

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011634.D
 Acq On : 26 Aug 2020 02:51
 Operator : CG/JU
 Sample : L3736-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OUTFALL001-200818

Quant Time: Aug 26 04:03:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

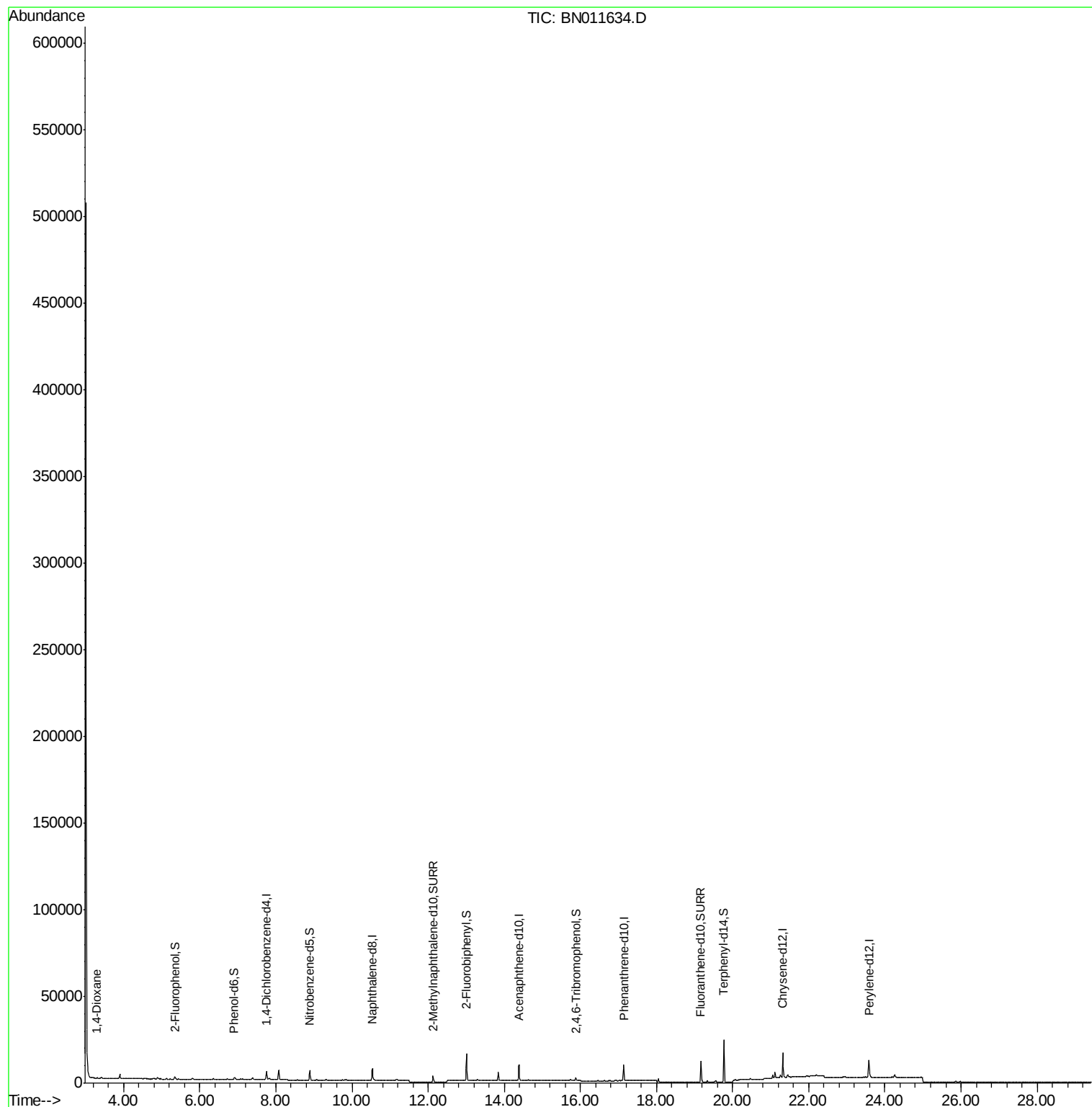
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2256	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9223	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5939	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	13156	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12640	0.40	ng	-0.01
36) Perylene-d12	23.58	264	13483	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1030	0.14	ng	0.00
5) Phenol-d6	6.91	99	820	0.08	ng	0.00
8) Nitrobenzene-d5	8.89	82	4263	0.53	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	4790	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1213	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	12118	0.52	ng	-0.01
27) Fluoranthene-d10	19.17	212	13734	0.32	ng	0.00
31) Terphenyl-d14	19.77	244	23595	0.73	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.30	88	121	0.035	ng	# 1
34) Bis(2-ethylhexyl)phthalate	21.26	149	1728	Below Cal	#	94

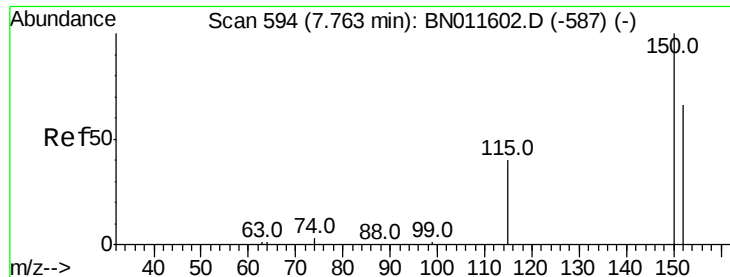
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 593

Delta R.T. -0.01 min

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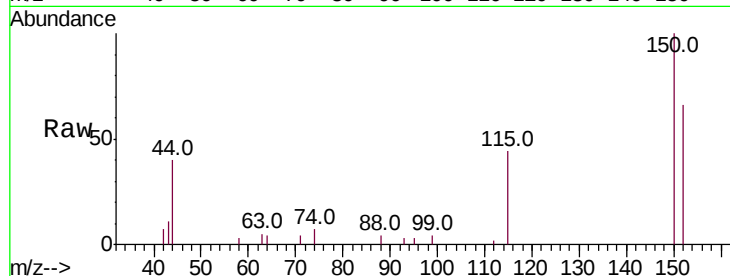
Tot Ion:152 Resp: 2256

Ion Ratio Lower Upper

152 100

150 152.5 112.4 168.6

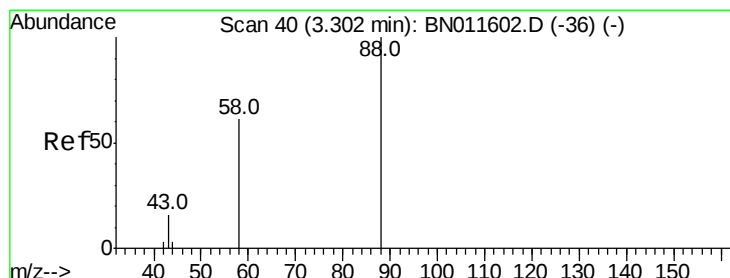
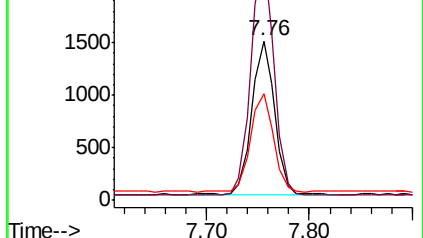
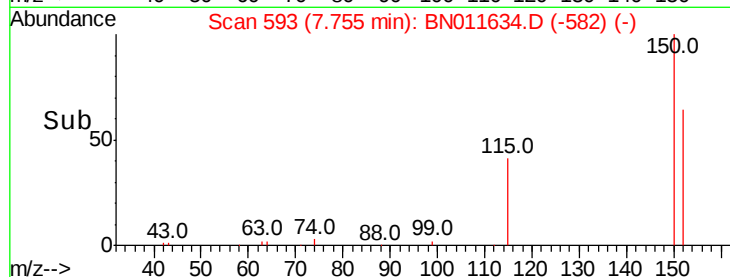
115 66.8 56.9 85.3



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



#2

1,4-Dioxane

Concen: 0.035 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

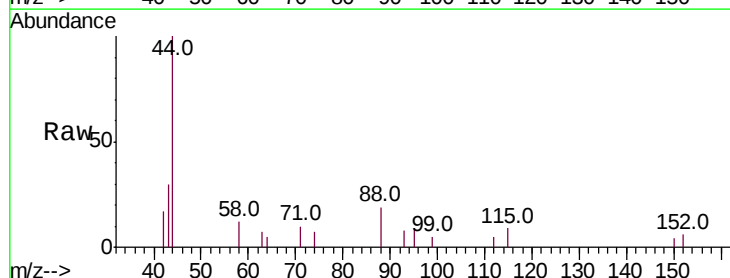
Tgt Ion: 88 Resp: 121

Ion Ratio Lower Upper

88 100

58 82.6 3.0 4.4#

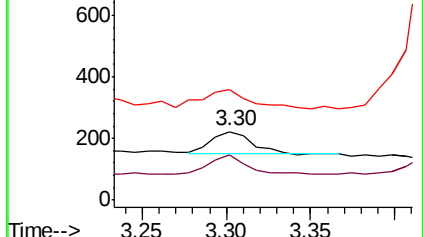
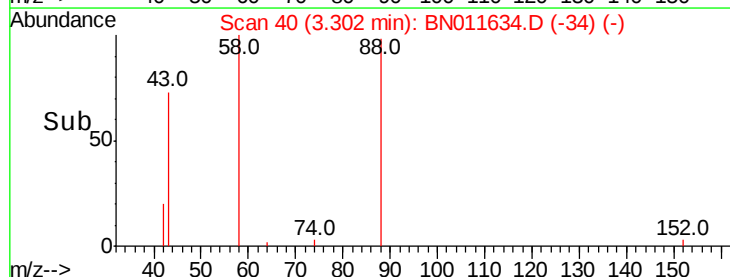
43 100.0 0.0 0.0#

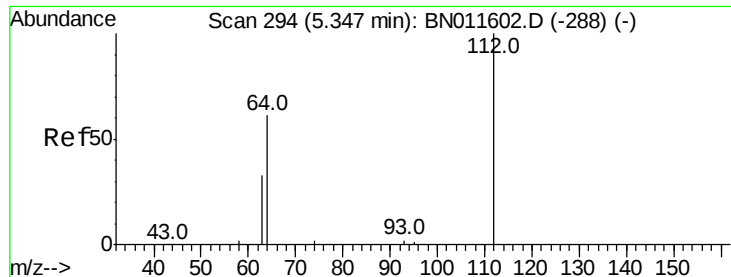


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.143 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200818

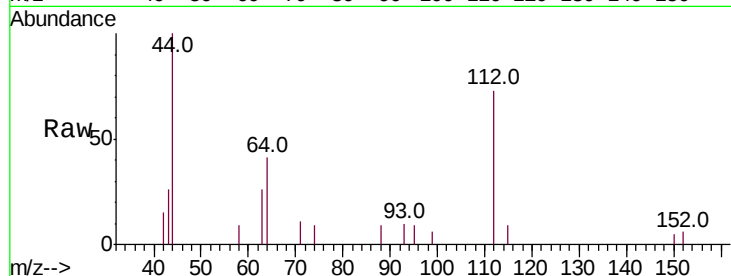
Tot Ion:112 Resp: 1030

Ion Ratio Lower Upper

112 100

64 62.9 49.6 74.4

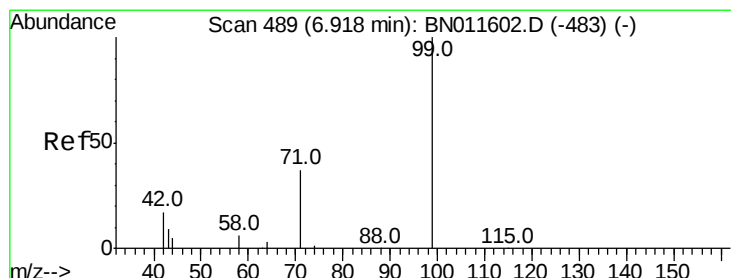
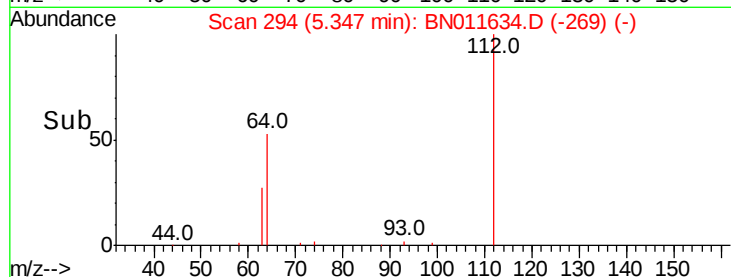
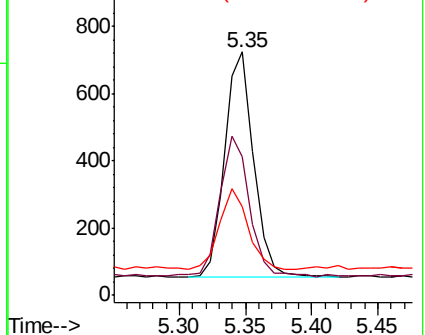
63 35.2 26.4 39.6



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: 0.080 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

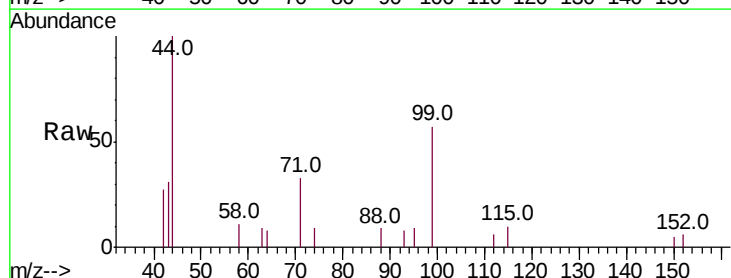
Tgt Ion: 99 Resp: 820

Ion Ratio Lower Upper

99 100

42 28.0 0.0 0.0#

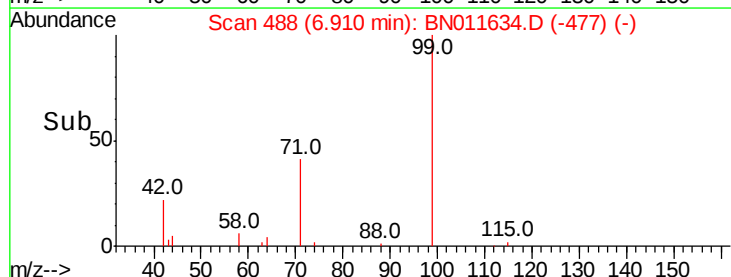
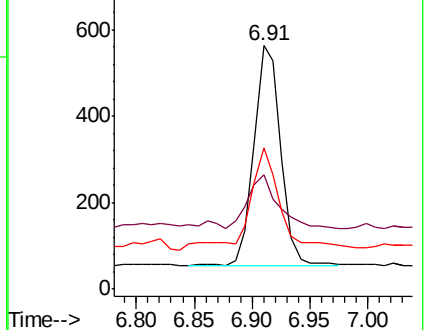
71 46.8 0.0 0.0#

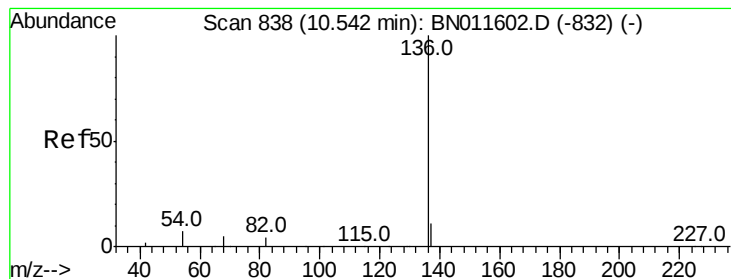


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200818

Tot Ion:136 Resp: 9223

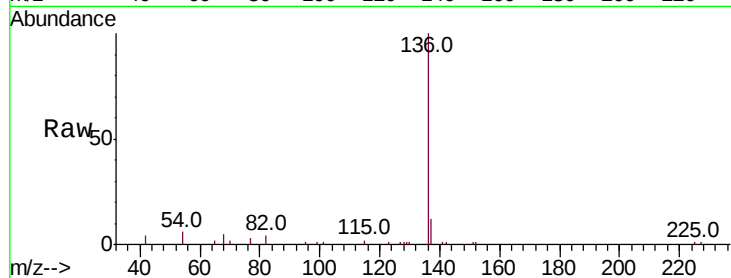
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 5.9 11.9 17.9#

68 4.6 12.3 18.5#



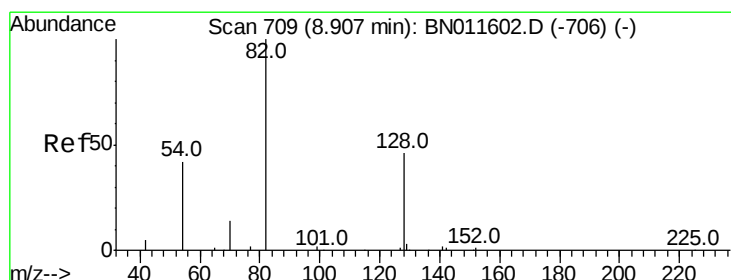
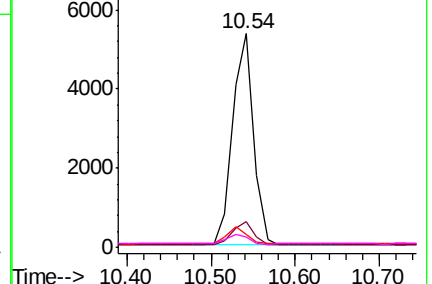
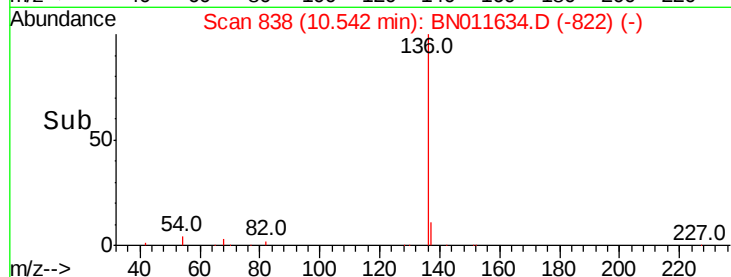
Abundance

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: 0.534 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

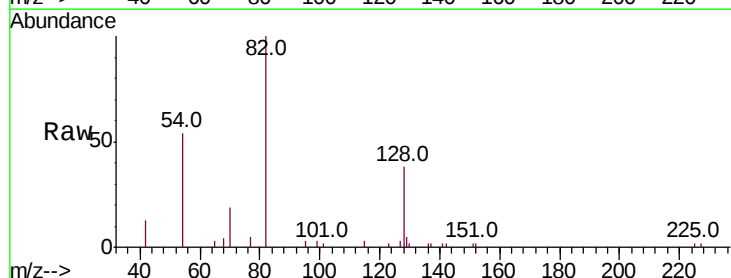
Tgt Ion: 82 Resp: 4263

Ion Ratio Lower Upper

82 100

128 37.7 31.1 46.7

54 53.6 37.1 55.7

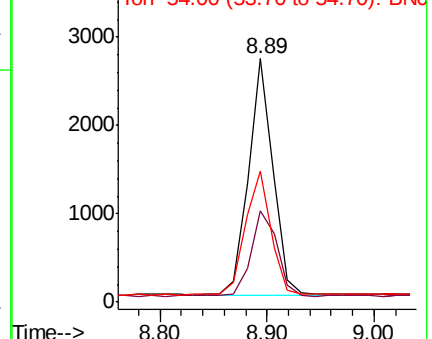
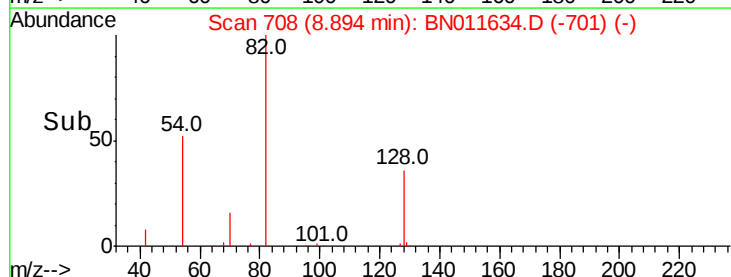


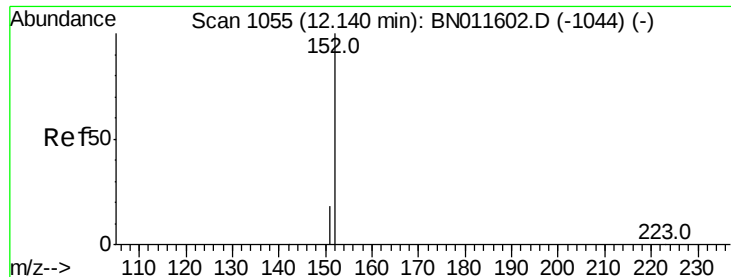
Abundance

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

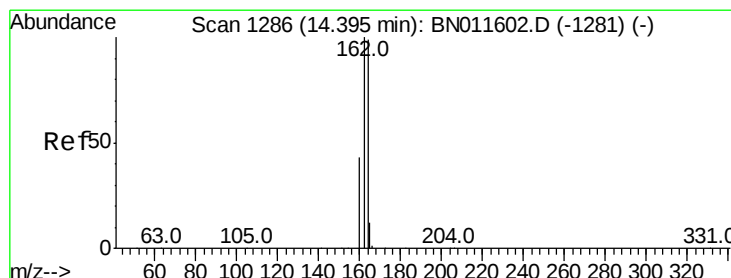
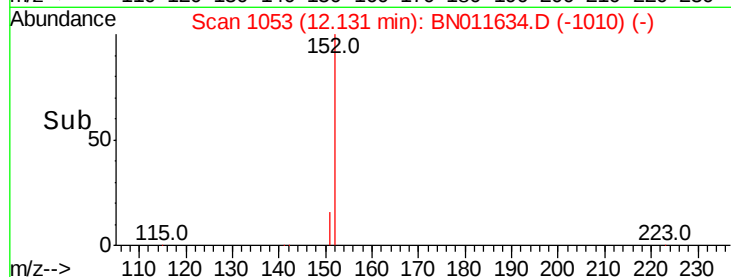
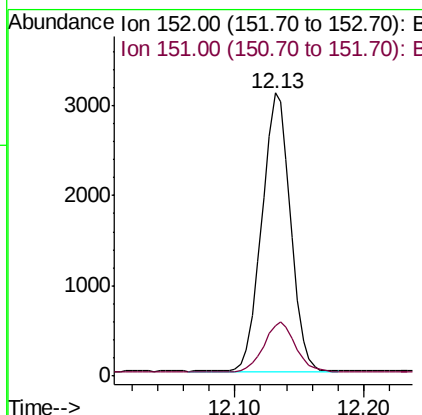
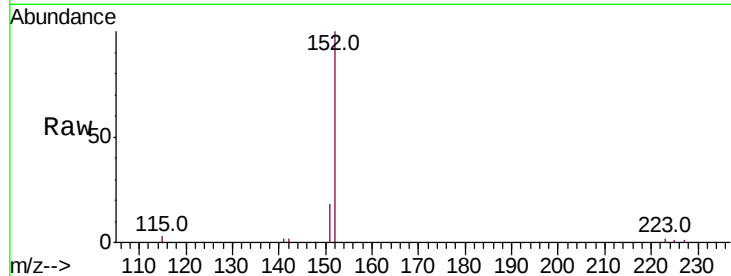




#11
2-Methylnaphthalene-d10
Concen: 0.274 ng
RT: 12.13 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

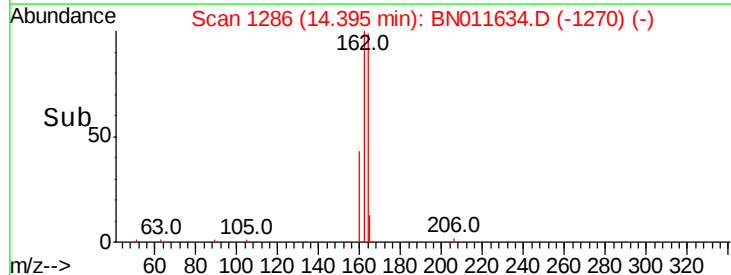
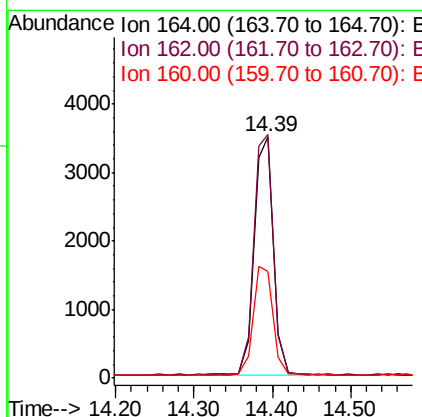
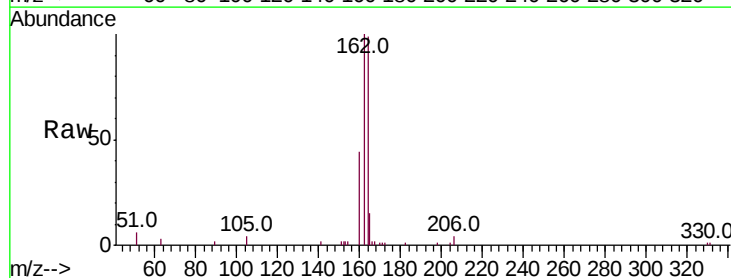
Instrument :
BNA_N
ClientSampleId :
OUTFALL001-200818

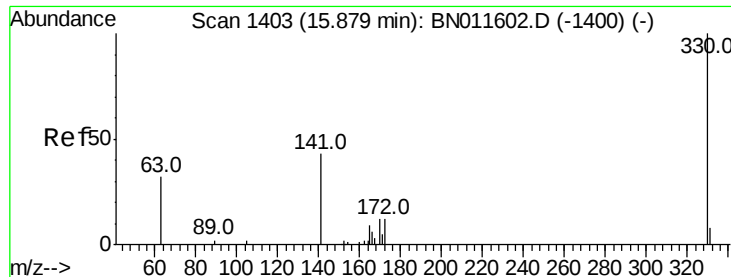
Tot Ion:152 Resp: 4790
Ion Ratio Lower Upper
152 100
151 19.4 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN011634.D
Acq: 26 Aug 2020 02:51

Tgt Ion:164 Resp: 5939
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 44.3 35.6 53.4





#14

2,4,6-Tribromophenol

Concen: 0.372 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200818

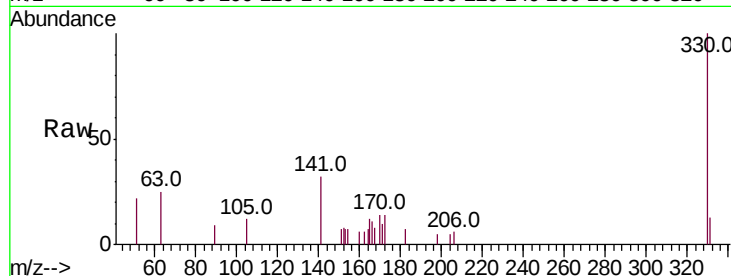
Tot Ion:330 Resp: 1213

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

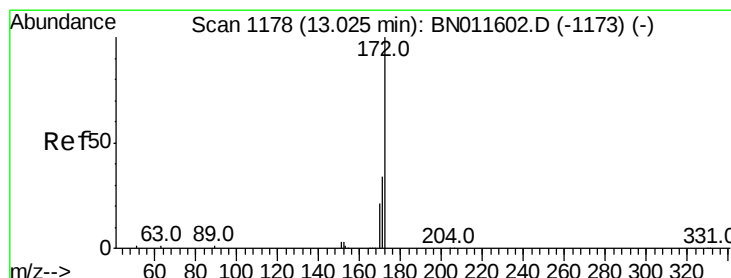
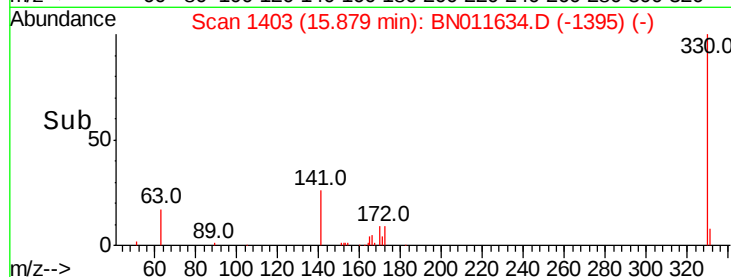
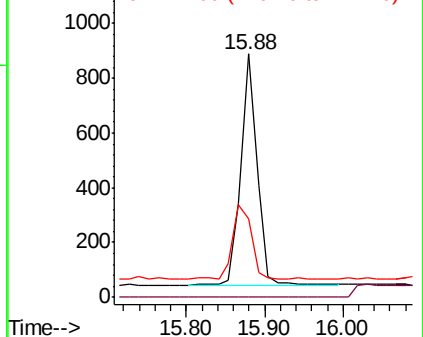
141 37.8 29.4 44.2



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: 0.524 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

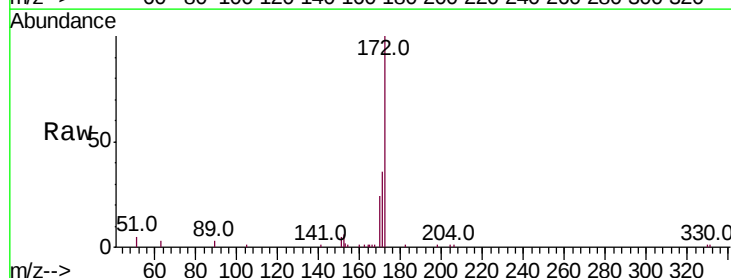
Tgt Ion:172 Resp: 12118

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

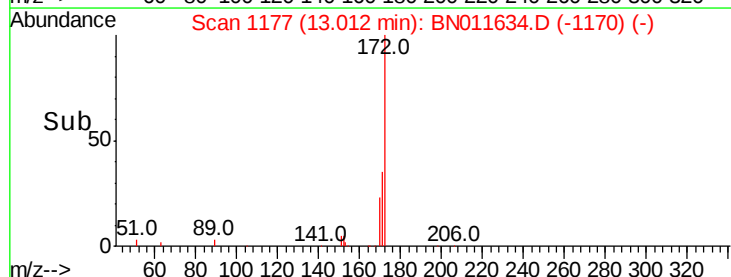
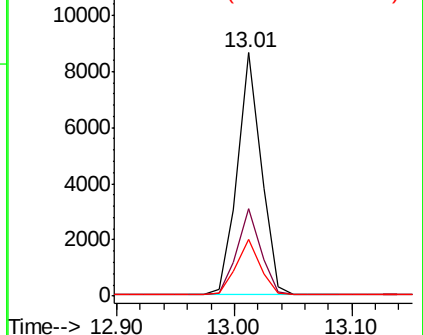
170 23.5 18.2 27.2

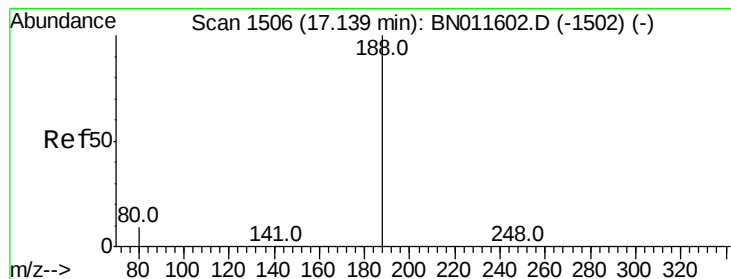


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. -0.00 min

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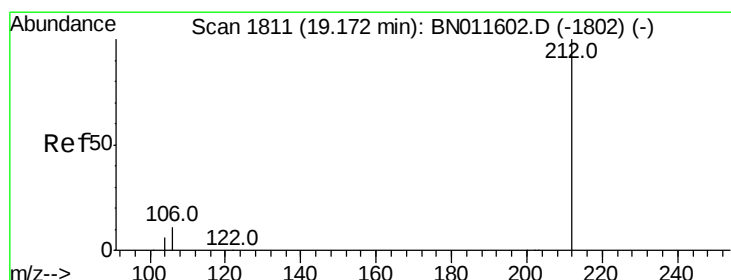
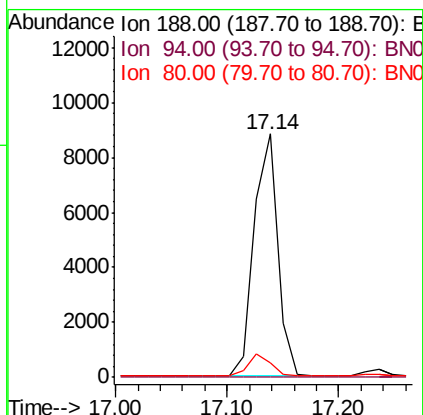
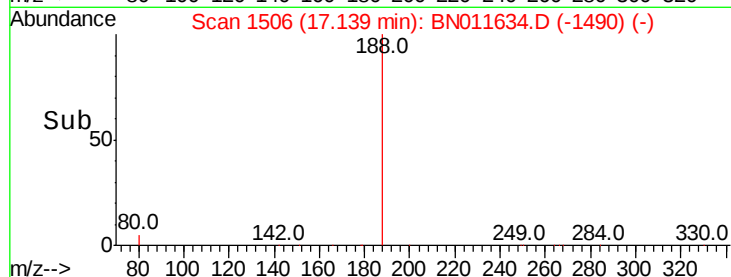
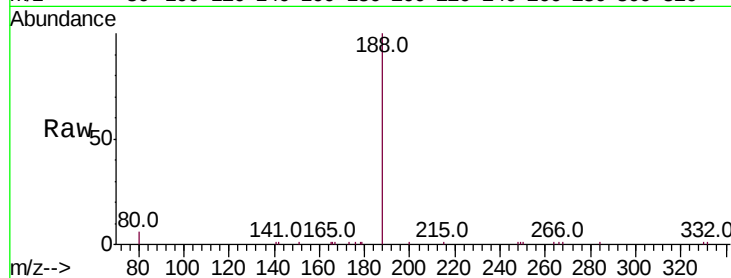
Tot Ion:188 Resp: 13156

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.8 9.2 13.8#



#27

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.17 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

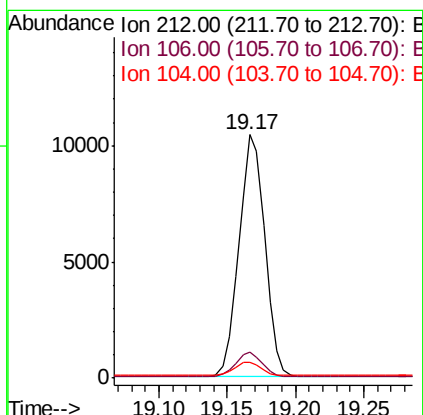
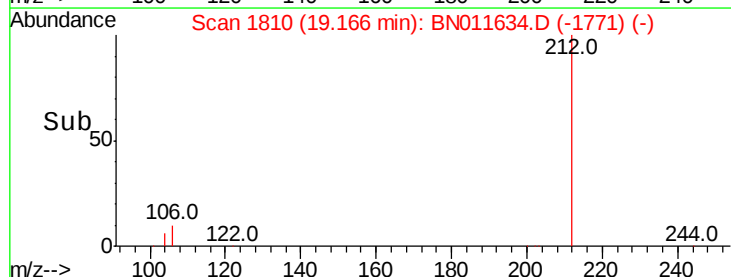
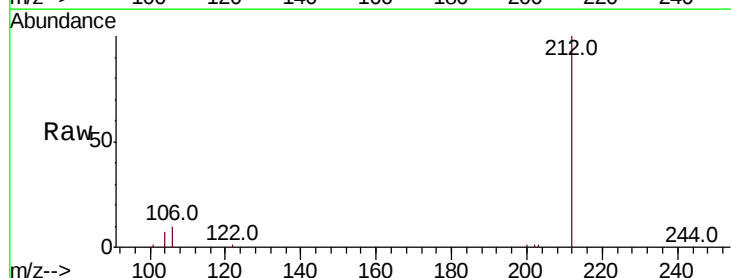
Tgt Ion:212 Resp: 13734

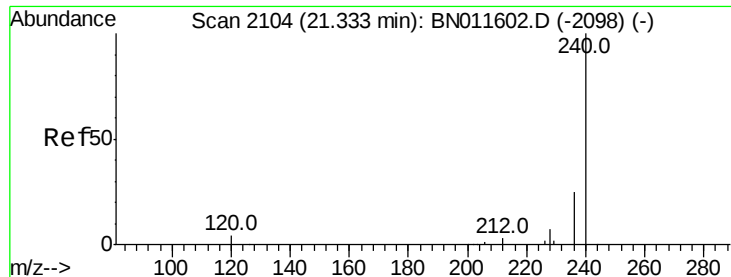
Ion Ratio Lower Upper

212 100

106 9.9 8.9 13.3

104 5.9 5.3 7.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011634.D

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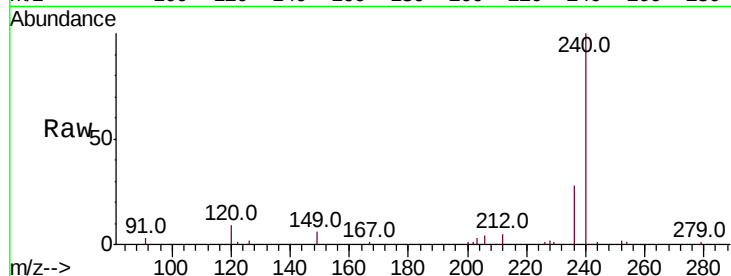
Tot Ion:240 Resp: 12640

Ion Ratio Lower Upper

240 100

120 8.5 6.0 9.0

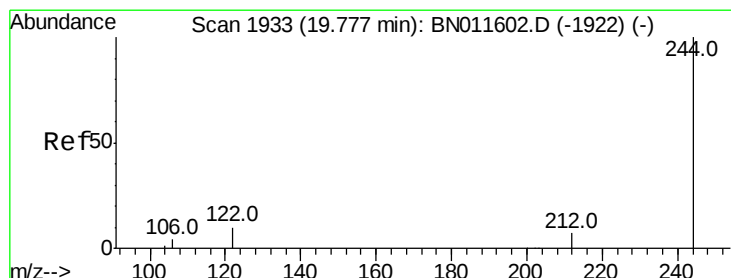
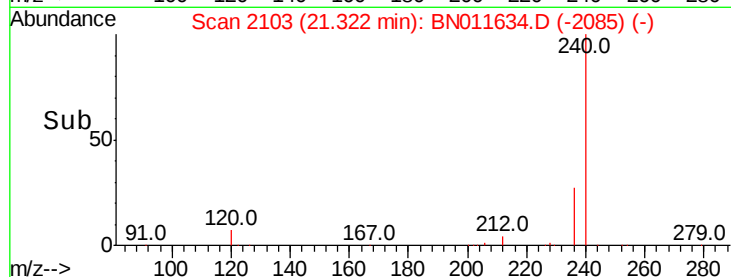
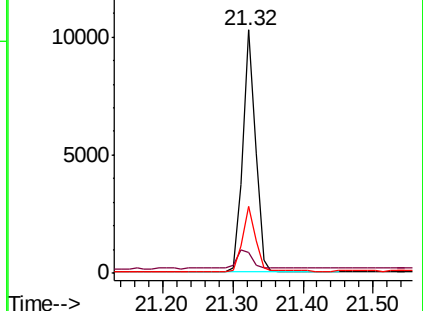
236 27.7 20.8 31.2



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



#31

Terphenyl-d14

Concen: 0.731 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

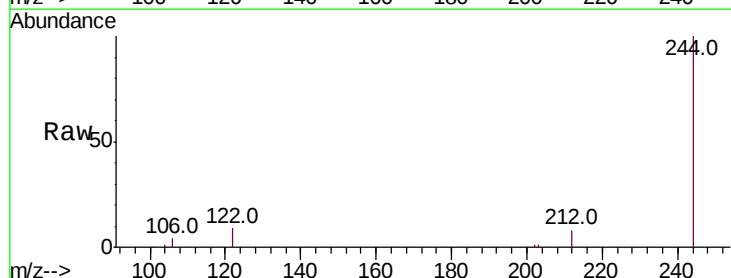
Tgt Ion:244 Resp: 23595

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

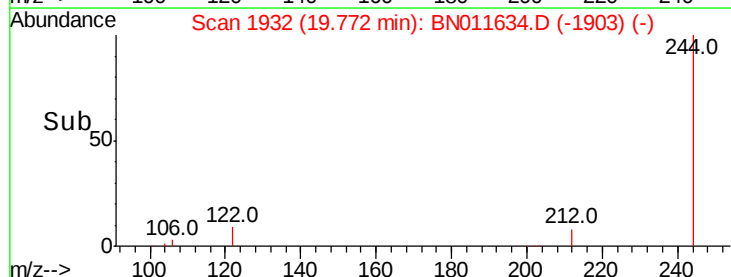
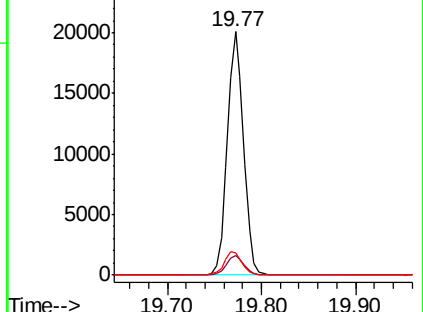
122 9.3 9.5 14.3#

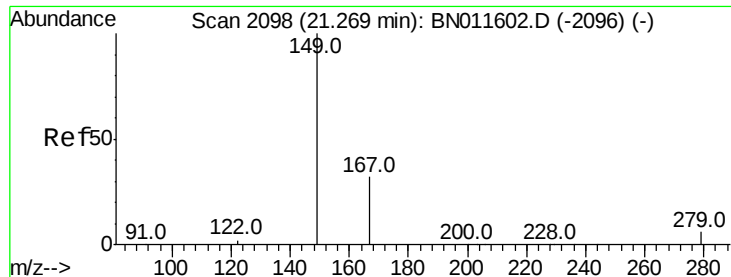


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

Instrument :

BNA_N

ClientSampleId :

OUTFALL001-200818

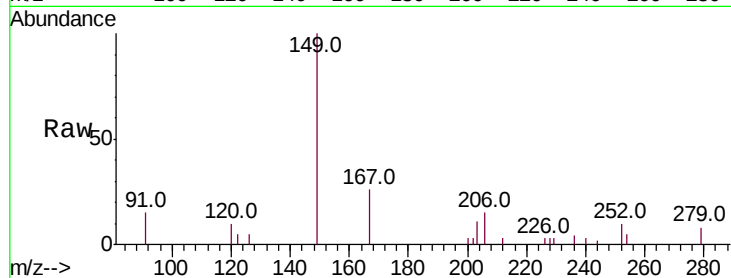
Tot Ion:149 Resp: 1728

Ion Ratio Lower Upper

149 100

167 29.1 20.6 31.0

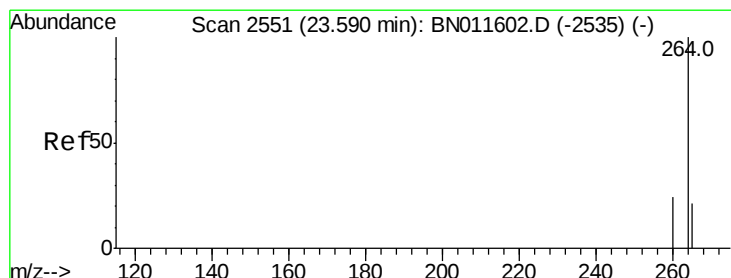
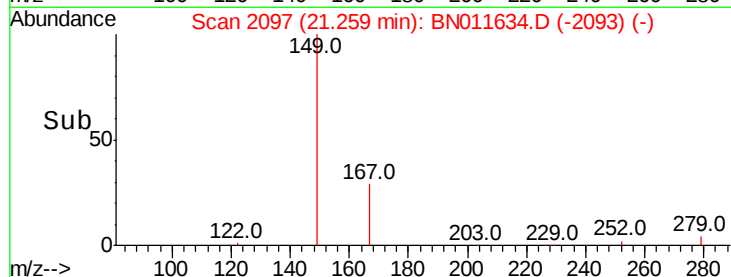
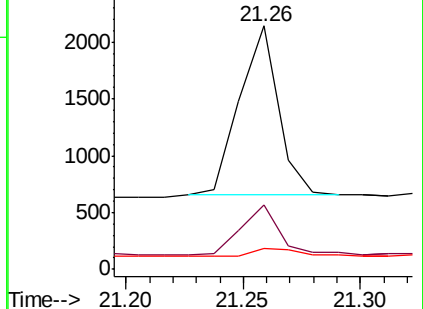
279 6.0 3.8 5.8#



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.58 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BN011634.D

Acq: 26 Aug 2020 02:51

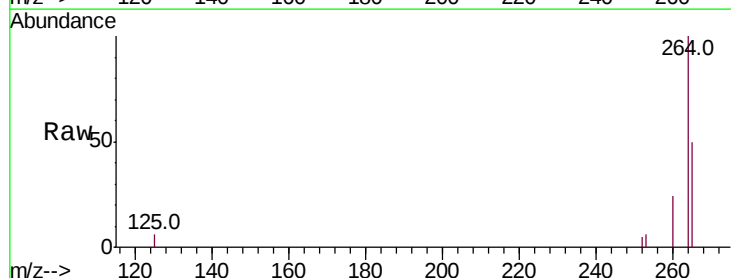
Tgt Ion:264 Resp: 13483

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 50.4 40.7 61.1



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

