

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017841.D
 Acq On : 09 Dec 2021 19:06
 Operator : CG/JU
 Sample : M4931-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-978-980

Quant Time: Dec 10 06:48:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

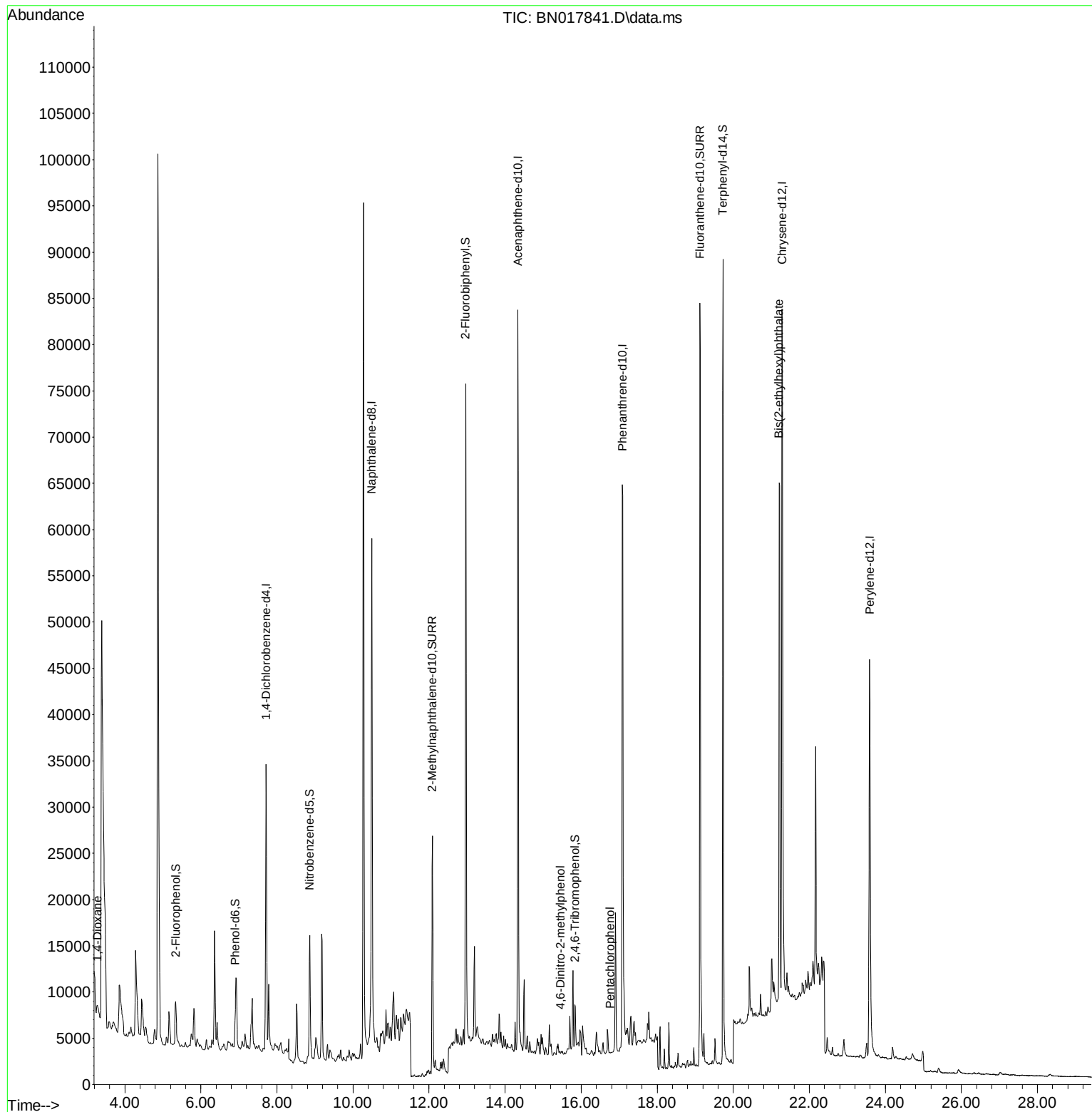
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	18943	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	77698	0.40	ng	0.00
13) Acenaphthene-d10	14.335	164	52164	0.40	ng	-0.01
19) Phenanthrene-d10	17.092	188	110131	0.40	ng	0.00
29) Chrysene-d12	21.282	240	95381	0.40	ng	0.00
35) Perylene-d12	23.586	264	71859	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5913	0.13	ng	0.00
5) Phenol-d6	6.903	99	3719	0.09	ng	0.00
8) Nitrobenzene-d5	8.859	82	13795	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	37691	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6145	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	60613	0.32	ng	0.00
27) Fluoranthene-d10	19.124	212	112227	0.30	ng	0.00
31) Terphenyl-d14	19.730	244	97988	0.48	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.280	88	704	0.10	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.451	198	18	0.10	ng	# 1
24) Pentachlorophenol	16.764	266	53	0.28	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.208	149	64472	0.48	ng	99

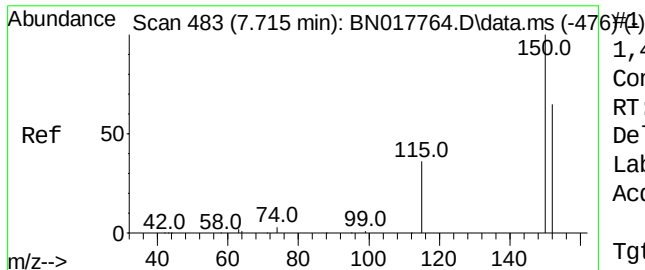
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

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ClientSampleId :

BP-VPB-RW9-978-980

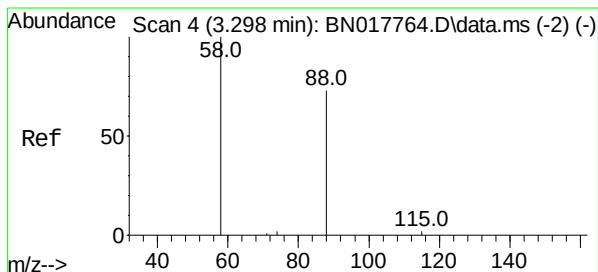
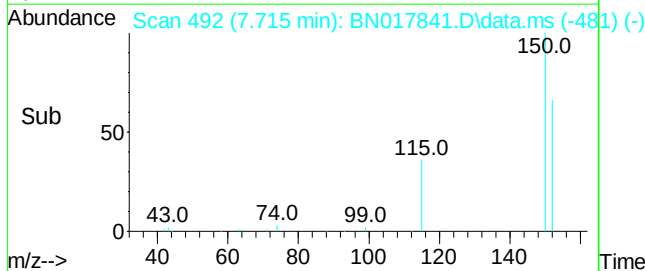
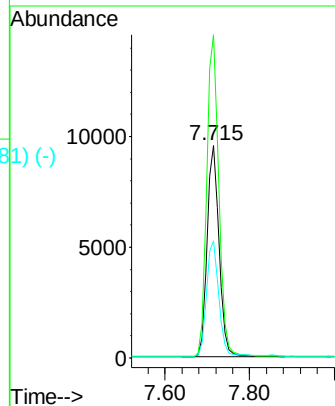
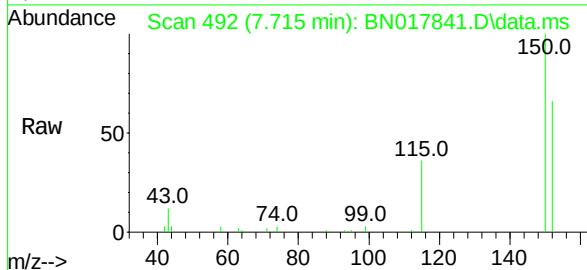
Tgt Ion:152 Resp: 18943

Ion Ratio Lower Upper

152 100

150 152.0 123.0 184.4

115 55.2 45.3 67.9



#2

1,4-Dioxane

Concen: 0.10 ng

RT: 3.280 min Scan# 11

Delta R.T. -0.019 min

Lab File: BN017841.D

Acq: 09 Dec 2021 19:06

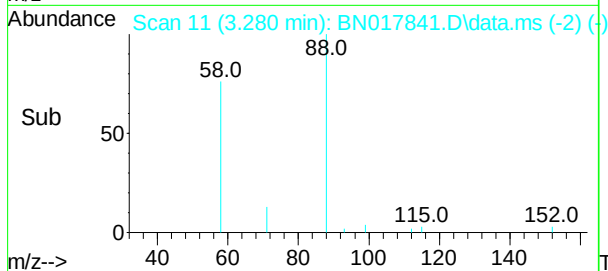
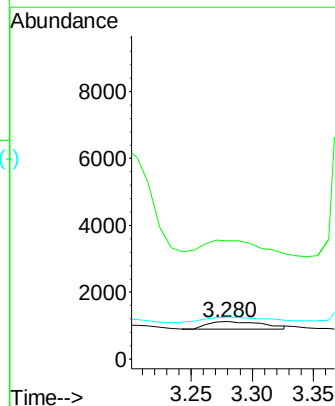
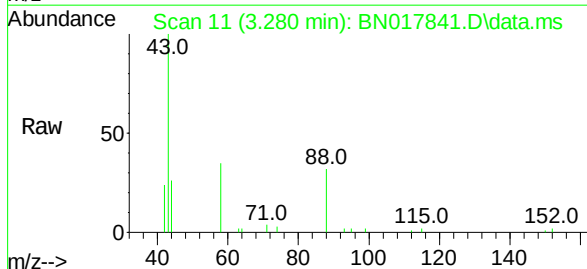
Tgt Ion: 88 Resp: 704

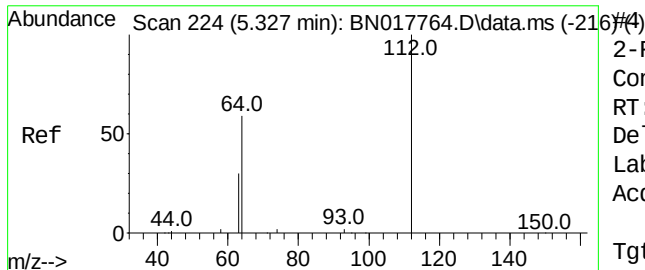
Ion Ratio Lower Upper

88 100

43 164.5 0.0 0.0#

58 79.4 0.0 0.0#





2-Fluorophenol

Concen: 0.13 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017841.D

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Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-978-980

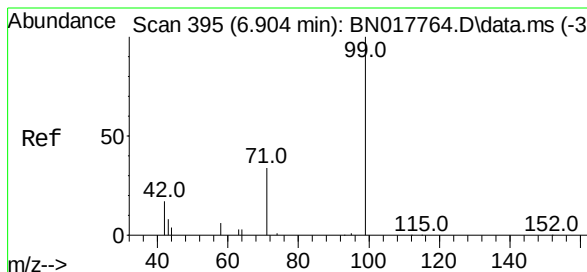
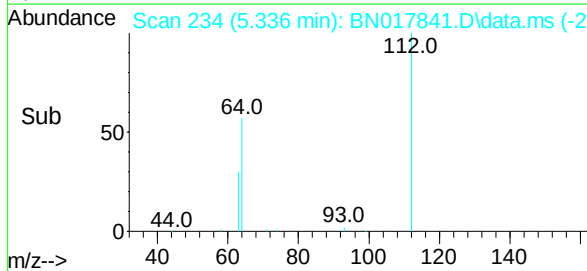
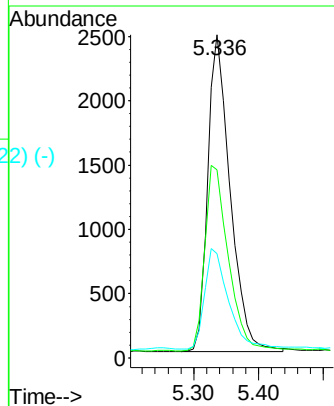
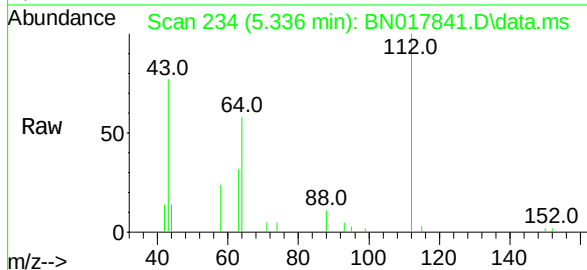
Tgt Ion:112 Resp: 5913

Ion Ratio Lower Upper

112 100

64 61.4 49.3 73.9

63 34.2 25.8 38.8



Phenol-d6

Concen: 0.09 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017841.D

Acq: 09 Dec 2021 19:06

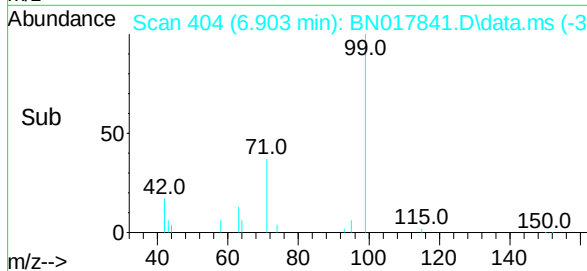
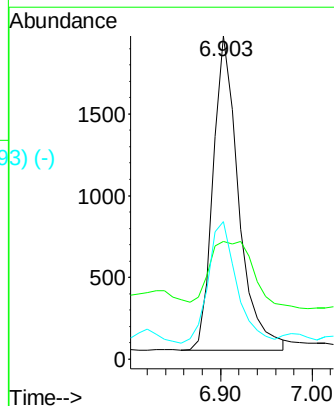
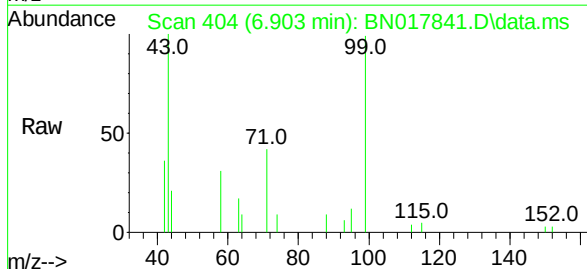
Tgt Ion: 99 Resp: 3719

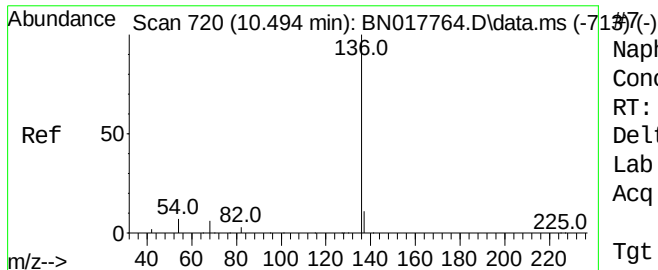
Ion Ratio Lower Upper

99 100

42 32.9 16.6 25.0#

71 43.2 29.0 43.4





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017841.D

Acq: 09 Dec 2021 19:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-978-980

Tgt Ion:136 Resp: 77698

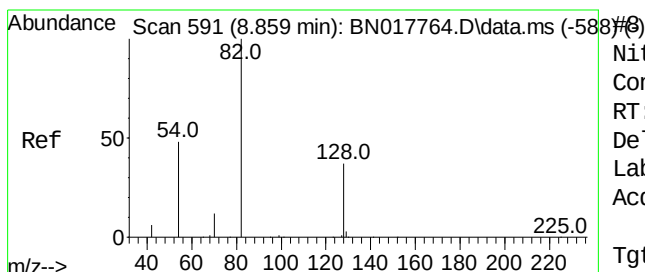
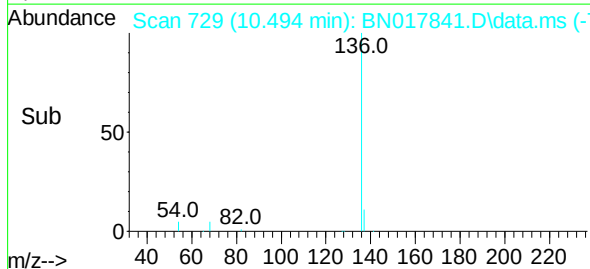
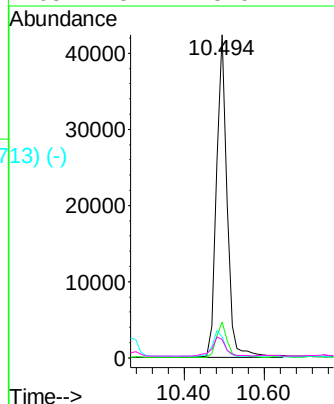
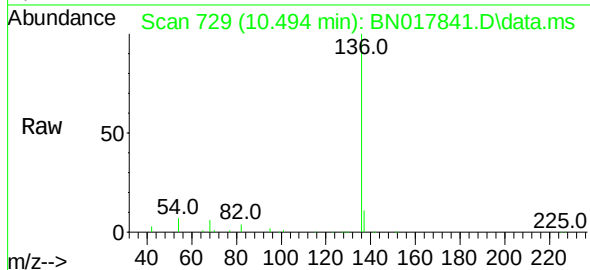
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.5 5.9 8.9

68 5.7 5.0 7.6



Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017841.D

Acq: 09 Dec 2021 19:06

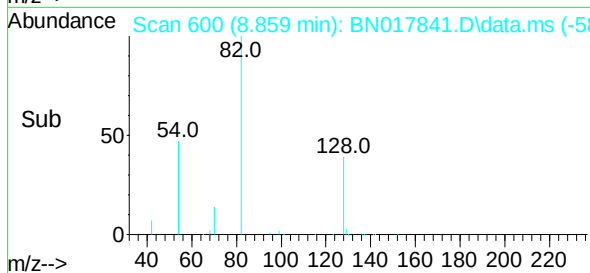
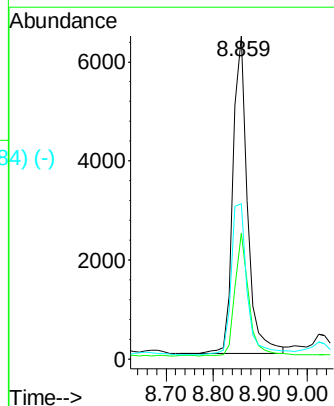
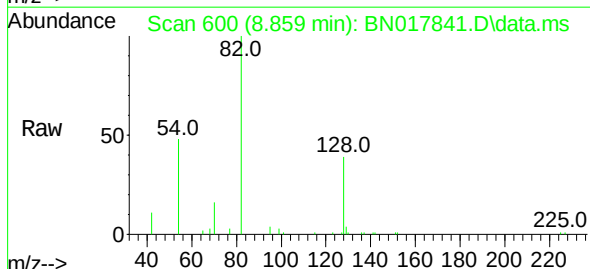
Tgt Ion: 82 Resp: 13795

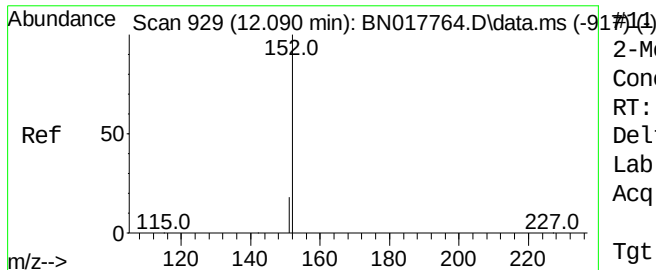
Ion Ratio Lower Upper

82 100

128 39.0 30.2 45.2

54 48.1 39.0 58.6

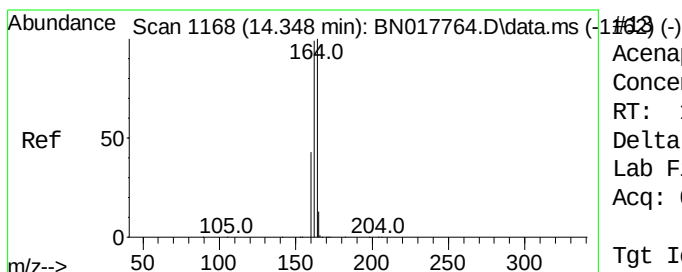
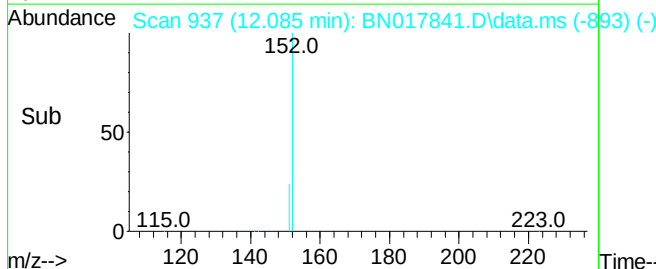
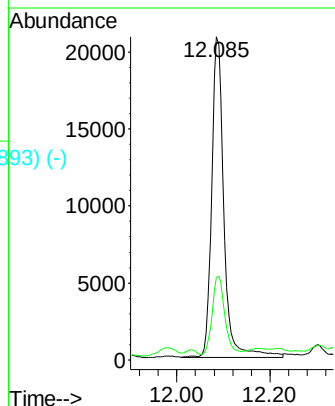
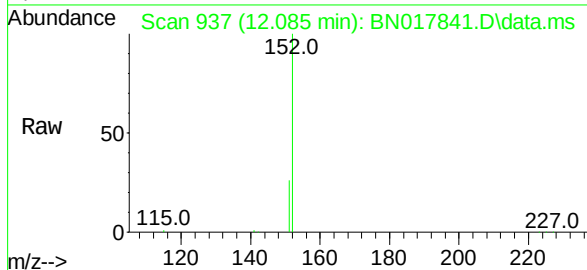




2-Methylnaphthalene-d10
 Concen: 0.24 ng
 RT: 12.085 min Scan# 1176
 Delta R.T. -0.005 min
 Lab File: BN017841.D
 Acq: 09 Dec 2021 19:06

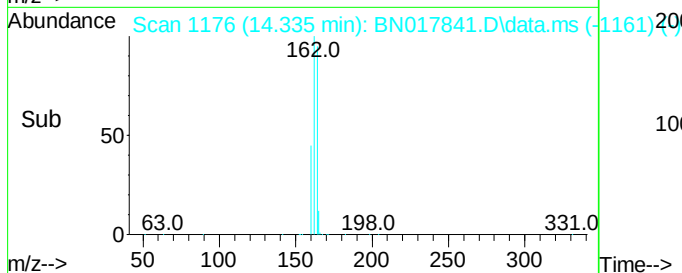
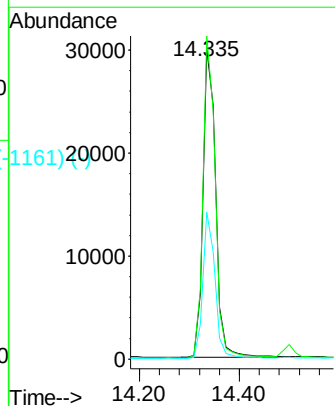
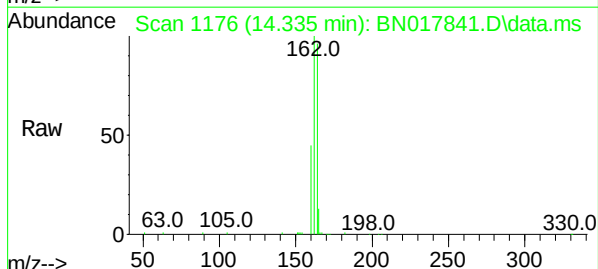
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-978-980

Tgt Ion:152 Resp: 37691
 Ion Ratio Lower Upper
 152 100
 151 25.3 16.4 24.6#



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.335 min Scan# 1176
 Delta R.T. -0.013 min
 Lab File: BN017841.D
 Acq: 09 Dec 2021 19:06

Tgt Ion:164 Resp: 52164
 Ion Ratio Lower Upper
 164 100
 162 104.3 79.0 118.6
 160 47.4 34.6 52.0



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1281) (-)

2,4,6-Tribromophenol

Concen: 0.23 ng

RT: 15.844 min Scan# 1281

Delta R.T. -0.000 min

Lab File: BN017841.D

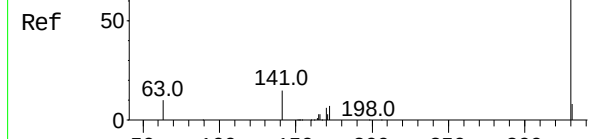
Acq: 09 Dec 2021 19:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-978-980



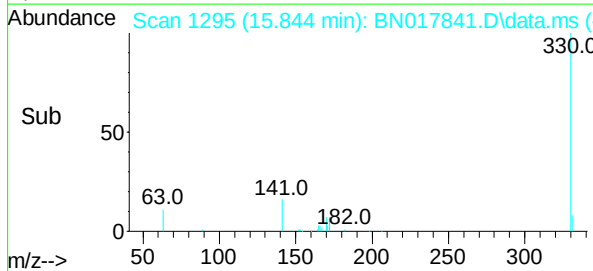
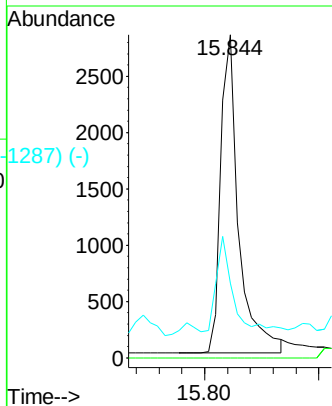
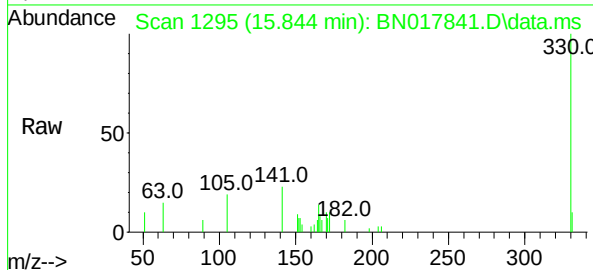
Tgt Ion:330 Resp: 6145

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 27.1 21.5 32.3



Abundance Scan 1059 (12.965 min): BN017764.D\data.ms (-1035) (-)

2-Fluorobiphenyl

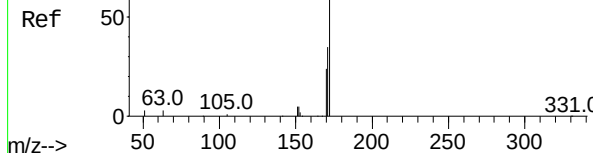
Concen: 0.32 ng

RT: 12.964 min Scan# 1068

Delta R.T. -0.000 min

Lab File: BN017841.D

Acq: 09 Dec 2021 19:06



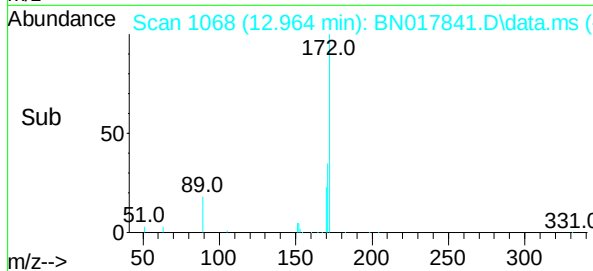
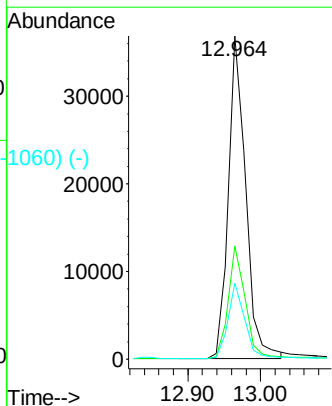
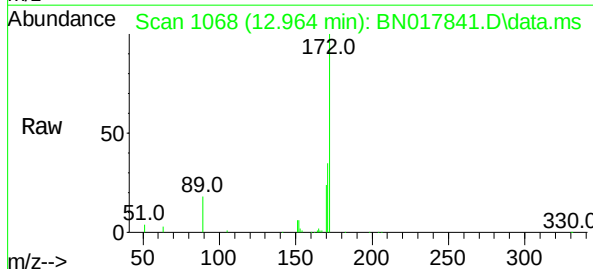
Tgt Ion:172 Resp: 60613

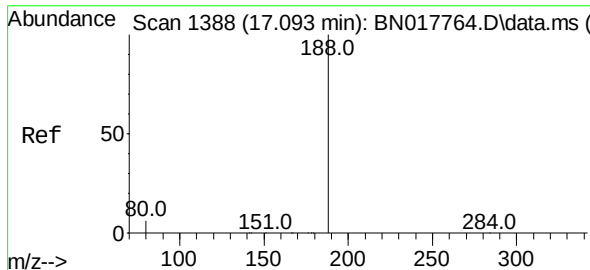
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.6 18.9 28.3

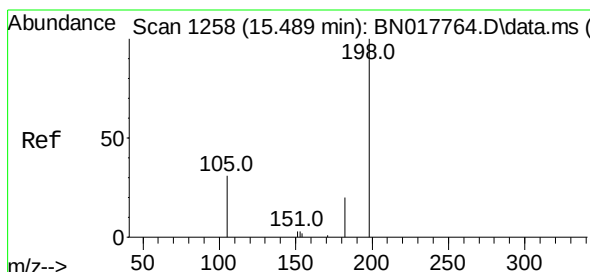
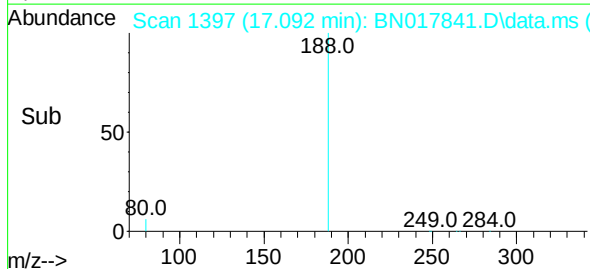
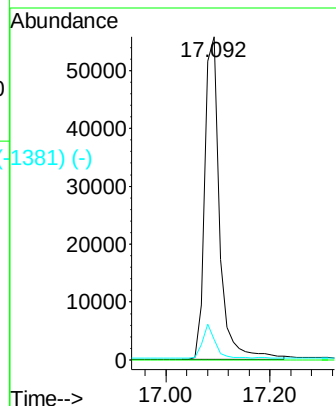
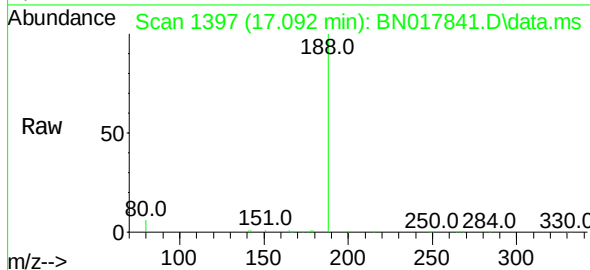




Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017841.D
Acq: 09 Dec 2021 19:06

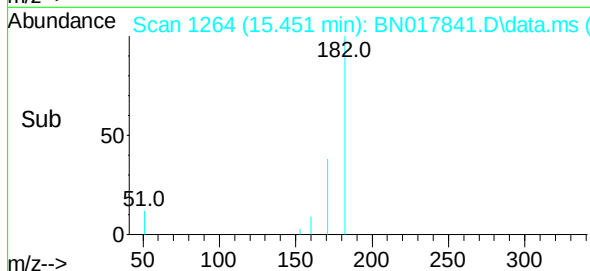
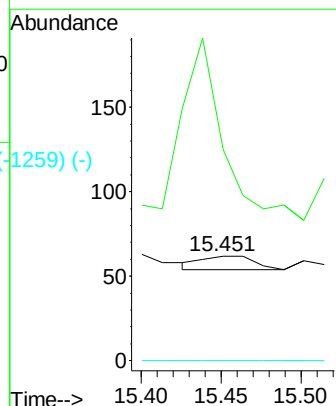
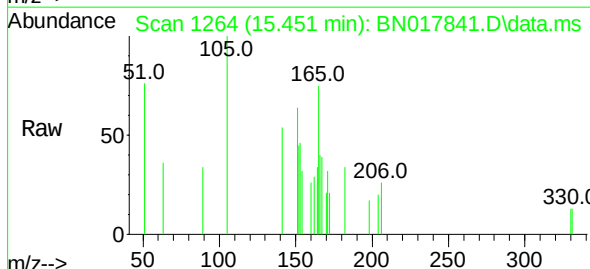
Instrument :
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BP-VPB-RW9-978-980

Tgt Ion:	188	Resp:	110131
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	5.1	7.7

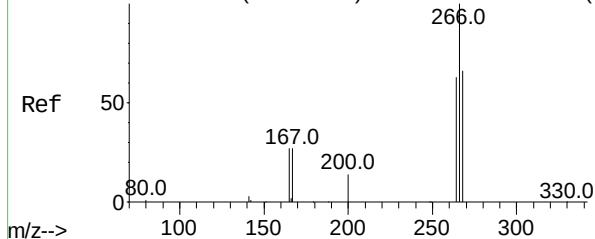


4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.451 min Scan# 1264
Delta R.T. -0.038 min
Lab File: BN017841.D
Acq: 09 Dec 2021 19:06

Tgt Ion:	198	Resp:	18
Ion	Ratio	Lower	Upper
198	100		
182	201.6	44.2	66.2#
77	0.0	0.0	0.0



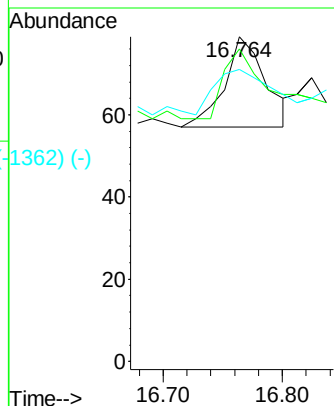
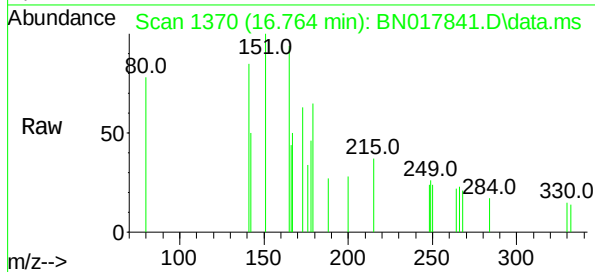
Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1361) (-)



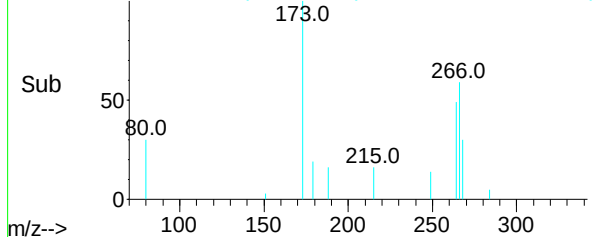
Pentachlorophenol
Concen: 0.28 ng
RT: 16.764 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BN017841.D
Acq: 09 Dec 2021 19:06

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-978-980

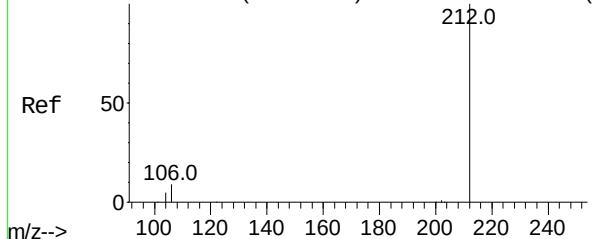
Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
264 103.8 50.8 76.2#
268 58.5 51.8 77.6



Abundance Scan 1370 (16.764 min): BN017841.D\data.ms (-1362) (-)

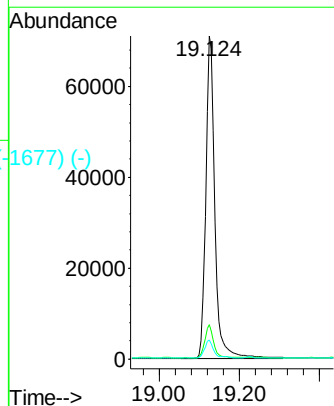
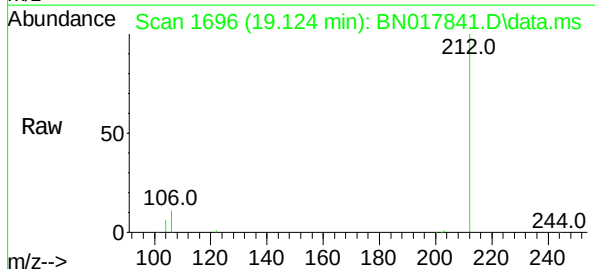


Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)

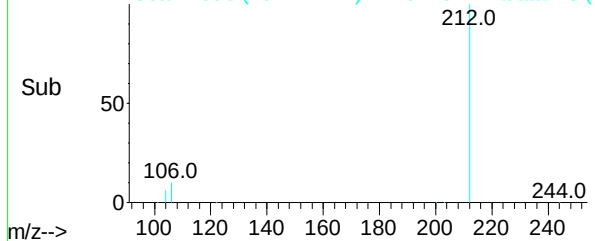


Fluoranthene-d10
Concen: 0.30 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017841.D
Acq: 09 Dec 2021 19:06

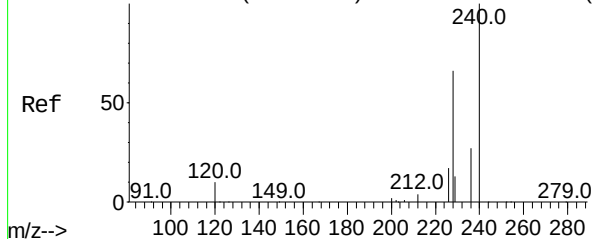
Tgt Ion:212 Resp: 112227
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.2
104 5.2 4.6 6.8



Abundance Scan 1696 (19.124 min): BN017841.D\data.ms (-1677) (-)



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1975) (-)



Chrysene-d12

Concen: 0.40 ng

RT: 21.282 min Scan#

Delta R.T. -0.000 min

Lab File: BN017841.D

Acq: 09 Dec 2021 19:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-978-980

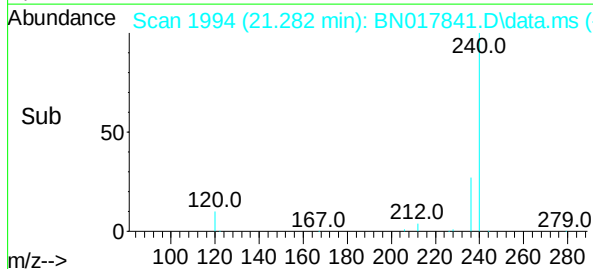
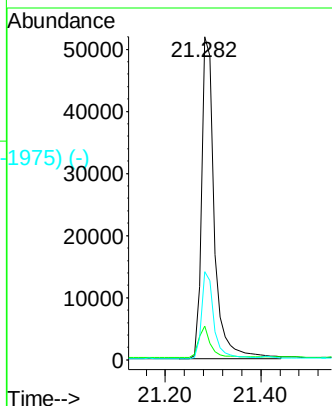
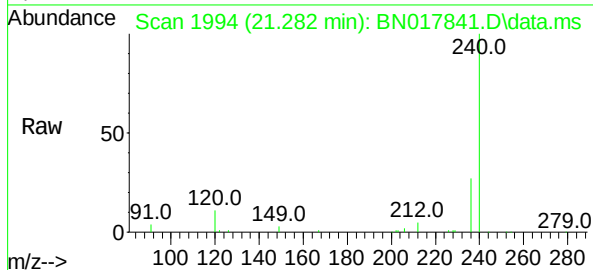
Tgt Ion:240 Resp: 95381

Ion Ratio Lower Upper

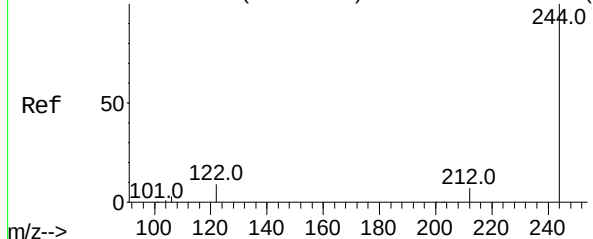
240 100

120 10.6 7.9 11.9

236 27.4 21.4 32.2



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1801) (-)



Terphenyl-d14

Concen: 0.48 ng

RT: 19.730 min Scan# 1818

Delta R.T. -0.005 min

Lab File: BN017841.D

Acq: 09 Dec 2021 19:06

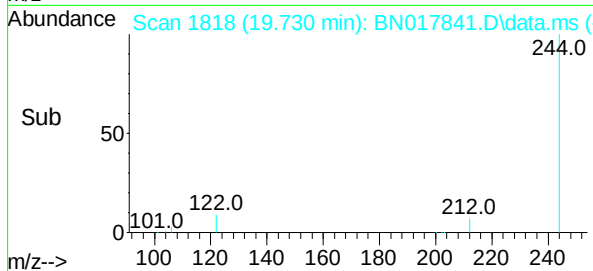
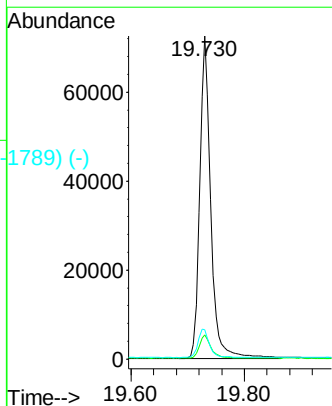
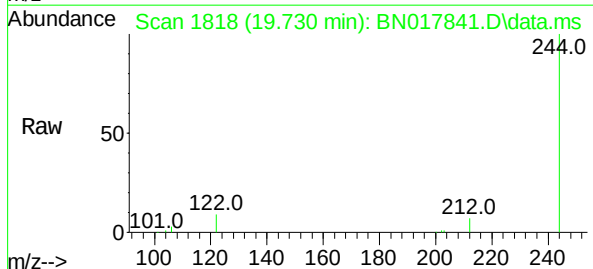
Tgt Ion:244 Resp: 97988

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.0 7.1 10.7



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1979) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.48 ng

RT: 21.208 min Scan# 1987

Delta R.T. -0.011 min

Lab File: BN017841.D

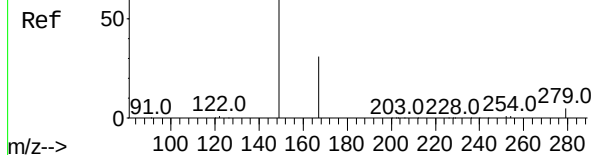
Acq: 09 Dec 2021 19:06

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW9-978-980



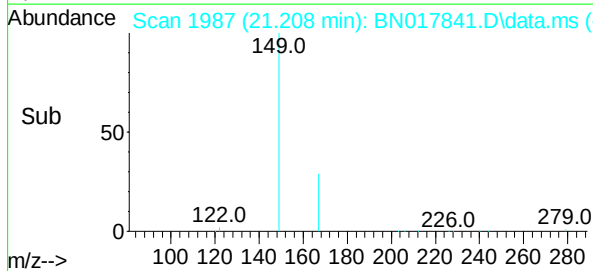
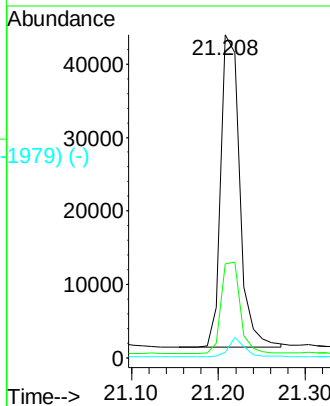
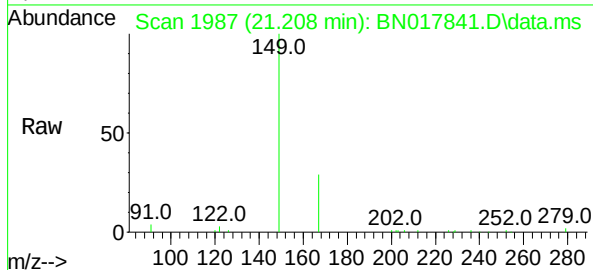
Tgt Ion:149 Resp: 64472

Ion Ratio Lower Upper

149 100

167 29.7 23.5 35.3

279 5.1 3.8 5.6



Abundance Scan 2434 (23.582 min): BN017764.D\data.ms (-2434) (-)

Perylene-d12

Concen: 0.40 ng

RT: 23.586 min Scan# 2444

Delta R.T. 0.003 min

Lab File: BN017841.D

Acq: 09 Dec 2021 19:06

Tgt Ion:264 Resp: 71859

Ion Ratio Lower Upper

264 100

260 25.4 20.0 30.0

265 23.2 20.5 30.7

