

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116523.D
 Acq On : 24 Aug 2019 15:01
 Operator : HP/JU
 Sample : K4490-07 20X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

Quant Time: Aug 26 04:21:19 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	142488	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	540220	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	262459	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	413745	20.00	ng	0.00
76) Chrysene-d12	14.03	240	269709	20.00	ng	0.00
87) Perylene-d12	15.50	264	266619	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	30349	3.11	ng	0.00
7) Phenol-d6	6.49	99	43031	3.60	ng	-0.01
23) Nitrobenzene-d5	7.43	82	22633	2.29	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	3517	1.56	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	60076	3.69	ng	0.00
79) Terphenyl-d14	12.97	244	50894	3.52	ng	0.00

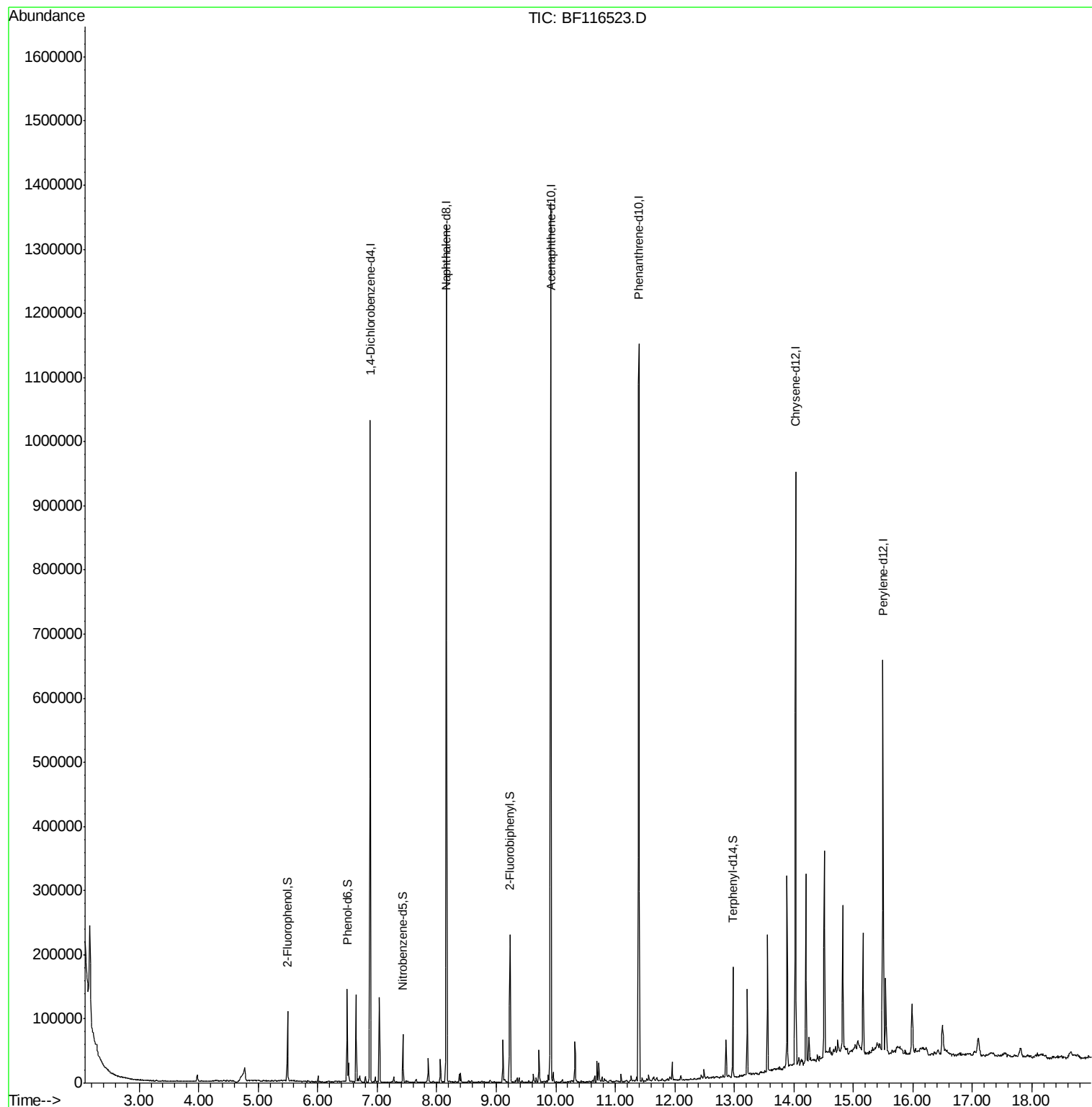
Target Compounds	Qvalue
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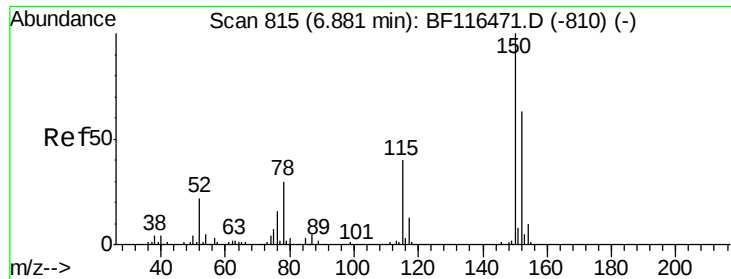
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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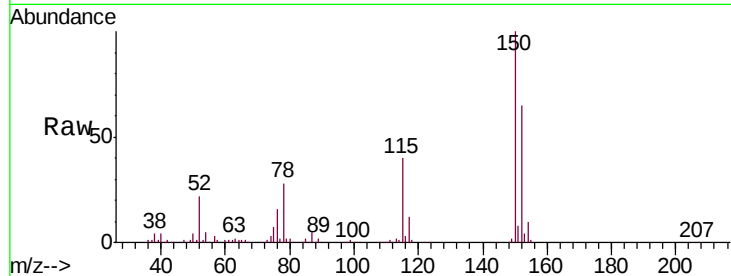


#1

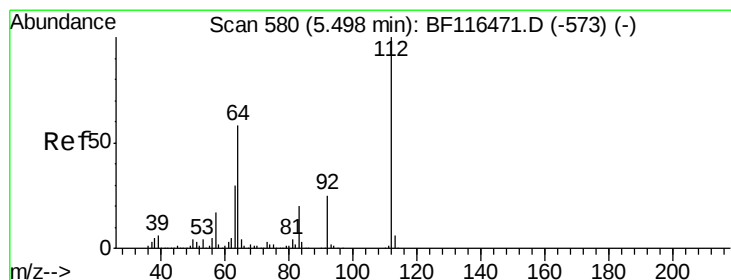
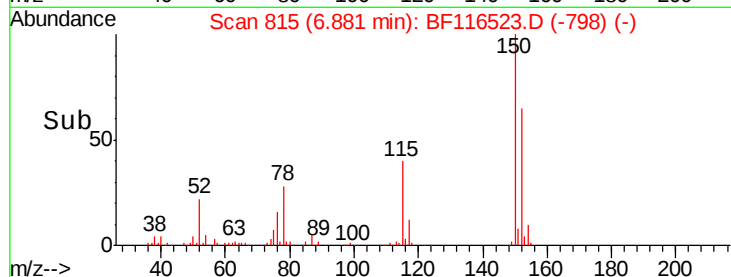
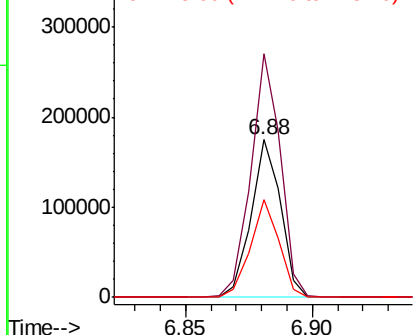
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116523.D
Acq: 24 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

Tot Ion:152 Resp: 142488
Ion Ratio Lower Upper
152 100
150 154.3 126.7 190.1
115 61.7 50.9 76.3



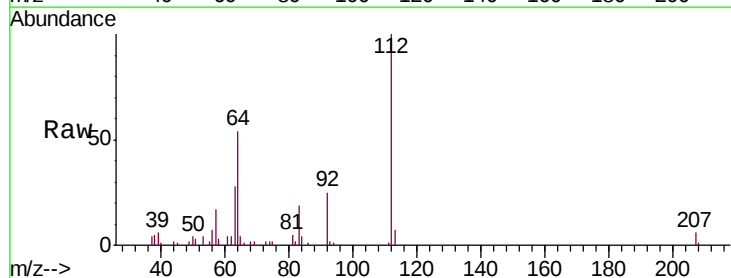
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



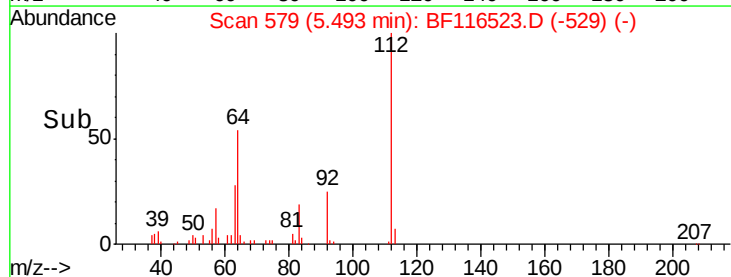
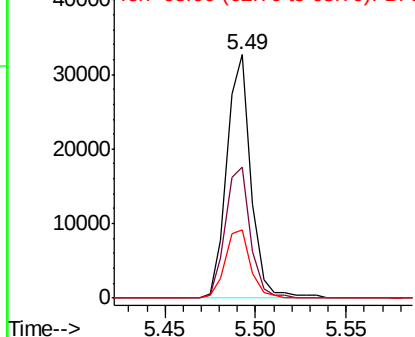
#5

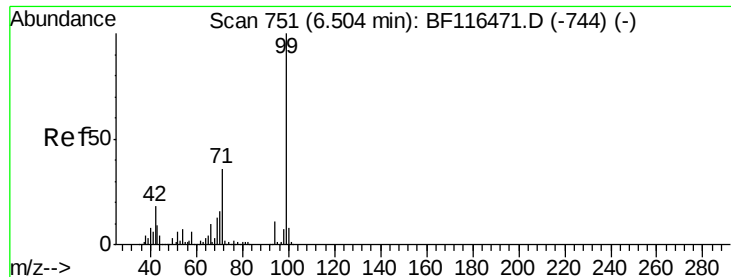
2-Fluorophenol
Concen: 3.112 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF116523.D
Acq: 24 Aug 2019 15:01

Tgt Ion:112 Resp: 30349
Ion Ratio Lower Upper
112 100
64 53.7 46.3 69.5
63 28.2 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: 3.599 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116523.D

Acq: 24 Aug 2019 15:01

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB

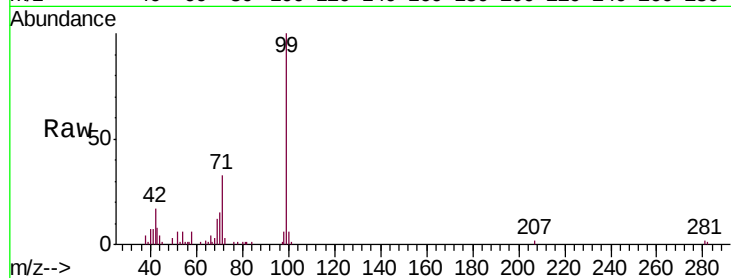
Tot Ion: 99 Resp: 43031

Ion Ratio Lower Upper

99 100

42 17.1 14.6 21.8

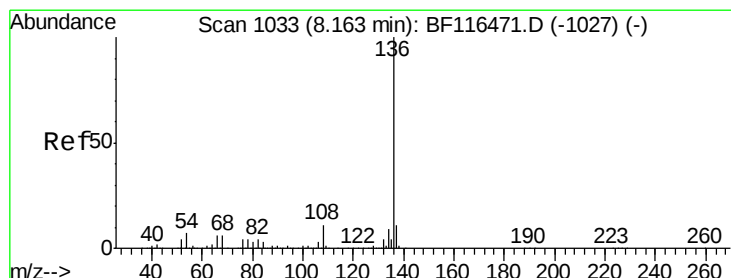
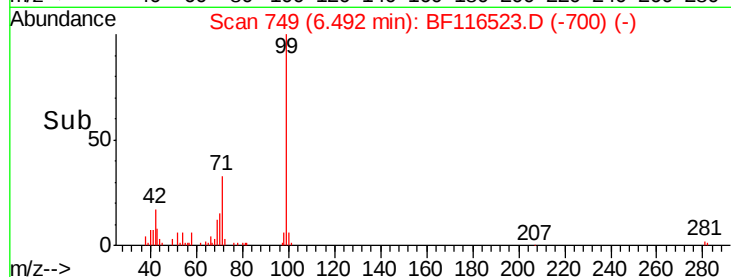
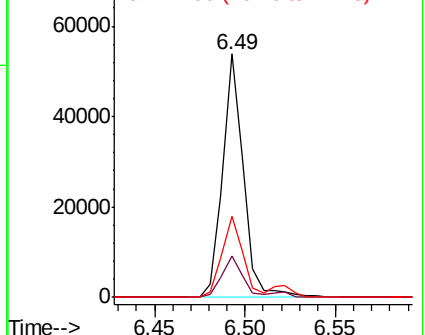
71 33.4 28.5 42.7



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: BF116523.D

Acq: 24 Aug 2019 15:01

Tgt Ion: 136 Resp: 540220

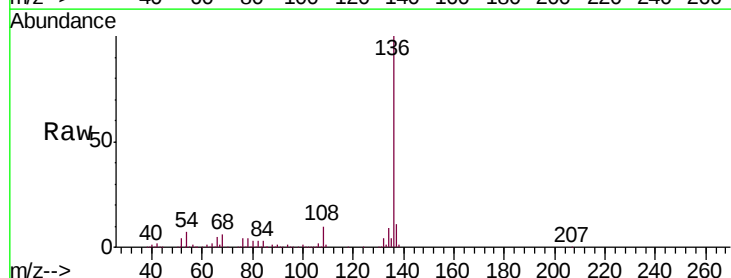
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.9 5.8 8.6

68 6.1 5.1 7.7

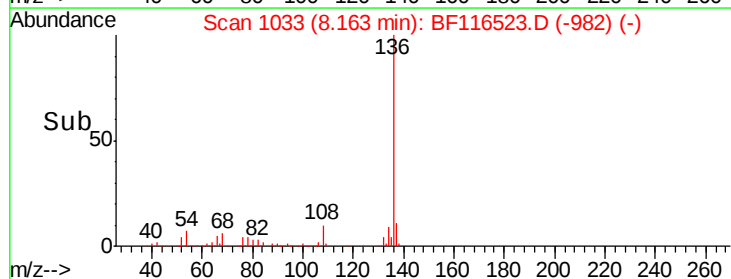
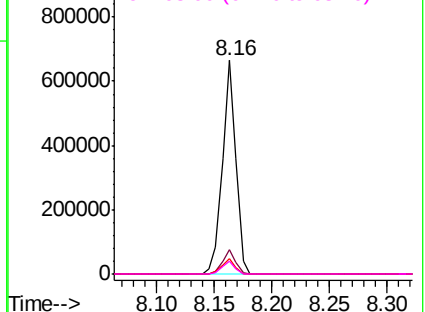


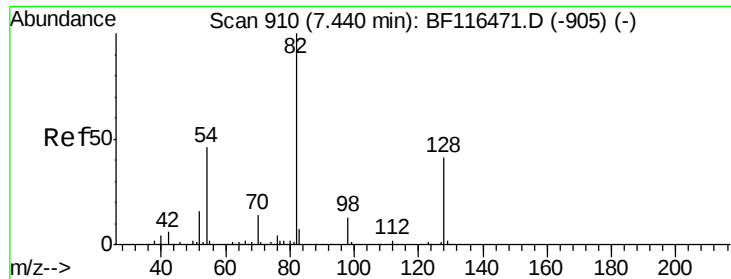
Abundance Ion 136.00 (135.70 to 136.70): E

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

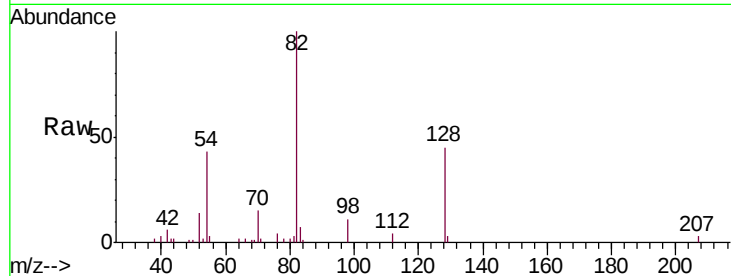




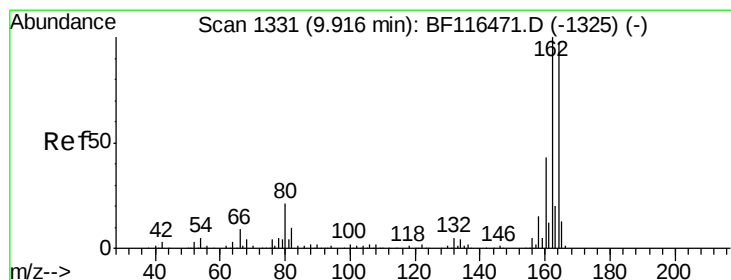
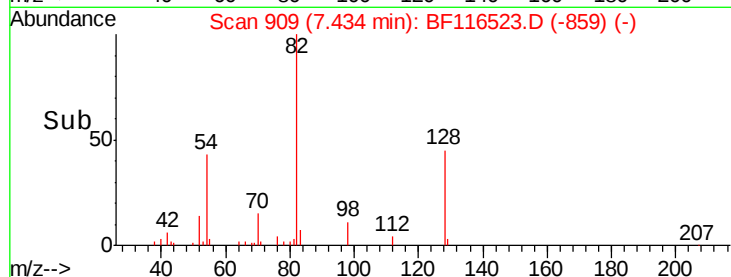
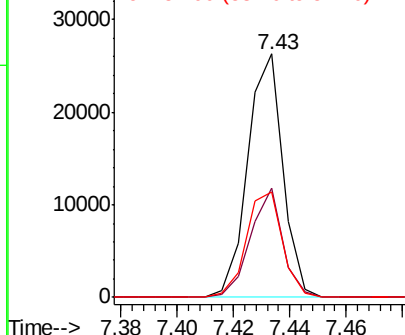
#23
 Nitrobenzene-d5
 Concen: 2.292 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

Tot Ion	82	Resp	22633
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.2	48.4
54	43.2	36.5	54.7

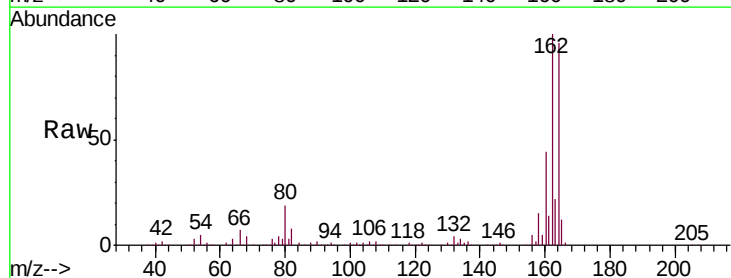


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

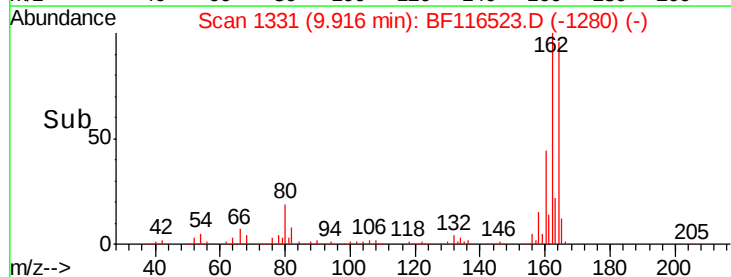
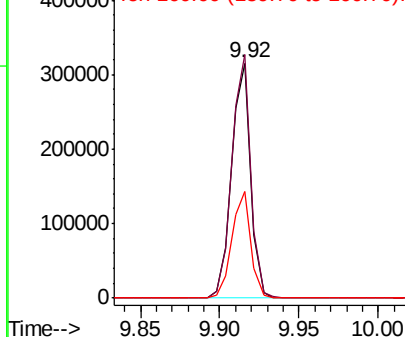


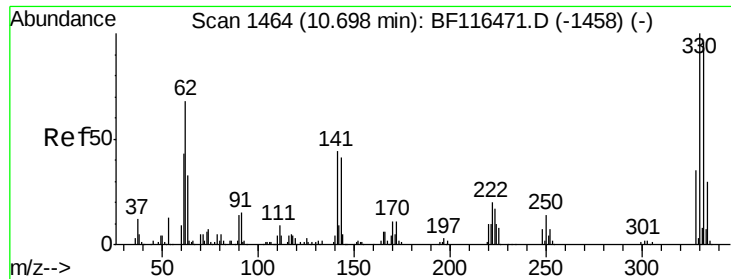
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

Tgt Ion	164	Resp	262459
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.6	123.8
160	45.4	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: 1.561 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF116523.D

Acq: 24 Aug 2019 15:01

Instrument :

BNA_F

ClientSampleId :

CONCRETE-SLAB

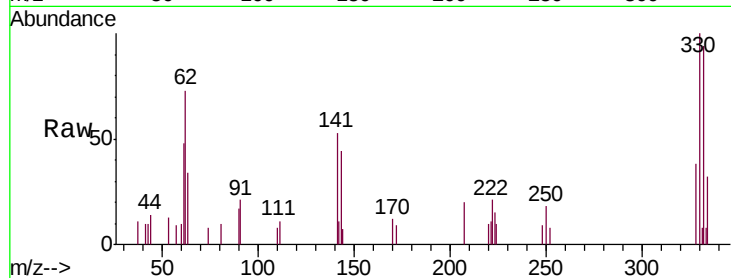
Tot Ion:330 Resp: 3517

Ion Ratio Lower Upper

330 100

332 102.9 77.2 115.8

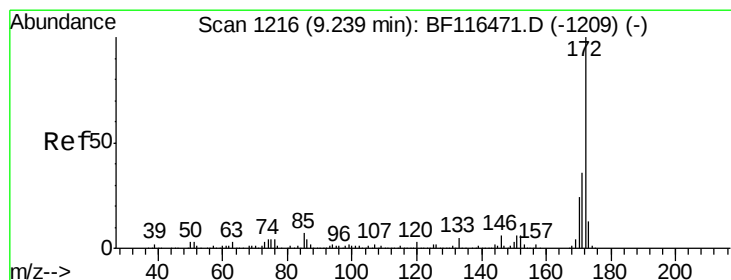
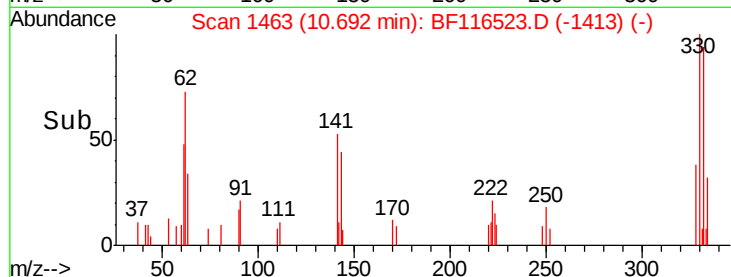
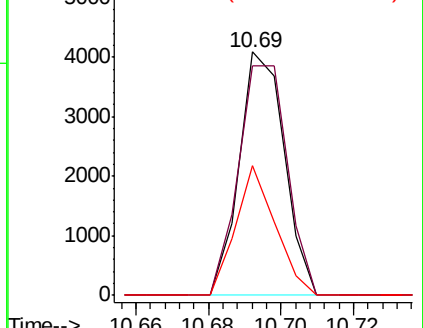
141 47.1 33.3 49.9



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: 3.686 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF116523.D

Acq: 24 Aug 2019 15:01

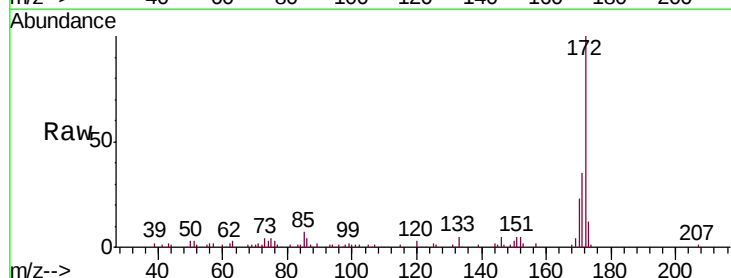
Tgt Ion:172 Resp: 60076

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

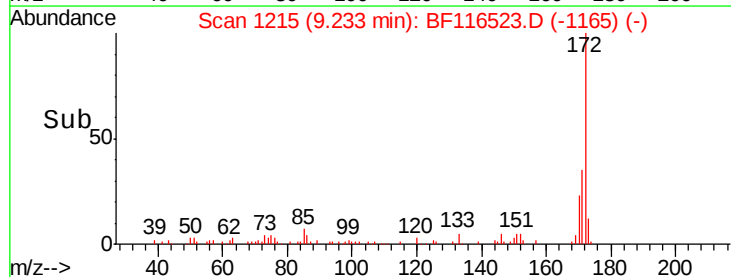
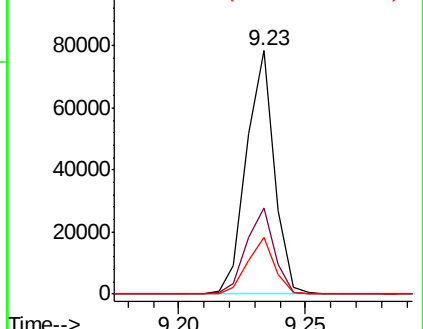
170 23.3 19.4 29.0

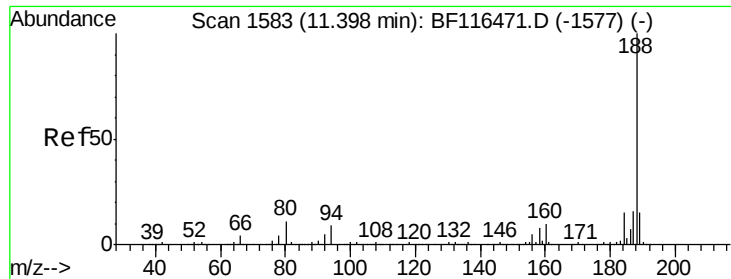


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

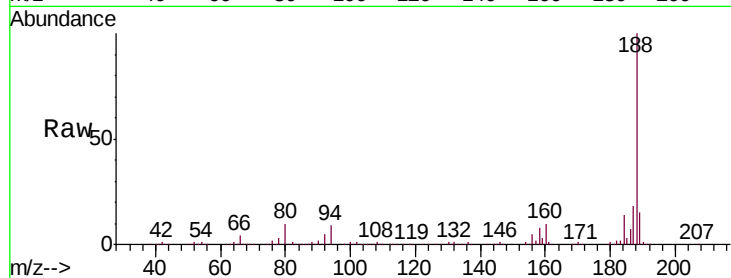




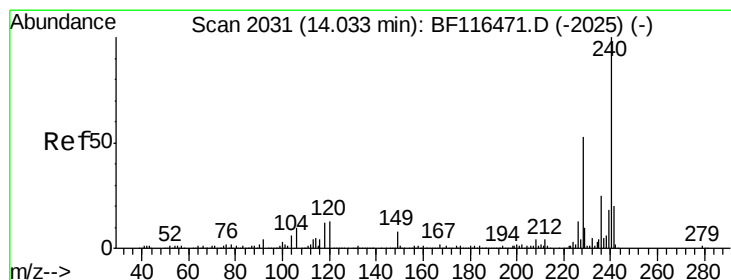
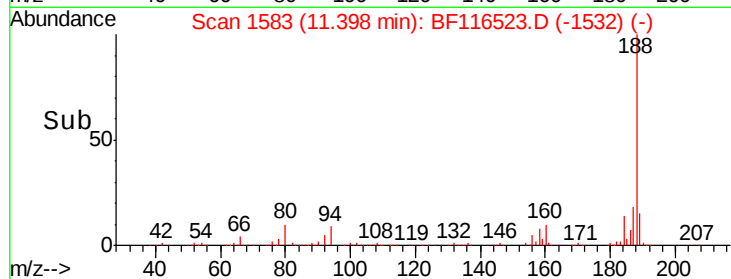
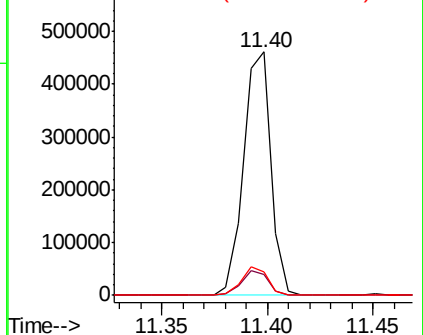
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116523.D
Acq: 24 Aug 2019 15:01

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

Tot Ion:188 Resp: 413745
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.7 8.6 12.8

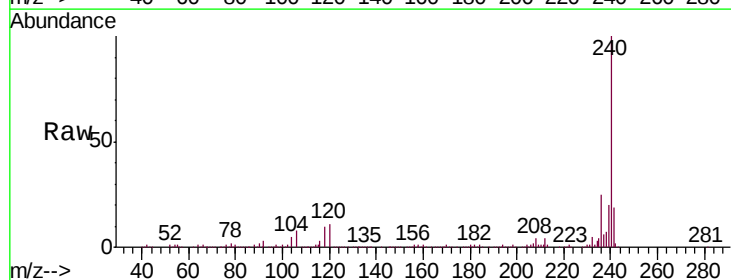


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

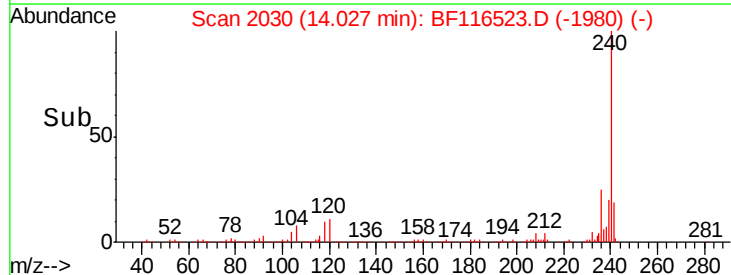
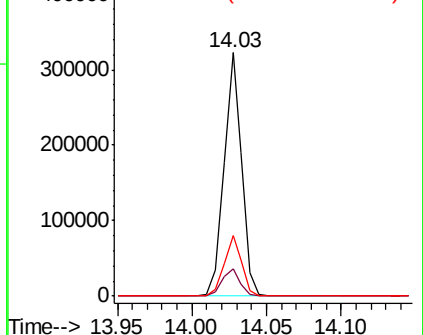


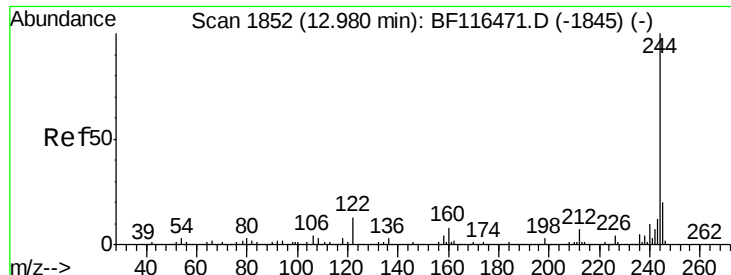
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116523.D
Acq: 24 Aug 2019 15:01

Tgt Ion:240 Resp: 269709
Ion Ratio Lower Upper
240 100
120 11.2 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

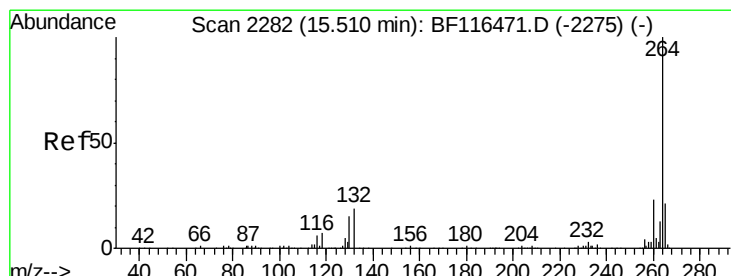
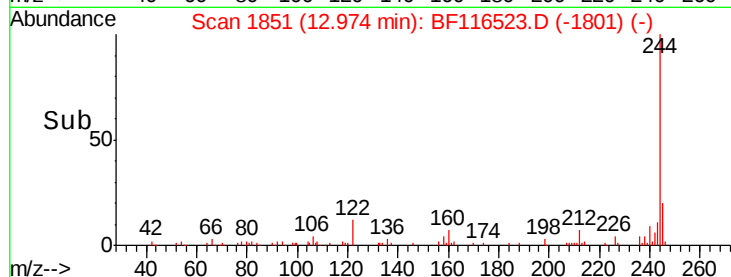
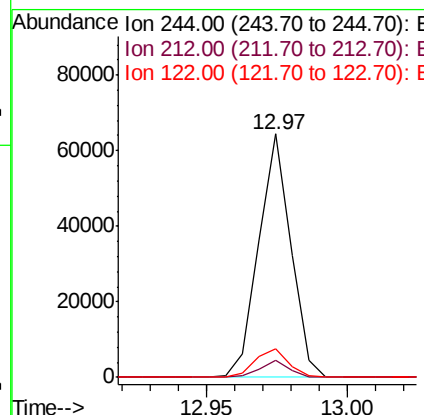
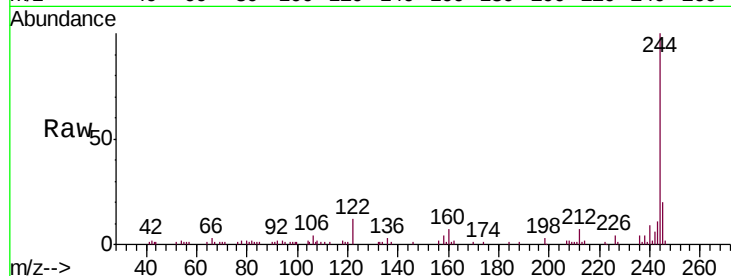




#79
 Terphenyl-d14
 Concen: 3.525 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF116523.D
 Acq: 24 Aug 2019 15:01

Instrument :
 BNA_F
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Tot Ion:244 Resp: 50894
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 11.7 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: BF116523.D
 Acq: 24 Aug 2019 15:01

Tgt Ion:264 Resp: 266619
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.8 28.2
 265 21.6 17.1 25.7

