

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
 Data File : BN003524.D
 Acq On : 13 Nov 2018 22:27
 Operator : MJ/SJ
 Sample : J5908-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SR-4-S

Quant Time: Nov 14 02:47:25 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	94097	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	396337	20.00	ng	0.00
39) Acenaphthene-d10	14.48	164	237706	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	537185	20.00	ng	0.00
76) Chrysene-d12	21.40	240	441520	20.00	ng	0.00
87) Perylene-d12	23.72	264	430942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	587144	112.54	ng	0.00
7) Phenol-d6	7.00	99	709089	98.00	ng	0.00
23) Nitrobenzene-d5	9.02	82	510327	81.05	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	454420	128.24	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1404397	78.86	ng	0.00
79) Terphenyl-d14	19.84	244	2079722	92.73	ng	0.00

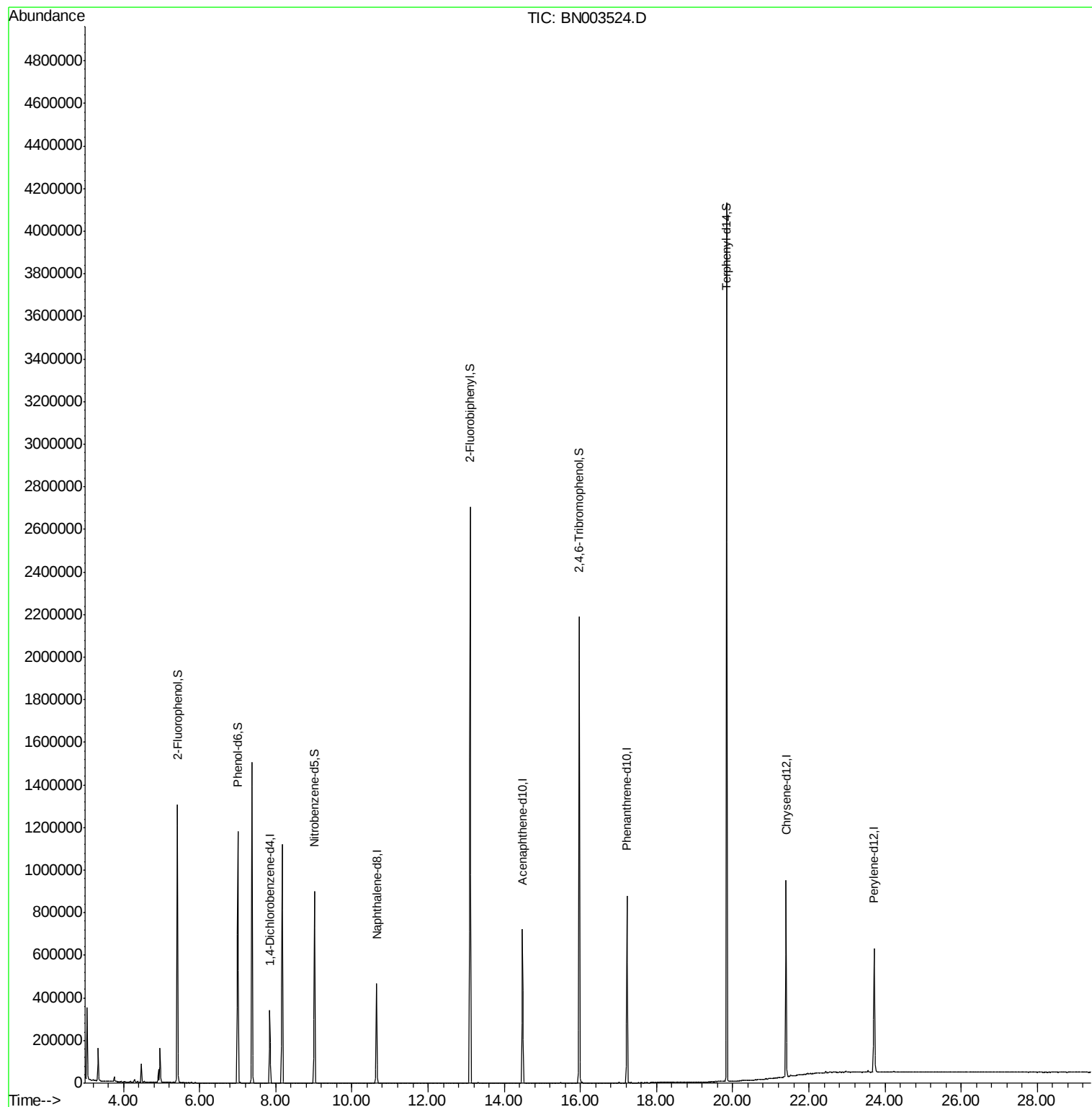
Target Compounds Qvalue

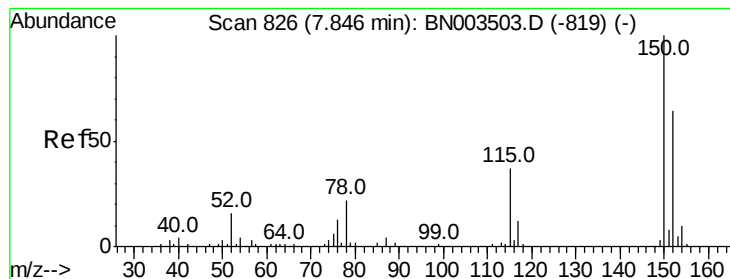
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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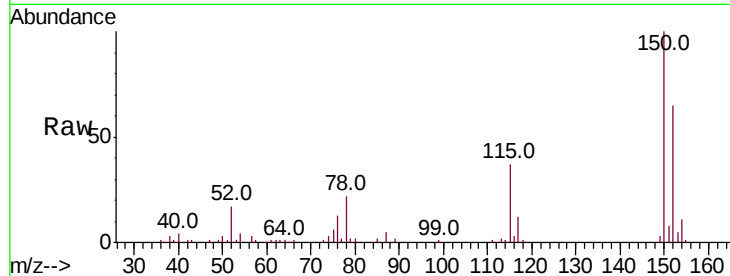


#1

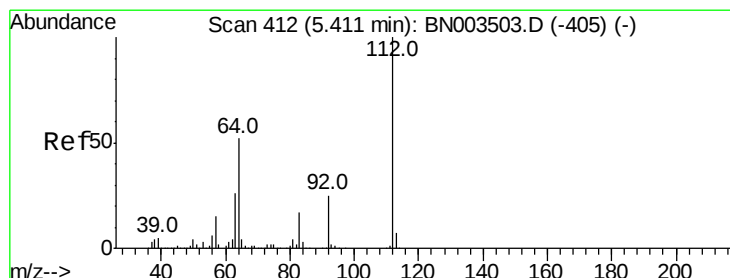
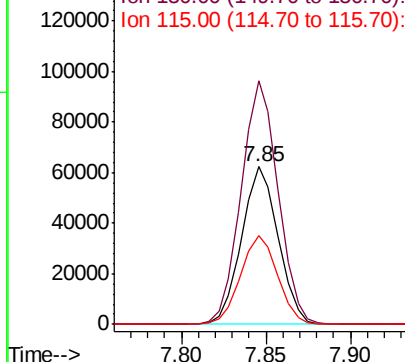
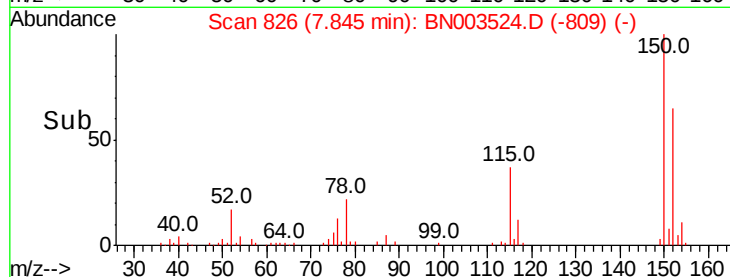
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BN003524.D
 Acq: 13 Nov 2018 22:27

Instrument :
 BNA_N
 ClientSampleId :
 SR-4-S

Tot Ion:152 Resp: 94097
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.4 188.0
 115 56.5 45.9 68.9



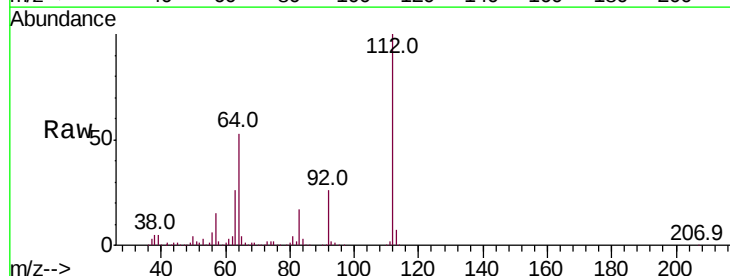
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



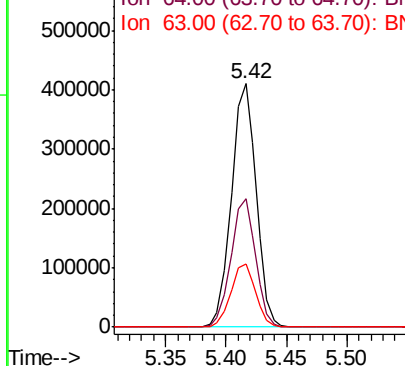
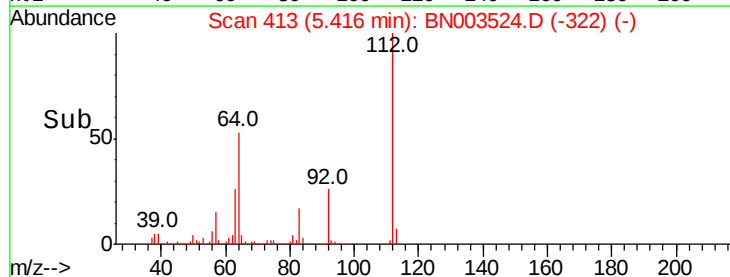
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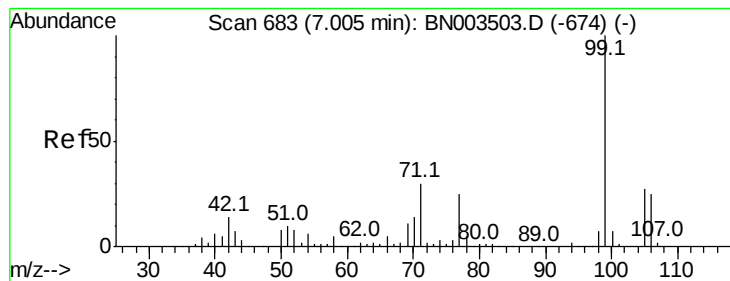
2-Fluorophenol
 Concen: 112.539 ng
 RT: 5.42 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BN003524.D
 Acq: 13 Nov 2018 22:27

Tgt Ion:112 Resp: 587144
 Ion Ratio Lower Upper
 112 100
 64 52.7 41.4 62.2
 63 25.7 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: 98.000 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.00 min

Lab File: BN003524.D

Acq: 13 Nov 2018 22:27

Instrument :

BNA_N

ClientSampleId :

SR-4-S

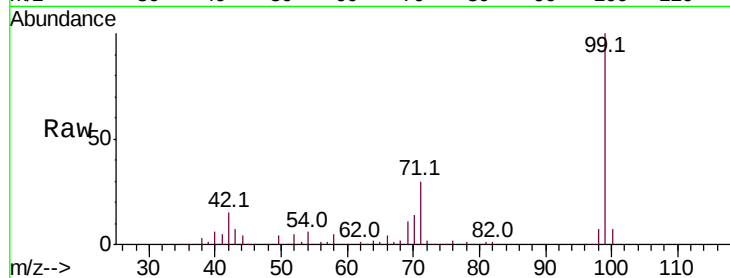
Tot Ion: 99 Resp: 709089

Ion Ratio Lower Upper

99 100

42 14.7 11.6 17.4

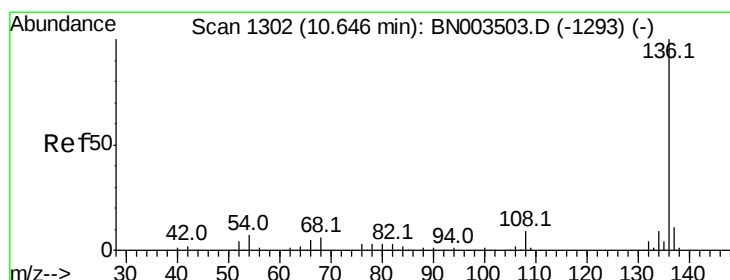
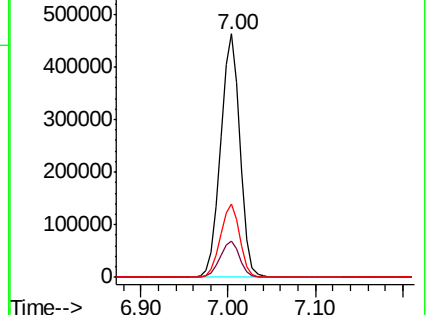
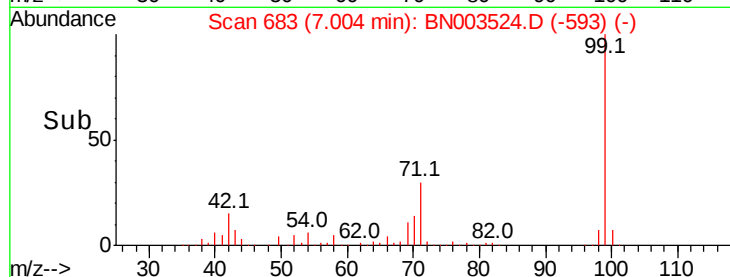
71 30.1 24.2 36.2



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: BN003524.D

Acq: 13 Nov 2018 22:27

Tgt Ion: 136 Resp: 396337

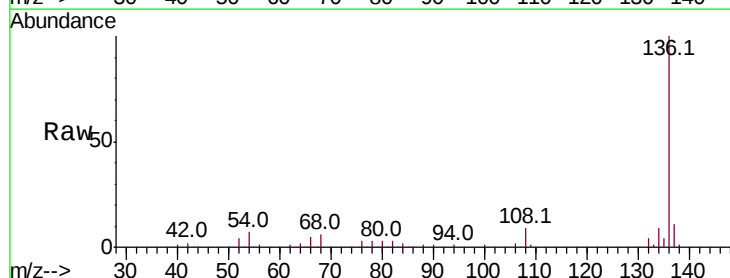
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.0 5.7 8.5

68 5.8 4.7 7.1

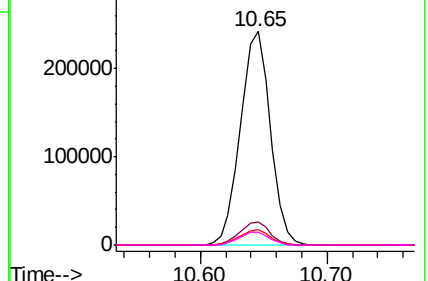
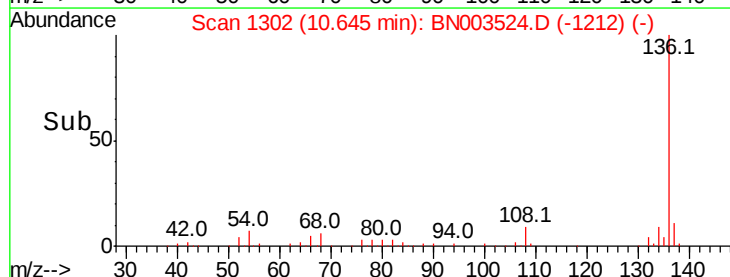


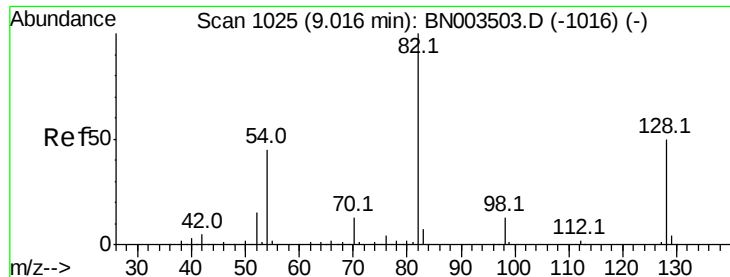
Abundance Ion 136.00 (135.70 to 136.70): BN003503.D (-1293) (-)

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) (-)

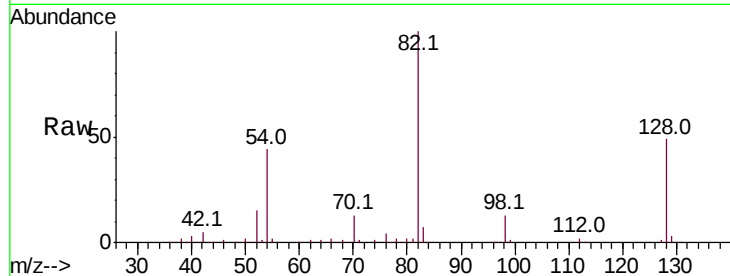




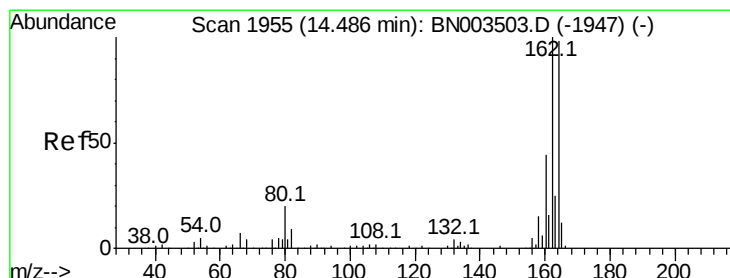
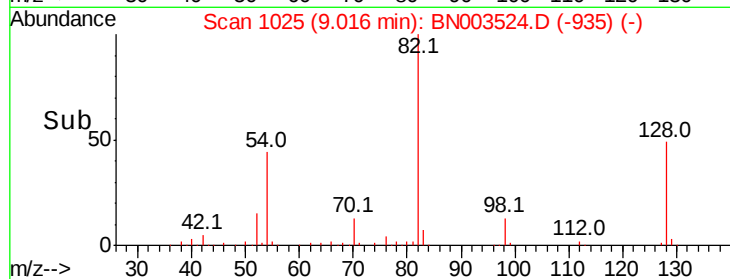
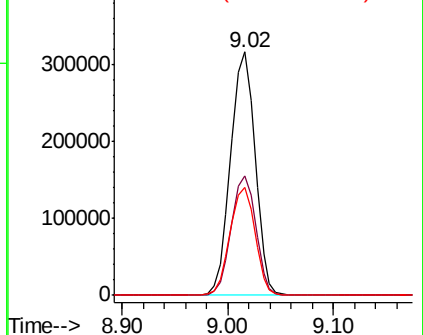
#23
 Nitrobenzene-d5
 Concen: 81.051 ng
 RT: 9.02 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BN003524.D
 Acq: 13 Nov 2018 22:27

Instrument :
 BNA_N
 ClientSampleId :
 SR-4-S

Tot Ion	82	Resp	510327
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.0	60.0
54	44.3	36.1	54.1

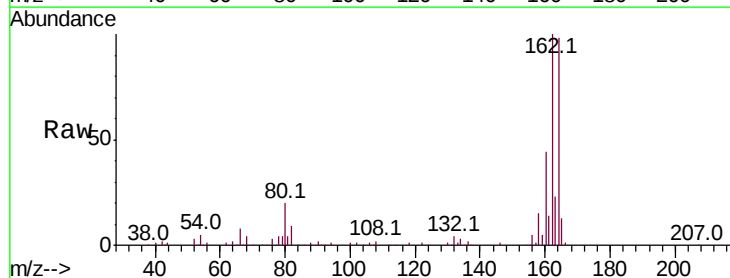


Abundance Ion 82.00 (81.70 to 82.70): BN003503.D (-1016) (-)
 Ion 128.00 (127.70 to 128.70): BN003503.D (-1016) (-)
 Ion 54.00 (53.70 to 54.70): BN003503.D (-1016) (-)

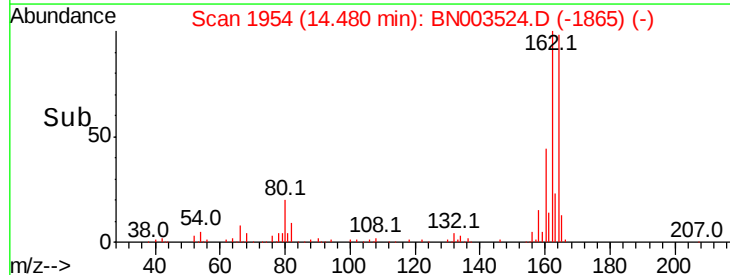
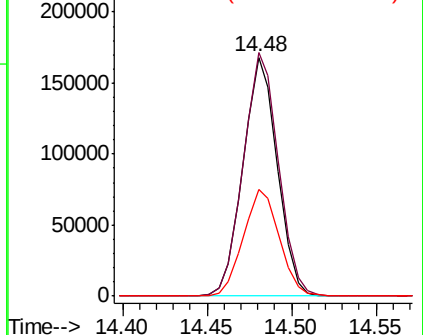


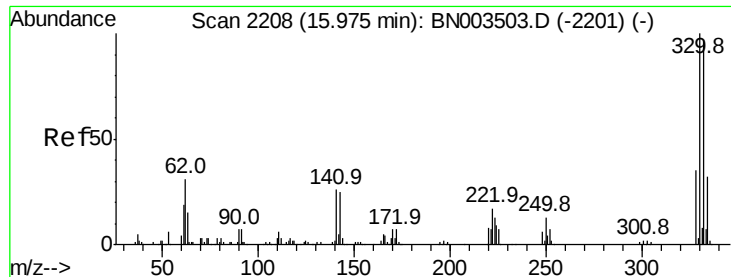
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BN003524.D
 Acq: 13 Nov 2018 22:27

Tgt Ion	164	Resp	237706
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.8	122.6
160	44.8	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): BN003503.D (-1947) (-)
 Ion 162.00 (161.70 to 162.70): BN003503.D (-1947) (-)
 Ion 160.00 (159.70 to 160.70): BN003503.D (-1947) (-)

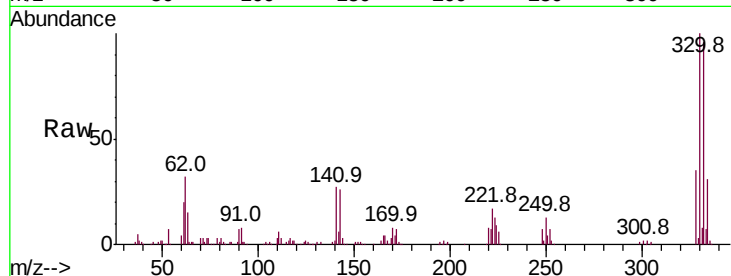




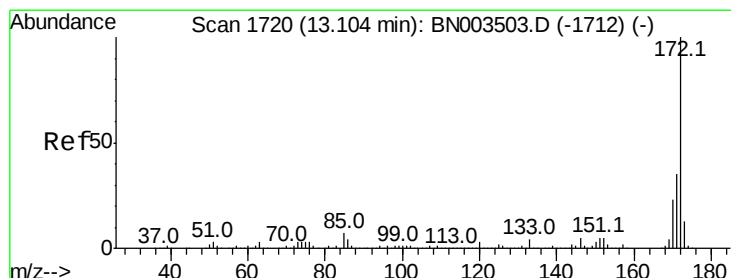
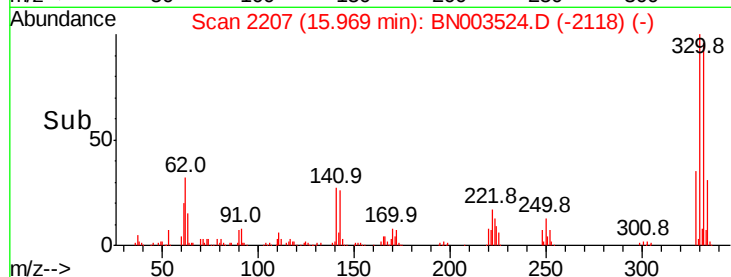
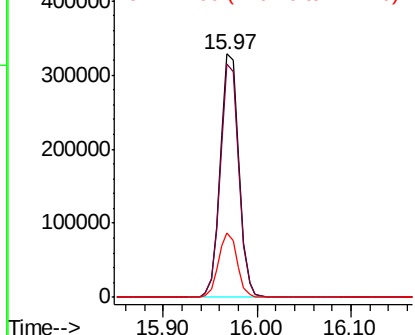
#42
 2,4,6-Tribromophenol
 Concen: 128.237 ng
 RT: 15.97 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BN003524.D
 Acq: 13 Nov 2018 22:27

Instrument :
 BNA_N
 ClientSampleId :
 SR-4-S

Tot Ion:330 Resp: 454420
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 26.6 21.6 32.4

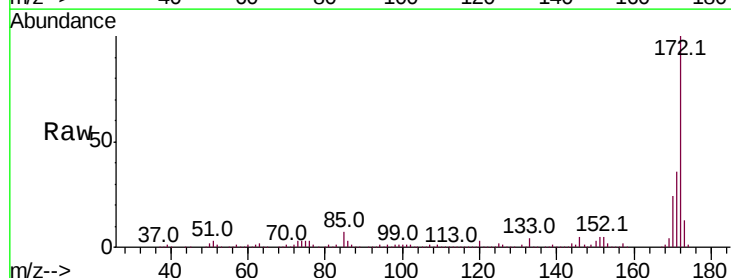


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

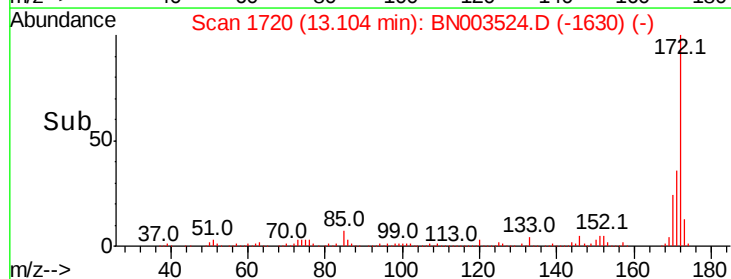
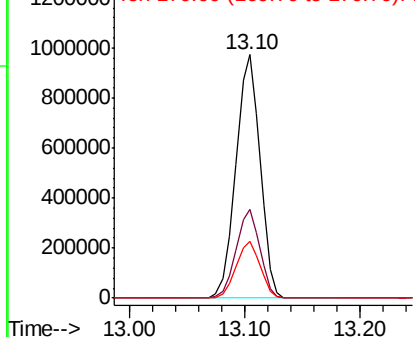


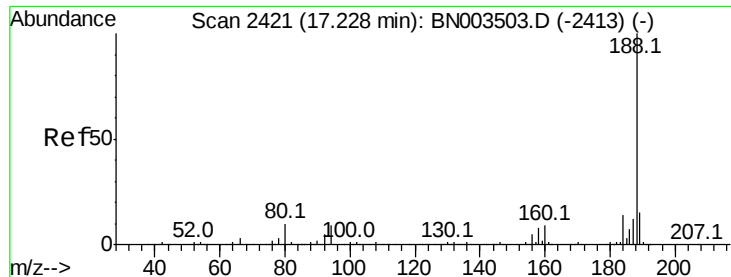
#45
 2-Fluorobiphenyl
 Concen: 78.859 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BN003524.D
 Acq: 13 Nov 2018 22:27

Tgt Ion:172 Resp: 1404397
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.3 42.5
 170 23.6 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

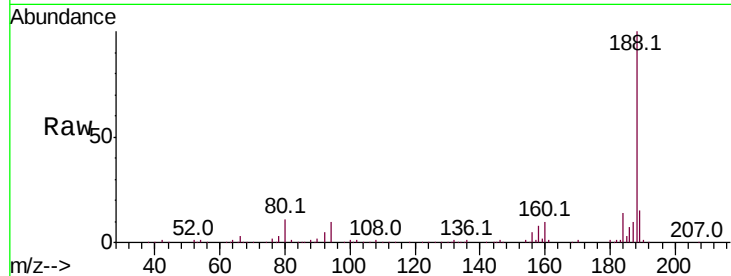




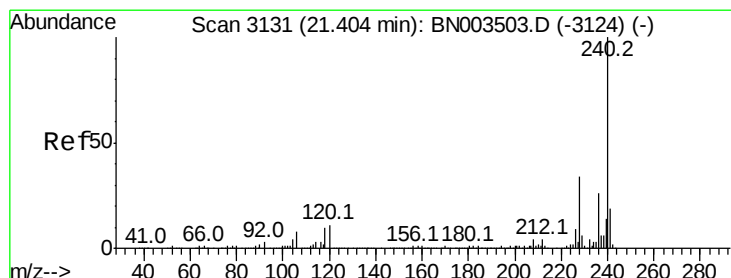
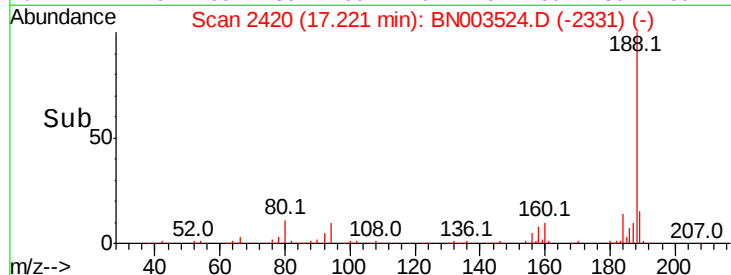
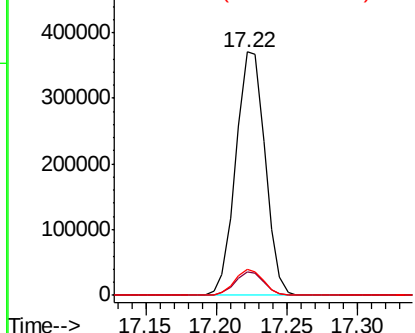
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN003524.D
Acq: 13 Nov 2018 22:27

Instrument :
BNA_N
ClientSampled :
SR-4-S

Tot Ion:188 Resp: 537185
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 10.7 8.2 12.2

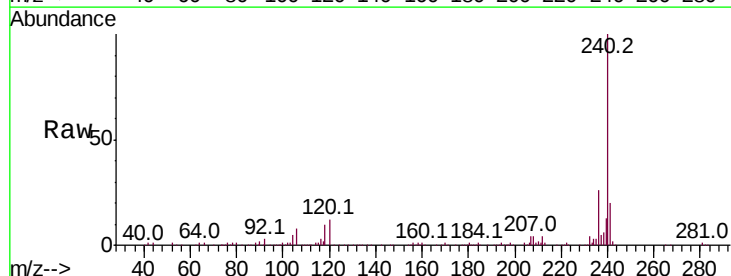


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC

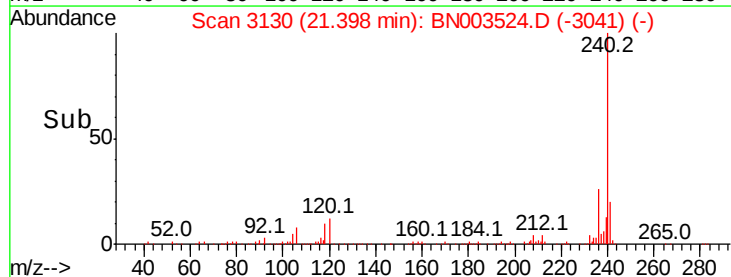
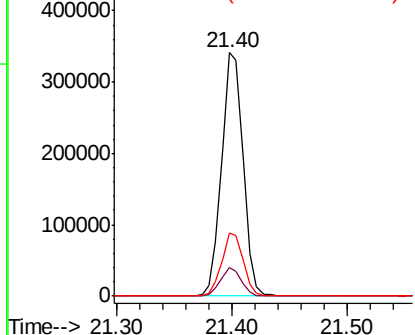


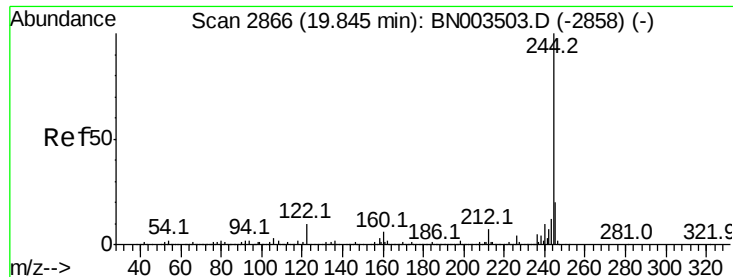
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BN003524.D
Acq: 13 Nov 2018 22:27

Tgt Ion:240 Resp: 441520
Ion Ratio Lower Upper
240 100
120 11.6 9.1 13.7
236 26.1 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



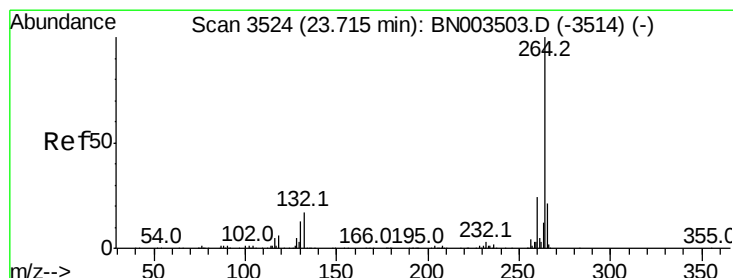
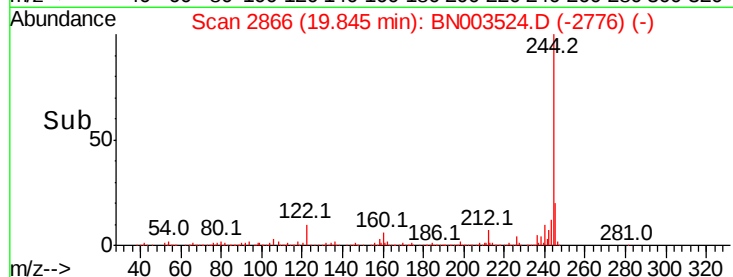
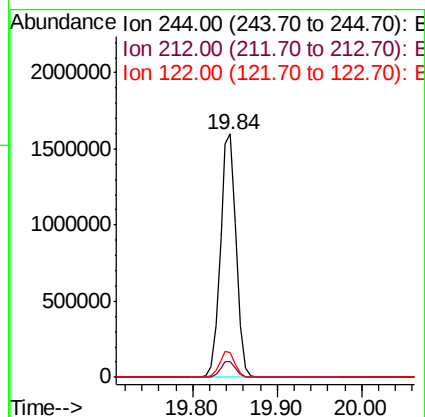
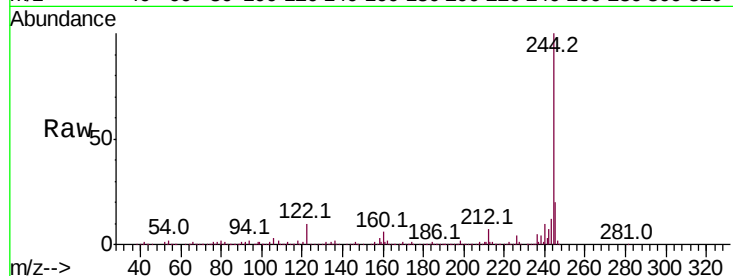


#79
 Terphenyl-d14
 Concen: 92.734 ng
 RT: 19.84 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: BN003524.D
 Acq: 13 Nov 2018 22:27

Instrument :
 BNA_N
 ClientSampleId :
 SR-4-S

Tot Ion:244 Resp: 2079722

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.0	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: BN003524.D
 Acq: 13 Nov 2018 22:27

Tgt Ion:264 Resp: 430942

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.8	17.2	25.8

