

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
 Data File : BF116575.D
 Acq On : 26 Aug 2019 15:30
 Operator : HP/JU
 Sample : K4490-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STUCCO

Quant Time: Aug 27 04:09:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

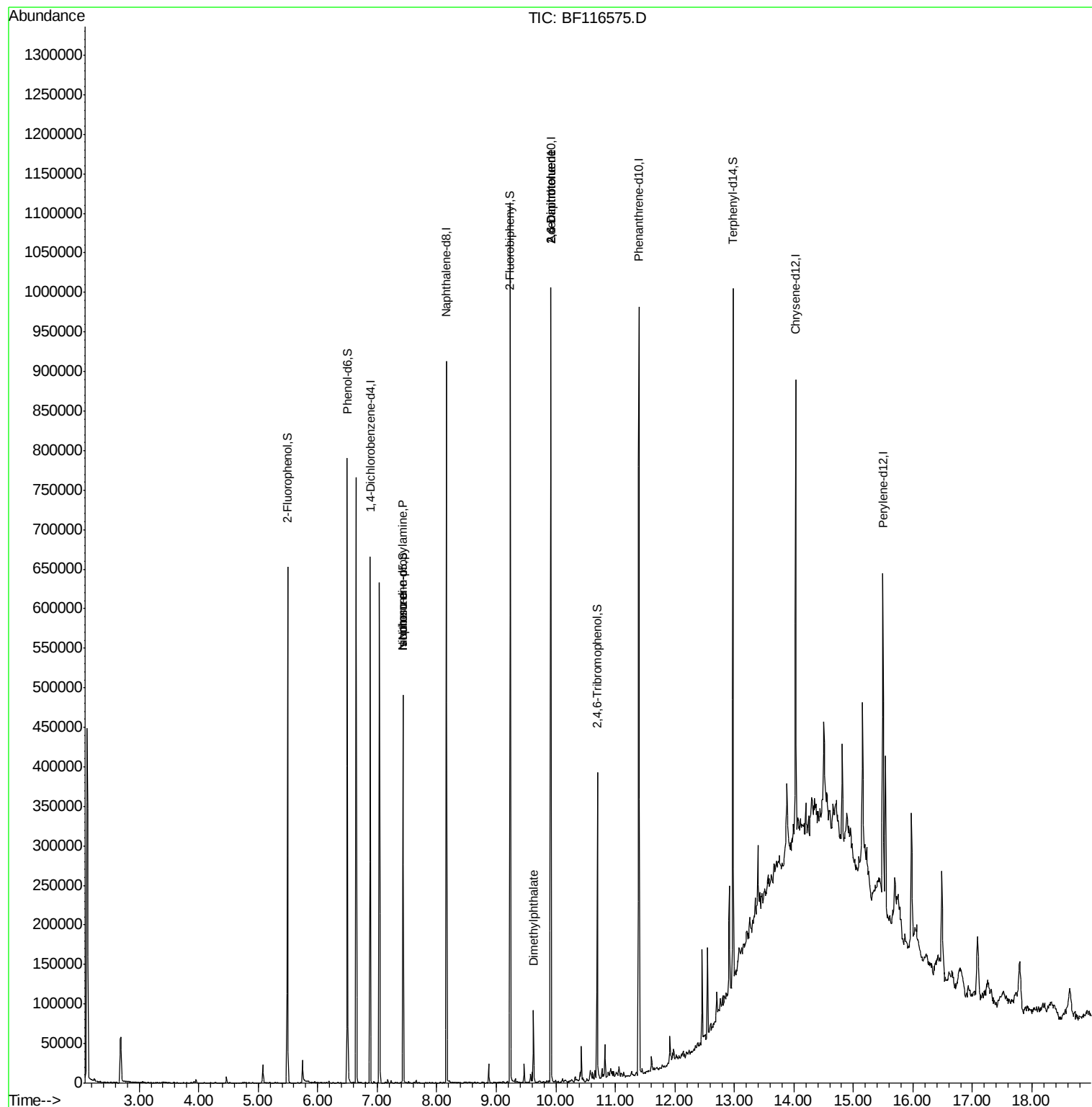
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	86371	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	356257	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	188883	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	327814	20.00	ng	0.00
76) Chrysene-d12	14.03	240	180823	20.00	ng	0.00
87) Perylene-d12	15.50	264	203812	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	161778	27.37	ng	0.00
7) Phenol-d6	6.50	99	226367	31.23	ng	0.00
23) Nitrobenzene-d5	7.43	82	137604	21.13	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	43522	26.83	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	285077	24.31	ng	0.00
79) Terphenyl-d14	12.97	244	273794	28.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	17625	3.564	ng	Qvalue # 81
25) Isophorone	7.43	82	137602	10.723	ng	# 67
50) Dimethylphthalate	9.62	163	32888	2.496	ng	98
51) 2,6-Dinitrotoluene	9.92	165	23261	8.623	ng	# 25
57) 2,4-Dinitrotoluene	9.92	165	23261	6.777	ng	# 20

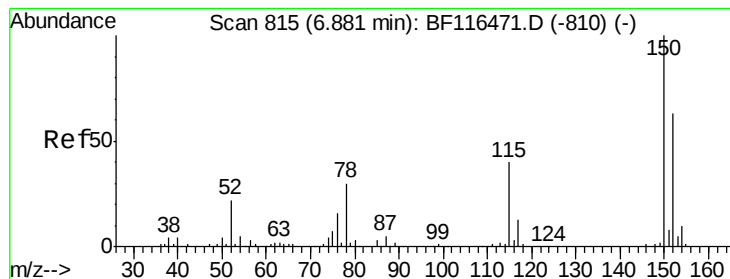
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF116575.D

Acq: 26 Aug 2019 15:30

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BNA_F

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STUCCO

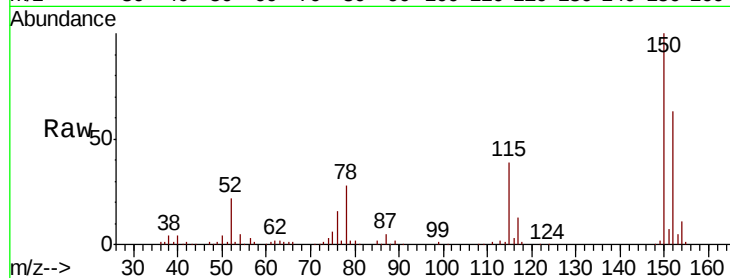
Tgt Ion:152 Resp: 86371

Ion Ratio Lower Upper

152 100

150 157.9 126.7 190.1

115 62.3 50.9 76.3

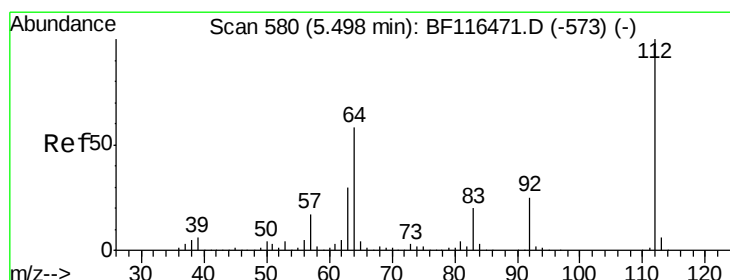
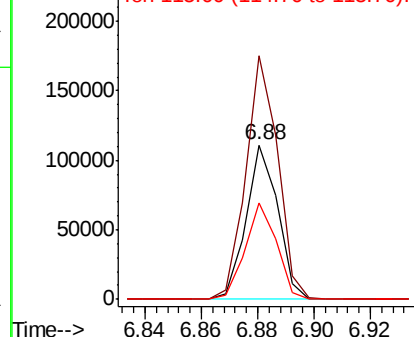
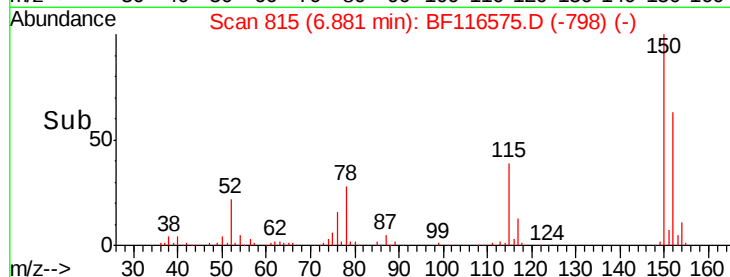


Abundance

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: 27.368 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF116575.D

Acq: 26 Aug 2019 15:30

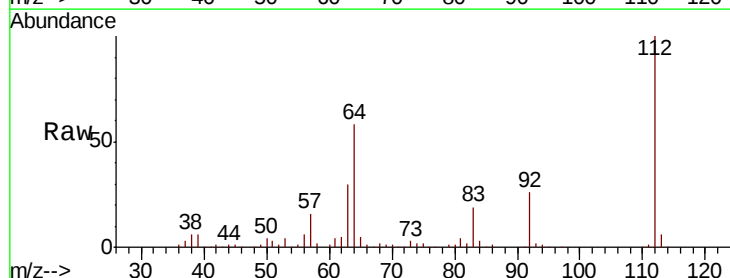
Tgt Ion:112 Resp: 161778

Ion Ratio Lower Upper

112 100

64 57.5 46.3 69.5

63 29.6 24.2 36.4

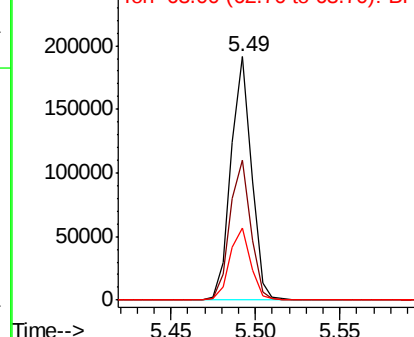
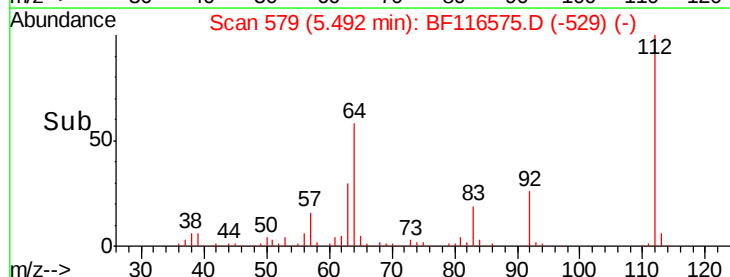


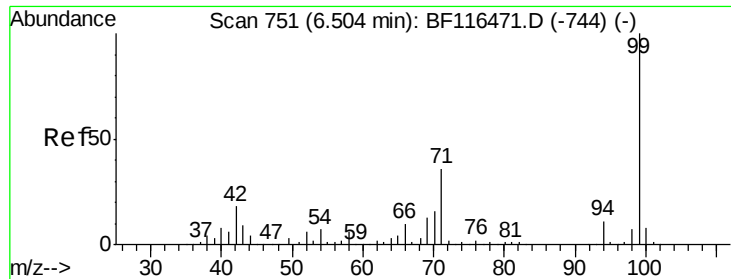
Abundance

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: 31.232 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116575.D

Acq: 26 Aug 2019 15:30

Instrument :

BNA_F

ClientSampleId :

STUCCO

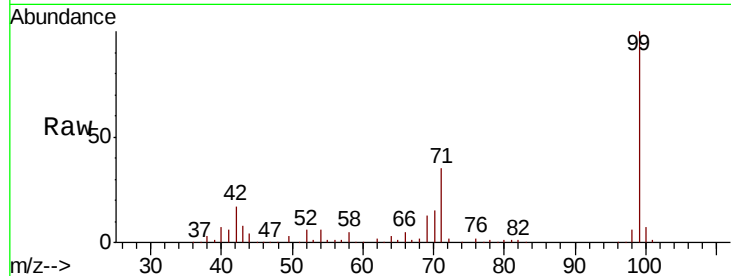
Tgt Ion: 99 Resp: 226367

Ion Ratio Lower Upper

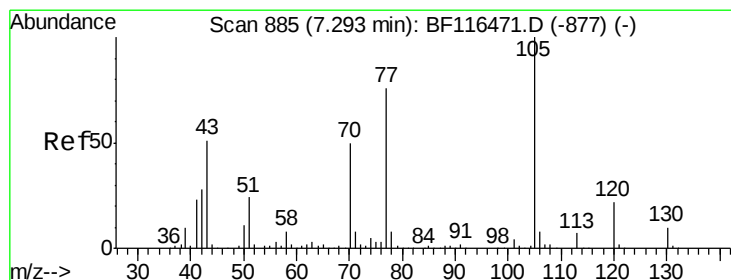
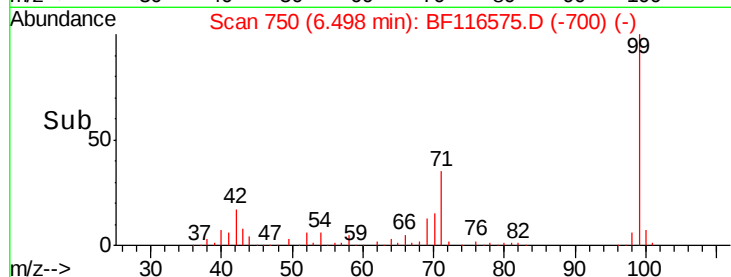
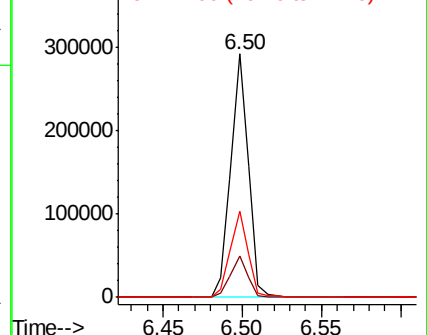
99 100

42 17.1 14.6 21.8

71 35.2 28.5 42.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 3.564 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF116575.D

Acq: 26 Aug 2019 15:30

Tgt Ion: 70 Resp: 17625

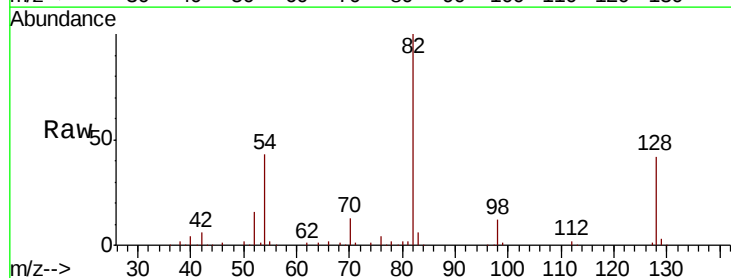
Ion Ratio Lower Upper

70 100

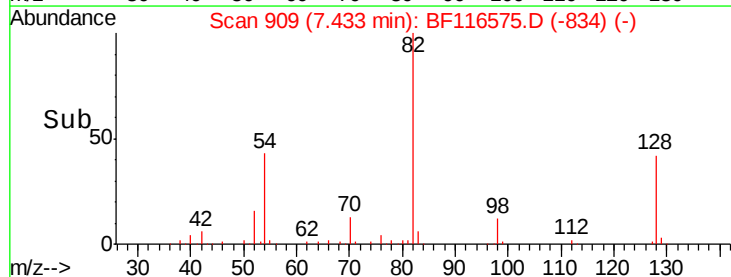
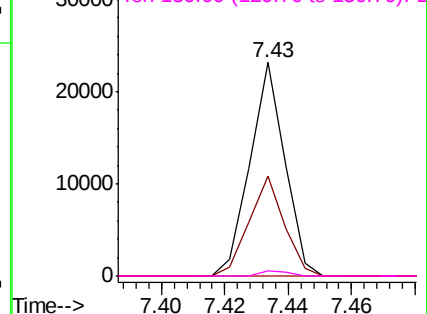
42 46.8 44.4 66.6

101 0.0 7.1 10.7#

130 2.6 15.8 23.8#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

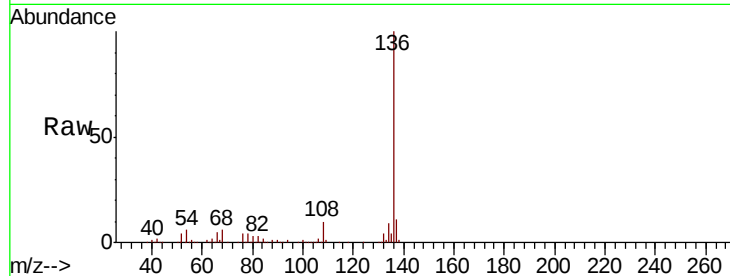




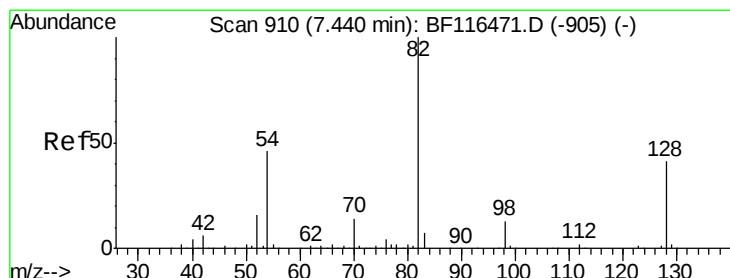
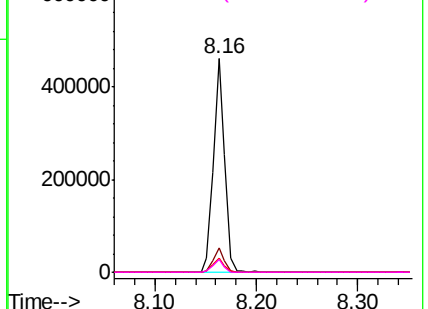
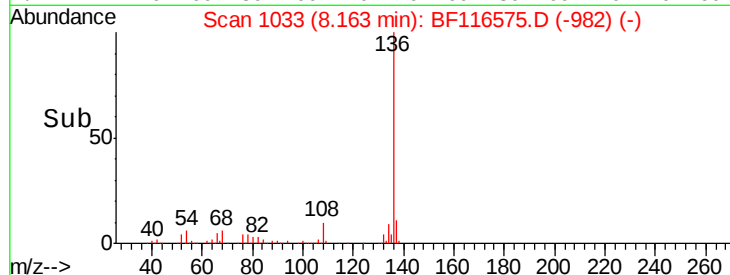
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116575.D
Acq: 26 Aug 2019 15:30

Instrument :
BNA_F
ClientSampleId :
STUCCO

Tgt Ion:	136	Resp:	356257
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.4	5.8	8.6
68	5.9	5.1	7.7

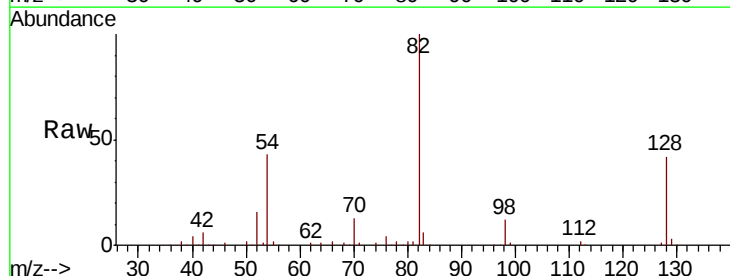


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

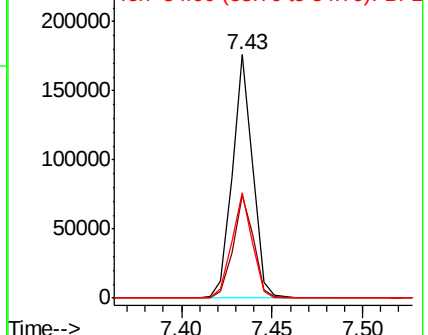
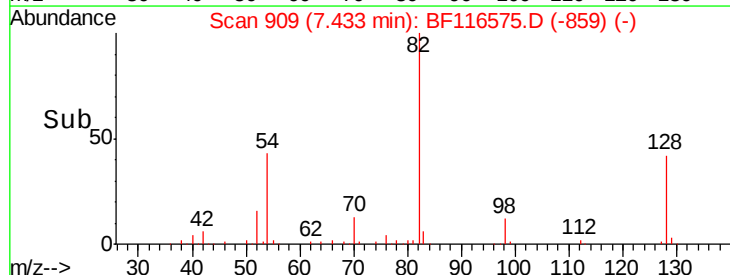


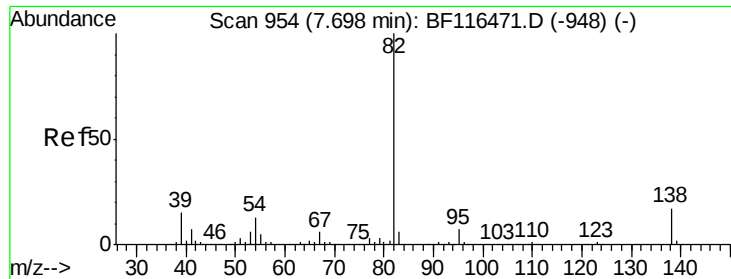
#23
Nitrobenzene-d5
Concen: 21.132 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116575.D
Acq: 26 Aug 2019 15:30

Tgt Ion:	82	Resp:	137604
Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.2	48.4
54	43.2	36.5	54.7



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





#25

Isophorone

Concen: 10.723 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF116575.D

Acq: 26 Aug 2019 15:30

Instrument :

BNA_F

ClientSampleId :

STUCCO

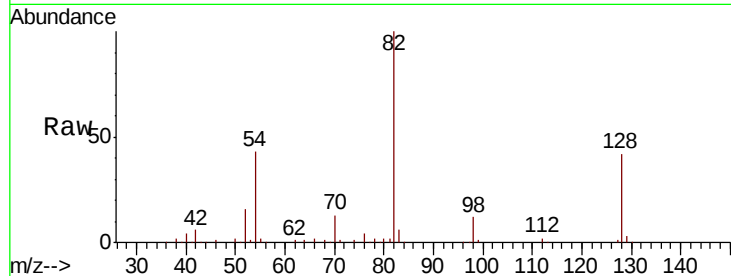
Tgt Ion: 82 Resp: 137602

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

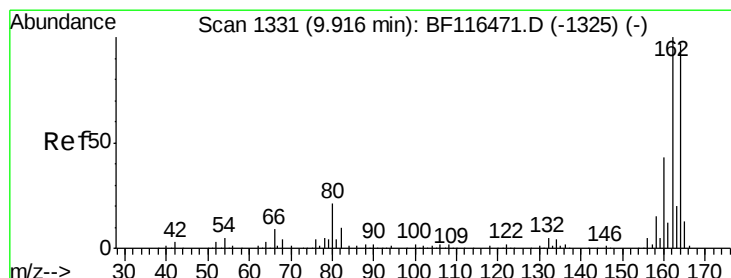
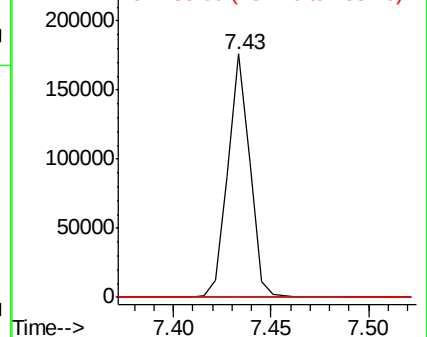
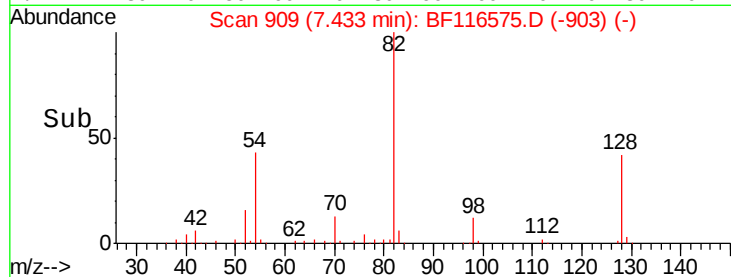
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF116575.D

Acq: 26 Aug 2019 15:30

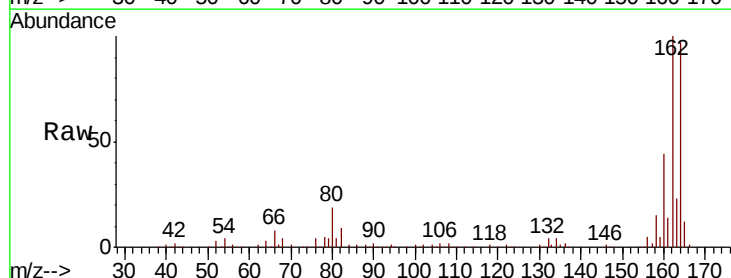
Tgt Ion: 164 Resp: 188883

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

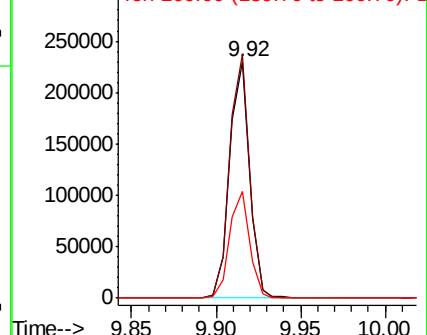
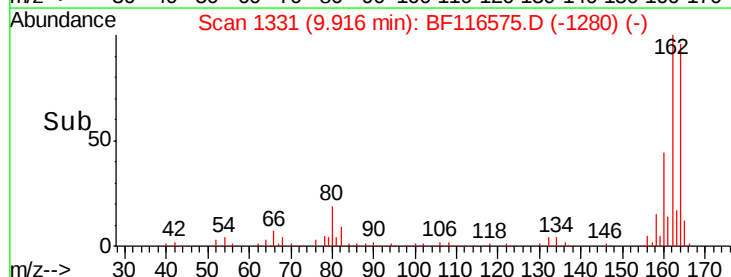
160 45.0 35.8 53.8

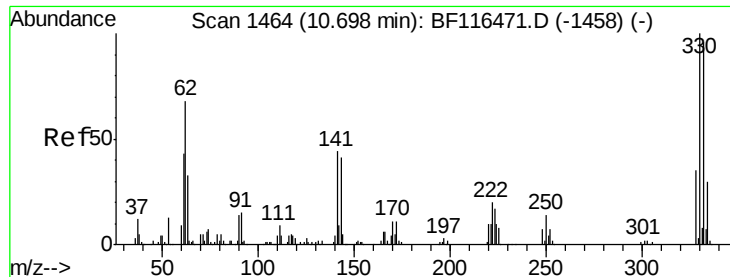


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

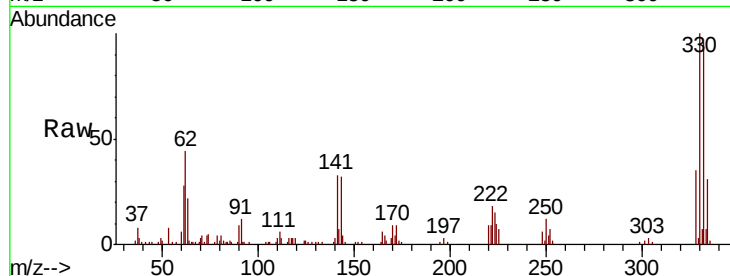




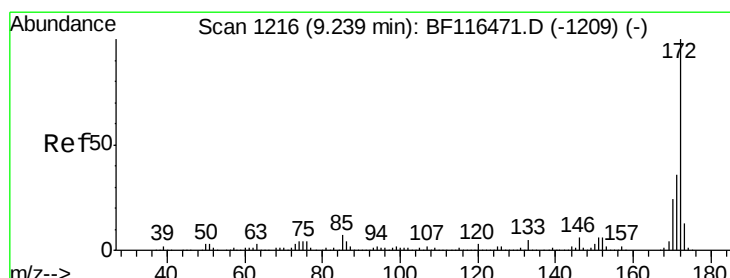
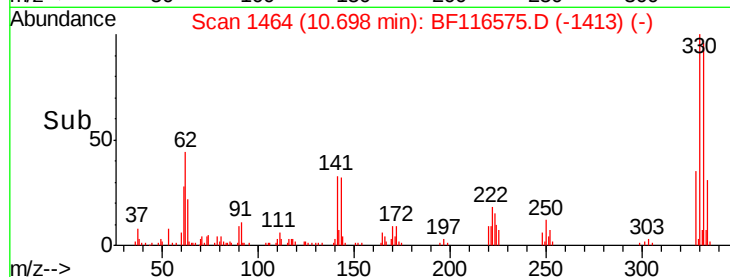
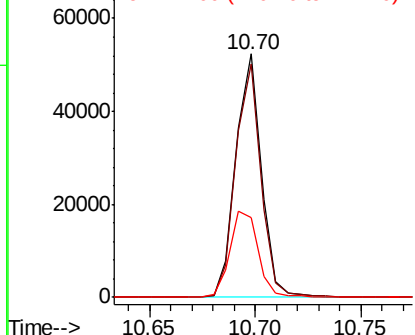
#42
 2,4,6-Tribromophenol
 Concen: 26.834 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116575.D
 Acq: 26 Aug 2019 15:30

Instrument :
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 STUCCO

Tgt Ion: 330 Resp: 43522
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.2 115.8
 141 39.3 33.3 49.9

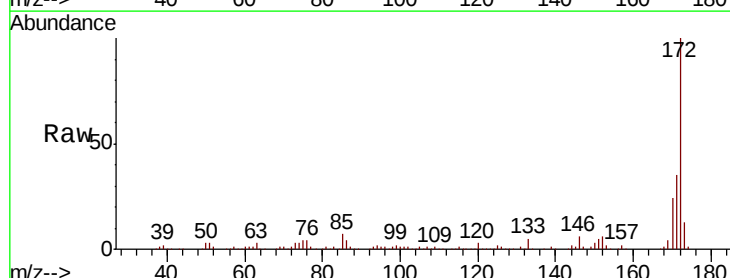


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

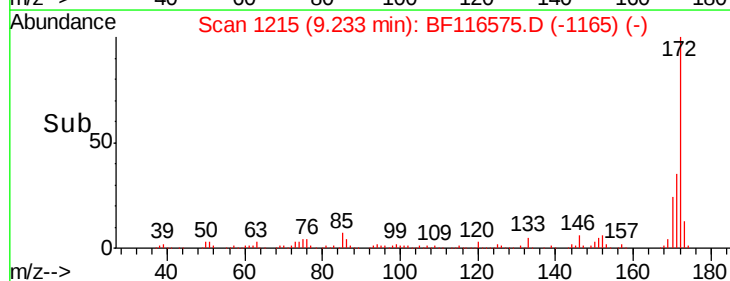
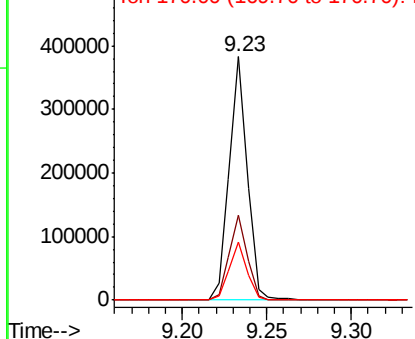


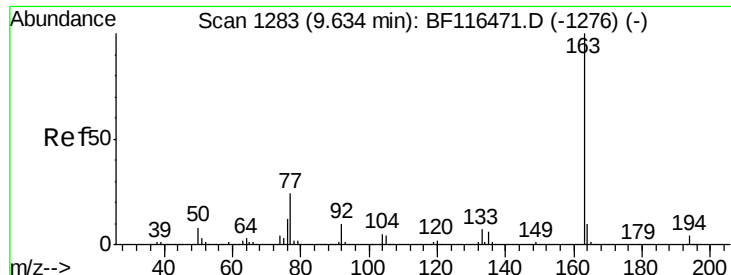
#45
 2-Fluorobiphenyl
 Concen: 24.306 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116575.D
 Acq: 26 Aug 2019 15:30

Tgt Ion: 172 Resp: 285077
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.9 43.3
 170 23.7 19.4 29.0



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

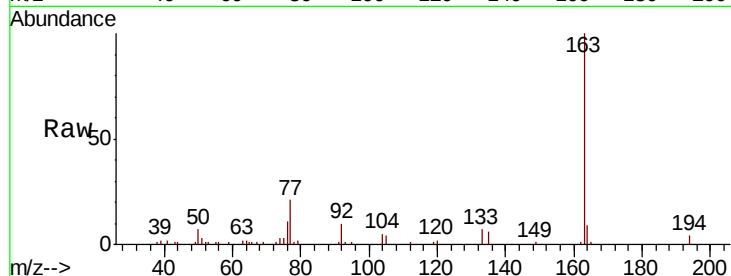




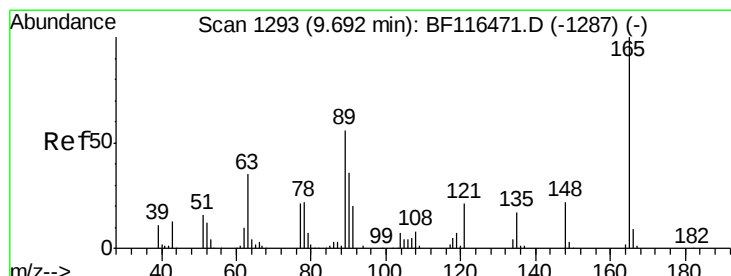
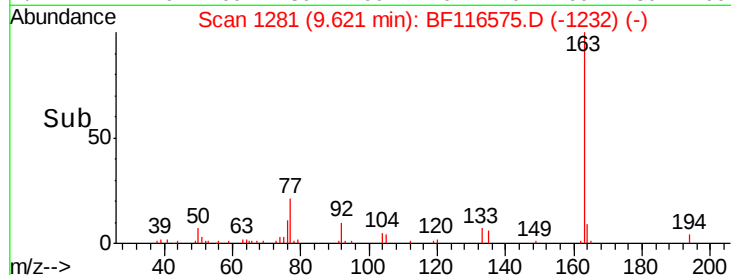
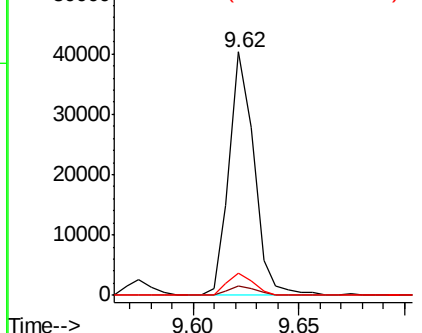
#50
Dimethylphthalate
Concen: 2.496 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116575.D
Acq: 26 Aug 2019 15:30

Instrument :
BNA_F
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Tgt Ion:163 Resp: 32888
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.2 8.2 12.2

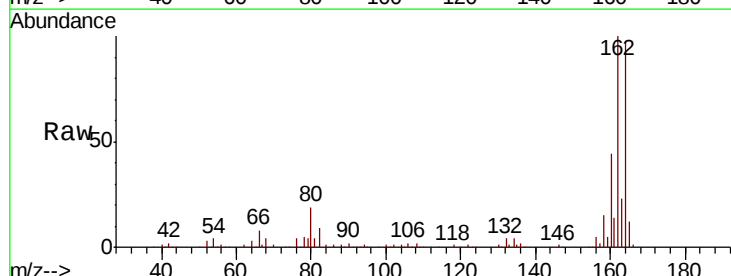


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

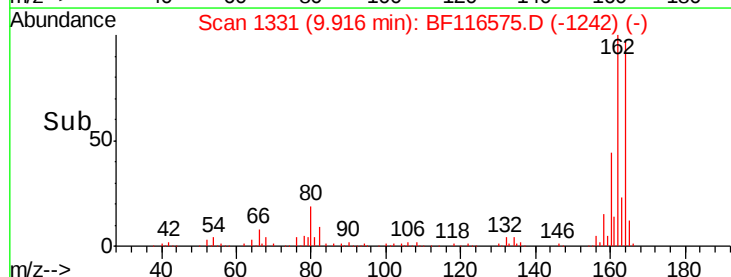
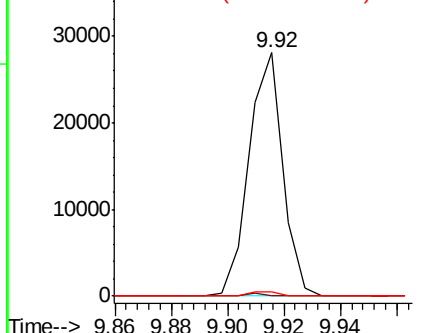


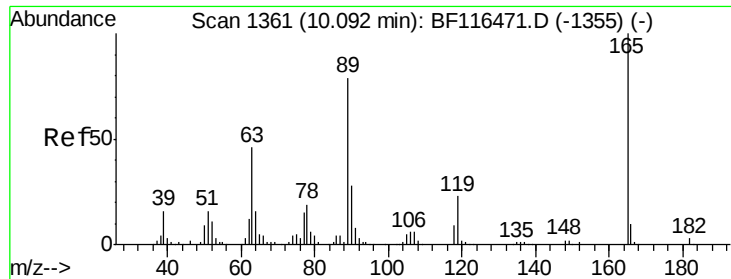
#51
2,6-Dinitrotoluene
Concen: 8.623 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF116575.D
Acq: 26 Aug 2019 15:30

Tgt Ion:165 Resp: 23261
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 1.6 45.1 67.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

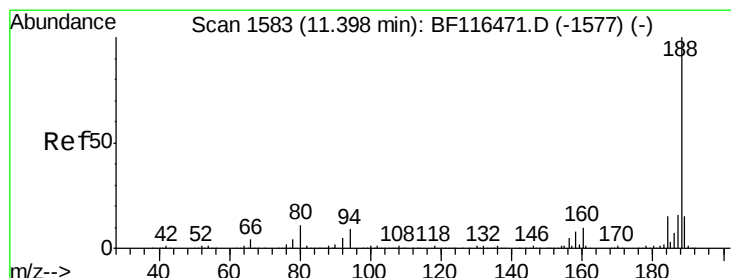
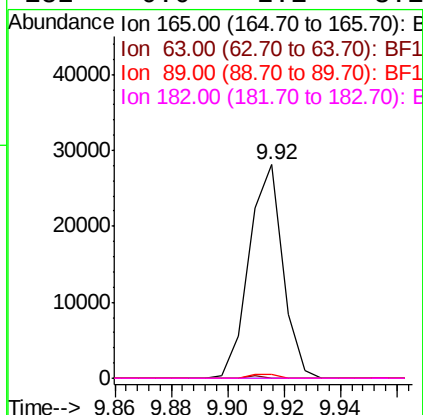
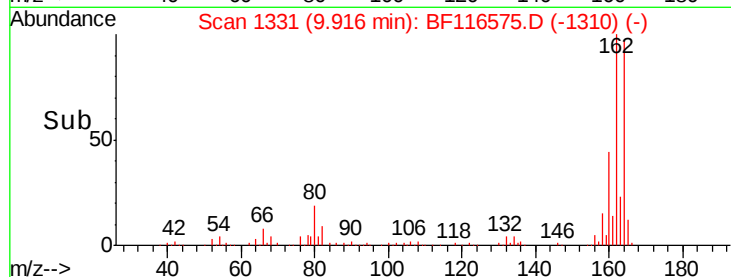
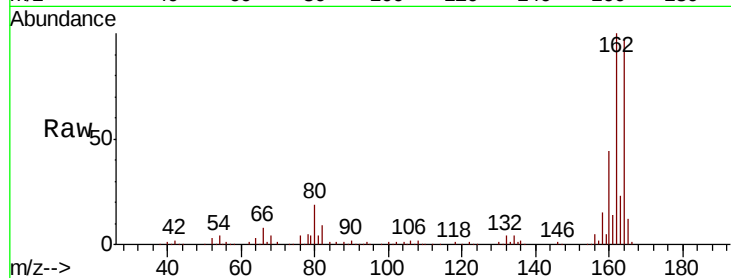




#57
 2,4-Dinitrotoluene
 Concen: 6.777 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.18 min
 Lab File: BF116575.D
 Acq: 26 Aug 2019 15:30

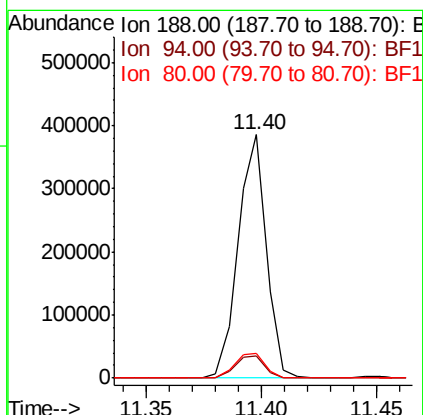
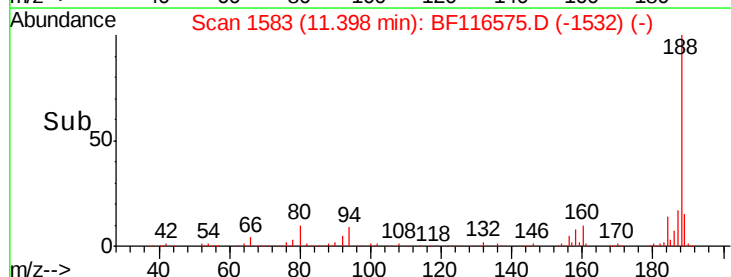
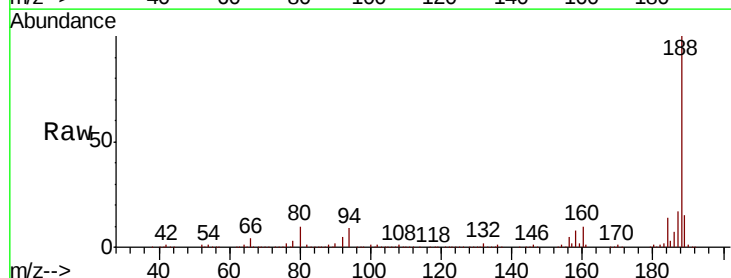
Instrument :
 BNA_F
 ClientSampleId :
 STUCCO

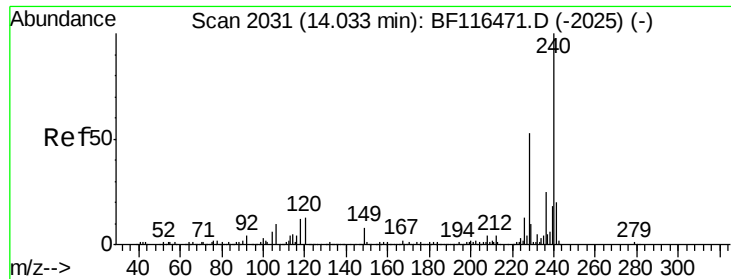
Tgt Ion:	165	Resp:	23261
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.9	55.3#
89	1.6	63.4	95.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF116575.D
 Acq: 26 Aug 2019 15:30

Tgt Ion:	188	Resp:	327814
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.2	8.6	12.8

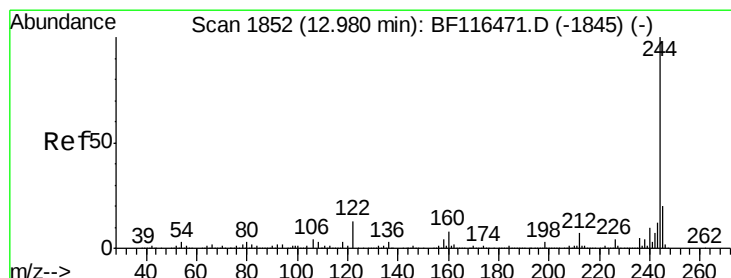
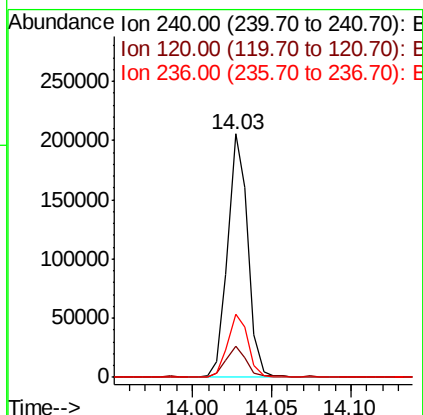
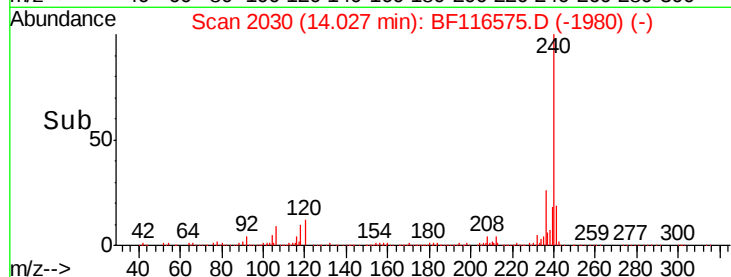
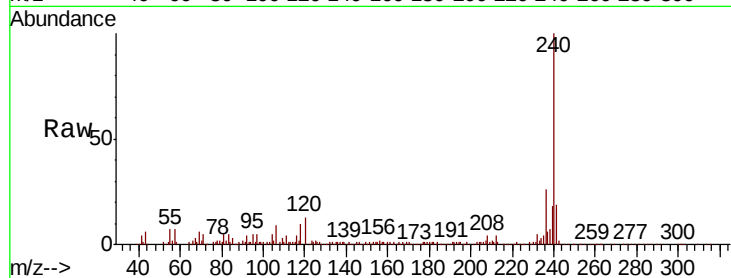




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116575.D
Acq: 26 Aug 2019 15:30

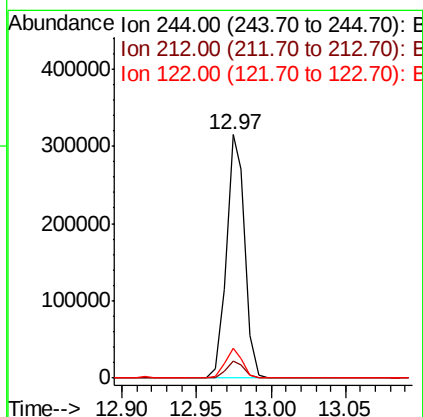
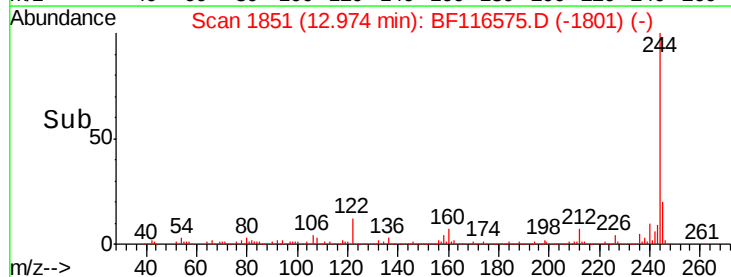
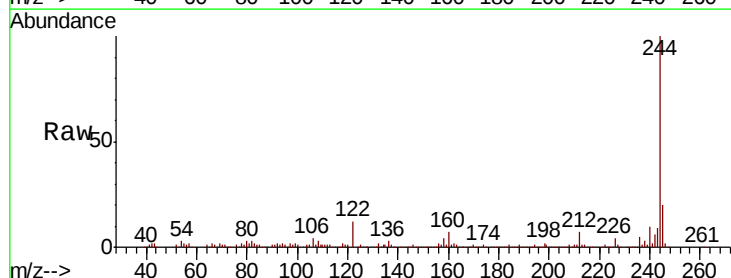
Instrument :
BNA_F
ClientSampleId :
STUCCO

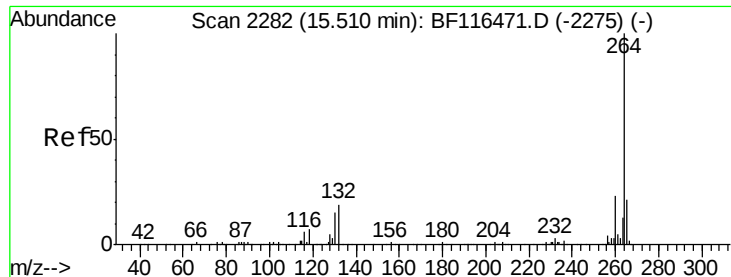
Tgt Ion:240 Resp: 180823
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 26.1 20.2 30.2



#79
Terphenyl-d14
Concen: 28.283 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF116575.D
Acq: 26 Aug 2019 15:30

Tgt Ion:244 Resp: 273794
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 12.1 10.2 15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116575.D
Acq: 26 Aug 2019 15:30

Instrument :
BNA_F
ClientSampleId :
STUCCO

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	20.4	17.1	25.7

