

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082619\
 Data File : BF116572.D
 Acq On : 26 Aug 2019 14:09
 Operator : HP/JU
 Sample : K4490-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STUCCO-AND-BRICK

Quant Time: Aug 27 04:08:57 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

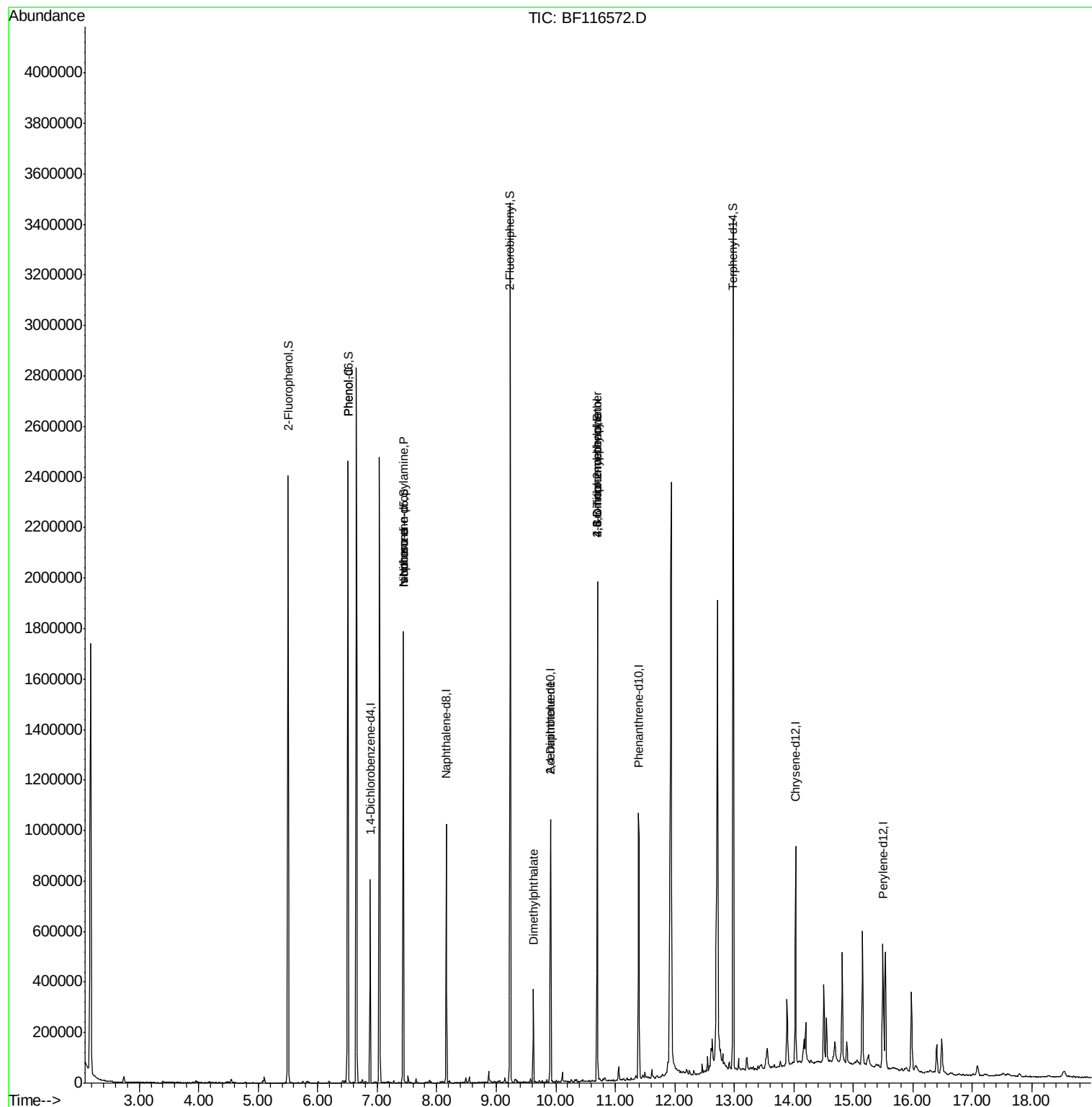
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	107131	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	405331	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	215153	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	373479	20.00	ng	0.00
76) Chrysene-d12	14.03	240	256090	20.00	ng	0.00
87) Perylene-d12	15.49	264	222581	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	649505	88.59	ng	0.00
7) Phenol-d6	6.51	99	882314	98.14	ng	0.00
23) Nitrobenzene-d5	7.44	82	569711	76.90	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	203654	110.23	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1057093	79.12	ng	0.00
79) Terphenyl-d14	12.98	244	1143659	83.42	ng	0.00
Target Compounds						
10) Phenol	6.52	94	36304	3.719	ng	85
19) n-Nitroso-di-n-propylamine	7.44	70	76882	12.533	ng	# 77
25) Isophorone	7.44	82	568039	38.907	ng	# 67
50) Dimethylphthalate	9.62	163	127406	8.487	ng	98
57) 2,4-Dinitrotoluene	9.91	165	27159	6.946	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.70	198	589	7.334	ng	# 1
67) 4-Bromophenyl-phenylether	10.70	248	13751	3.512	ng	# 1

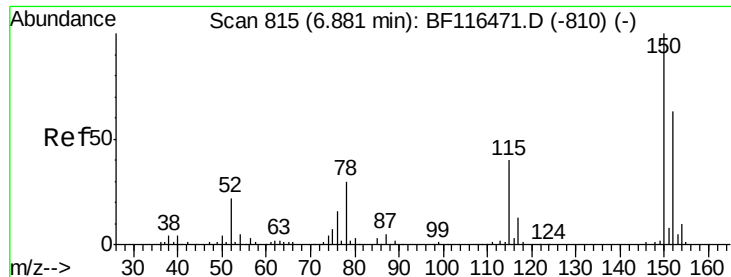
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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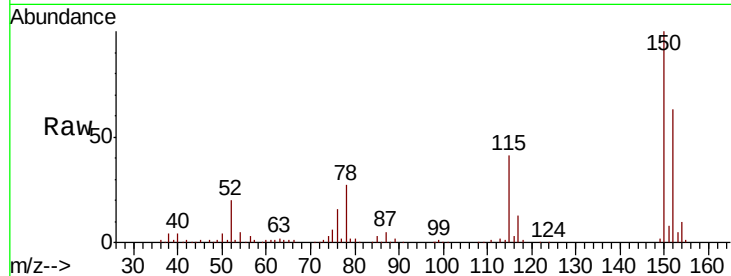


#1

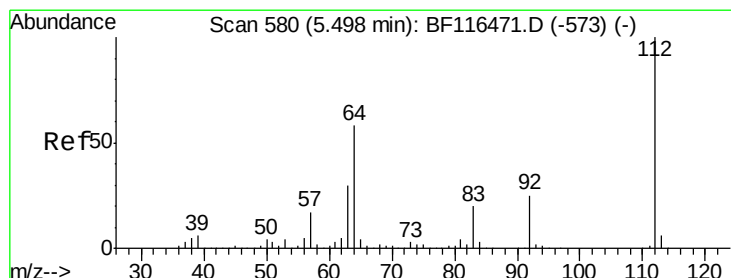
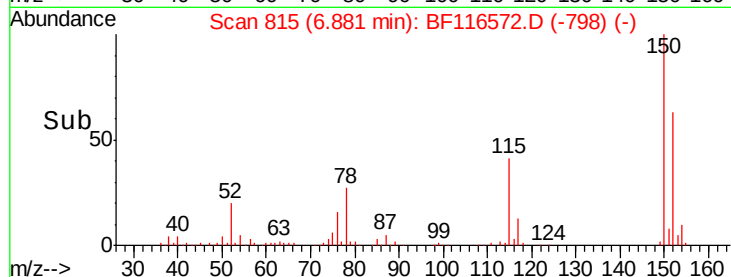
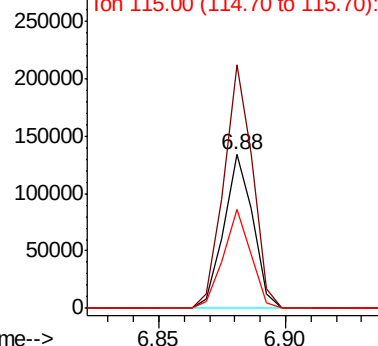
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Instrument :
BNA_F
ClientSampleId :
STUCCO-AND-BRICK

Tgt Ion:152 Resp: 107131
Ion Ratio Lower Upper
152 100
150 158.2 126.7 190.1
115 64.1 50.9 76.3



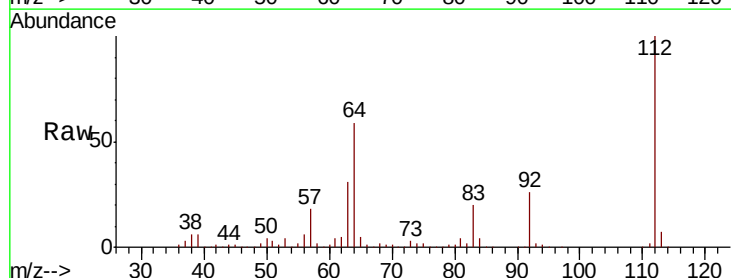
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



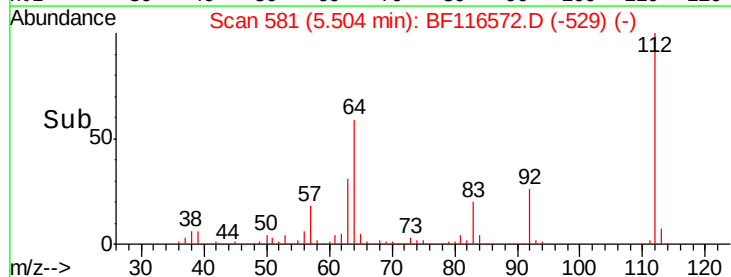
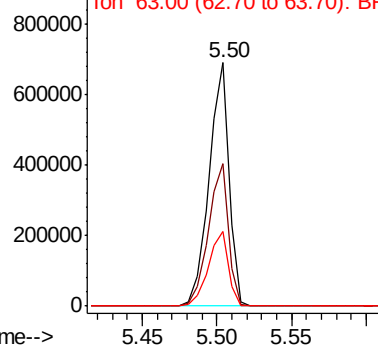
#5

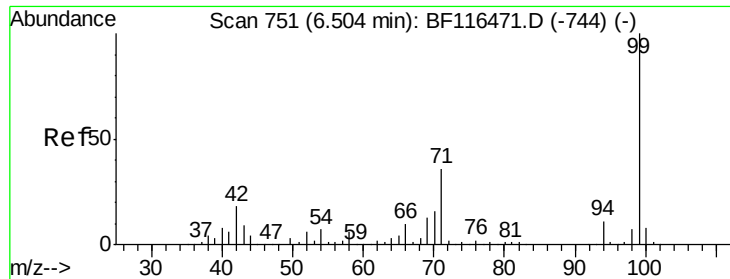
2-Fluorophenol
Concen: 88.585 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Tgt Ion:112 Resp: 649505
Ion Ratio Lower Upper
112 100
64 58.7 46.3 69.5
63 30.7 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: 98.143 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116572.D

Acq: 26 Aug 2019 14:09

Instrument :

BNA_F

ClientSampleId :

STUCCO-AND-BRICK

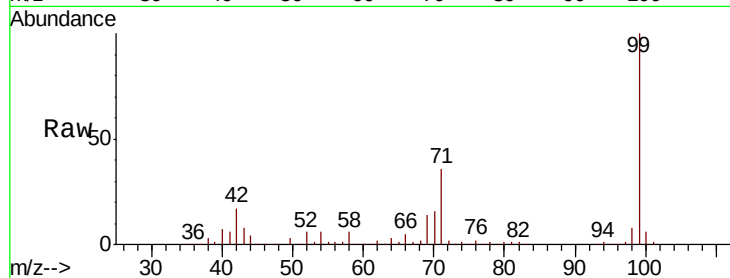
Tgt Ion: 99 Resp: 882314

Ion Ratio Lower Upper

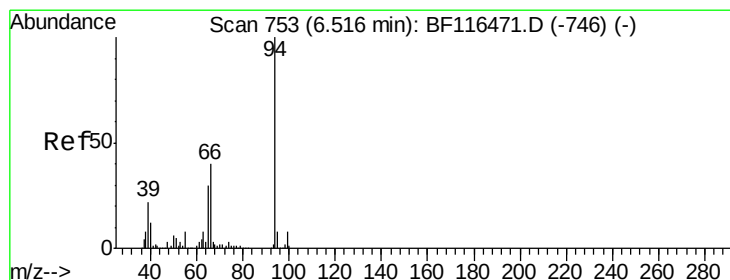
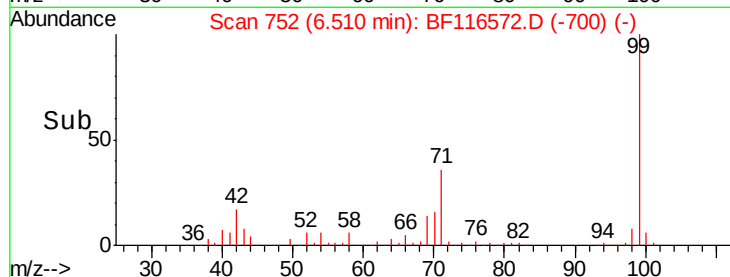
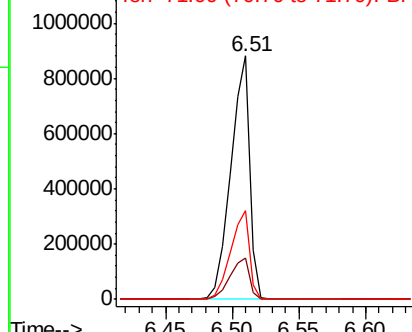
99 100

42 17.1 14.6 21.8

71 36.3 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



#10

Phenol

Concen: 3.719 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF116572.D

Acq: 26 Aug 2019 14:09

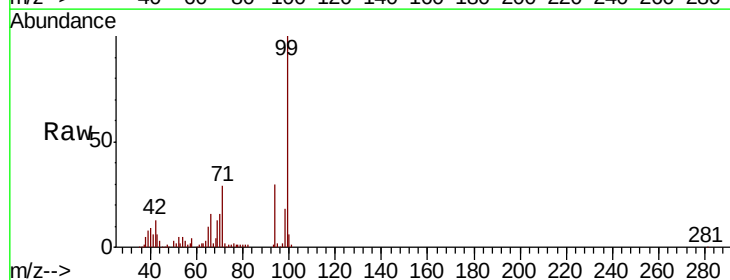
Tgt Ion: 94 Resp: 36304

Ion Ratio Lower Upper

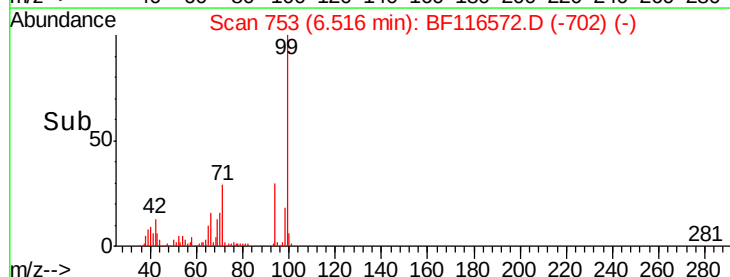
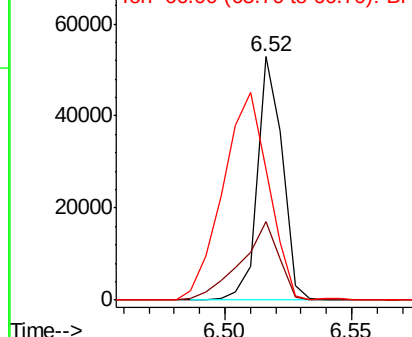
94 100

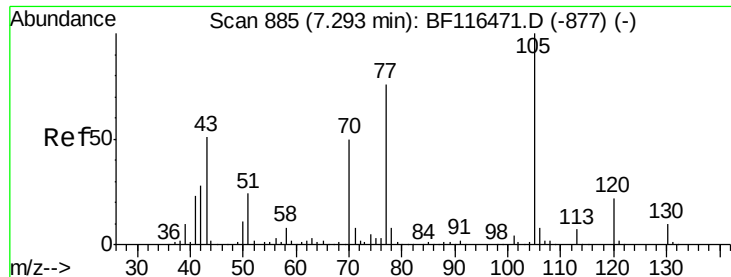
65 32.3 10.0 50.0

66 53.6 19.8 59.8



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

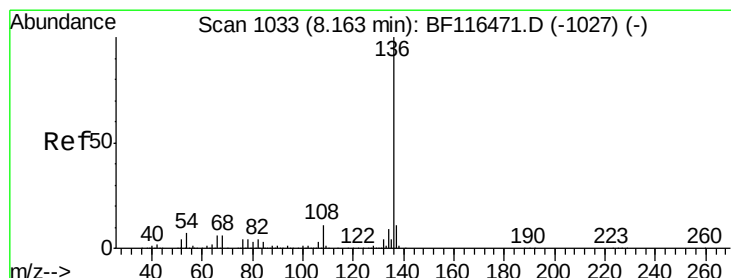
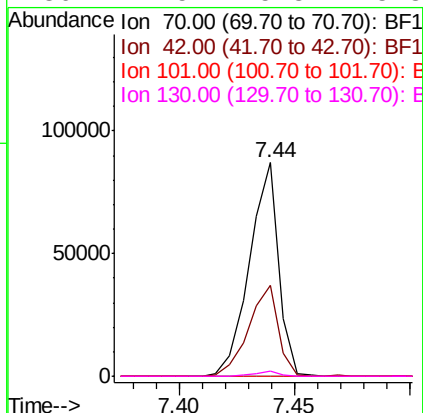
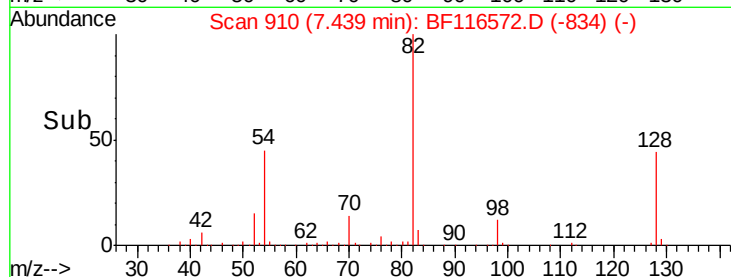
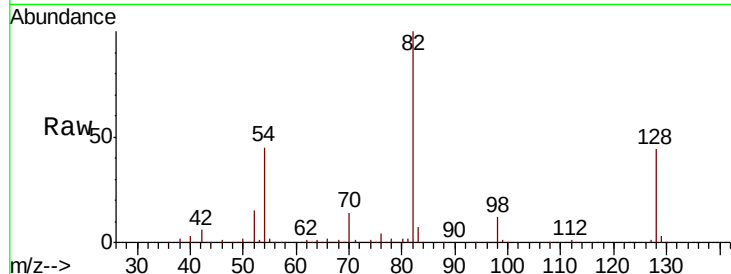




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.533 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.15 min
 Lab File: BF116572.D
 Acq: 26 Aug 2019 14:09

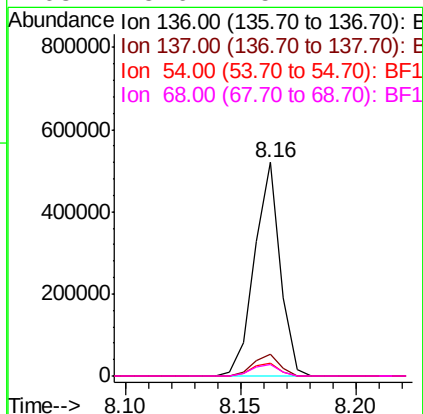
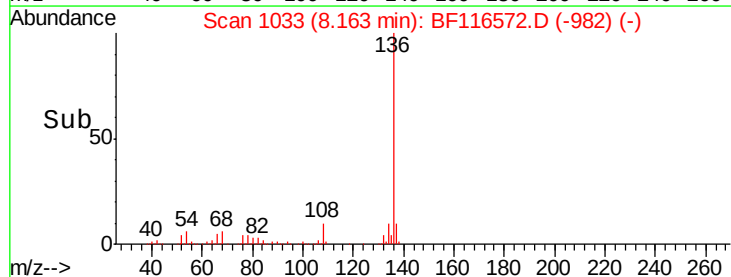
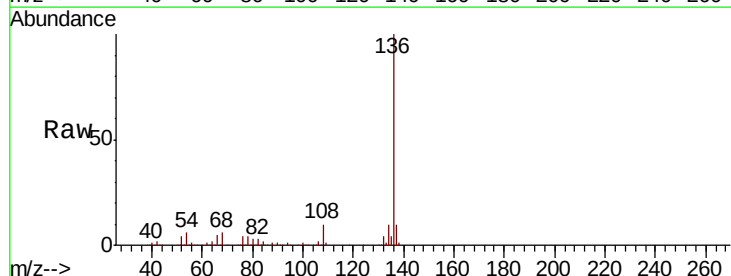
Instrument :
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 ClientSampleId :
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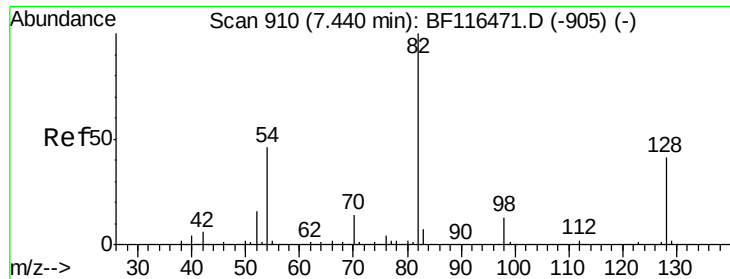
Tgt Ion: 70 Resp: 76882
 Ion Ratio Lower Upper
 70 100
 42 42.7 44.4 66.6#
 101 0.0 7.1 10.7#
 130 2.5 15.8 23.8#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF116572.D
 Acq: 26 Aug 2019 14:09

Tgt Ion: 136 Resp: 405331
 Ion Ratio Lower Upper
 136 100
 137 10.5 9.0 13.4
 54 6.3 5.8 8.6
 68 5.6 5.1 7.7

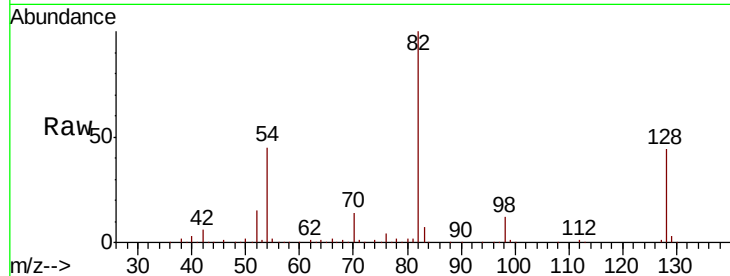




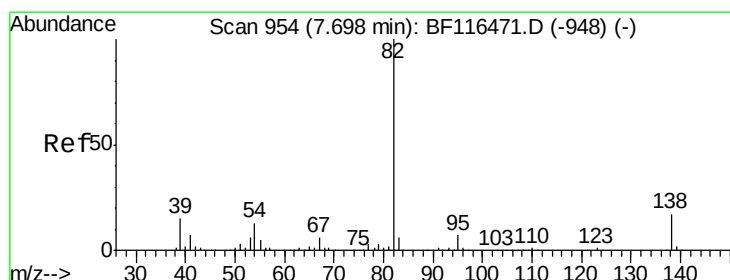
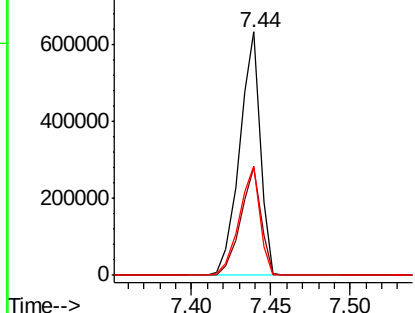
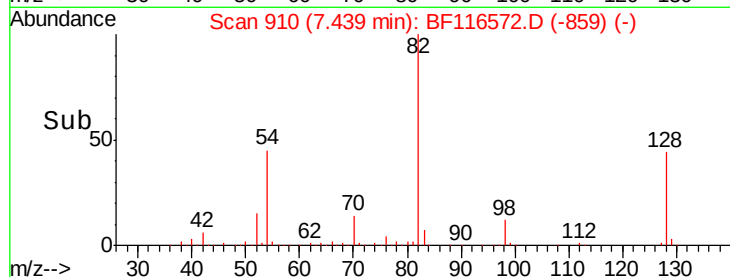
#23
Nitrobenzene-d5
Concen: 76.897 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Instrument :
BNA_F
ClientSampleId :
STUCCO-AND-BRICK

Tgt Ion: 82 Resp: 569711
Ion Ratio Lower Upper
82 100
128 44.3 32.2 48.4
54 45.0 36.5 54.7

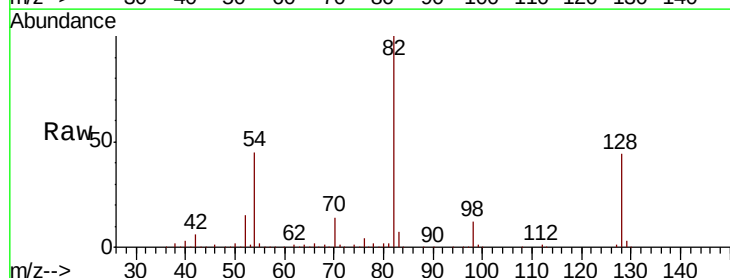


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

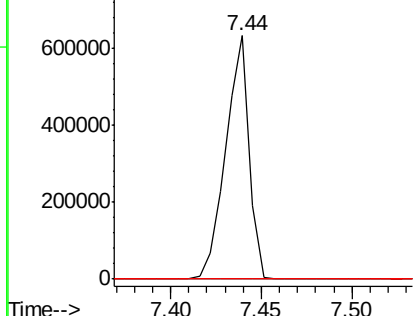
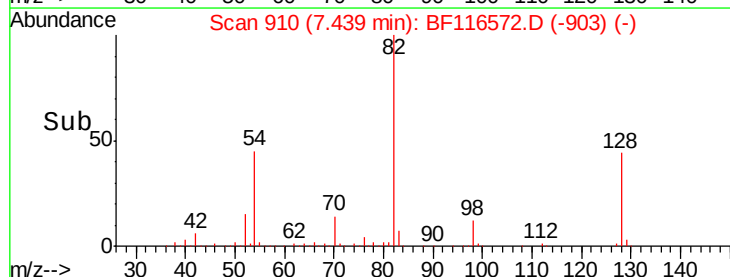


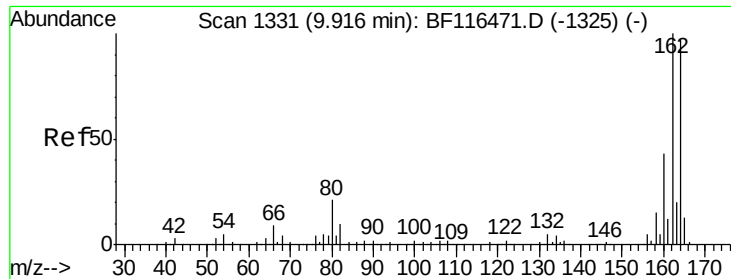
#25
Isophorone
Concen: 38.907 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Tgt Ion: 82 Resp: 568039
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

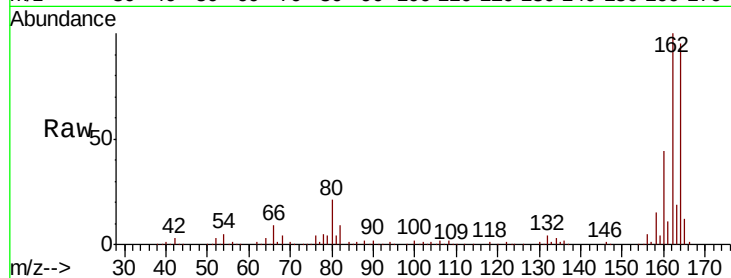




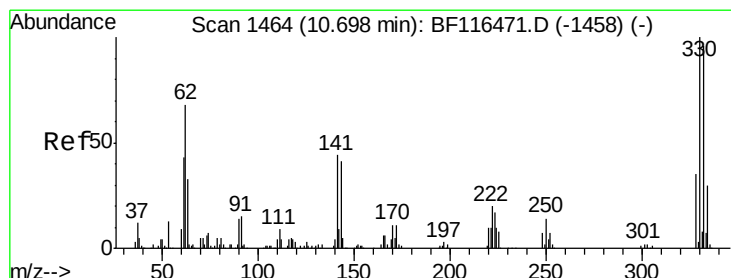
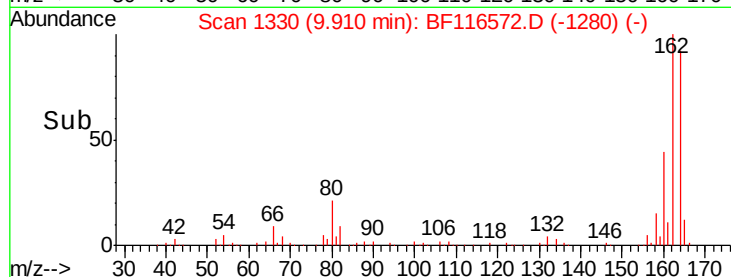
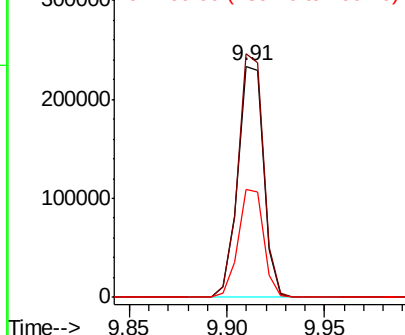
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Instrument :
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Tgt Ion:164 Resp: 215153
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 46.5 35.8 53.8

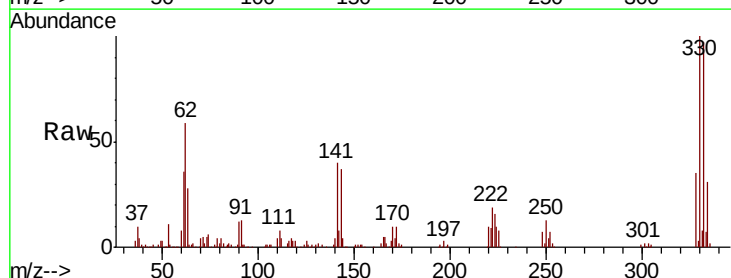


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

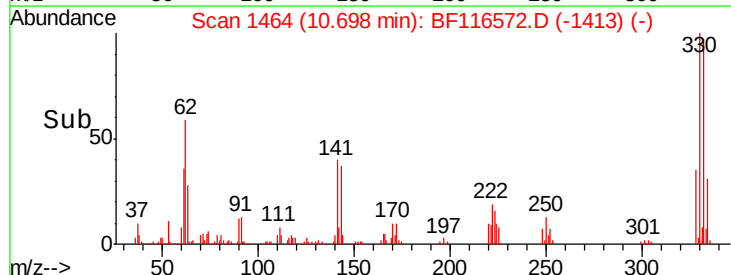
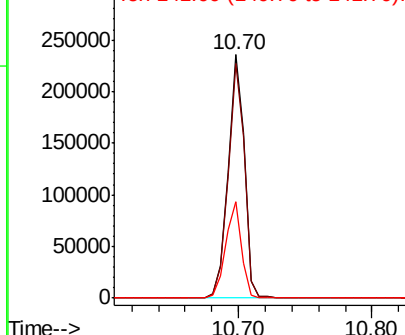


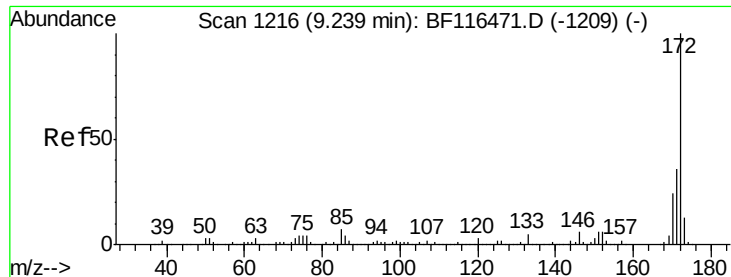
#42
2,4,6-Tribromophenol
Concen: 110.235 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Tgt Ion:330 Resp: 203654
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 38.7 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

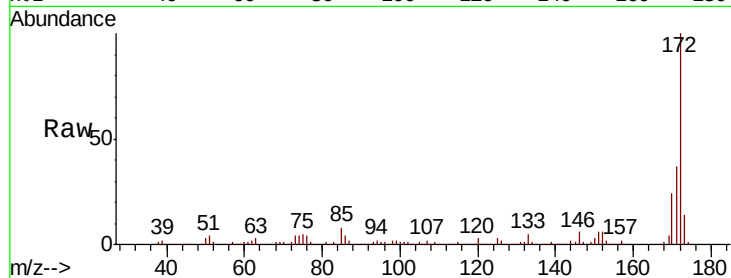




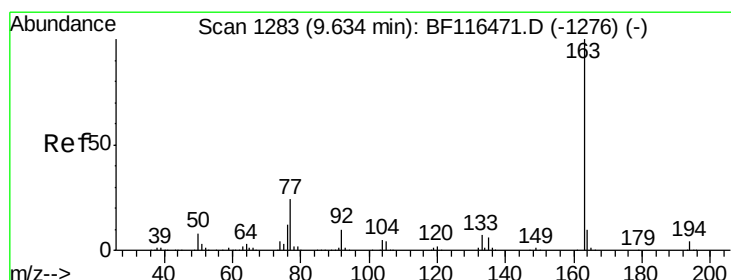
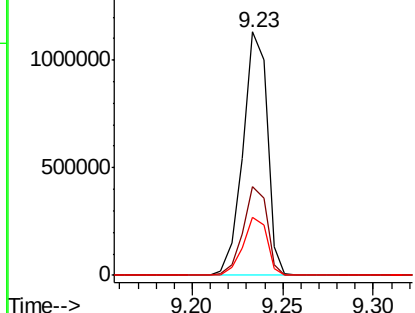
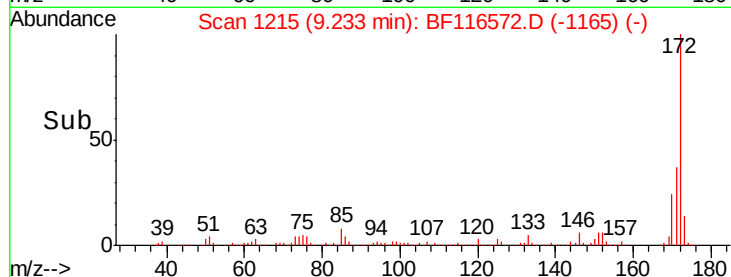
#45
 2-Fluorobiphenyl
 Concen: 79.123 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF116572.D
 Acq: 26 Aug 2019 14:09

Instrument :
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Tgt Ion:172 Resp: 1057093
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.0 19.4 29.0

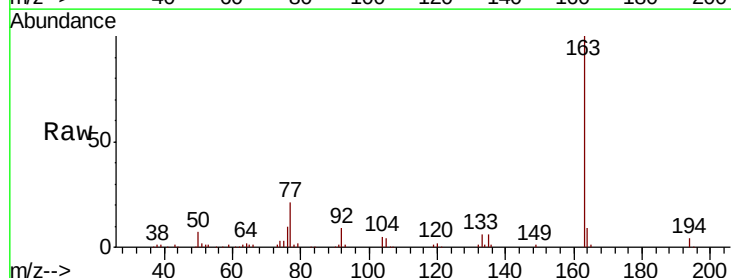


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

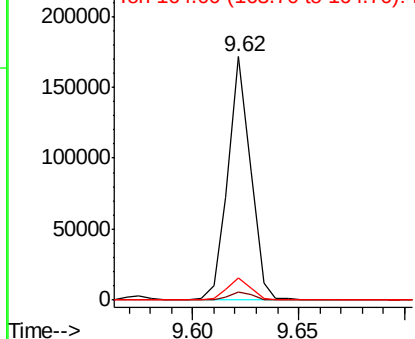
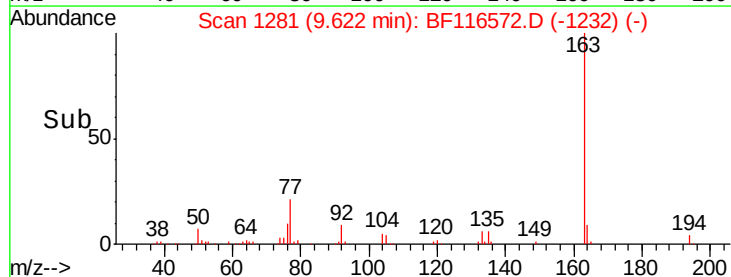


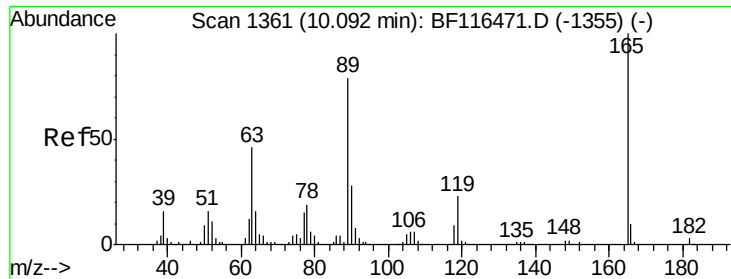
#50
 Dimethylphthalate
 Concen: 8.487 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF116572.D
 Acq: 26 Aug 2019 14:09

Tgt Ion:163 Resp: 127406
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.9 4.3
 164 9.4 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

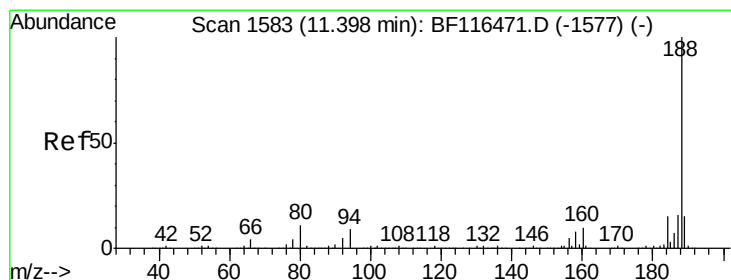
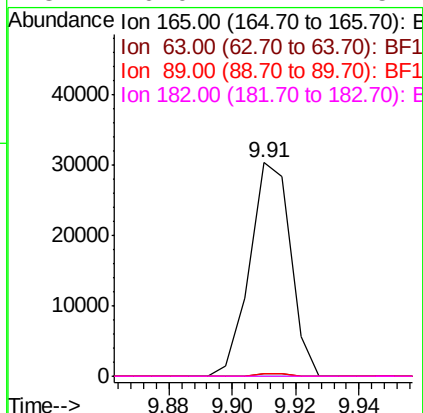
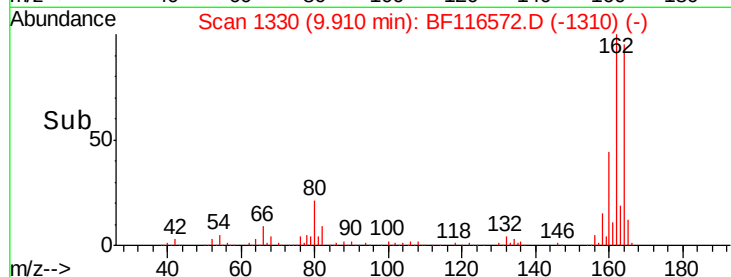
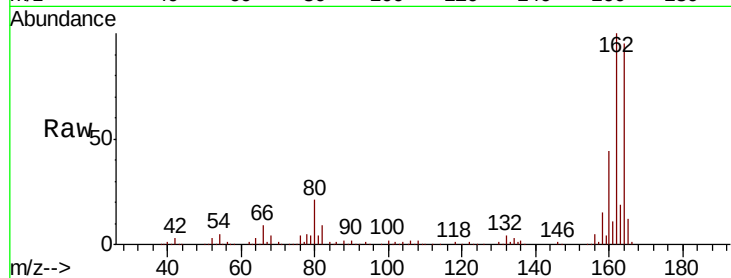




#57
 2,4-Dinitrotoluene
 Concen: 6.946 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.18 min
 Lab File: BF116572.D
 Acq: 26 Aug 2019 14:09

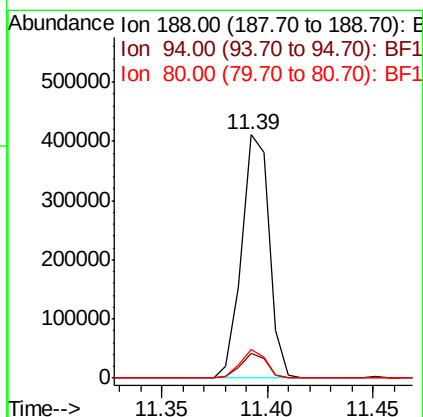
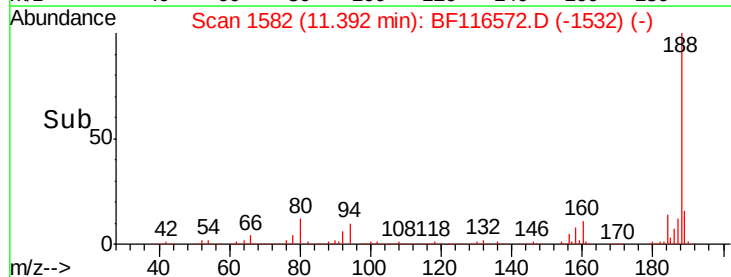
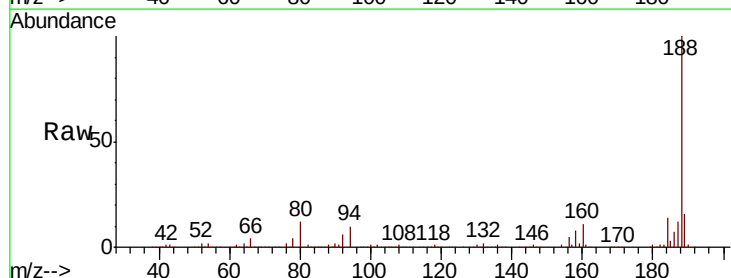
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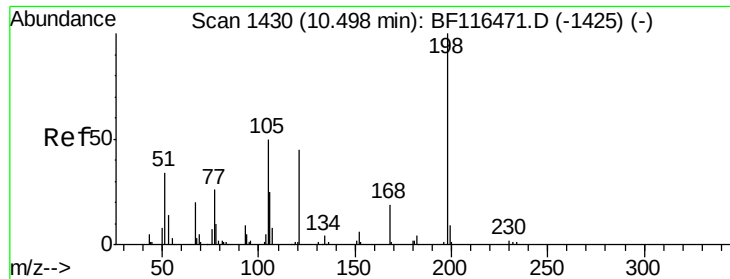
Tgt Ion:	165	Resp:	27159
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.9	55.3#
89	1.3	63.4	95.0#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF116572.D
 Acq: 26 Aug 2019 14:09

Tgt Ion:	188	Resp:	373479
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.4	11.2
80	11.6	8.6	12.8

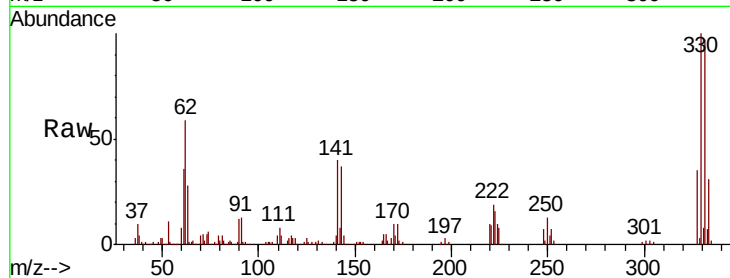




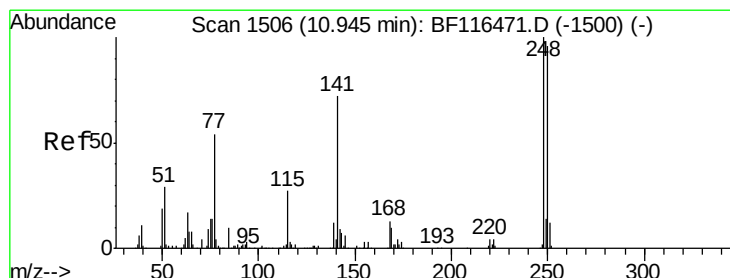
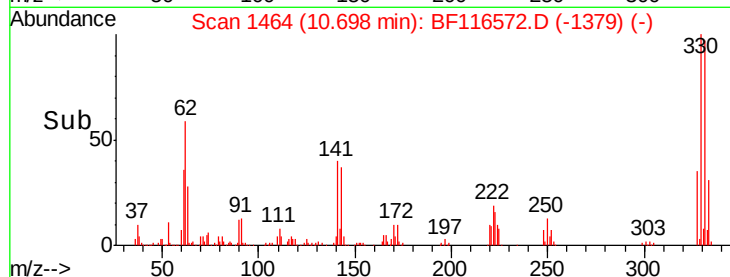
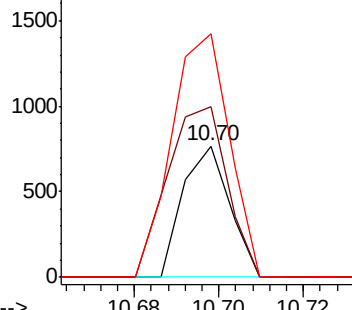
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.334 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.20 min
 Lab File: BF116572.D
 Acq: 26 Aug 2019 14:09

Instrument :
 BNA_F
 ClientSampleId :
 STUCCO-AND-BRICK

Tgt Ion:198 Resp: 589
 Ion Ratio Lower Upper
 198 100
 51 129.9 30.4 70.4#
 105 185.5 32.8 72.8#

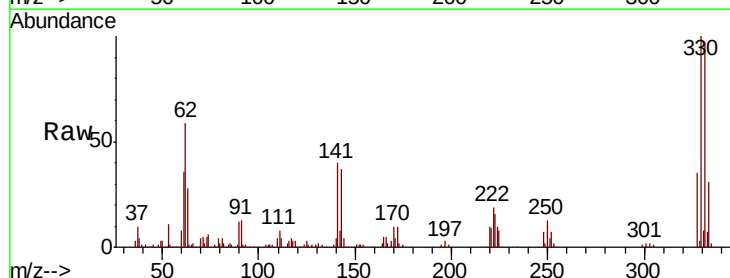


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

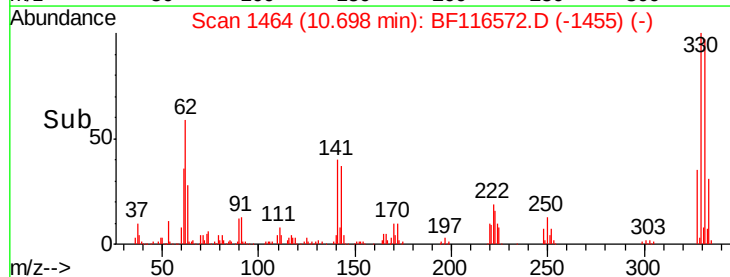
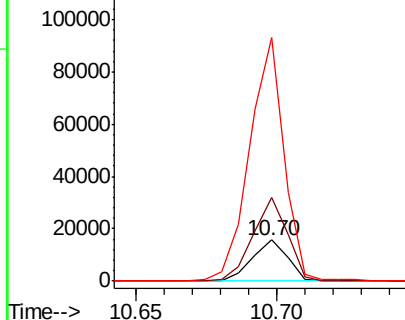


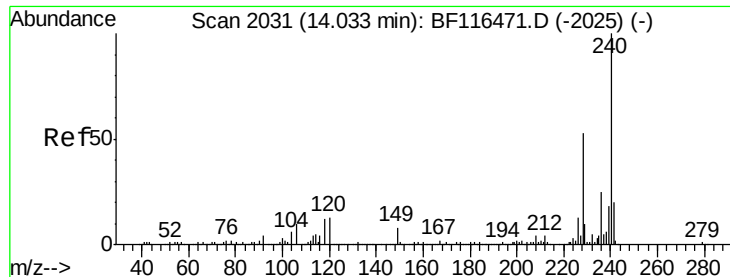
#67
 4-Bromophenyl-phenylether
 Concen: 3.512 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.25 min
 Lab File: BF116572.D
 Acq: 26 Aug 2019 14:09

Tgt Ion:248 Resp: 13751
 Ion Ratio Lower Upper
 248 100
 250 201.4 77.0 115.6#
 141 589.9 57.4 86.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

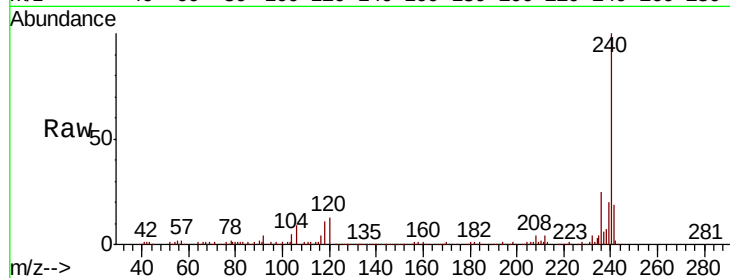




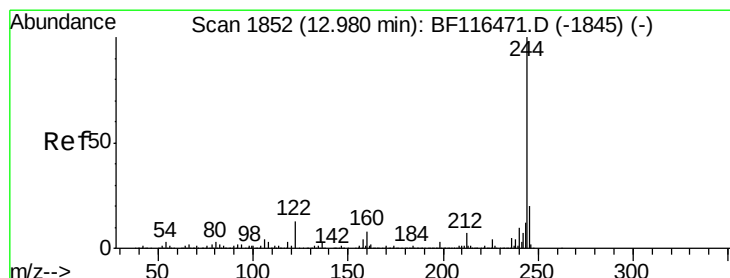
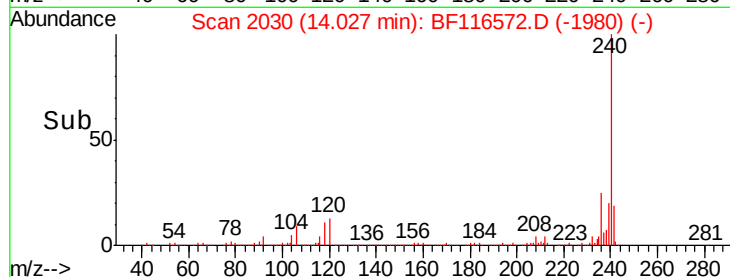
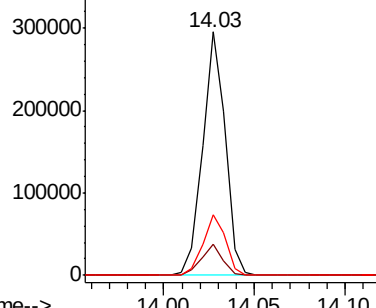
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Instrument :
BNA_F
ClientSampleId :
STUCCO-AND-BRICK

Tgt Ion:240 Resp: 256090
Ion Ratio Lower Upper
240 100
120 12.7 10.5 15.7
236 25.0 20.2 30.2

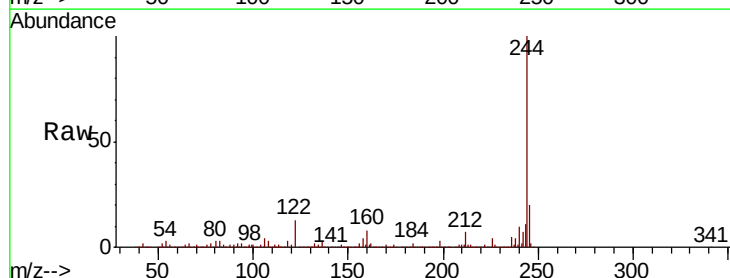


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

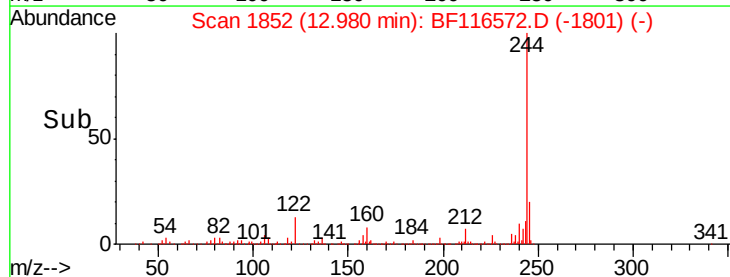
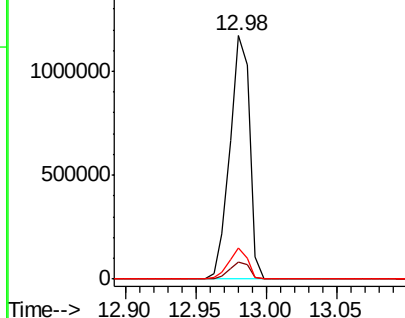


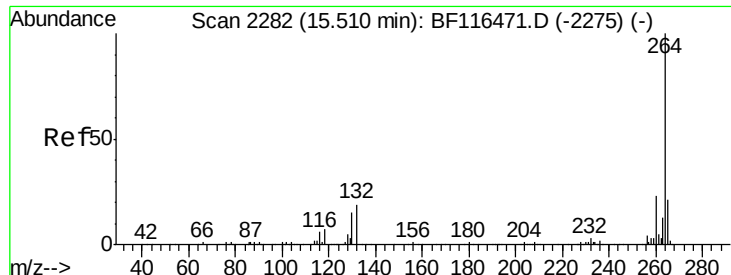
#79
Terphenyl-d14
Concen: 83.418 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Tgt Ion:244 Resp: 1143659
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 13.0 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: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116572.D
Acq: 26 Aug 2019 14:09

Instrument :
BNA_F
ClientSampleId :
STUCCO-AND-BRICK

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.7	17.1	25.7

