

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
 Data File : BN010796.D
 Acq On : 06 Jun 2020 00:43
 Operator : CG/JU
 Sample : L2854-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-1

Quant Time: Jun 06 01:27:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 22:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2166	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	7306	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4163	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	8980	0.40	ng	0.00
27) Chrysene-d12	21.13	240	9887	0.40	ng	-0.01
34) Perylene-d12	23.29	264	10891	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	539	0.12	ng	0.00
5) Phenol-d6	6.75	99	416	0.08	ng	0.00
8) Nitrobenzene-d5	8.69	82	1585	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	3203	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	472	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	5090	0.31	ng	-0.01
25) Fluoranthene-d10	18.97	212	9349	0.38	ng	0.00
29) Terphenyl-d14	19.58	244	7906	0.36	ng	0.00

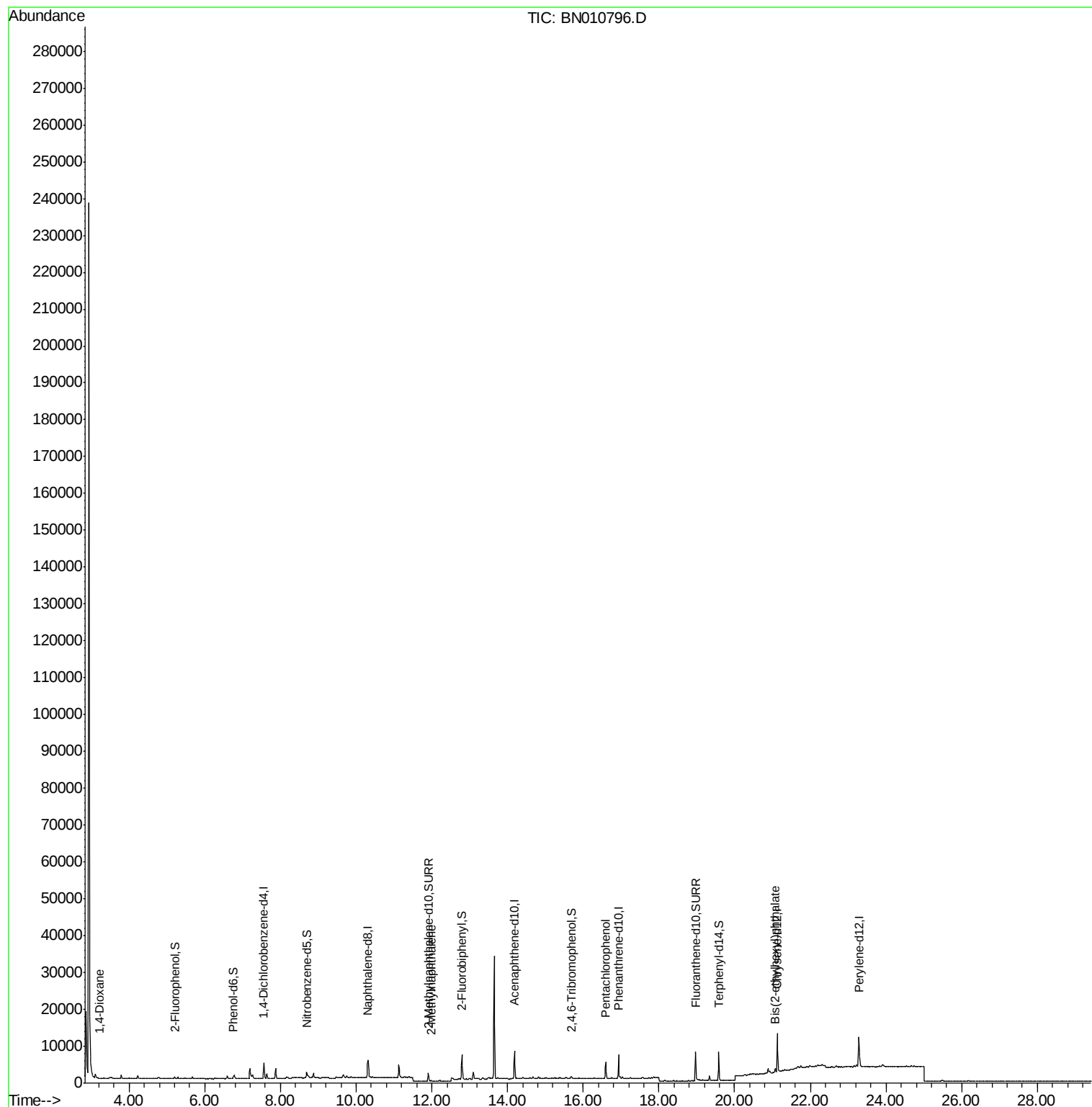
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	46	0.021	ng	# 37
12) 2-Methylnaphthalene	11.98	142	322	0.027	ng	# 90
22) Pentachlorophenol	16.59	266	2259	1.200	ng	96
32) Bis(2-ethylhexyl)phthalate	21.08	149	1012	0.106	ng	97

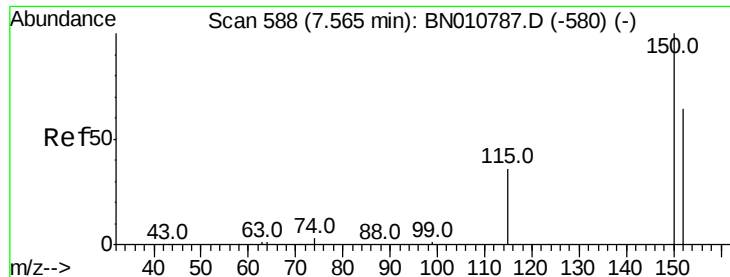
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 588

Delta R.T. -0.00 min

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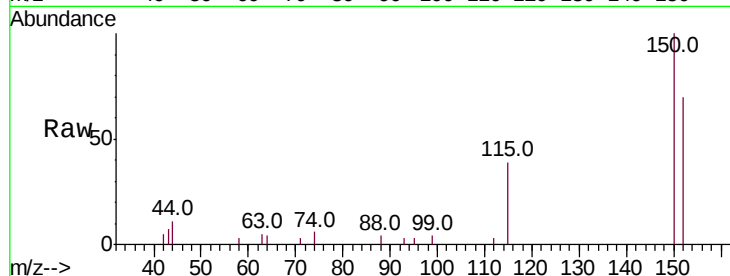
Tot Ion:152 Resp: 2166

Ion Ratio Lower Upper

152 100

150 143.5 123.6 185.4

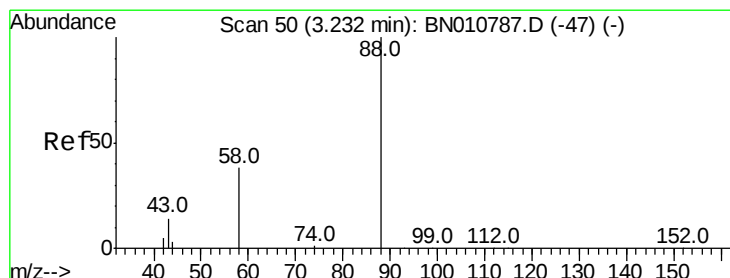
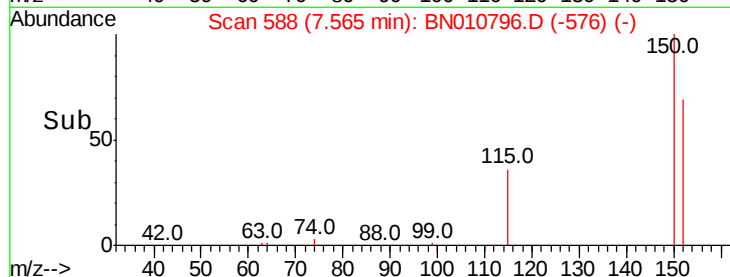
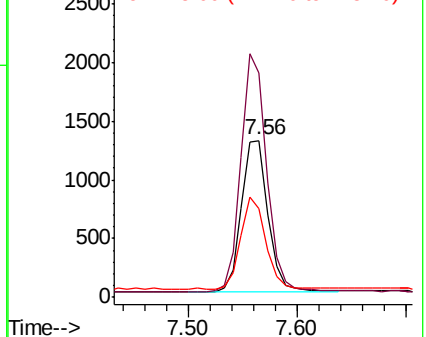
115 56.4 47.6 71.4



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



#2

1,4-Dioxane

Concen: 0.021 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.02 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

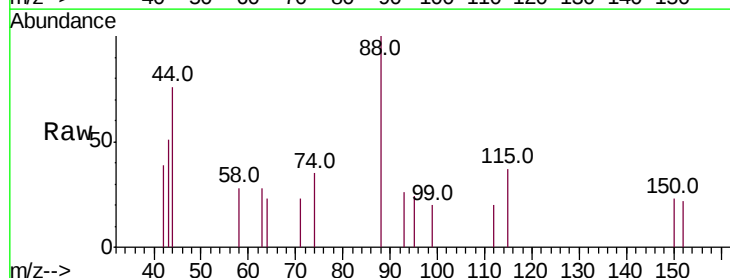
Tgt Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

58 0.0 38.8 58.2#

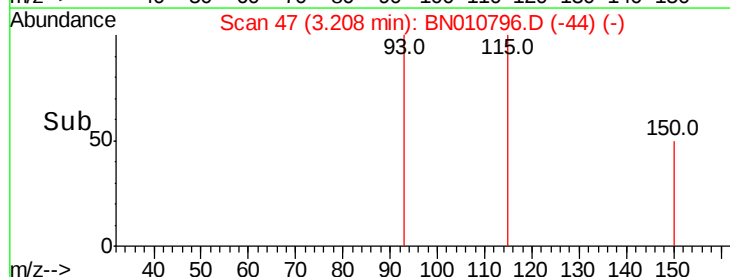
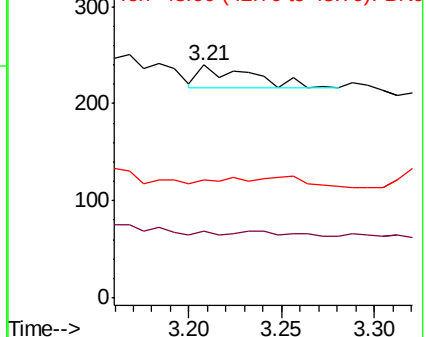
43 0.0 15.9 23.9#

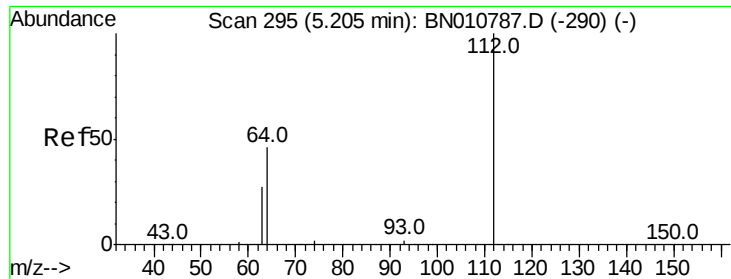


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.125 ng

RT: 5.21 min Scan# 295

Delta R.T. -0.00 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

Instrument :

BNA_N

ClientSampleId :

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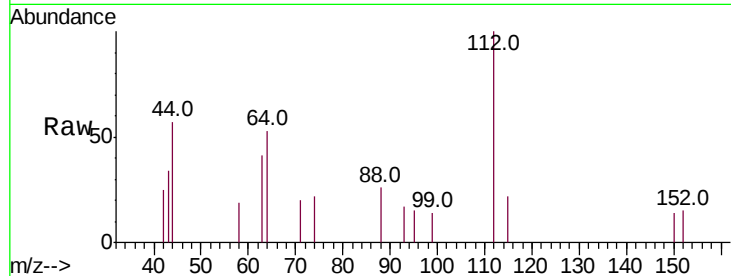
Tot Ion:112 Resp: 539

Ion Ratio Lower Upper

112 100

64 43.4 35.8 53.8

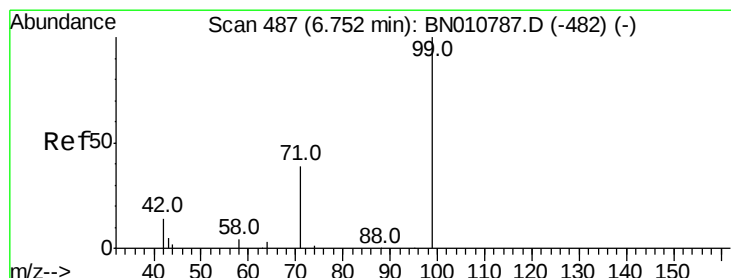
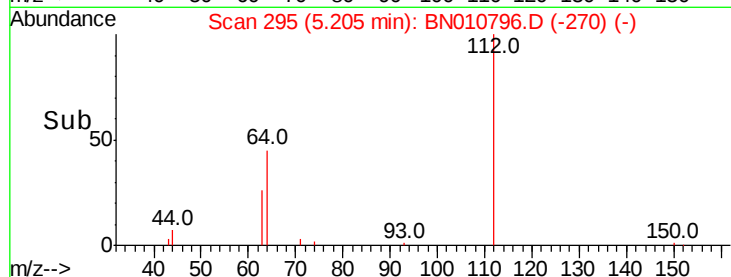
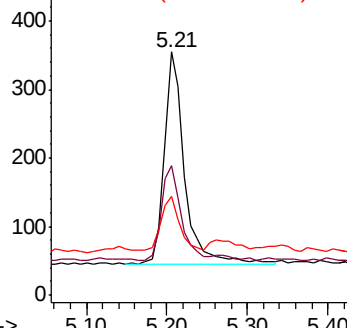
63 24.7 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.081 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

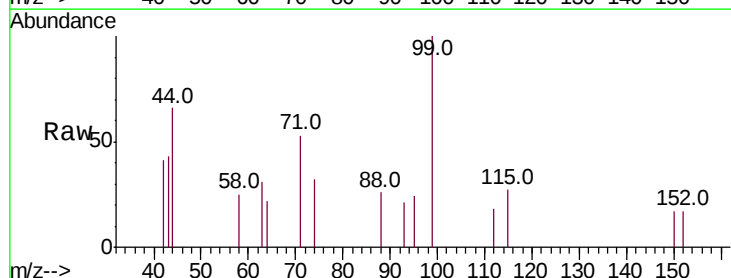
Tgt Ion: 99 Resp: 416

Ion Ratio Lower Upper

99 100

42 8.4 11.1 16.7#

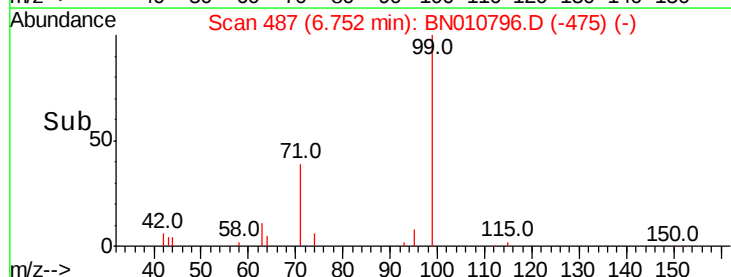
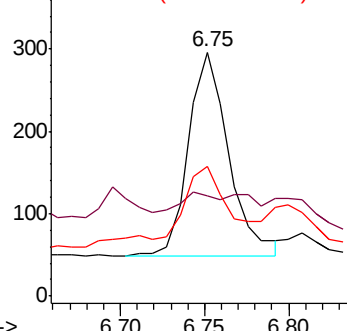
71 47.6 30.6 46.0#

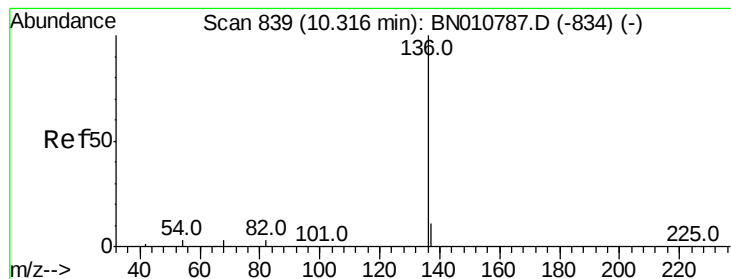


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

Instrument :

BNA_N

ClientSampleId :

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Tot Ion:136 Resp: 7306

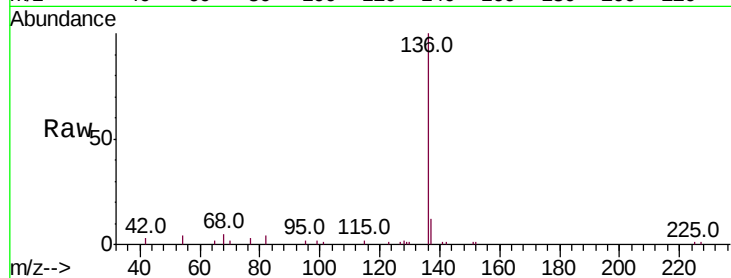
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 4.5 3.3 4.9

68 4.6 3.4 5.2

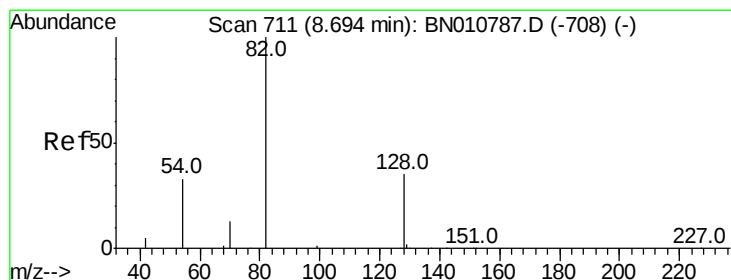
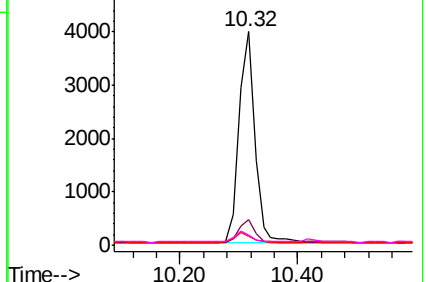
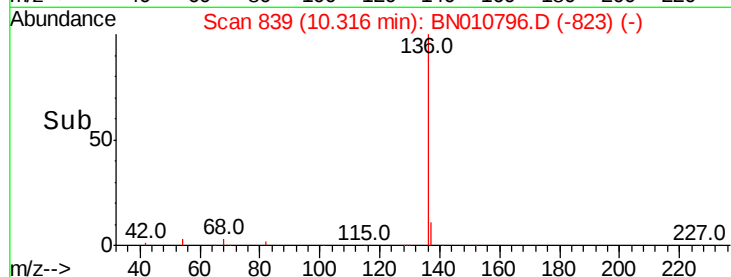


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.296 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.00 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

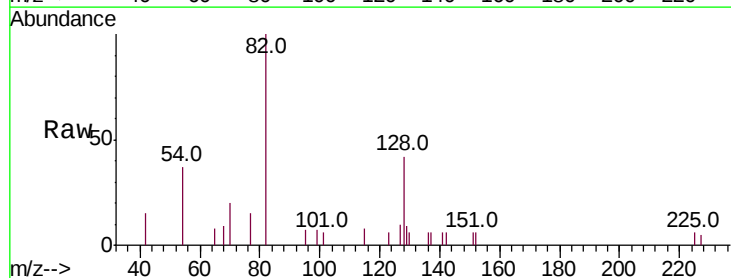
Tgt Ion: 82 Resp: 1585

Ion Ratio Lower Upper

82 100

128 41.9 31.4 47.0

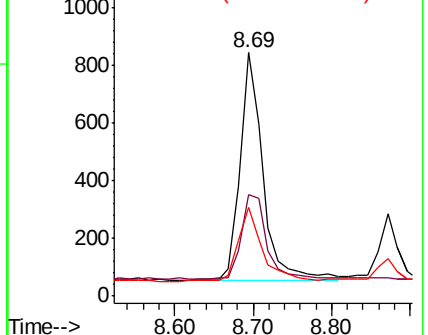
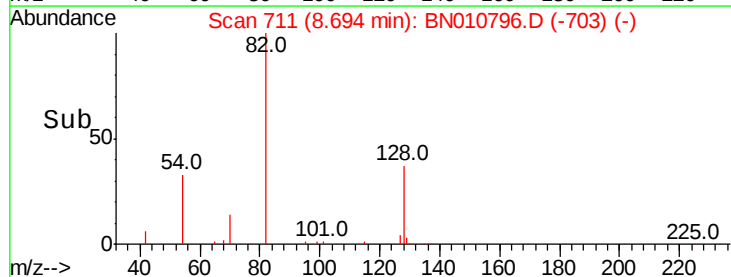
54 36.6 28.9 43.3

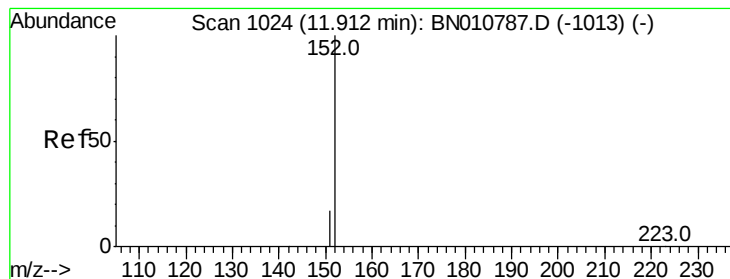


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

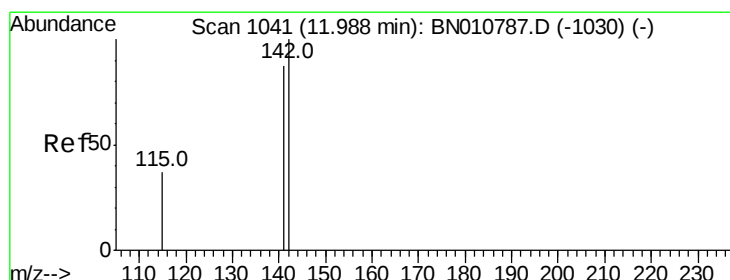
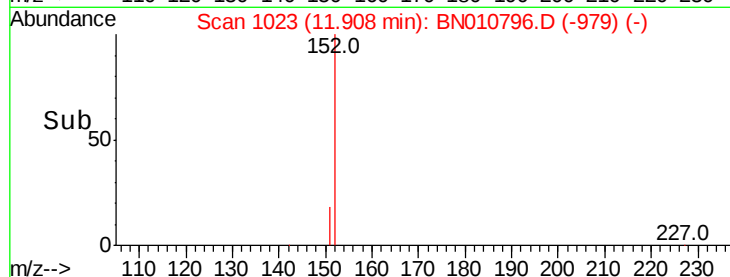
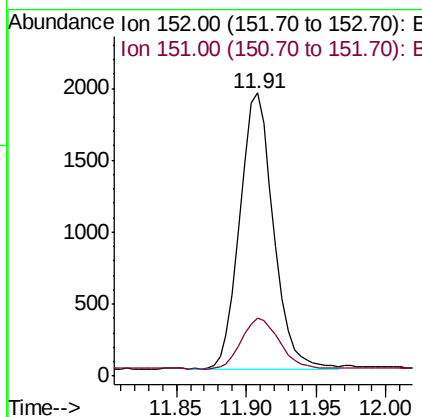
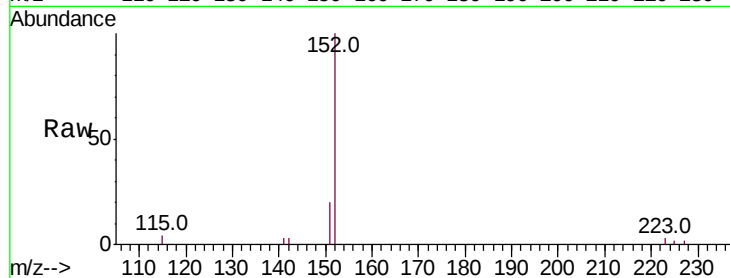




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 11.91 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BN010796.D
Acq: 06 Jun 2020 00:43

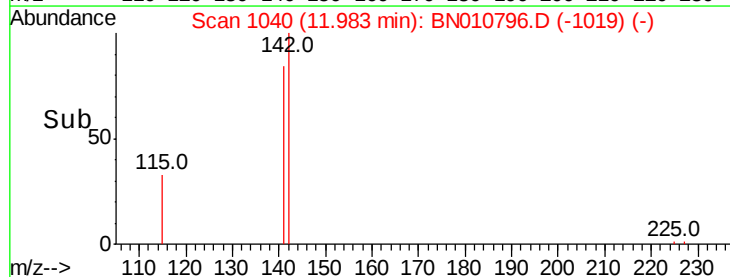
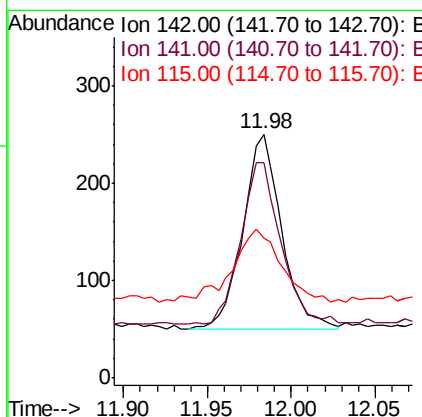
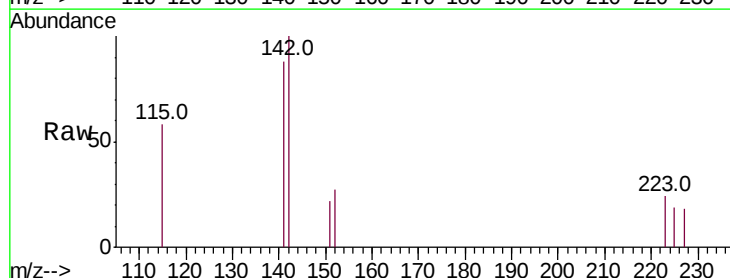
Instrument :
BNA_N
ClientSampleId :
W-1

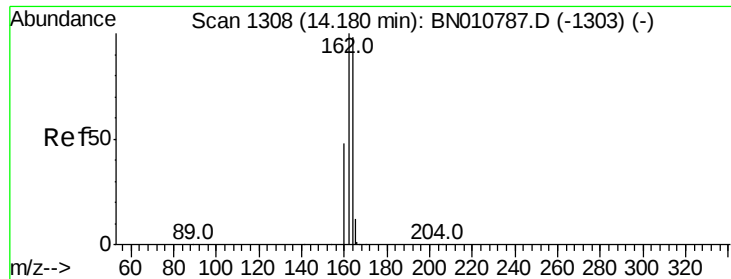
Tot Ion:152 Resp: 3203
Ion Ratio Lower Upper
152 100
151 20.8 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BN010796.D
Acq: 06 Jun 2020 00:43

Tgt Ion:142 Resp: 322
Ion Ratio Lower Upper
142 100
141 88.4 69.8 104.6
115 57.6 31.0 46.6#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

Instrument :

BNA_N

ClientSampleId :

W-1

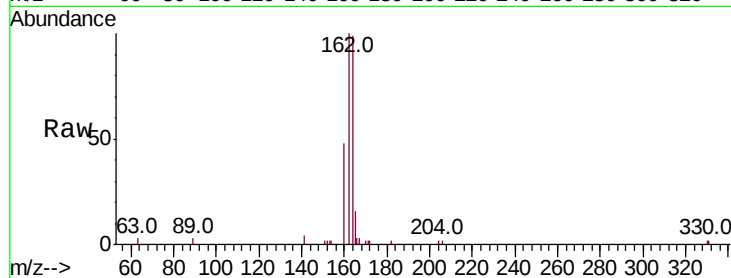
Tot Ion:164 Resp: 4163

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.8

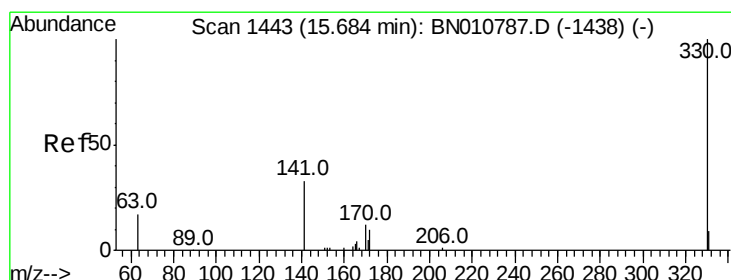
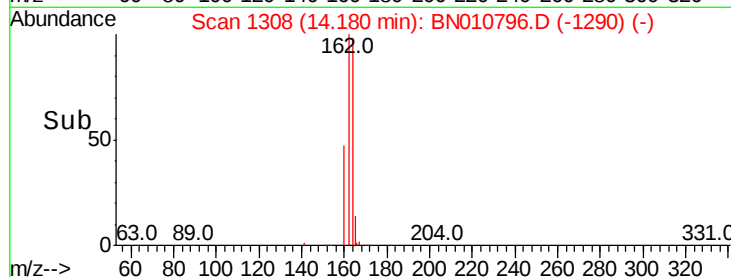
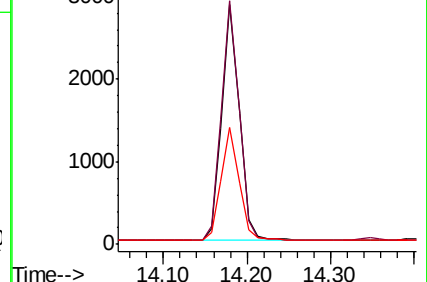
160 48.7 40.2 60.2



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



#14

2,4,6-Tribromophenol

Concen: 0.324 ng

RT: 15.68 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

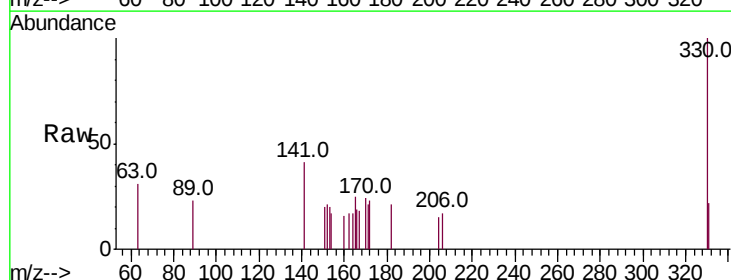
Tgt Ion:330 Resp: 472

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

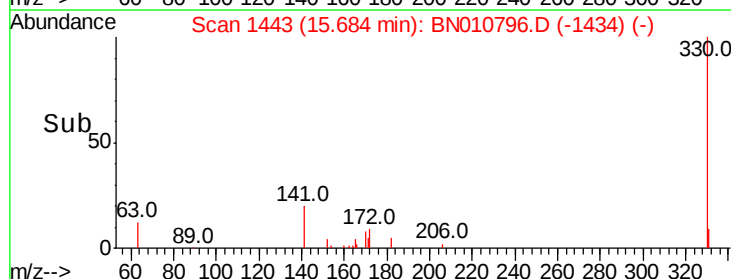
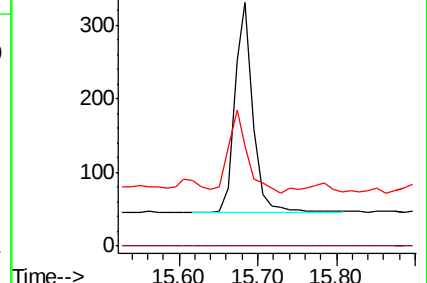
141 41.3 32.1 48.1

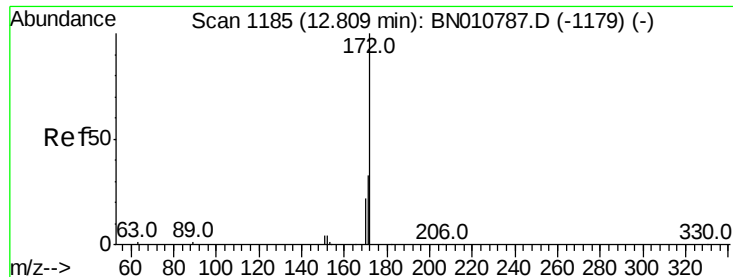


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

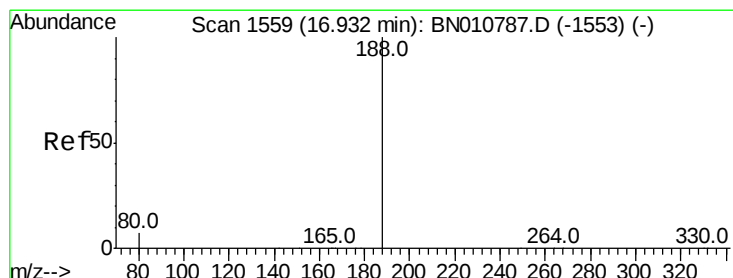
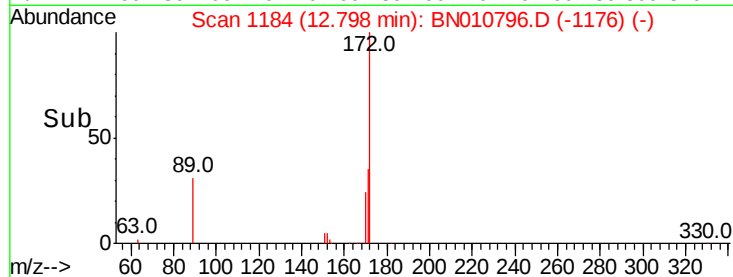
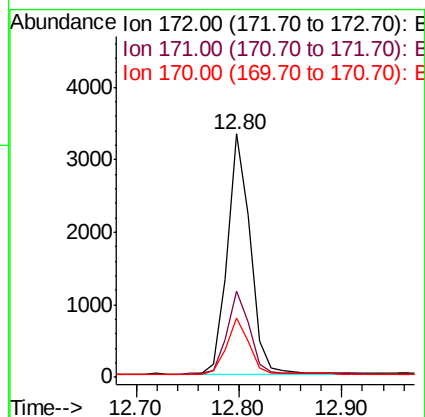
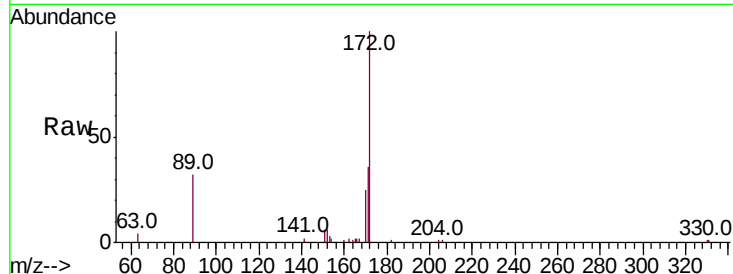




#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BN010796.D
Acq: 06 Jun 2020 00:43

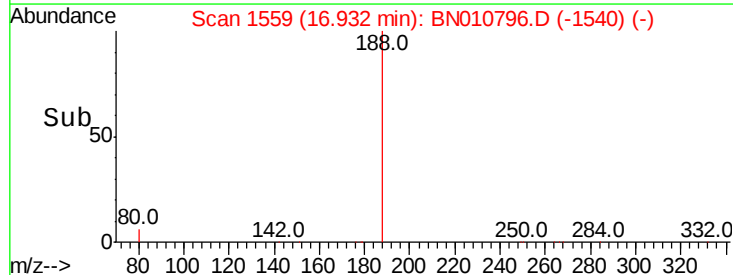
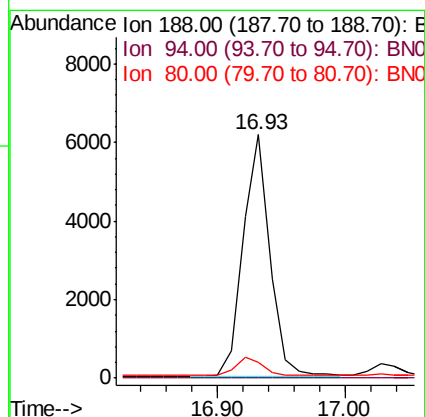
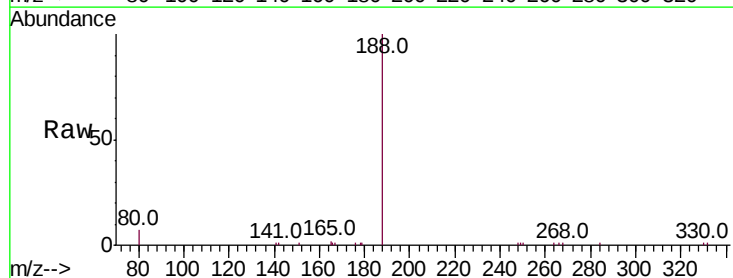
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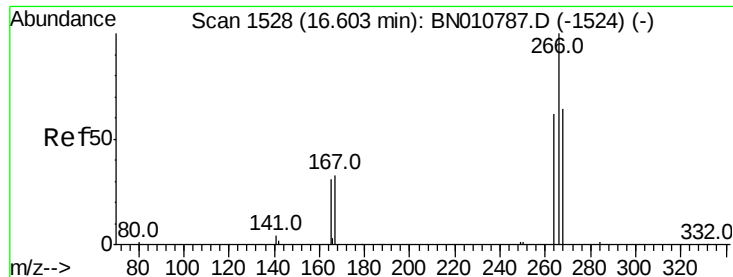
Tot Ion:172 Resp: 5090
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 24.6 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN010796.D
Acq: 06 Jun 2020 00:43

Tgt Ion:188 Resp: 8980
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 5.9 8.9

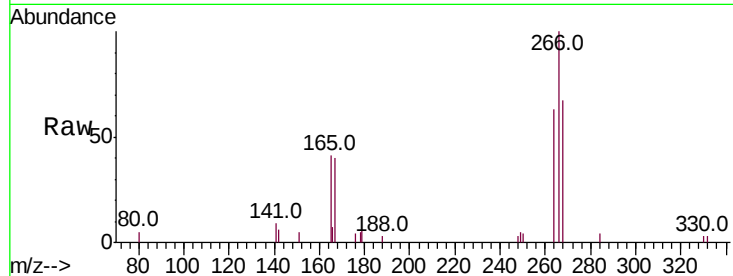




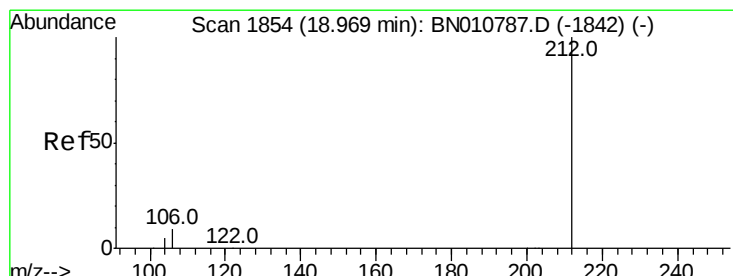
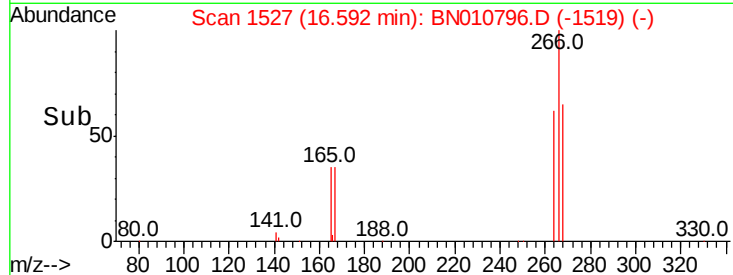
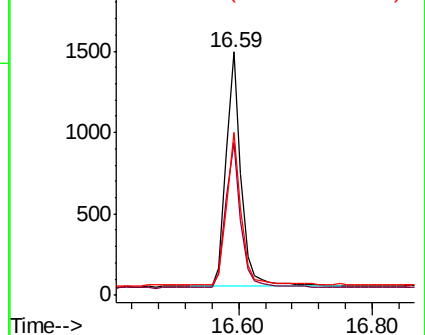
#22
 Pentachlorophenol
 Concen: 1.200 ng
 RT: 16.59 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BN010796.D
 Acq: 06 Jun 2020 00:43

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 ClientSampleId :
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Tot Ion:266 Resp: 2259
 Ion Ratio Lower Upper
 266 100
 264 62.6 52.5 78.7
 268 66.7 56.1 84.1

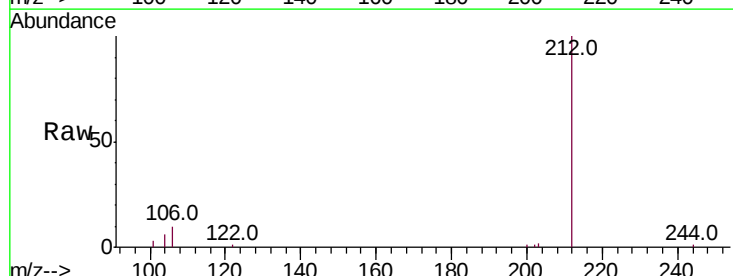


Abundance Ion 266.00 (265.70 to 266.70): E
 2000 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

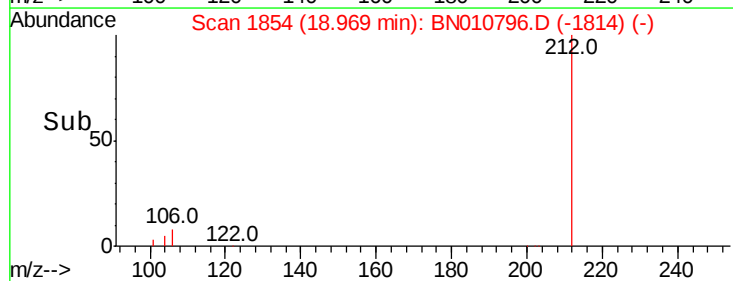
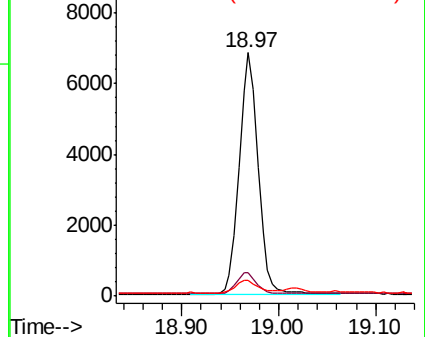


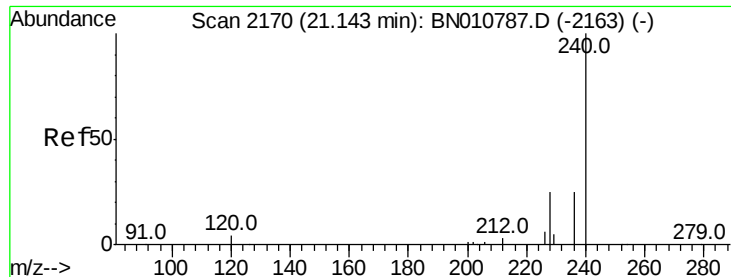
#25
 Fluoranthene-d10
 Concen: 0.375 ng
 RT: 18.97 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BN010796.D
 Acq: 06 Jun 2020 00:43

Tgt Ion:212 Resp: 9349
 Ion Ratio Lower Upper
 212 100
 106 8.9 7.1 10.7
 104 6.1 4.1 6.1



Abundance Ion 212.00 (211.70 to 212.70): E
 8000 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

Instrument :

BNA_N

ClientSampleId :

W-1

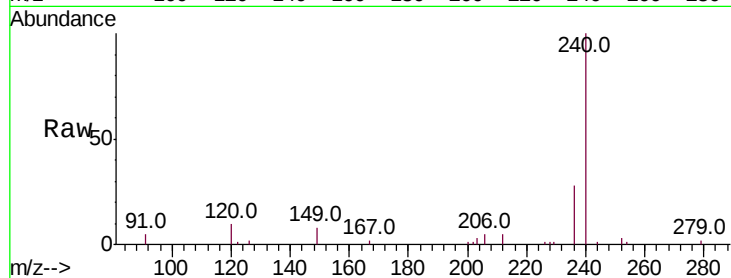
Tot Ion:240 Resp: 9887

Ion Ratio Lower Upper

240 100

120 9.5 5.2 7.8#

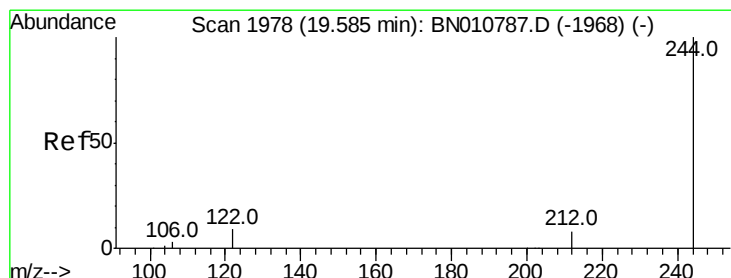
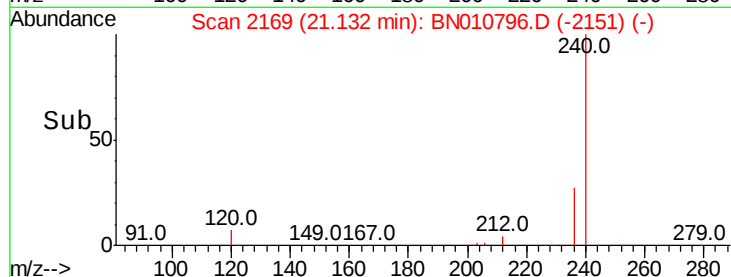
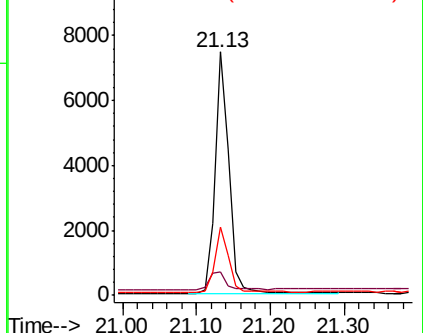
236 27.8 21.3 31.9



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: 0.359 ng

RT: 19.58 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BN010796.D

Acq: 06 Jun 2020 00:43

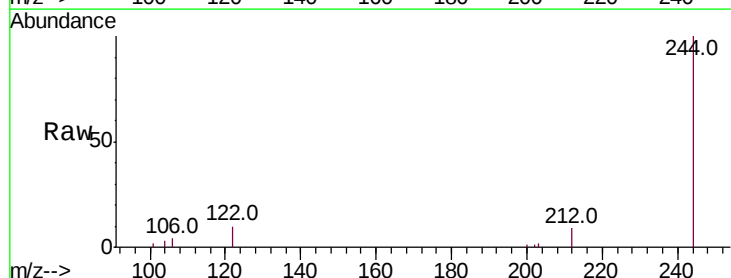
Tgt Ion:244 Resp: 7906

Ion Ratio Lower Upper

244 100

212 8.8 7.2 10.8

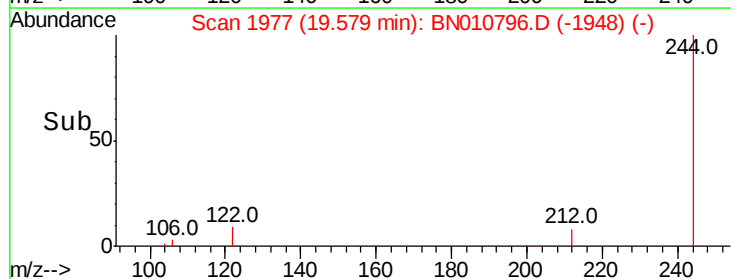
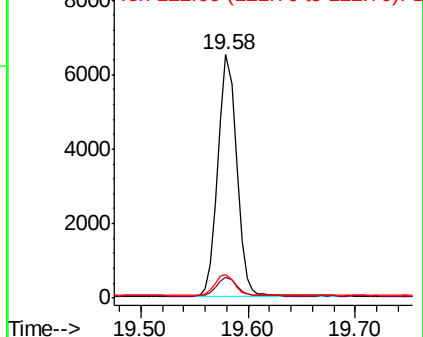
122 9.9 7.8 11.6

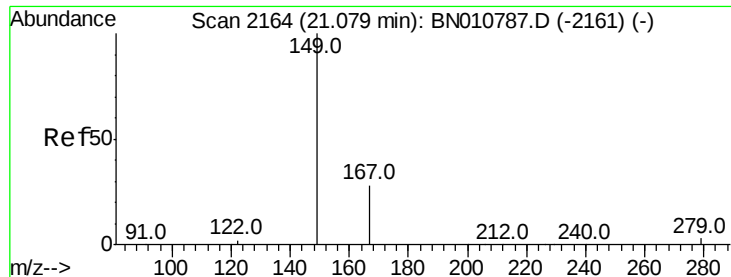


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

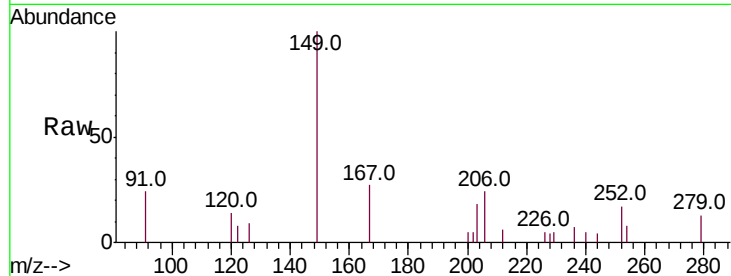




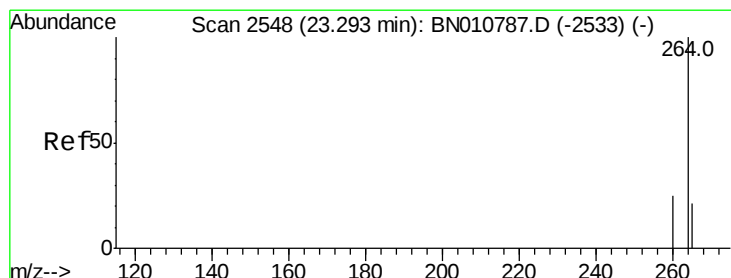
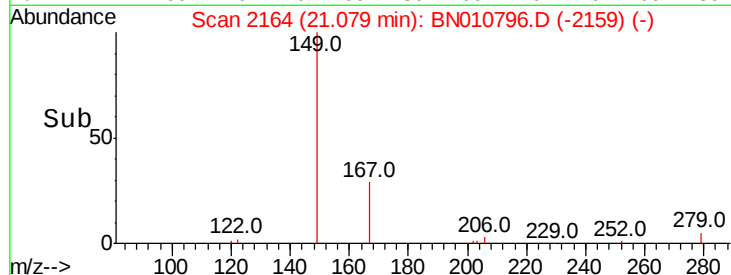
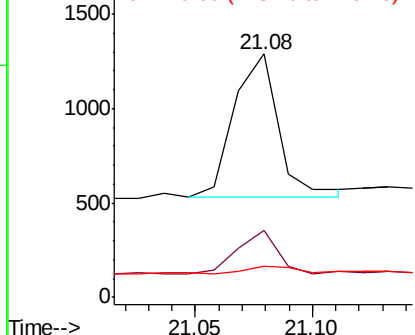
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.106 ng
RT: 21.08 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BN010796.D
Acq: 06 Jun 2020 00:43

Instrument :
BNA_N
ClientSampleId :
W-1

Tot Ion:149 Resp: 1012
Ion Ratio Lower Upper
149 100
167 27.0 22.9 34.3
279 5.9 4.2 6.2

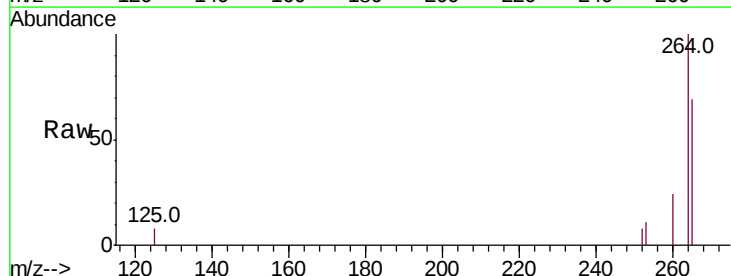


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BN010796.D
Acq: 06 Jun 2020 00:43

Tgt Ion:264 Resp: 10891
Ion Ratio Lower Upper
264 100
260 24.0 20.3 30.5
265 69.3 61.7 92.5



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

