

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
 Data File : BN003525.D
 Acq On : 13 Nov 2018 23:03
 Operator : MJ/SJ
 Sample : J5908-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SR-5-S

Quant Time: Nov 14 02:47:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 15:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	86406	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	359712	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	209345	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	452320	20.00	ng	0.00
76) Chrysene-d12	21.40	240	364659	20.00	ng	0.00
87) Perylene-d12	23.72	264	369457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	558635	116.61	ng	0.00
7) Phenol-d6	7.00	99	671885	101.12	ng	0.00
23) Nitrobenzene-d5	9.02	82	477732	83.60	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	388677	124.54	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1305069	83.21	ng	0.00
79) Terphenyl-d14	19.84	244	1727213	93.25	ng	0.00

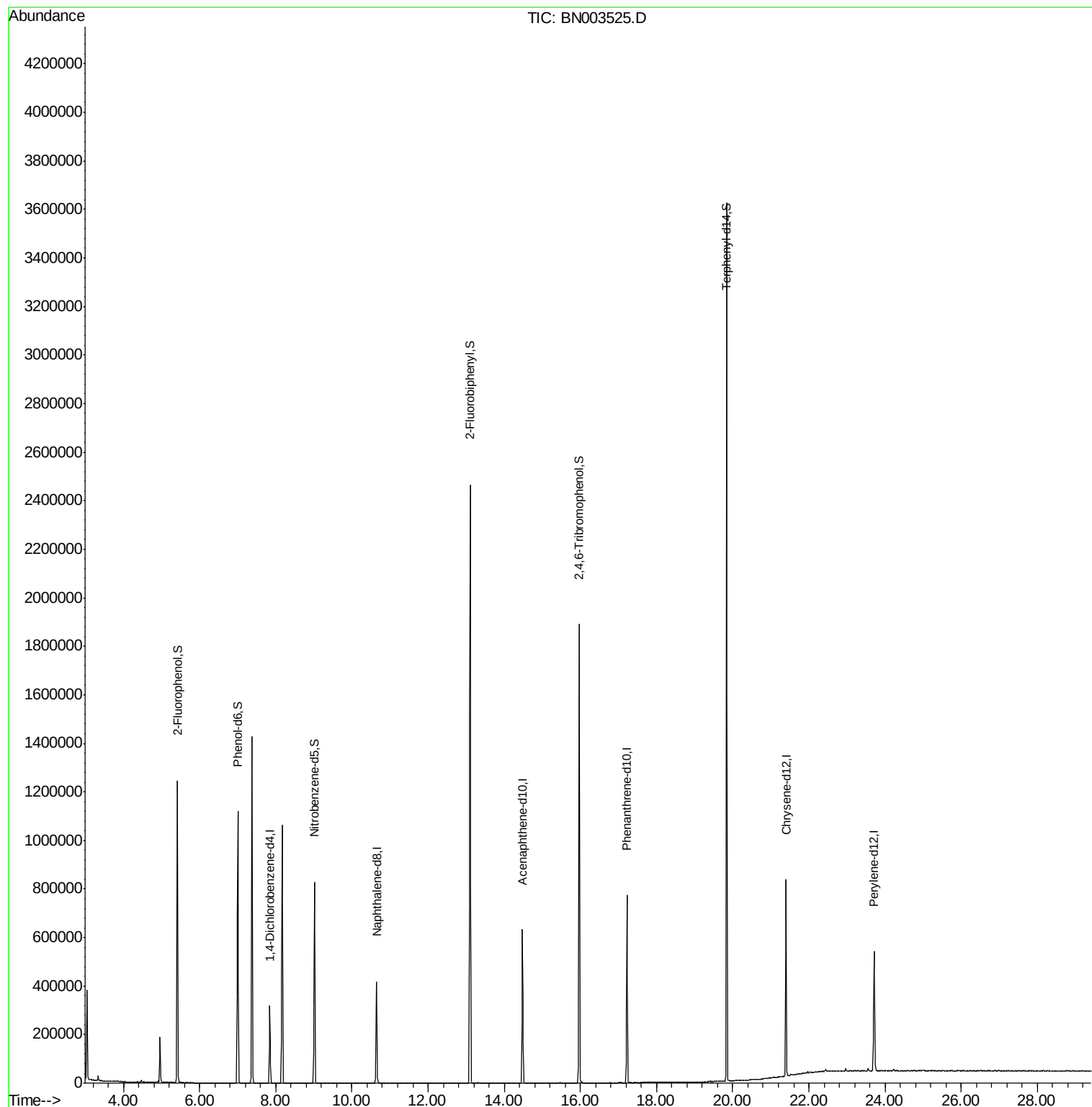
Target Compounds Qvalue

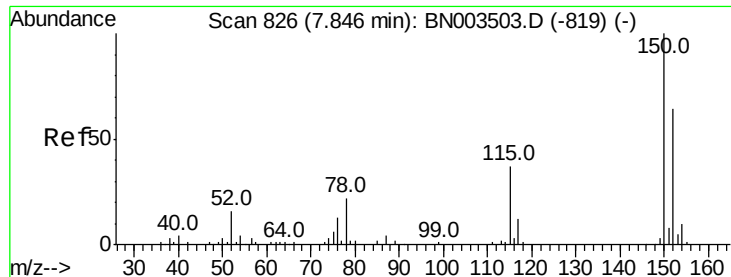
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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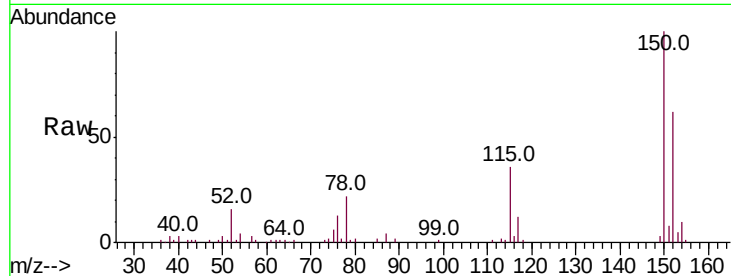


#1

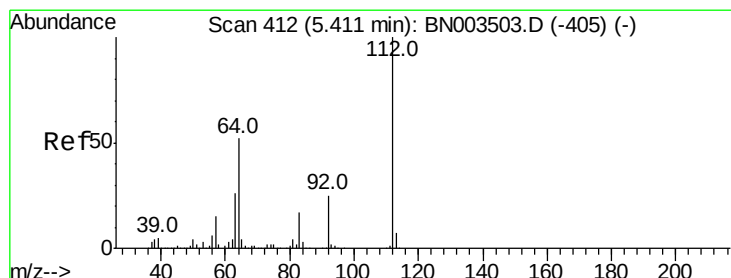
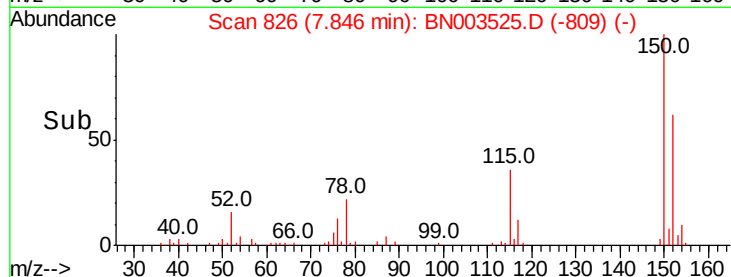
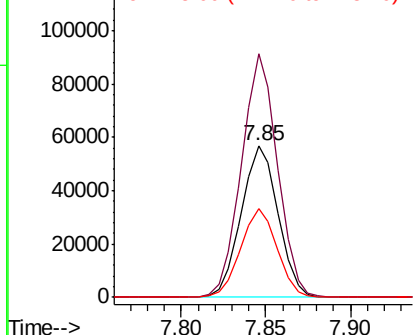
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.00 min
Lab File: BN003525.D
Acq: 13 Nov 2018 23:03

Instrument :
BNA_N
ClientSampleId :
SR-5-S

Tot Ion:152 Resp: 86406
Ion Ratio Lower Upper
152 100
150 160.4 125.4 188.0
115 58.5 45.9 68.9



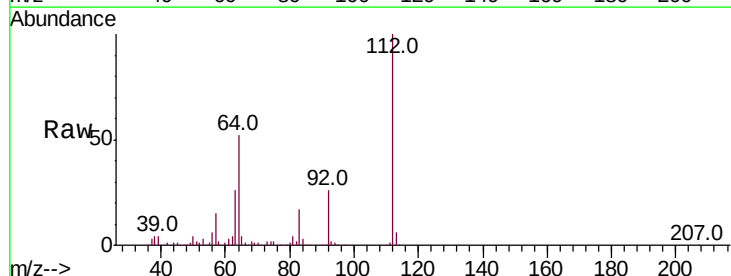
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



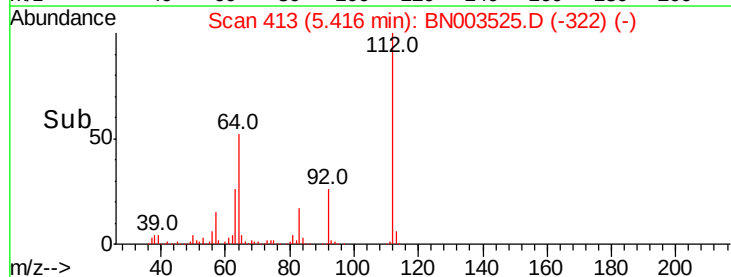
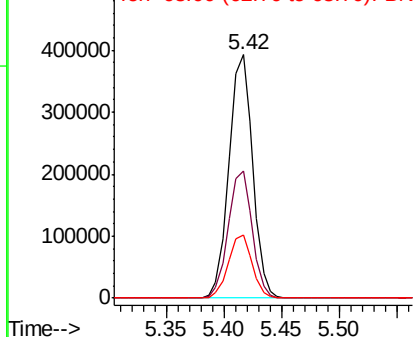
#5

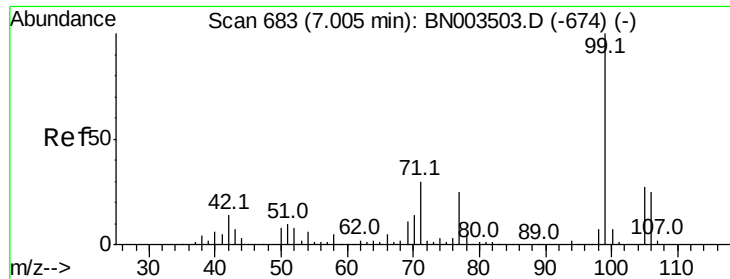
2-Fluorophenol
Concen: 116.605 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003525.D
Acq: 13 Nov 2018 23:03

Tgt Ion:112 Resp: 558635
Ion Ratio Lower Upper
112 100
64 52.5 41.4 62.2
63 25.8 20.5 30.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#7

Phenol-d6

Concen: 101.123 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Instrument :

BNA_N

ClientSampled :

SR-5-S

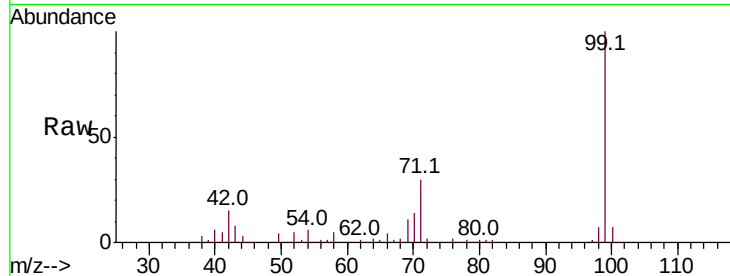
Tot Ion: 99 Resp: 671885

Ion Ratio Lower Upper

99 100

42 14.7 11.6 17.4

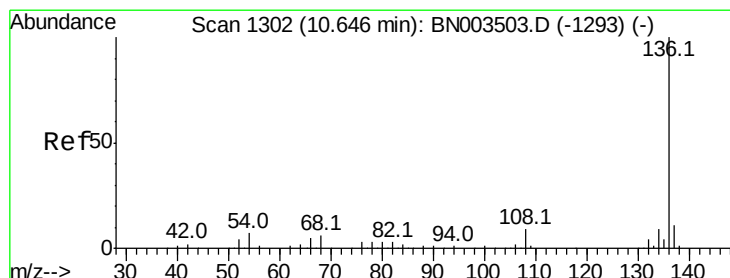
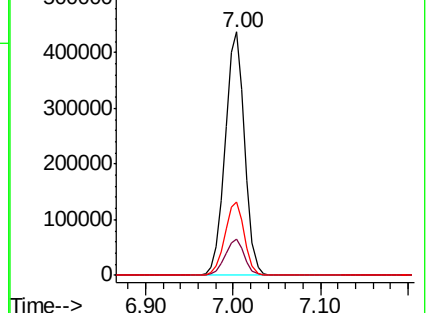
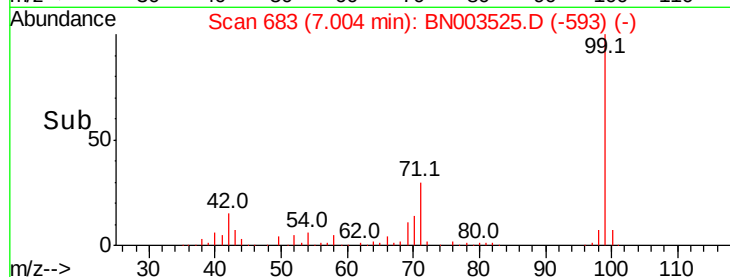
71 30.1 24.2 36.2



Abundance Ion 99.00 (98.70 to 99.70): BN003503.D (-674) (-)

Ion 42.00 (41.70 to 42.70): BN003503.D (-674) (-)

Ion 71.00 (70.70 to 71.70): BN003503.D (-674) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Tgt Ion: 136 Resp: 359712

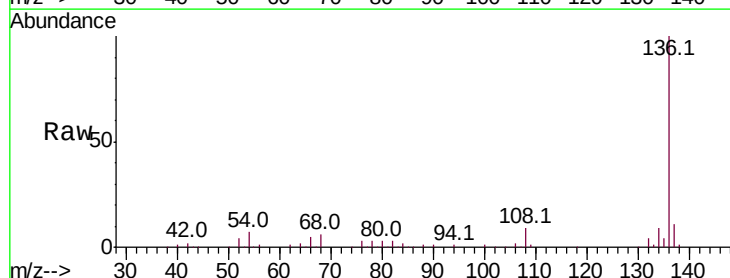
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.2 5.7 8.5

68 5.9 4.7 7.1

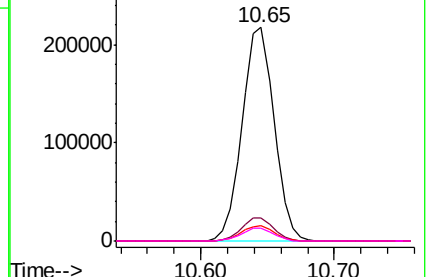
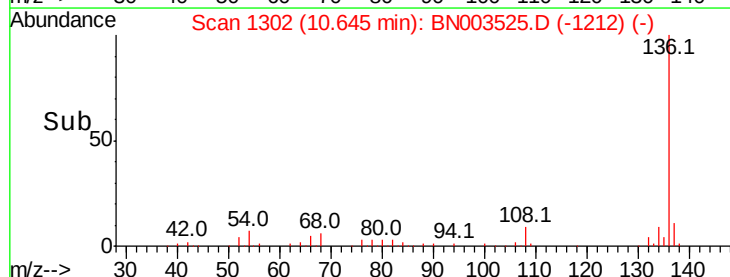


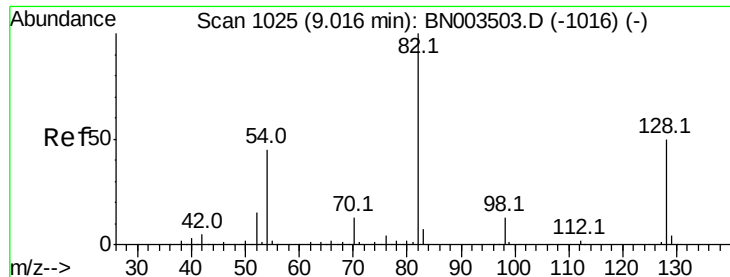
Abundance Ion 136.00 (135.70 to 136.70): BN003503.D (-1293) (-)

Ion 137.00 (136.70 to 137.70): BN003503.D (-1293) (-)

Ion 54.00 (53.70 to 54.70): BN003503.D (-1293) (-)

Ion 68.00 (67.70 to 68.70): BN003503.D (-1293) (-)

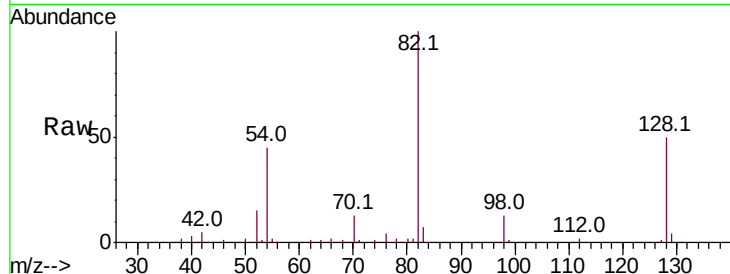




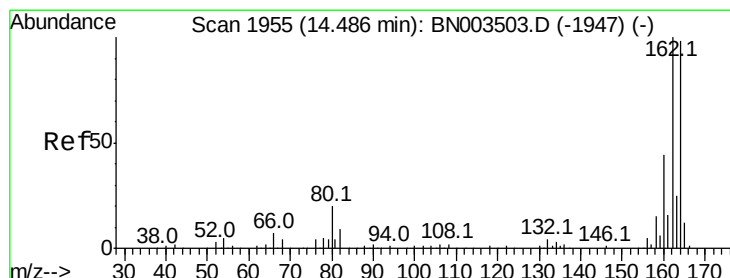
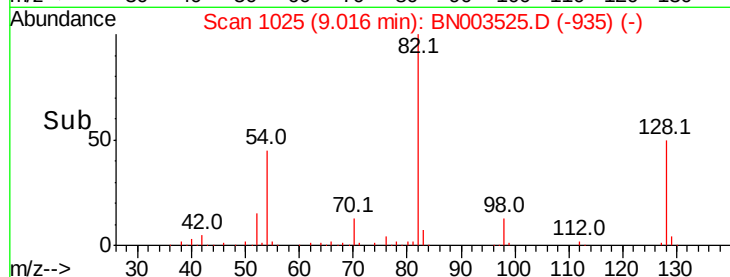
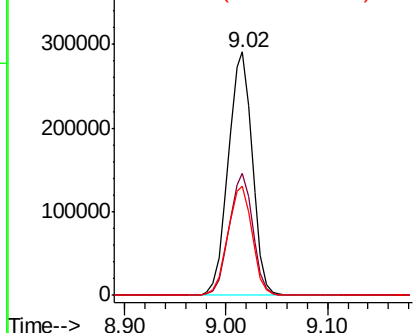
#23
Nitrobenzene-d5
Concen: 83.599 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BN003525.D
Acq: 13 Nov 2018 23:03

Instrument :
BNA_N
ClientSampleId :
SR-5-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.0	60.0
54	44.6	36.1	54.1

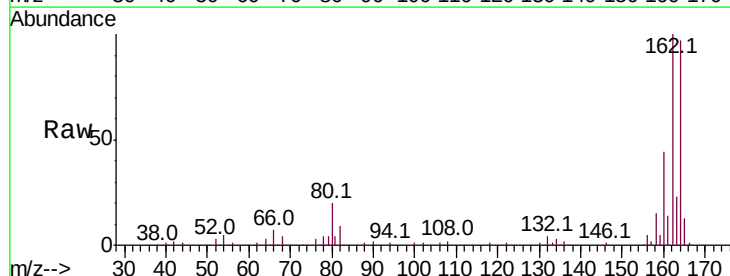


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BN0

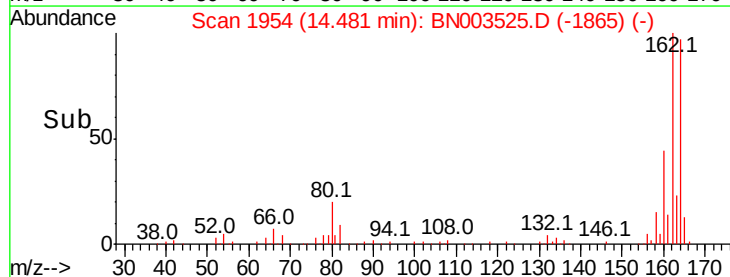
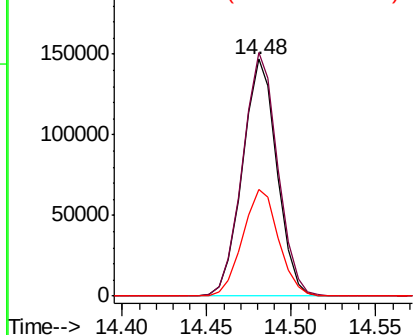


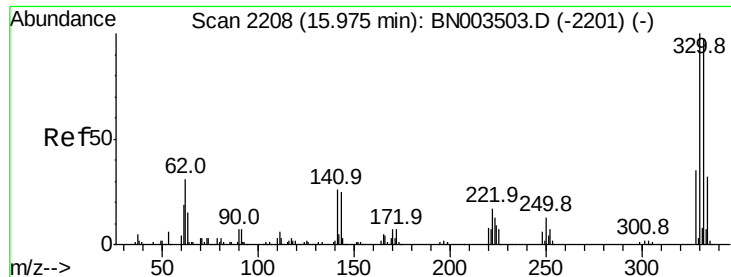
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003525.D
Acq: 13 Nov 2018 23:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.6
160	44.9	36.2	54.2



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

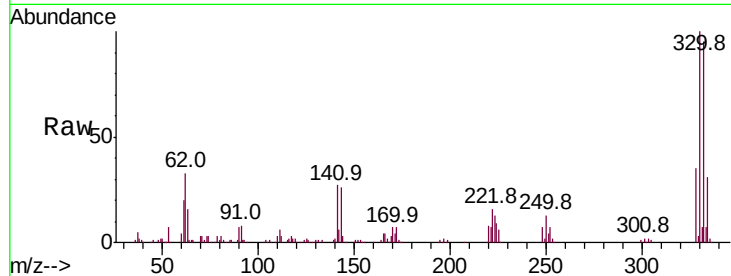




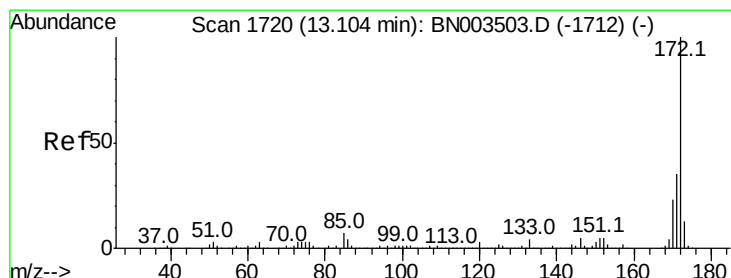
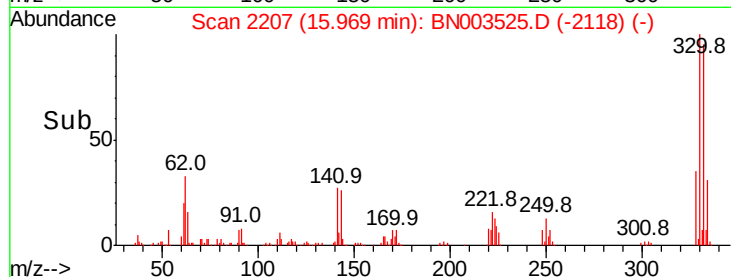
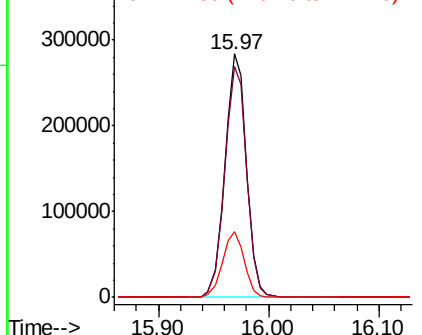
#42
 2,4,6-Tribromophenol
 Concen: 124.544 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003525.D
 Acq: 13 Nov 2018 23:03

Instrument :
 BNA_N
 ClientSampleId :
 SR-5-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	27.0	21.6	32.4

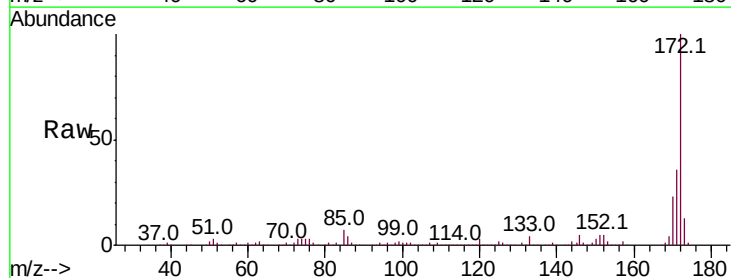


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

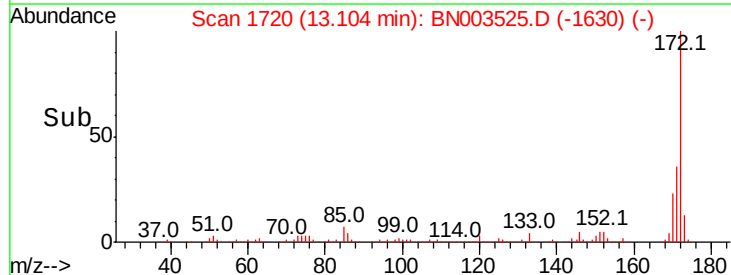
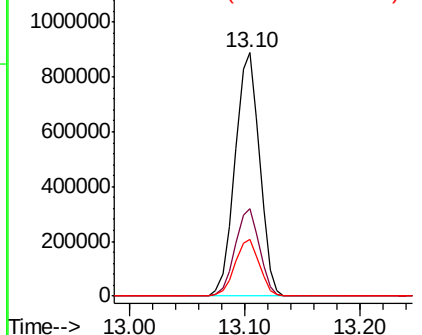


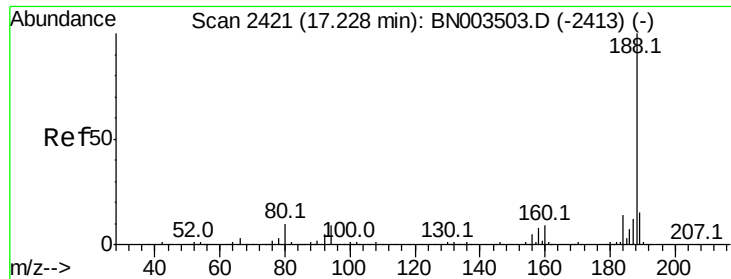
#45
 2-Fluorobiphenyl
 Concen: 83.209 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN003525.D
 Acq: 13 Nov 2018 23:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.3	42.5
170	23.3	18.7	28.1



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: 17.22 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Instrument :

BNA_N

ClientSampleId :

SR-5-S

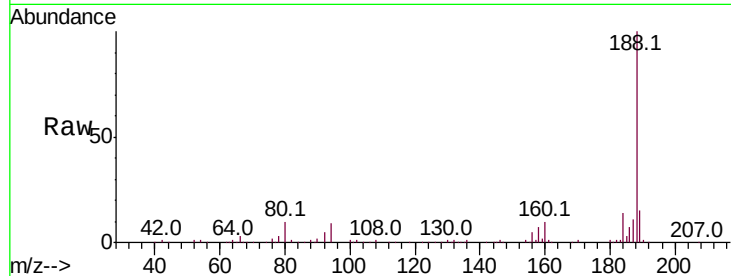
Tot Ion:188 Resp: 452320

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

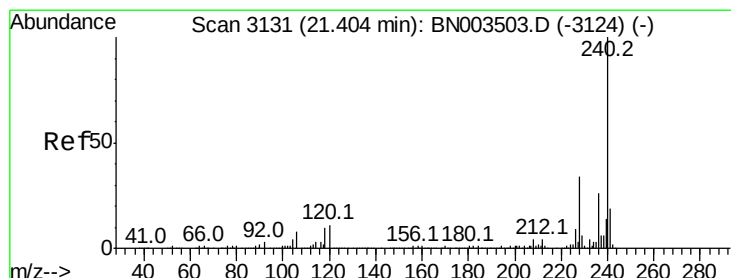
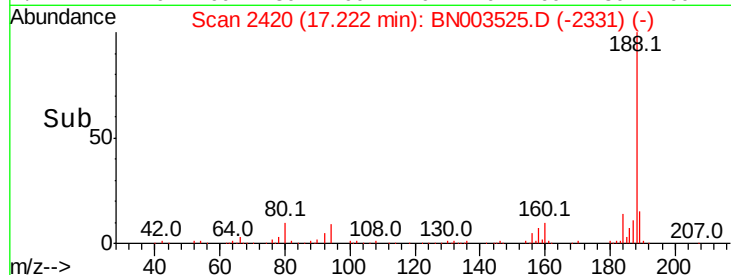
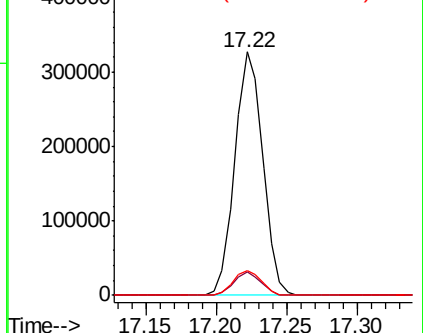
80 10.2 8.2 12.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

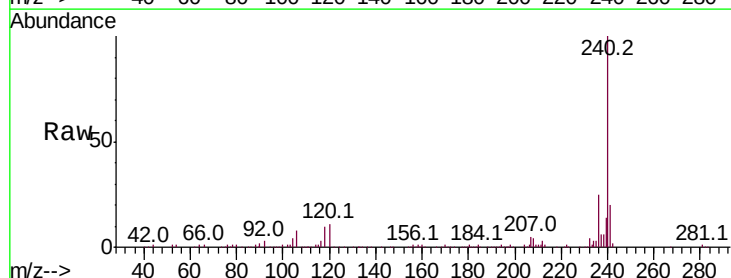
Tgt Ion:240 Resp: 364659

Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

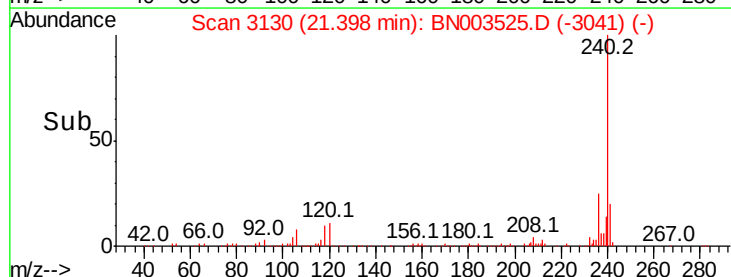
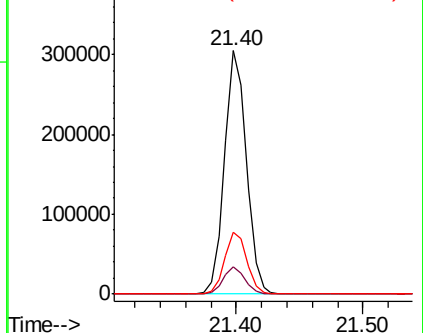
236 25.4 20.6 30.8

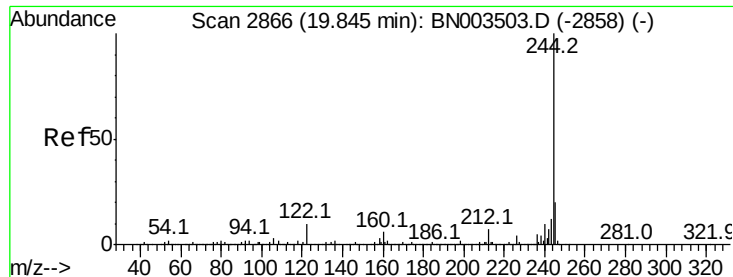


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.249 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Instrument :

BNA_N

ClientSampleId :

SR-5-S

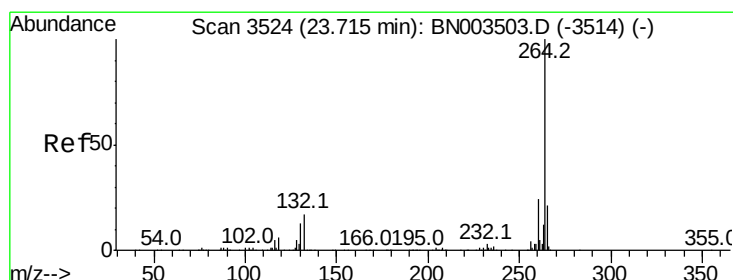
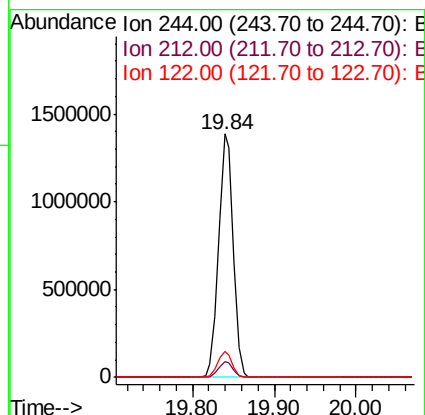
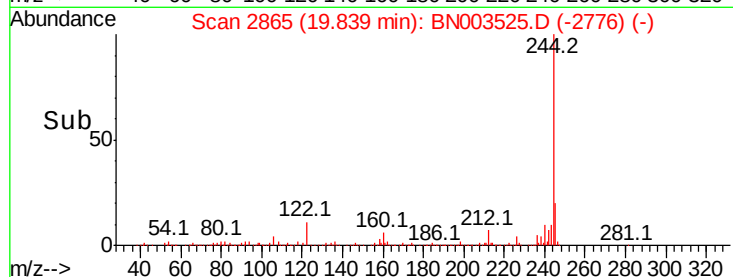
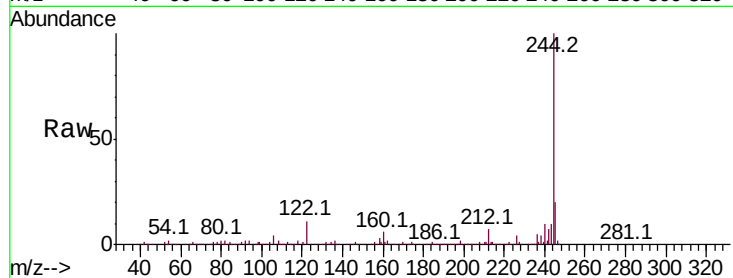
Tot Ion:244 Resp: 1727213

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.9 8.2 12.2



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3524

Delta R.T. -0.00 min

Lab File: BN003525.D

Acq: 13 Nov 2018 23:03

Tgt Ion:264 Resp: 369457

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 21.5 17.2 25.8

