

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009796.D
 Acq On : 21 Feb 2020 01:35
 Operator : CG/JU
 Sample : L1564-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 02:51:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1331	0.40	ng	0.00
7) Naphthalene-d8	10.18	136	4417	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	2628	0.40	ng	-0.01
19) Phenanthrene-d10	16.82	188	5471	0.40	ng	0.00
27) Chrysene-d12	21.03	240	5515	0.40	ng	-0.01
34) Perylene-d12	23.13	264	5493	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	564	0.19	ng	-0.02
5) Phenol-d6	6.64	99	372	0.10	ng	0.00
8) Nitrobenzene-d5	8.59	82	1778	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	11.78	152	2681	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.58	330	328	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	5061	0.51	ng	-0.01
25) Fluoranthene-d10	18.85	212	6429	0.34	ng	0.00
29) Terphenyl-d14	19.46	244	9188	0.70	ng	-0.02

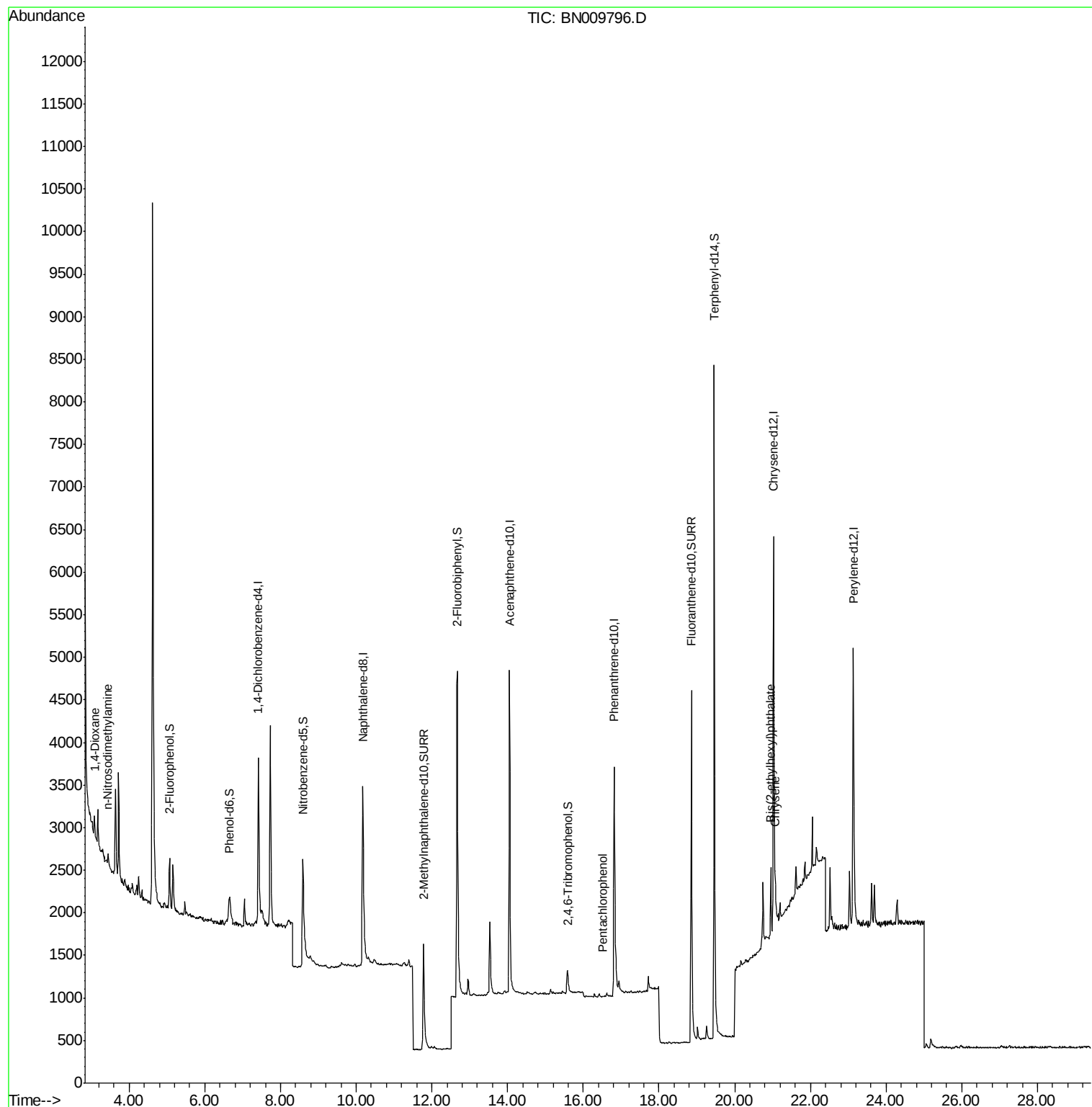
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.09	88	107	0.078	ng	# 30
3) n-Nitrosodimethylamine	3.44	42	50	0.022	ng	# 15
20) 4-Bromophenyl-phenylether	16.02	248	212	Below Cal		# 72
22) Pentachlorophenol	16.51	266	4	0.182	ng	# 73
31) Chrysene	21.07	228	569	0.027	ng	# 75
32) Bis(2-ethylhexyl)phthalate	20.95	149	756	0.085	ng	93

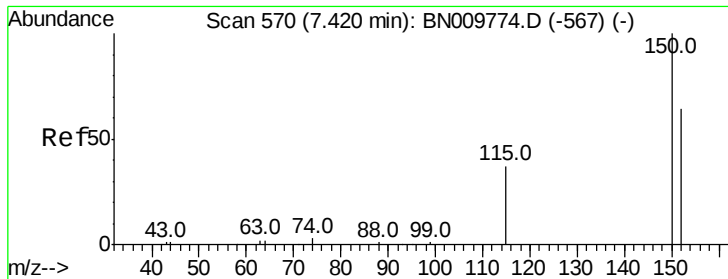
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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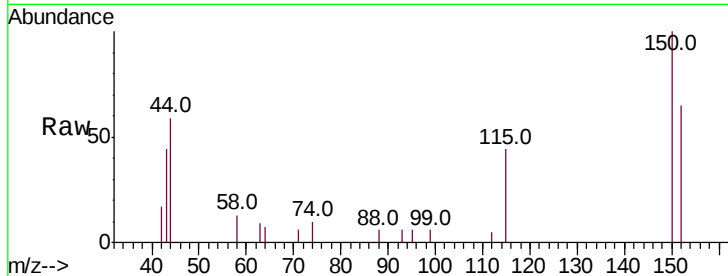


#1

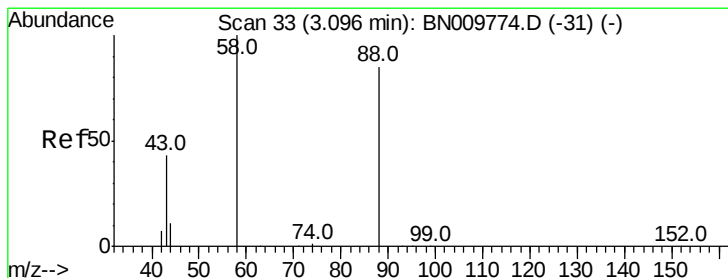
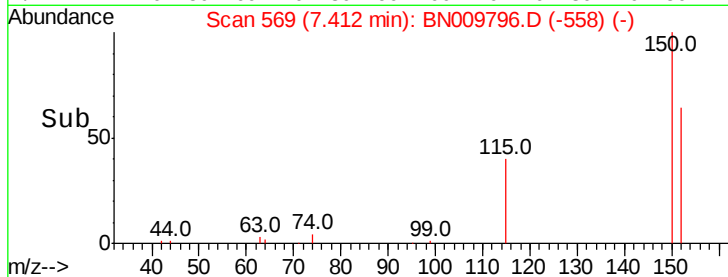
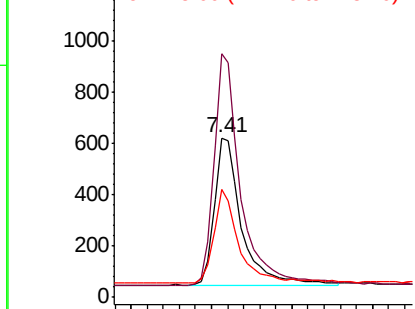
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009796.D
Acq: 21 Feb 2020 01:35

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1331
Ion Ratio Lower Upper
152 100
150 152.8 120.6 181.0
115 67.8 51.2 76.8



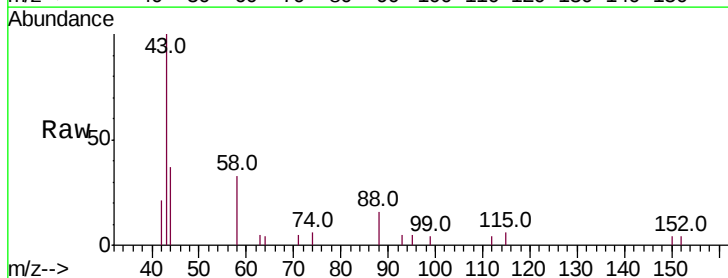
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



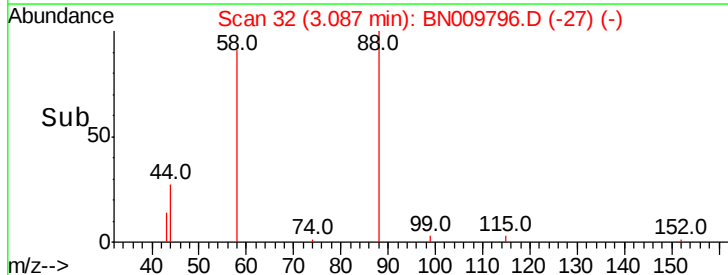
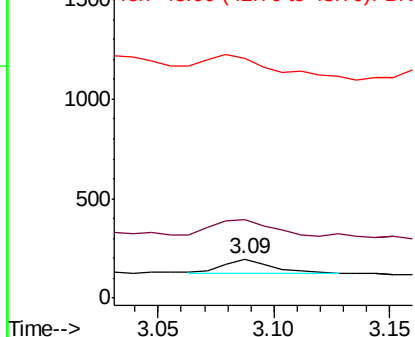
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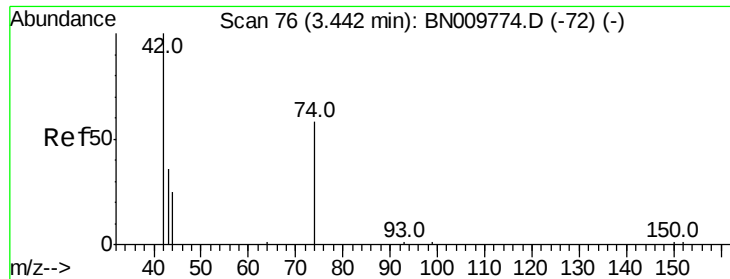
1,4-Dioxane
Concen: 0.078 ng
RT: 3.09 min Scan# 32
Delta R.T. -0.01 min
Lab File: BN009796.D
Acq: 21 Feb 2020 01:35

Tgt Ion: 88 Resp: 107
Ion Ratio Lower Upper
88 100
58 134.6 97.8 146.8
43 200.9 45.1 67.7#



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





#3

n-Nitrosodimethylamine

Concen: 0.022 ng

RT: 3.44 min Scan# 76

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampled :

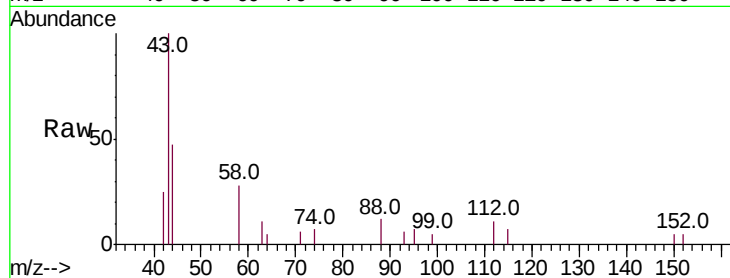
Tot Ion: 42 Resp: 50

Ion Ratio Lower Upper

42 100

74 0.0 51.2 76.8#

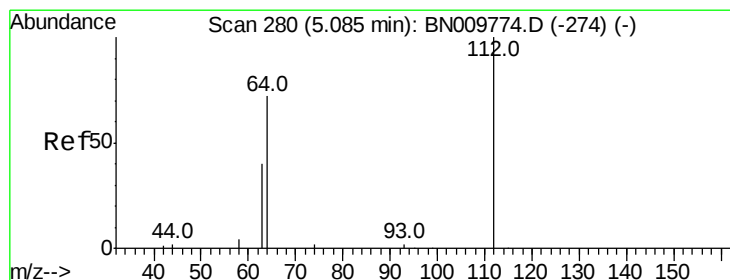
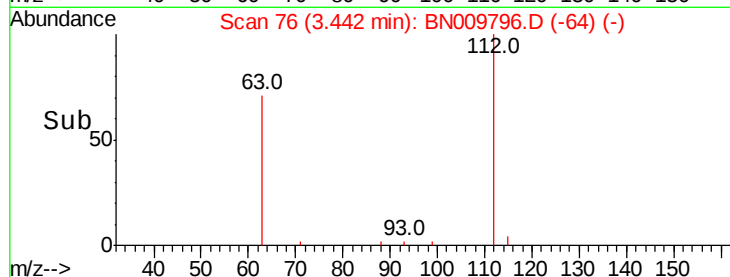
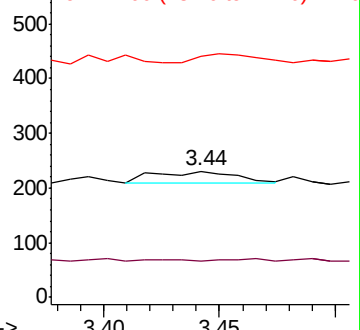
44 54.0 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.191 ng

RT: 5.07 min Scan# 278

Delta R.T. -0.02 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

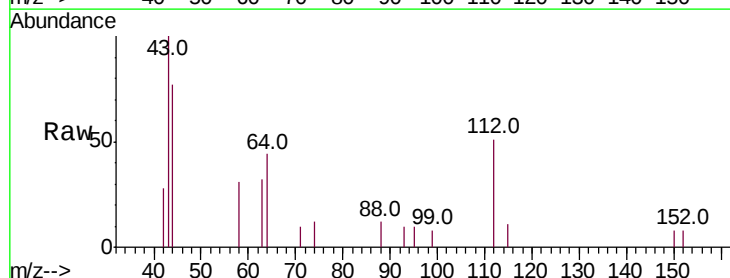
Tgt Ion: 112 Resp: 564

Ion Ratio Lower Upper

112 100

64 78.0 65.8 98.6

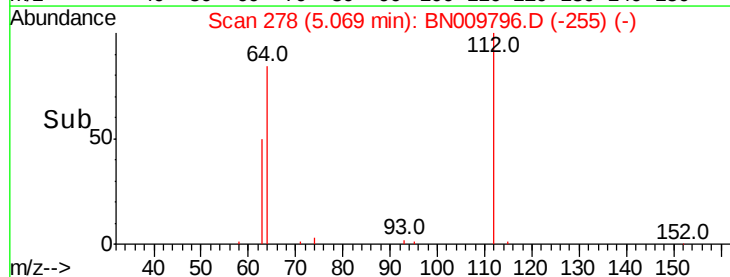
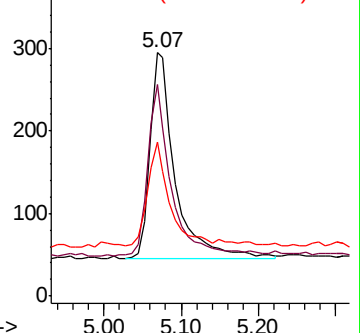
63 43.4 38.7 58.1

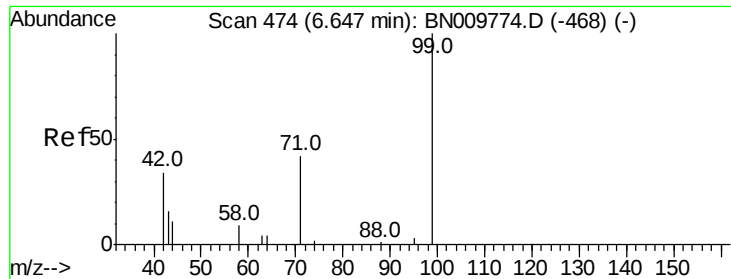


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.103 ng

RT: 6.64 min Scan# 473

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

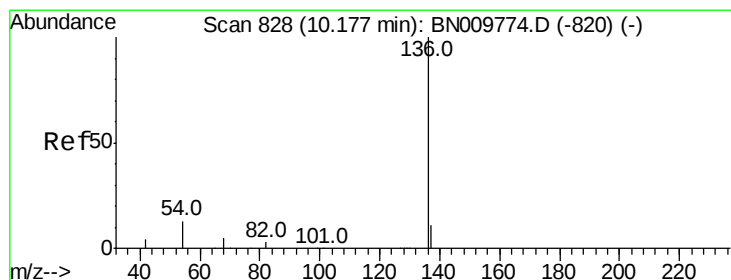
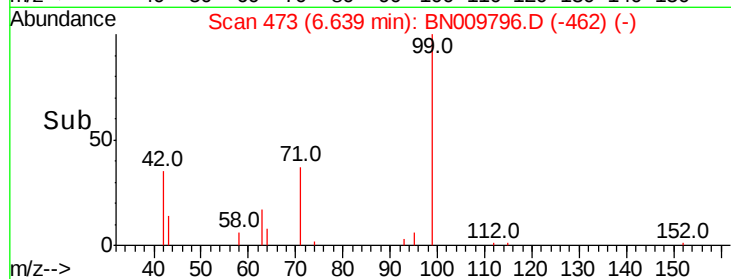
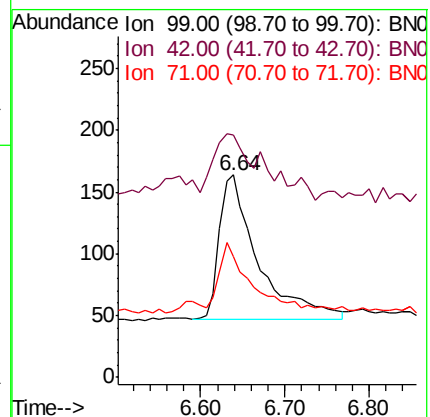
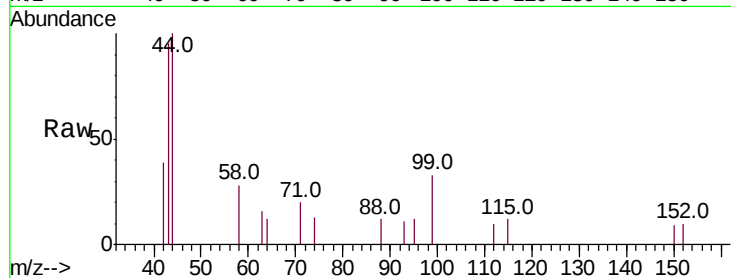
Tot Ion: 99 Resp: 372

Ion Ratio Lower Upper

99 100

42 32.5 30.8 46.2

71 40.9 34.9 52.3



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Tgt Ion: 136 Resp: 4417

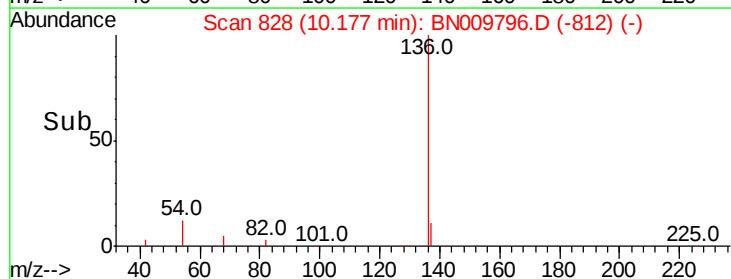
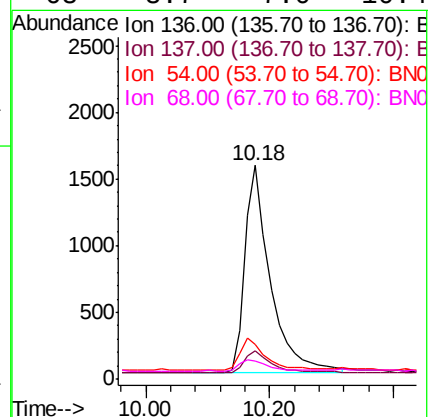
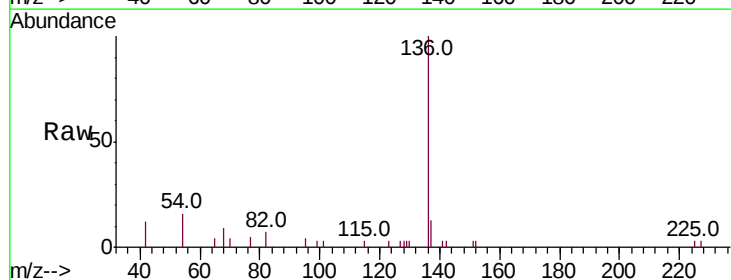
Ion Ratio Lower Upper

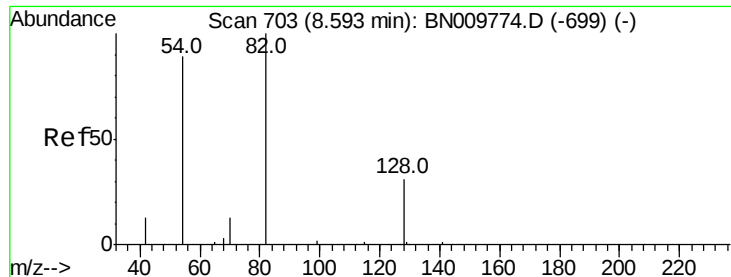
136 100

137 13.5 11.3 16.9

54 16.3 13.4 20.2

68 8.7 7.0 10.4

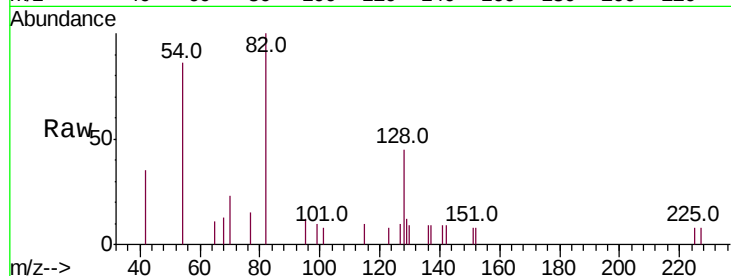




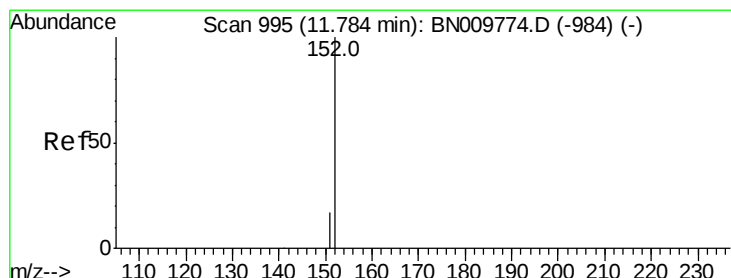
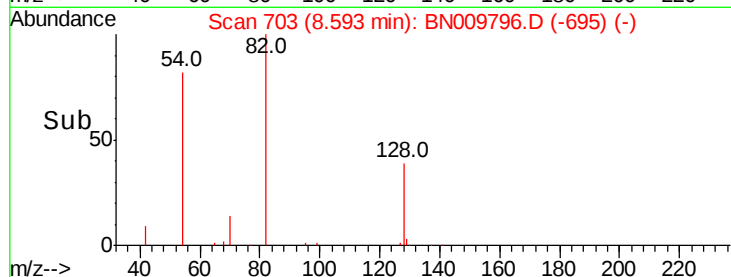
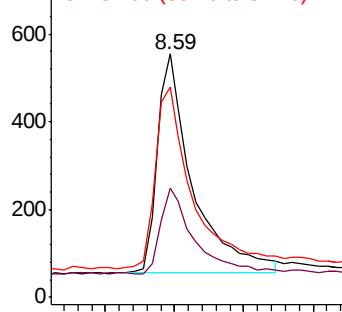
#8
 Nitrobenzene-d5
 Concen: 0.484 ng
 RT: 8.59 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BN009796.D
 Acq: 21 Feb 2020 01:35

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 82 Resp: 1778
 Ion Ratio Lower Upper
 82 100
 128 44.9 32.5 48.7
 54 86.1 73.5 110.3

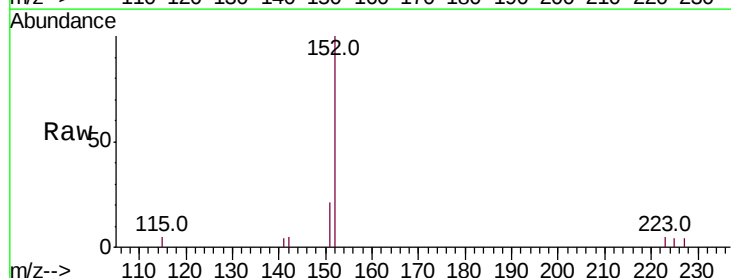


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

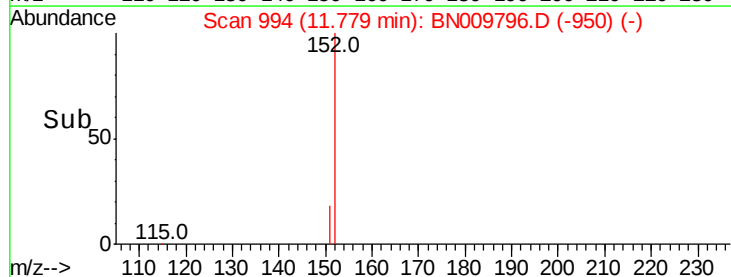
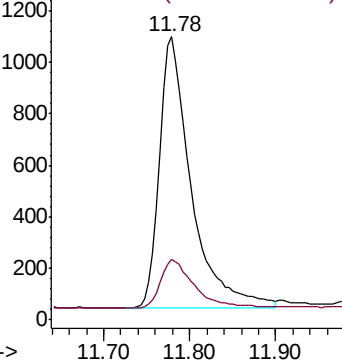


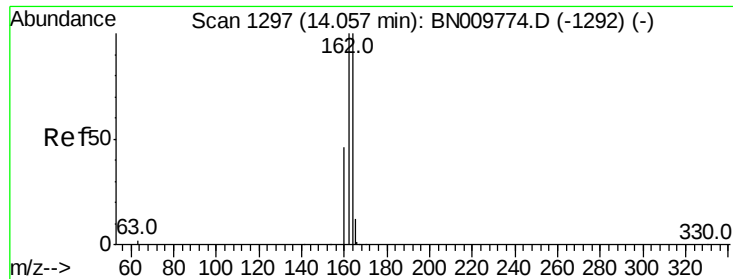
#11
 2-Methylnaphthalene-d10
 Concen: 0.314 ng
 RT: 11.78 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BN009796.D
 Acq: 21 Feb 2020 01:35

Tgt Ion: 152 Resp: 2681
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.1 22.7



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: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

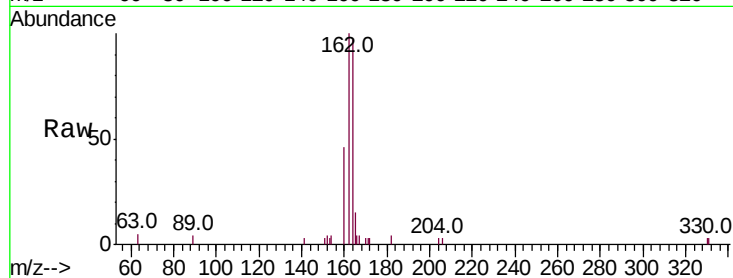
Tot Ion:164 Resp: 2628

Ion Ratio Lower Upper

164 100

162 102.7 79.9 119.9

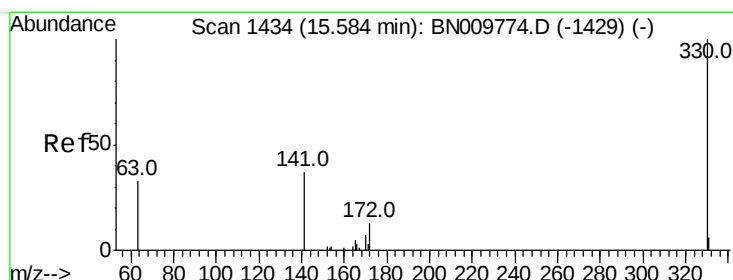
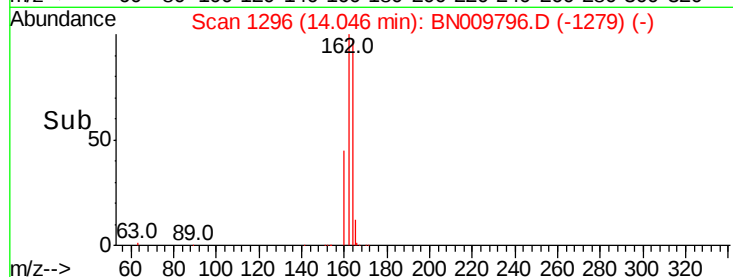
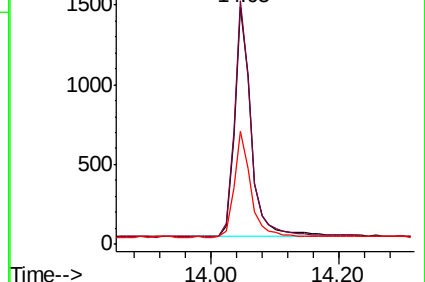
160 47.4 38.2 57.2



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: 15.58 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

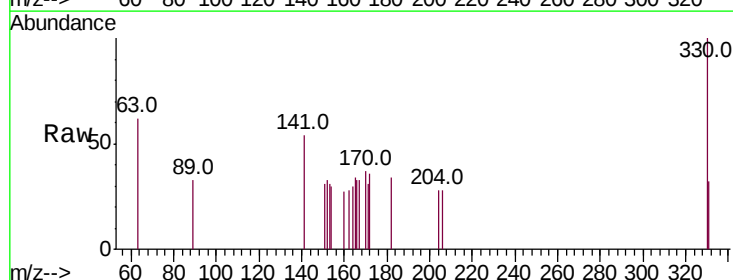
Tgt Ion:330 Resp: 328

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

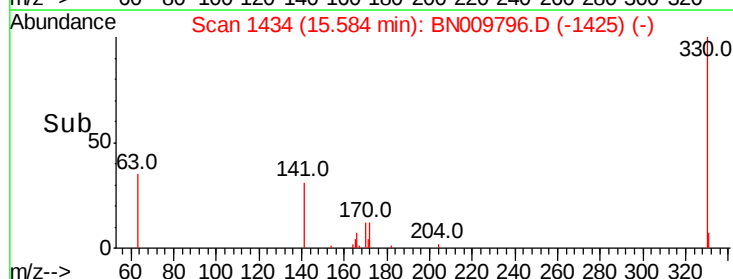
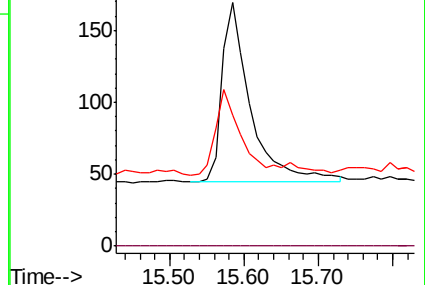
141 44.2 36.8 55.2

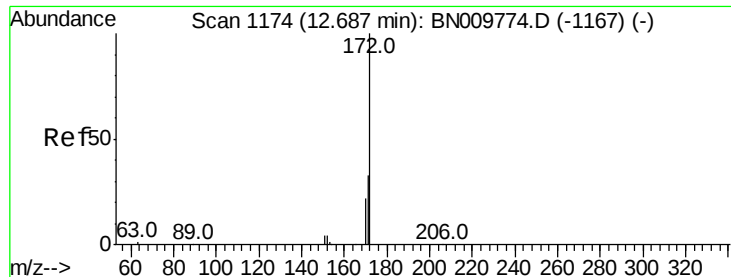


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

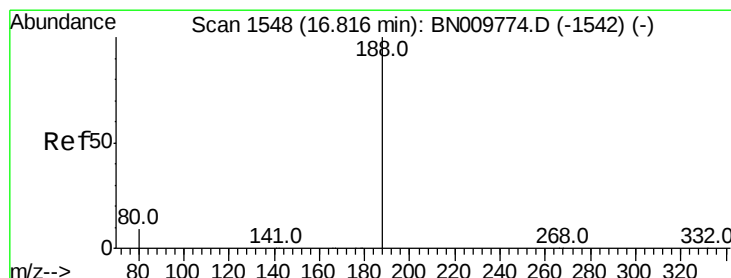
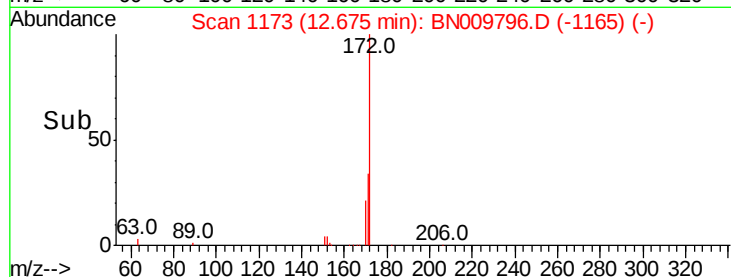
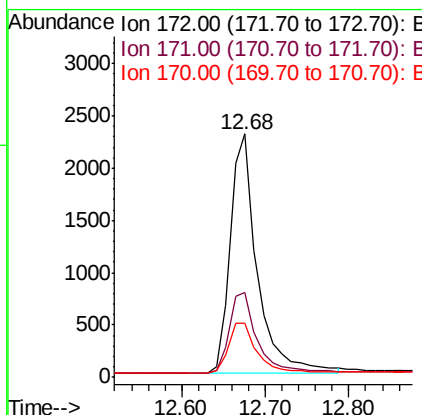
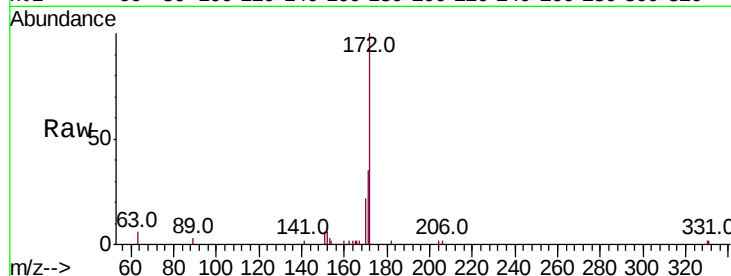




#15
2-Fluorobiphenyl
Concen: 0.510 ng
RT: 12.68 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BN009796.D
Acq: 21 Feb 2020 01:35

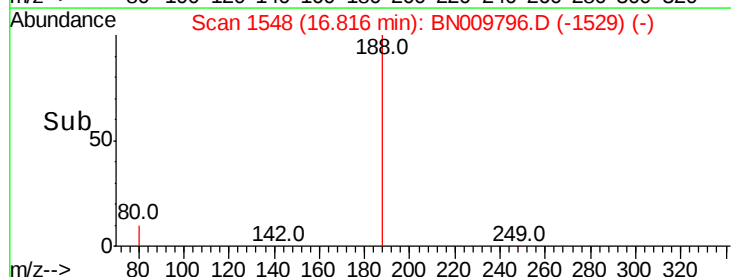
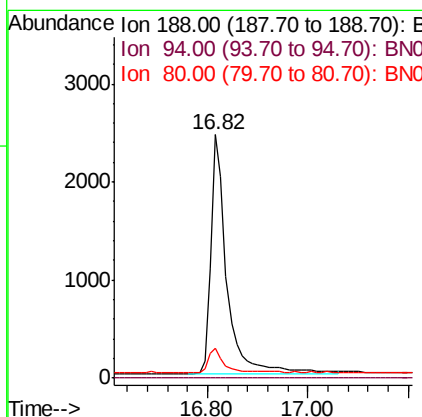
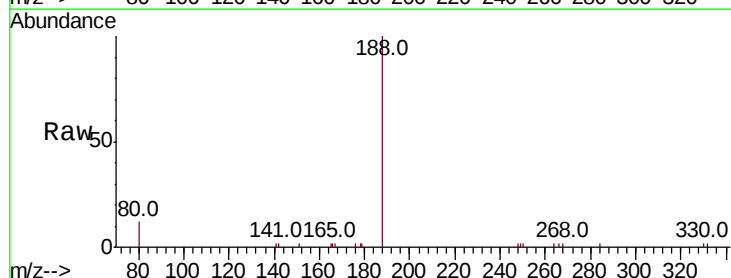
Instrument :
BNA_N
ClientSampleId :

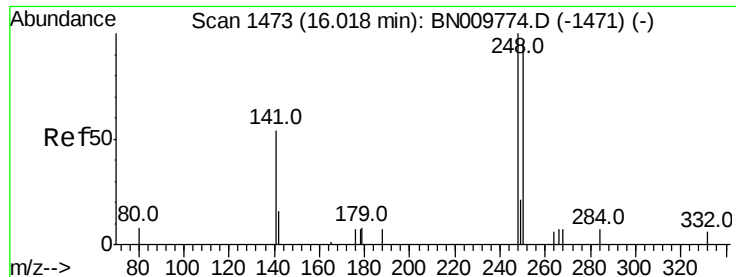
Tot Ion:172 Resp: 5061
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 22.3 20.1 30.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BN009796.D
Acq: 21 Feb 2020 01:35

Tgt Ion:188 Resp: 5471
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.0 8.3 12.5





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampled :

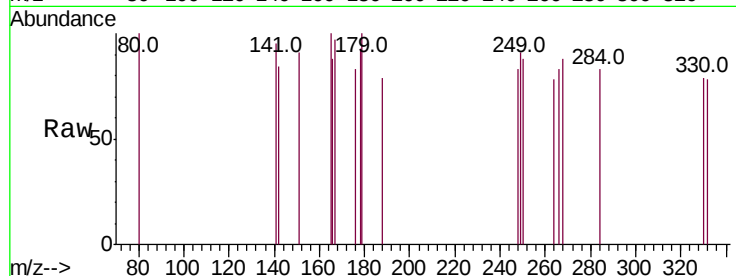
Tot Ion:248 Resp: 212

Ion Ratio Lower Upper

248 100

250 106.3 76.2 114.4

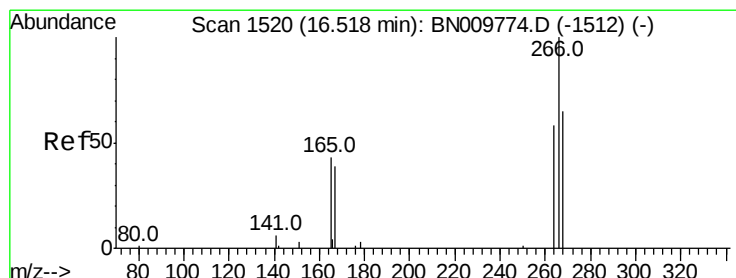
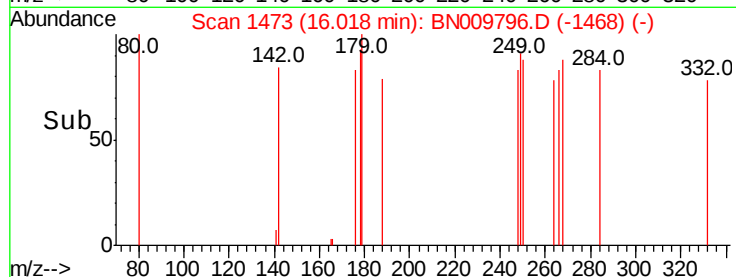
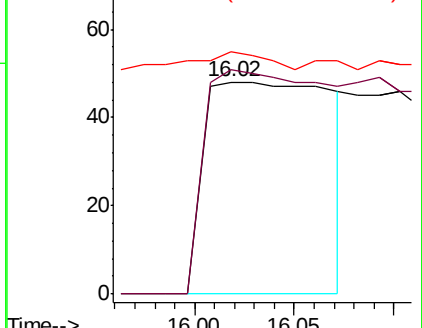
141 114.6 57.8 86.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#22

Pentachlorophenol

Concen: 0.182 ng

RT: 16.51 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

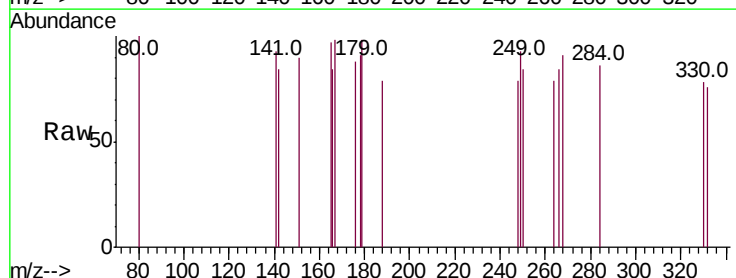
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 93.9 58.1 87.1#

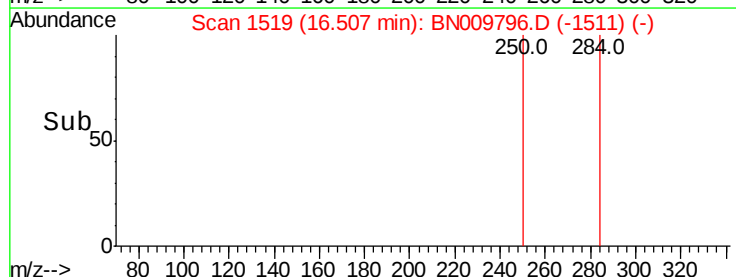
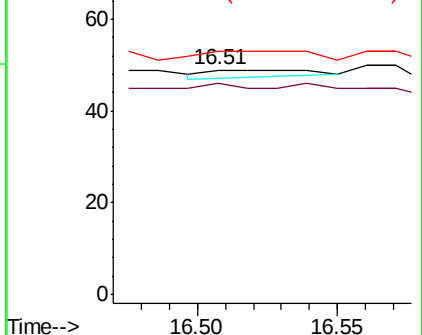
268 108.2 65.7 98.5#

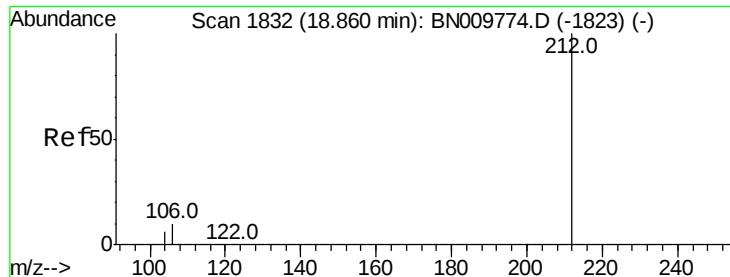


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.340 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

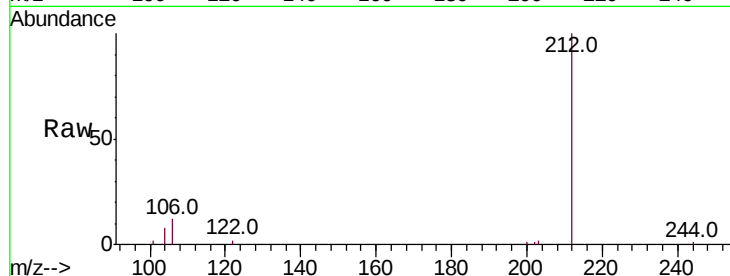
Tot Ion:212 Resp: 6429

Ion Ratio Lower Upper

212 100

106 11.0 8.4 12.6

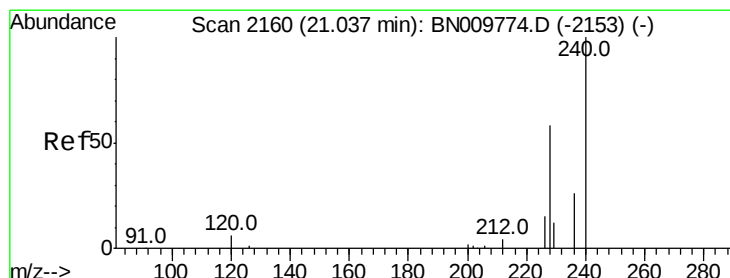
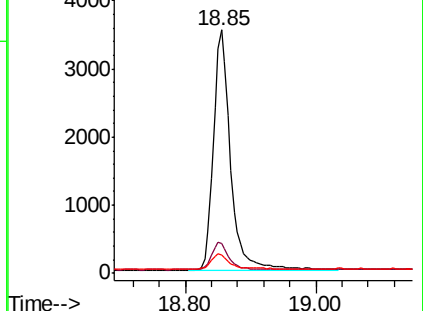
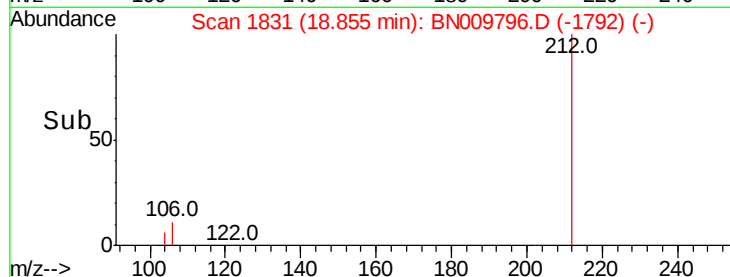
104 6.5 4.8 7.2



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

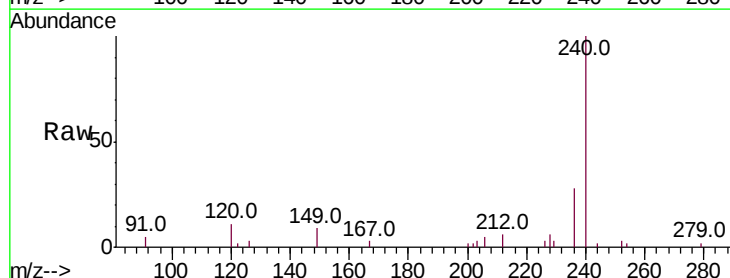
Tgt Ion:240 Resp: 5515

Ion Ratio Lower Upper

240 100

120 11.1 7.9 11.9

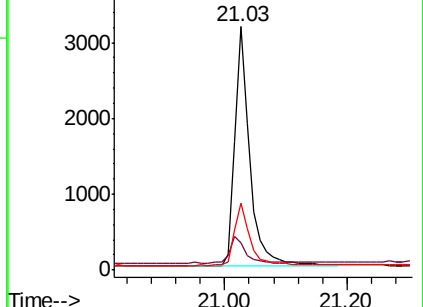
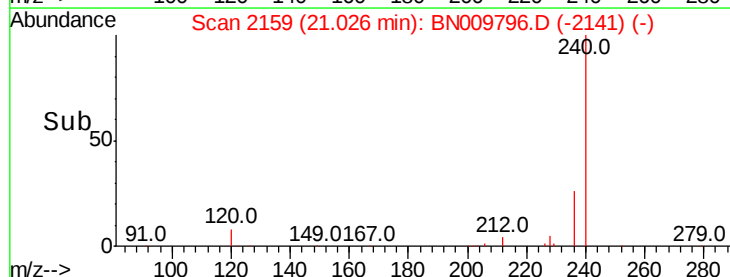
236 27.7 22.0 33.0

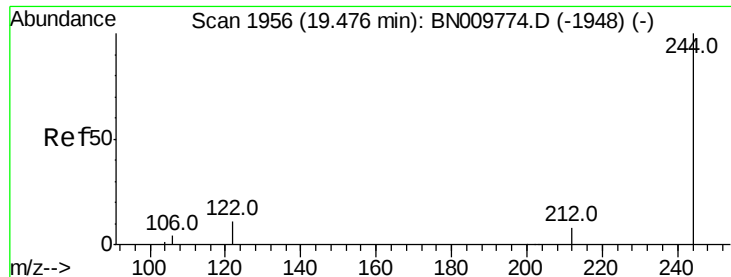


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.697 ng

RT: 19.46 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

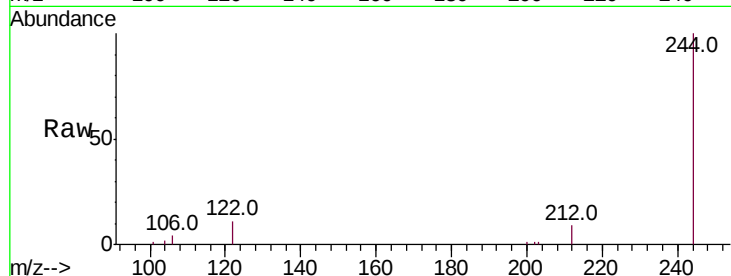
Tot Ion:244 Resp: 9188

Ion Ratio Lower Upper

244 100

212 8.8 8.0 12.0

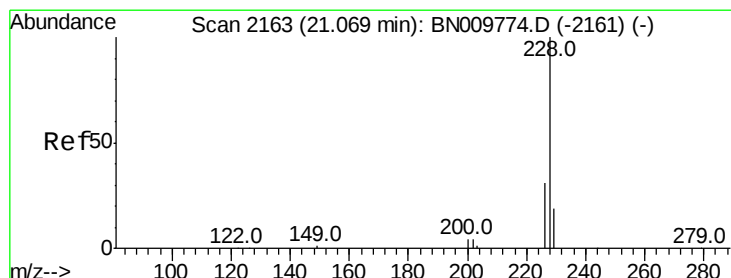
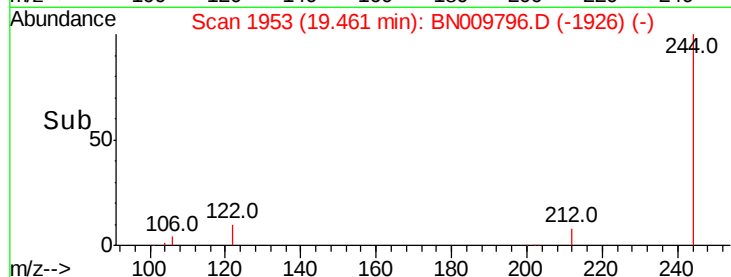
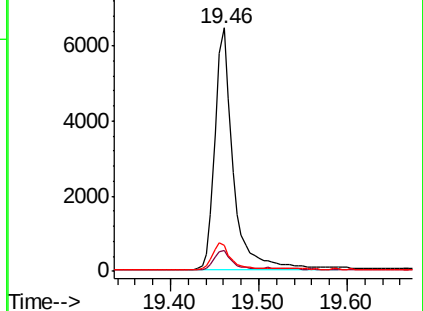
122 10.8 10.0 15.0



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



#31

Chrysene

Concen: 0.027 ng

RT: 21.07 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

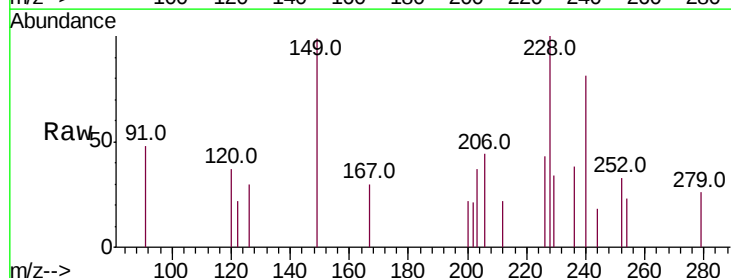
Tgt Ion:228 Resp: 569

Ion Ratio Lower Upper

228 100

226 43.4 24.8 37.2#

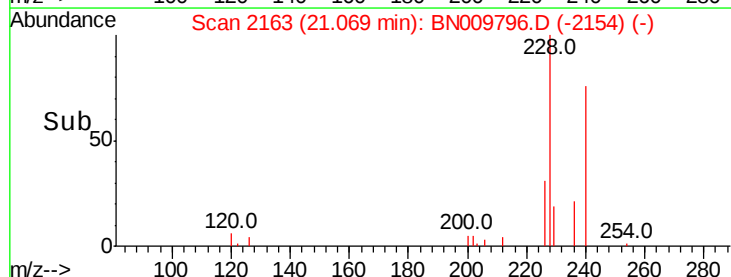
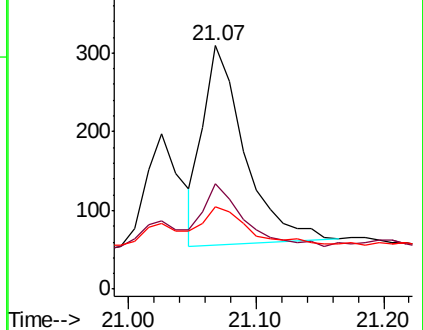
229 34.0 16.4 24.6#

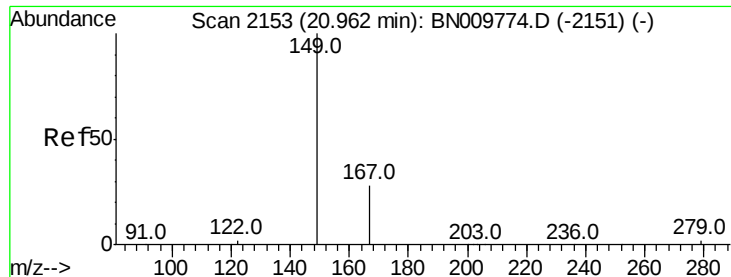


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.085 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

Instrument :

BNA_N

ClientSampleId :

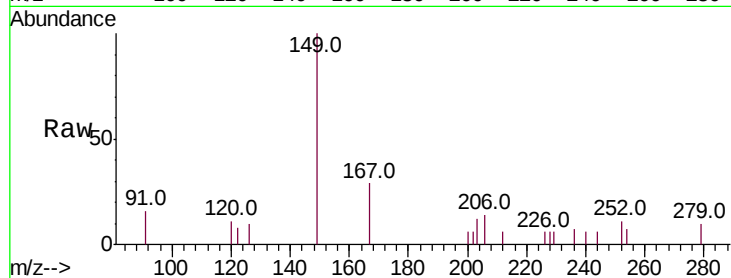
Tot Ion:149 Resp: 756

Ion Ratio Lower Upper

149 100

167 24.5 22.7 34.1

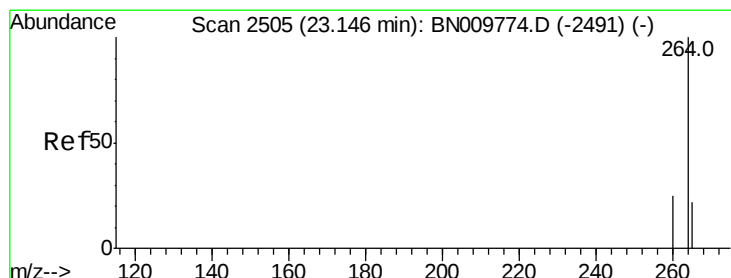
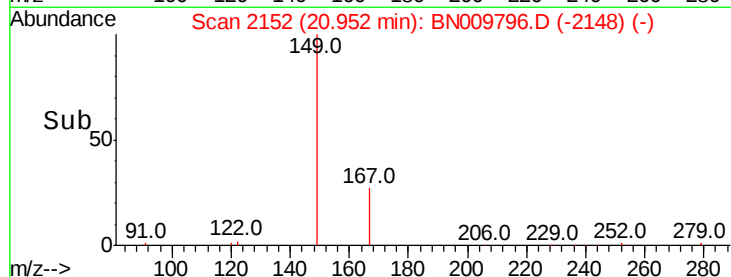
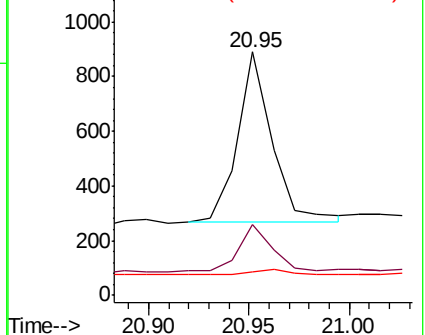
279 4.2 3.1 4.7



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: 23.13 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BN009796.D

Acq: 21 Feb 2020 01:35

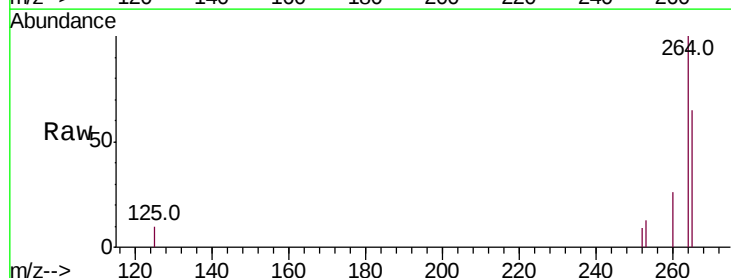
Tgt Ion:264 Resp: 5493

Ion Ratio Lower Upper

264 100

260 25.8 21.1 31.7

265 64.8 57.5 86.3



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

