

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112470.D
 Acq On : 8 Feb 2019 20:03
 Operator : JU/SJ
 Sample : K1349-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-020719-B

Quant Time: Feb 09 06:06:09 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	166345	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	644757	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	304976	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	528057	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	338086	20.00	ng	0.00
87) Perylene-d12	15.47	264	339723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1140408	145.62	ng	0.00
7) Phenol-d6	6.49	99	1297366	119.22	ng	0.00
23) Nitrobenzene-d5	7.40	82	1009607	90.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	400970	112.95	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1895487	87.90	ng	-0.01
79) Terphenyl-d14	12.94	244	1669366	93.00	ng	0.00

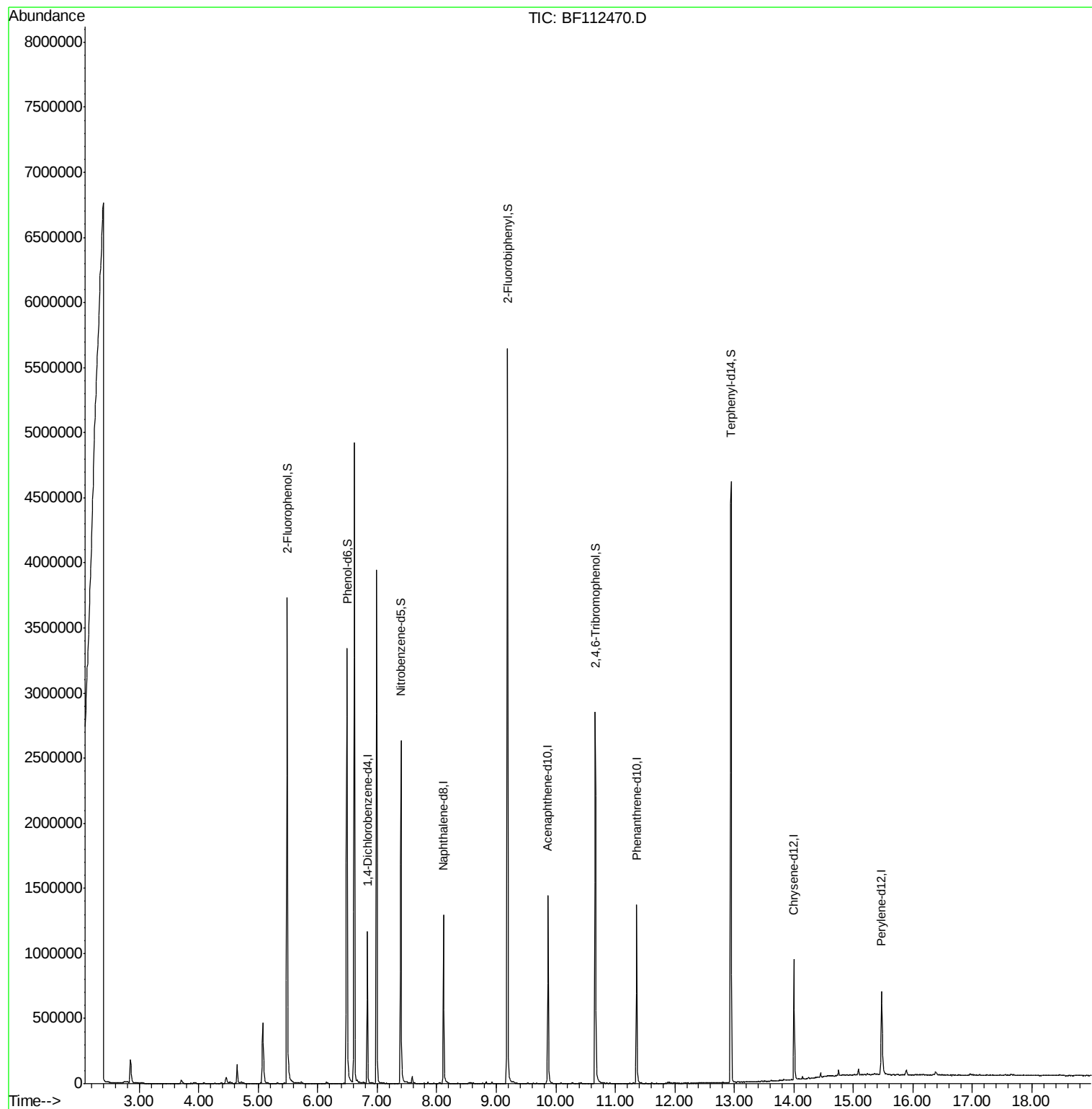
Target Compounds Qvalue

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

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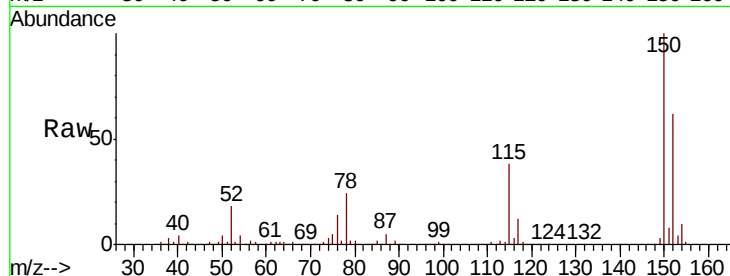


#1

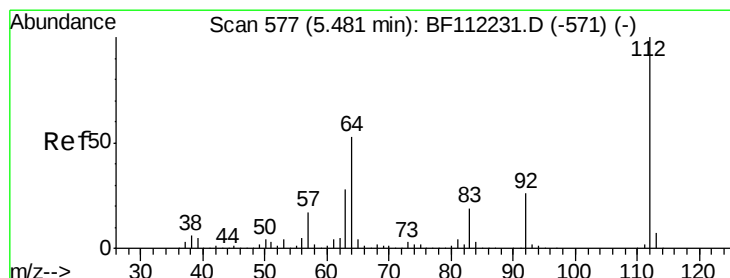
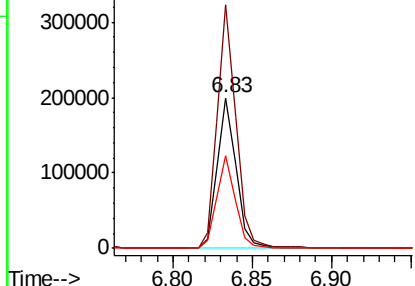
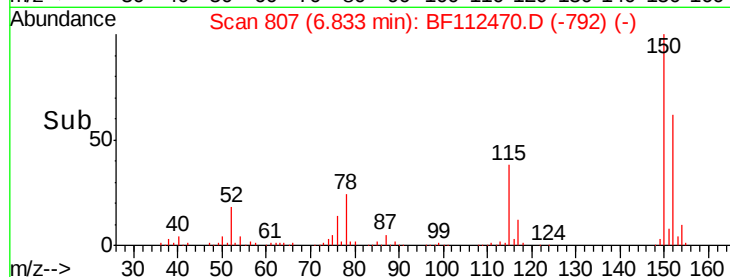
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112470.D
Acq: 8 Feb 2019 20:03

Instrument :
BNA_F
ClientSampleId :
OR-03-020719-B

Tot Ion:152 Resp: 166345
Ion Ratio Lower Upper
152 100
150 161.5 127.4 191.0
115 61.2 45.5 68.3



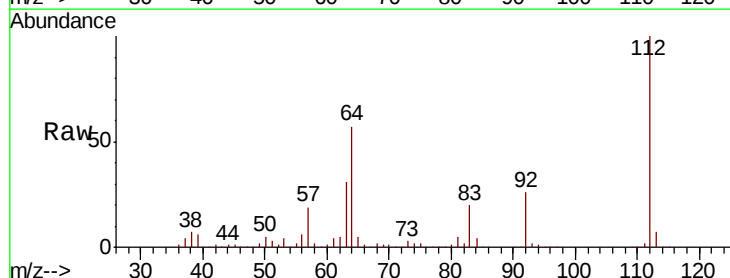
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



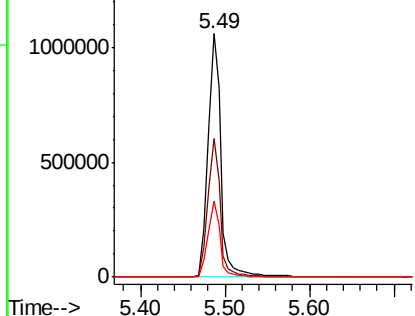
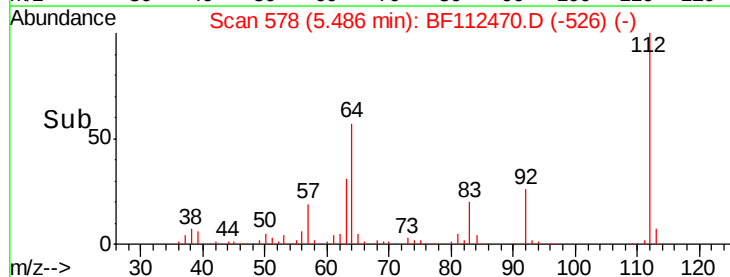
#5

2-Fluorophenol
Concen: 145.619 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112470.D
Acq: 8 Feb 2019 20:03

Tgt Ion:112 Resp: 1140408
Ion Ratio Lower Upper
112 100
64 57.1 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: 119.219 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112470.D

Acq: 8 Feb 2019 20:03

Instrument :

BNA_F

ClientSampleId :

OR-03-020719-B

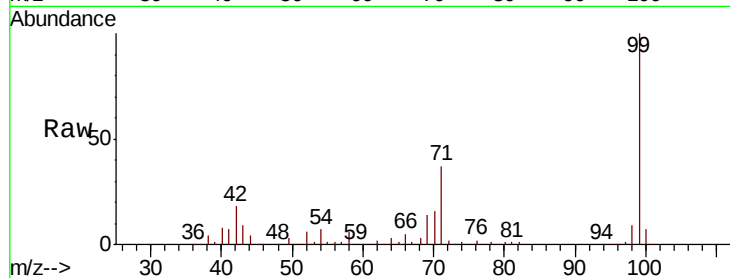
Tot Ion: 99 Resp: 1297366

Ion Ratio Lower Upper

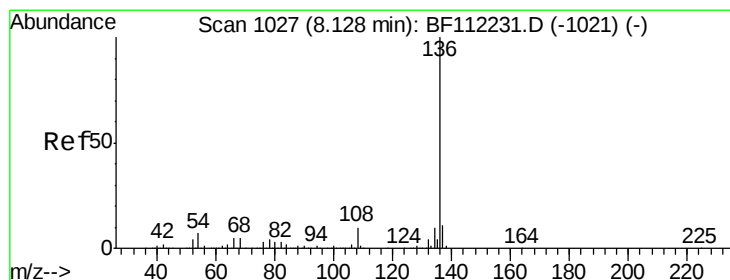
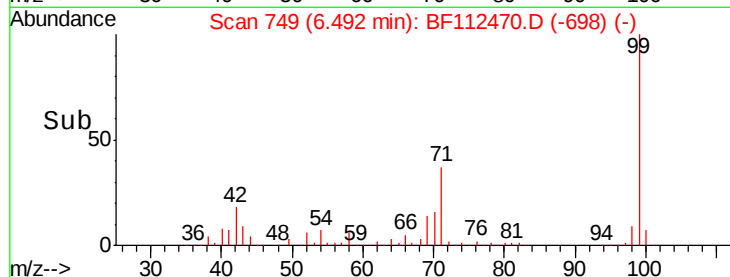
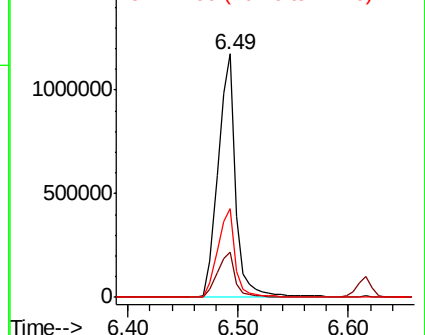
99 100

42 18.4 15.1 22.7

71 36.7 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: BF112470.D

Acq: 8 Feb 2019 20:03

Tgt Ion: 136 Resp: 644757

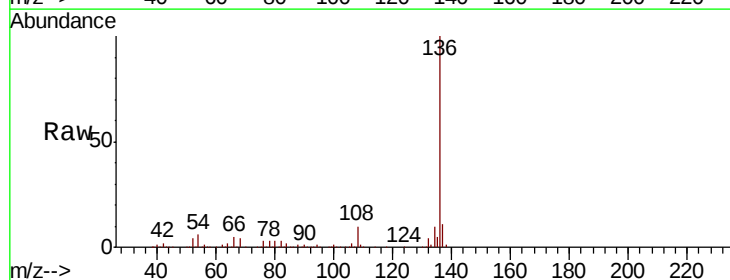
Ion Ratio Lower Upper

136 100

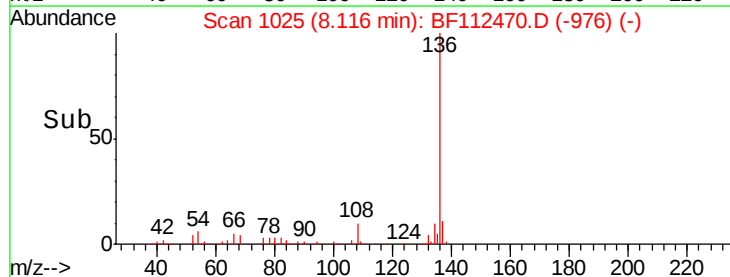
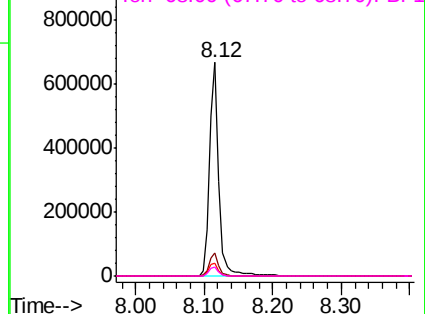
137 10.9 9.1 13.7

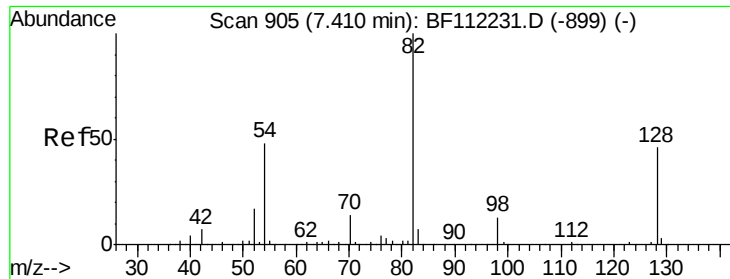
54 6.0 5.9 8.9

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

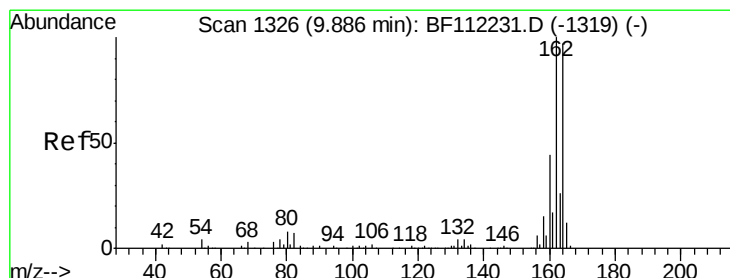
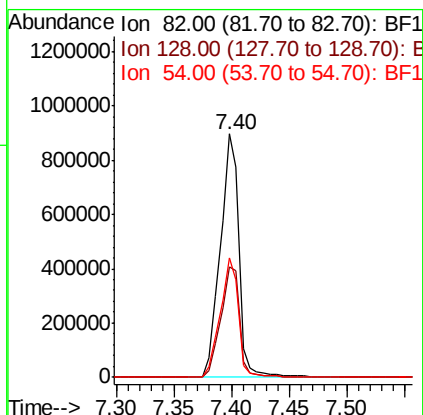
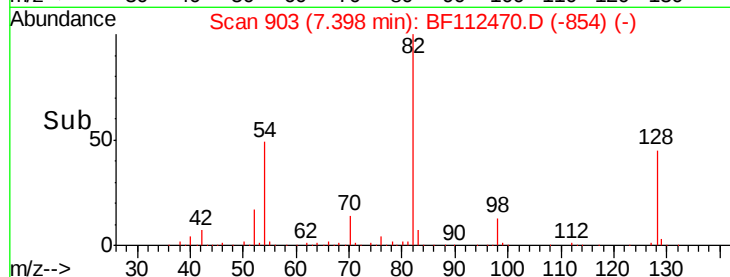
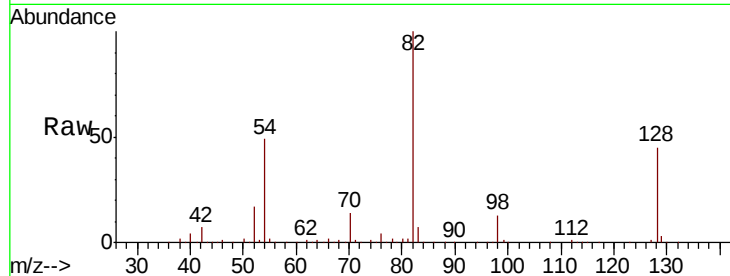




#23
Nitrobenzene-d5
Concen: 90.225 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112470.D
Acq: 8 Feb 2019 20:03

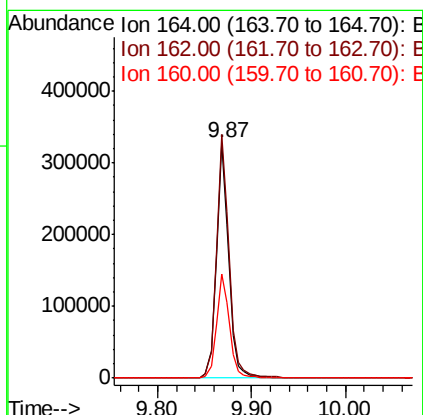
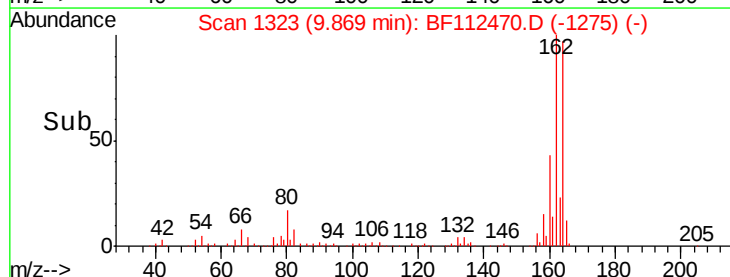
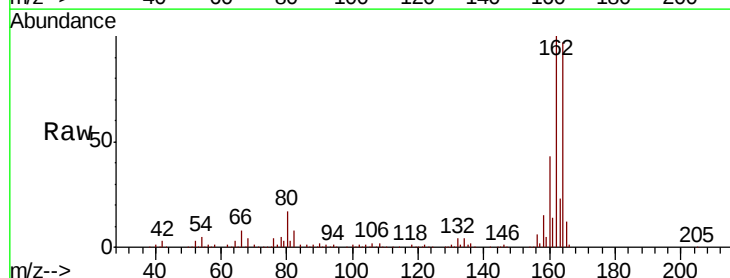
Instrument :
BNA_F
ClientSampleId :
OR-03-020719-B

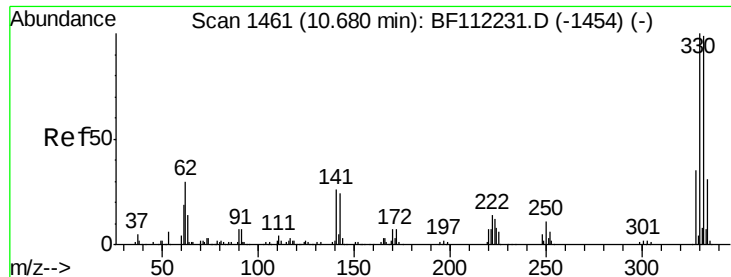
Tot Ion: 82 Resp: 1009607
Ion Ratio Lower Upper
82 100
128 45.3 37.8 56.8
54 49.0 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112470.D
Acq: 8 Feb 2019 20:03

Tgt Ion:164 Resp: 304976
Ion Ratio Lower Upper
164 100
162 103.6 82.2 123.4
160 44.3 36.2 54.4

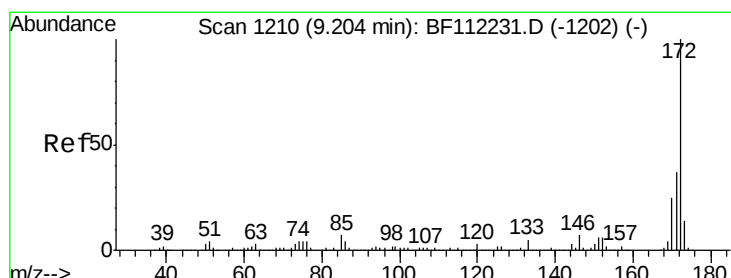
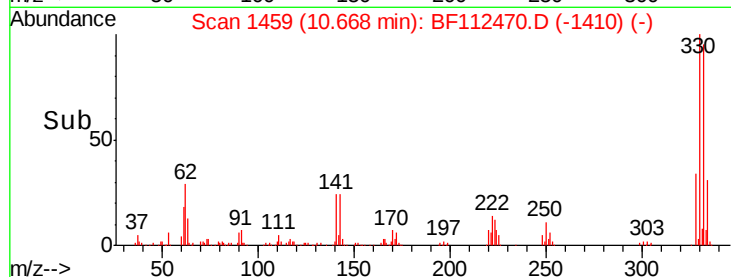
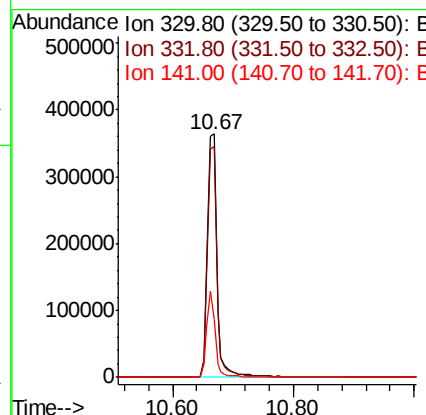
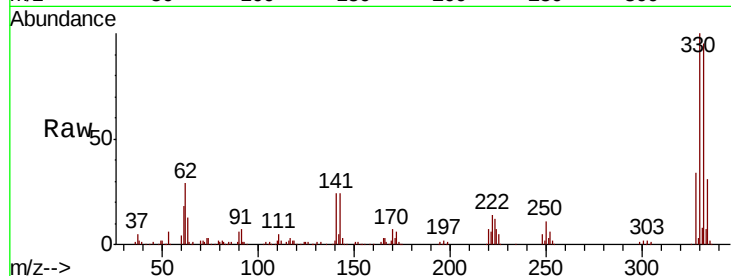




#42
 2,4,6-Tribromophenol
 Concen: 112.955 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112470.D
 Acq: 8 Feb 2019 20:03

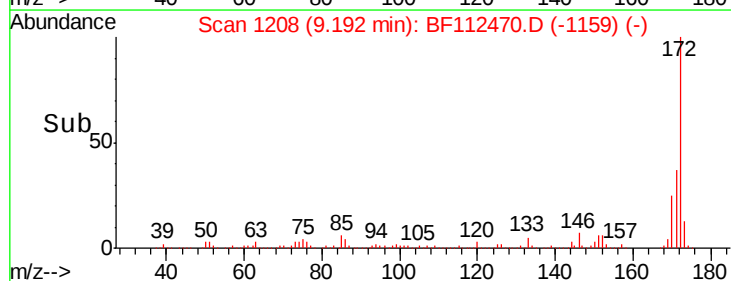
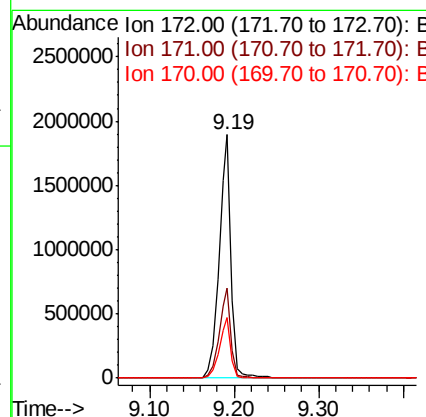
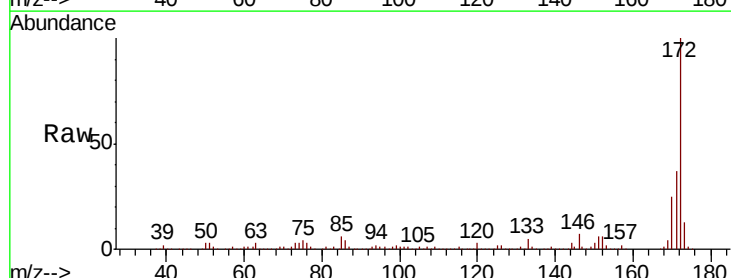
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-020719-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	114.8
141	31.9	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 87.904 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112470.D
 Acq: 8 Feb 2019 20:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.7	20.2	30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112470.D

Acq: 8 Feb 2019 20:03

Instrument :

BNA_F

ClientSampleId :

OR-03-020719-B

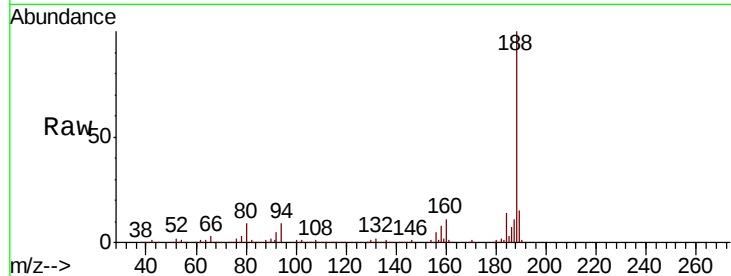
Tot Ion:188 Resp: 528057

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

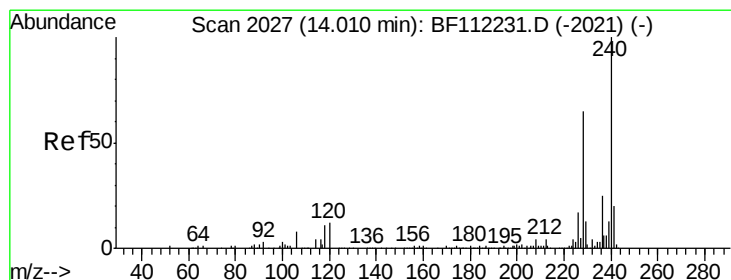
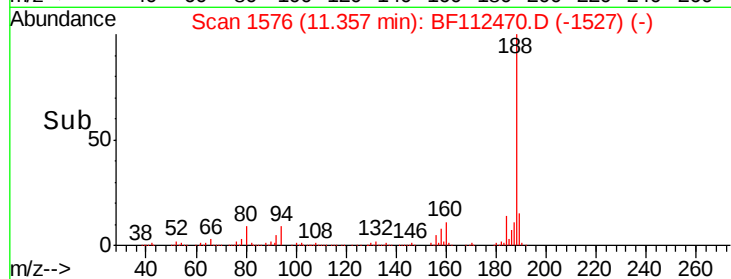
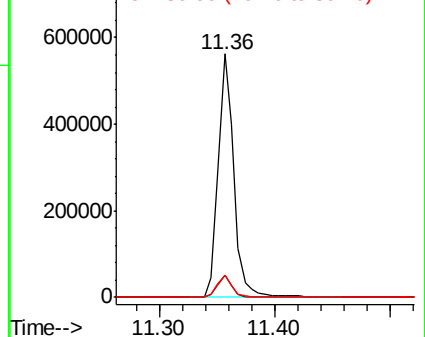
80 9.3 8.9 13.3



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: BF112470.D

Acq: 8 Feb 2019 20:03

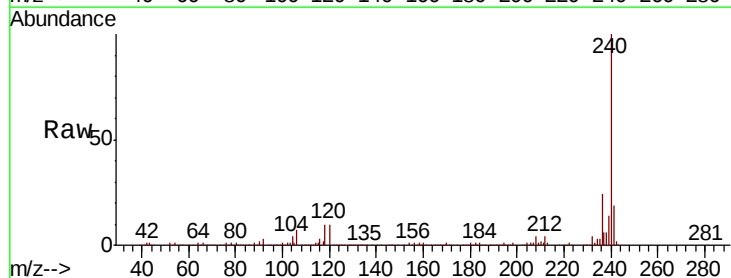
Tgt Ion:240 Resp: 338086

Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.6

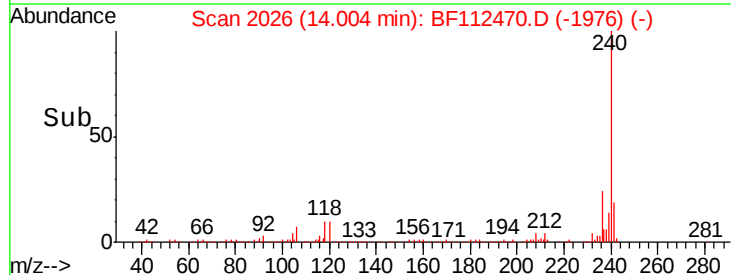
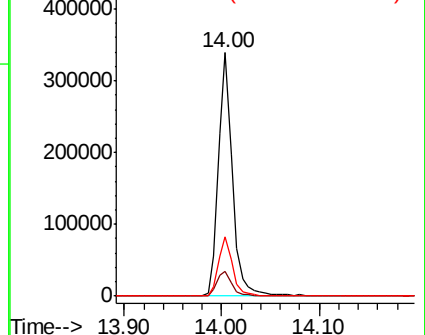
236 24.4 20.7 31.1



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: 92.999 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112470.D

Acq: 8 Feb 2019 20:03

Instrument :

BNA_F

ClientSampleId :

OR-03-020719-B

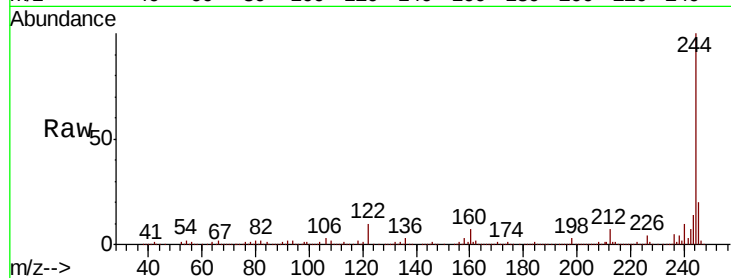
Tot Ion:244 Resp: 1669366

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

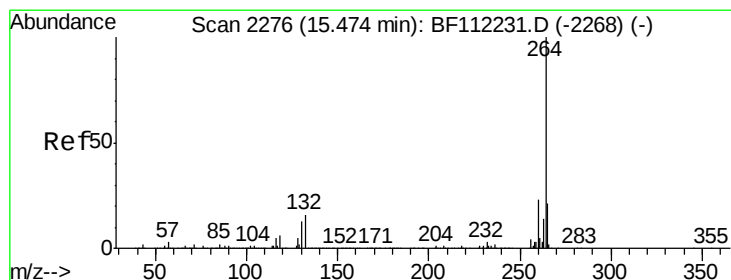
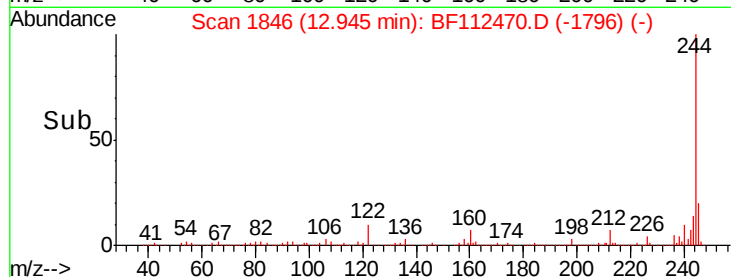
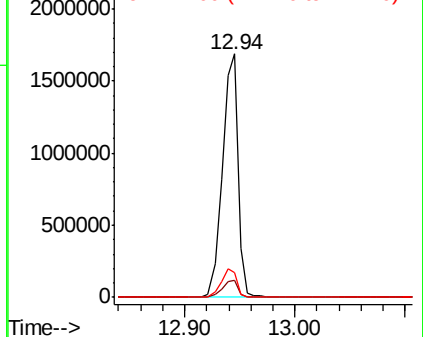
122 10.3 9.8 14.6



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: BF112470.D

Acq: 8 Feb 2019 20:03

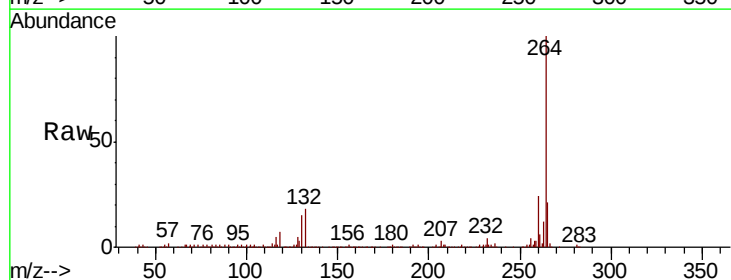
Tgt Ion:264 Resp: 339723

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.2

265 21.2 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

