

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082519\
 Data File : BN007401.D
 Acq On : 25 Aug 2019 18:25
 Operator : HP/JU
 Sample : K4496-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S600-M-1.0-1.5-082219-FD

Quant Time: Aug 26 06:33:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 24 00:38:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3859	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	15321	0.40	ng	-0.01
13) Acenaphthene-d10	14.04	164	8180	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	18161	0.40	ng	0.00
27) Chrysene-d12	21.02	240	18912	0.40	ng	0.00
34) Perylene-d12	23.12	264	21208	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.03	112	3780	0.27	ng	0.00
5) Phenol-d6	6.59	99	4834	0.27	ng	0.00
8) Nitrobenzene-d5	8.53	82	3661	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	11.76	152	7001	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	1198	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.66	172	8666	0.26	ng	0.00
25) Fluoranthene-d10	18.84	212	15433	0.26	ng	0.00
29) Terphenyl-d14	19.46	244	10970	0.22	ng	0.00

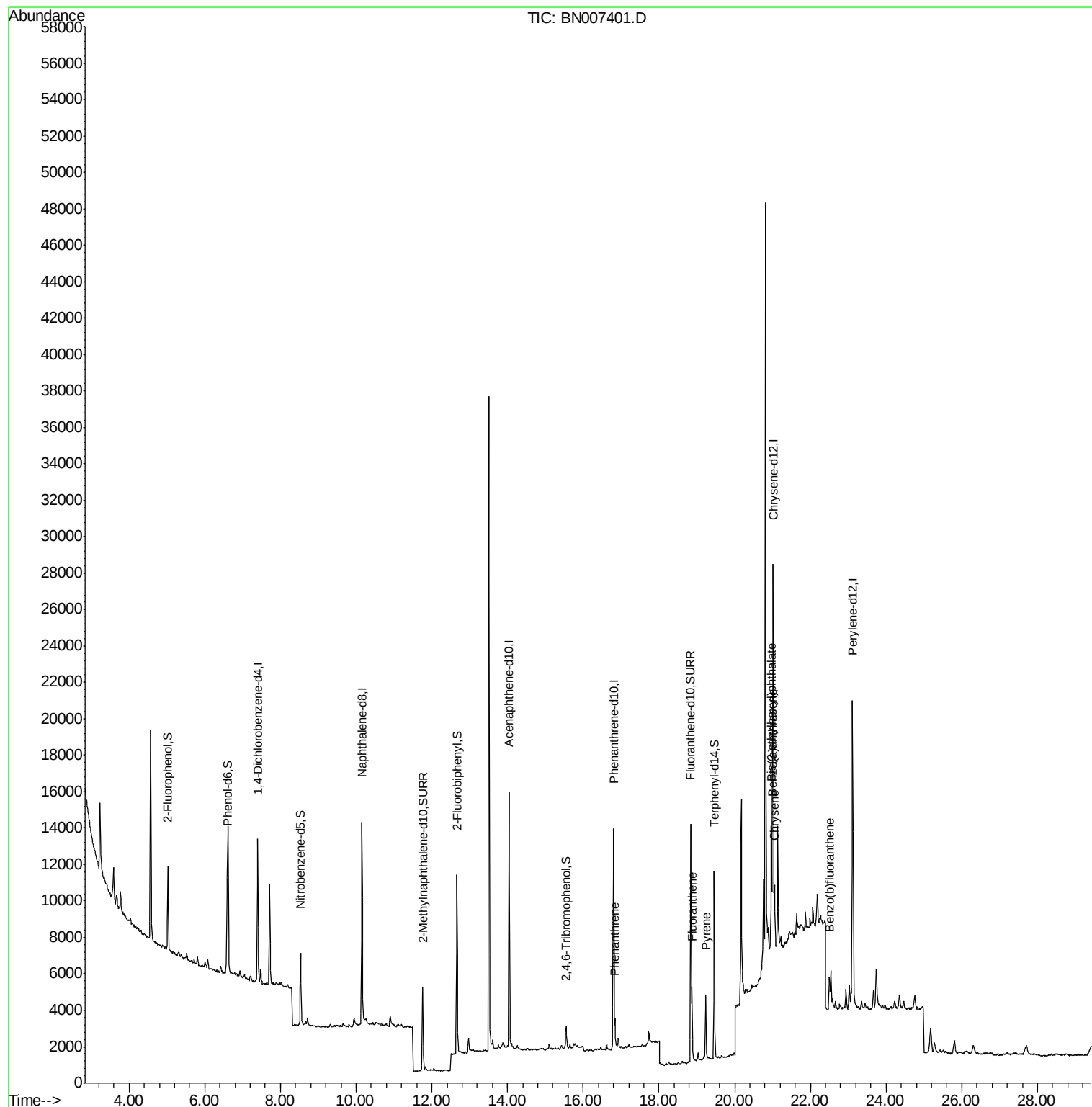
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
23) Phenanthrene	16.84	178	1758	0.032	ng	100
26) Fluoranthene	18.87	202	3783	0.054	ng	98
28) Pyrene	19.24	202	3686	0.048	ng	# 93
30) Benzo(a)anthracene	21.00	228	2355	0.032	ng	# 64
31) Chrysene	21.05	228	2273	0.032	ng	# 72
32) Bis(2-ethylhexyl)phthalate	20.96	149	6359	0.113	ng	97
35) Benzo(b)fluoranthene	22.50	252	2896	0.038	ng	# 27

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

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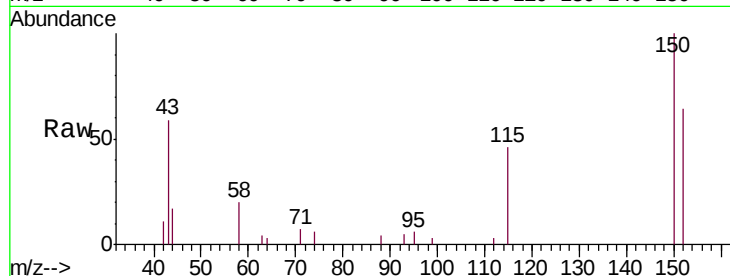


#1

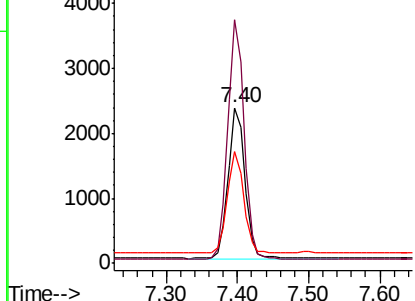
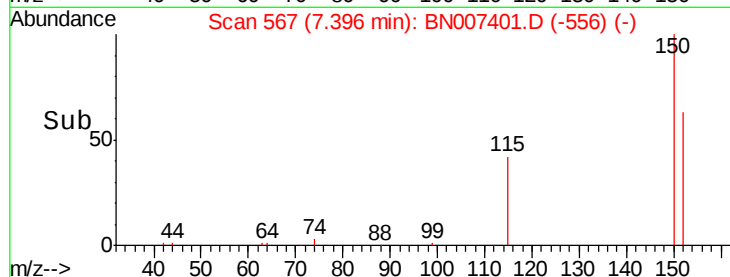
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.40 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BN007401.D
 Acq: 25 Aug 2019 18:25

Instrument :
 BNA_N
 ClientSampleId :
 S600-M-1.0-1.5-082219-FD

Tot Ion:152 Resp: 3859
 Ion Ratio Lower Upper
 152 100
 150 156.6 109.1 163.7
 115 72.1 59.6 89.4



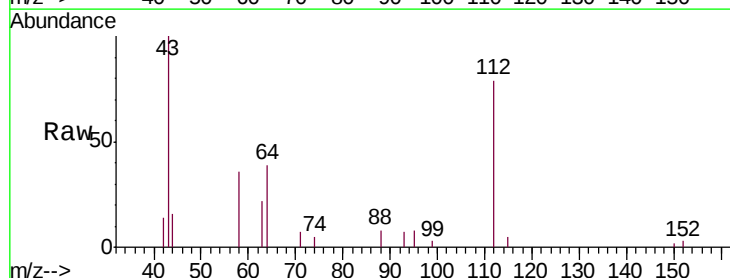
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



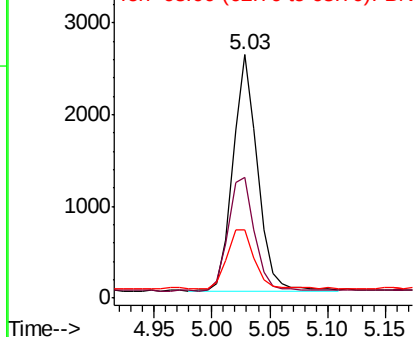
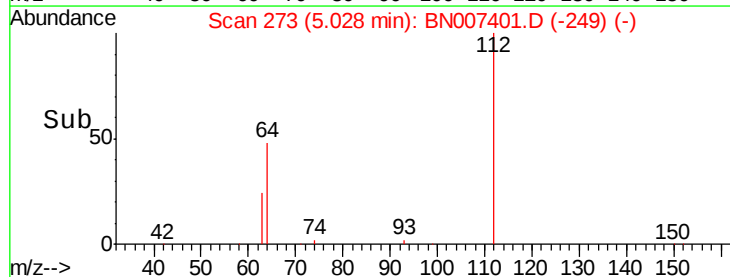
#4

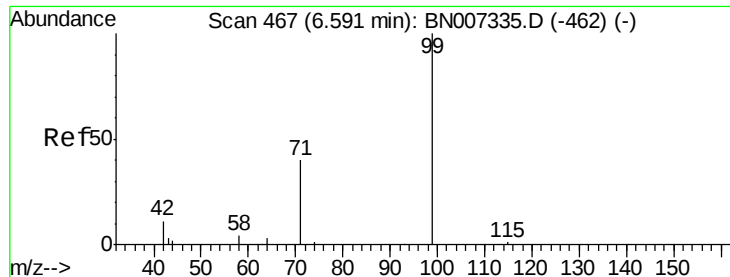
2-Fluorophenol
 Concen: 0.273 ng
 RT: 5.03 min Scan# 273
 Delta R.T. -0.01 min
 Lab File: BN007401.D
 Acq: 25 Aug 2019 18:25

Tgt Ion:112 Resp: 3780
 Ion Ratio Lower Upper
 112 100
 64 52.9 42.3 63.5
 63 27.5 23.6 35.4



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





#5

Phenol-d6

Concen: 0.274 ng

RT: 6.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219-FD

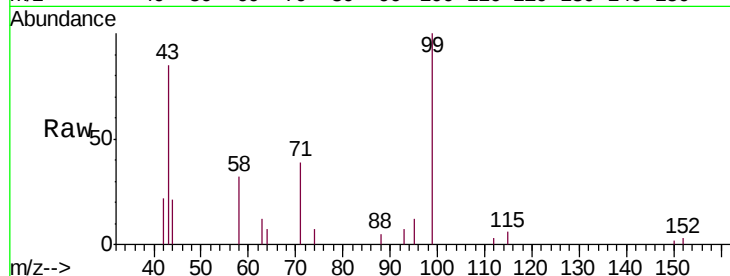
Tot Ion: 99 Resp: 4834

Ion Ratio Lower Upper

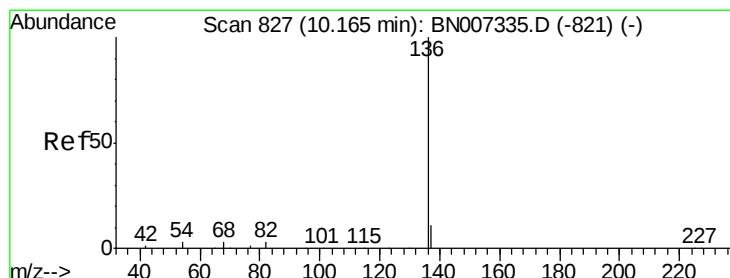
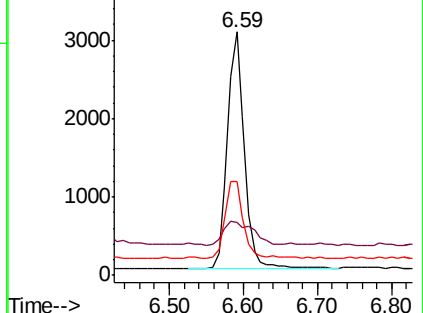
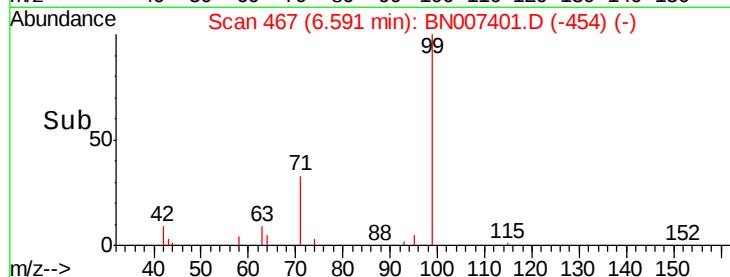
99 100

42 17.3 11.2 16.8#

71 35.5 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007401.D (-454) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

Tgt Ion: 136 Resp: 15321

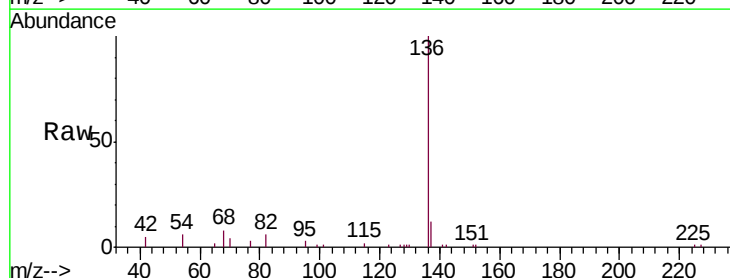
Ion Ratio Lower Upper

136 100

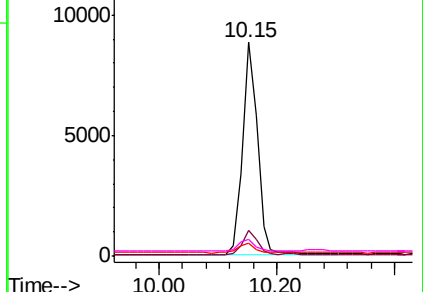
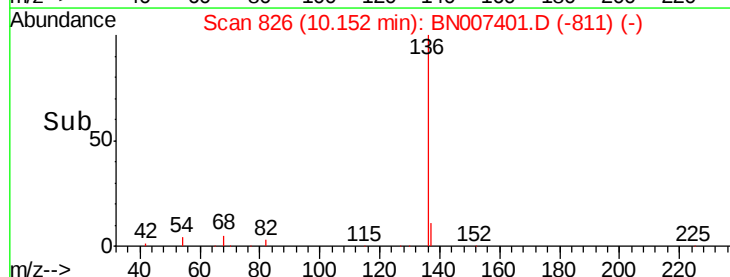
137 11.7 12.9 19.3#

54 5.7 8.6 12.8#

68 7.9 17.0 25.4#



Abundance Ion 136.00 (135.70 to 136.70): BN007401.D (-811) (-)

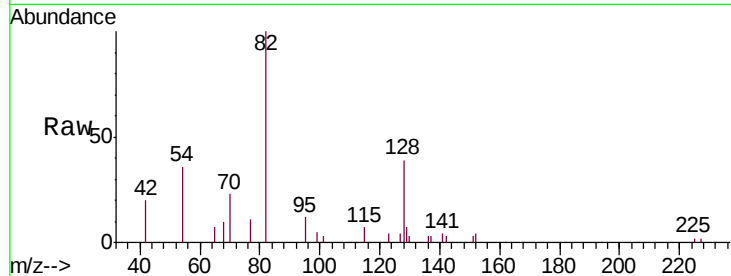




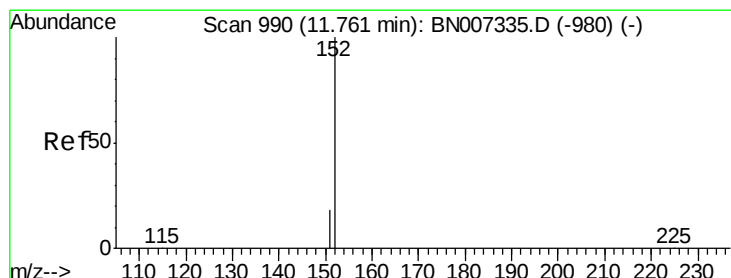
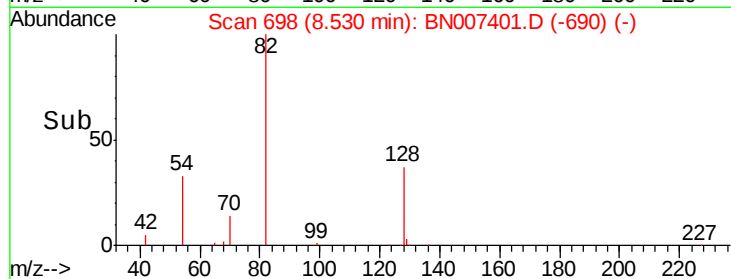
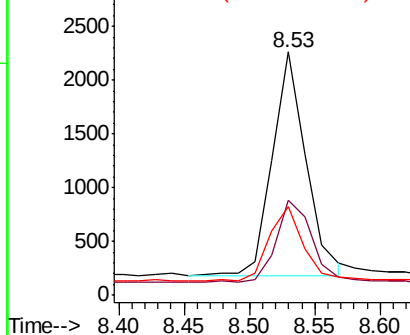
#8
 Nitrobenzene-d5
 Concen: 0.275 ng
 RT: 8.53 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BN007401.D
 Acq: 25 Aug 2019 18:25

Instrument :
 BNA_N
 ClientSampleId :
 S600-M-1.0-1.5-082219-FD

Tot Ion	82	Resp	3661
Ion Ratio	Lower	Upper	
82	100		
128	39.0	19.7	29.5#
54	36.3	25.8	38.6

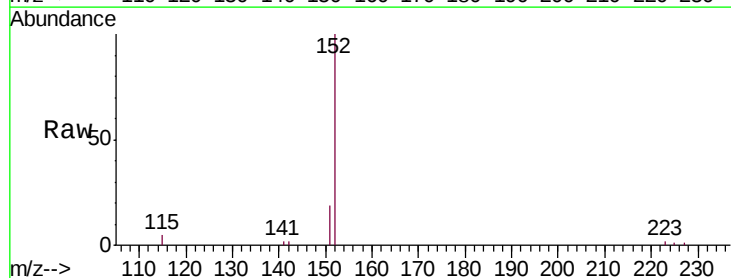


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

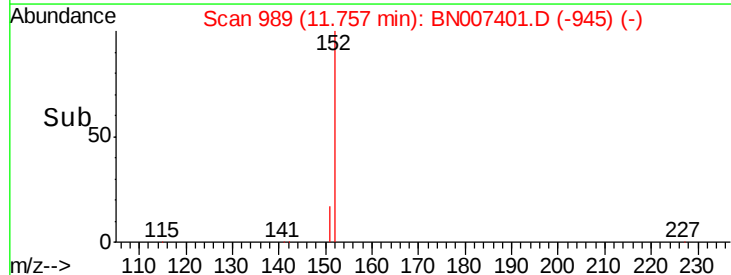
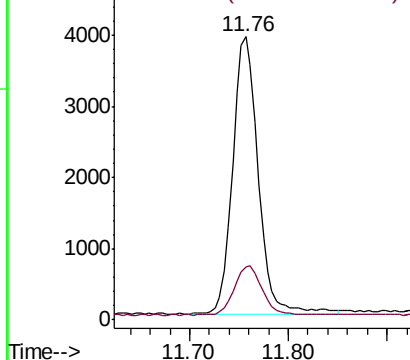


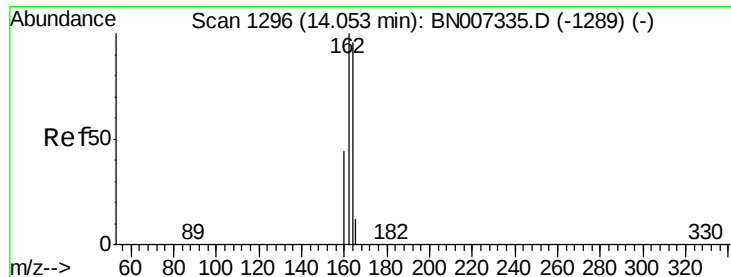
#11
 2-Methylnaphthalene-d10
 Concen: 0.275 ng
 RT: 11.76 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BN007401.D
 Acq: 25 Aug 2019 18:25

Tgt Ion	152	Resp	7001
Ion Ratio	Lower	Upper	
152	100		
151	19.1	16.2	24.2



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.04 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219-FD

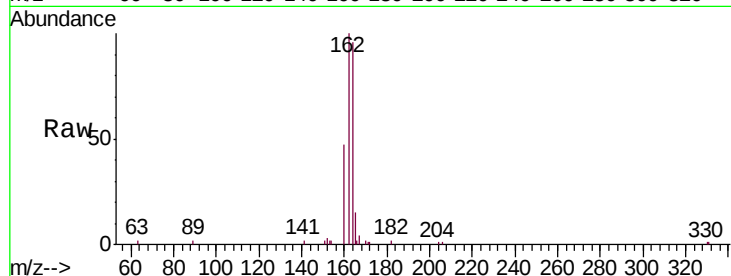
Tot Ion:164 Resp: 8180

Ion Ratio Lower Upper

164 100

162 104.5 83.5 125.3

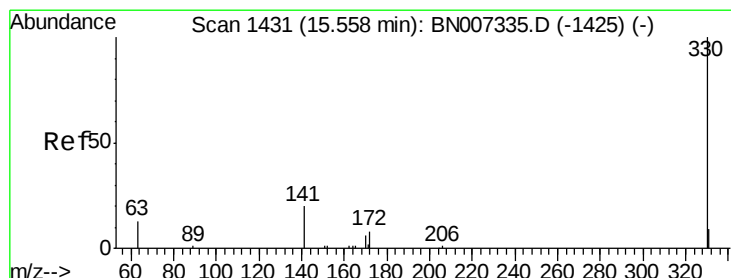
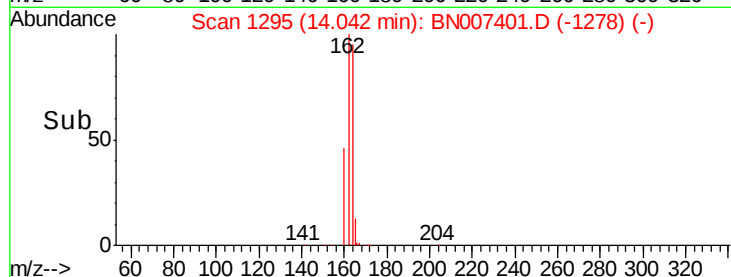
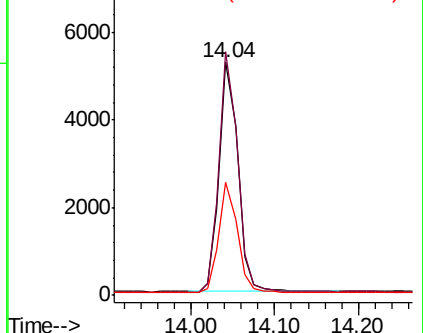
160 48.8 38.2 57.4



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



#14

2,4,6-Tribromophenol

Concen: 0.280 ng

RT: 15.55 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

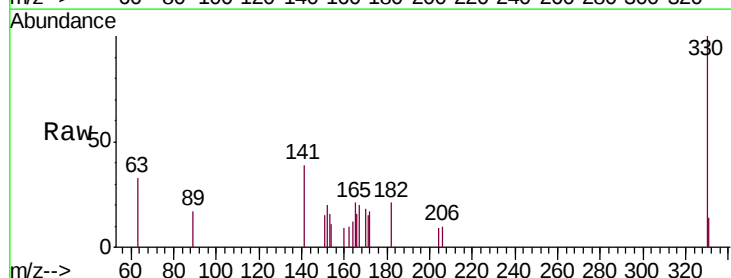
Tgt Ion:330 Resp: 1198

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

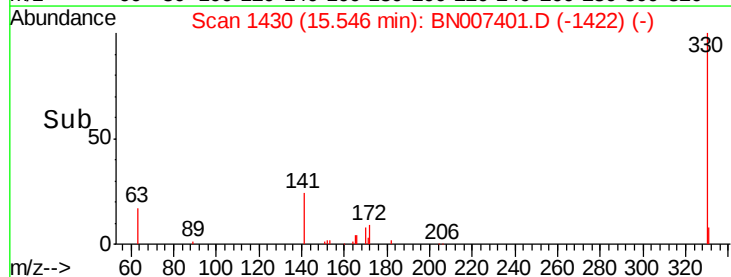
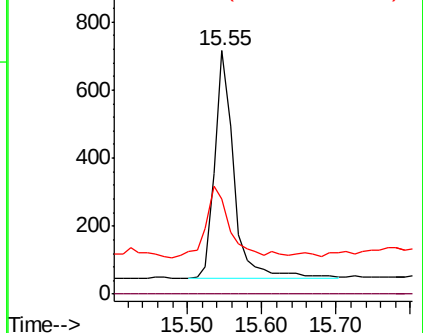
141 38.2 26.9 40.3



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

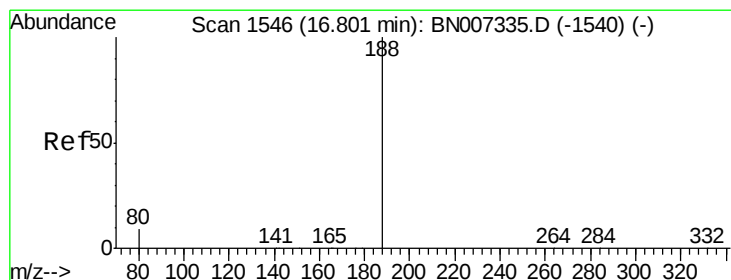
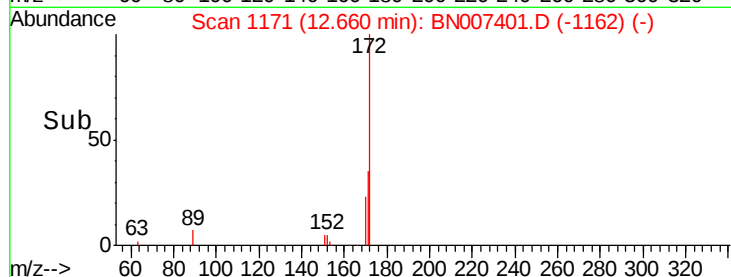
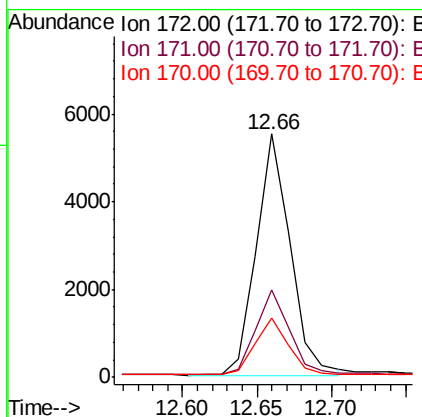
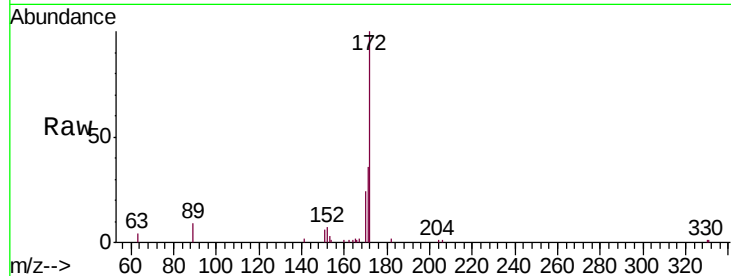




#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 12.66 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

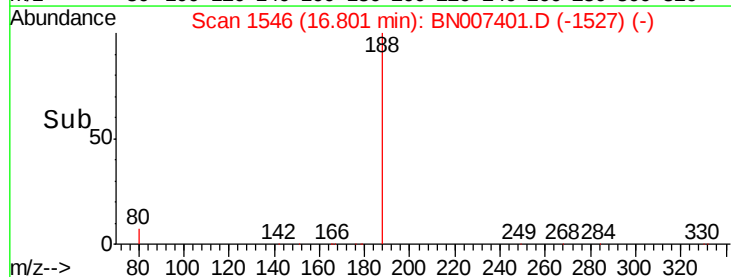
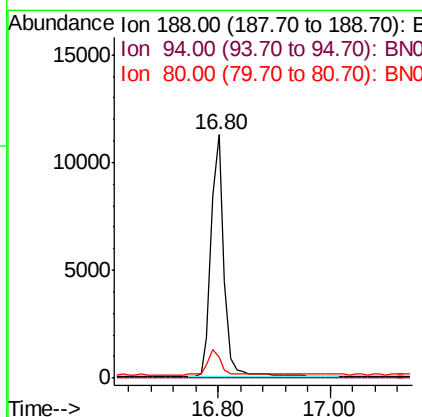
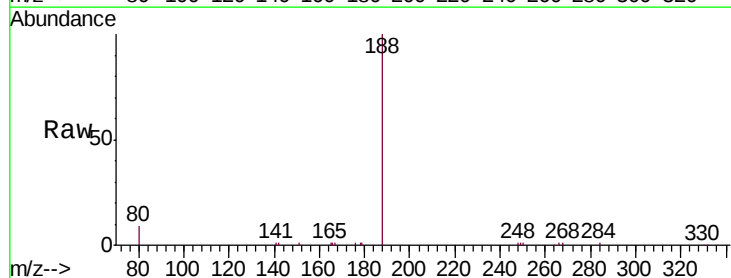
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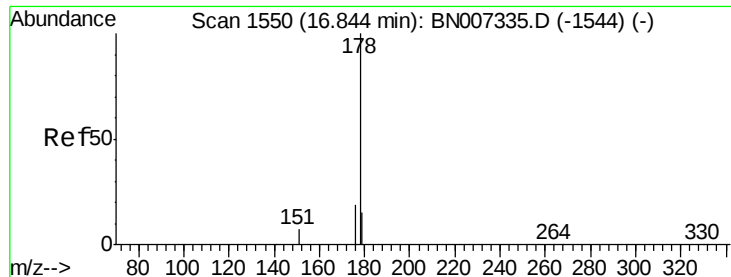
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.3	45.5
170	24.1	20.7	31.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.80 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	11.8	17.8





#23

Phenanthrene

Concen: 0.032 ng

RT: 16.84 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219-FD

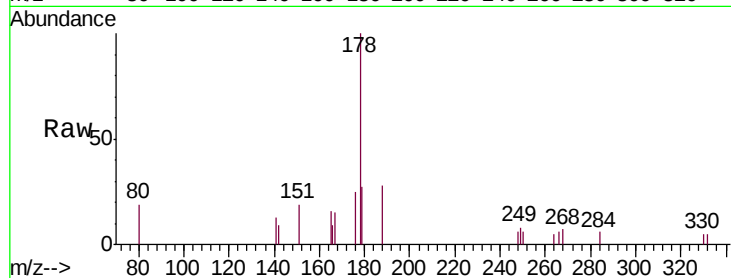
Tot Ion:178 Resp: 1758

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

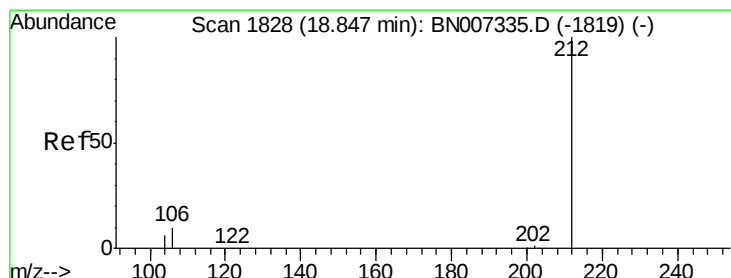
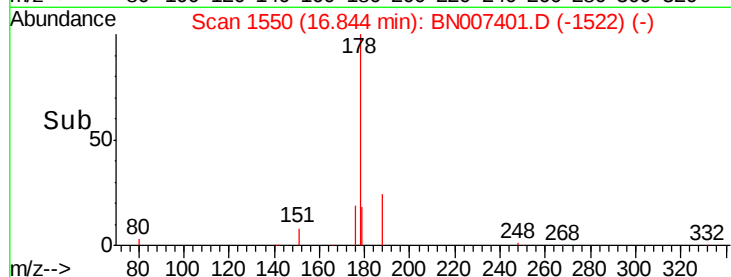
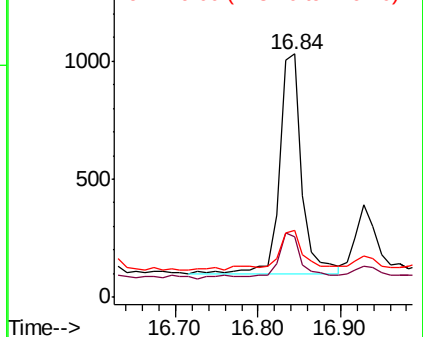
179 15.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.264 ng

RT: 18.84 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

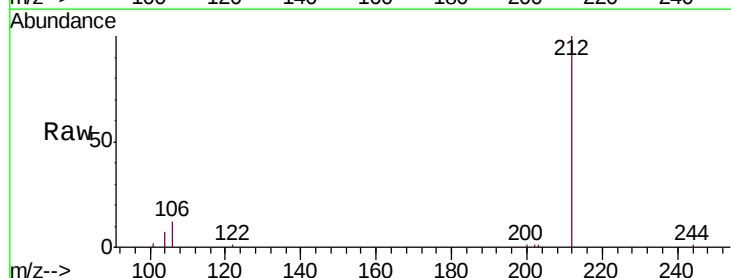
Tgt Ion:212 Resp: 15433

Ion Ratio Lower Upper

212 100

106 11.1 9.0 13.4

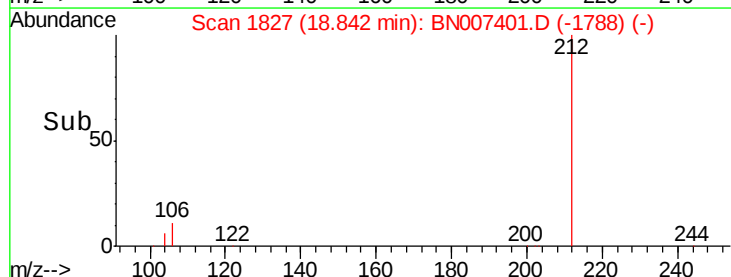
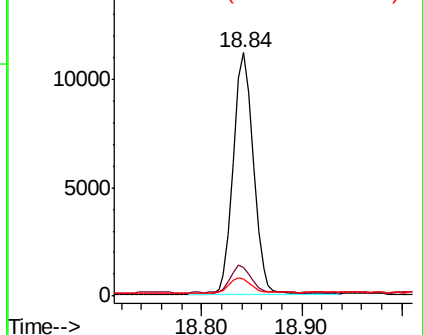
104 6.9 5.4 8.2

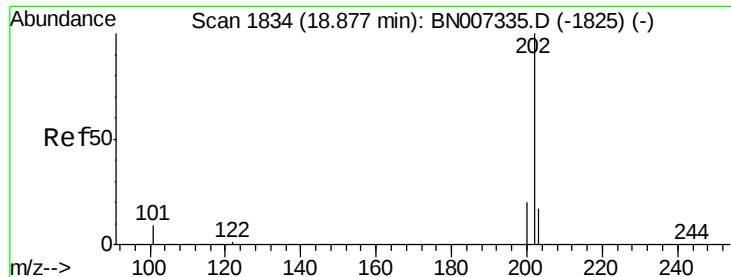


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

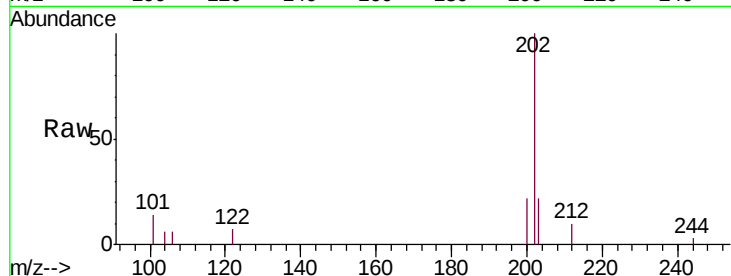




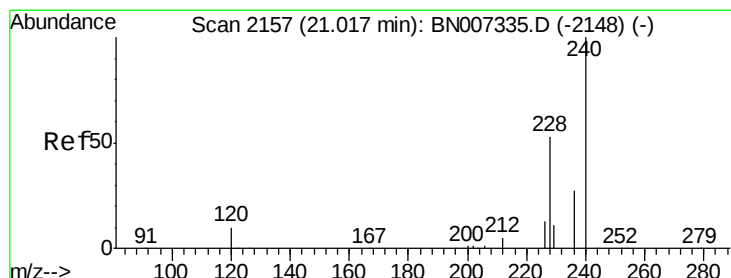
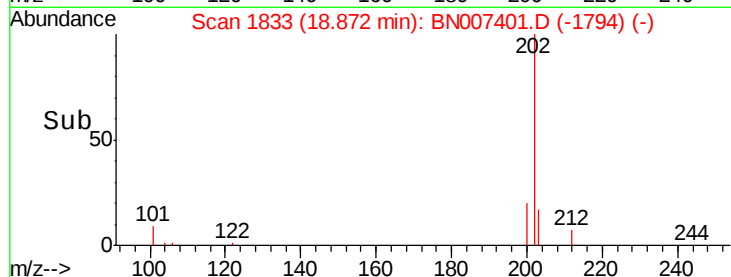
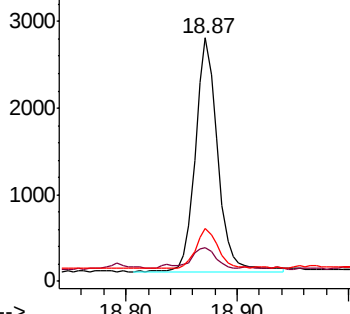
#26
Fluoranthene
Concen: 0.054 ng
RT: 18.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Instrument :
BNA_N
ClientSampleId :
S600-M-1.0-1.5-082219-FD

Tot Ion:202 Resp: 3783
Ion Ratio Lower Upper
202 100
101 8.7 7.7 11.5
203 16.4 13.7 20.5

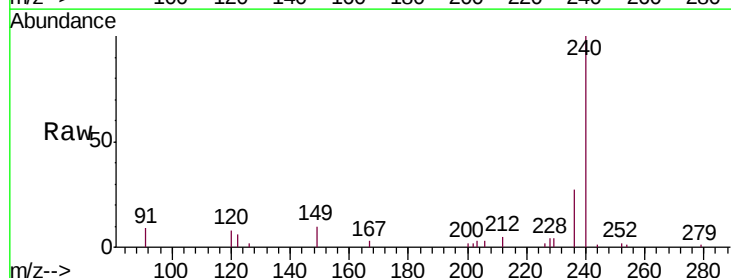


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

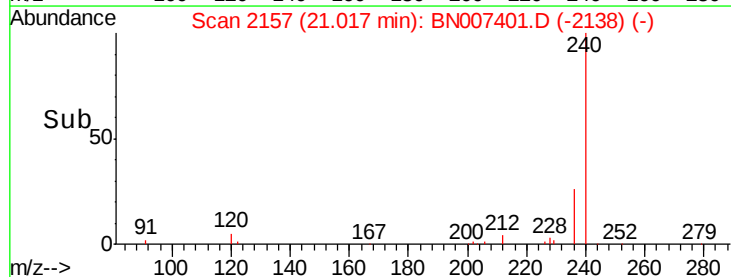
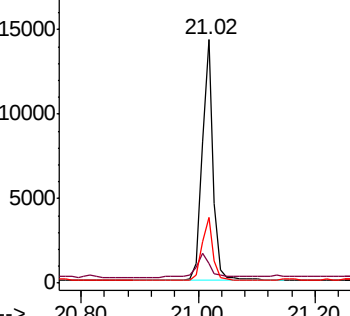


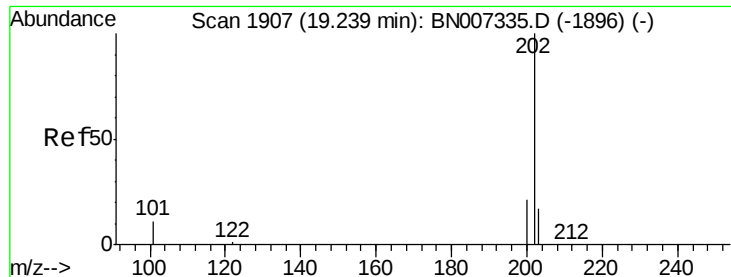
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.02 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BN007401.D
Acq: 25 Aug 2019 18:25

Tgt Ion:240 Resp: 18912
Ion Ratio Lower Upper
240 100
120 8.3 9.6 14.4#
236 26.7 22.2 33.2



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





#28

Pvrene

Concen: 0.048 ng

RT: 19.24 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219-FD

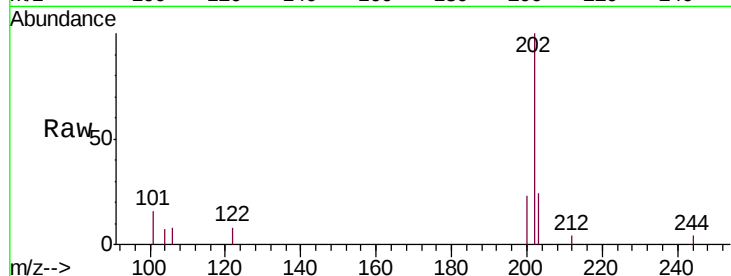
Tot Ion:202 Resp: 3686

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

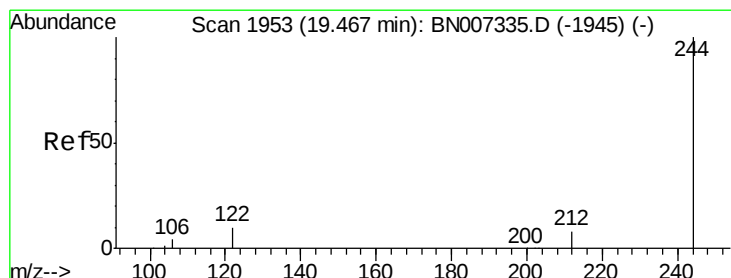
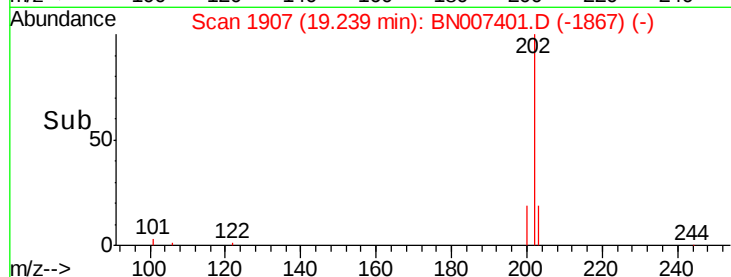
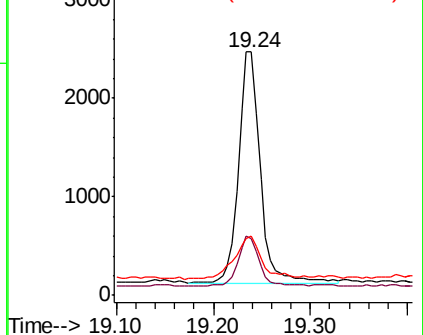
203 23.9 14.2 21.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.222 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

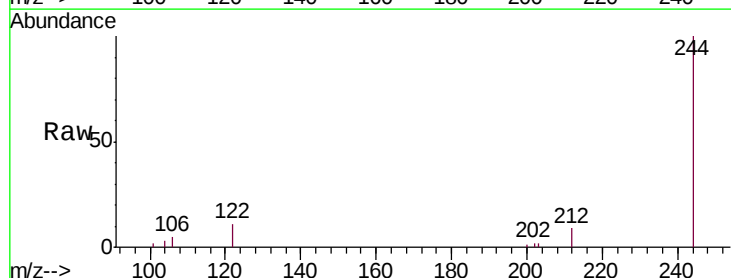
Tgt Ion:244 Resp: 10970

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

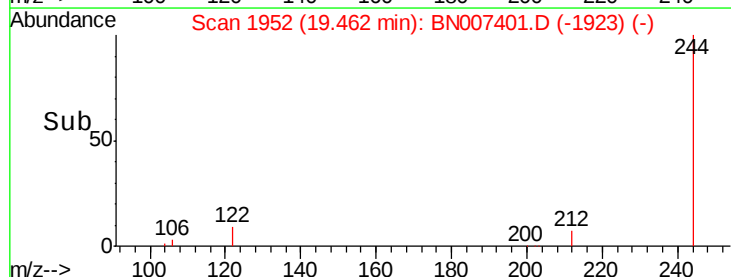
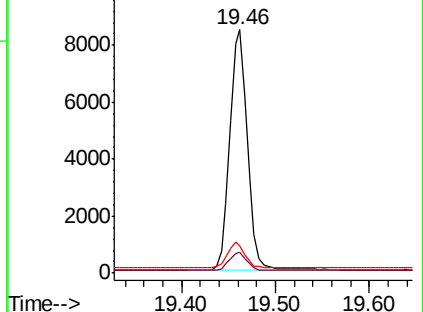
122 11.3 9.6 14.4

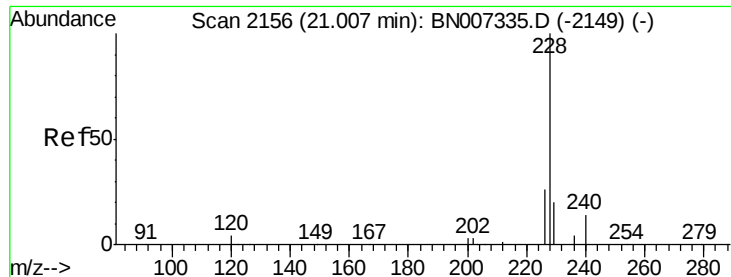


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.032 ng

RT: 21.00 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219-FD

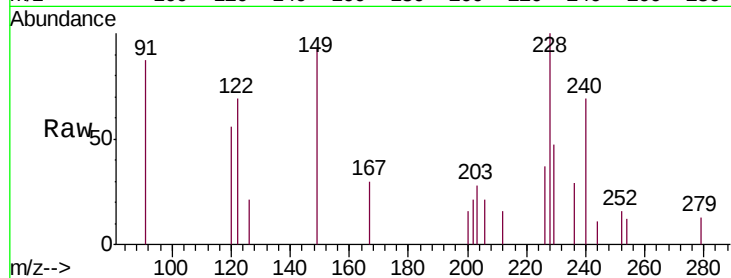
Tot Ion:228 Resp: 2355

Ion Ratio Lower Upper

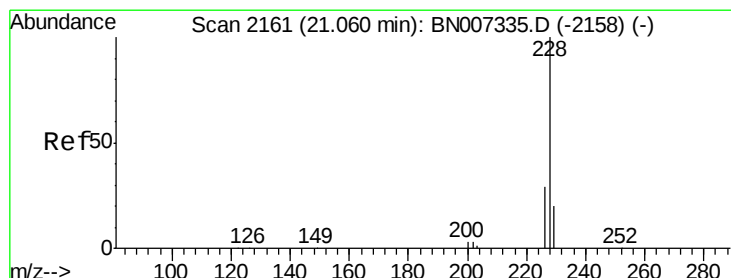
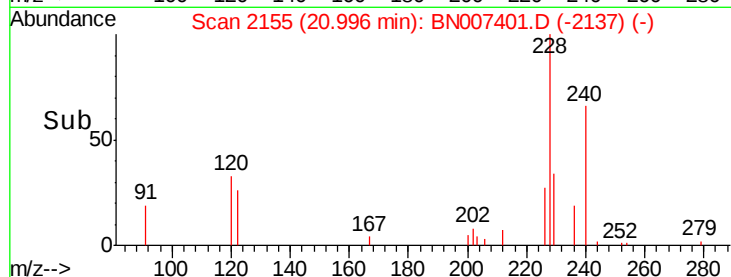
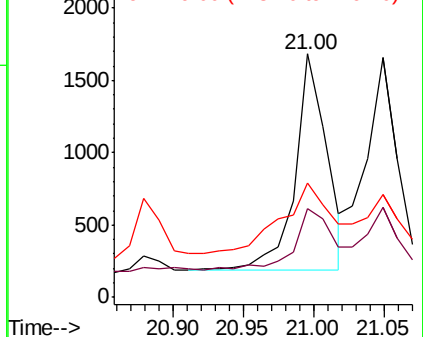
228 100

226 36.6 21.3 31.9#

229 46.9 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.032 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BN007401.D

Acq: 25 Aug 2019 18:25

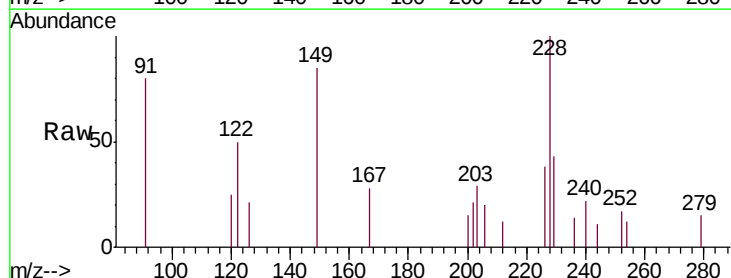
Tgt Ion:228 Resp: 2273

Ion Ratio Lower Upper

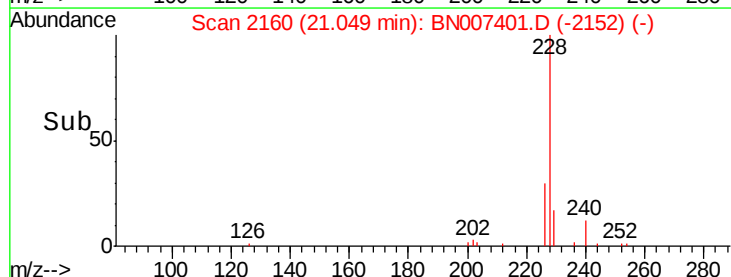
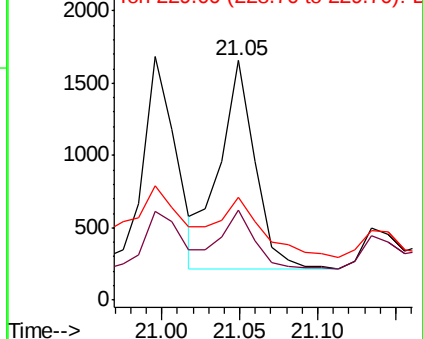
228 100

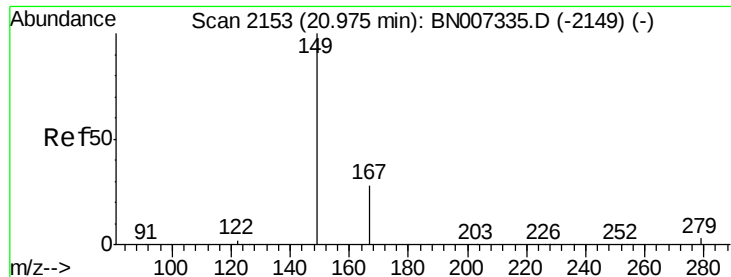
226 37.6 23.5 35.3#

229 42.6 16.6 24.8#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

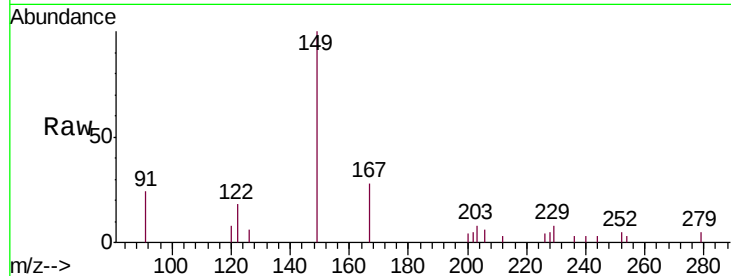




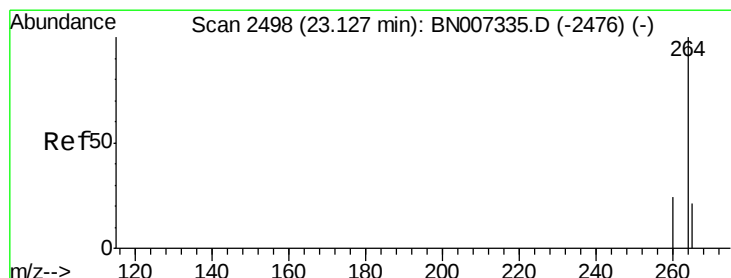
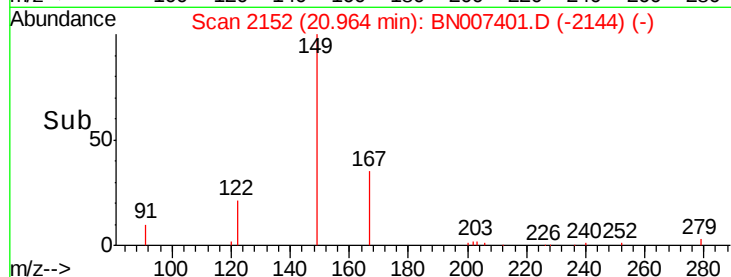
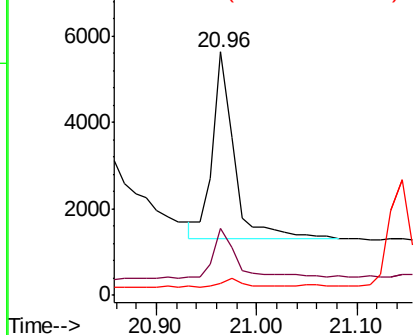
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 20.96 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BN007401.D
 Acq: 25 Aug 2019 18:25

Instrument :
 BNA_N
 ClientSampleId :
 S600-M-1.0-1.5-082219-FD

Tot Ion:149 Resp: 6359
 Ion Ratio Lower Upper
 149 100
 167 30.1 22.8 34.2
 279 5.1 3.5 5.3

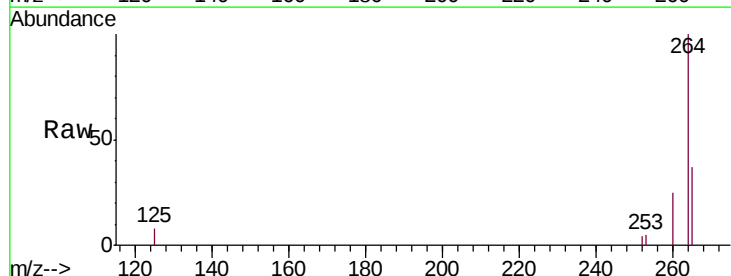


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

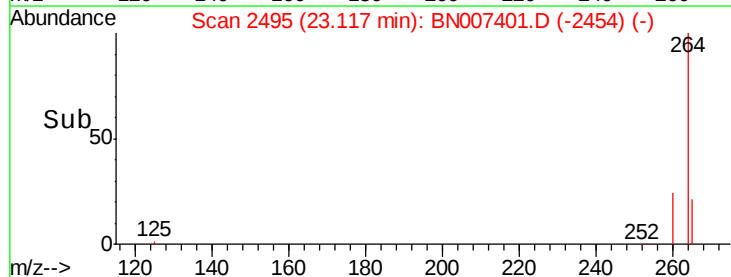
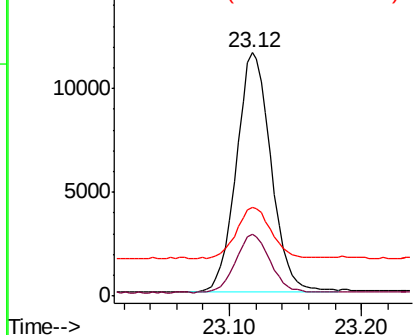


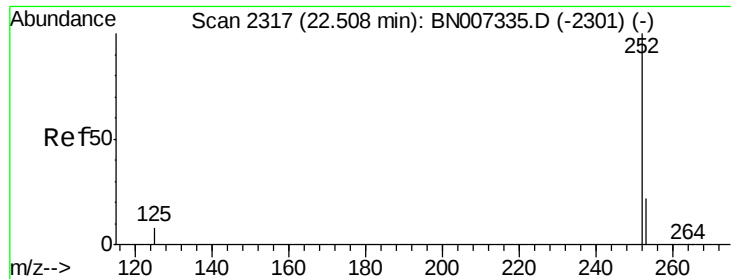
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.12 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BN007401.D
 Acq: 25 Aug 2019 18:25

Tgt Ion:264 Resp: 21208
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 36.5 29.9 44.9



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





#35

Benzo(b)fluoranthene

Concen: 0.038 ng

RT: 22.50 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BN007401.D

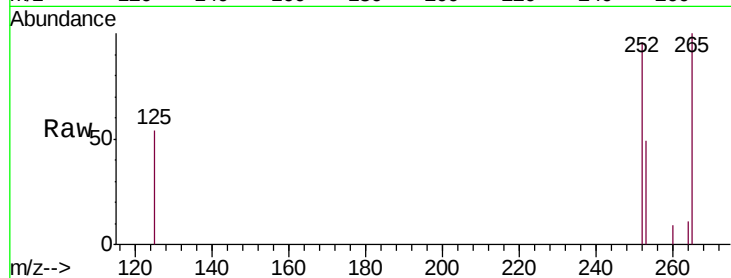
Acq: 25 Aug 2019 18:25

Instrument :

BNA_N

ClientSampleId :

S600-M-1.0-1.5-082219-FD



Tot Ion: 252 Resp: 2896

Ion Ratio Lower Upper

252 100

253 50.7 19.2 28.8#

125 56.0 10.6 16.0#

