

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017844.D
 Acq On : 09 Dec 2021 20:54
 Operator : CG/JU
 Sample : M4922-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20211129

Quant Time: Dec 10 06:49:36 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)

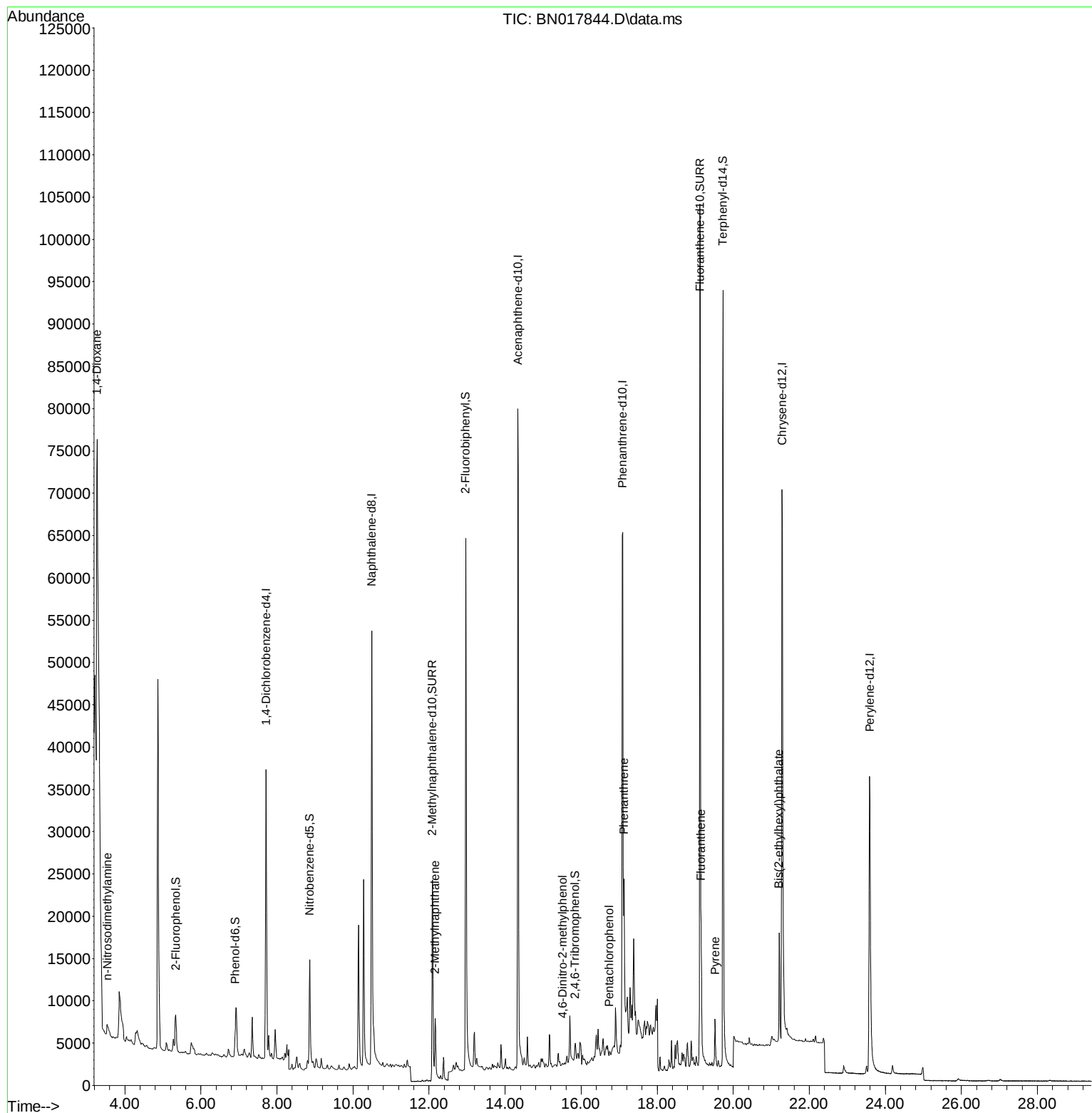
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20595	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	81548	0.40	ng	0.00
13) Acenaphthene-d10	14.335	164	56502	0.40	ng	-0.01
19) Phenanthrene-d10	17.093	188	117025	0.40	ng	0.00
29) Chrysene-d12	21.283	240	95772	0.40	ng	0.00
35) Perylene-d12	23.586	264	66402	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5423	0.11	ng	0.00
5) Phenol-d6	6.903	99	3055	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	14321	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	40654	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	2208	0.07	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63314	0.31	ng	0.00
27) Fluoranthene-d10	19.125	212	139984	0.36	ng	0.00
31) Terphenyl-d14	19.730	244	112142	0.55	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.271	88	63411	8.36	ng	# 100
3) n-Nitrosodimethylamine	3.538	42	796	0.04	ng	# 1
12) 2-Methylnaphthalene	12.161	142	6013	0.04	ng	97
20) 4,6-Dinitro-2-methylph...	15.515	198	14	0.09	ng	# 1
24) Pentachlorophenol	16.740	266	4	0.28	ng	# 35
25) Phenanthrene	17.129	178	21989	0.07	ng	# 94
28) Fluoranthene	19.154	202	8980	0.02	ng	98
30) Pyrene	19.522	202	6548	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	13068	0.10	ng	99

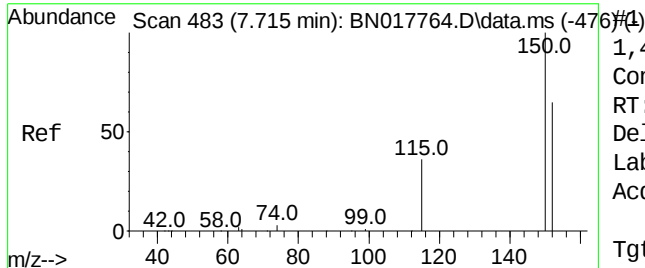
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017844.D

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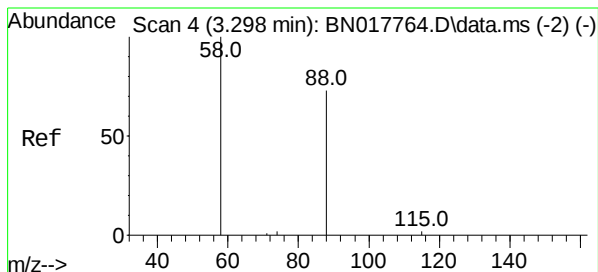
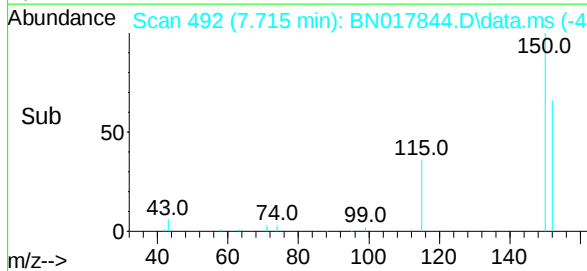
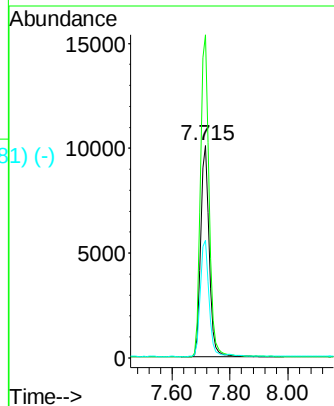
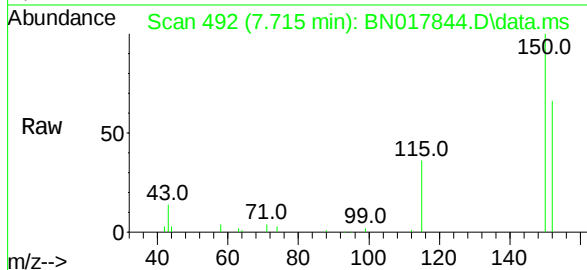
Tgt Ion:152 Resp: 20595

Ion Ratio Lower Upper

152 100

150 151.9 123.0 184.4

115 55.3 45.3 67.9



#2

1,4-Dioxane

Concen: 8.36 ng

RT: 3.271 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

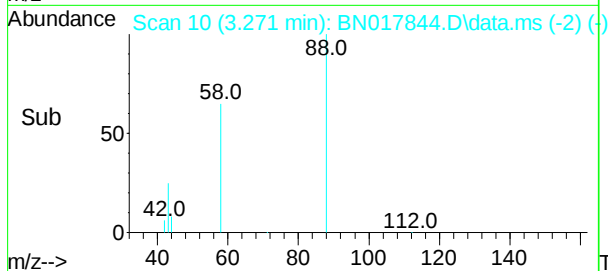
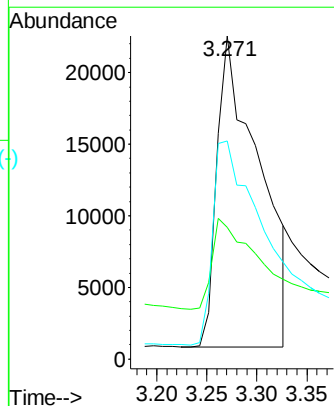
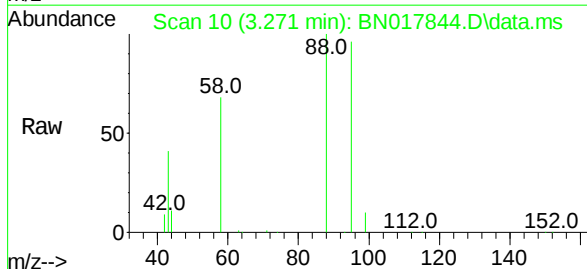
Tgt Ion: 88 Resp: 63411

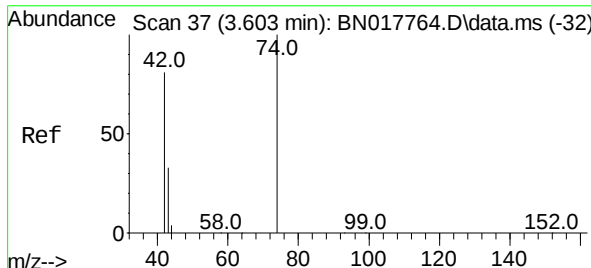
Ion Ratio Lower Upper

88 100

43 30.4 0.0 0.0#

58 73.5 0.0 0.0#

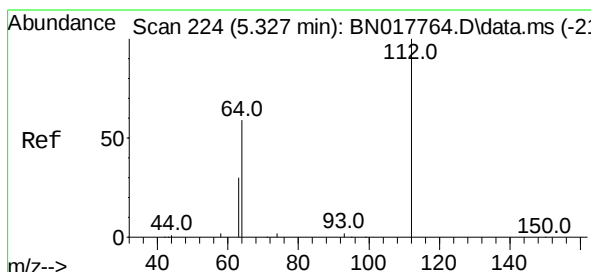
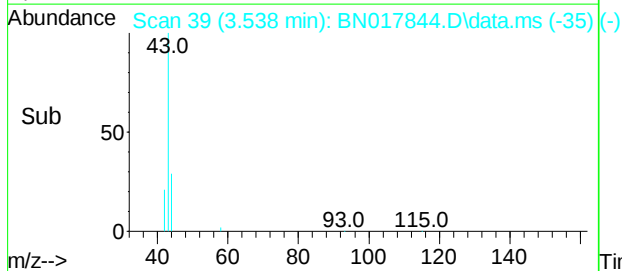
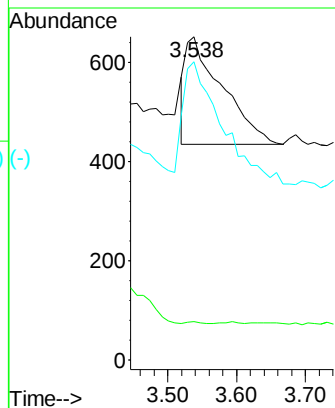
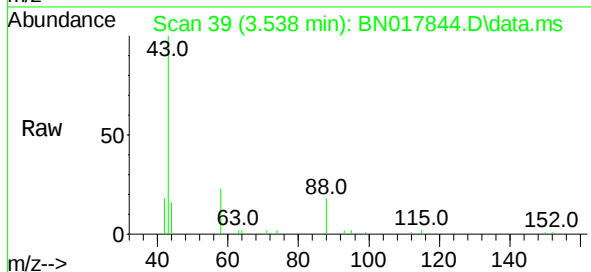




n-Nitrosodimethylamine
 Concen: 0.04 ng
 RT: 3.538 min Scan# 1
 Delta R.T. -0.065 min
 Lab File: BN017844.D
 Acq: 09 Dec 2021 20:54

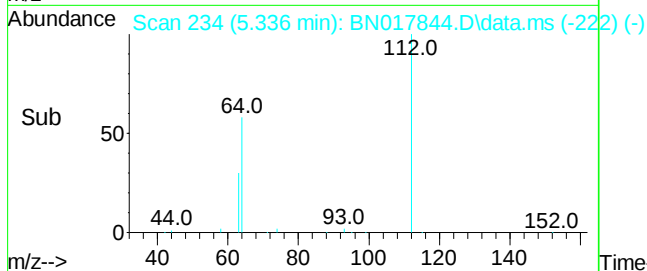
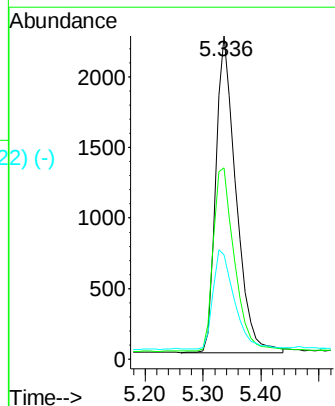
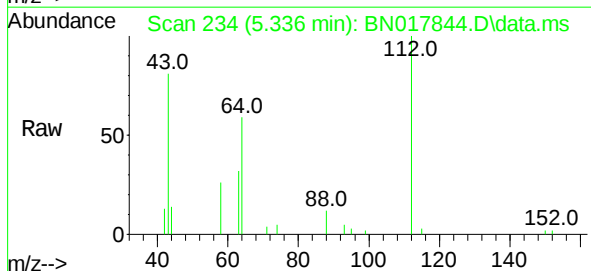
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20211129

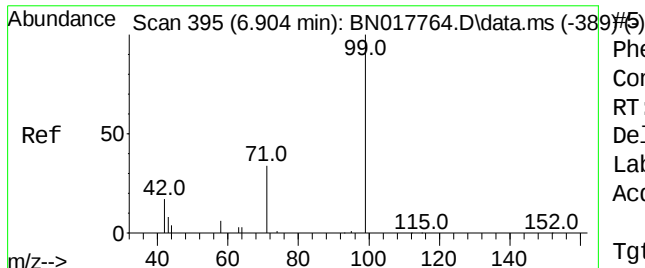
Tgt Ion: 42 Resp: 796
 Ion Ratio Lower Upper
 42 100
 74 0.6 101.3 151.9#
 44 112.1 5.0 7.4#



2-Fluorophenol
 Concen: 0.11 ng
 RT: 5.336 min Scan# 234
 Delta R.T. 0.009 min
 Lab File: BN017844.D
 Acq: 09 Dec 2021 20:54

Tgt Ion: 112 Resp: 5423
 Ion Ratio Lower Upper
 112 100
 64 60.7 49.3 73.9
 63 33.1 25.8 38.8

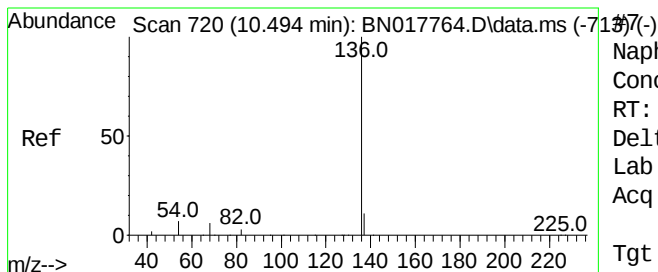
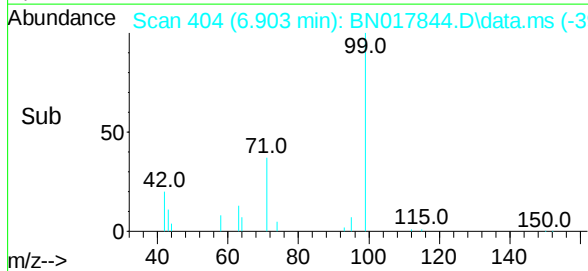
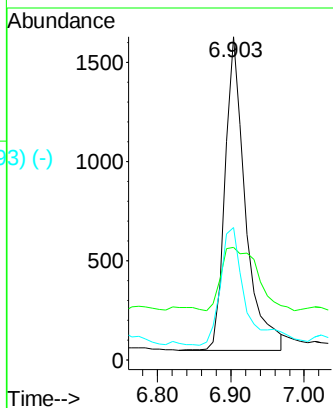
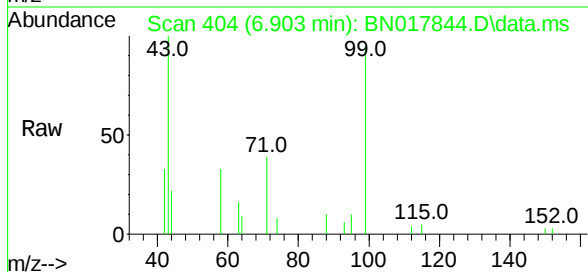




Phenol-d6
 Concen: 0.06 ng
 RT: 6.903 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN017844.D
 Acq: 09 Dec 2021 20:54

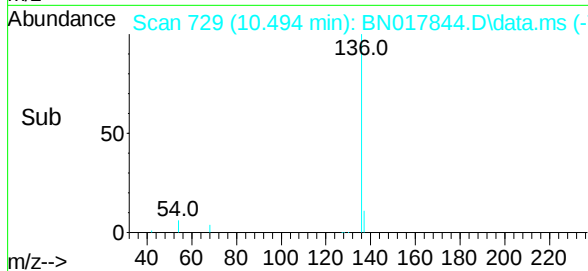
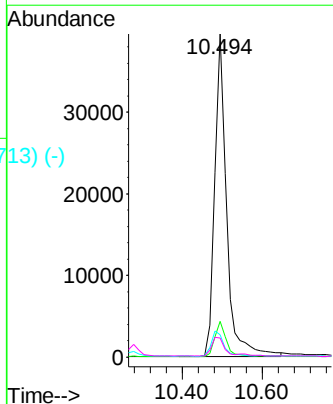
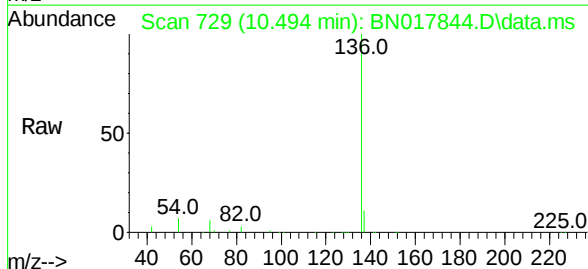
Instrument :
 BNA_N
 ClientSampleId :
 DUP05-20211129

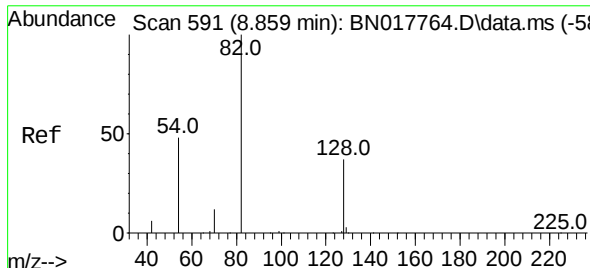
Tgt Ion:	99	Resp:	3055
Ion	Ratio	Lower	Upper
99	100		
42	35.6	16.6	25.0#
71	45.4	29.0	43.4#



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.494 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BN017844.D
 Acq: 09 Dec 2021 20:54

Tgt Ion:	136	Resp:	81548
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.9	8.9
68	5.9	5.0	7.6





Nitrobenzene-d5

Concen: 0.26 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

Instrument :

BNA_N

ClientSampleId :

DUP05-20211129

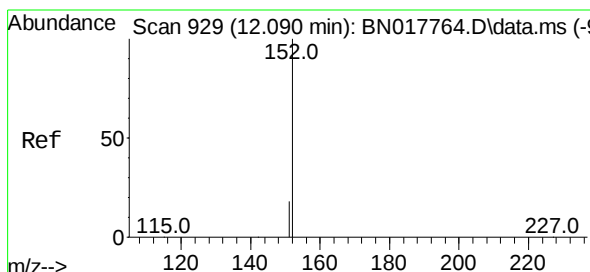
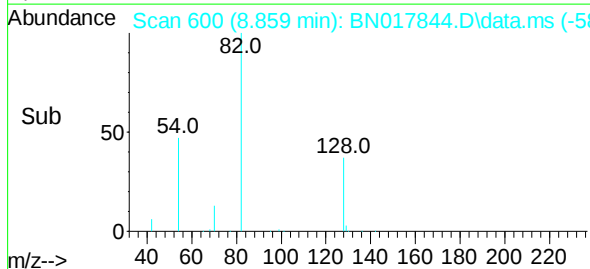
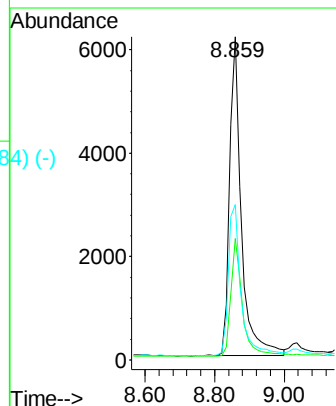
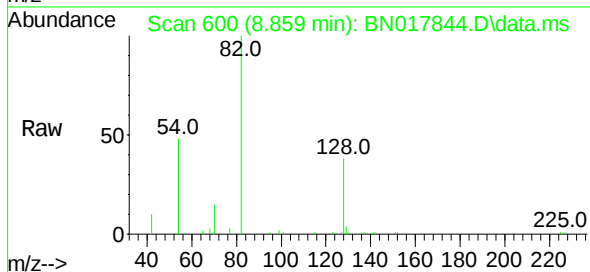
Tgt Ion: 82 Resp: 14321

Ion Ratio Lower Upper

82 100

128 37.7 30.2 45.2

54 48.1 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.25 ng

RT: 12.090 min Scan# 938

Delta R.T. -0.000 min

Lab File: BN017844.D

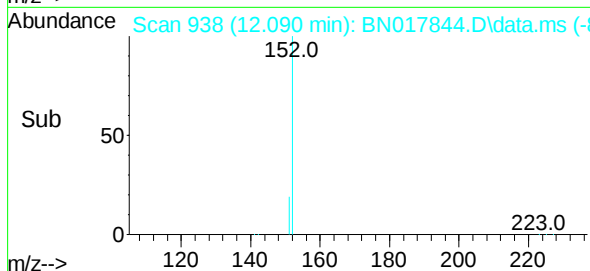
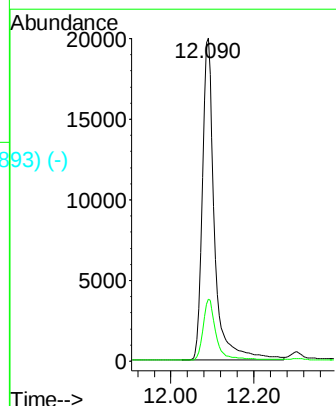
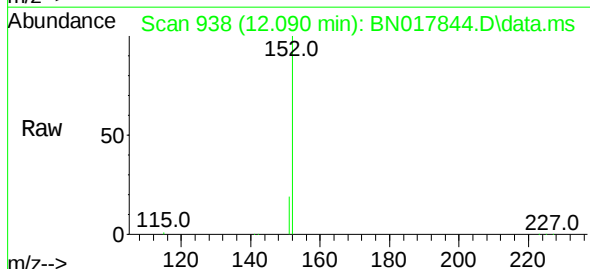
Acq: 09 Dec 2021 20:54

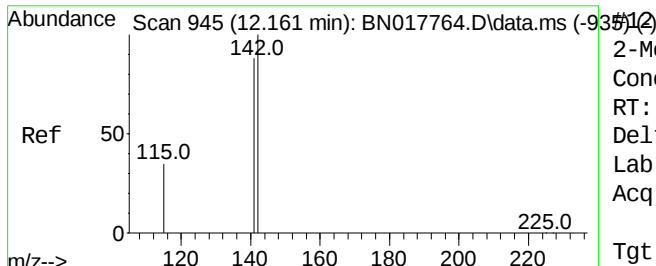
Tgt Ion:152 Resp: 40654

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6





2-Methylnaphthalene

Concen: 0.04 ng

RT: 12.161 min Scan# 945

Delta R.T. -0.000 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

Instrument :

BNA_N

ClientSampleId :

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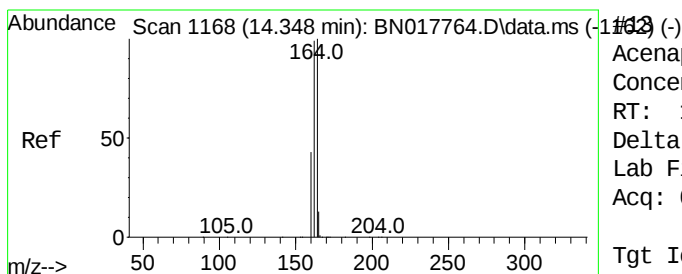
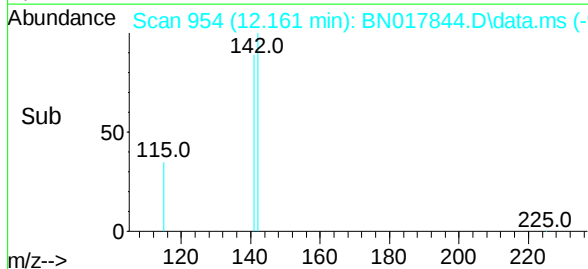
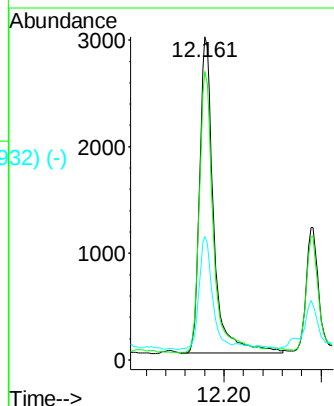
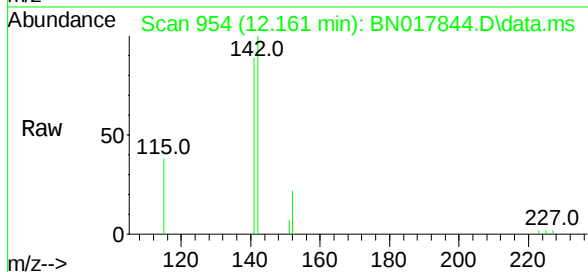
Tgt Ion:142 Resp: 6013

Ion Ratio Lower Upper

142 100

141 89.3 70.5 105.7

115 38.2 28.0 42.0



Acenaphthene-d10

Concen: 0.40 ng

RT: 14.335 min Scan# 1176

Delta R.T. -0.013 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

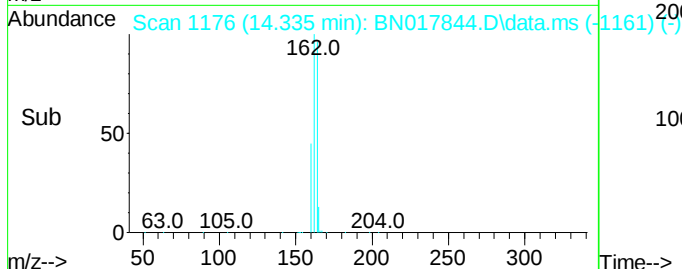
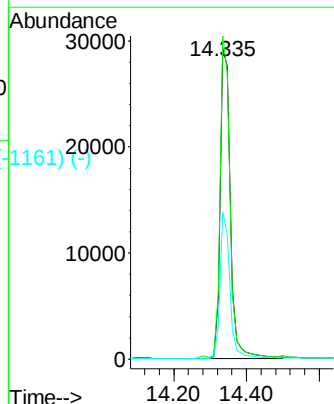
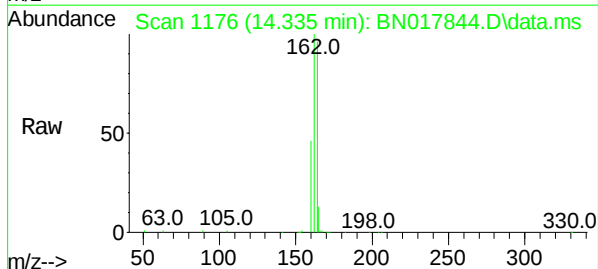
Tgt Ion:164 Resp: 56502

Ion Ratio Lower Upper

164 100

162 104.2 79.0 118.6

160 47.5 34.6 52.0



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

2,4,6-Tribromophenol

Concen: 0.07 ng

RT: 15.845 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BN017844.D

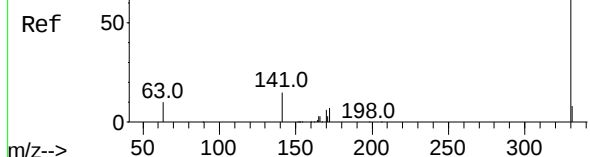
Acq: 09 Dec 2021 20:54

Instrument :

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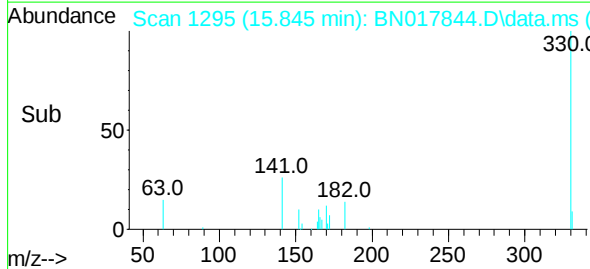
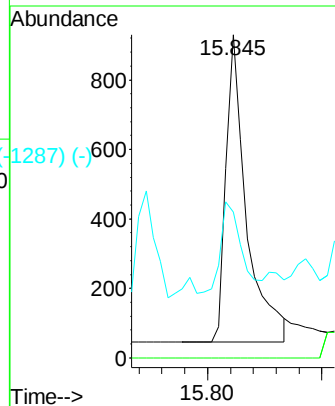
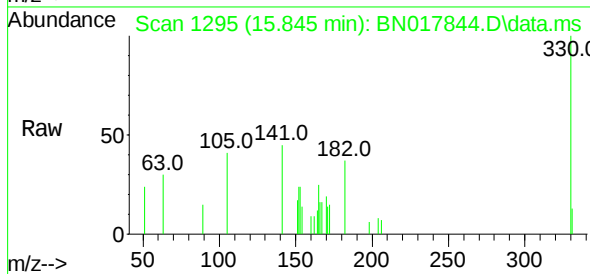
Tgt Ion:330 Resp: 2208

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.1 21.5 32.3



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

2-Fluorobiphenyl

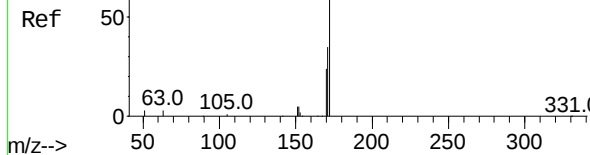
Concen: 0.31 ng

RT: 12.964 min Scan# 1068

Delta R.T. -0.000 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54



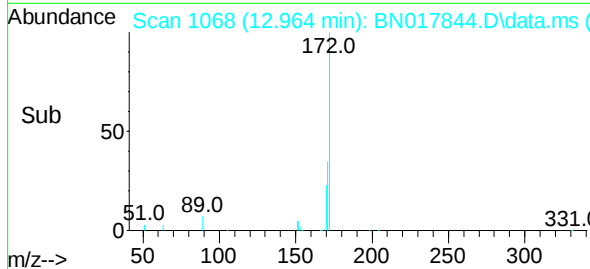
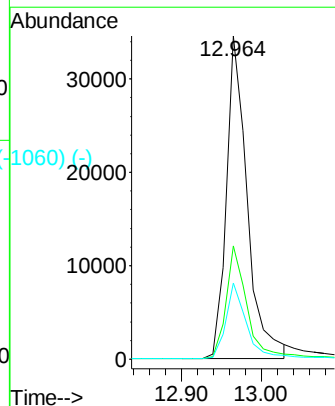
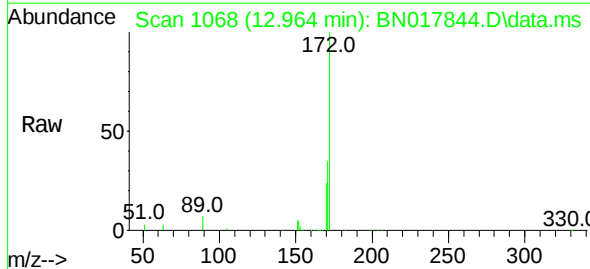
Tgt Ion:172 Resp: 63314

Ion Ratio Lower Upper

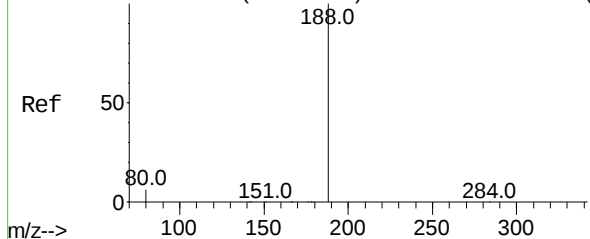
172 100

171 35.0 28.1 42.1

170 23.5 18.9 28.3



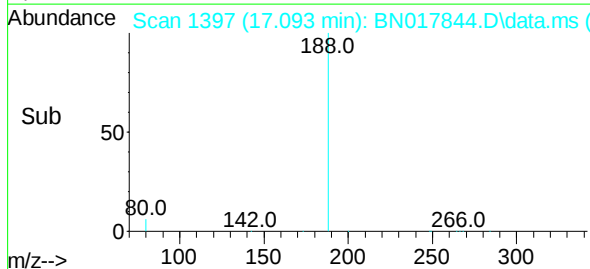
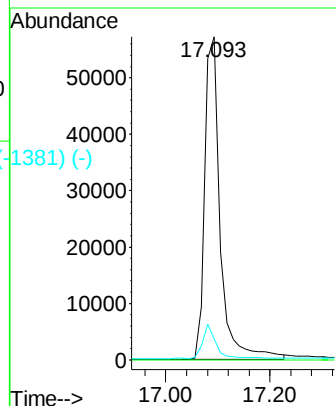
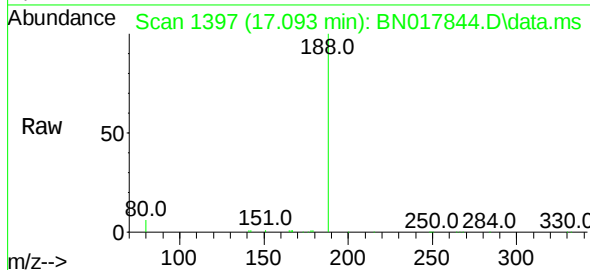
Abundance Scan 1388 (17.093 min): BN017764.D\data.ms (-1388) (-)



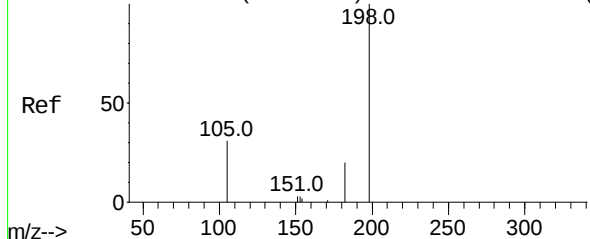
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.093 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

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Tgt Ion:188 Resp: 117025
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.5 5.1 7.7

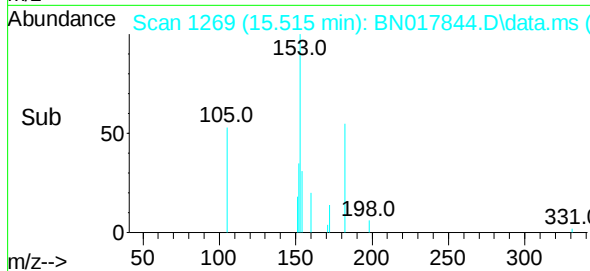
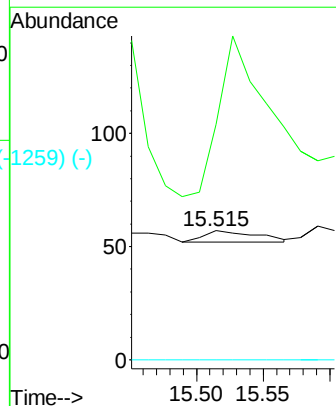
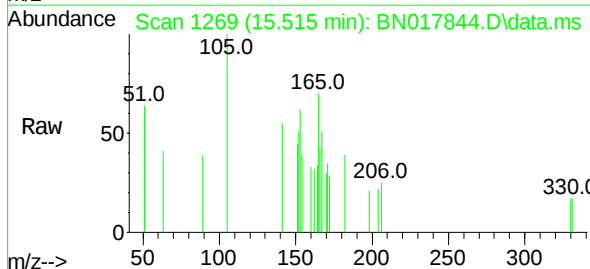


Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1258) (-)



4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.515 min Scan# 1269
Delta R.T. 0.026 min
Lab File: BN017844.D
Acq: 09 Dec 2021 20:54

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 182.5 44.2 66.2#
77 0.0 0.0 0.0



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1324) (-)

Pentachlorophenol

Concen: 0.28 ng

RT: 16.740 min Scan# 1361

Delta R.T. -0.024 min

Lab File: BN017844.D

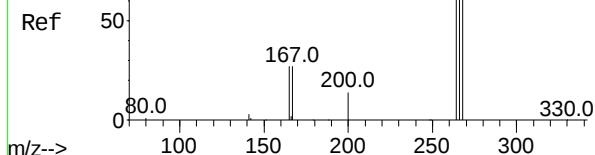
Acq: 09 Dec 2021 20:54

Instrument :

BNA_N

ClientSampleId :

DUP05-20211129



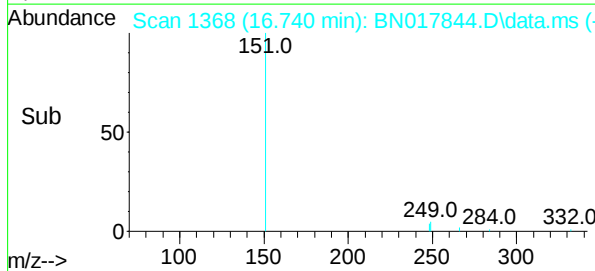
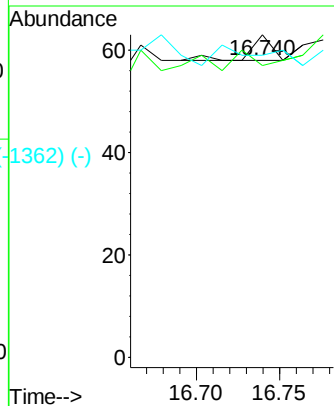
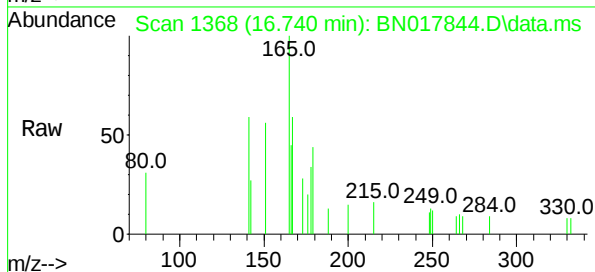
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 100.0 50.8 76.2#

268 0.0 51.8 77.6#



Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)

Phenanthrene

Concen: 0.07 ng

RT: 17.129 min Scan# 1400

Delta R.T. -0.000 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

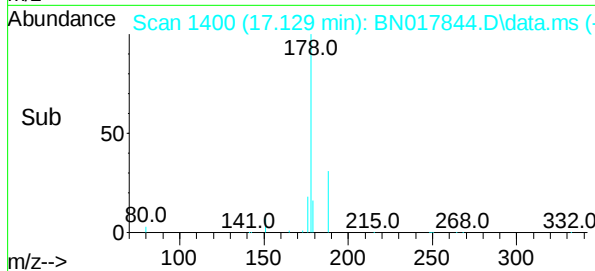
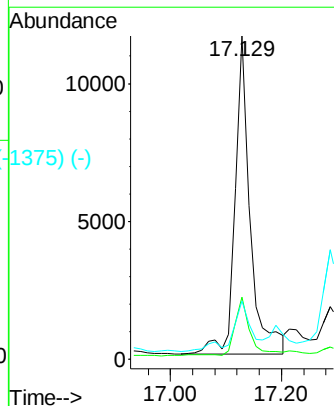
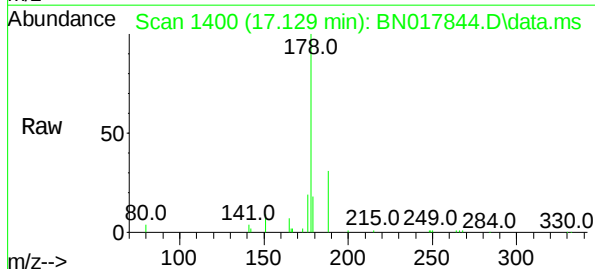
Tgt Ion:178 Resp: 21989

Ion Ratio Lower Upper

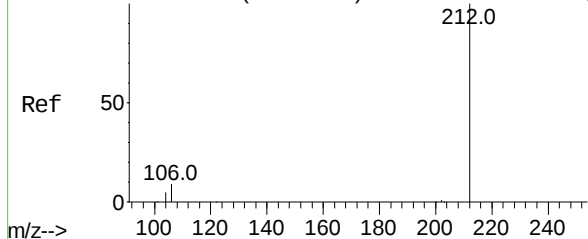
178 100

176 17.0 15.0 22.6

179 19.5 12.5 18.7#



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



Fluoranthene-d10

Concen: 0.36 ng

RT: 19.125 min Scan#

Delta R.T. -0.005 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

Instrument :

BNA_N

ClientSampleId :

DUP05-20211129

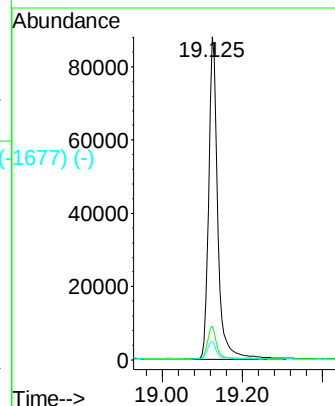
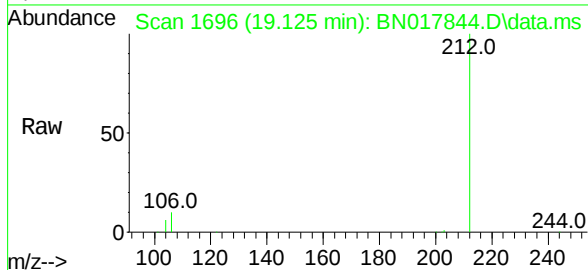
Tgt Ion:212 Resp: 139984

Ion Ratio Lower Upper

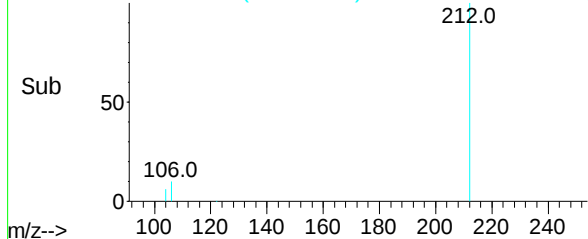
212 100

106 9.7 8.2 12.2

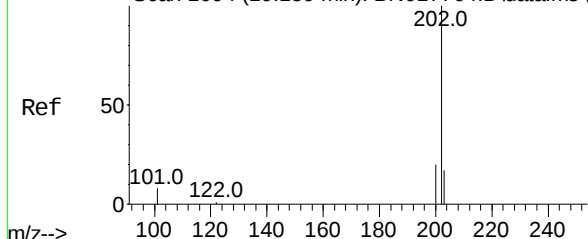
104 5.7 4.6 6.8



Abundance Scan 1696 (19.125 min): BN017844.D\data.ms (-1677) (-)



Abundance Scan 1694 (19.159 min): BN017764.D\data.ms (-1623) (-)



Fluoranthene

Concen: 0.02 ng

RT: 19.154 min Scan# 1702

Delta R.T. -0.005 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54

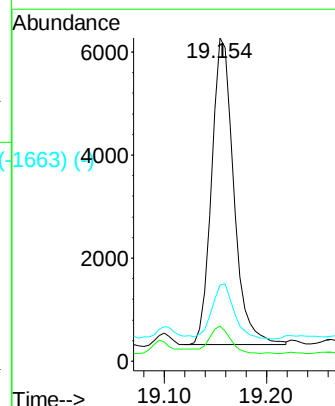
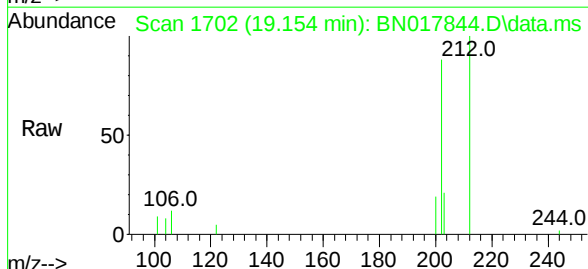
Tgt Ion:202 Resp: 8980

Ion Ratio Lower Upper

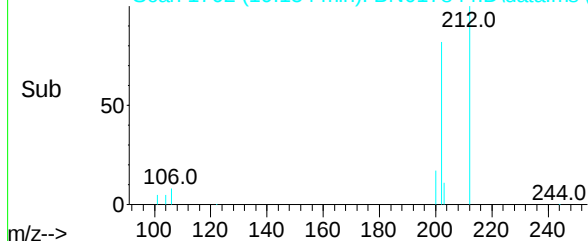
202 100

101 8.7 7.2 10.8

203 18.0 13.7 20.5



Abundance Scan 1702 (19.154 min): BN017844.D\data.ms (-1663) (-)



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1729) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.283 min Scan# 1985

Delta R.T. -0.000 min

Lab File: BN017844.D

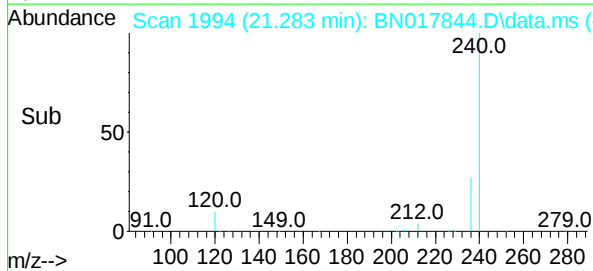
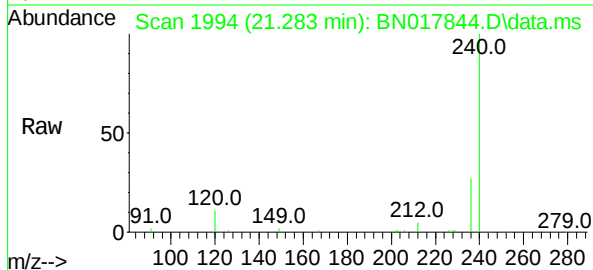
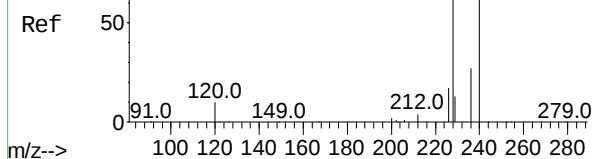
Acq: 09 Dec 2021 20:54

Instrument :

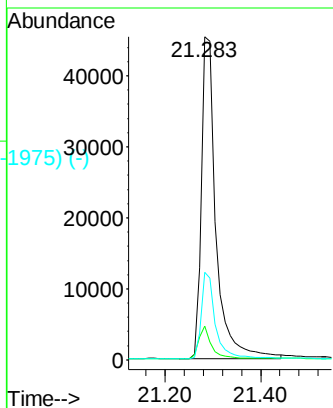
BNA_N

ClientSampleId :

DUP05-20211129



Tgt Ion:	240	Resp:	95772
Ion Ratio	Lower	Upper	
240	100		
120	10.5	7.9	11.9
236	27.1	21.4	32.2



Abundance Scan 1767 (19.522 min): BN017764.D\data.ms (-1730) (-)

Pyrene

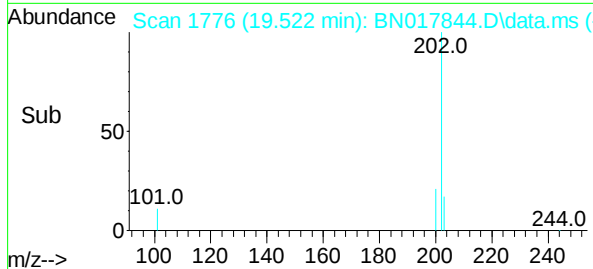
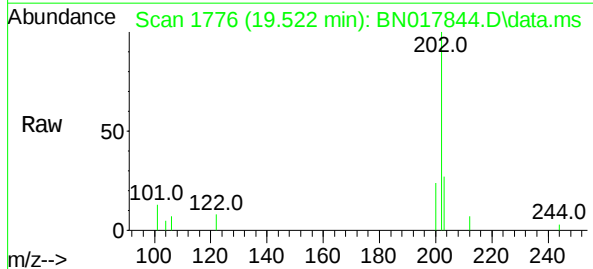
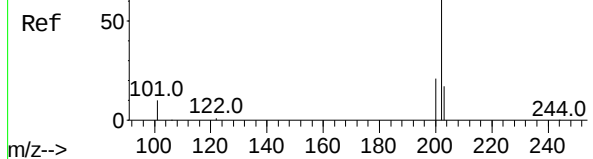
Concen: 0.02 ng

RT: 19.522 min Scan# 1776

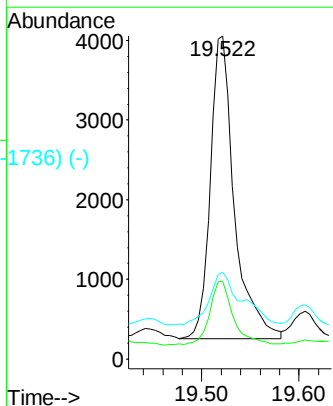
Delta R.T. -0.000 min

Lab File: BN017844.D

Acq: 09 Dec 2021 20:54



Tgt Ion:	202	Resp:	6548
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.5	24.7
203	23.0	14.0	21.0#



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1781) (-)

Terphenyl-d14

Concen: 0.55 ng

RT: 19.730 min Scan# 1810

Delta R.T. -0.005 min

Lab File: BN017844.D

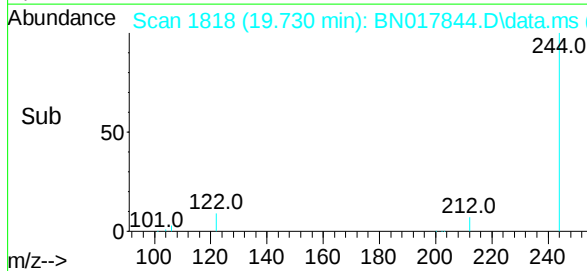
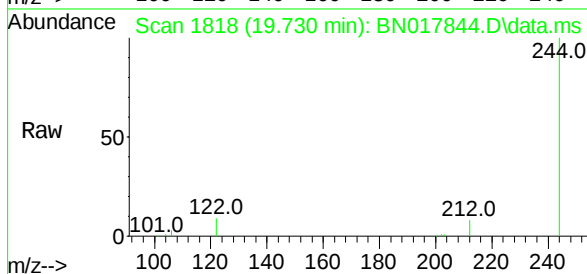
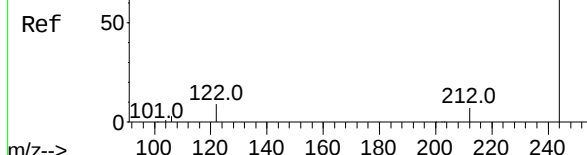
Acq: 09 Dec 2021 20:54

Instrument :

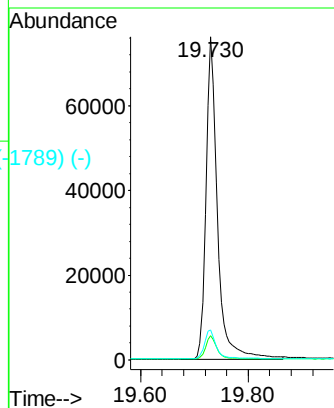
BNA_N

ClientSampleId :

DUP05-20211129



Tgt Ion:	244	Resp:	112142
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.2	7.1	10.7



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1782) (-)

Bis(2-ethylhexyl)phthalate

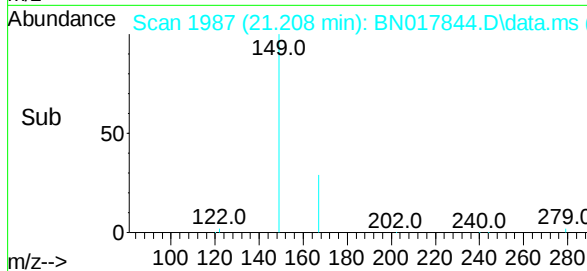
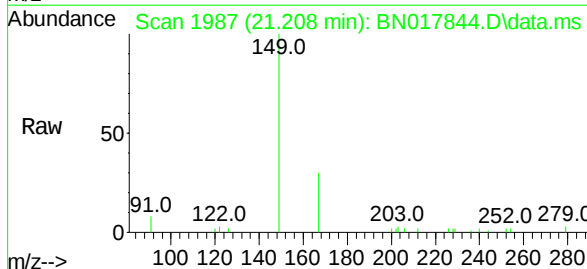
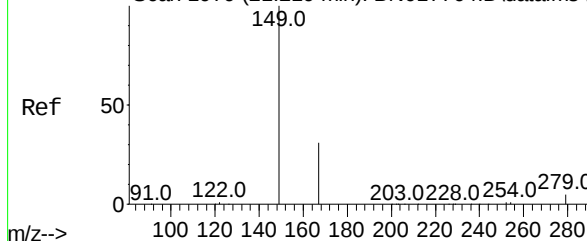
Concen: 0.10 ng

RT: 21.208 min Scan# 1987

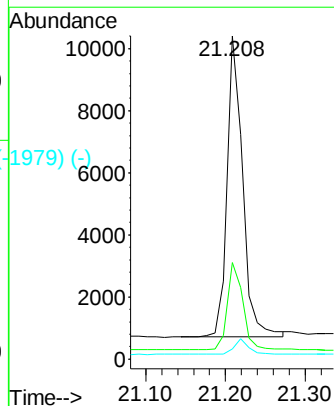
Delta R.T. -0.011 min

Lab File: BN017844.D

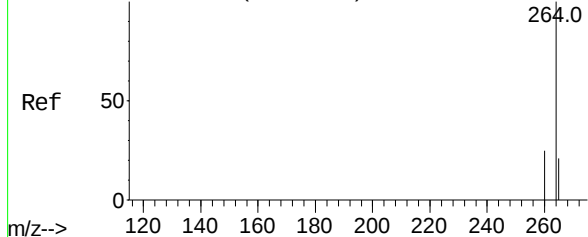
Acq: 09 Dec 2021 20:54



Tgt Ion:	149	Resp:	13068
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.5	35.3
279	4.8	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# 1

Delta R.T. 0.003 min

Lab File: BN017844.D

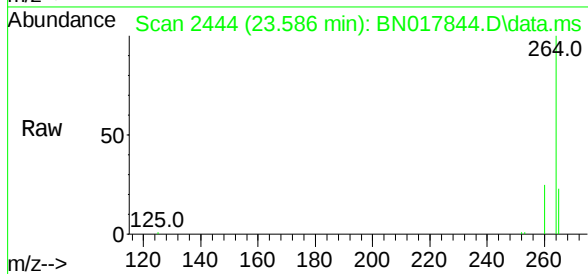
Acq: 09 Dec 2021 20:54

Instrument :

BNA_N

ClientSampleId :

DUP05-20211129



Tgt Ion:264 Resp: 66402

Ion Ratio Lower Upper

264 100

260 24.9 20.0 30.0

265 23.3 20.5 30.7

