

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116769.D
 Acq On : 3 Sep 2019 13:50
 Operator : HP/JU
 Sample : K4514-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S301A-J-3.0-3.5-082319

Quant Time: Sep 03 14:47:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	92669	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	363322	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	185210	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	319380	20.00	ng	0.00
76) Chrysene-d12	13.99	240	285693	20.00	ng	0.00
87) Perylene-d12	15.44	264	295505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	555033	97.03	ng	0.00
7) Phenol-d6	6.47	99	781670	104.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	469663	73.80	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	157826	127.47	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	737014	67.13	ng	-0.01
79) Terphenyl-d14	12.94	244	771289	49.94	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	30418	3.657	ng	90
50) Dimethylphthalate	9.59	163	180705	14.132	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116769.D

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Instrument :

BNA_F

ClientSampleId :

S301A-J-3.0-3.5-082319

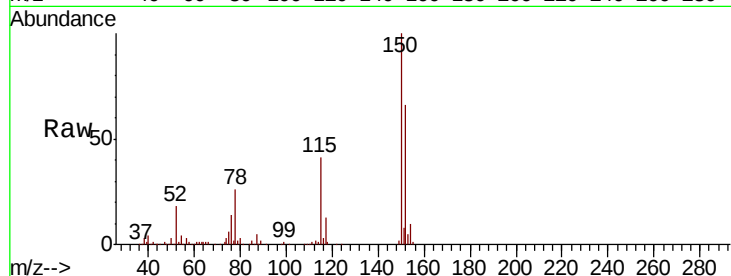
Tot Ion:152 Resp: 92669

Ion Ratio Lower Upper

152 100

150 150.4 124.4 186.6

115 61.2 49.9 74.9

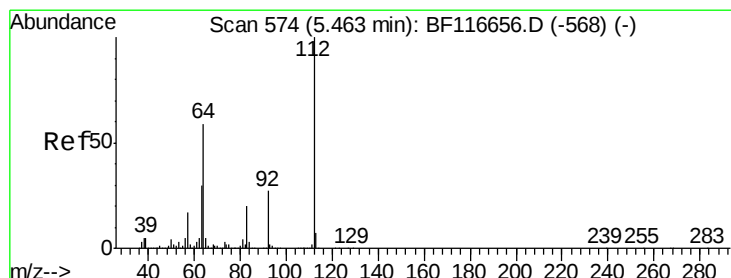
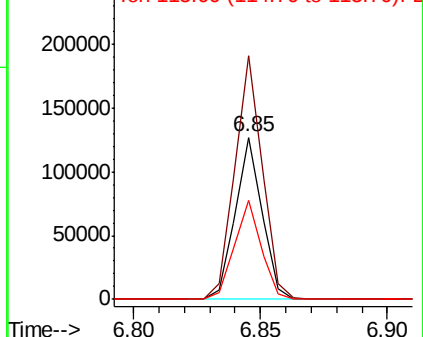
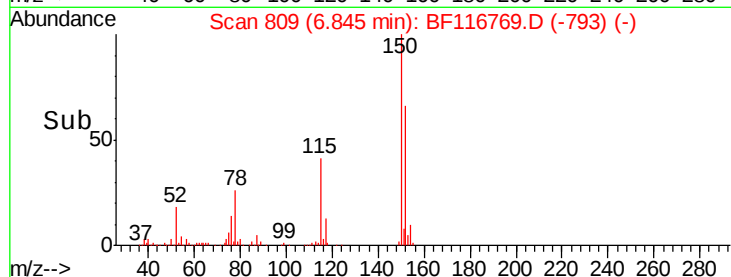


Abundance

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: 97.032 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116769.D

Acq: 3 Sep 2019 13:50

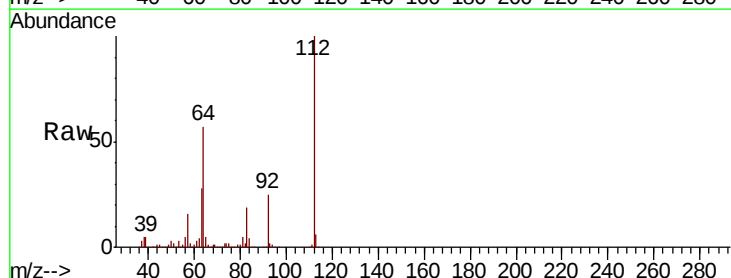
Tgt Ion:112 Resp: 555033

Ion Ratio Lower Upper

112 100

64 57.2 47.1 70.7

63 28.1 24.9 37.3

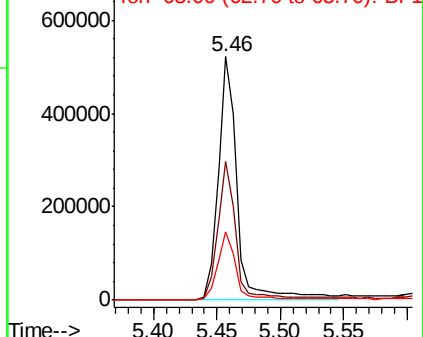
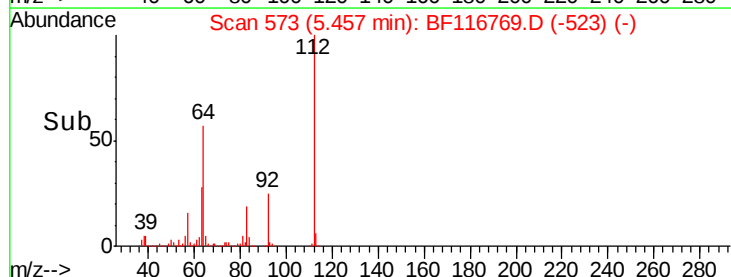


Abundance

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: 104.068 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116769.D

Acq: 3 Sep 2019 13:50

Instrument :

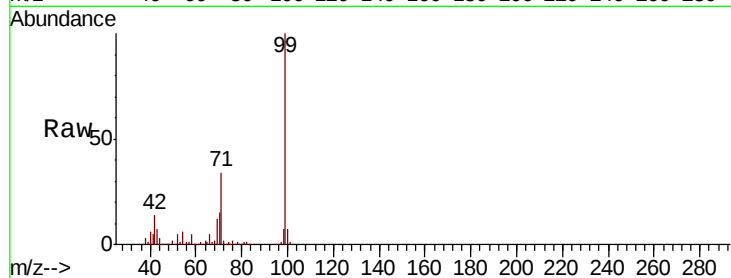
BNA_F

ClientSampleId :

S301A-J-3.0-3.5-082319

Tot Ion: 99 Resp: 781670

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.7	20.5
71	33.5	30.8	46.2

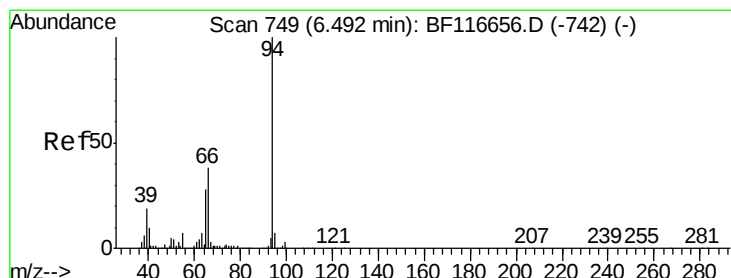
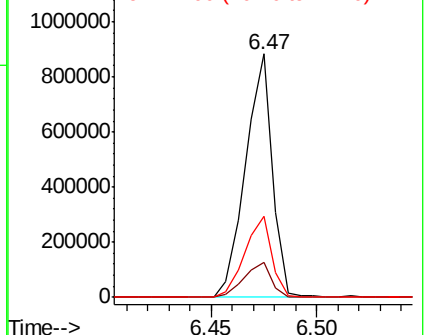
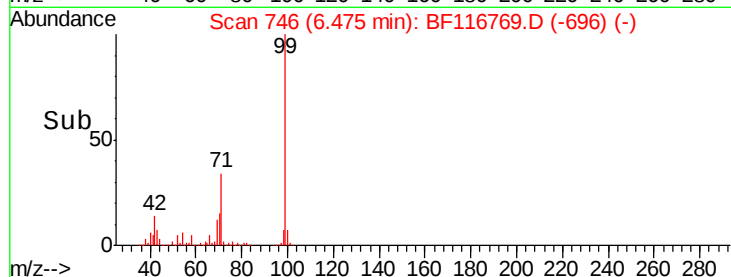


Abundance

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



#10

Phenol

Concen: 3.657 ng

RT: 6.49 min Scan# 748

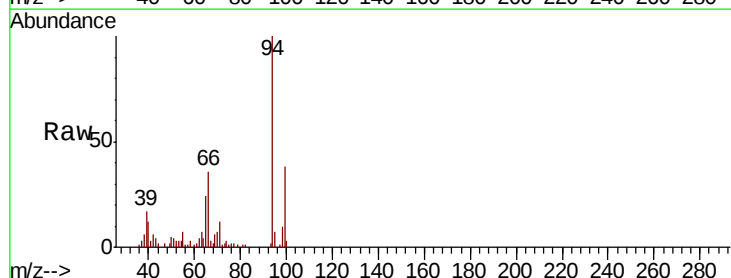
Delta R.T. -0.01 min

Lab File: BF116769.D

Acq: 3 Sep 2019 13:50

Tgt Ion: 94 Resp: 30418

Ion	Ratio	Lower	Upper
94	100		
65	23.8	10.8	50.8
66	35.7	21.1	61.1

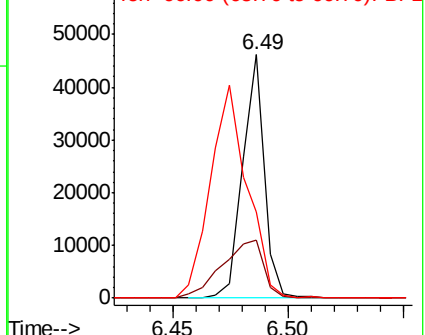
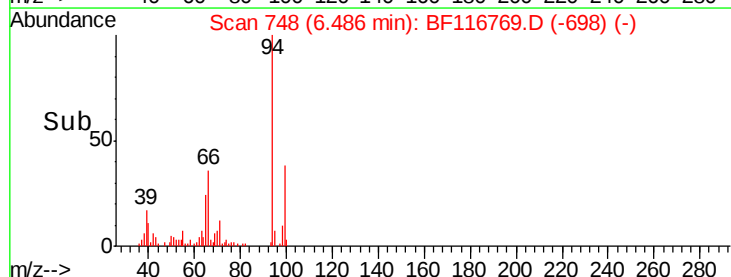


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

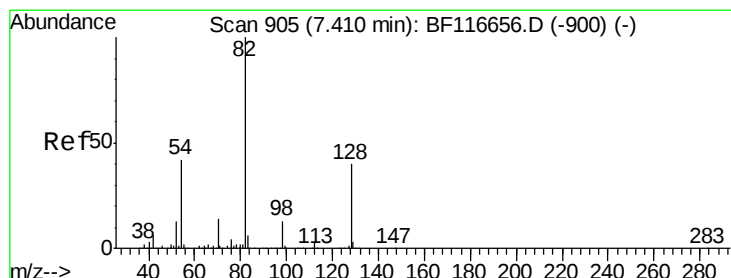
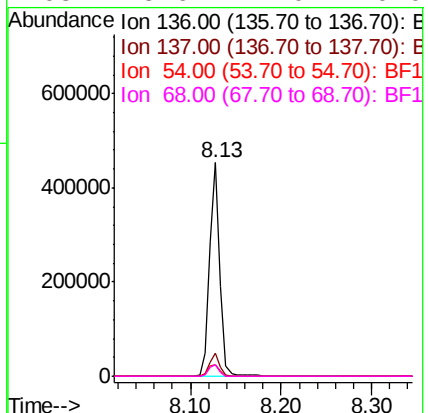
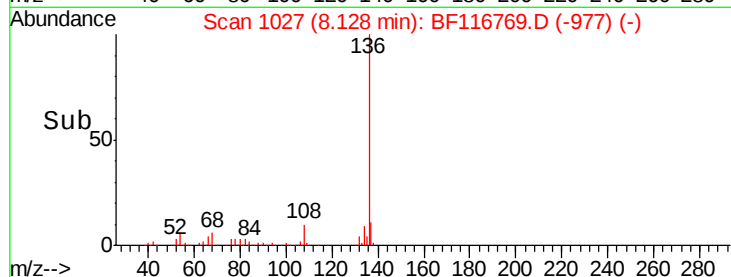
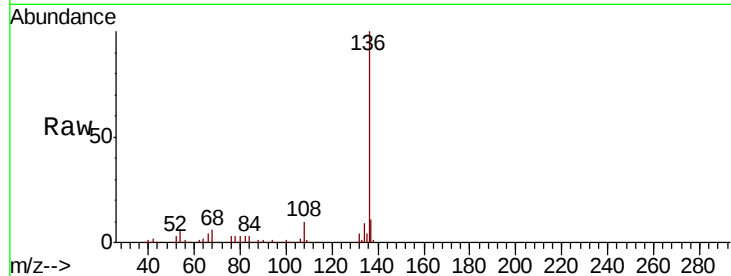




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116769.D
Acq: 3 Sep 2019 13:50

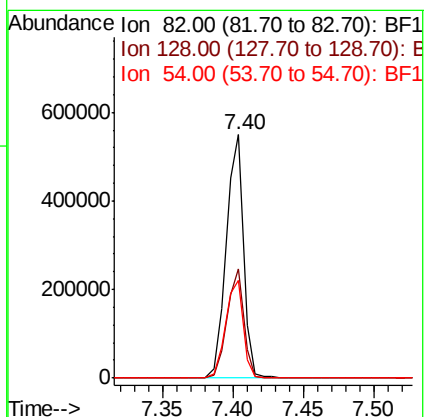
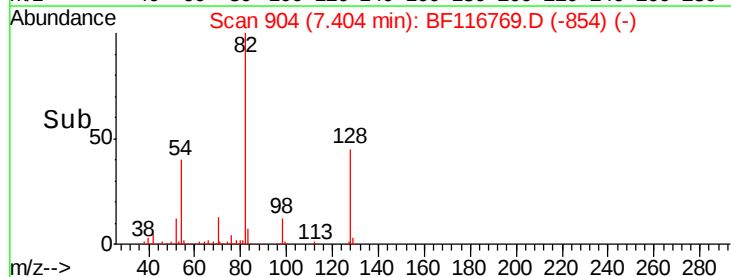
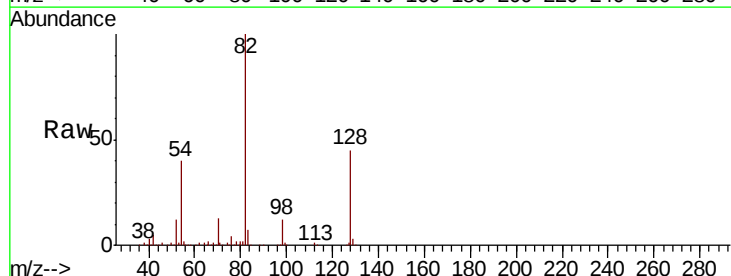
Instrument :
BNA_F
ClientSampleId :
S301A-J-3.0-3.5-082319

Tot Ion:136	Resp:	363322
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 5.7	4.8	7.2
68 5.6	4.0	6.0



#23
Nitrobenzene-d5
Concen: 73.796 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116769.D
Acq: 3 Sep 2019 13:50

Tgt Ion: 82	Resp: 469663
Ion Ratio	Lower Upper
82 100	
128 44.9	32.8 49.2
54 40.4	36.9 55.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116769.D

Acq: 3 Sep 2019 13:50

Instrument :

BNA_F

ClientSampleId :

S301A-J-3.0-3.5-082319

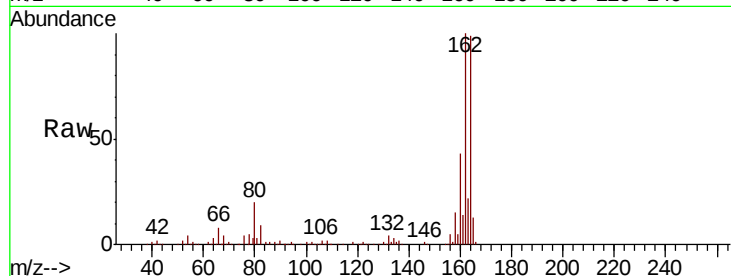
Tot Ion:164 Resp: 185210

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.0

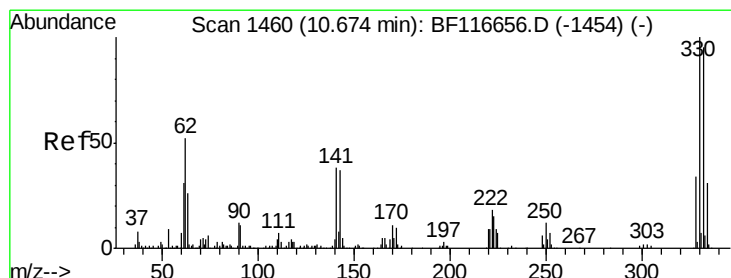
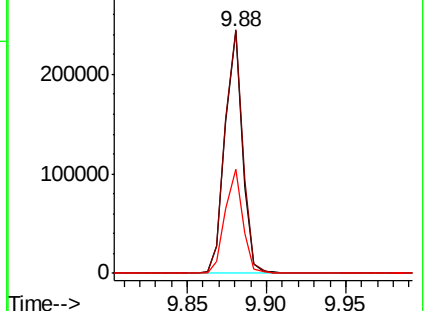
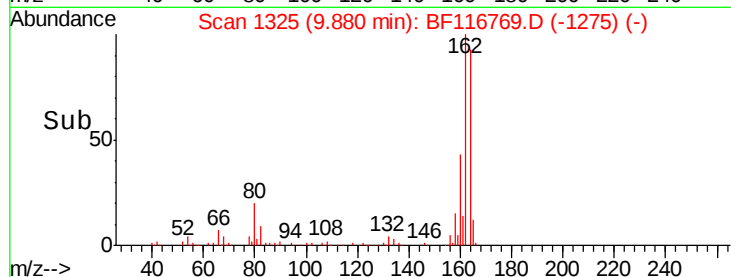
160 43.1 35.4 53.2



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: 127.467 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116769.D

Acq: 3 Sep 2019 13:50

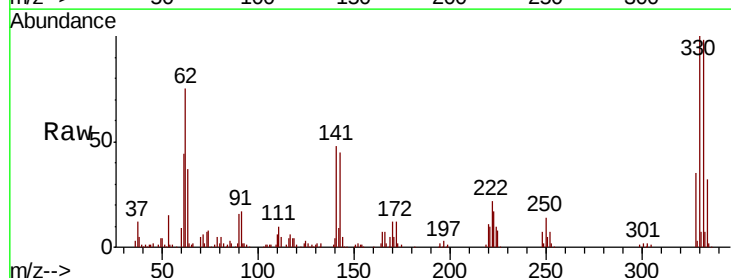
Tgt Ion:330 Resp: 157826

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

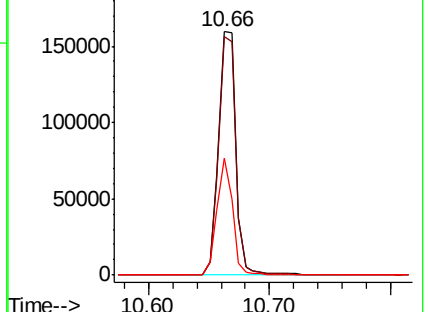
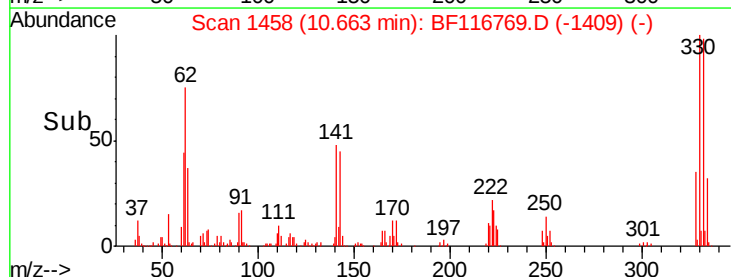
141 42.6 31.4 47.2



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

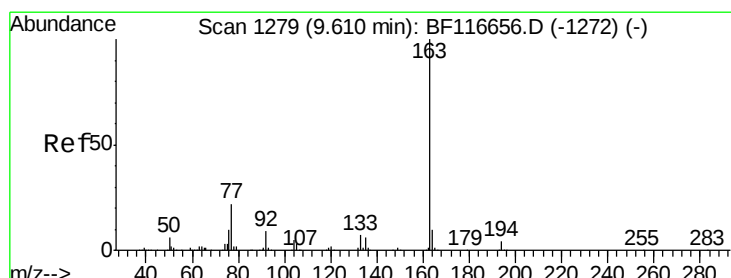
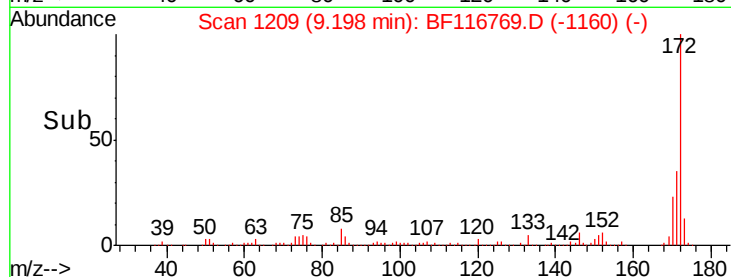
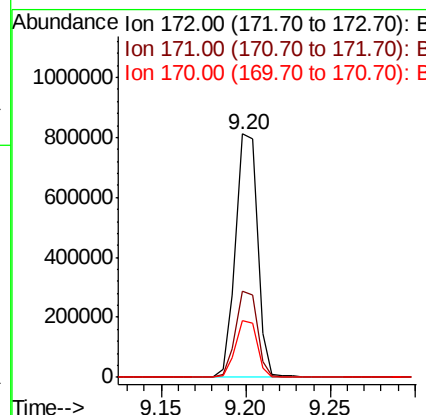
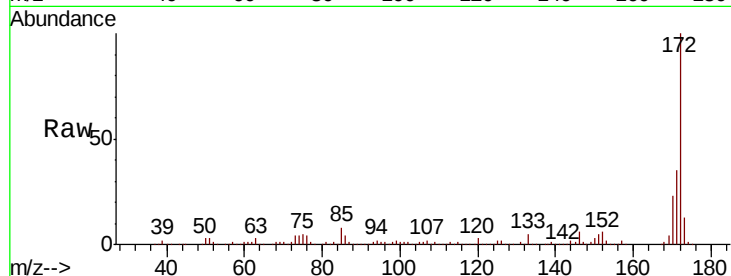




#45
2-Fluorobiphenyl
Concen: 67.127 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116769.D
Acq: 3 Sep 2019 13:50

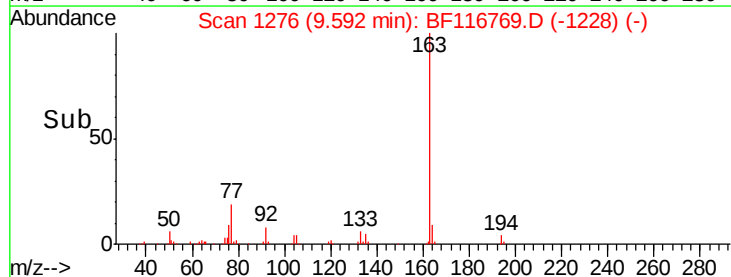
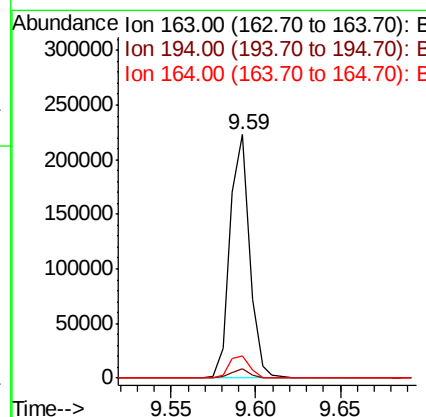
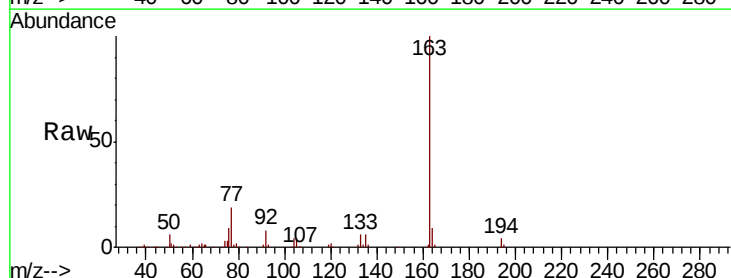
Instrument :
BNA_F
ClientSampleId :
S301A-J-3.0-3.5-082319

Tot Ion:172 Resp: 737014
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 14.132 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116769.D
Acq: 3 Sep 2019 13:50

Tgt Ion:163 Resp: 180705
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 8.9 8.6 12.8

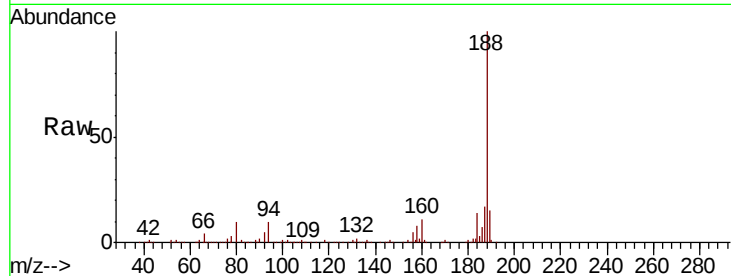




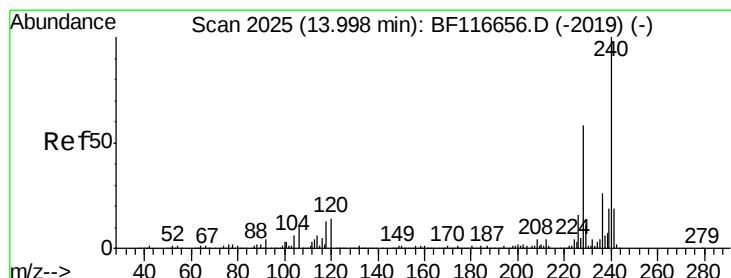
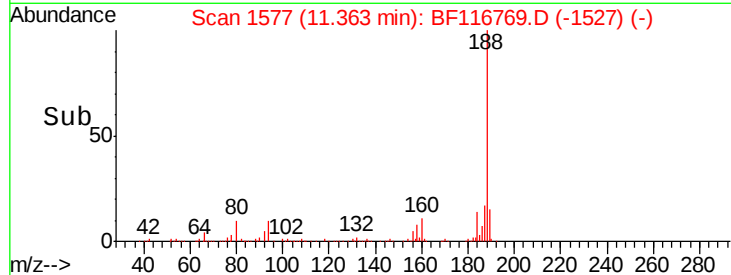
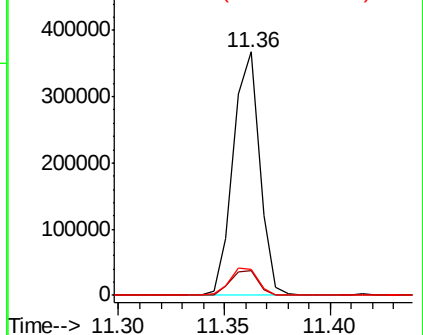
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116769.D
Acq: 3 Sep 2019 13:50

Instrument :
BNA_F
ClientSampleId :
S301A-J-3.0-3.5-082319

Tot Ion:188 Resp: 319380
Ion Ratio Lower Upper
188 100
94 10.3 7.3 10.9
80 10.5 8.4 12.6

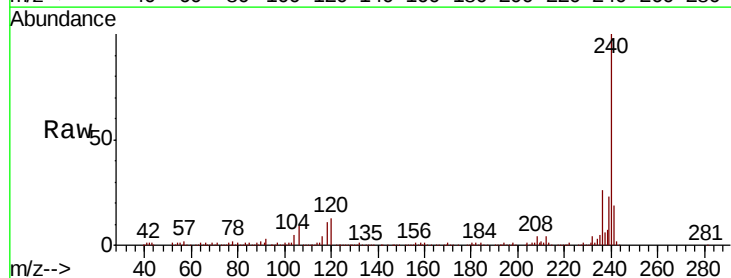


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

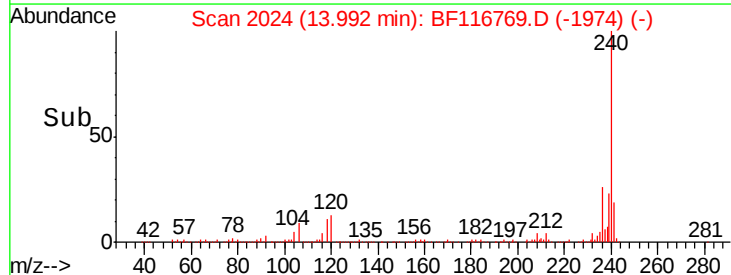
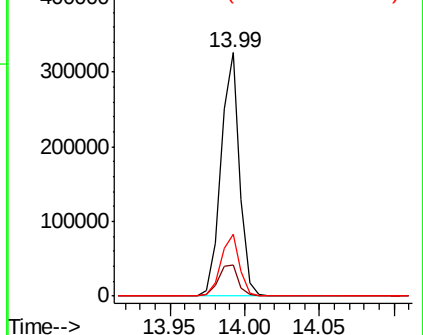


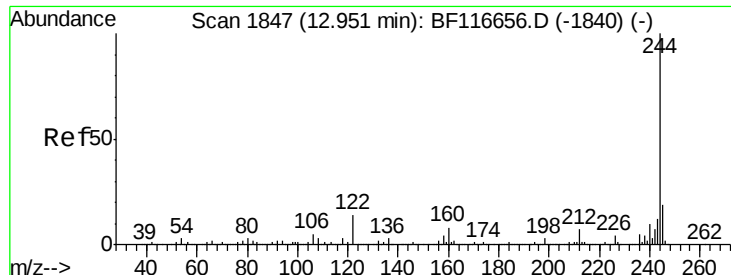
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116769.D
Acq: 3 Sep 2019 13:50

Tgt Ion:240 Resp: 285693
Ion Ratio Lower Upper
240 100
120 12.9 9.1 13.7
236 25.5 21.1 31.7



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: 49.943 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116769.D

Acq: 3 Sep 2019 13:50

Instrument :

BNA_F

ClientSampleId :

S301A-J-3.0-3.5-082319

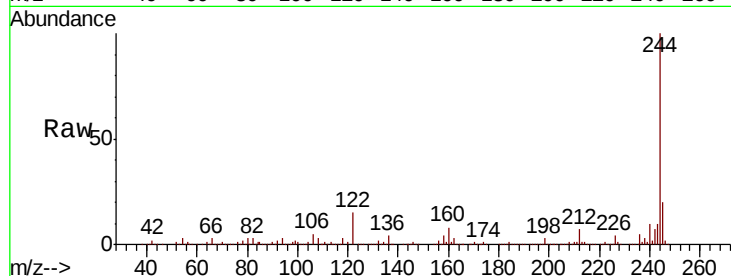
Tot Ion:244 Resp: 771289

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

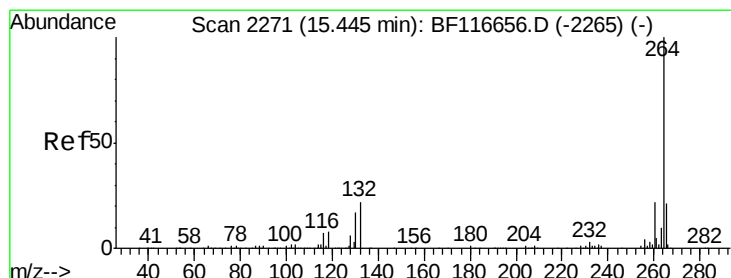
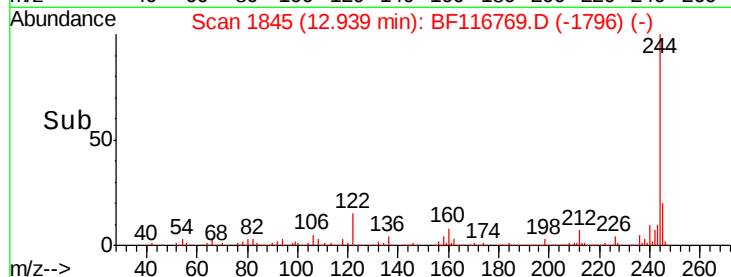
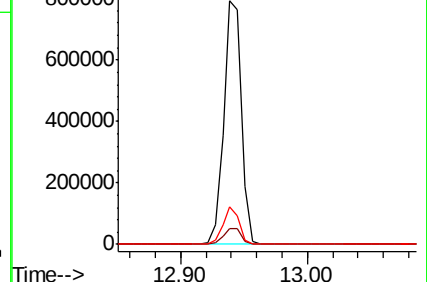
122 15.5 10.2 15.4#



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF116769.D

Acq: 3 Sep 2019 13:50

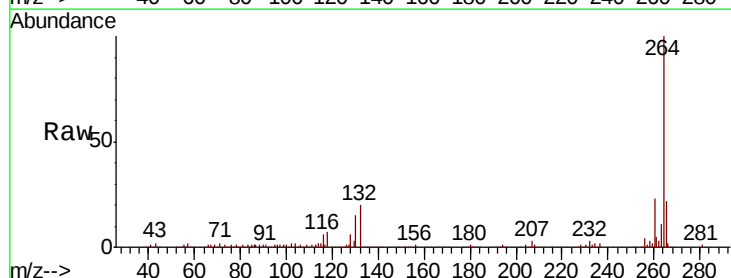
Tgt Ion:264 Resp: 295505

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 22.1 16.5 24.7



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

