

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017356.D
 Acq On : 09 Nov 2021 19:07
 Operator : CG/JU
 Sample : M4504-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20211102

Quant Time: Nov 10 11:21:24 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)

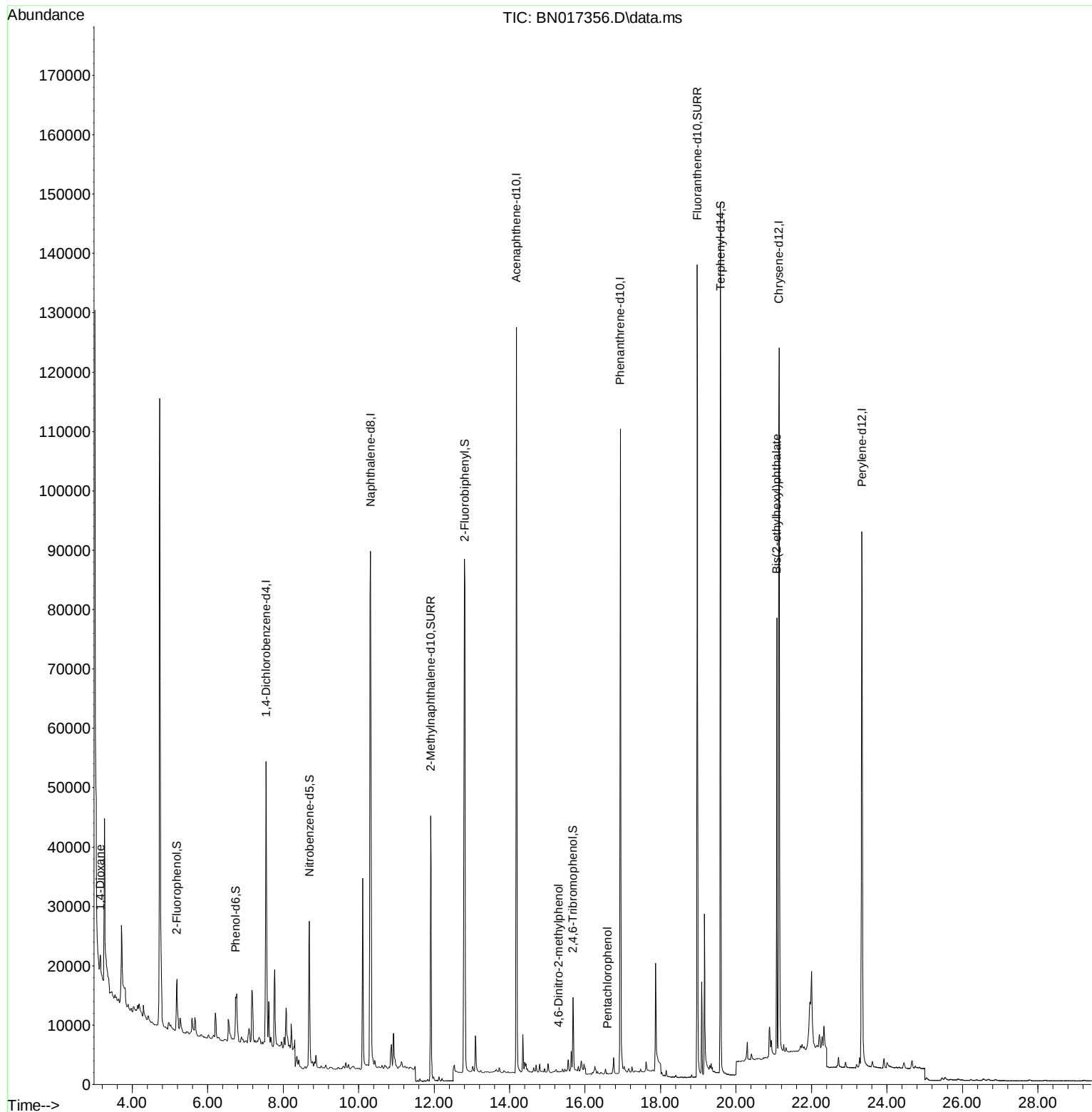
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	27157	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	128116	0.400	ng	0.01
13) Acenaphthene-d10	14.181	164	68999	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	137124	0.400	ng	0.00
29) Chrysene-d12	21.144	240	129614	0.400	ng	0.01
35) Perylene-d12	23.335	264	123016	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	9915	0.158	ng	0.02
5) Phenol-d6	6.740	99	6821	0.099	ng	0.00
8) Nitrobenzene-d5	8.697	82	23526	0.306	ng	0.01
11) 2-Methylnaphthalene-d10	11.911	152	62608	0.332	ng	0.00
14) 2,4,6-Tribromophenol	15.679	330	9786	0.380	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	85925	0.327	ng	0.01
27) Fluoranthene-d10	18.975	212	154675	0.442	ng	0.00
31) Terphenyl-d14	19.591	244	149538	0.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	1459	0.096	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.298	198	11	0.187	ng	# 1
24) Pentachlorophenol	16.593	266	31	0.221	ng	# 40
34) Bis(2-ethylhexyl)phtha...	21.080	149	57442	0.414	ng	# 99

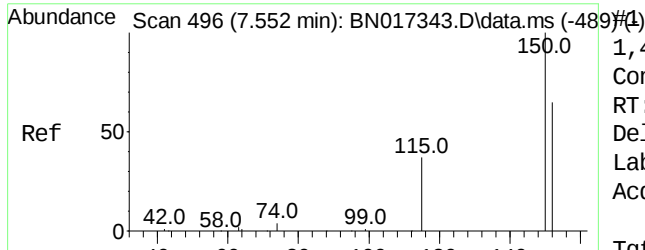
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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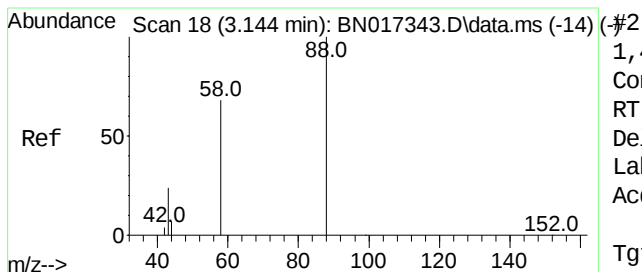
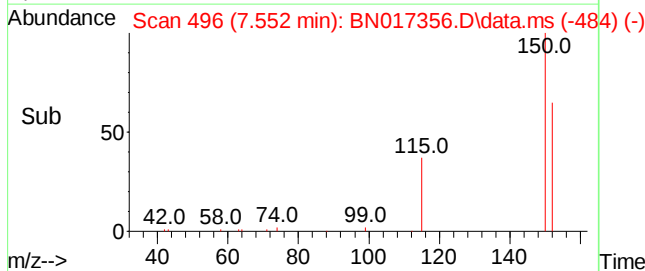
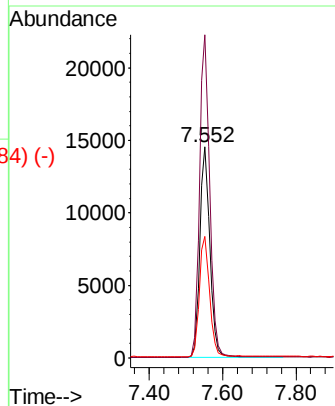
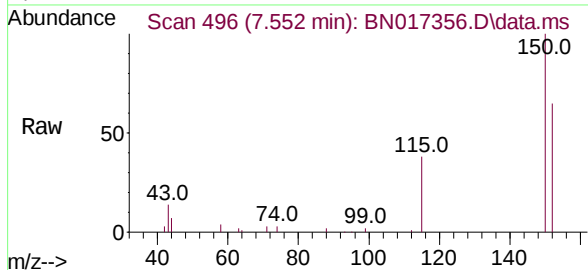




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 4
 Delta R.T. 0.010 min
 Lab File: BN017356.D
 Acq: 09 Nov 2021 19:07

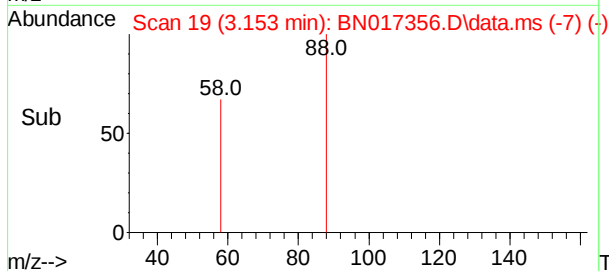
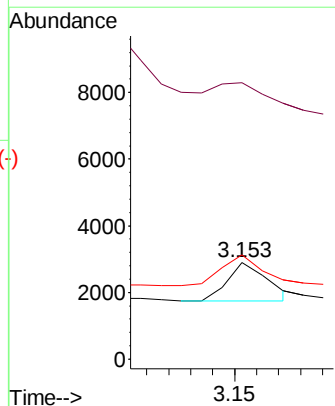
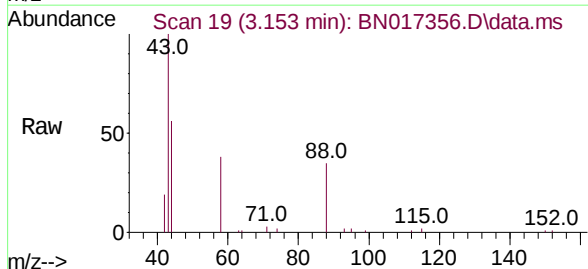
Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01D1-20211102

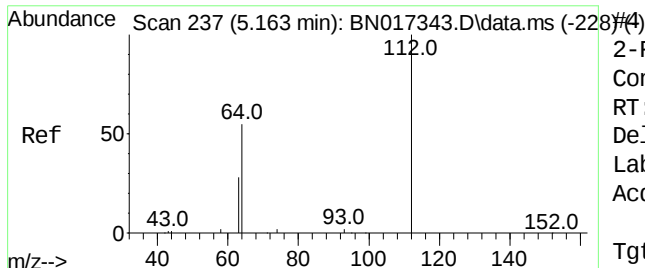
Tgt Ion:	152	Resp:	27157
Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.0	184.4
115	57.6	45.6	68.4



1,4-Dioxane
 Concen: 0.096 ng
 RT: 3.153 min Scan# 19
 Delta R.T. 0.009 min
 Lab File: BN017356.D
 Acq: 09 Nov 2021 19:07

Tgt Ion:	88	Resp:	1459
Ion	Ratio	Lower	Upper
88	100		
43	55.3	24.7	37.1#
58	81.3	63.0	94.6





2-Fluorophenol

Concen: 0.158 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

Instrument :

BNA_N

ClientSampleId :

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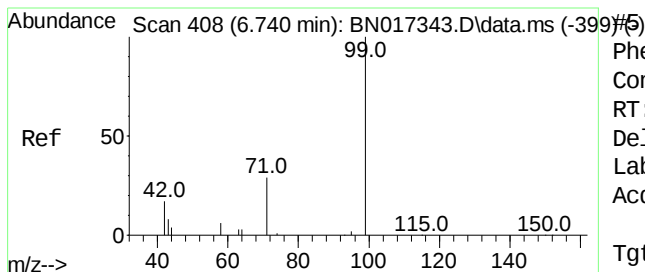
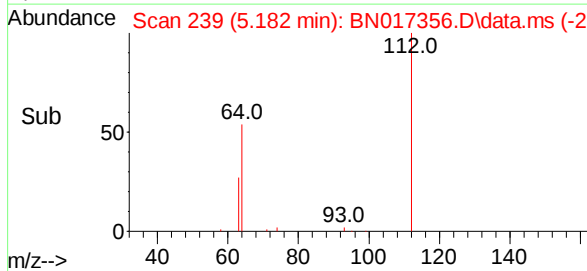
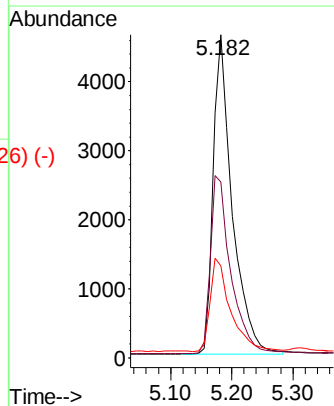
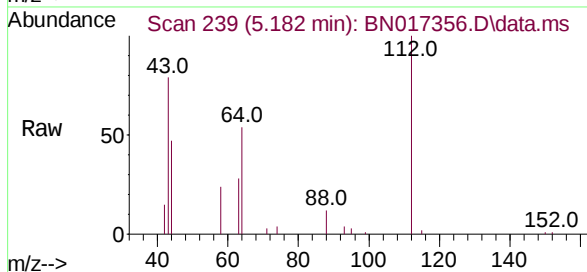
Tgt Ion:112 Resp: 9915

Ion Ratio Lower Upper

112 100

64 59.5 47.6 71.4

63 31.6 24.6 37.0



Phenol-d6

Concen: 0.099 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.009 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

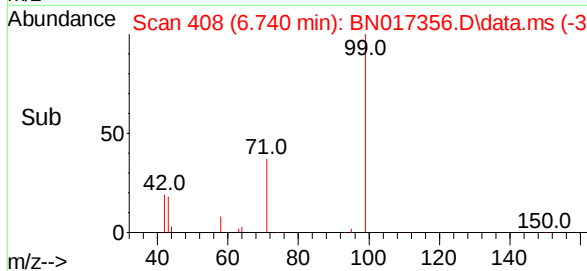
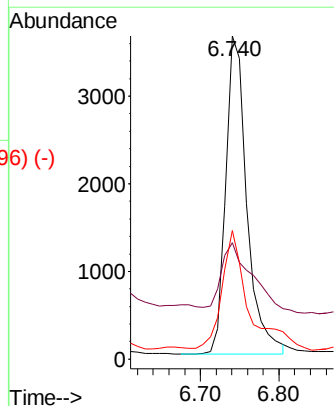
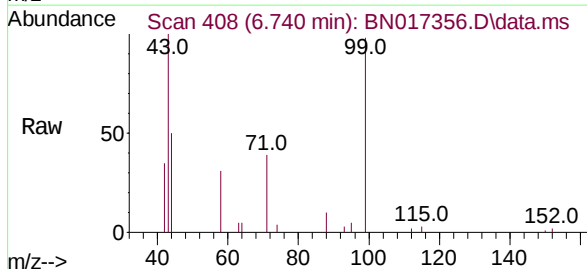
Tgt Ion: 99 Resp: 6821

Ion Ratio Lower Upper

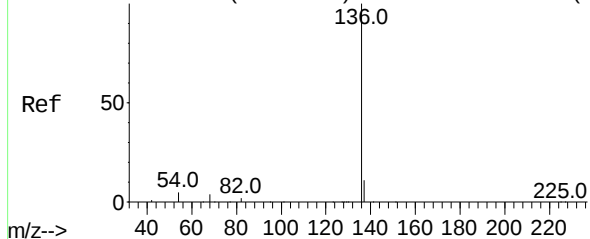
99 100

42 27.7 17.0 25.6#

71 43.3 24.8 37.2#



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



Naphthalene-d8

Concen: 0.400 ng

RT: 10.319 min Scan#

Delta R.T. 0.013 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:136 Resp: 128116

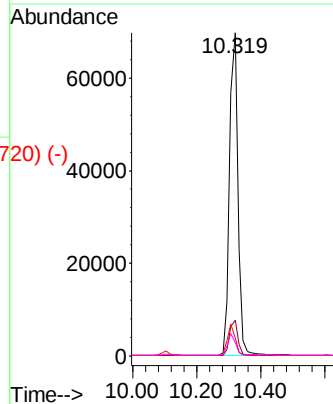
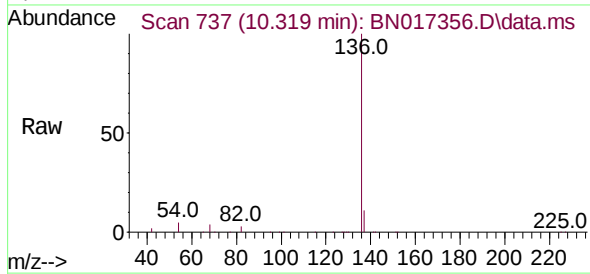
Ion Ratio Lower Upper

136 100

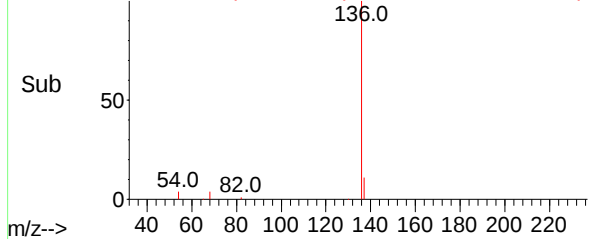
137 11.0 8.8 13.2

54 5.4 4.0 6.0

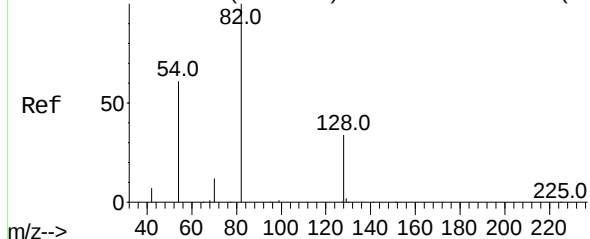
68 4.1 3.0 4.6



Abundance Scan 737 (10.319 min): BN017356.D\data.ms (-720) (-)



Abundance Scan 608 (8.684 min): BN017343.D\data.ms (-605) (-)



Nitrobenzene-d5

Concen: 0.306 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.013 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

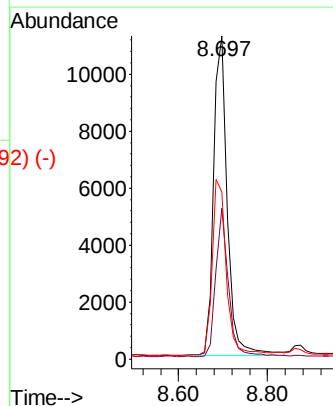
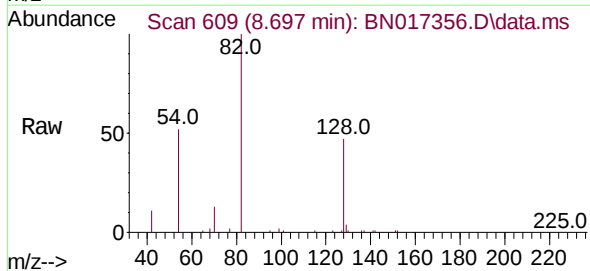
Tgt Ion: 82 Resp: 23526

Ion Ratio Lower Upper

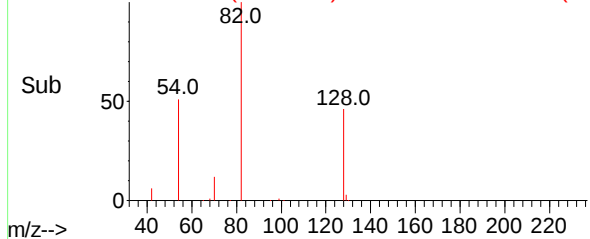
82 100

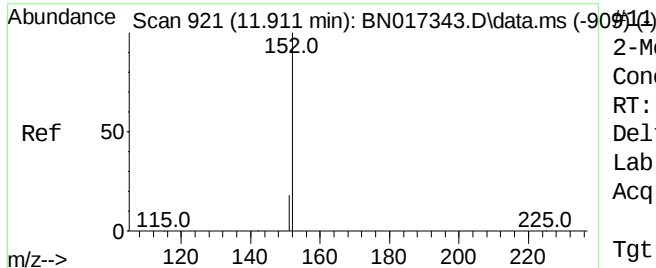
128 46.6 27.7 41.5#

54 51.7 49.2 73.8



Abundance Scan 609 (8.697 min): BN017356.D\data.ms (-592) (-)





2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 11.911 min Scan# 921

Delta R.T. 0.000 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

Instrument :

BNA_N

ClientSampleId :

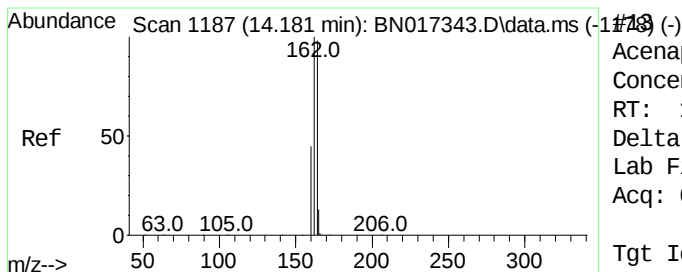
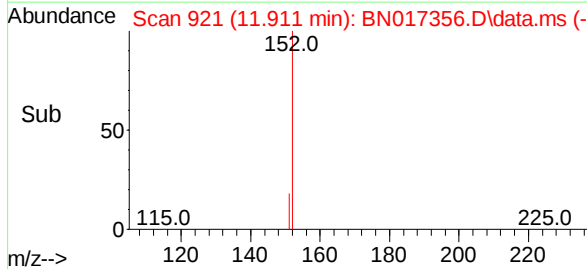
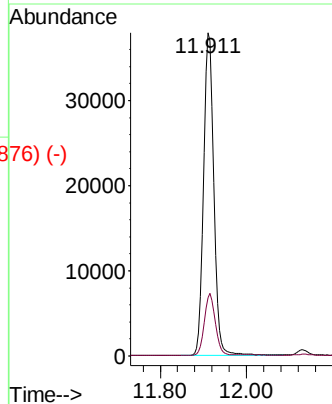
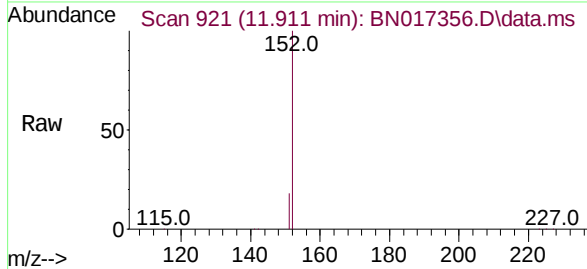
RW8-MW01D1-20211102

Tgt Ion:152 Resp: 62608

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: BN017356.D

Acq: 09 Nov 2021 19:07

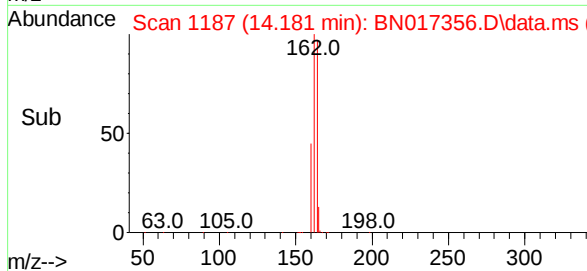
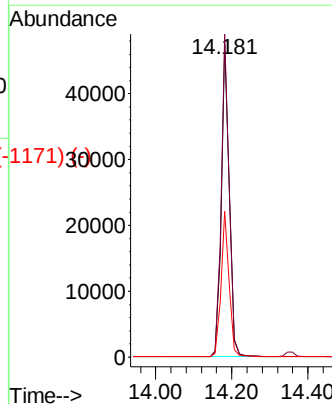
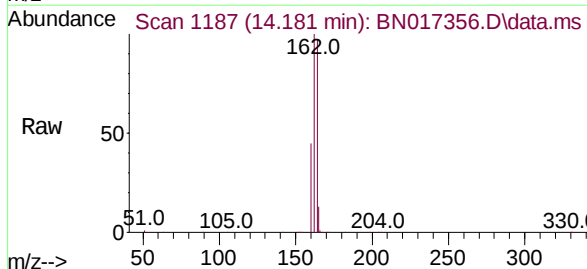
Tgt Ion:164 Resp: 68999

Ion Ratio Lower Upper

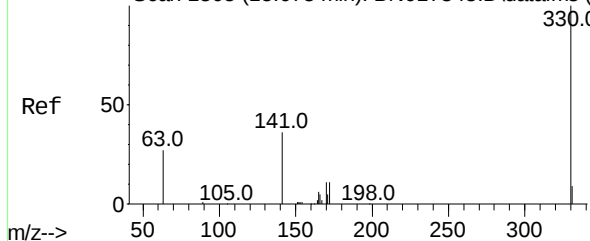
164 100

162 103.2 81.4 122.2

160 46.5 36.8 55.2



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



2,4,6-Tribromophenol

Concen: 0.380 ng

RT: 15.679 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

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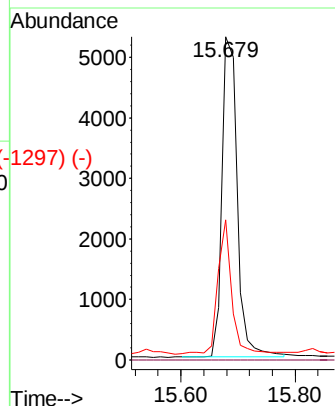
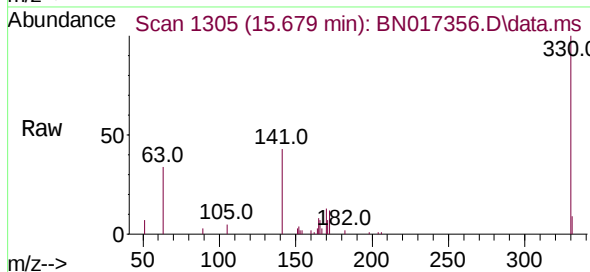
Tgt Ion:330 Resp: 9786

Ion Ratio Lower Upper

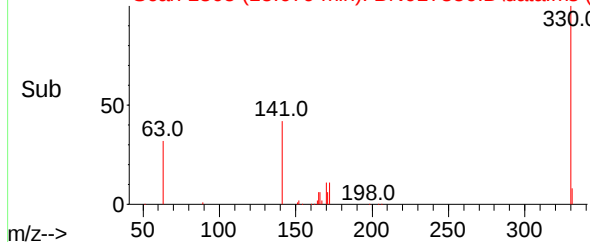
330 100

332 0.0 0.0 0.0

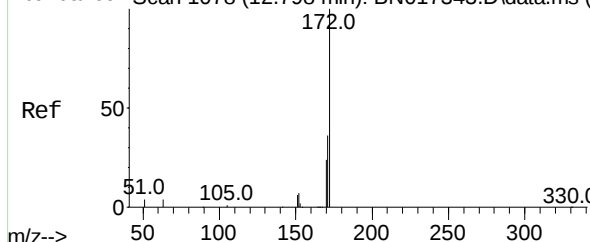
141 37.1 28.9 43.3



Abundance Scan 1305 (15.679 min): BN017356.D\data.ms (-1297) (-)



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



2-Fluorobiphenyl

Concen: 0.327 ng

RT: 12.811 min Scan# 1079

Delta R.T. 0.013 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

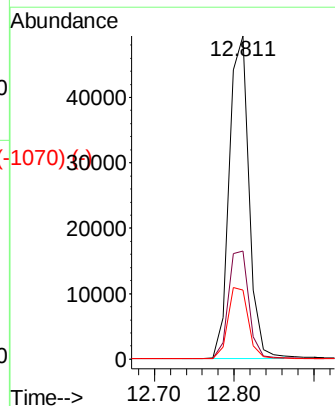
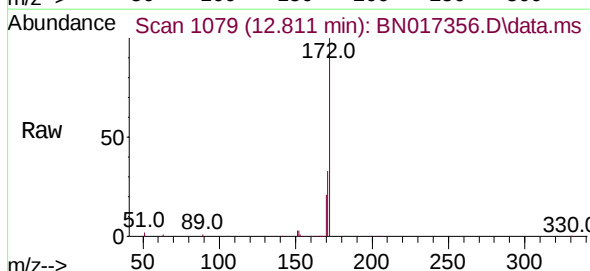
Tgt Ion:172 Resp: 85925

Ion Ratio Lower Upper

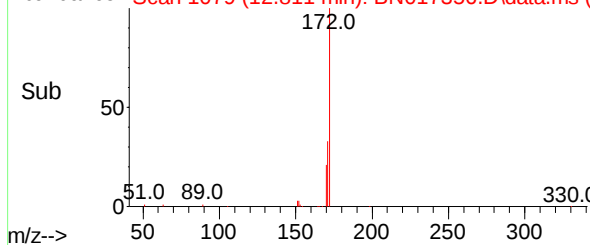
172 100

171 33.4 28.7 43.1

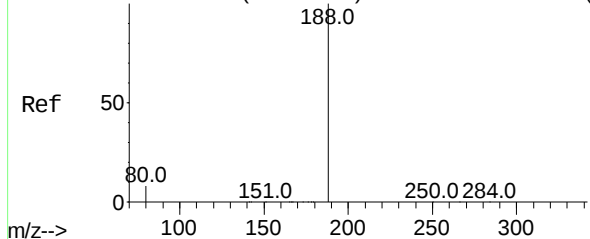
170 21.4 19.4 29.2



Abundance Scan 1079 (12.811 min): BN017356.D\data.ms (-1070) (-)



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: BN017356.D

Acq: 09 Nov 2021 19:07

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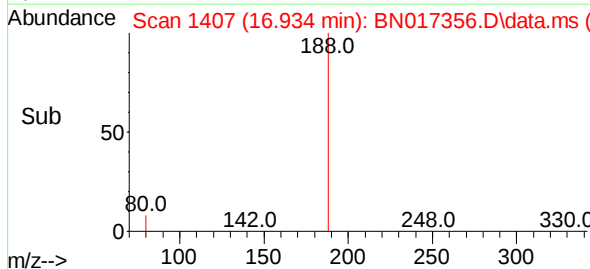
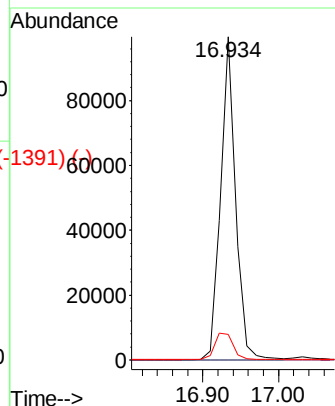
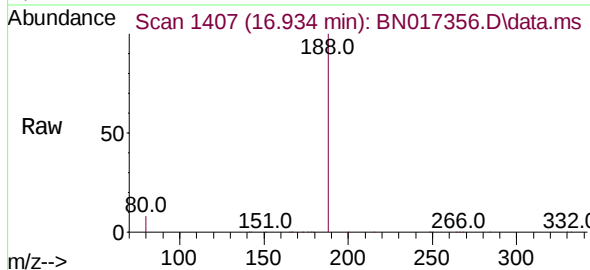
Tgt Ion:188 Resp: 137124

Ion Ratio Lower Upper

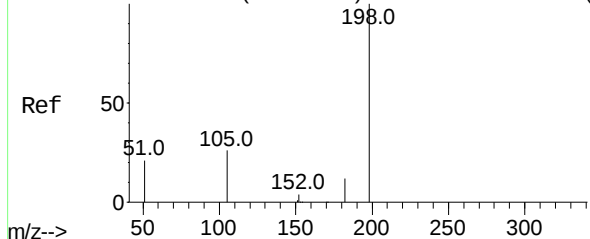
188 100

94 0.0 0.0 0.0

80 8.0 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: 15.298 min Scan# 1275

Delta R.T. -0.038 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

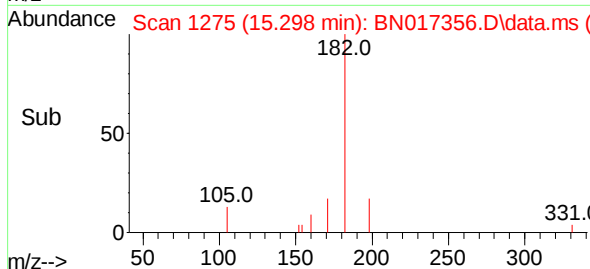
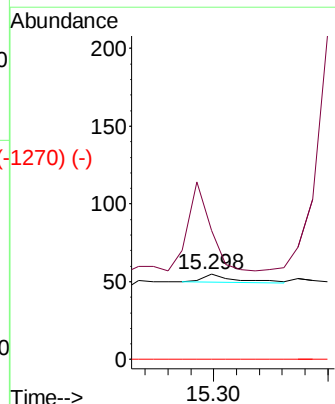
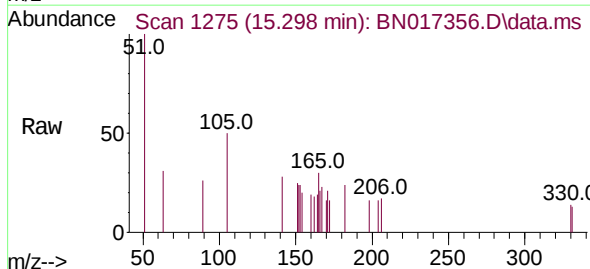
Tgt Ion:198 Resp: 11

Ion Ratio Lower Upper

198 100

182 150.9 11.4 17.2#

77 0.0 0.0 0.0



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

Pentachlorophenol

Concen: 0.221 ng

RT: 16.593 min Scan# 1379

Delta R.T. 0.000 min

Lab File: BN017356.D

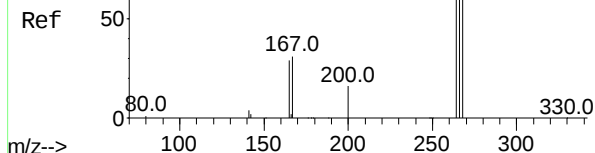
Acq: 09 Nov 2021 19:07

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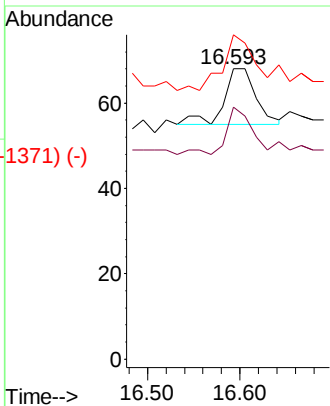
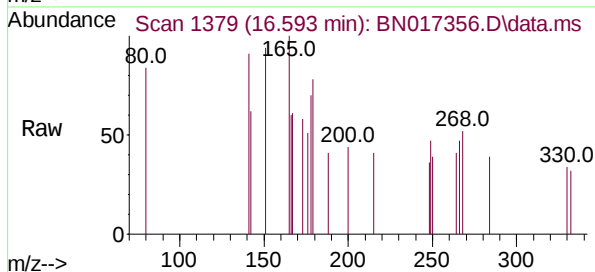
Tgt Ion:266 Resp: 31

Ion Ratio Lower Upper

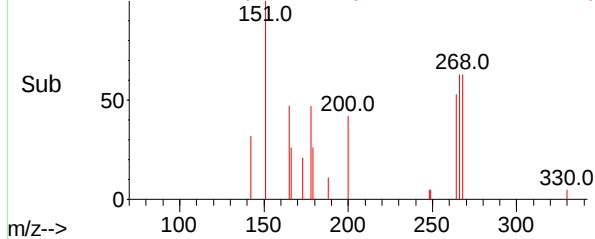
266 100

264 83.9 49.8 74.8#

268 135.5 51.3 76.9#



Abundance Scan 1379 (16.593 min): BN017356.D\data.ms (-1371) (-)



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

Fluoranthene-d10

Concen: 0.442 ng

RT: 18.975 min Scan# 1689

Delta R.T. 0.000 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

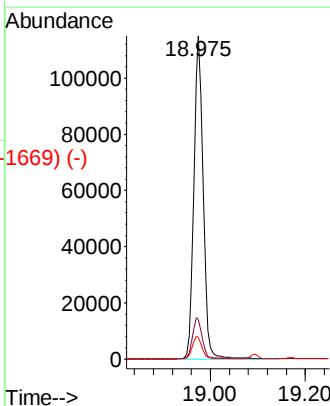
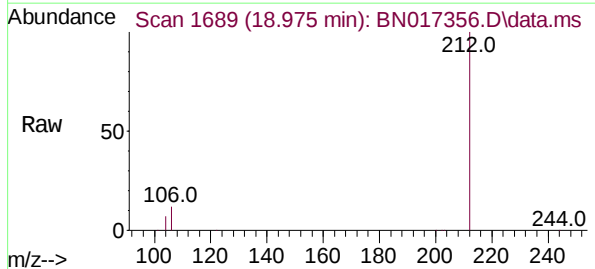
Tgt Ion:212 Resp: 154675

Ion Ratio Lower Upper

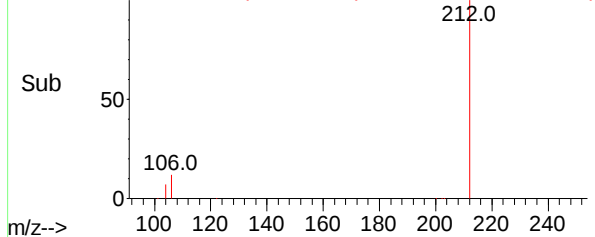
212 100

106 13.1 10.5 15.7

104 7.1 5.8 8.6



Abundance Scan 1689 (18.975 min): BN017356.D\data.ms (-1669) (-)



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

Chrysene-d12

Concen: 0.400 ng

RT: 21.144 min Scan# 1

Delta R.T. 0.011 min

Lab File: BN017356.D

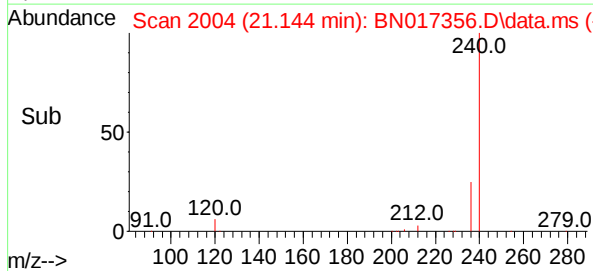
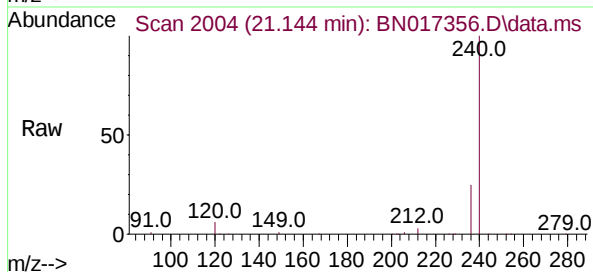
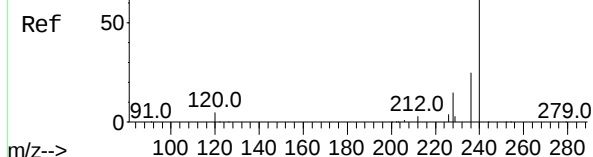
Acq: 09 Nov 2021 19:07

Instrument :

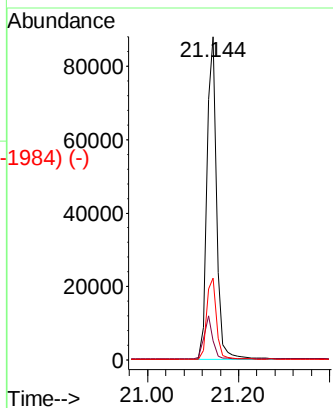
BNA_N

ClientSampleId :

RW8-MW01D1-20211102



Tgt Ion:	240	Resp:	129614
Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.2	6.2
236	25.3	20.0	30.0



Abundance Scan 1813 (19.591 min): BN017343.D\data.ms (-1831) (-)

Terphenyl-d14

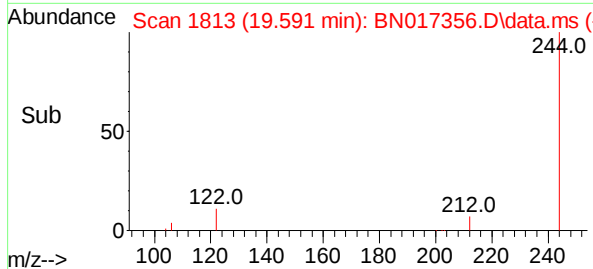
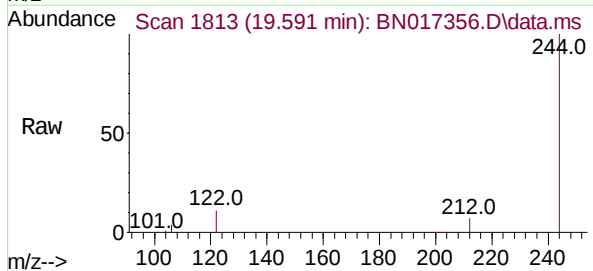
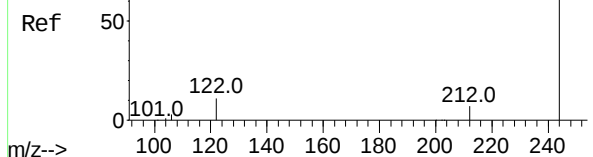
Concen: 0.518 ng

RT: 19.591 min Scan# 1813

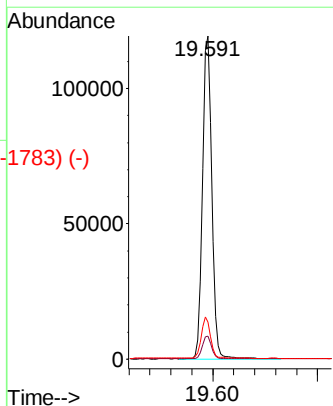
Delta R.T. 0.000 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07



Tgt Ion:	244	Resp:	149538
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.4	8.6	13.0



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

Bis(2-ethylhexyl)phthalate

Concen: 0.414 ng

RT: 21.080 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BN017356.D

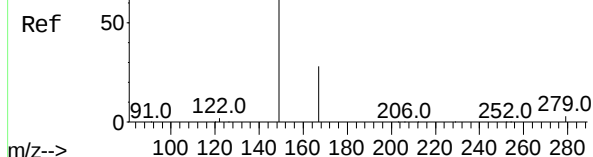
Acq: 09 Nov 2021 19:07

Instrument :

BNA_N

ClientSampleId :

RW8-MW01D1-20211102



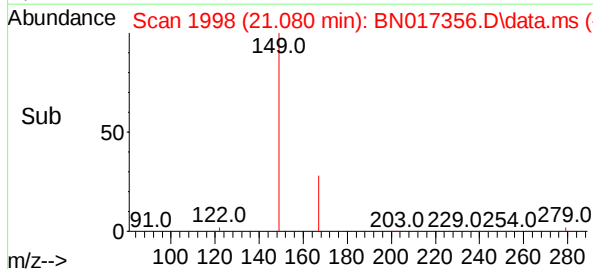
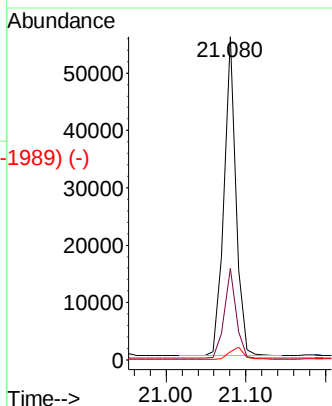
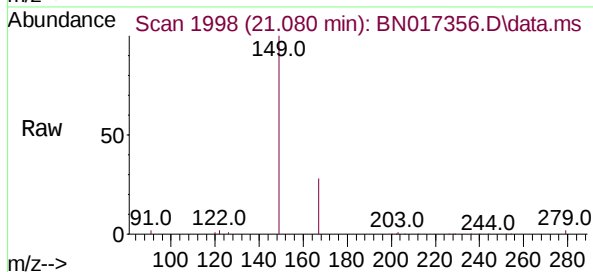
Tgt Ion:149 Resp: 57442

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.2 3.4 5.0



Abundance Scan 2394 (23.335 min): BN017343.D\data.ms (-2325) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.335 min Scan# 2394

Delta R.T. 0.000 min

Lab File: BN017356.D

Acq: 09 Nov 2021 19:07

Tgt Ion:264 Resp: 123016

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.9 18.6 28.0

