

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017357.D
 Acq On : 09 Nov 2021 19:44
 Operator : CG/JU
 Sample : M4504-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20211102

Quant Time: Nov 10 11:21:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 10 11:00:44 2021
 Response via : Initial Calibration

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

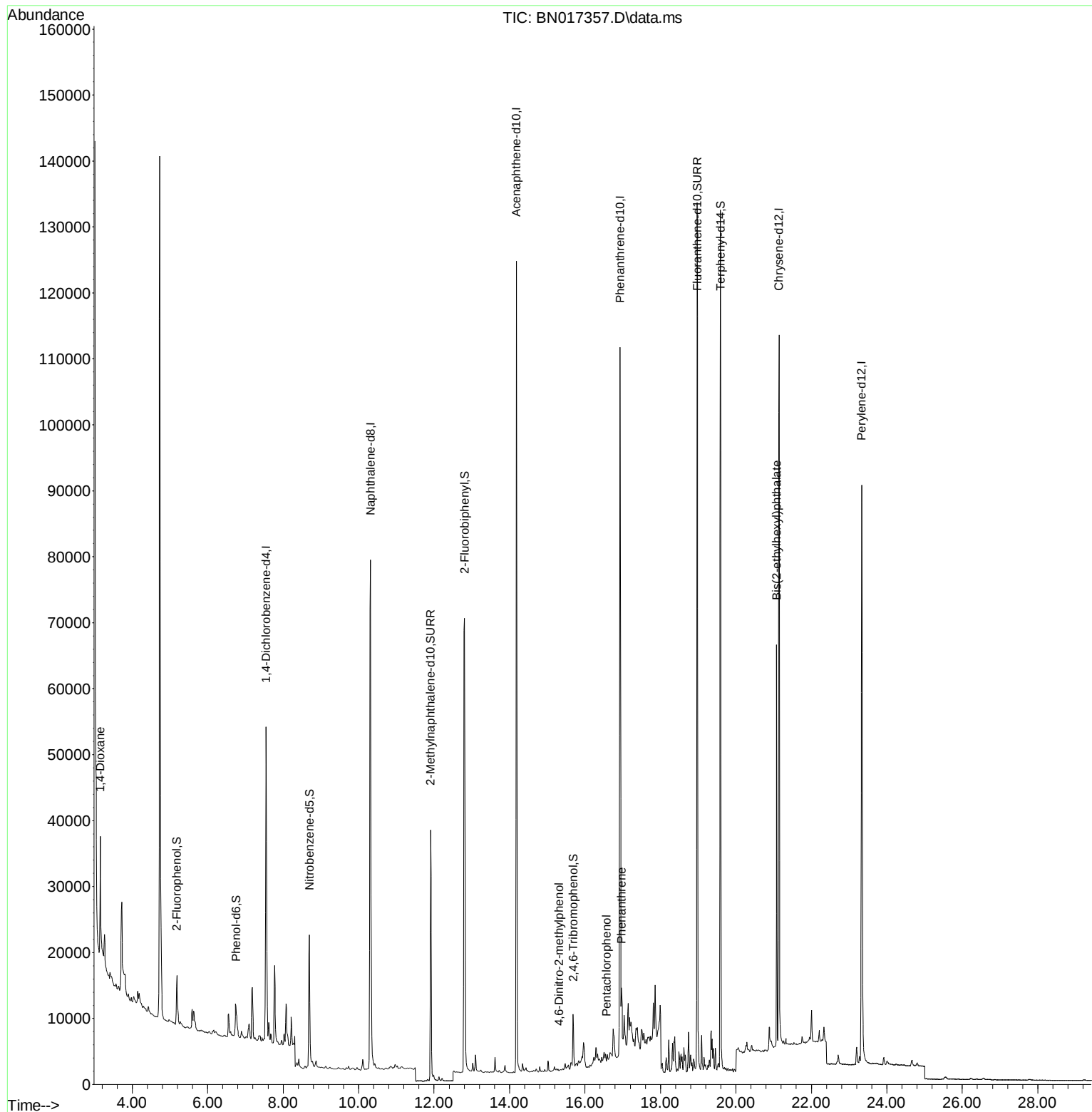
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	26913	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	117441	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	67833	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	134442	0.400	ng	0.00
29) Chrysene-d12	21.144	240	116886	0.400	ng	0.01
35) Perylene-d12	23.335	264	115946	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	8164	0.132	ng	0.02
5) Phenol-d6	6.749	99	5168	0.076	ng	0.02
8) Nitrobenzene-d5	8.697	82	20424	0.290	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	54785	0.317	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	6506	0.257	ng	0.01
15) 2-Fluorobiphenyl	12.811	172	72975	0.283	ng	0.01
27) Fluoranthene-d10	18.975	212	149091	0.435	ng	0.00
31) Terphenyl-d14	19.590	244	132419	0.509	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	10435	0.692	ng	97
20) 4,6-Dinitro-2-methylph...	15.310	198	6	0.187	ng	# 1
24) Pentachlorophenol	16.569	266	11	0.220	ng	# 19
25) Phenanthrene	16.970	178	10530	0.027	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.080	149	48274	0.386	ng	99

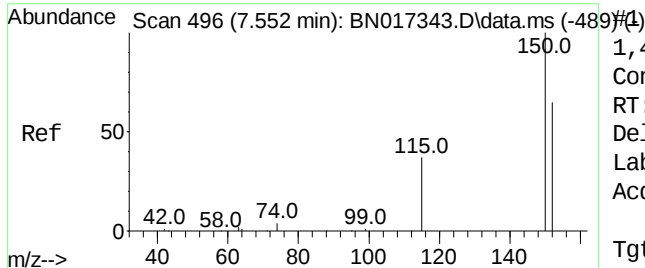
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.551 min Scan# 4

Delta R.T. 0.009 min

Lab File: BN017357.D

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RW8-MW01S-20211102

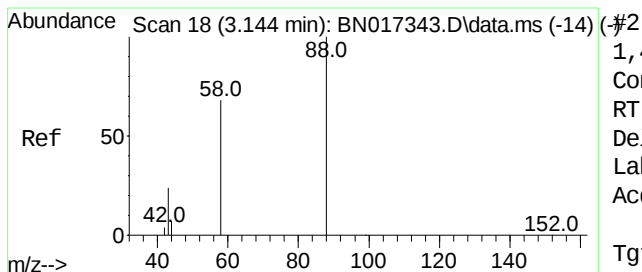
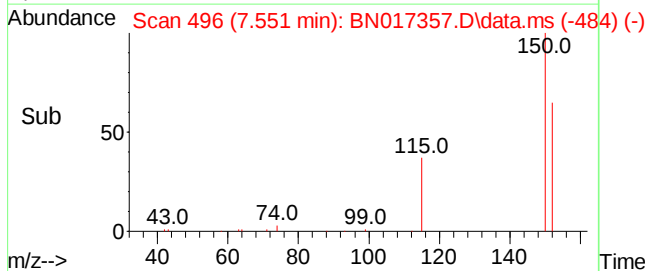
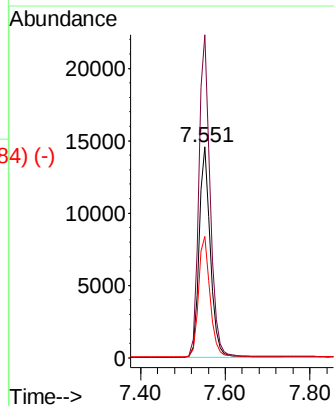
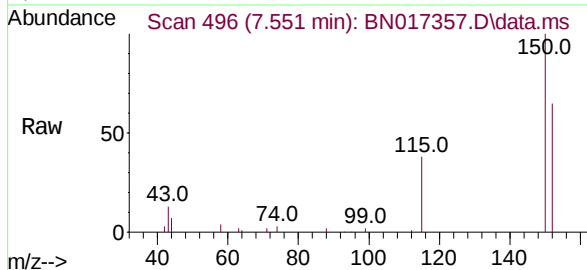
Tgt Ion:152 Resp: 26913

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

115 57.6 45.6 68.4



1,4-Dioxane

Concen: 0.692 ng

RT: 3.153 min Scan# 19

Delta R.T. 0.009 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

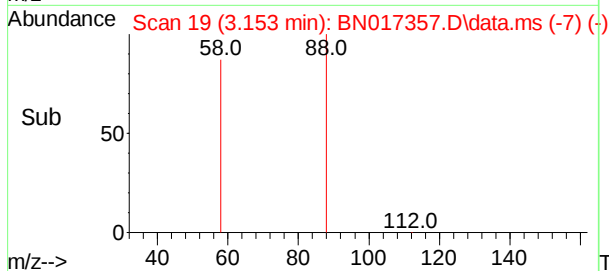
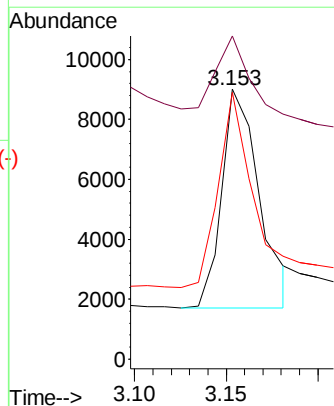
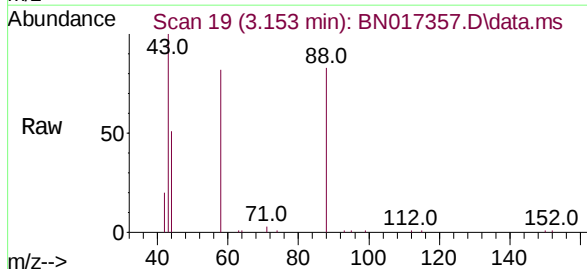
Tgt Ion: 88 Resp: 10435

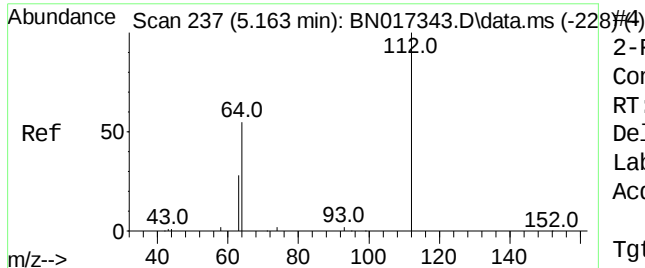
Ion Ratio Lower Upper

88 100

43 30.4 24.7 37.1

58 82.1 63.0 94.6





2-Fluorophenol

Concen: 0.132 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN017357.D

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RW8-MW01S-20211102

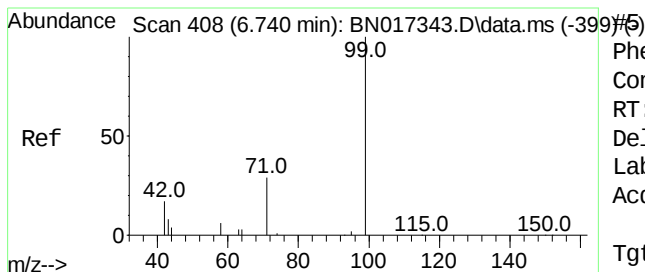
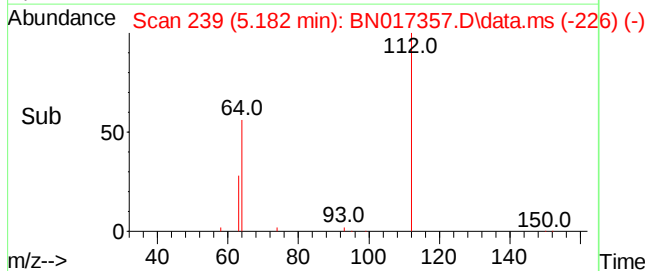
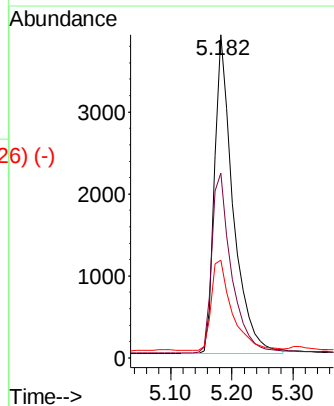
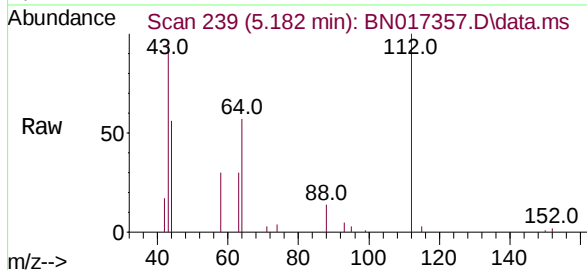
Tgt Ion:112 Resp: 8164

Ion Ratio Lower Upper

112 100

64 59.5 47.6 71.4

63 31.3 24.6 37.0



Phenol-d6

Concen: 0.076 ng

RT: 6.749 min Scan# 409

Delta R.T. 0.018 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

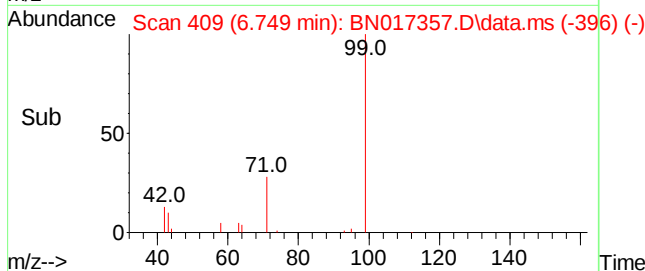
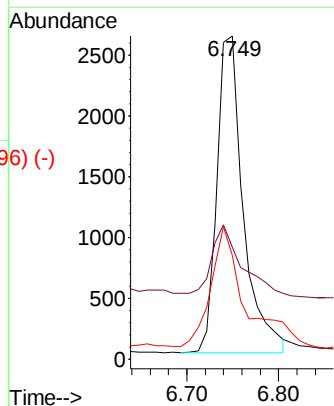
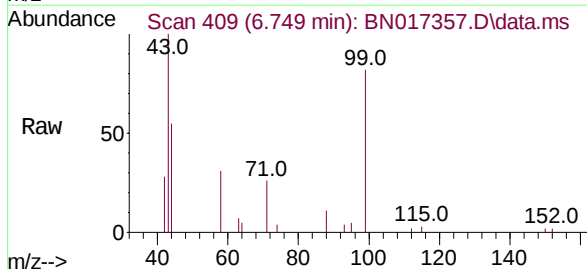
Tgt Ion: 99 Resp: 5168

Ion Ratio Lower Upper

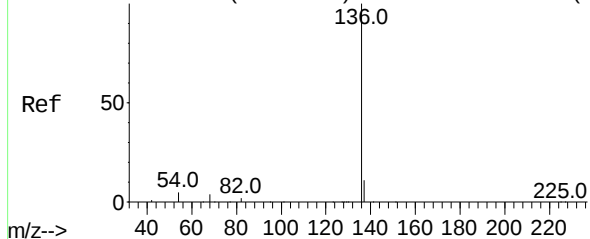
99 100

42 23.1 17.0 25.6

71 47.3 24.8 37.2#



Abundance Scan 737 (10.319 min): BN017343.D\data.ms (-7307-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan#

Delta R.T. 0.012 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20211102

Tgt Ion:136 Resp: 117441

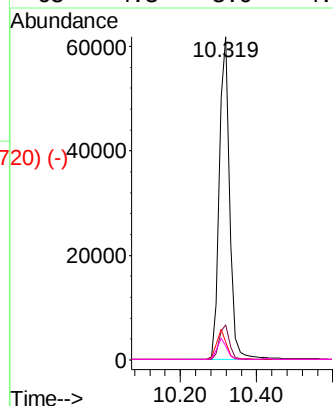
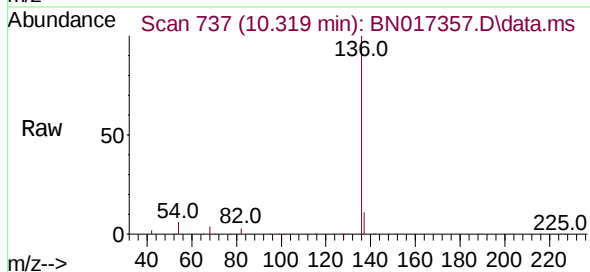
Ion Ratio Lower Upper

136 100

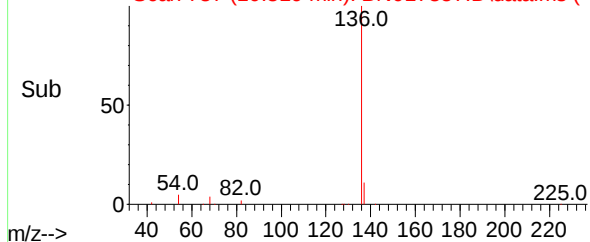
137 10.9 8.8 13.2

54 5.5 4.0 6.0

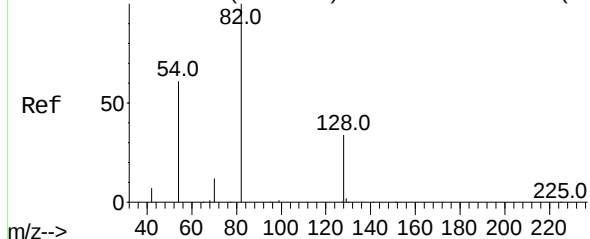
68 4.3 3.0 4.6



Abundance Scan 737 (10.319 min): BN017357.D\data.ms (-720) (-)



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-60578)



Nitrobenzene-d5

Concen: 0.290 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.012 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

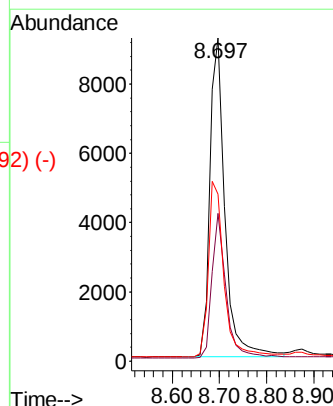
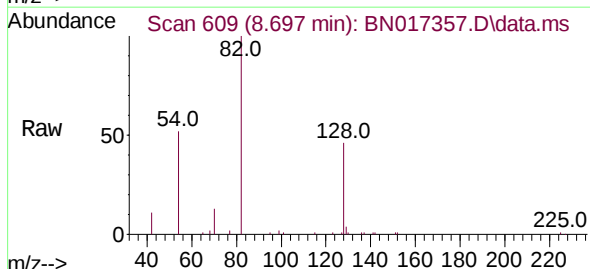
Tgt Ion: 82 Resp: 20424

Ion Ratio Lower Upper

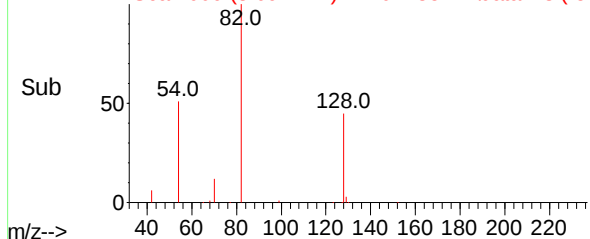
82 100

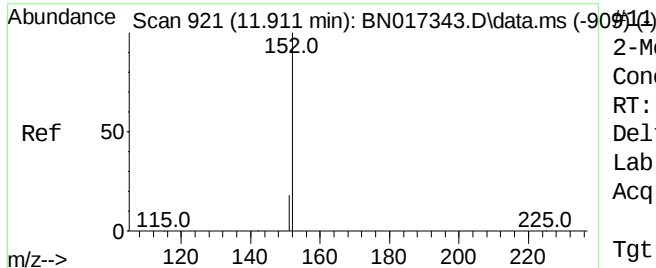
128 45.8 27.7 41.5#

54 51.6 49.2 73.8



Abundance Scan 609 (8.697 min): BN017357.D\data.ms (-592) (-)

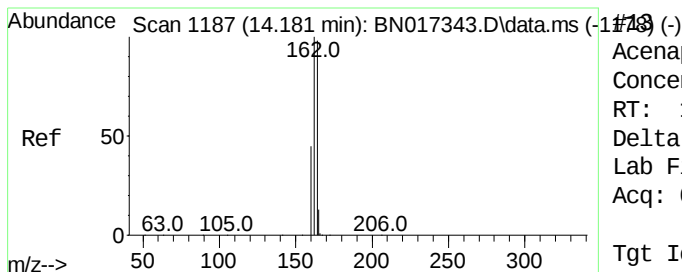
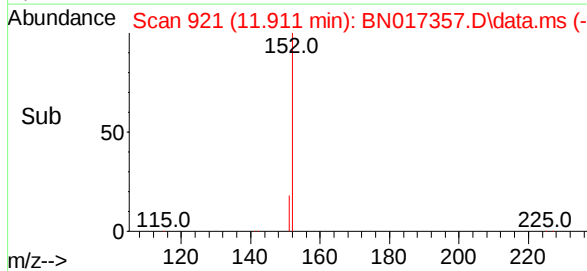
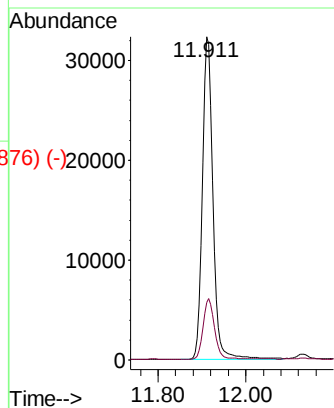
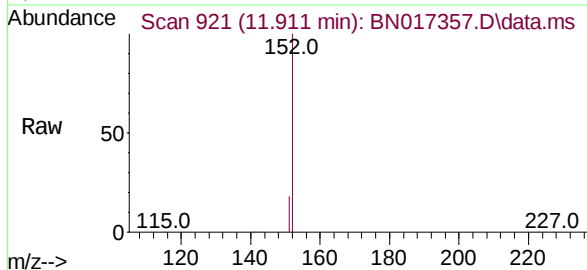




2-Methylnaphthalene-d10
 Concen: 0.317 ng
 RT: 11.911 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: BN017357.D
 Acq: 09 Nov 2021 19:44

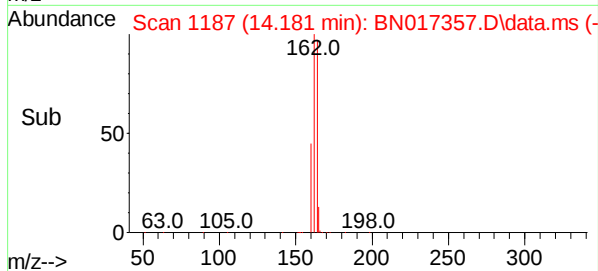
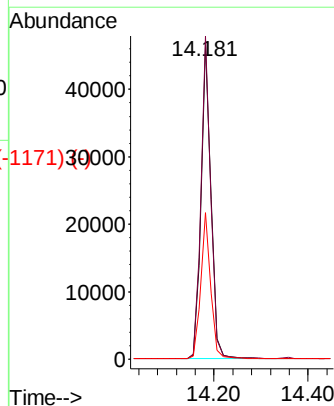
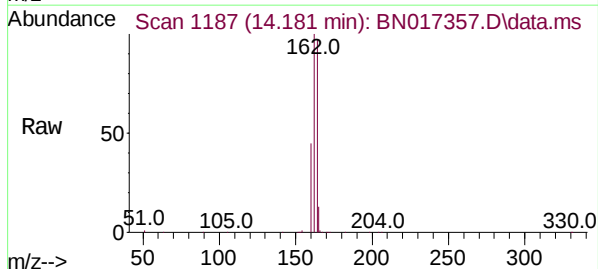
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20211102

Tgt Ion:152 Resp: 54785
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.2 24.4



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.181 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BN017357.D
 Acq: 09 Nov 2021 19:44

Tgt Ion:164 Resp: 67833
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.4 122.2
 160 46.7 36.8 55.2



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1304) (-)

2,4,6-Tribromophenol

Concen: 0.257 ng

RT: 15.691 min Scan# 1305

Delta R.T. 0.012 min

Lab File: BN017357.D

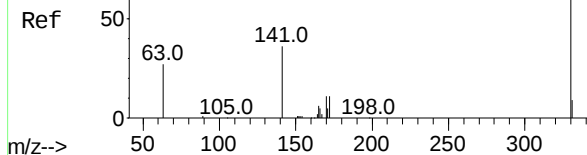
Acq: 09 Nov 2021 19:44

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20211102



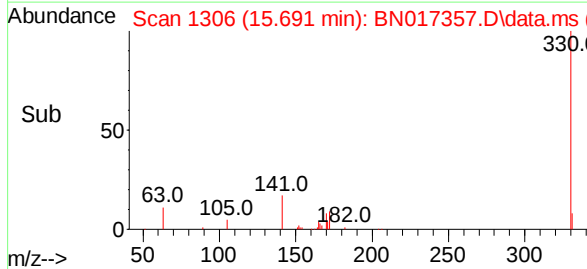
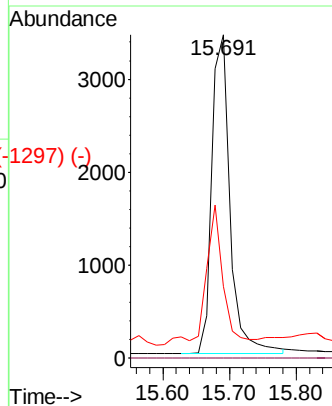
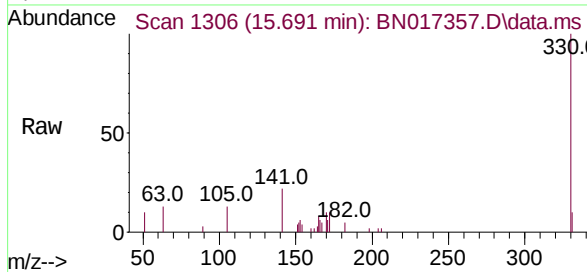
Tgt Ion:330 Resp: 6506

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 41.0 28.9 43.3



Abundance Scan 1078 (12.798 min): BN017343.D\data.ms (-1074) (-)

2-Fluorobiphenyl

Concen: 0.283 ng

RT: 12.811 min Scan# 1079

Delta R.T. 0.012 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

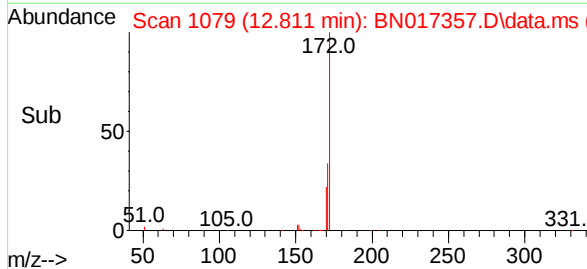
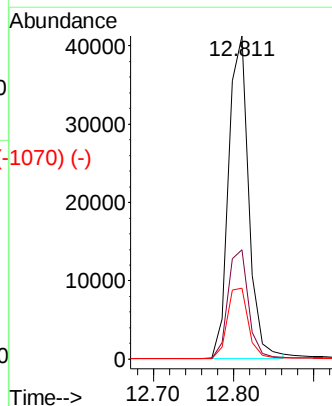
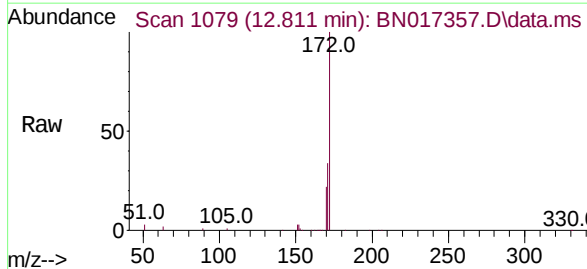
Tgt Ion:172 Resp: 72975

Ion Ratio Lower Upper

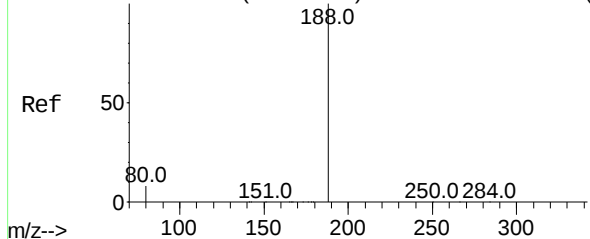
172 100

171 33.9 28.7 43.1

170 22.0 19.4 29.2



Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1407) (-)



Phenanthrene-d10

Concen: 0.400 ng

RT: 16.934 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20211102

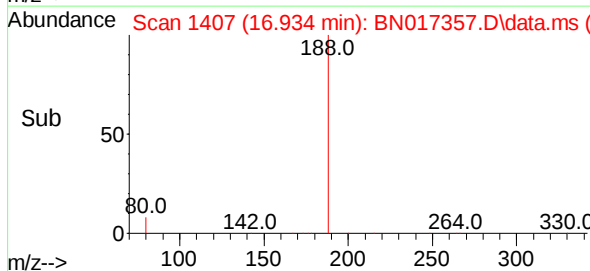
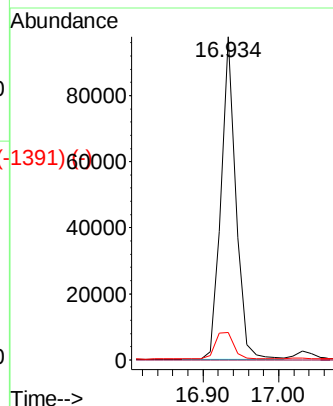
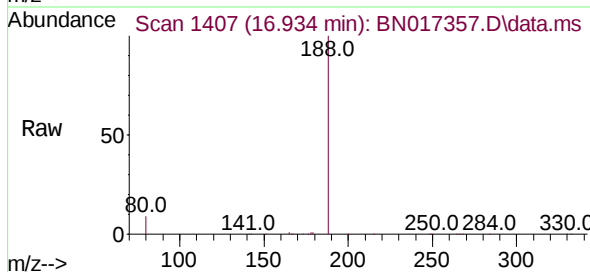
Tgt Ion:188 Resp: 134442

Ion Ratio Lower Upper

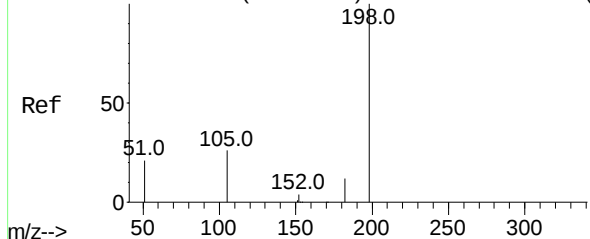
188 100

94 0.0 0.0 0.0

80 8.6 6.1 9.1



Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1278) (-)



4,6-Dinitro-2-methylphenol

Concen: 0.187 ng

RT: 15.310 min Scan# 1276

Delta R.T. -0.026 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

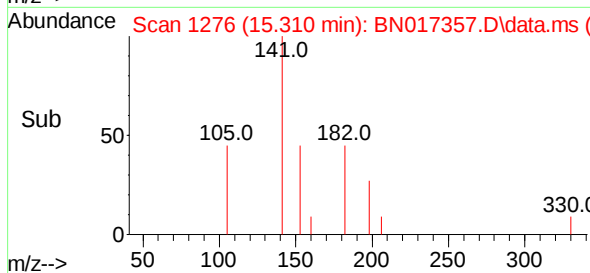
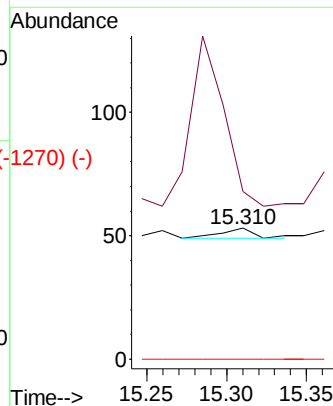
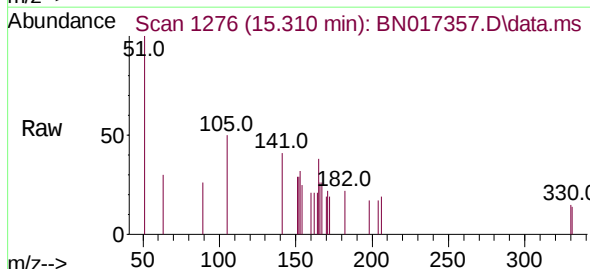
Tgt Ion:198 Resp: 6

Ion Ratio Lower Upper

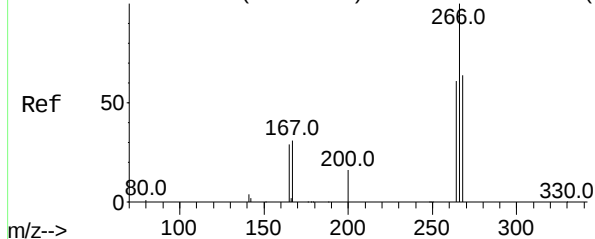
198 100

182 128.3 11.4 17.2#

77 0.0 0.0 0.0



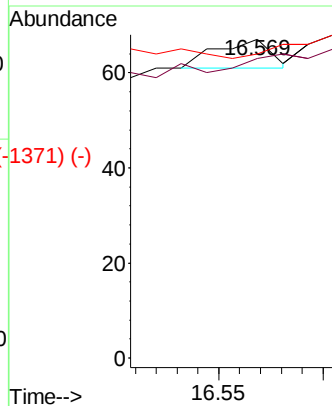
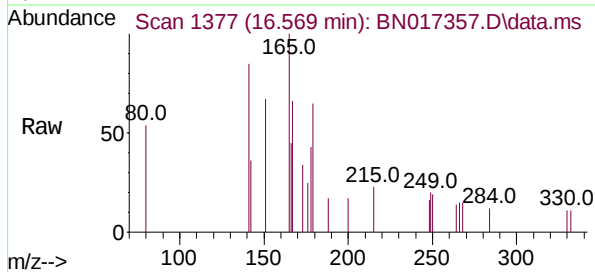
Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1374) (-)



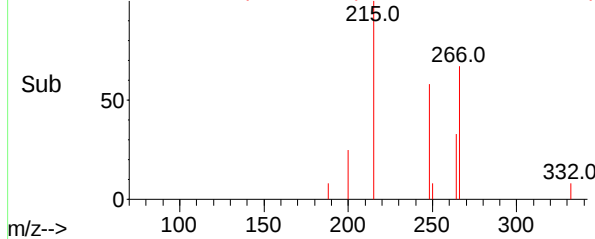
Pentachlorophenol
Concen: 0.220 ng
RT: 16.569 min Scan# 1379
Delta R.T. -0.025 min
Lab File: BN017357.D
Acq: 09 Nov 2021 19:44

Instrument :
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ClientSampleId :
RW8-MW01S-20211102

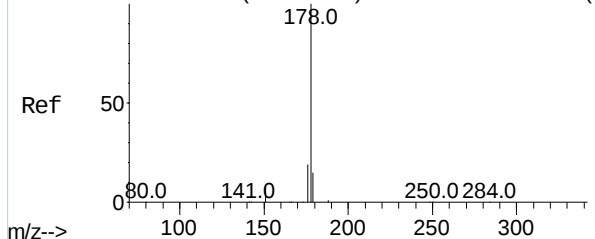
Tgt Ion:266 Resp: 11
Ion Ratio Lower Upper
266 100
264 0.0 49.8 74.8#
268 0.0 51.3 76.9#



Abundance Scan 1377 (16.569 min): BN017357.D\data.ms (-1371) (-)

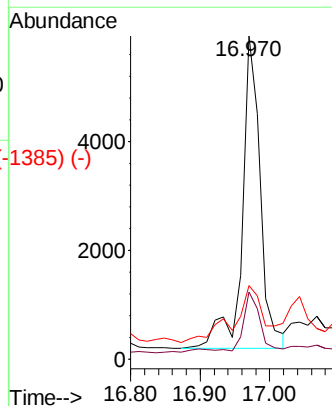
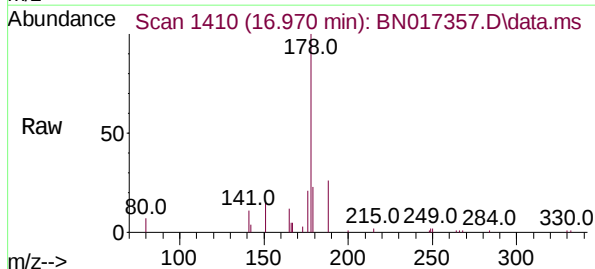


Abundance Scan 1410 (16.970 min): BN017343.D\data.ms (-1425) (-)

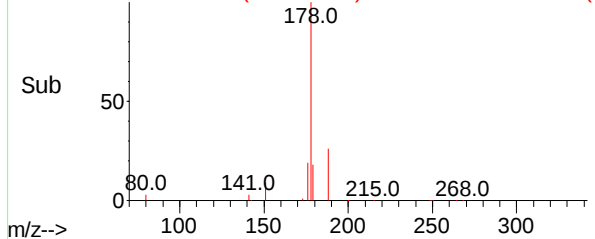


Phenanthrene
Concen: 0.027 ng
RT: 16.970 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN017357.D
Acq: 09 Nov 2021 19:44

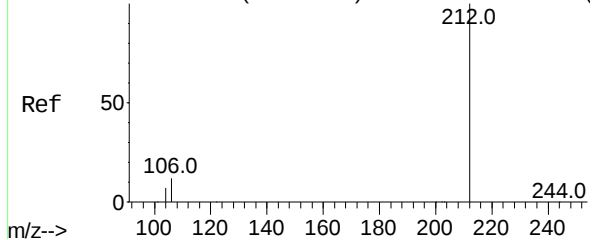
Tgt Ion:178 Resp: 10530
Ion Ratio Lower Upper
178 100
176 15.7 15.0 22.6
179 29.3 12.3 18.5#



Abundance Scan 1410 (16.970 min): BN017357.D\data.ms (-1385) (-)



Abundance Scan 1689 (18.975 min): BN017343.D\data.ms (-1629) (-)



Fluoranthene-d10

Concen: 0.435 ng

RT: 18.975 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20211102

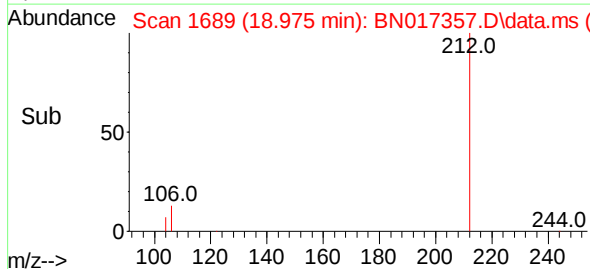
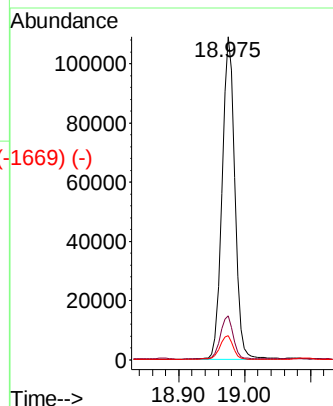
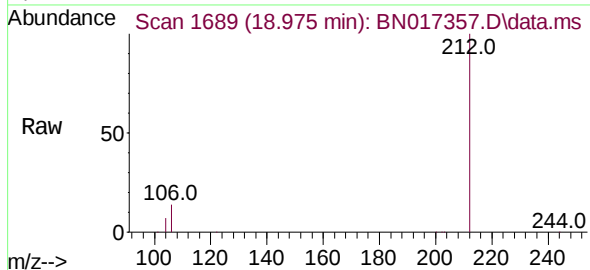
Tgt Ion:212 Resp: 149091

Ion Ratio Lower Upper

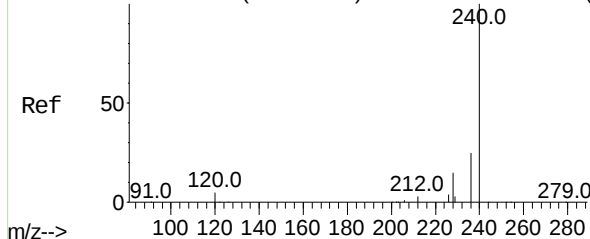
212 100

106 13.3 10.5 15.7

104 7.5 5.8 8.6



Abundance Scan 2004 (21.144 min): BN017343.D\data.ms (-1929) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.144 min Scan# 2004

Delta R.T. 0.010 min

Lab File: BN017357.D

Acq: 09 Nov 2021 19:44

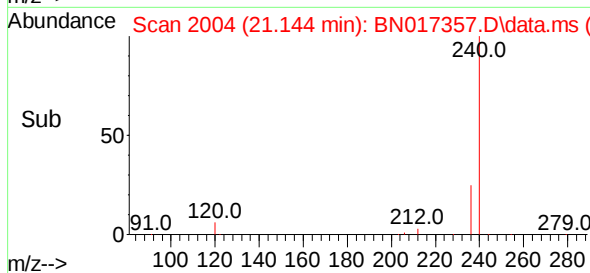
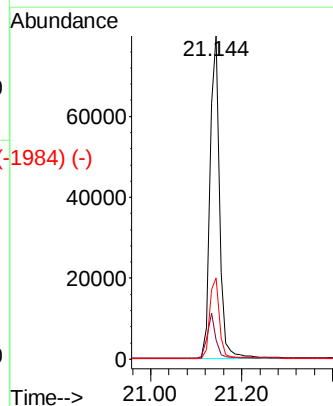
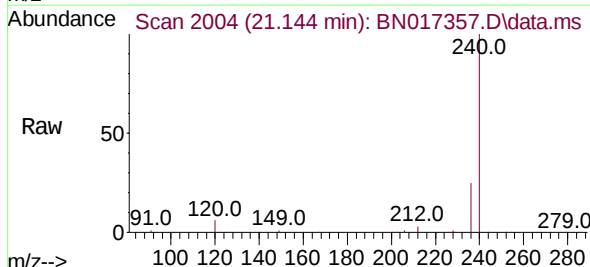
Tgt Ion:240 Resp: 116886

Ion Ratio Lower Upper

240 100

120 6.0 4.2 6.2

236 25.1 20.0 30.0



Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1783) (-)

Terphenyl-d14

Concen: 0.509 ng

RT: 19.590 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017357.D

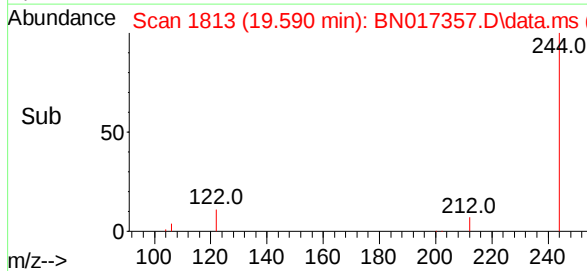
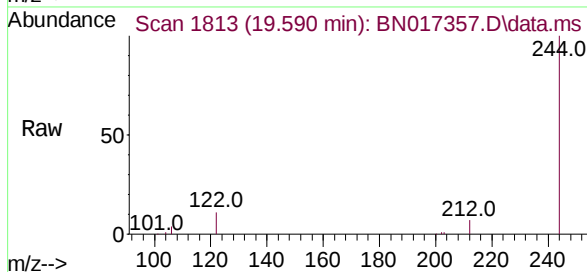
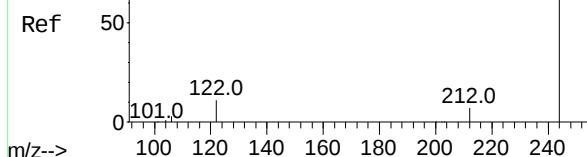
Acq: 09 Nov 2021 19:44

Instrument :

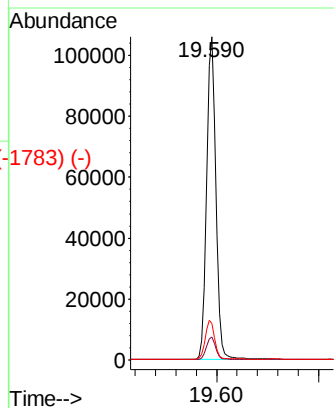
BNA_N

ClientSampleId :

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Tgt Ion:	244	Resp:	132419
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.3	8.6	13.0



Abundance Scan 1998 (21.080 min): BN017343.D\data.ms (-1989) (-)

Bis(2-ethylhexyl)phthalate

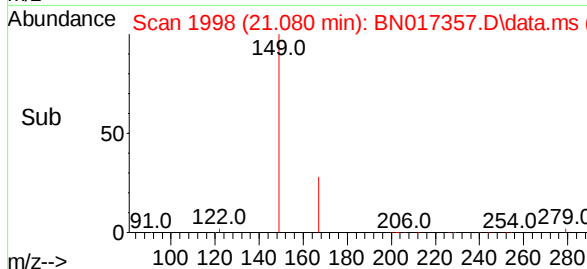
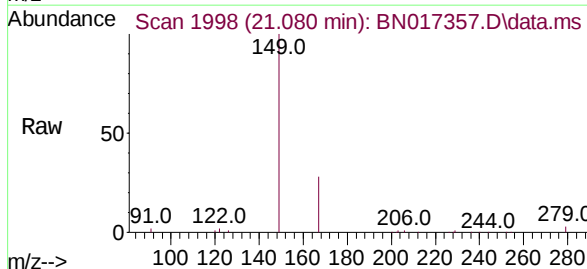
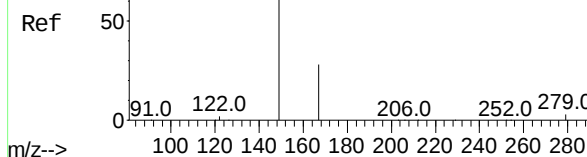
Concen: 0.386 ng

RT: 21.080 min Scan# 1998

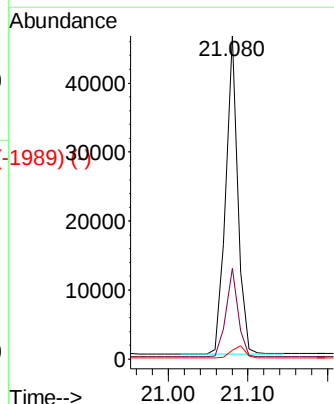
Delta R.T. -0.000 min

Lab File: BN017357.D

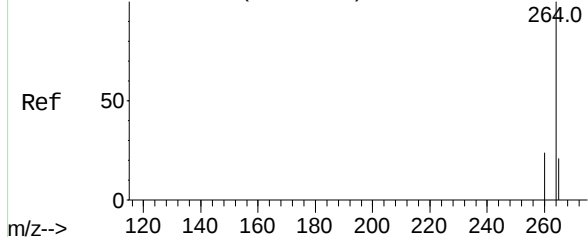
Acq: 09 Nov 2021 19:44



Tgt Ion:	149	Resp:	48274
Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.6
279	4.5	3.4	5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2350) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN017357.D

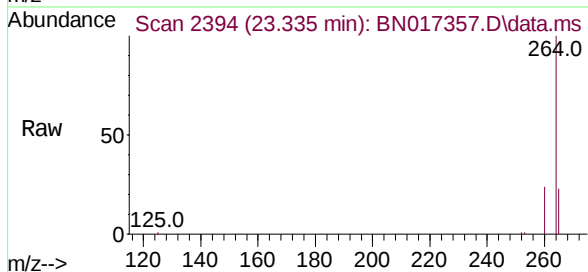
Acq: 09 Nov 2021 19:44

Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20211102



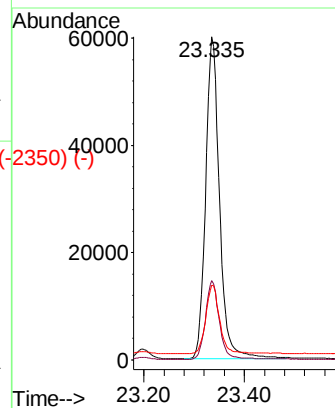
Tgt Ion:264 Resp: 115946

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 23.1 18.6 28.0



Abundance Scan 2394 (23.335 min): BN017357.D\data.ms (-2350) (-)

