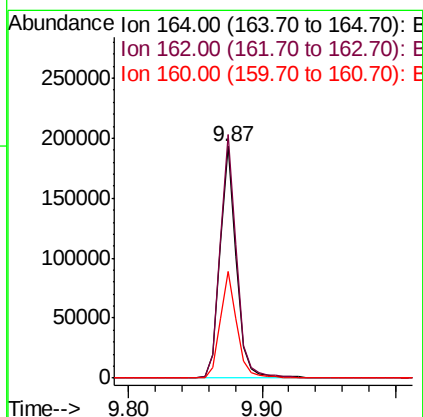
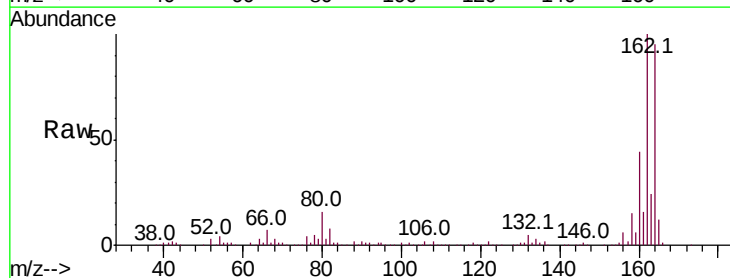
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-P

Tot Ion	82	Resp	103987
Ion Ratio	Lower	Upper	
82	100		
128	44.3	37.8	56.8
54	46.6	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: BF112545.D
 Acq: 13 Feb 2019 18:10

Tgt Ion	164	Resp	167422
Ion Ratio	Lower	Upper	
164	100		
162	105.1	82.2	123.4
160	46.1	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 20.399 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112545.D

Acq: 13 Feb 2019 18:10

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-P

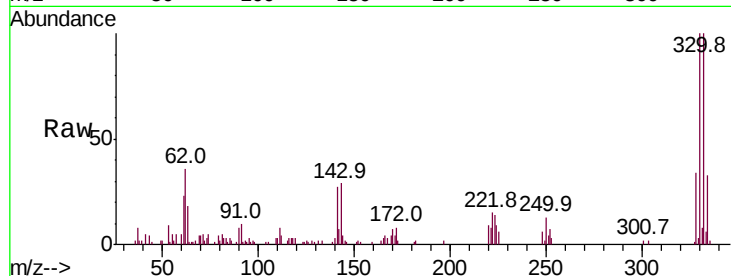
Tot Ion:330 Resp: 39752

Ion Ratio Lower Upper

330 100

332 97.6 76.6 114.8

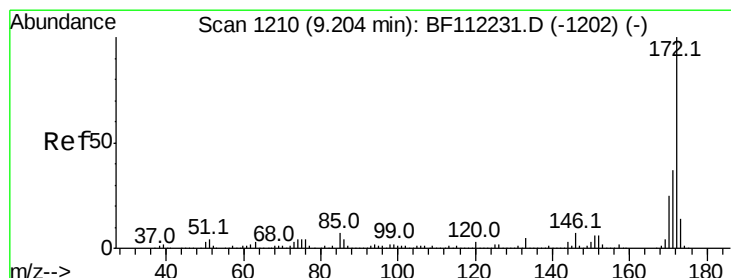
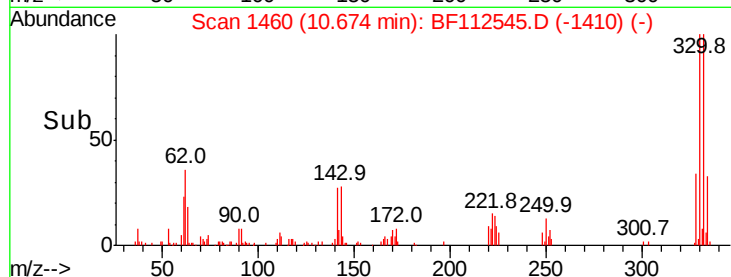
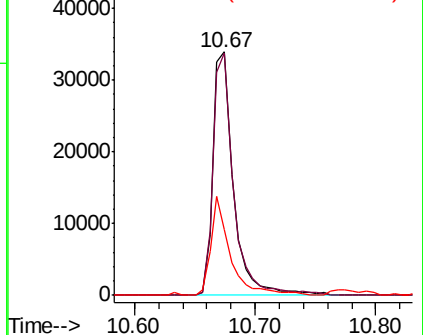
141 38.6 24.3 36.5#



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: 17.190 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112545.D

Acq: 13 Feb 2019 18:10

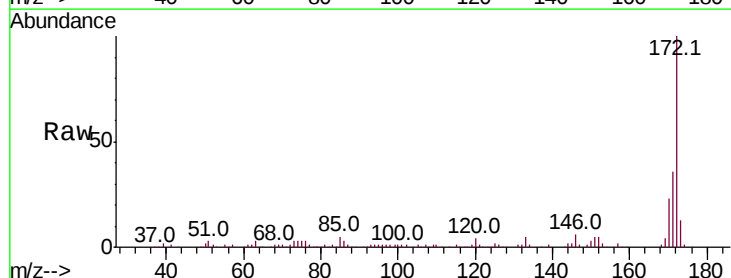
Tgt Ion:172 Resp: 203483

Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

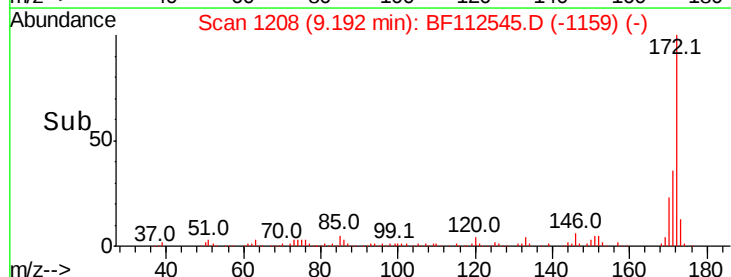
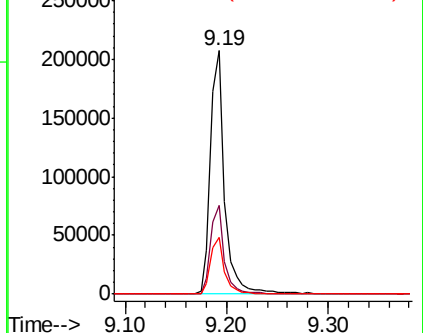
170 23.3 20.2 30.4



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: BF112545.D

Acq: 13 Feb 2019 18:10

Instrument :

BNA_F

ClientSampleId :

JC-02-021119-P

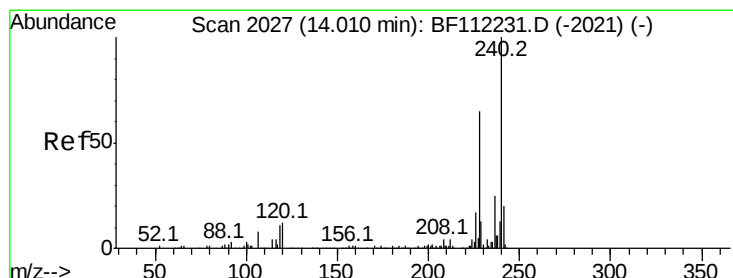
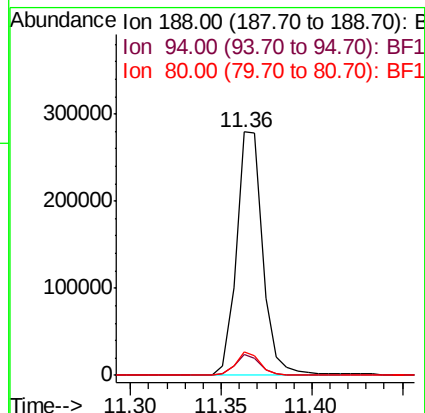
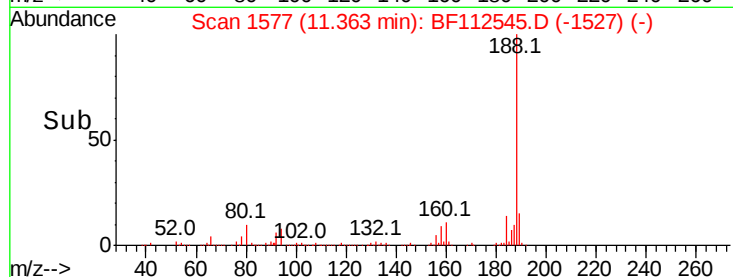
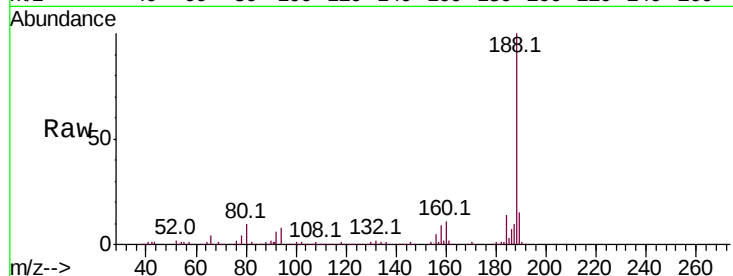
Tot Ion:188 Resp: 282685

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 9.7 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF112545.D

Acq: 13 Feb 2019 18:10

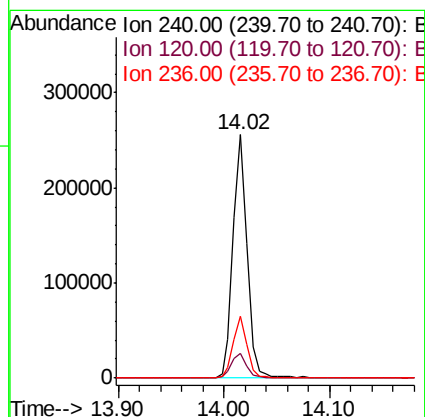
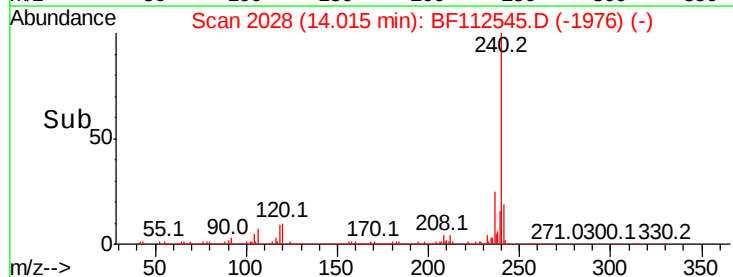
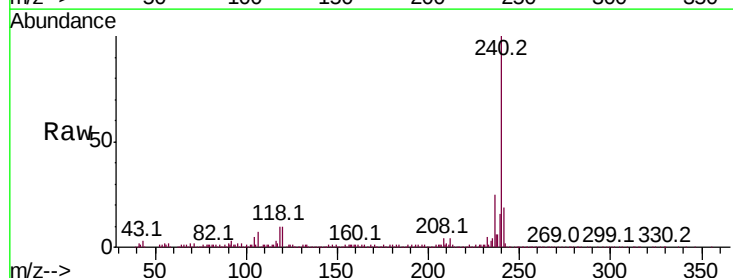
Tgt Ion:240 Resp: 236989

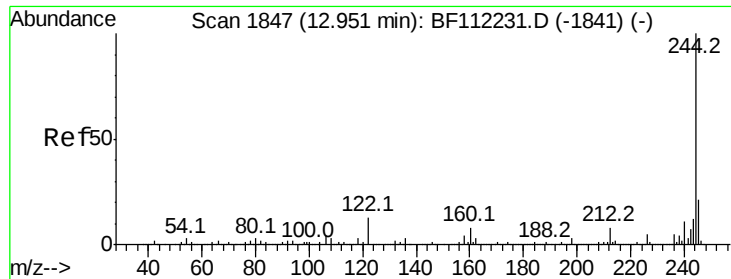
Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.6

236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 14.380 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112545.D

Acq: 13 Feb 2019 18:10

Instrument :

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JC-02-021119-P

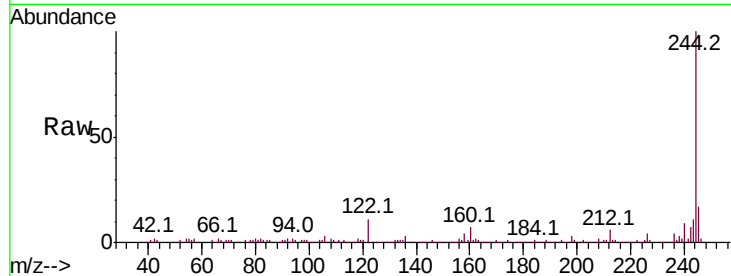
Tot Ion:244 Resp: 180936

Ion Ratio Lower Upper

244 100

212 6.0 5.9 8.9

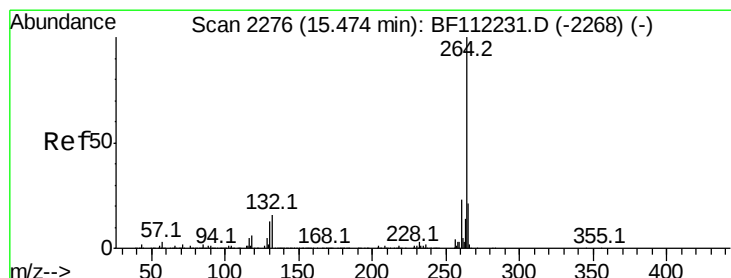
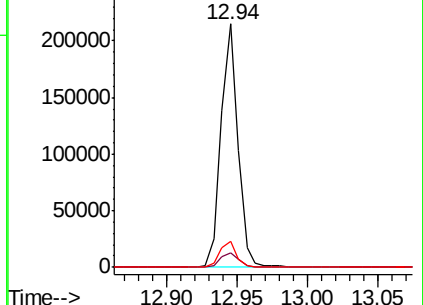
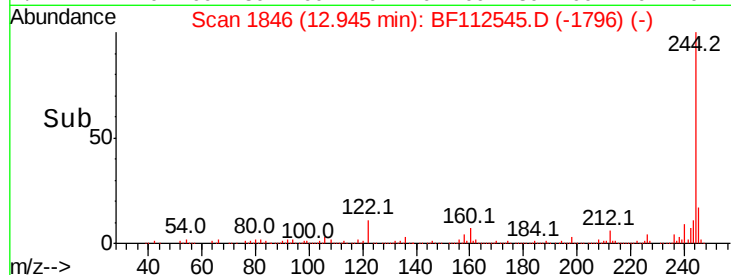
122 10.6 9.8 14.6



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: BF112545.D

Acq: 13 Feb 2019 18:10

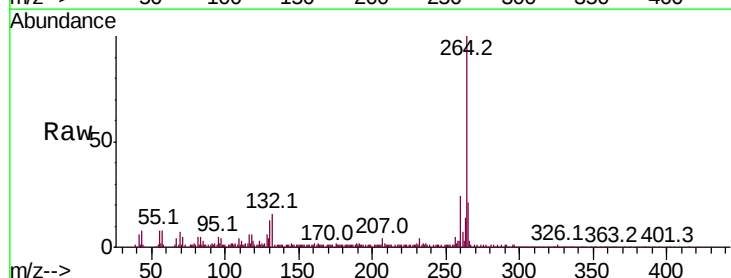
Tgt Ion:264 Resp: 175013

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.2

265 21.3 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

