

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
 Data File : BN003526.D
 Acq On : 13 Nov 2018 23:38
 Operator : MJ/SJ
 Sample : J5908-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SR-8

Quant Time: Nov 14 02:51:25 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	111531	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	470211	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	275516	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	612752	20.00	ng	0.00
76) Chrysene-d12	21.40	240	494074	20.00	ng	0.00
87) Perylene-d12	23.72	264	490991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	670939	108.50	ng	0.00
7) Phenol-d6	7.00	99	785918	91.64	ng	0.00
23) Nitrobenzene-d5	9.02	82	598193	80.08	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	503913	122.69	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1624720	78.71	ng	0.00
79) Terphenyl-d14	19.85	244	2265862	90.29	ng	0.00

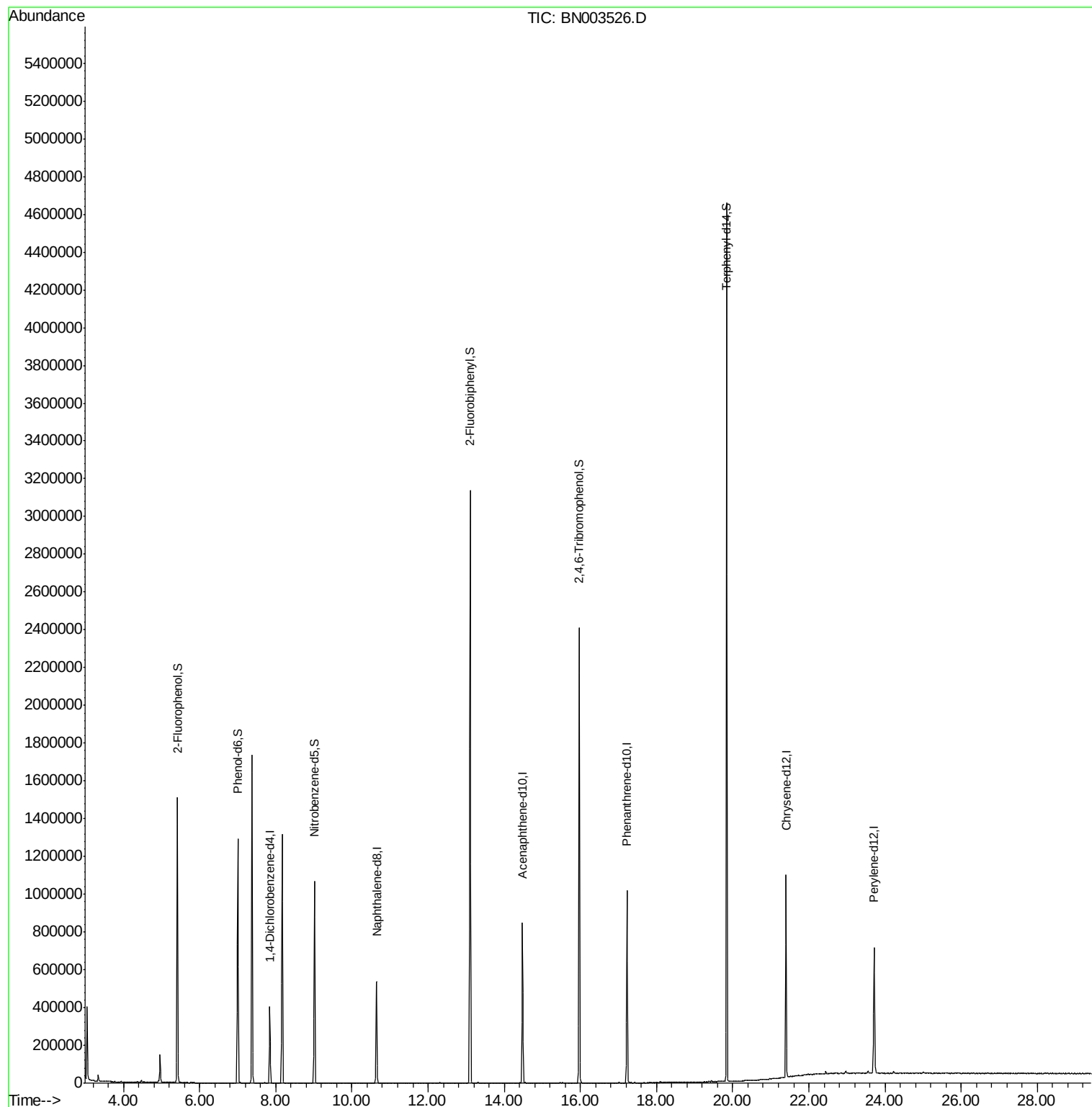
Target Compounds Qvalue

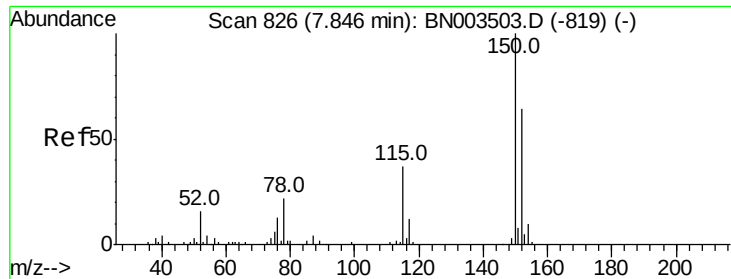
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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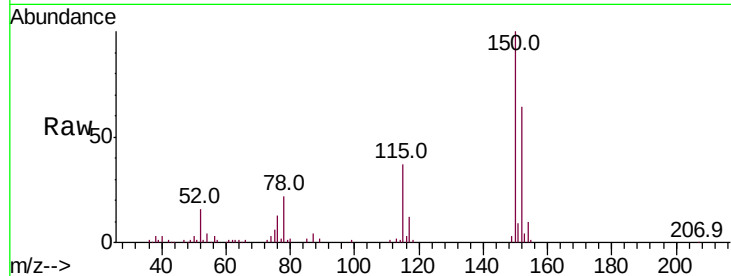


#1

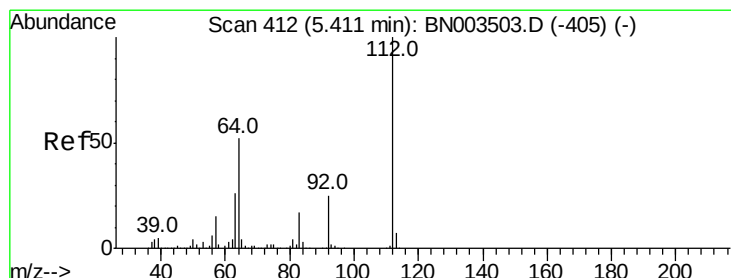
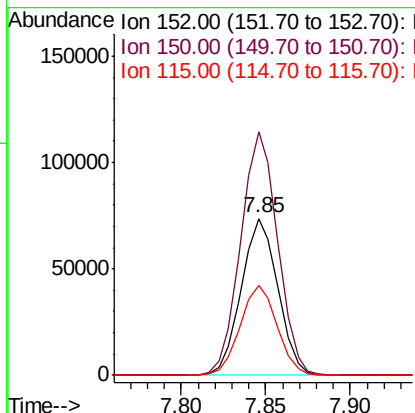
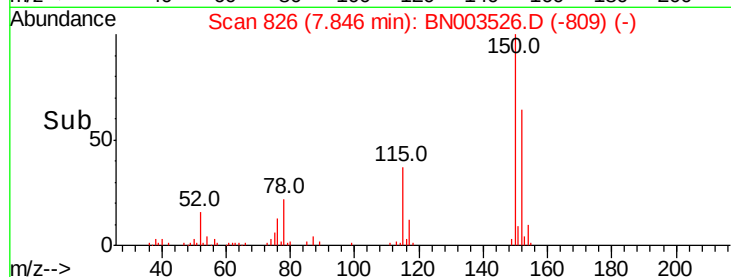
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. 0.00 min
Lab File: BN003526.D
Acq: 13 Nov 2018 23:38

Instrument :
BNA_N
ClientSampleId :
SR-8

Tot Ion:152 Resp: 111531
Ion Ratio Lower Upper
152 100
150 155.2 125.4 188.0
115 57.2 45.9 68.9



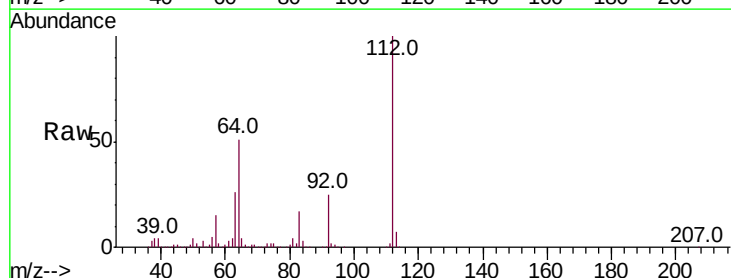
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



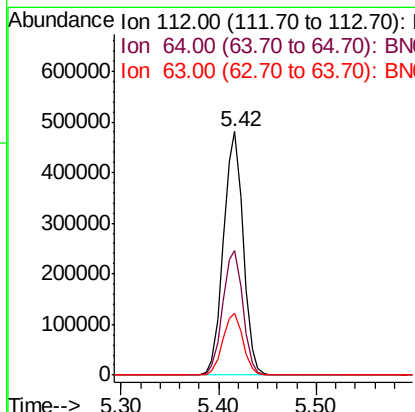
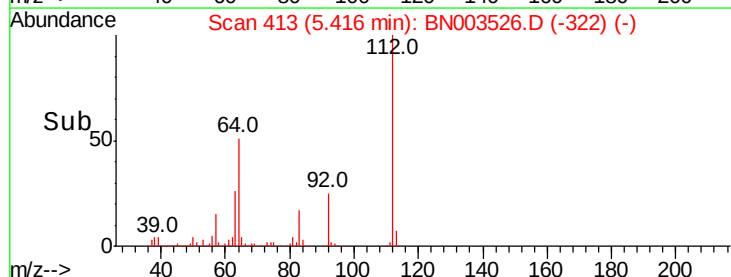
#5

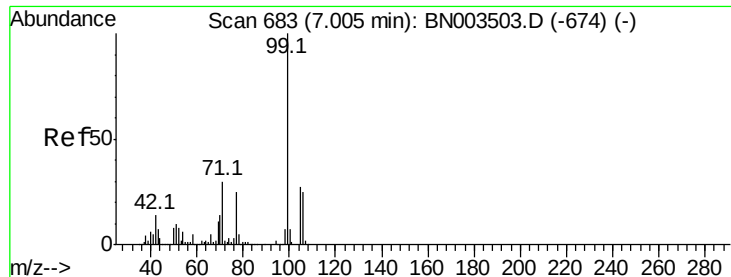
2-Fluorophenol
Concen: 108.498 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003526.D
Acq: 13 Nov 2018 23:38

Tgt Ion:112 Resp: 670939
Ion Ratio Lower Upper
112 100
64 51.2 41.4 62.2
63 25.5 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: 91.639 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

Lab File: BN003526.D

Acq: 13 Nov 2018 23:38

Instrument :

BNA_N

ClientSampleId :

SR-8

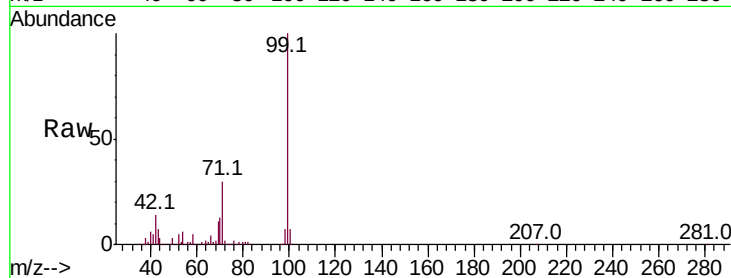
Tot Ion: 99 Resp: 785918

Ion Ratio Lower Upper

99 100

42 14.4 11.6 17.4

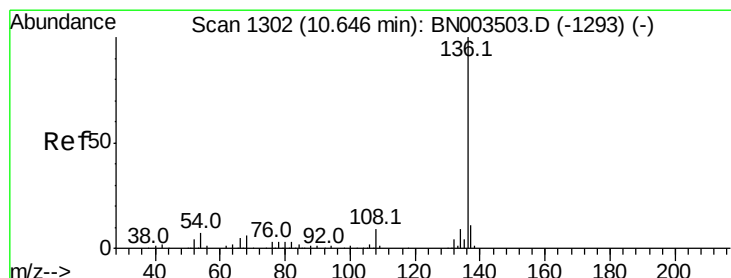
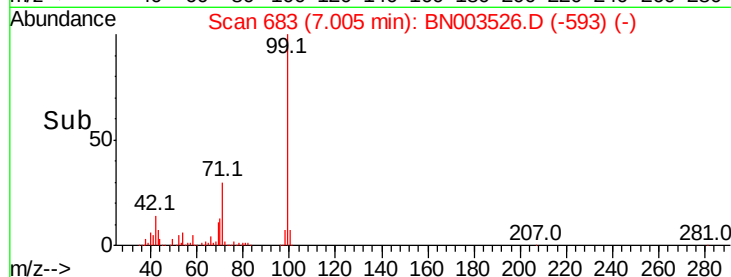
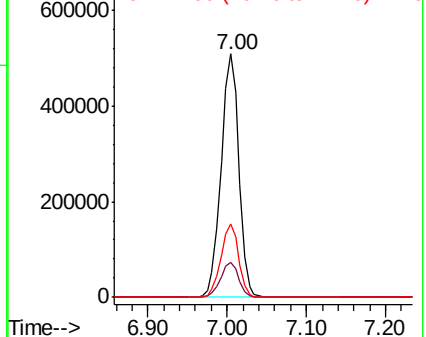
71 30.0 24.2 36.2



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: BN003526.D

Acq: 13 Nov 2018 23:38

Tgt Ion: 136 Resp: 470211

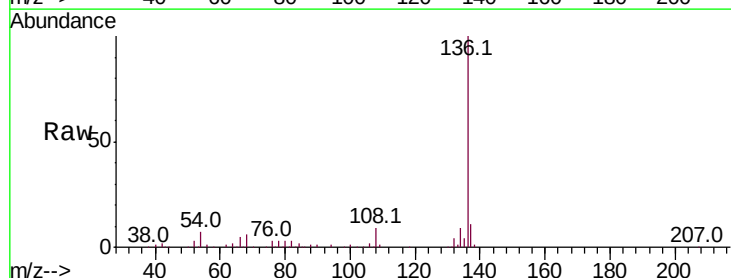
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.7 5.7 8.5

68 5.8 4.7 7.1

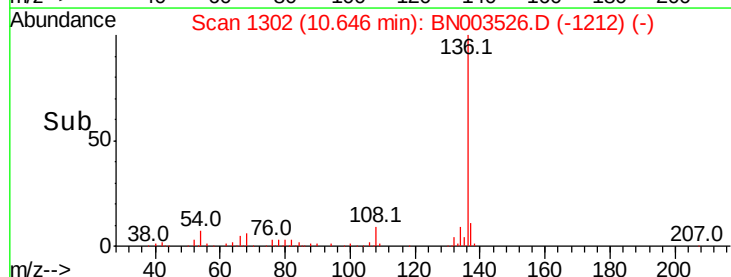
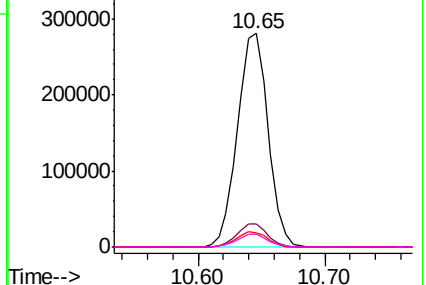


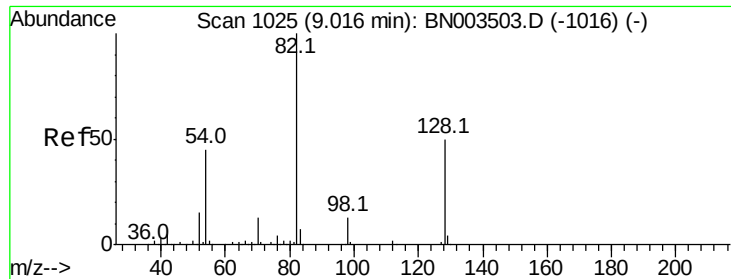
Abundance Ion 136.00 (135.70 to 136.70): BN003503.D (-1293) (-)

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) (-)

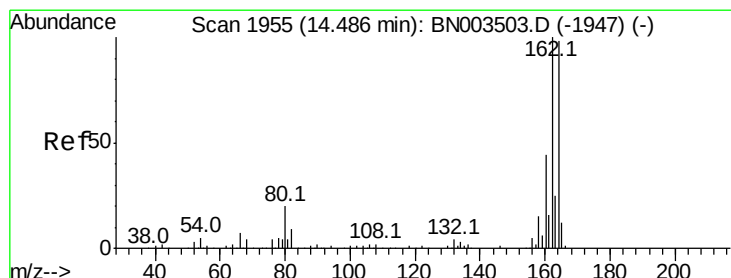
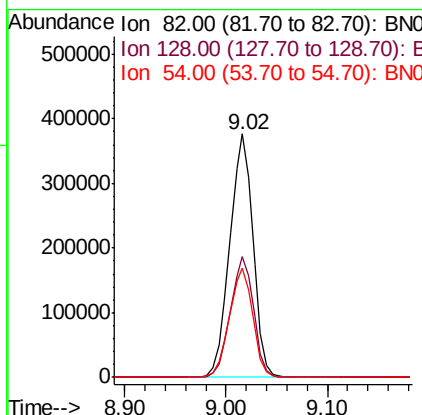
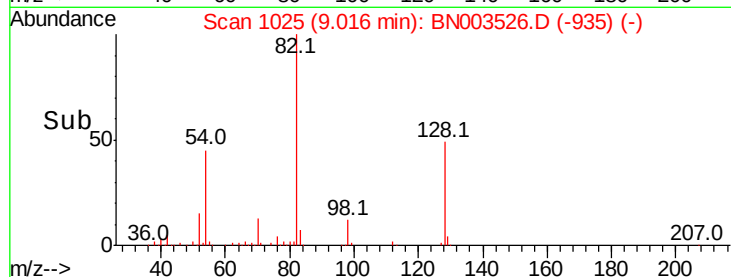
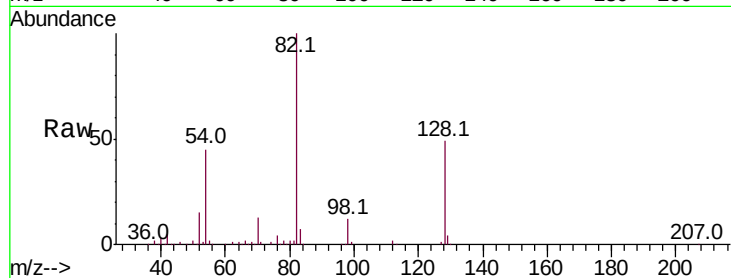




#23
Nitrobenzene-d5
Concen: 80.080 ng
RT: 9.02 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BN003526.D
Acq: 13 Nov 2018 23:38

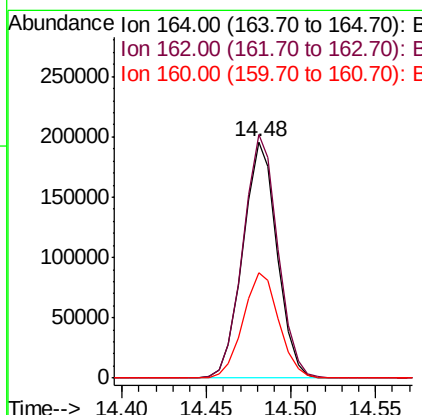
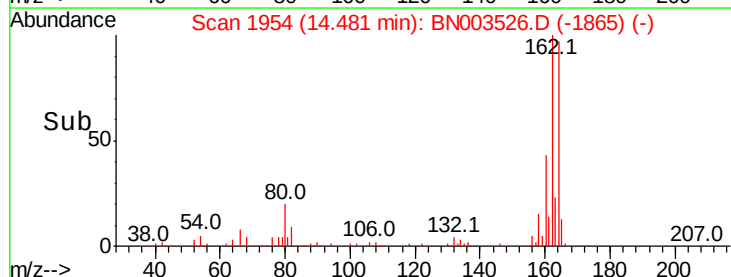
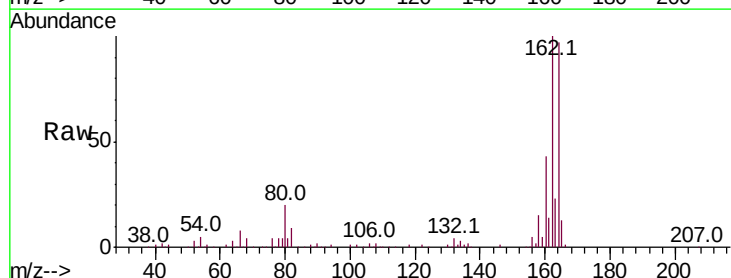
Instrument :
BNA_N
ClientSampled :
SR-8

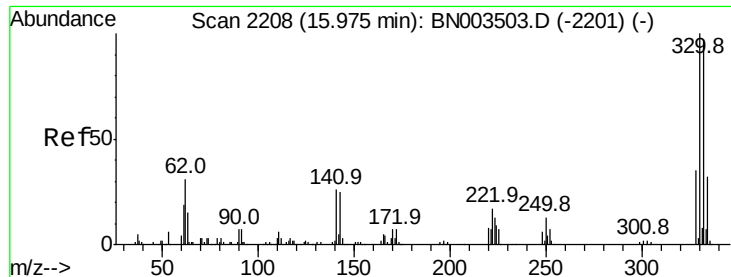
Tot Ion: 82 Resp: 598193
Ion Ratio Lower Upper
82 100
128 49.5 40.0 60.0
54 44.7 36.1 54.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN003526.D
Acq: 13 Nov 2018 23:38

Tgt Ion: 164 Resp: 275516
Ion Ratio Lower Upper
164 100
162 103.1 81.8 122.6
160 44.6 36.2 54.2

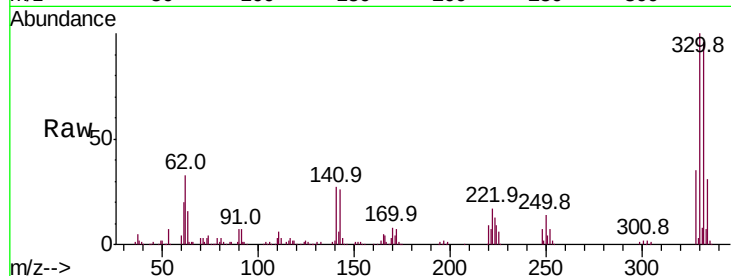




#42
 2,4,6-Tribromophenol
 Concen: 122.689 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003526.D
 Acq: 13 Nov 2018 23:38

Instrument :
 BNA_N
 ClientSampleId :
 SR-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	26.6	21.6	32.4

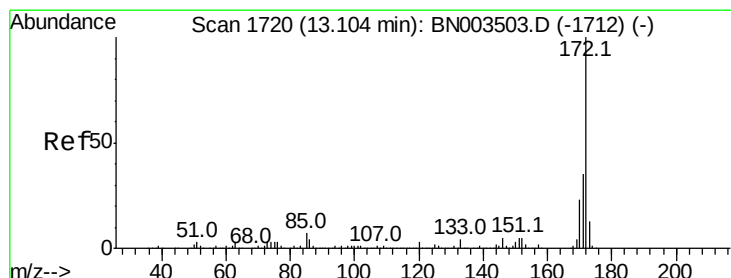
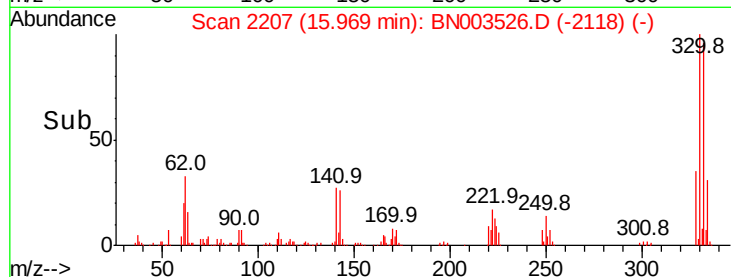
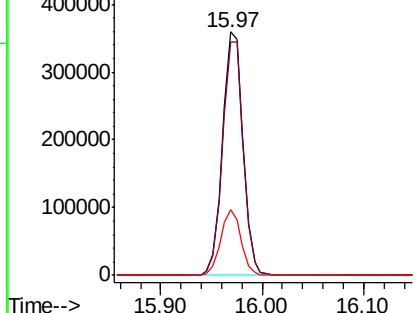


Abundance

Ion 329.80 (329.50 to 330.50): E

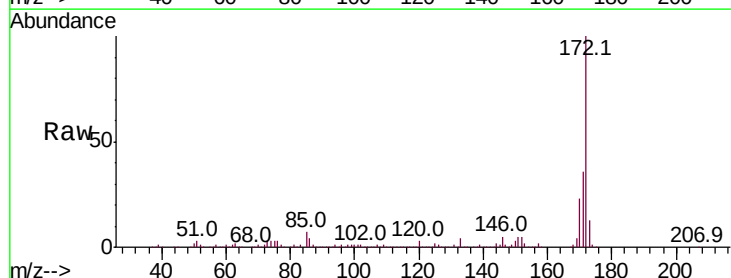
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.710 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BN003526.D
 Acq: 13 Nov 2018 23:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.3	42.5
170	23.4	18.7	28.1

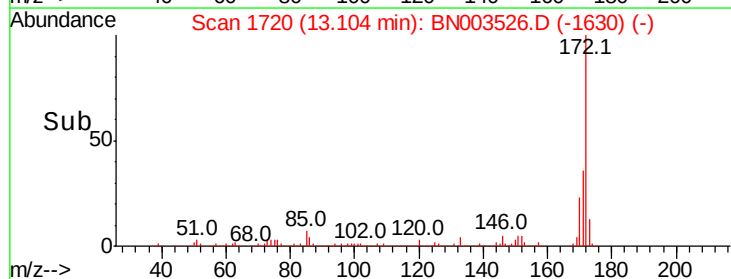
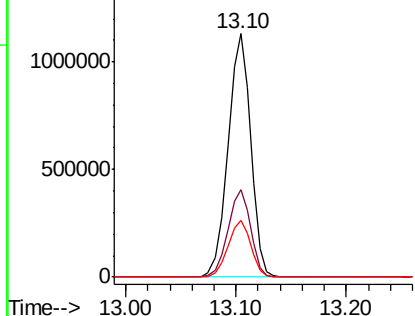


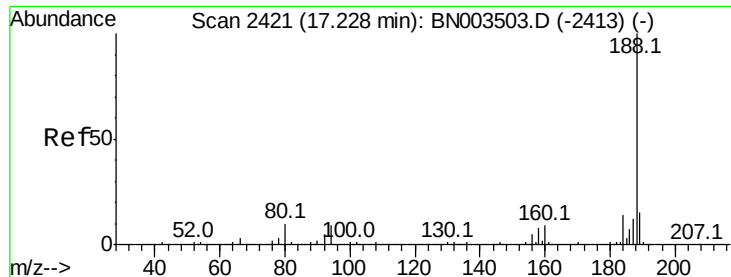
Abundance

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: BN003526.D

Acq: 13 Nov 2018 23:38

Instrument :

BNA_N

ClientSampleId :

SR-8

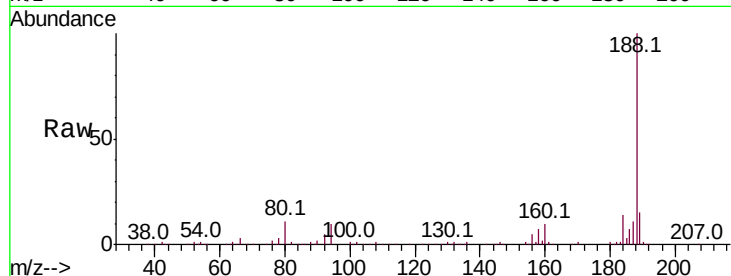
Tot Ion:188 Resp: 612752

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

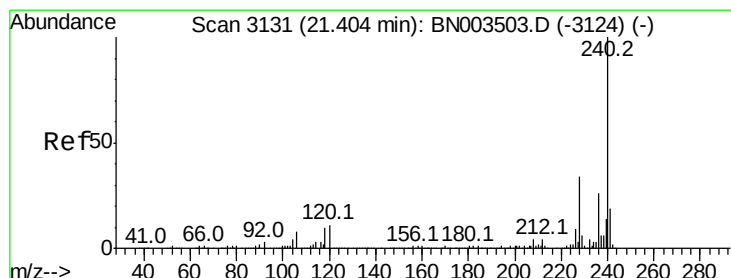
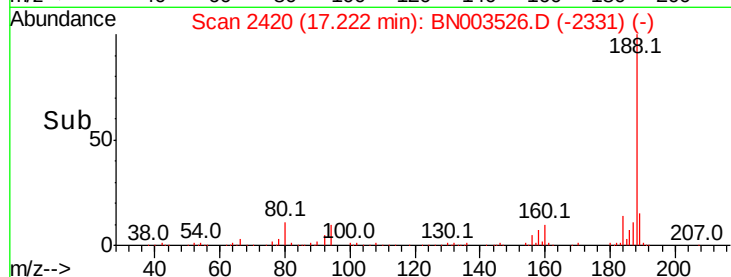
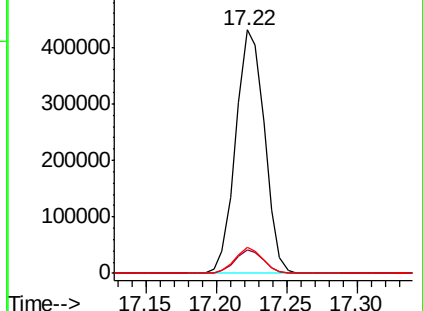
80 10.5 8.2 12.2



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: BN003526.D

Acq: 13 Nov 2018 23:38

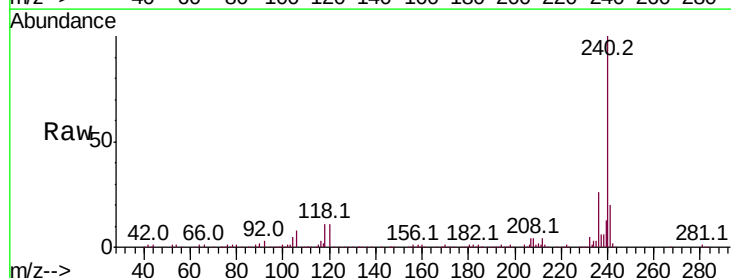
Tgt Ion:240 Resp: 494074

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

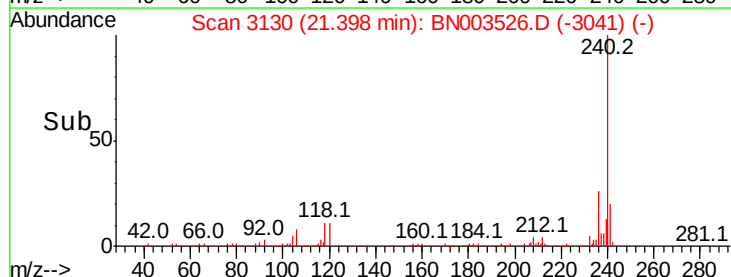
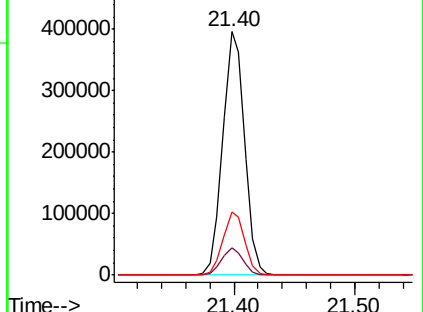
236 25.9 20.6 30.8

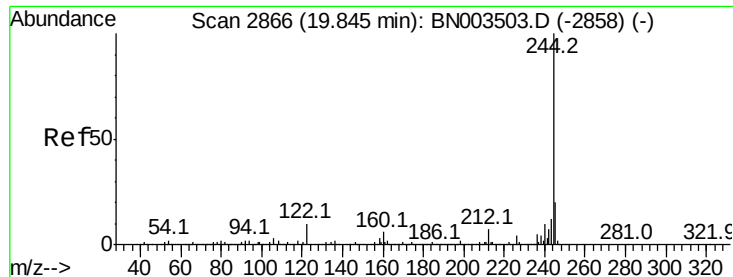


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.288 ng

RT: 19.85 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BN003526.D

Acq: 13 Nov 2018 23:38

Instrument :

BNA_N

ClientSampleId :

SR-8

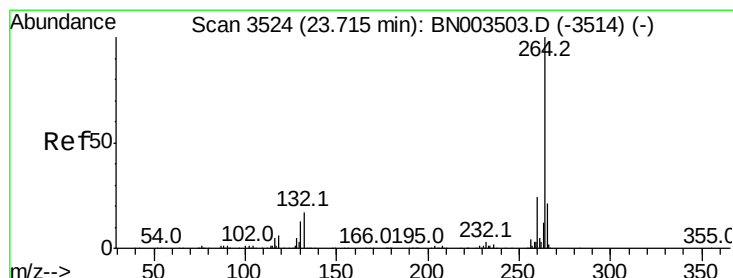
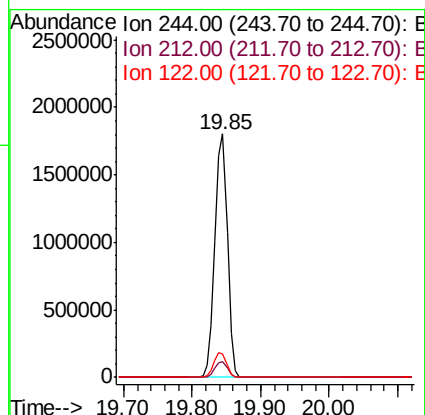
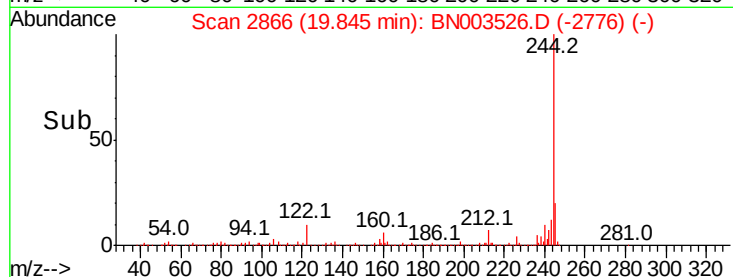
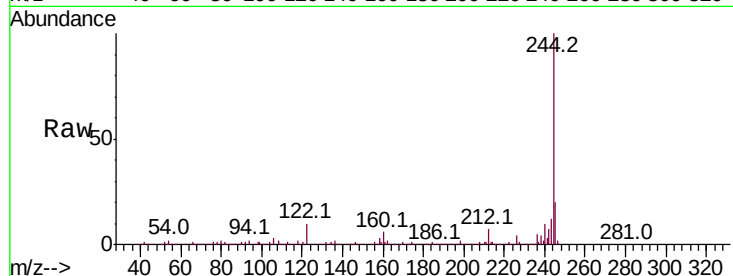
Tot Ion:244 Resp: 2265862

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 9.8 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: BN003526.D

Acq: 13 Nov 2018 23:38

Tgt Ion:264 Resp: 490991

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 20.7 17.2 25.8

