

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116522.D
 Acq On : 24 Aug 2019 14:34
 Operator : HP/JU
 Sample : K4490-05 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STUCCO-AND-BRICK

Quant Time: Aug 26 04:19:37 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	129532	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	479697	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	227360	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	341625	20.00	ng	0.00
76) Chrysene-d12	14.03	240	249262	20.00	ng	0.00
87) Perylene-d12	15.49	264	250854	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	59892	6.76	ng	0.00
7) Phenol-d6	6.49	99	85331	7.85	ng	-0.01
23) Nitrobenzene-d5	7.43	82	44751	5.10	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	8766	4.49	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	112735	7.99	ng	0.00
79) Terphenyl-d14	12.97	244	94215	7.06	ng	0.00

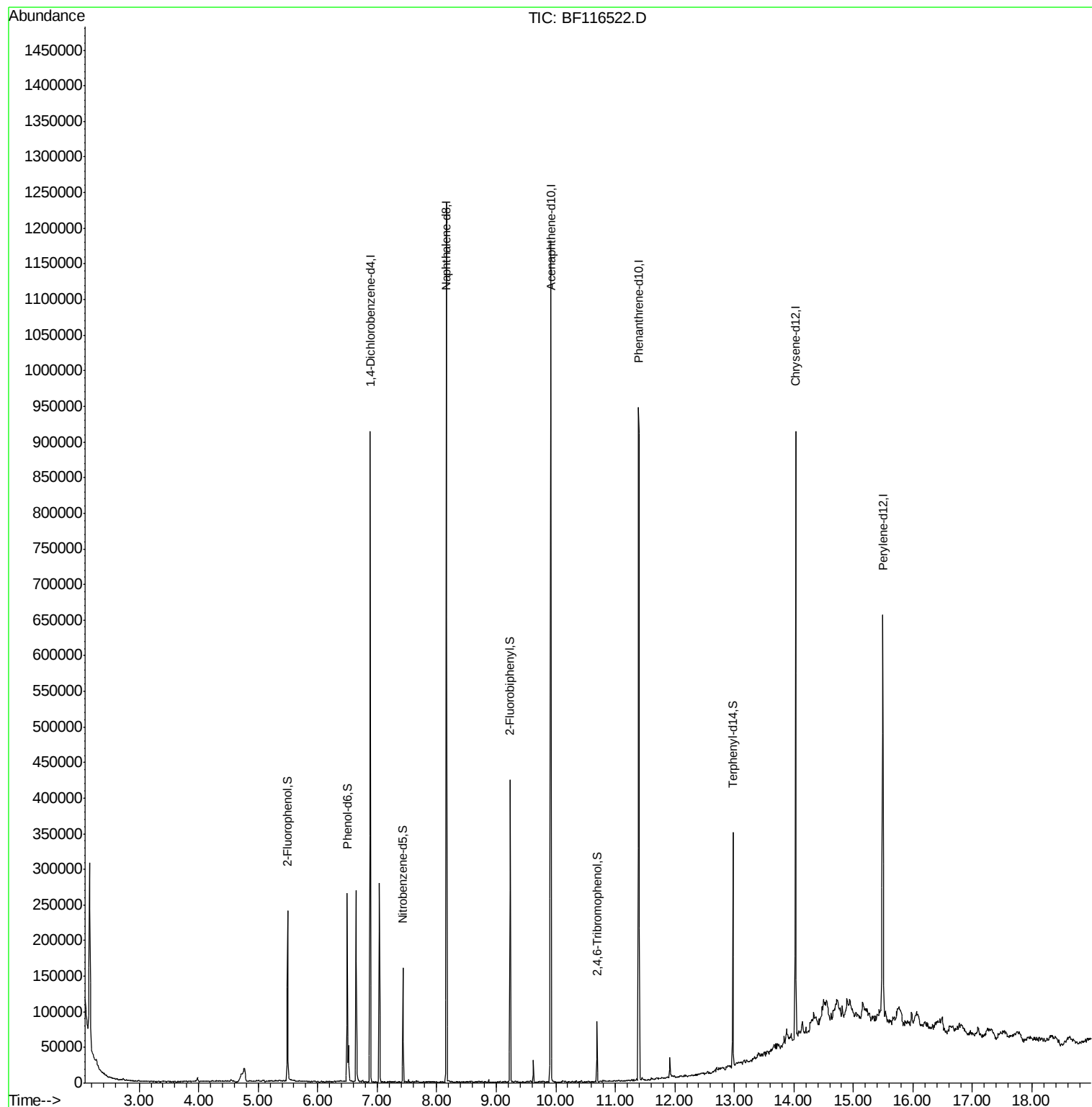
Target Compounds Qvalue

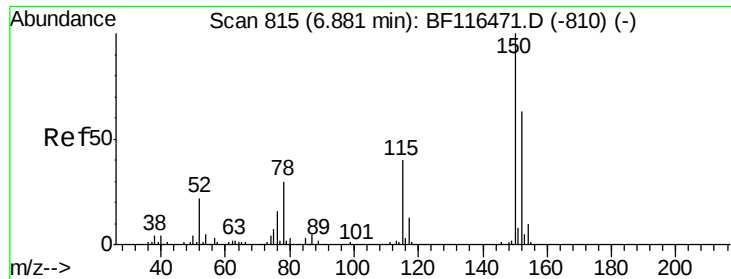
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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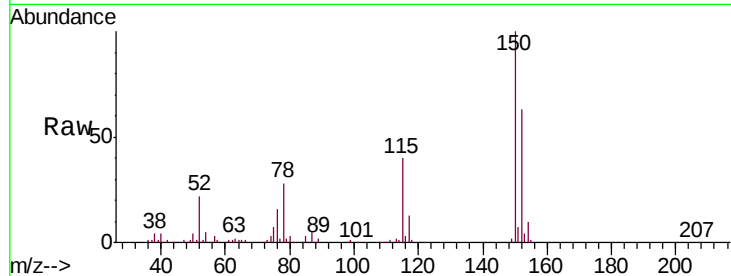


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
STUCCO-AND-BRICK

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.7	190.1
115	63.9	50.9	76.3

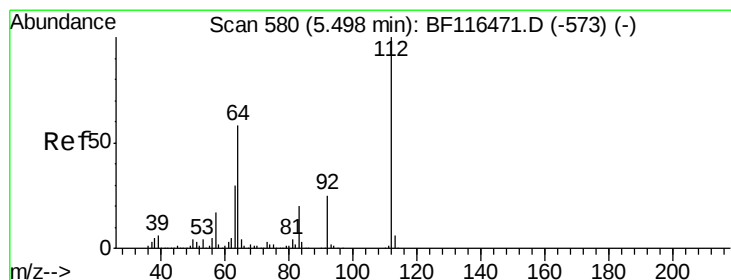
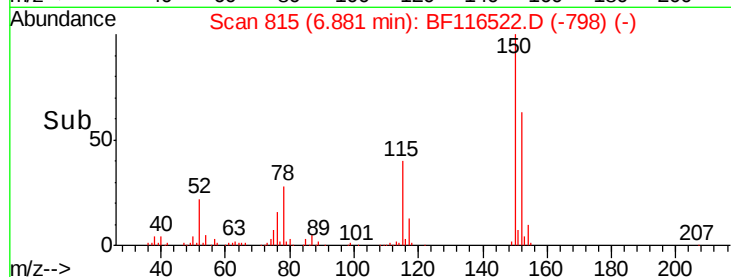
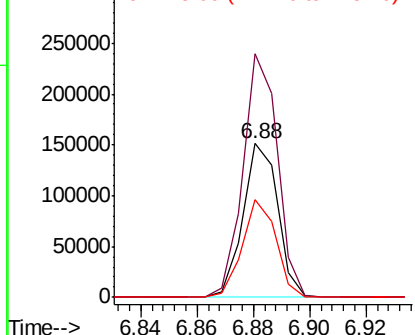


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

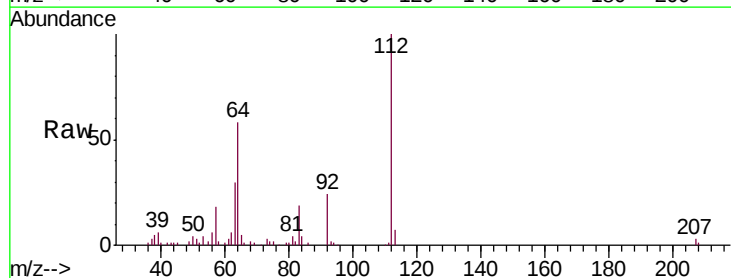
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.756 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.3	69.5
63	30.3	24.2	36.4

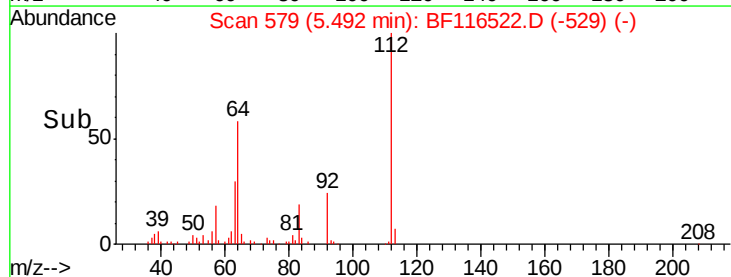
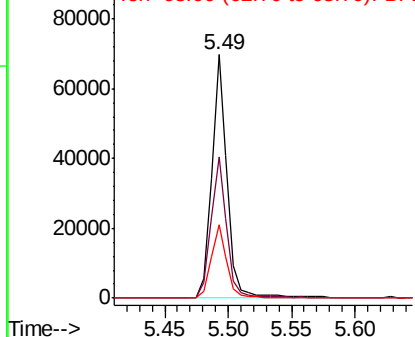


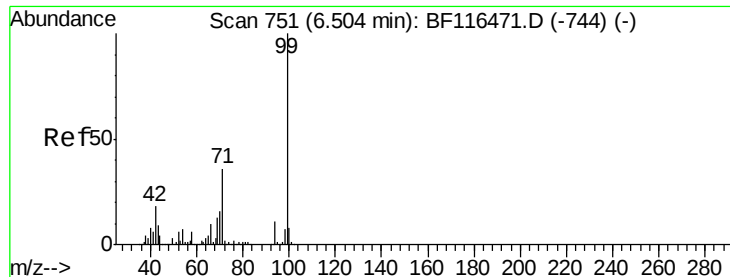
Abundance

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: 7.850 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116522.D

Acq: 24 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

STUCCO-AND-BRICK

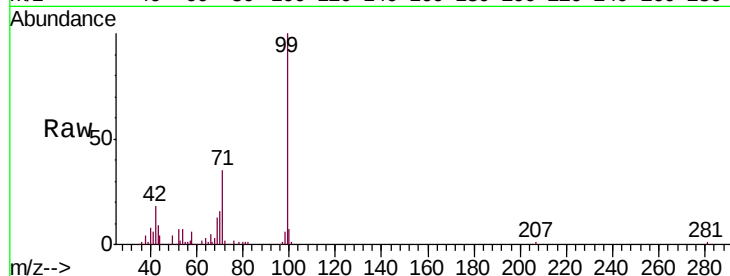
Tot Ion: 99 Resp: 85331

Ion Ratio Lower Upper

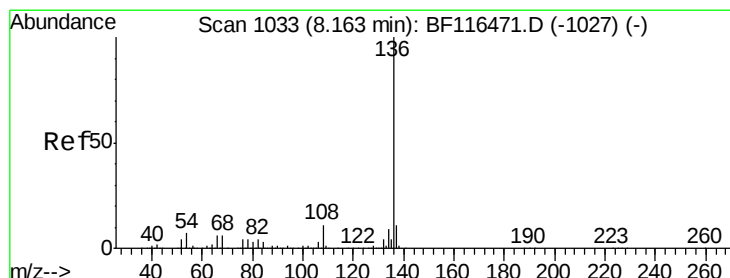
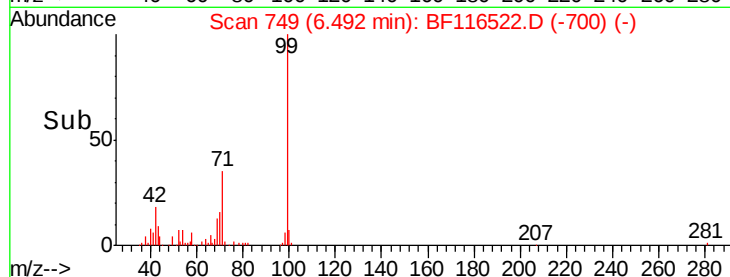
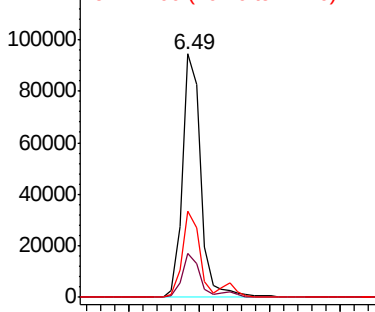
99 100

42 17.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116522.D

Acq: 24 Aug 2019 14:34

Tgt Ion: 136 Resp: 479697

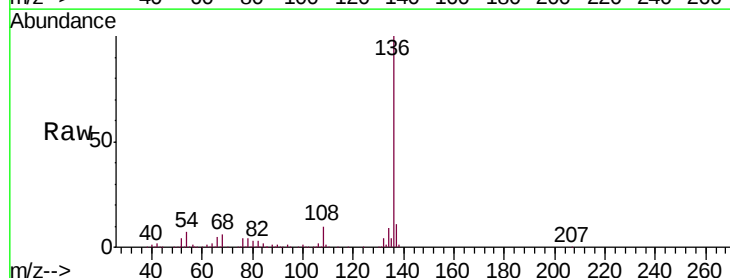
Ion Ratio Lower Upper

136 100

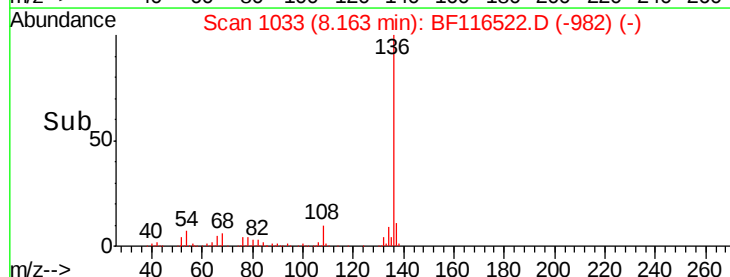
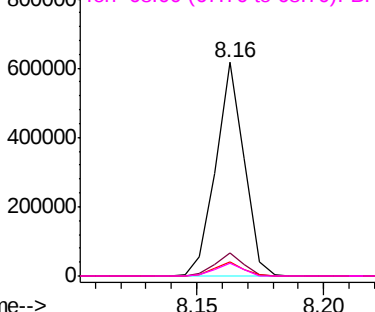
137 11.0 9.0 13.4

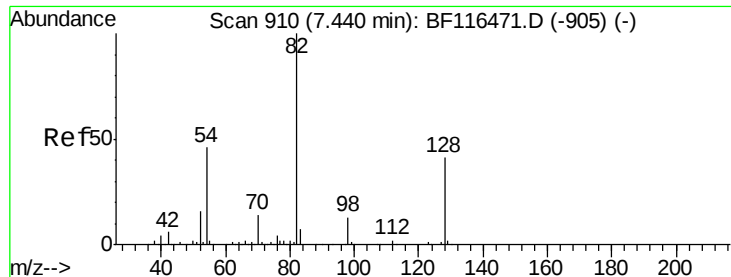
54 6.9 5.8 8.6

68 6.0 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

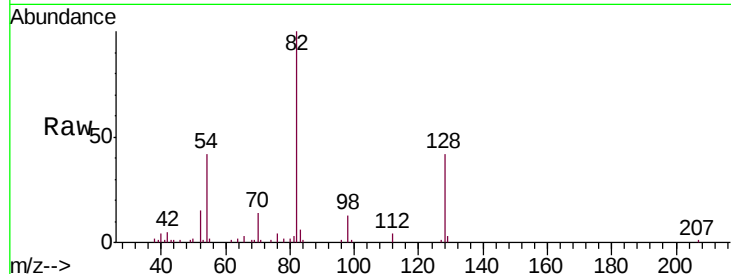




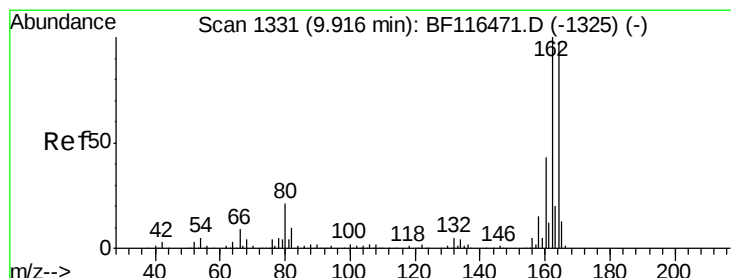
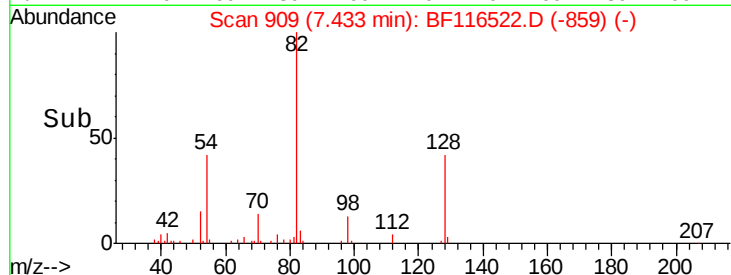
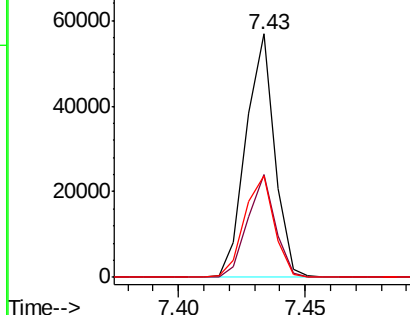
#23
 Nitrobenzene-d5
 Concen: 5.104 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116522.D
 Acq: 24 Aug 2019 14:34

Instrument :
 BNA_F
 ClientSampleId :
 STUCCO-AND-BRICK

Tot Ion	82	Resp	44751
Ion Ratio	Lower	Upper	
82	100		
128	42.0	32.2	48.4
54	41.9	36.5	54.7

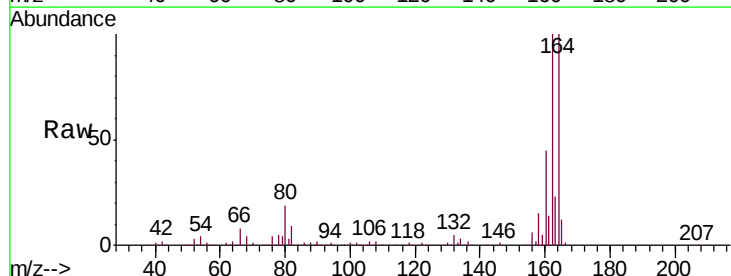


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

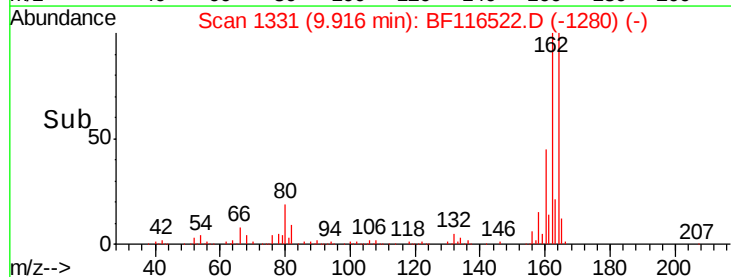
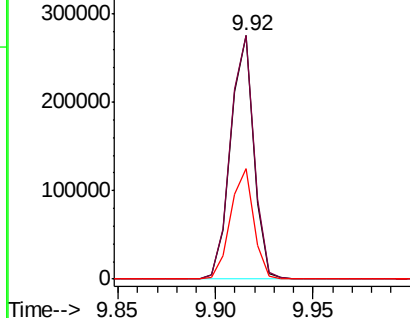


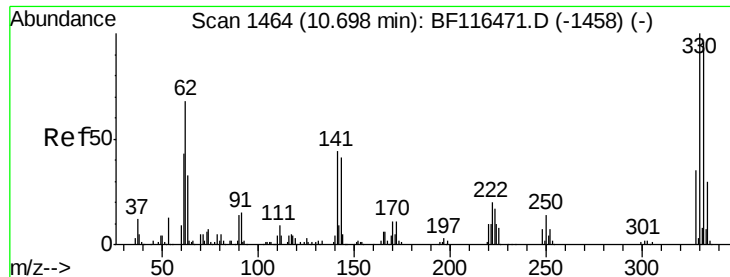
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116522.D
 Acq: 24 Aug 2019 14:34

Tgt Ion	164	Resp	227360
Ion Ratio	Lower	Upper	
164	100		
162	100.0	82.6	123.8
160	45.5	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: 4.490 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF116522.D

Acq: 24 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

STUCCO-AND-BRICK

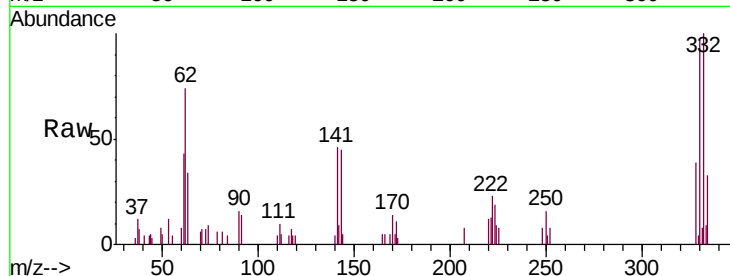
Tot Ion:330 Resp: 8766

Ion Ratio Lower Upper

330 100

332 99.5 77.2 115.8

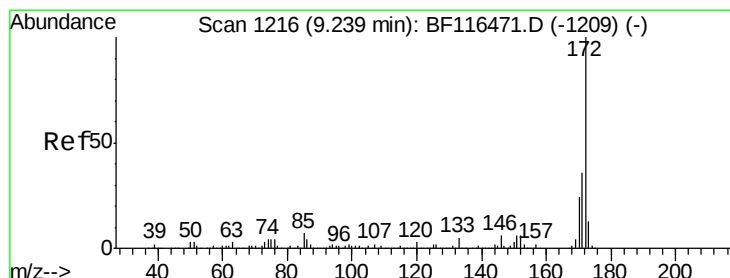
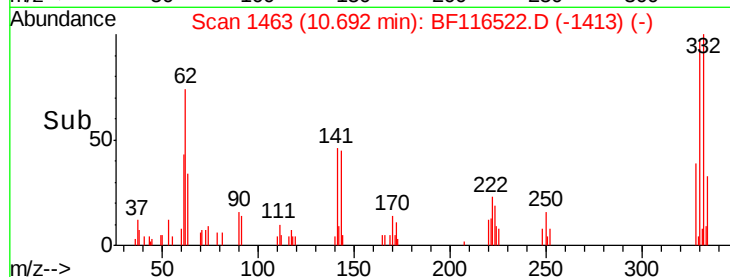
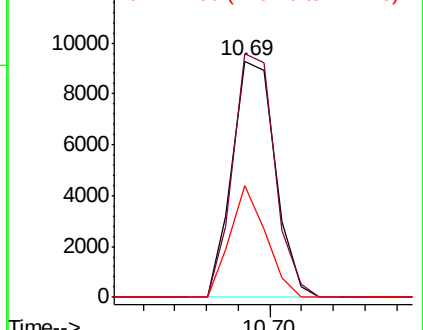
141 39.2 33.3 49.9



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: 7.985 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF116522.D

Acq: 24 Aug 2019 14:34

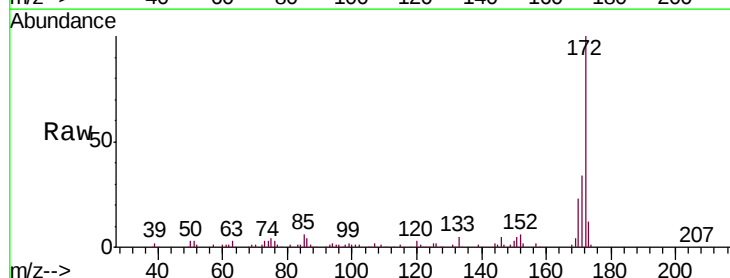
Tgt Ion:172 Resp: 112735

Ion Ratio Lower Upper

172 100

171 34.0 28.9 43.3

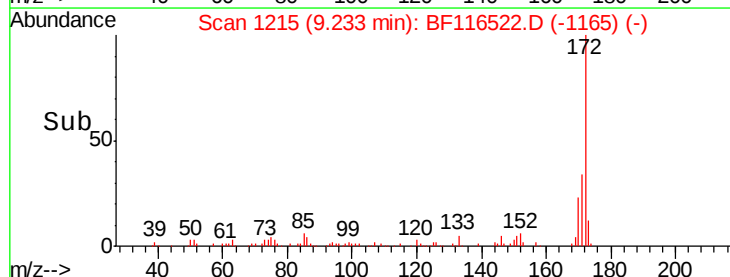
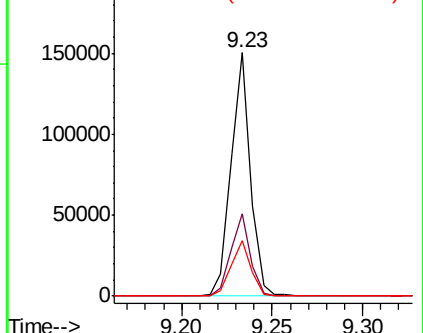
170 23.0 19.4 29.0

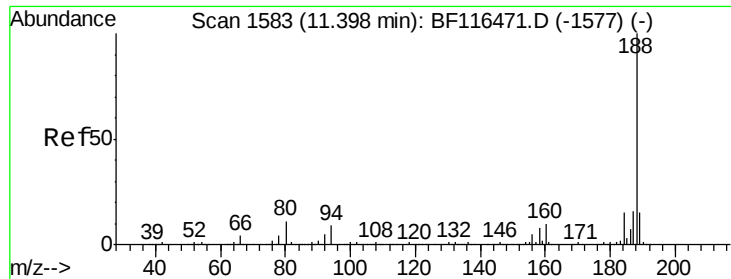


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

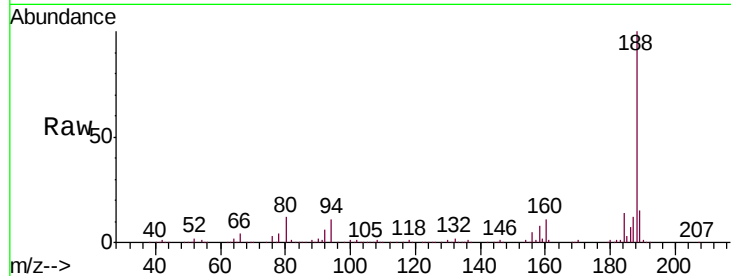




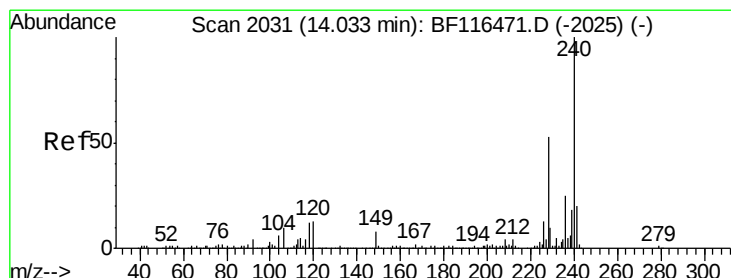
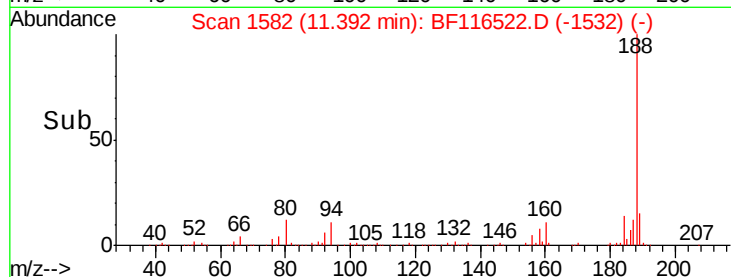
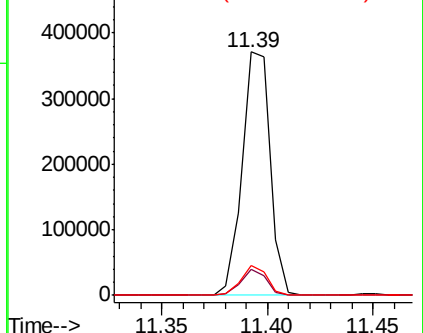
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Instrument :
BNA_F
ClientSampleId :
STUCCO-AND-BRICK

Tot Ion:188 Resp: 341625
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 12.1 8.6 12.8

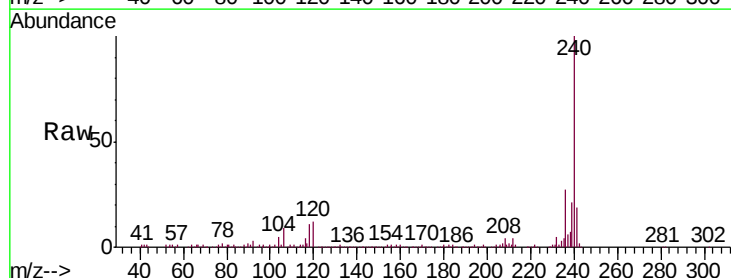


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

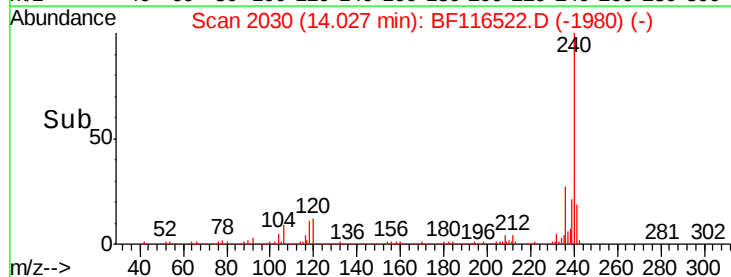
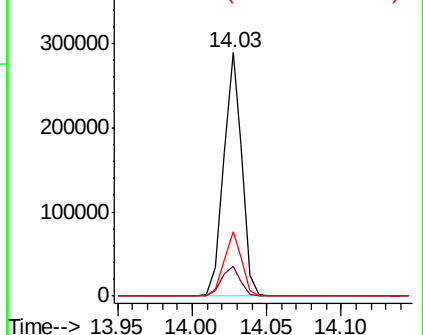


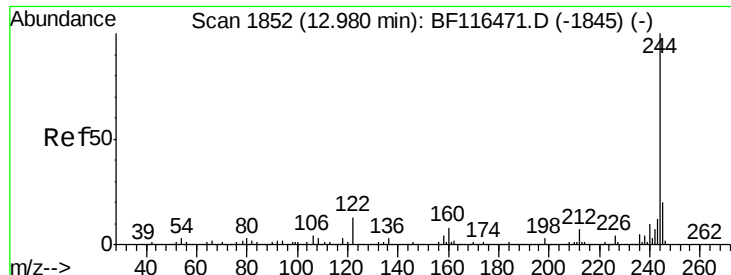
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116522.D
Acq: 24 Aug 2019 14:34

Tgt Ion:240 Resp: 249262
Ion Ratio Lower Upper
240 100
120 12.2 10.5 15.7
236 26.7 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: 7.060 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116522.D

Acq: 24 Aug 2019 14:34

Instrument :

BNA_F

ClientSampleId :

STUCCO-AND-BRICK

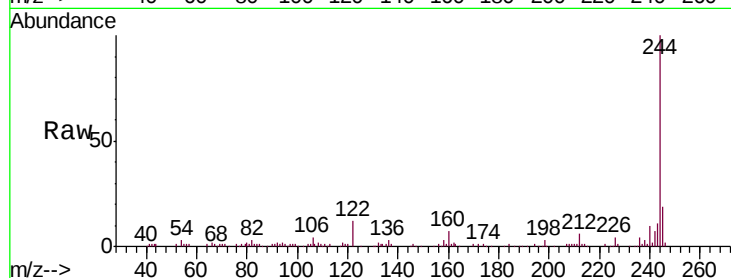
Tot Ion:244 Resp: 94215

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

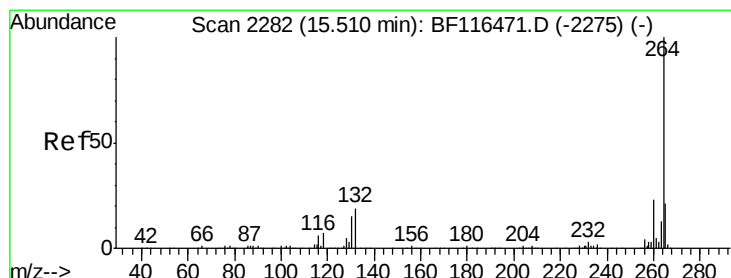
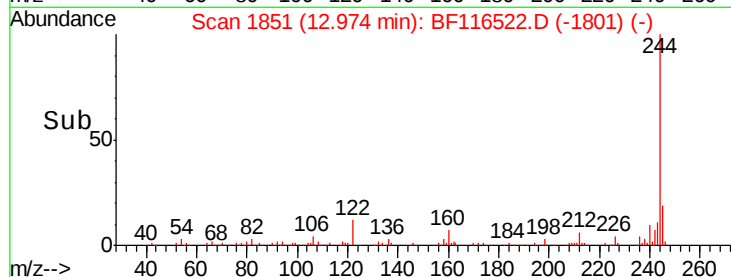
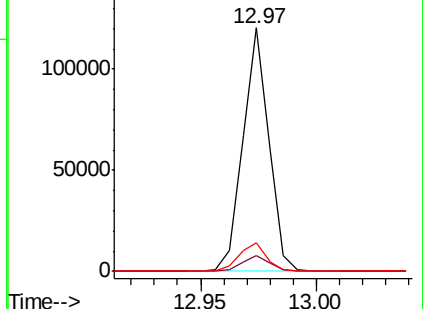
122 11.7 10.2 15.4



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: BF116522.D

Acq: 24 Aug 2019 14:34

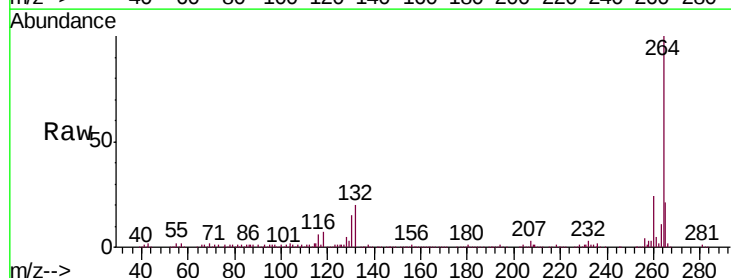
Tgt Ion:264 Resp: 250854

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.3 17.1 25.7



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

