

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
 Data File : BN010694.D
 Acq On : 12 May 2020 10:45
 Operator : CG/JU
 Sample : PB128768BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BL

Quant Time: May 12 11:23:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 10:58:34 2020
 Response via : Initial Calibration

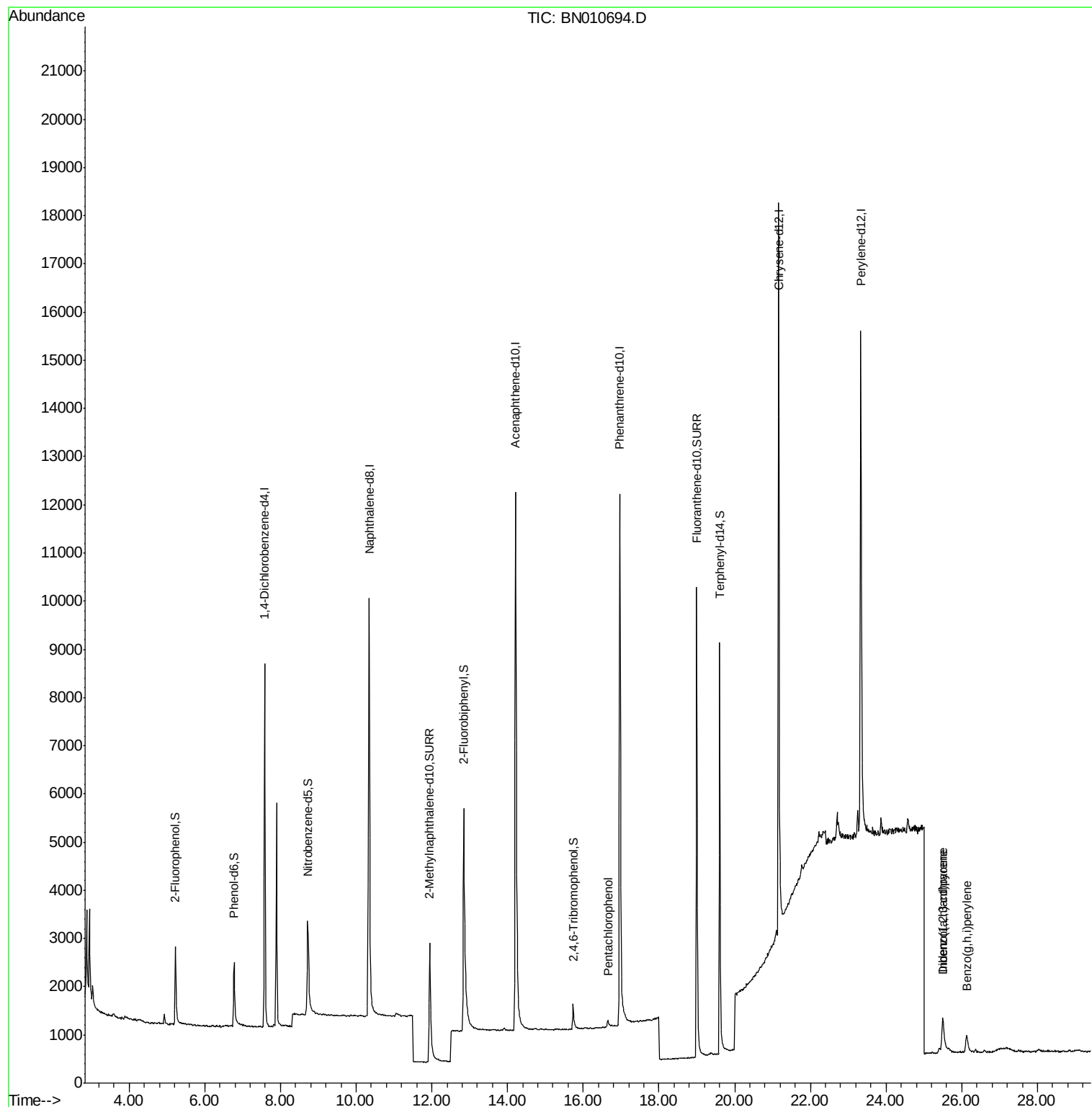
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4113	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	16905	0.40	ng	0.01
13) Acenaphthene-d10	14.21	164	10924	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	24169	0.40	ng	0.00
27) Chrysene-d12	21.17	240	18561	0.40	ng	0.00
34) Perylene-d12	23.33	264	17350	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2029	0.23	ng	0.00
5) Phenol-d6	6.78	99	2087	0.18	ng	0.00
8) Nitrobenzene-d5	8.72	82	2788	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	6573	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	756	0.15	ng	0.03
15) 2-Fluorobiphenyl	12.84	172	8698	0.22	ng	0.02
25) Fluoranthene-d10	19.00	212	15071	0.21	ng	0.00
29) Terphenyl-d14	19.61	244	11299	0.27	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.65	266	175	0.029	ng	# 76
33) Indeno(1,2,3-cd)pyrene	25.49	276	1226	0.023	ng	# 84
38) Dibenzo(a,h)anthracene	25.51	278	944	0.020	ng	# 1
39) Benzo(g,h,i)perylene	26.13	276	1054	0.023	ng	# 53

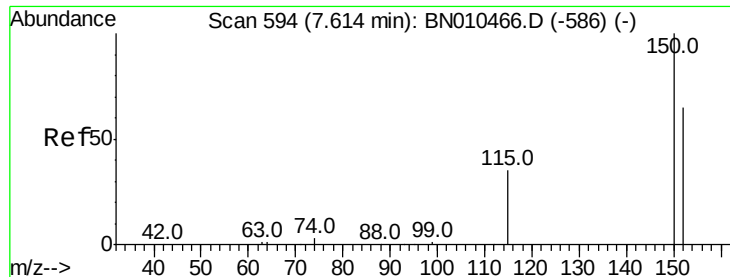
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

PB128768BL

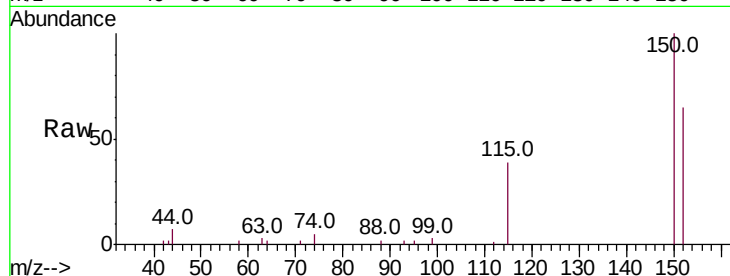
Tot Ion:152 Resp: 4113

Ion Ratio Lower Upper

152 100

150 152.9 121.8 182.6

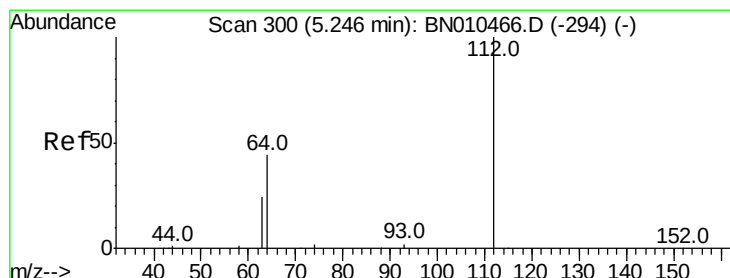
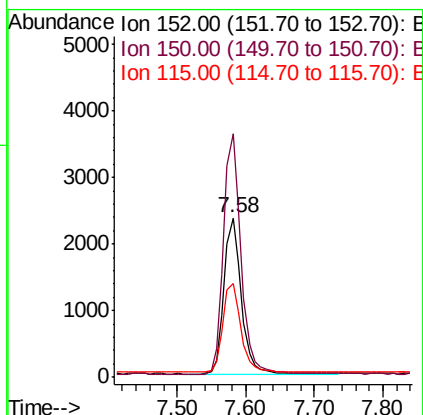
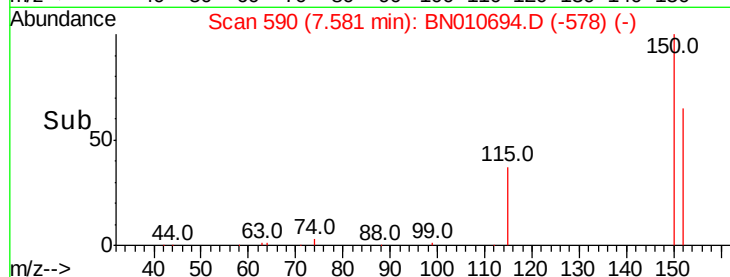
115 59.2 45.5 68.3



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



#4

2-Fluorophenol

Concen: 0.225 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.01 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

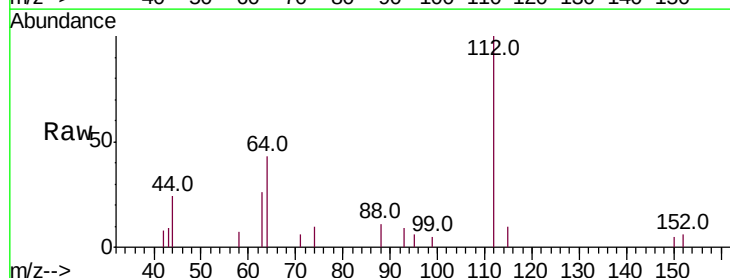
Tgt Ion:112 Resp: 2029

Ion Ratio Lower Upper

112 100

64 45.2 35.8 53.8

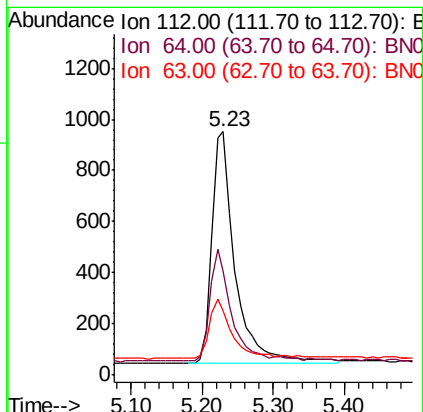
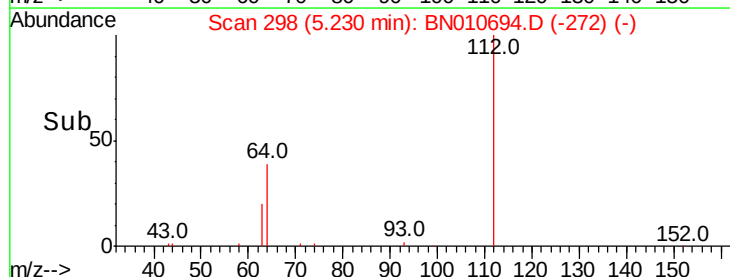
63 25.2 19.9 29.9

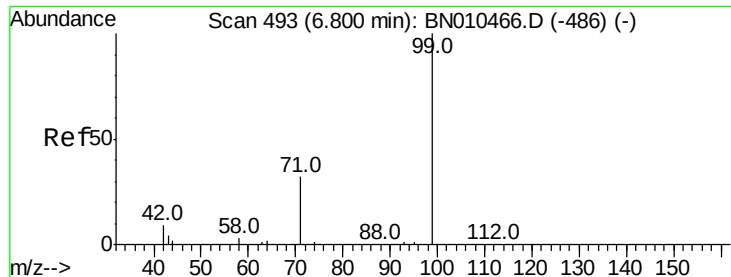


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.177 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

PB128768BL

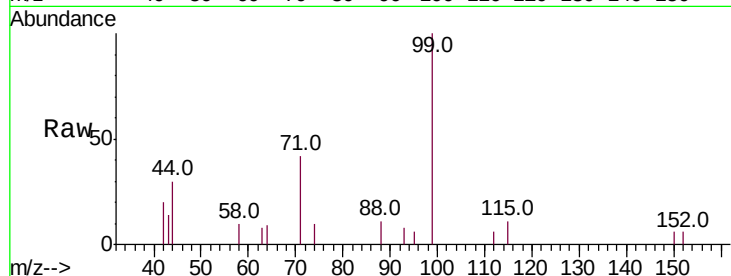
Tot Ion: 99 Resp: 2087

Ion Ratio Lower Upper

99 100

42 12.0 9.8 14.6

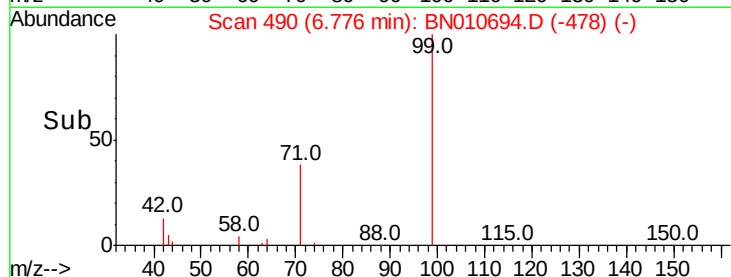
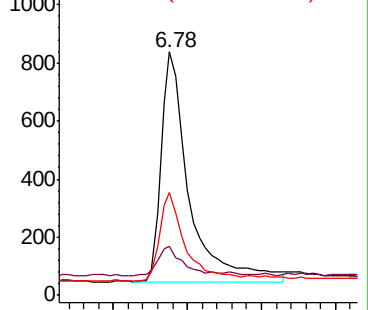
71 34.6 27.8 41.8



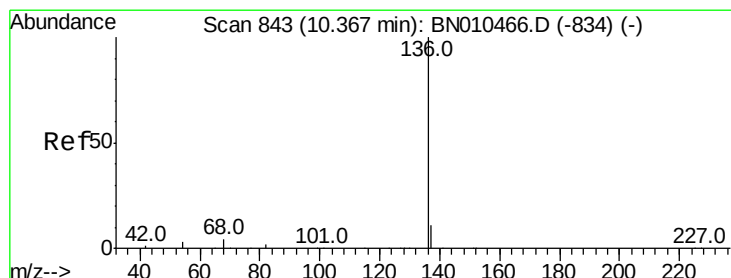
Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.01 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

Tgt Ion: 136 Resp: 16905

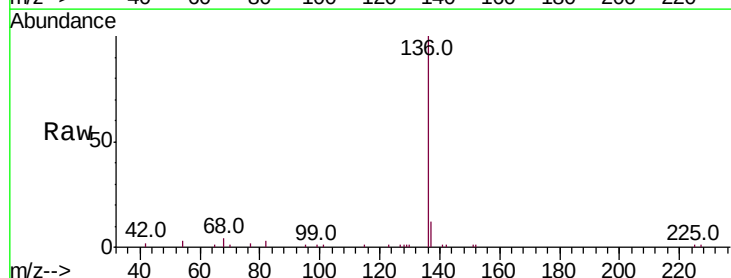
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 3.3 2.6 4.0

68 4.1 3.4 5.2

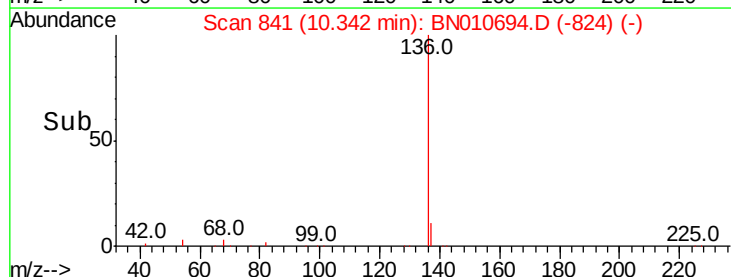
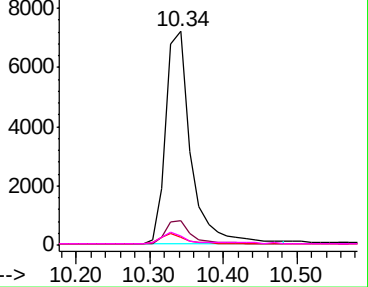


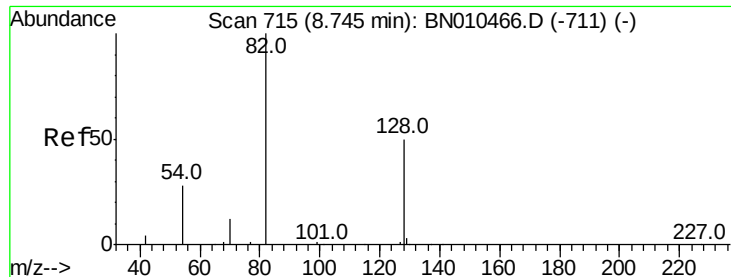
Abundance Ion 136.00 (135.70 to 136.70): BN010466.D (-834) (-)

Ion 137.00 (136.70 to 137.70): BN010466.D (-834) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-834) (-)

Ion 68.00 (67.70 to 68.70): BN010466.D (-834) (-)

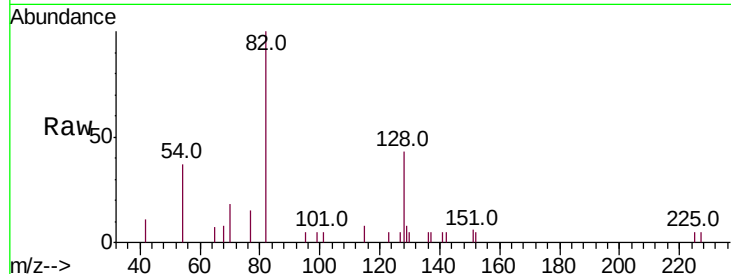




#8
 Nitrobenzene-d5
 Concen: 0.236 ng
 RT: 8.72 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BN010694.D
 Acq: 12 May 2020 10:45

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BL

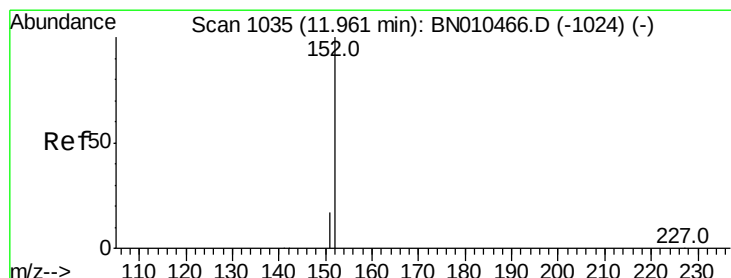
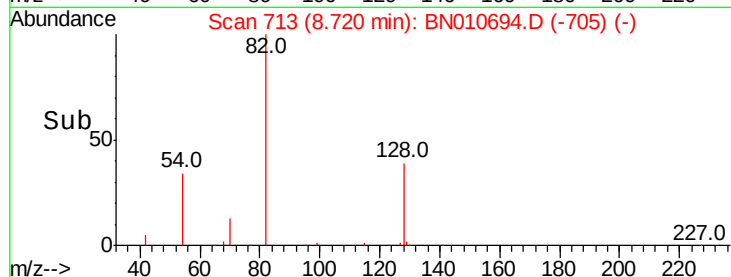
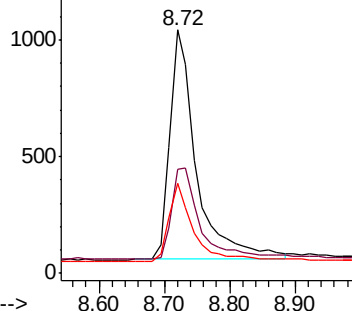
Tot Ion	82	Resp	2788
Ion Ratio	Lower	Upper	
82	100		
128	42.7	41.3	61.9
54	36.9	23.4	35.0



Abundance Ion 82.00 (81.70 to 82.70): BN010466.D (-711) (-)

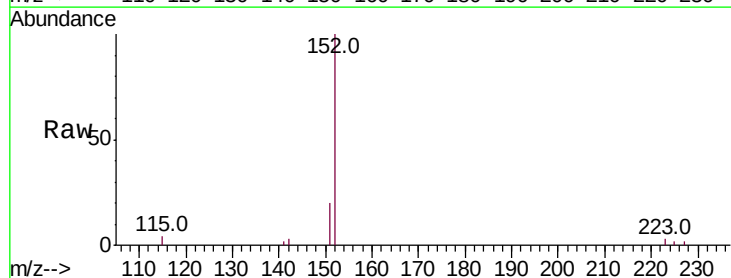
Ion 128.00 (127.70 to 128.70): BN010466.D (-711) (-)

Ion 54.00 (53.70 to 54.70): BN010466.D (-711) (-)



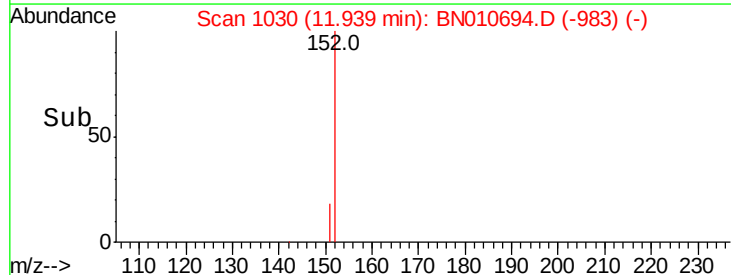
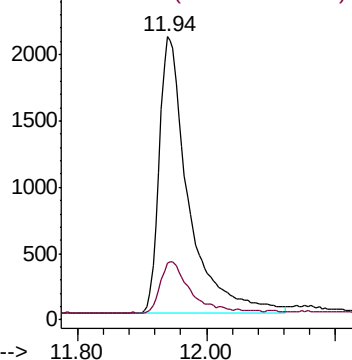
#11
 2-Methylnaphthalene-d10
 Concen: 0.237 ng
 RT: 11.94 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: BN010694.D
 Acq: 12 May 2020 10:45

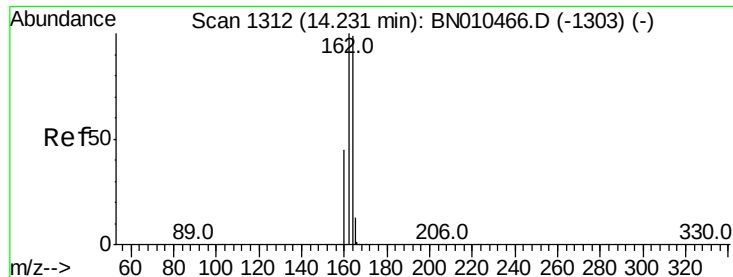
Tgt Ion	152	Resp	6573
Ion Ratio	Lower	Upper	
152	100		
151	18.5	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010466.D (-1024) (-)

Ion 151.00 (150.70 to 151.70): BN010466.D (-1024) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.21 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

PB128768BL

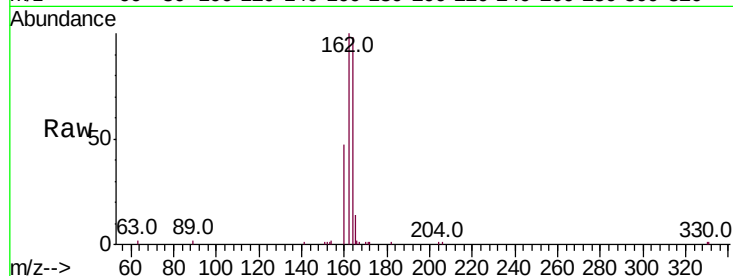
Tot Ion:164 Resp: 10924

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

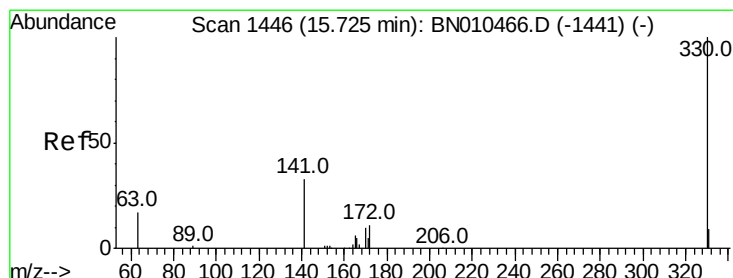
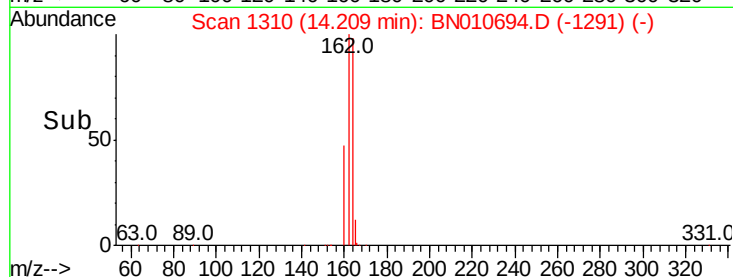
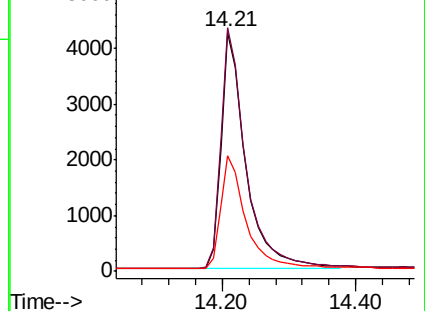
160 48.3 36.5 54.7



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: 0.147 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.03 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

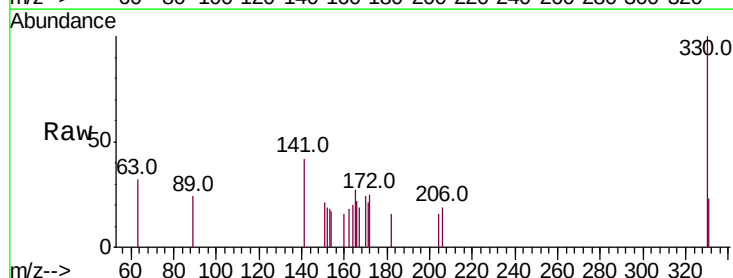
Tgt Ion:330 Resp: 756

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

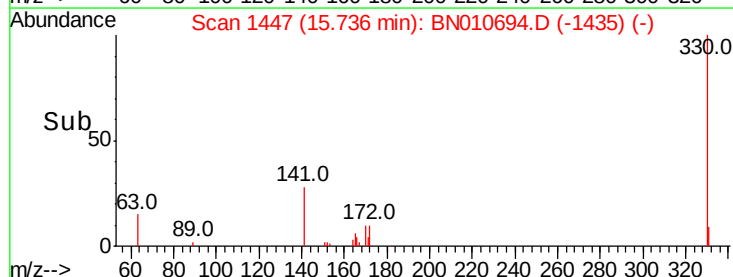
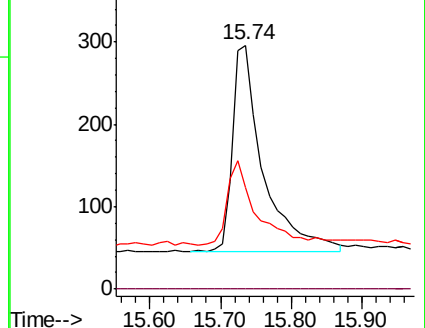
141 41.8 28.1 42.1

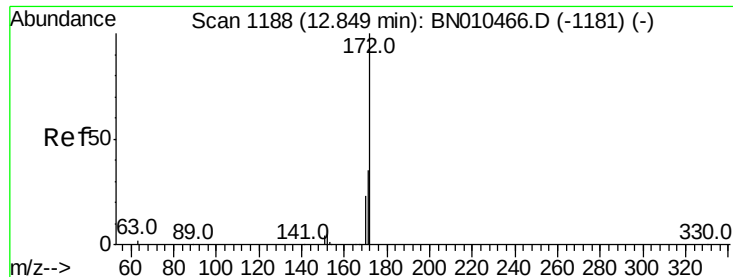


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

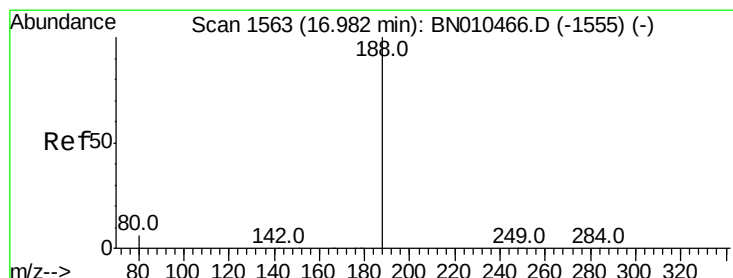
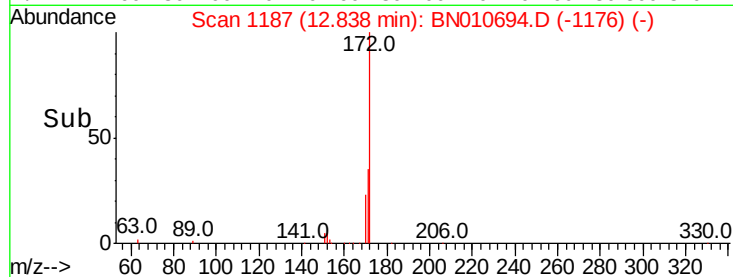
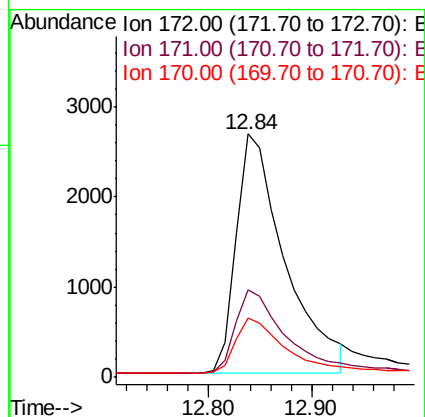
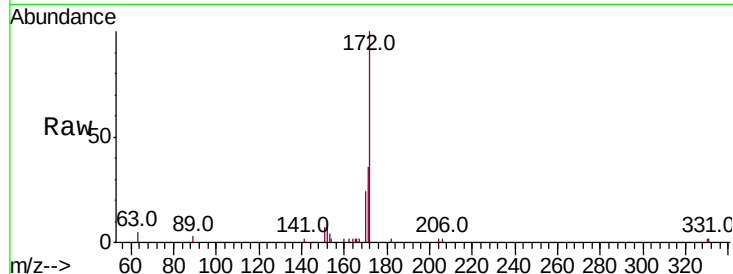




#15
 2-Fluorobiphenyl
 Concen: 0.219 ng
 RT: 12.84 min Scan# 1187
 Delta R.T. 0.02 min
 Lab File: BN010694.D
 Acq: 12 May 2020 10:45

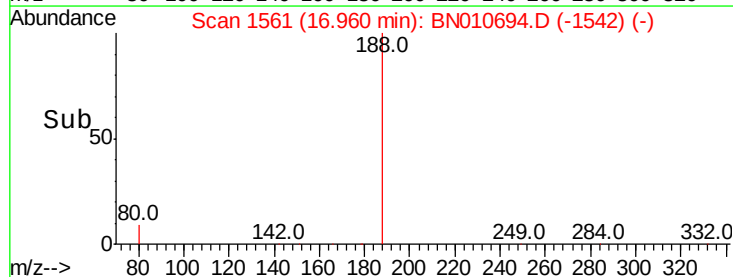
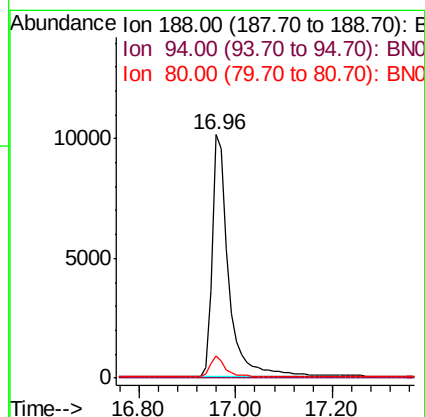
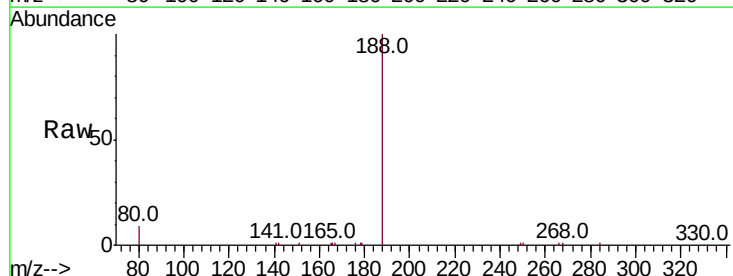
Instrument :
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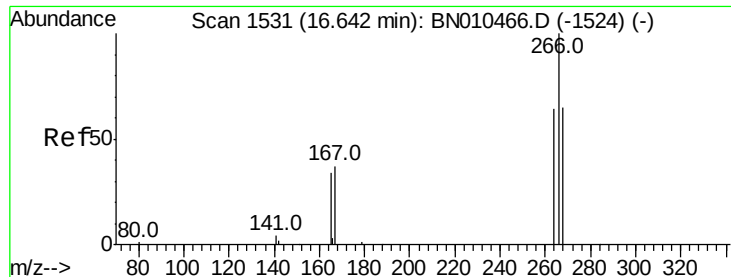
Tot Ion:172	Resp:	8698
Ion	Ratio	Lower Upper
172	100	
171	36.1	28.2 42.2
170	24.1	18.4 27.6



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.96 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BN010694.D
 Acq: 12 May 2020 10:45

Tgt Ion:188	Resp:	24169
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	9.0	5.0 7.6#

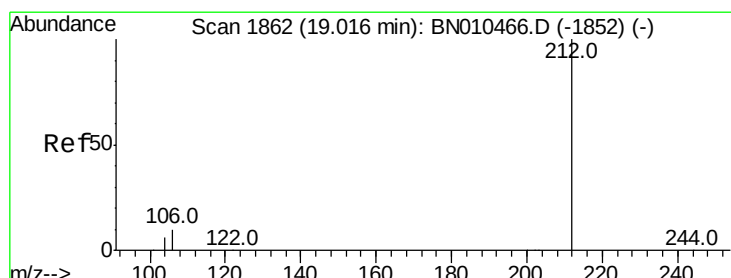
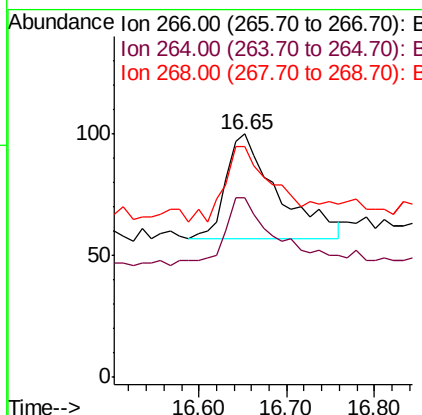
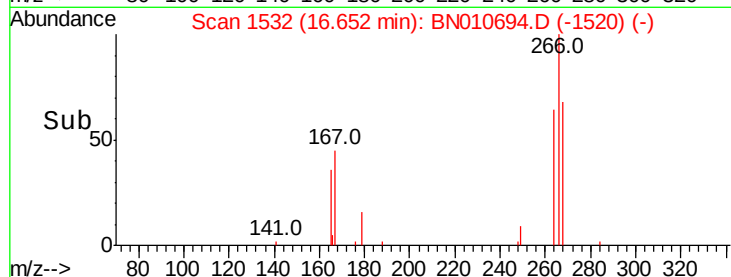
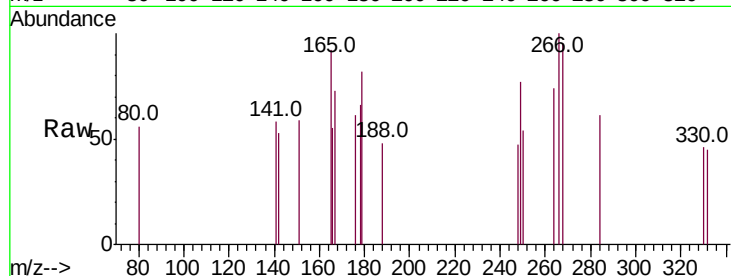




#22
 Pentachlorophenol
 Concen: 0.029 ng
 RT: 16.65 min Scan# 1532
 Delta R.T. 0.03 min
 Lab File: BN010694.D
 Acq: 12 May 2020 10:45

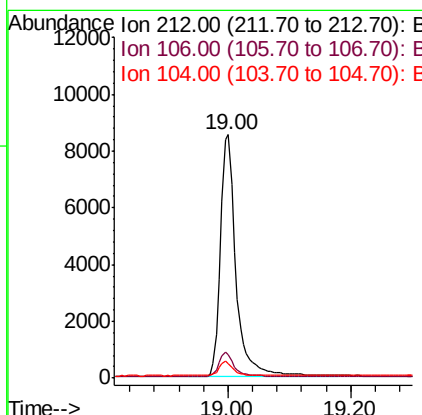
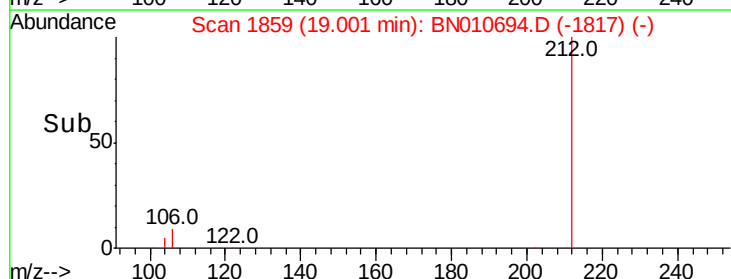
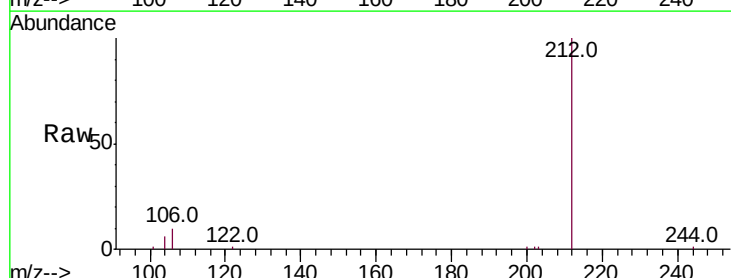
Instrument :
 BNA_N
 ClientSampleId :
 PB128768BL

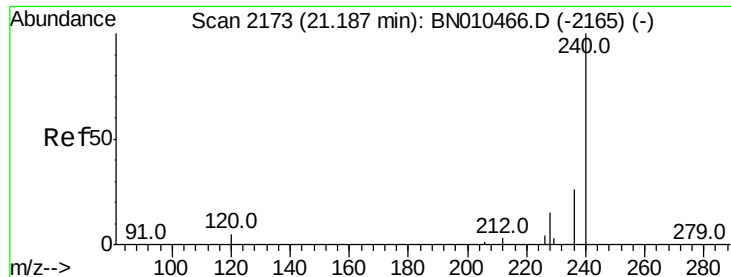
Tot Ion:266 Resp: 175
 Ion Ratio Lower Upper
 266 100
 264 74.0 51.8 77.6
 268 95.0 53.7 80.5#



#25
 Fluoranthene-d10
 Concen: 0.206 ng
 RT: 19.00 min Scan# 1859
 Delta R.T. 0.01 min
 Lab File: BN010694.D
 Acq: 12 May 2020 10:45

Tgt Ion:212 Resp: 15071
 Ion Ratio Lower Upper
 212 100
 106 9.6 7.8 11.6
 104 5.5 4.5 6.7





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

PB128768BL

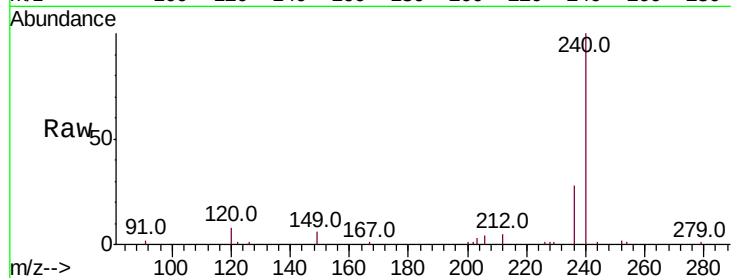
Tot Ion:240 Resp: 18561

Ion Ratio Lower Upper

240 100

120 8.4 4.8 7.2#

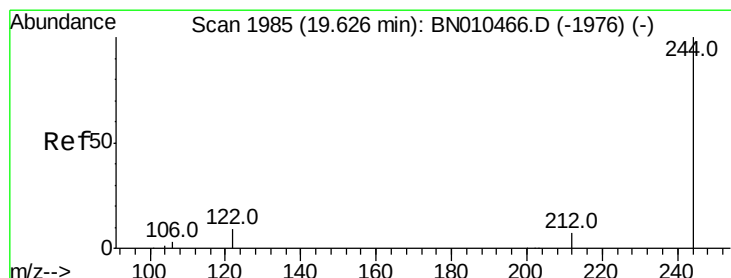
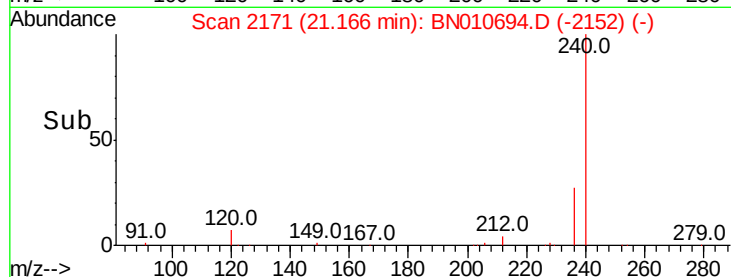
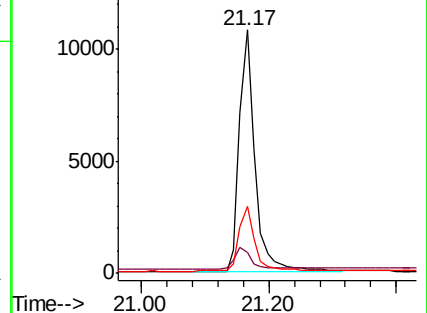
236 27.5 21.4 32.0



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



#29

Terphenyl-d14

Concen: 0.266 ng

RT: 19.61 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

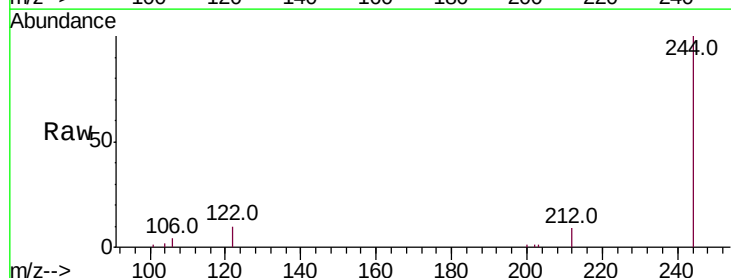
Tgt Ion:244 Resp: 11299

Ion Ratio Lower Upper

244 100

212 8.8 6.2 9.4

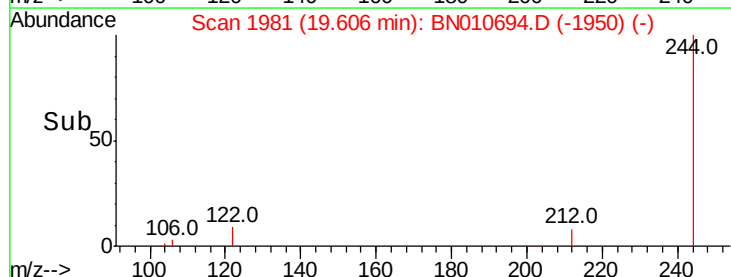
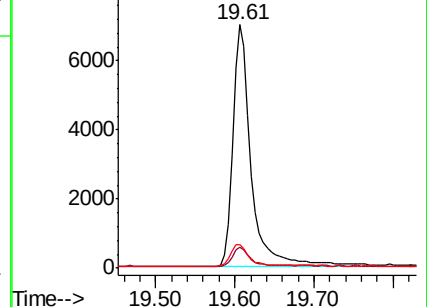
122 9.8 7.8 11.8

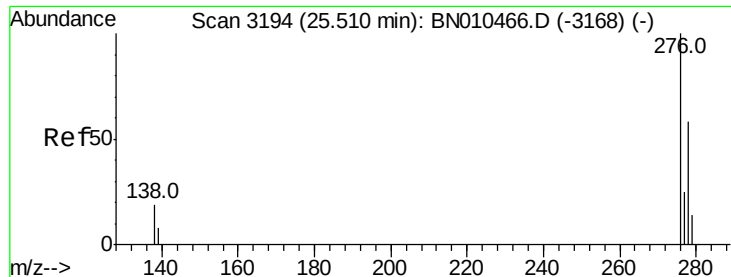


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.023 ng

RT: 25.49 min Scan# 3189

Delta R.T. 0.03 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

PB128768BL

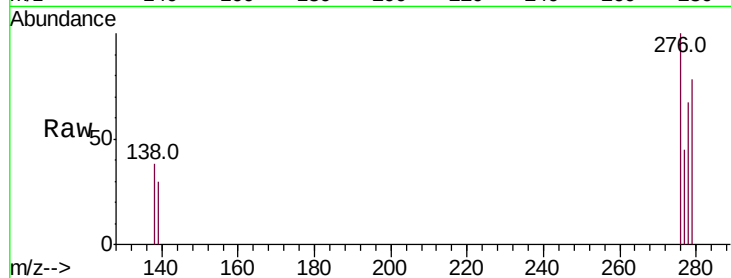
Tot Ion:276 Resp: 1226

Ion Ratio Lower Upper

276 100

138 7.3 16.4 24.6#

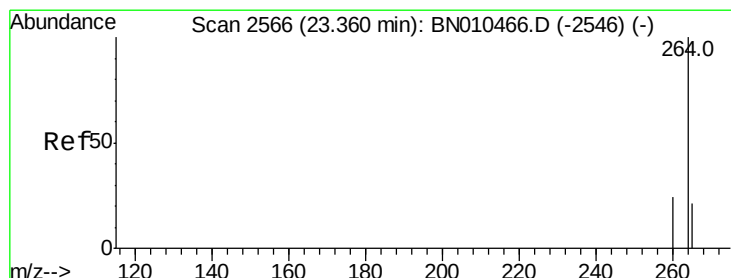
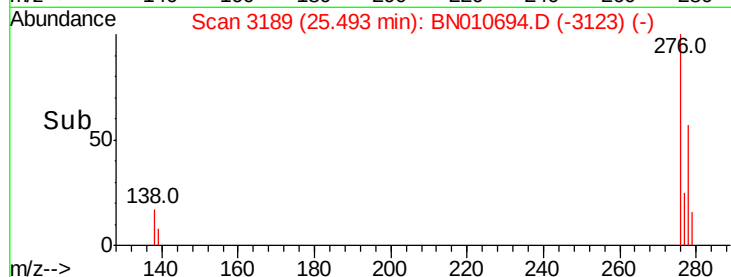
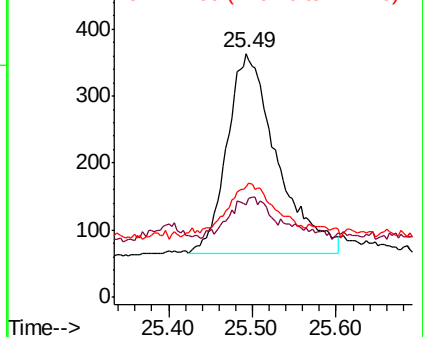
277 21.9 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.33 min Scan# 2558

Delta R.T. 0.01 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

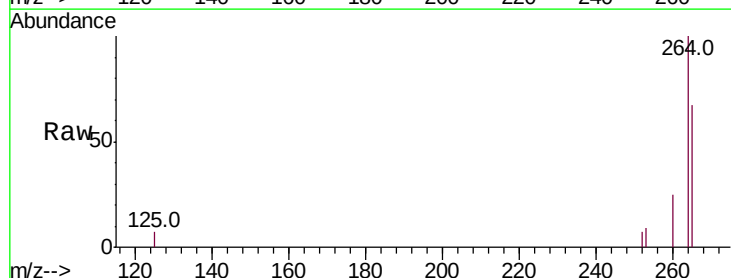
Tgt Ion:264 Resp: 17350

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

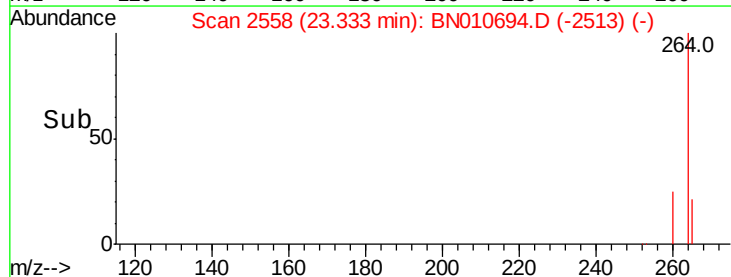
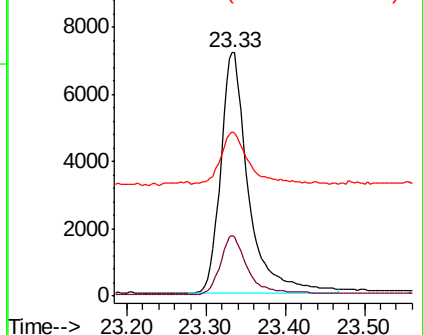
265 67.3 42.3 63.5#

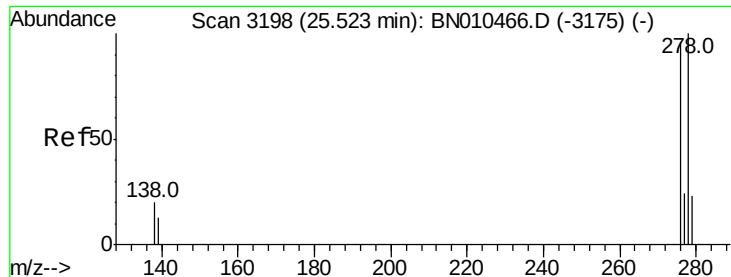


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.020 ng

RT: 25.51 min Scan# 3195

Delta R.T. 0.03 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

PB128768BL

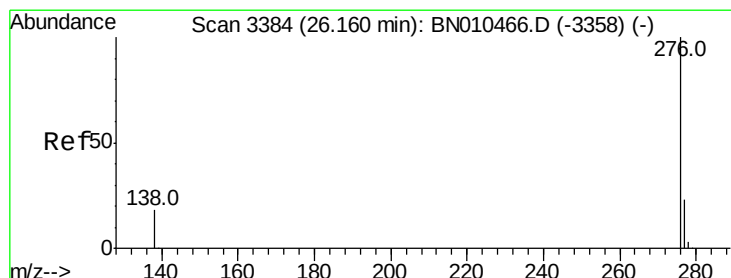
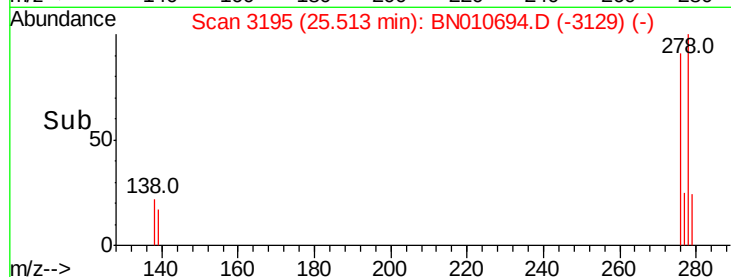
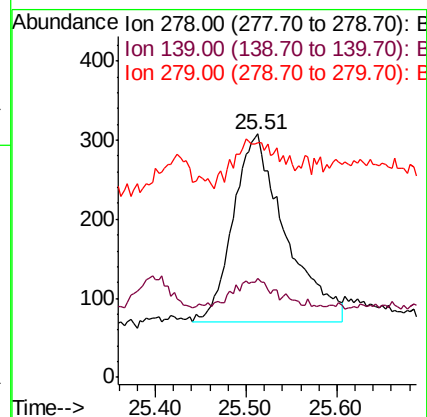
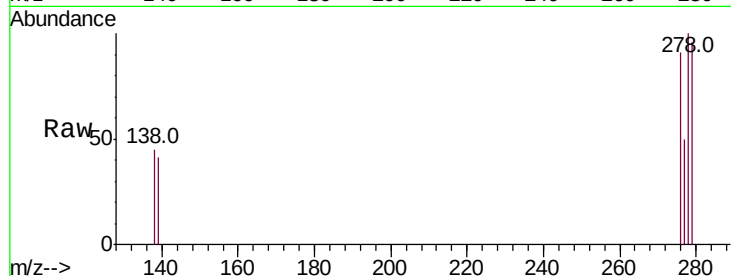
Tot Ion:278 Resp: 944

Ion Ratio Lower Upper

278 100

139 40.9 12.3 18.5#

279 96.4 21.9 32.9#



#39

Benzo(g,h,i)perylene

Concen: 0.023 ng

RT: 26.13 min Scan# 3376

Delta R.T. 0.02 min

Lab File: BN010694.D

Acq: 12 May 2020 10:45

Tgt Ion:276 Resp: 1054

Ion Ratio Lower Upper

276 100

277 46.6 20.2 30.2#

138 42.8 15.4 23.2#

