

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116832.D
 Acq On : 5 Sep 2019 12:41
 Operator : HP/JU
 Sample : K4574-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S701A-N-1.0-1.5-082719

Quant Time: Sep 05 15:05:53 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

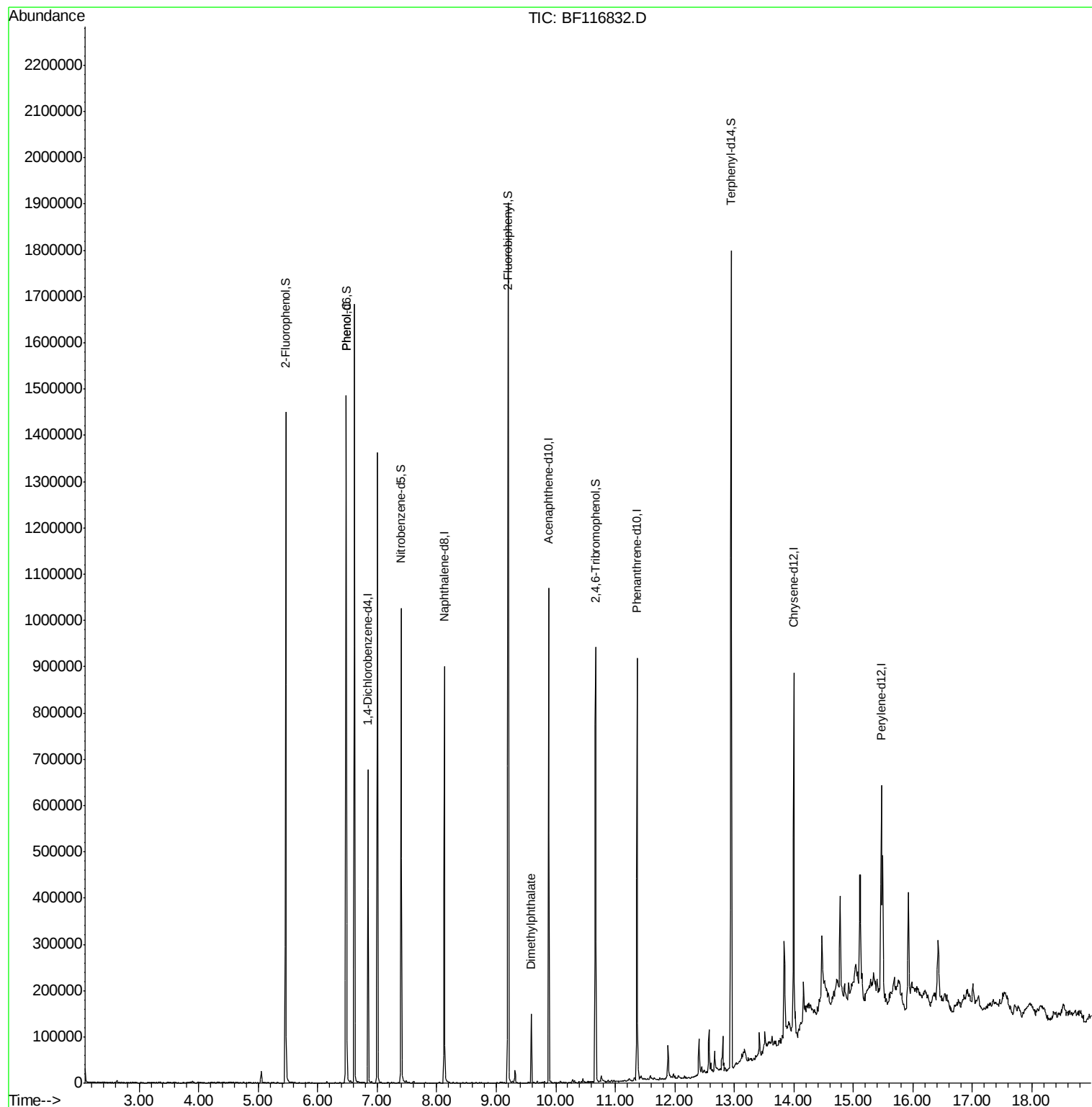
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	91260	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	367322	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	193514	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	305261	20.00	ng	0.00
76) Chrysene-d12	14.00	240	221298	20.00	ng	0.00
87) Perylene-d12	15.47	264	201097	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	393292	69.82	ng	0.00
7) Phenol-d6	6.48	99	534457	72.25	ng	0.00
23) Nitrobenzene-d5	7.40	82	314966	48.95	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	95767	74.03	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	586810	51.15	ng	-0.01
79) Terphenyl-d14	12.94	244	527279	44.08	ng	0.00
Target Compounds						
10) Phenol	6.49	94	17442	2.129	ng	Qvalue # 73
50) Dimethylphthalate	9.59	163	59728	4.471	ng	96

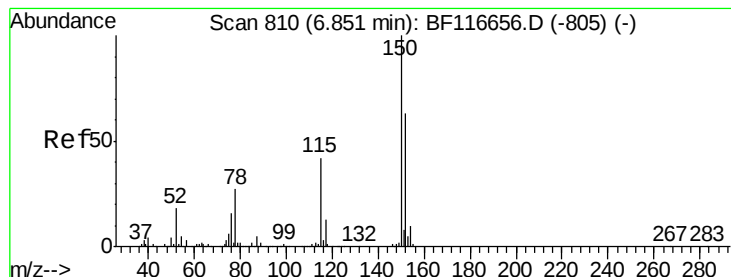
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

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BNA_F

ClientSampleId :

S701A-N-1.0-1.5-082719

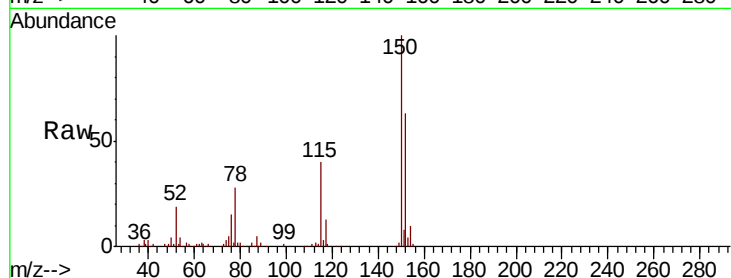
Tot Ion:152 Resp: 91260

Ion Ratio Lower Upper

152 100

150 159.7 124.4 186.6

115 63.9 49.9 74.9

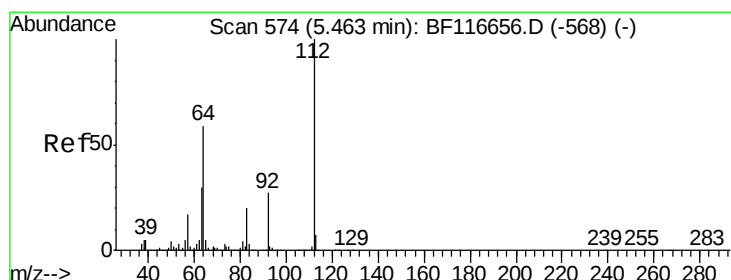
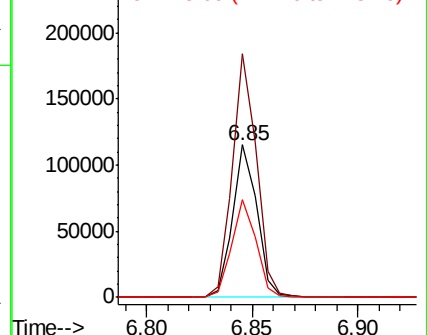
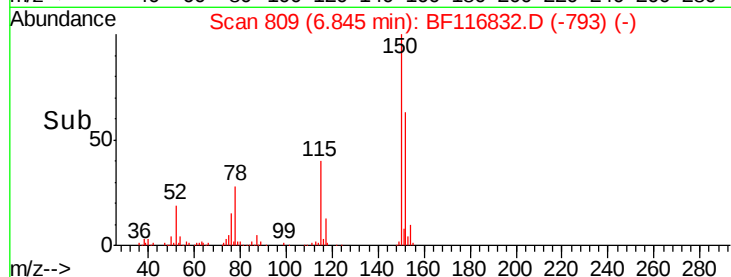


Abundance

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: 69.818 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116832.D

Acq: 5 Sep 2019 12:41

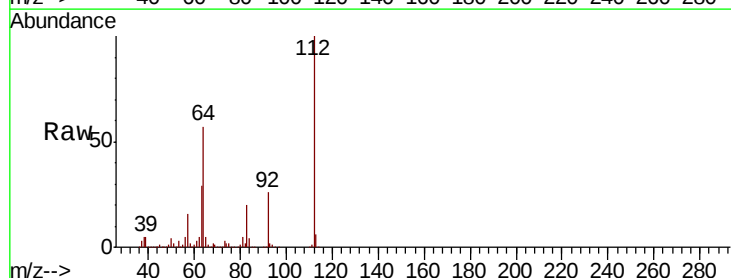
Tgt Ion:112 Resp: 393292

Ion Ratio Lower Upper

112 100

64 57.2 47.1 70.7

63 29.3 24.9 37.3

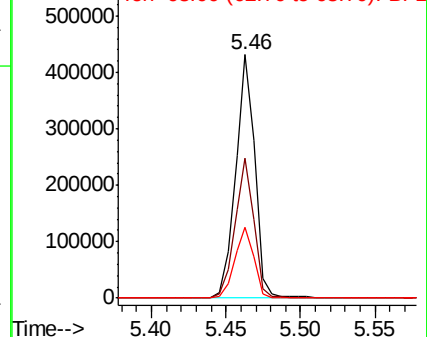
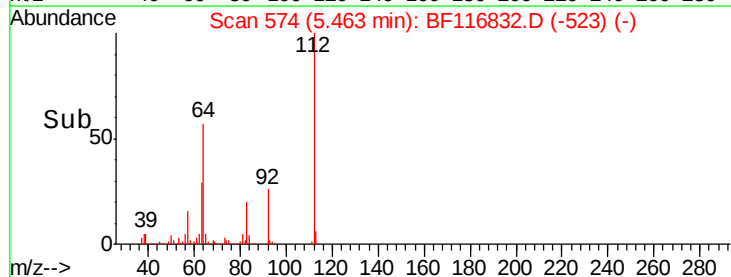


Abundance

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: 72.254 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116832.D

Acq: 5 Sep 2019 12:41

Instrument :

BNA_F

ClientSampleId :

S701A-N-1.0-1.5-082719

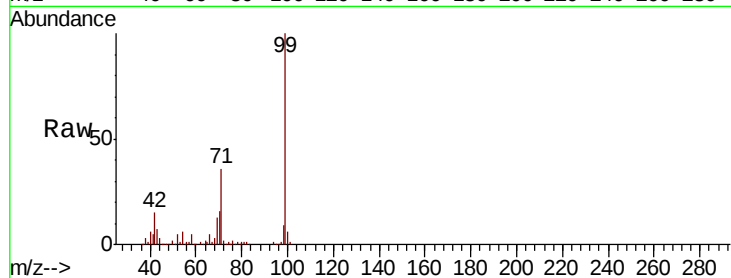
Tot Ion: 99 Resp: 534457

Ion Ratio Lower Upper

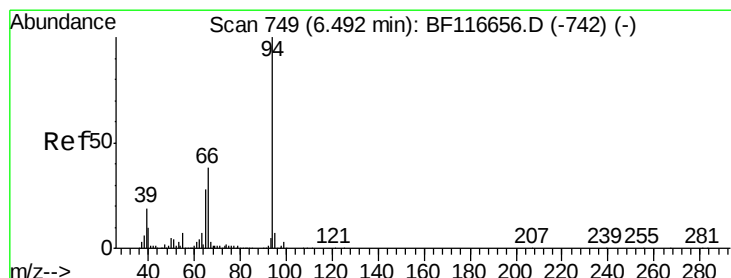
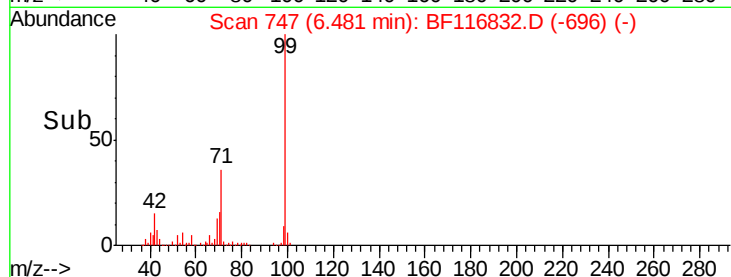
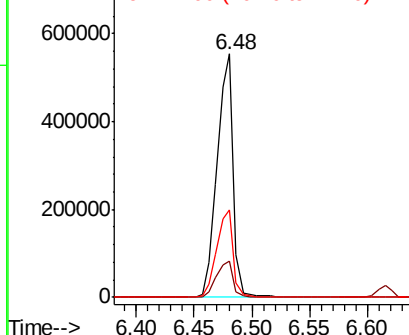
99 100

42 15.1 13.7 20.5

71 36.1 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: 2.129 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116832.D

Acq: 5 Sep 2019 12:41

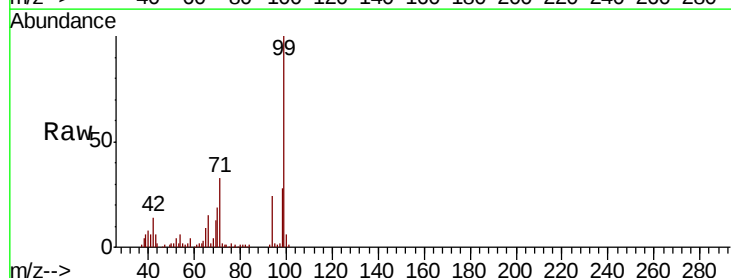
Tgt Ion: 94 Resp: 17442

Ion Ratio Lower Upper

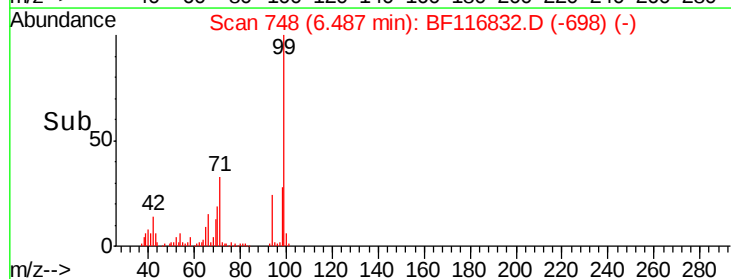
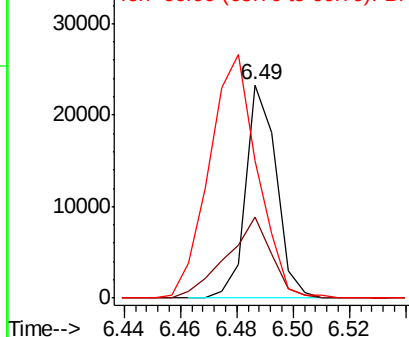
94 100

65 38.1 10.8 50.8

66 64.2 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

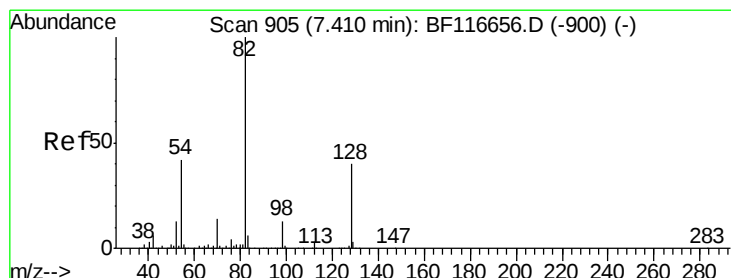
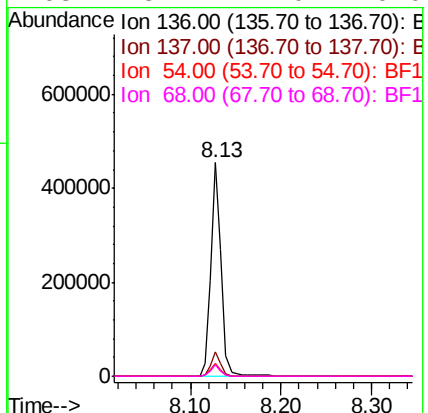
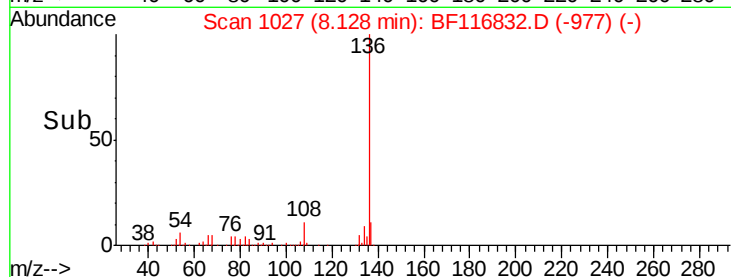
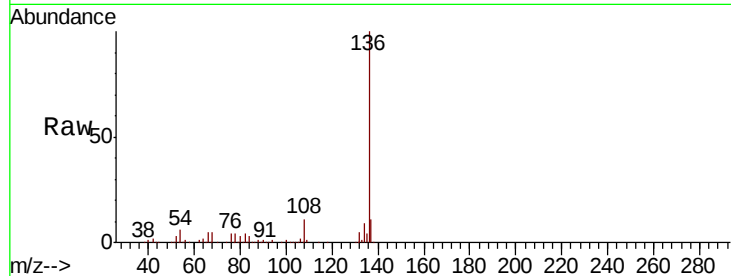




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116832.D
Acq: 5 Sep 2019 12:41

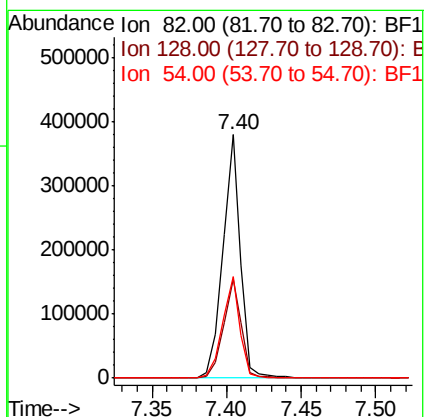
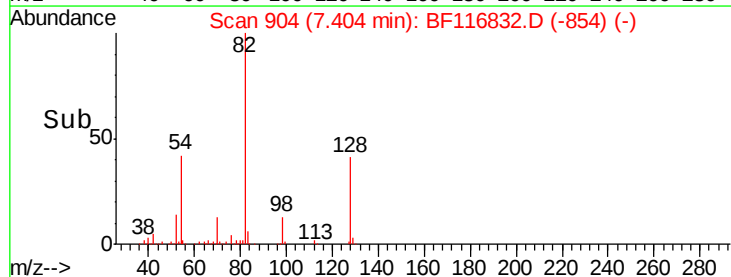
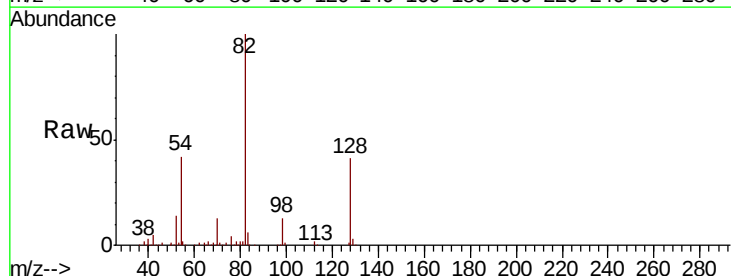
Instrument :
BNA_F
ClientSampleId :
S701A-N-1.0-1.5-082719

Tot Ion:136	Resp:	367322
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 6.1	4.8	7.2
68 5.1	4.0	6.0



#23
Nitrobenzene-d5
Concen: 48.950 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116832.D
Acq: 5 Sep 2019 12:41

Tgt Ion: 82	Resp: 314966
Ion Ratio	Lower Upper
82 100	
128 40.8	32.8 49.2
54 41.6	36.9 55.3

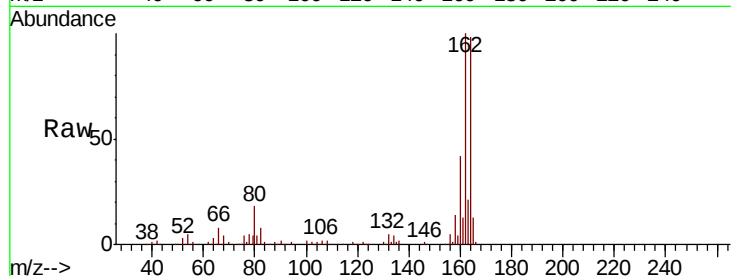




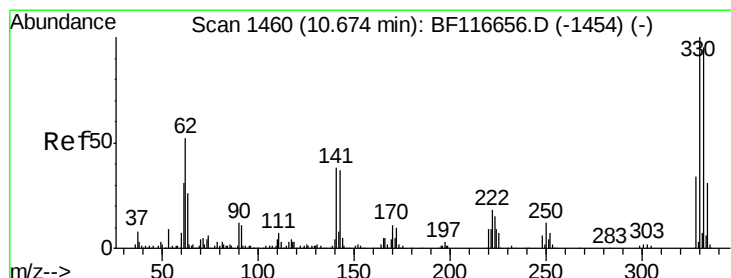
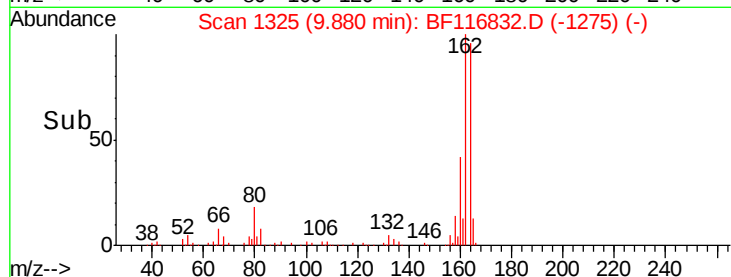
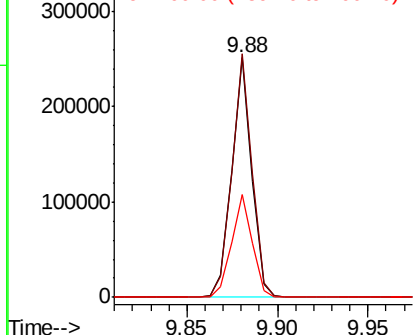
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116832.D
Acq: 5 Sep 2019 12:41

Instrument :
BNA_F
ClientSampleId :
S701A-N-1.0-1.5-082719

Tot Ion:164 Resp: 193514
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 42.8 35.4 53.2

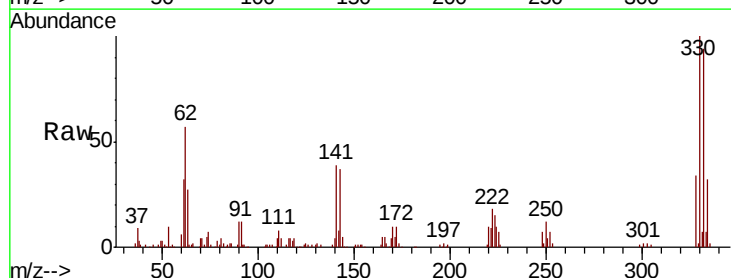


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

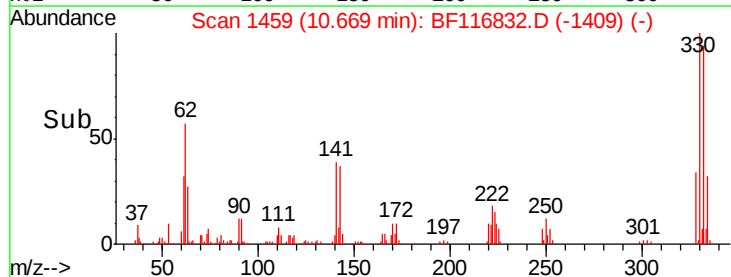
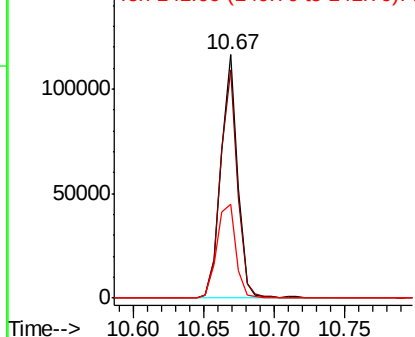


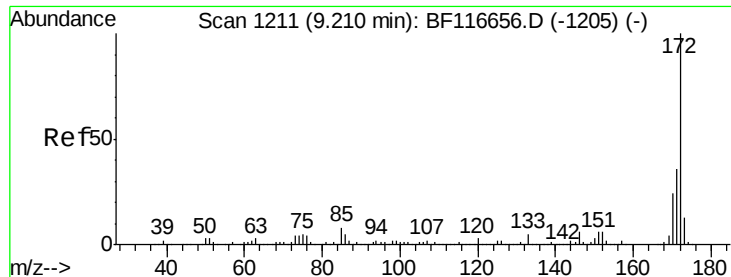
#42
2,4,6-Tribromophenol
Concen: 74.027 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116832.D
Acq: 5 Sep 2019 12:41

Tgt Ion:330 Resp: 95767
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 44.1 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

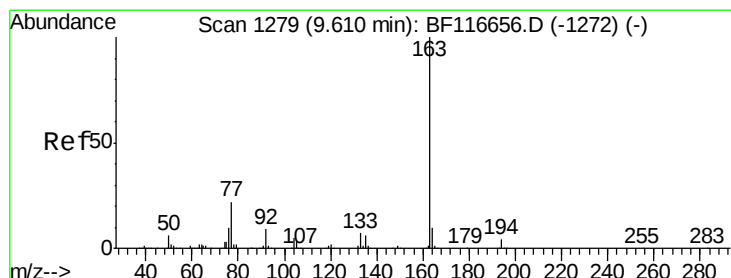
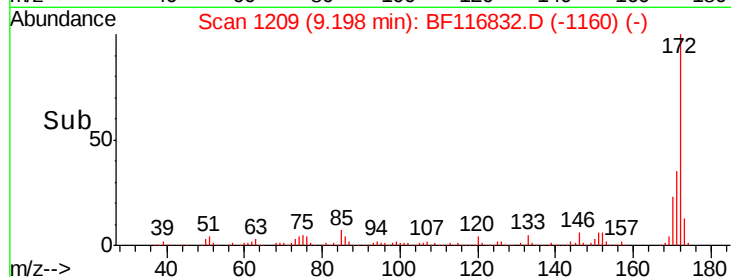
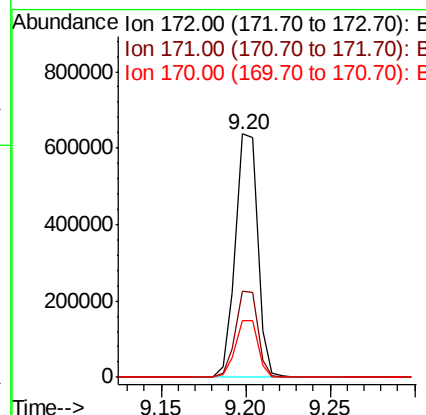
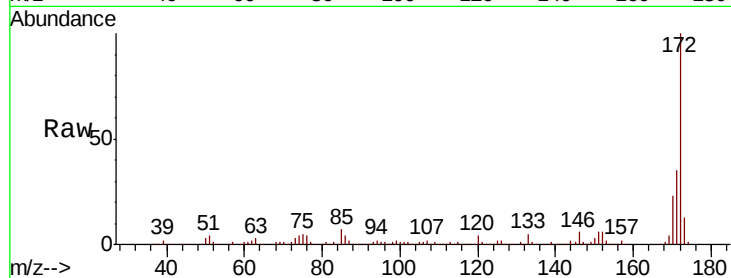




#45
2-Fluorobiphenyl
Concen: 51.153 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116832.D
Acq: 5 Sep 2019 12:41

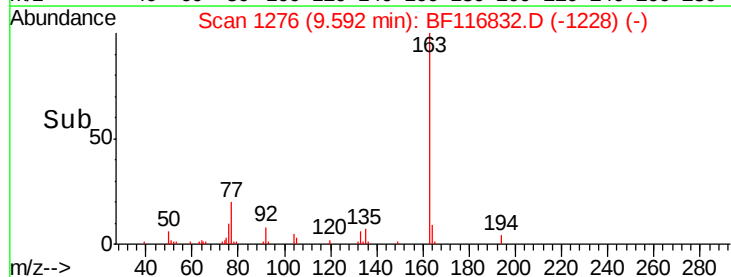
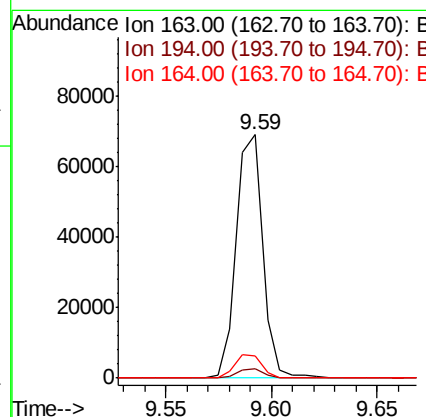
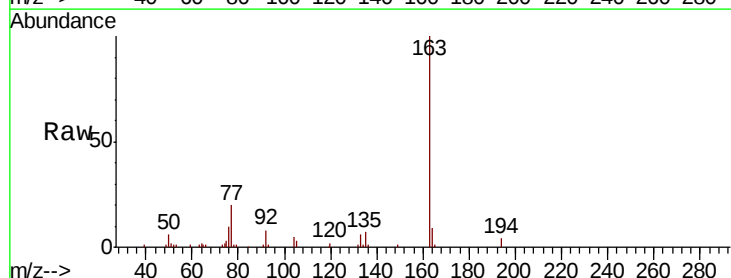
Instrument :
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ClientSampleId :
S701A-N-1.0-1.5-082719

Tot Ion:172 Resp: 586810
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.3 18.9 28.3



#50
Dimethylphthalate
Concen: 4.471 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116832.D
Acq: 5 Sep 2019 12:41

Tgt Ion:163 Resp: 59728
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.1 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: BF116832.D

Acq: 5 Sep 2019 12:41

Instrument :

BNA_F

ClientSampleId :

S701A-N-1.0-1.5-082719

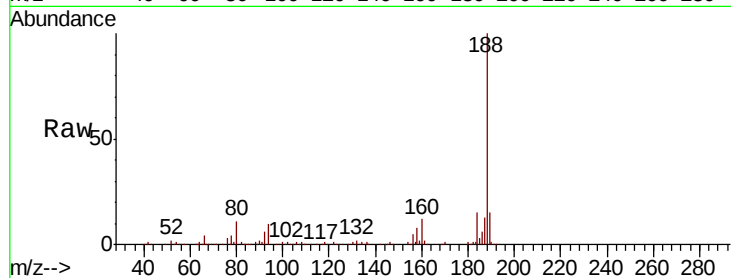
Tot Ion:188 Resp: 305261

Ion Ratio Lower Upper

188 100

94 9.8 7.3 10.9

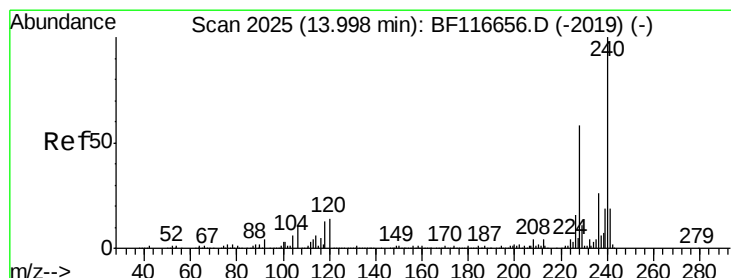
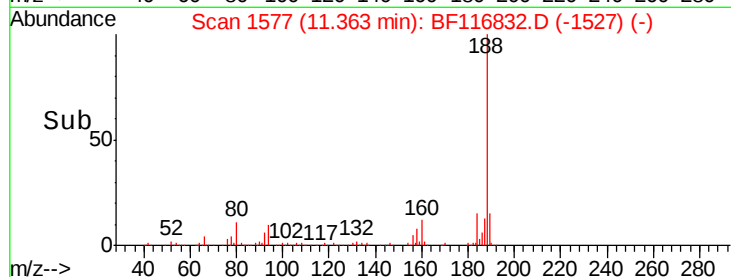
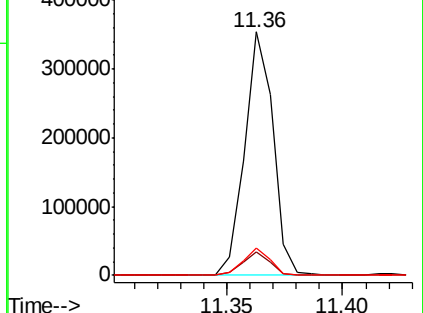
80 11.1 8.4 12.6



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: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF116832.D

Acq: 5 Sep 2019 12:41

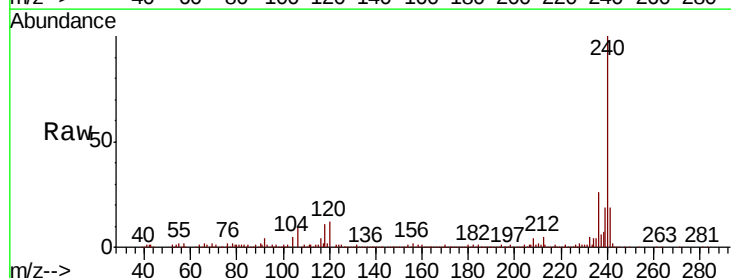
Tgt Ion:240 Resp: 221298

Ion Ratio Lower Upper

240 100

120 12.3 9.1 13.7

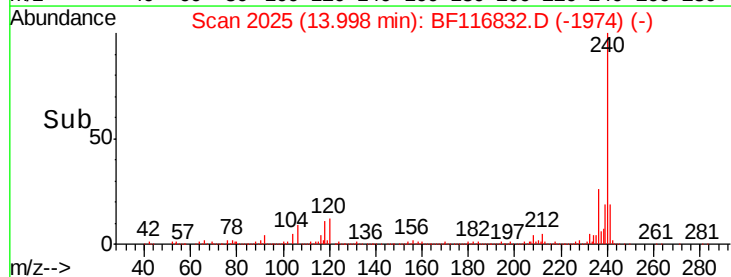
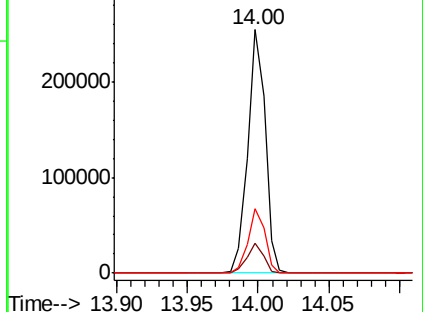
236 26.4 21.1 31.7

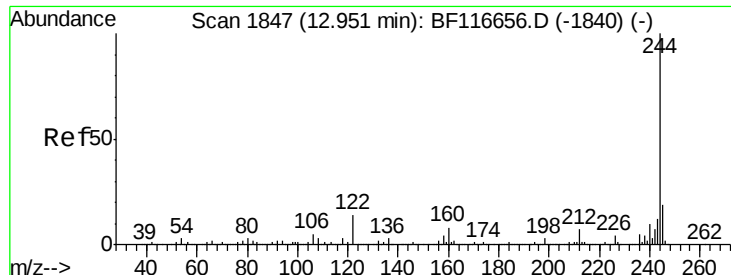


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 44.078 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116832.D

Acq: 5 Sep 2019 12:41

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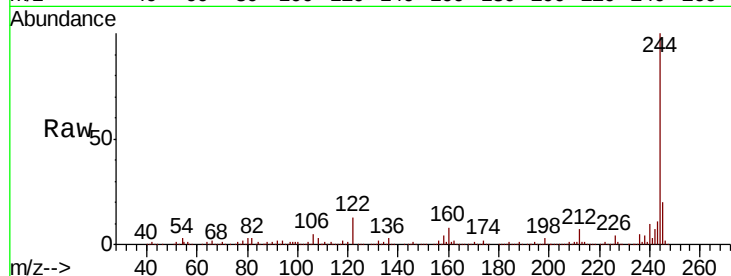
Tot Ion:244 Resp: 527279

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

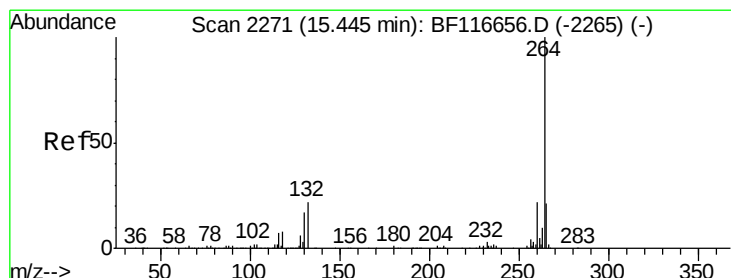
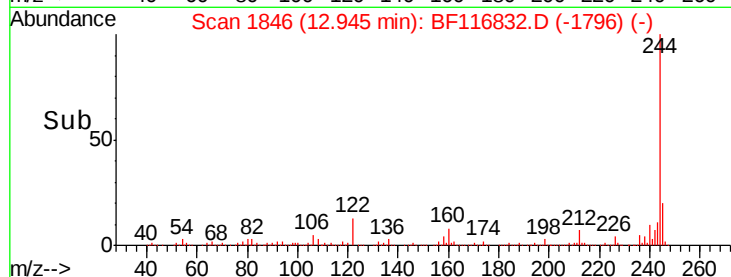
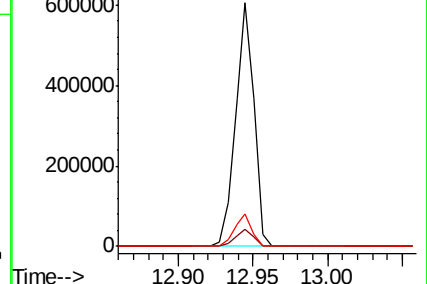
122 13.1 10.2 15.4



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: 15.47 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF116832.D

Acq: 5 Sep 2019 12:41

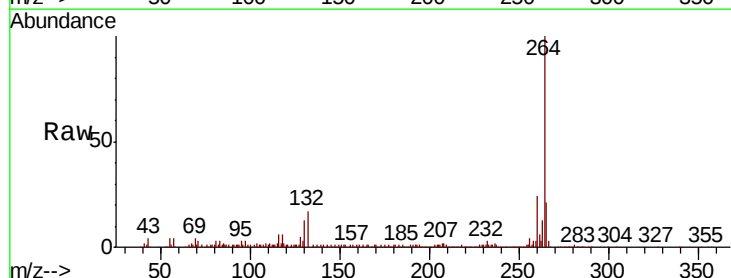
Tgt Ion:264 Resp: 201097

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 21.2 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

