

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017819.D
 Acq On : 09 Dec 2021 04:36
 Operator : CG/JU
 Sample : M4922-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20211129

Quant Time: Dec 10 01:50:38 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)

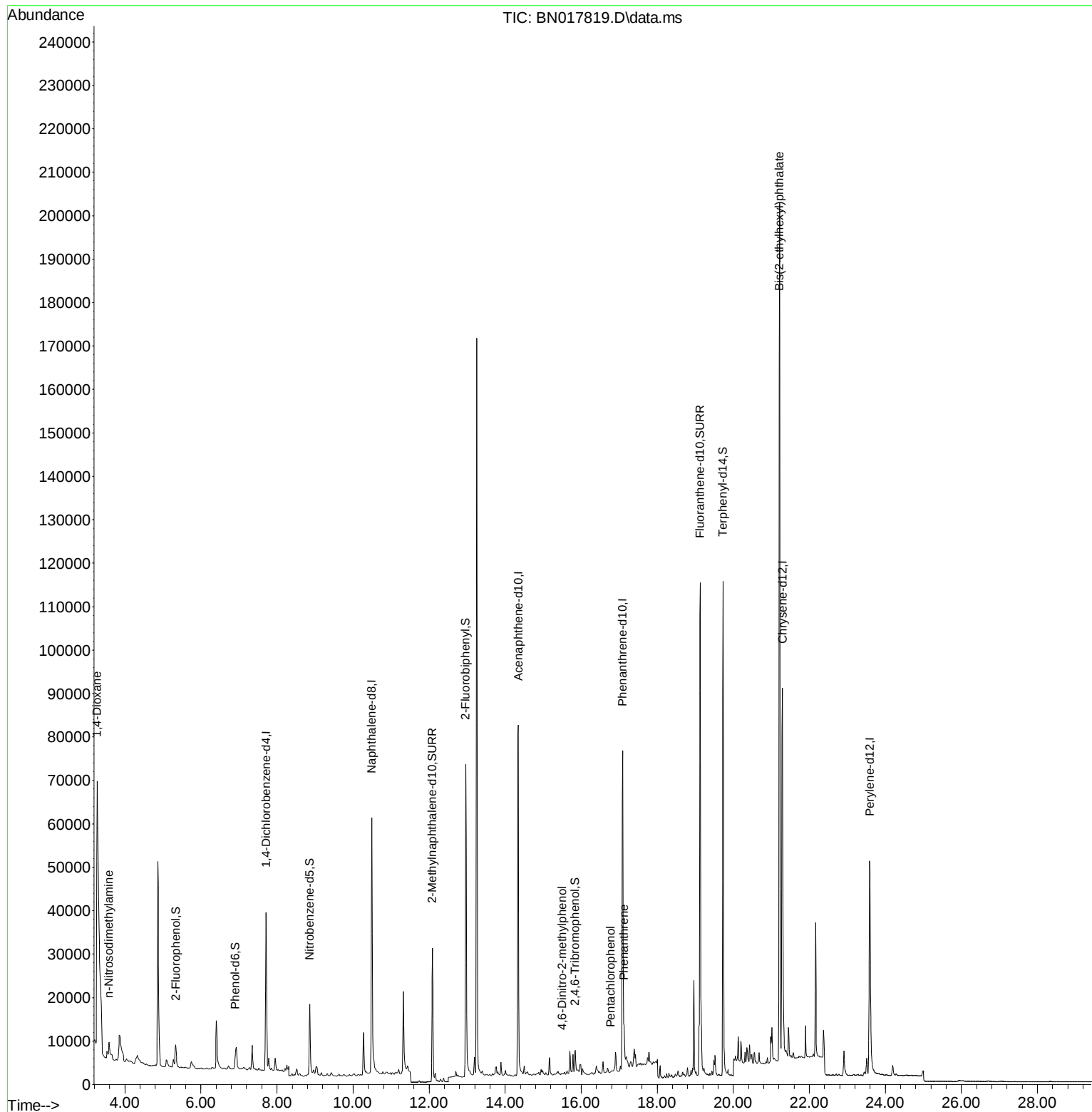
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	21574	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	88856	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	59747	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	124143	0.40	ng	0.00
29) Chrysene-d12	21.293	240	110699	0.40	ng	# 0.01
35) Perylene-d12	23.589	264	84576	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5810	0.11	ng	0.00
5) Phenol-d6	6.903	99	3431	0.07	ng	0.00
8) Nitrobenzene-d5	8.859	82	17140	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	46652	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6635	0.21	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	72022	0.33	ng	0.00
27) Fluoranthene-d10	19.129	212	147560	0.36	ng	0.00
31) Terphenyl-d14	19.730	244	132040	0.56	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	85771	10.80	ng	# 100
3) n-Nitrosodimethylamine	3.584	42	839	0.04	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.502	198	19	0.10	ng	# 12
24) Pentachlorophenol	16.776	266	49	0.28	ng	# 77
25) Phenanthrene	17.129	178	9068	0.03	ng	98
34) Bis(2-ethylhexyl)phtha...	21.218	149	198181	1.28	ng	99

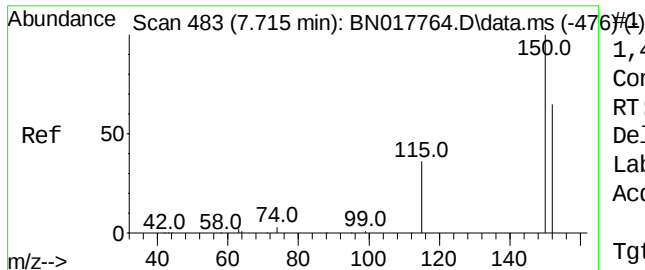
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.714 min Scan# 4

Delta R.T. -0.001 min

Lab File: BN017819.D

Acq: 09 Dec 2021 04:36

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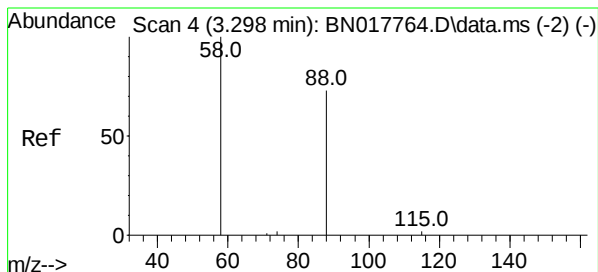
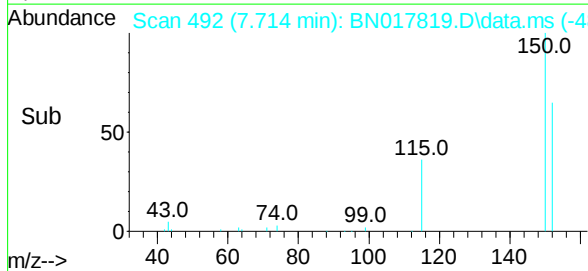
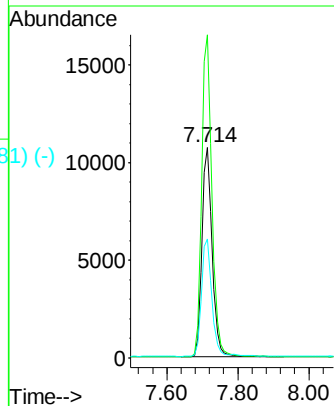
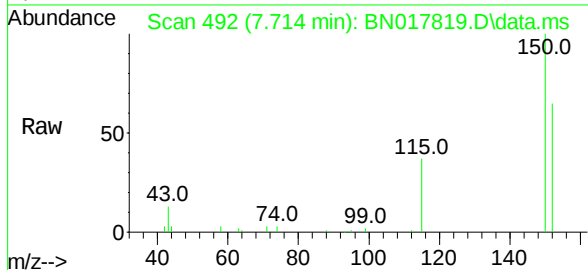
Tgt Ion:152 Resp: 21574

Ion Ratio Lower Upper

152 100

150 153.4 123.0 184.4

115 56.5 45.3 67.9



#2

1,4-Dioxane

Concen: 10.80 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017819.D

Acq: 09 Dec 2021 04:36

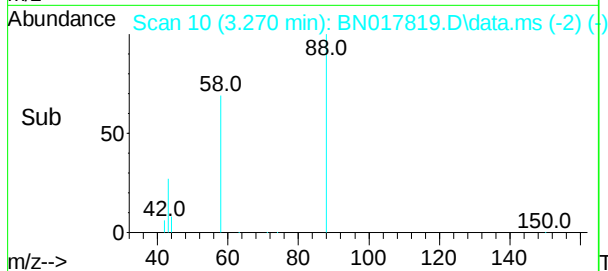
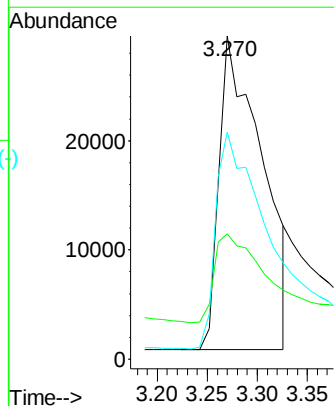
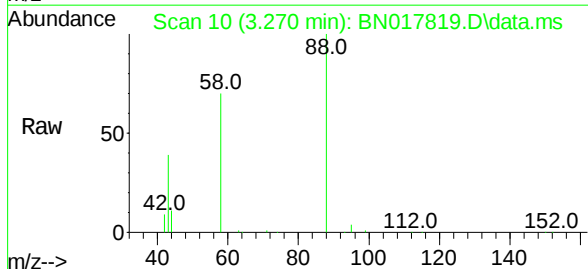
Tgt Ion: 88 Resp: 85771

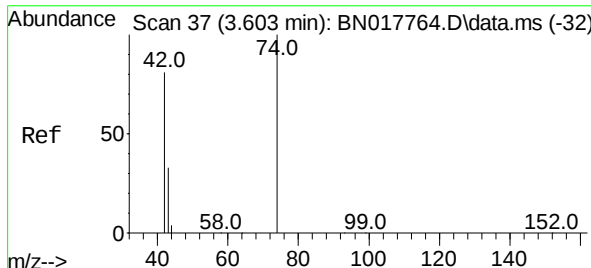
Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 73.8 0.0 0.0#

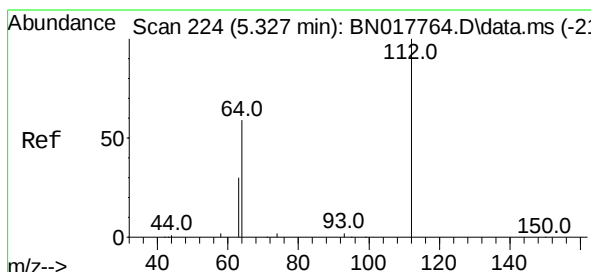
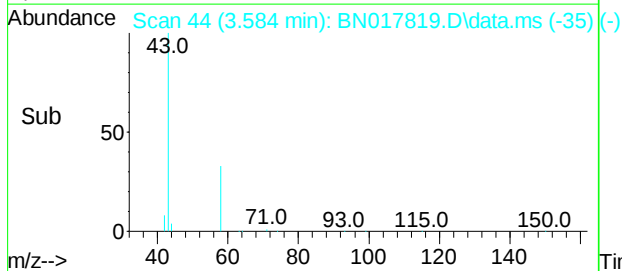
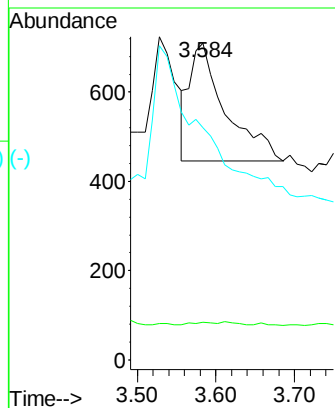
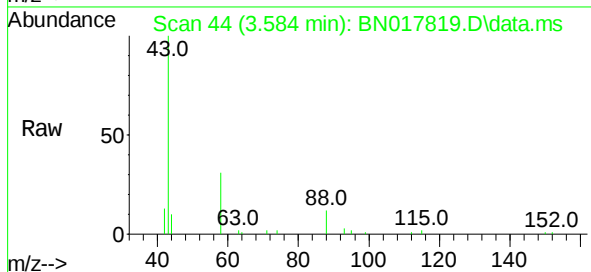




n-Nitrosodimethylamine
 Concen: 0.04 ng
 RT: 3.584 min Scan# 4
 Delta R.T. -0.019 min
 Lab File: BN017819.D
 Acq: 09 Dec 2021 04:36

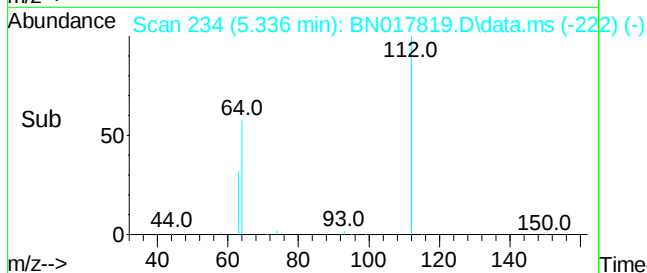
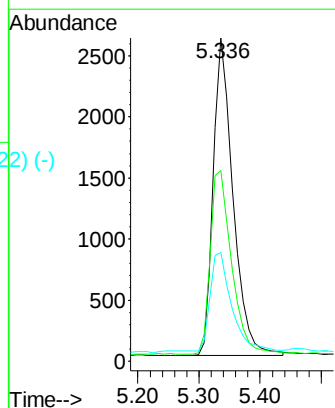
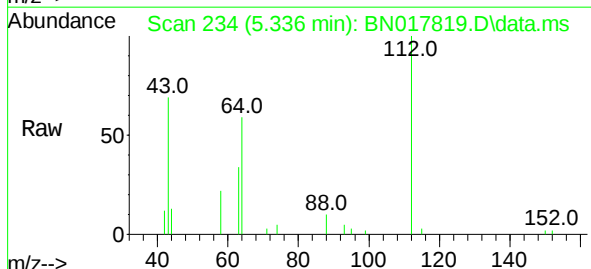
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20211129

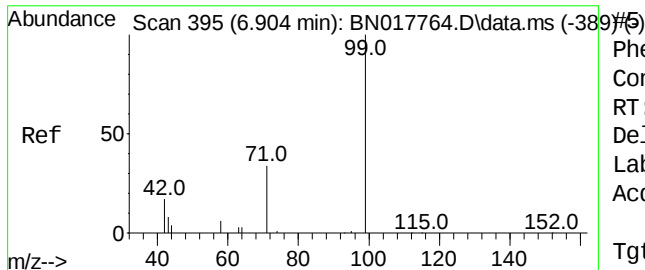
Tgt Ion:	42	Resp:	839
Ion	Ratio	Lower	Upper
42	100		
74	1.3	101.3	151.9#
44	0.0	5.0	7.4#



2-Fluorophenol
 Concen: 0.11 ng
 RT: 5.336 min Scan# 234
 Delta R.T. 0.009 min
 Lab File: BN017819.D
 Acq: 09 Dec 2021 04:36

Tgt Ion:	112	Resp:	5810
Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.3	73.9
63	33.5	25.8	38.8





Phenol-d6

Concen: 0.07 ng

RT: 6.903 min Scan# 4

Delta R.T. -0.001 min

Lab File: BN017819.D

Acq: 09 Dec 2021 04:36

Instrument :

BNA_N

ClientSampleId :

RE132D2-20211129

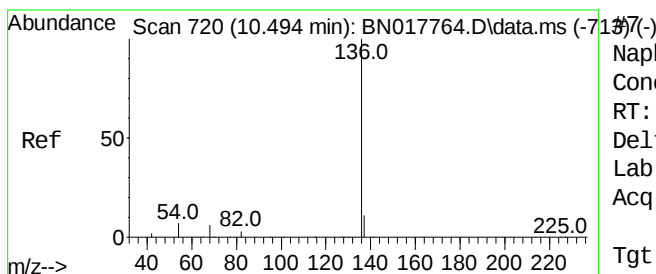
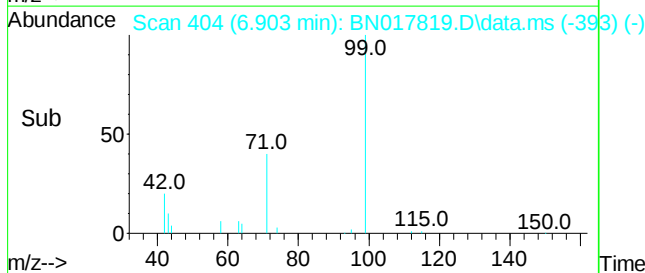
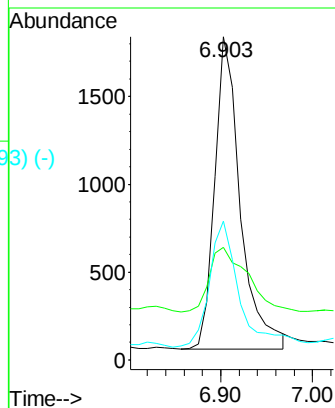
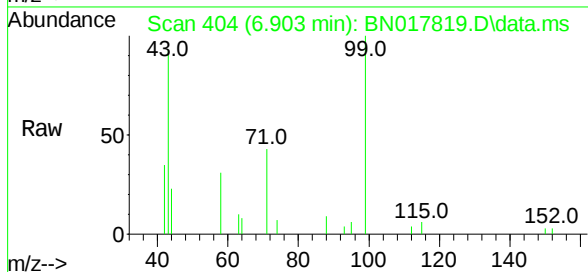
Tgt Ion: 99 Resp: 3431

Ion Ratio Lower Upper

99 100

42 30.4 16.6 25.0#

71 45.9 29.0 43.4#



Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan# 729

Delta R.T. -0.001 min

Lab File: BN017819.D

Acq: 09 Dec 2021 04:36

Tgt Ion:136 Resp: 88856

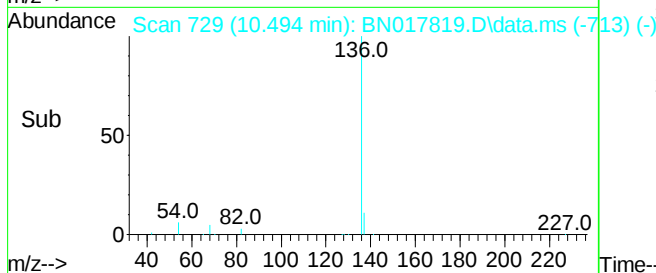
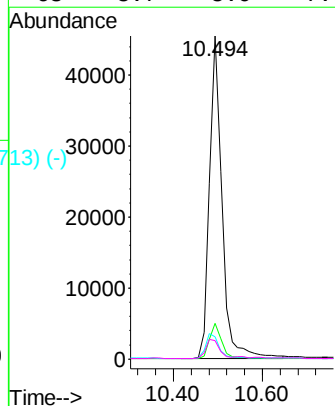
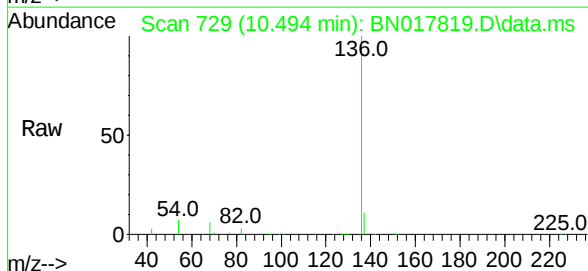
Ion Ratio Lower Upper

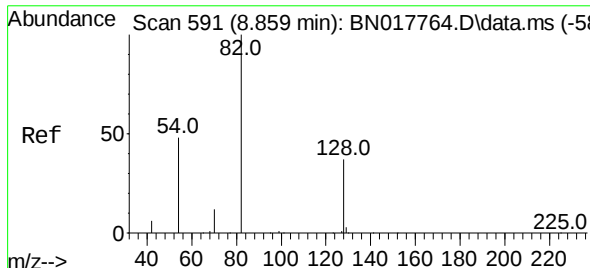
136 100

137 11.1 8.8 13.2

54 6.9 5.9 8.9

68 5.7 5.0 7.6





Nitrobenzene-d5

Concen: 0.29 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.001 min

Lab File: BN017819.D

Acq: 09 Dec 2021 04:36

Instrument :

BNA_N

ClientSampleId :

RE132D2-20211129

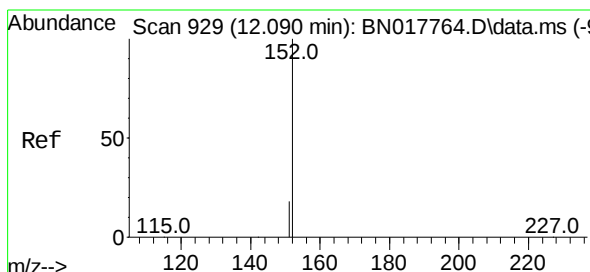
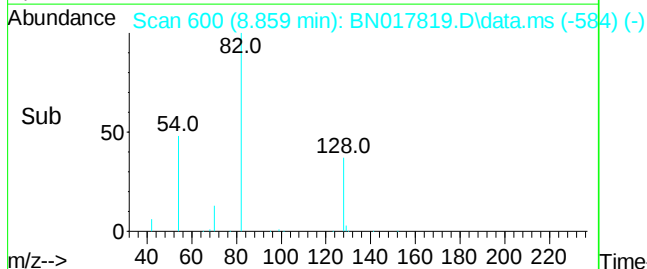
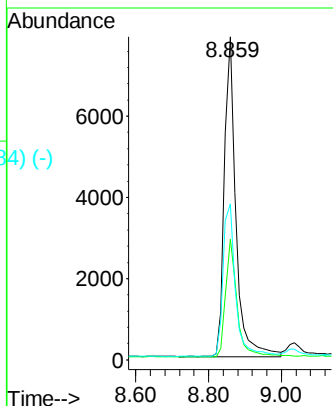
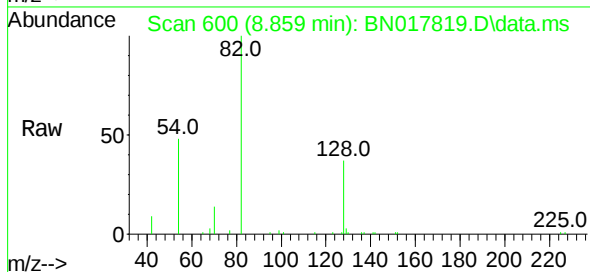
Tgt Ion: 82 Resp: 17140

Ion Ratio Lower Upper

82 100

128 37.4 30.2 45.2

54 48.3 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.26 ng

RT: 12.089 min Scan# 938

Delta R.T. -0.001 min

Lab File: BN017819.D

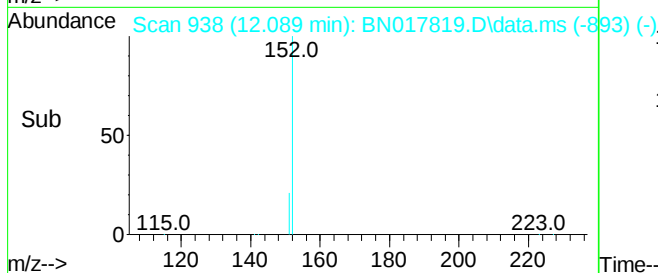
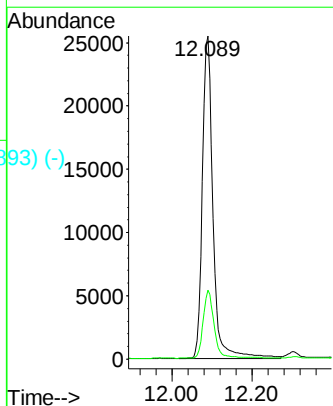
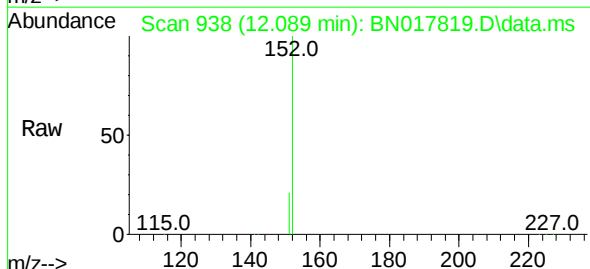
Acq: 09 Dec 2021 04:36

Tgt Ion: 152 Resp: 46652

Ion Ratio Lower Upper

152 100

151 21.8 16.4 24.6



Abundance Scan 1168 (14.348 min): BN017764.D\data.ms (-1168) (-)

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.347 min Scan# 1168

Delta R.T. -0.001 min

Lab File: BN017819.D

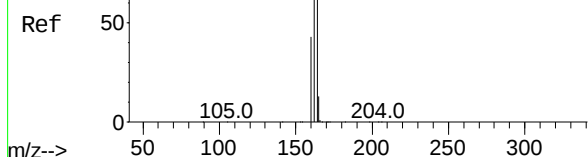
Acq: 09 Dec 2021 04:36

Instrument :

BNA_N

ClientSampleId :

RE132D2-20211129



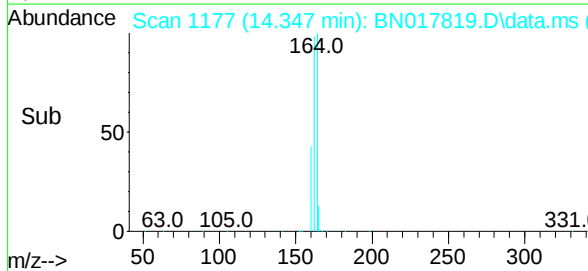
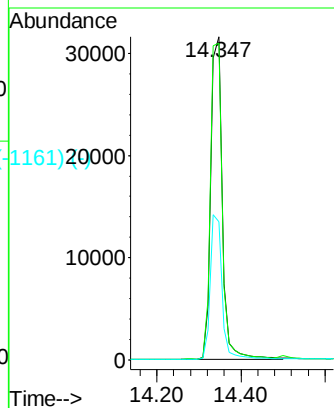
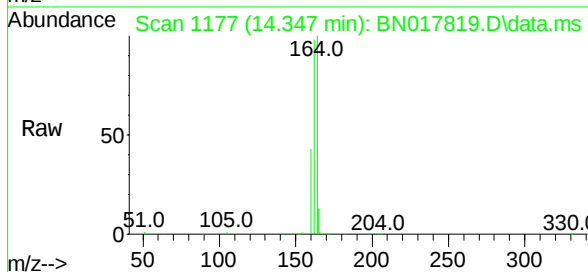
Tgt Ion:164 Resp: 59747

Ion Ratio Lower Upper

164 100

162 98.1 79.0 118.6

160 42.7 34.6 52.0



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

2,4,6-Tribromophenol

Concen: 0.21 ng

RT: 15.844 min Scan# 1295

Delta R.T. -0.001 min

Lab File: BN017819.D

Acq: 09 Dec 2021 04:36

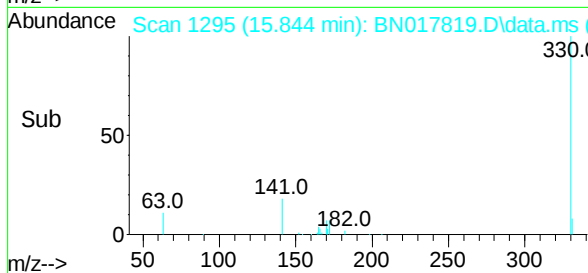
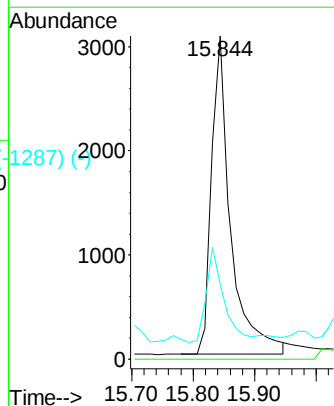
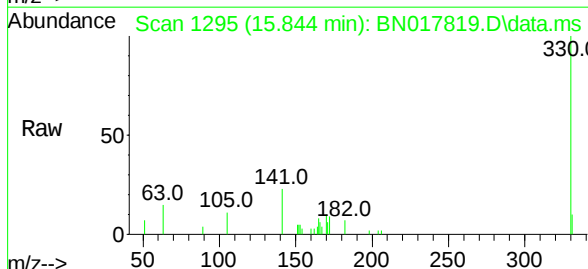
Tgt Ion:330 Resp: 6635

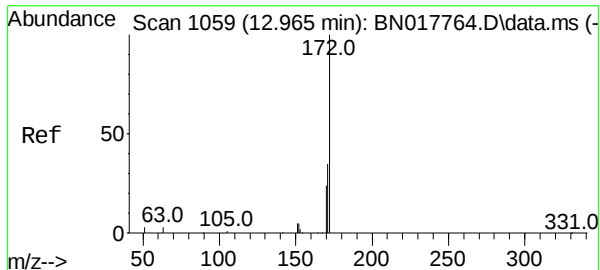
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.2 21.5 32.3

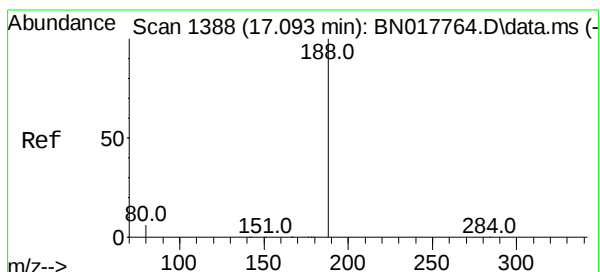
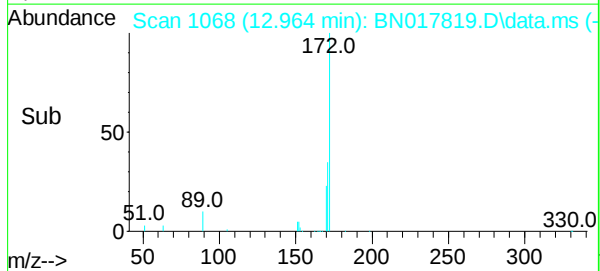
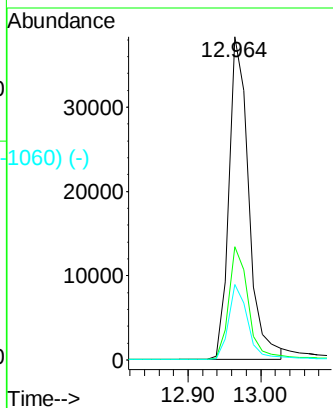
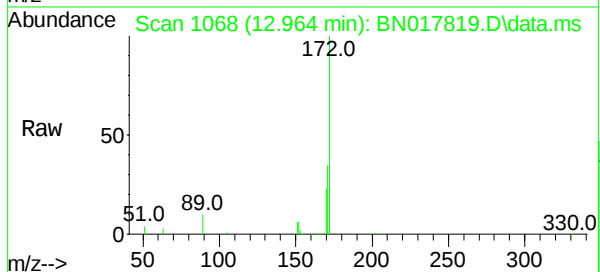




2-Fluorobiphenyl
Concen: 0.33 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.001 min
Lab File: BN017819.D
Acq: 09 Dec 2021 04:36

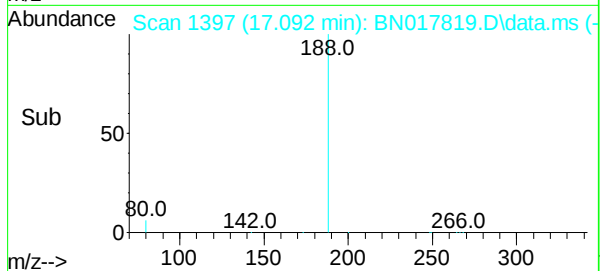
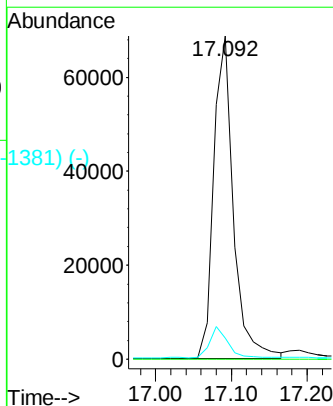
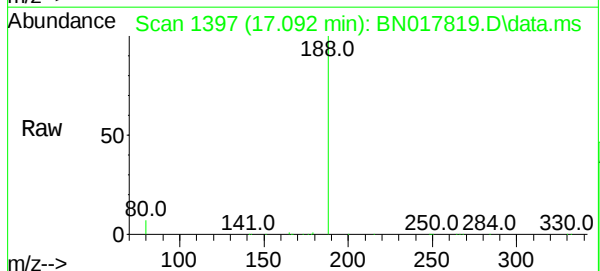
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Tgt Ion:	172	Resp:	72022
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.3	18.9	28.3



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.001 min
Lab File: BN017819.D
Acq: 09 Dec 2021 04:36

Tgt Ion:	188	Resp:	124143
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	5.1	7.7



Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1259) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.10 ng

RT: 15.502 min Scan# 1258

Delta R.T. 0.013 min

Lab File: BN017819.D

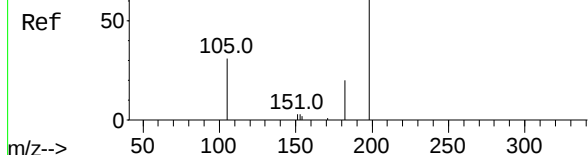
Acq: 09 Dec 2021 04:36

Instrument :

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RE132D2-20211129



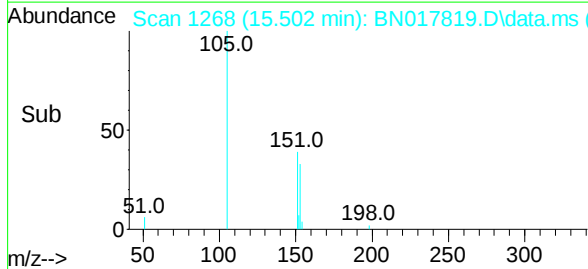
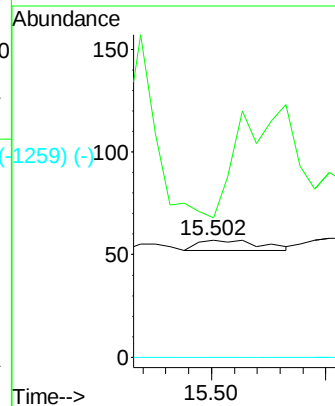
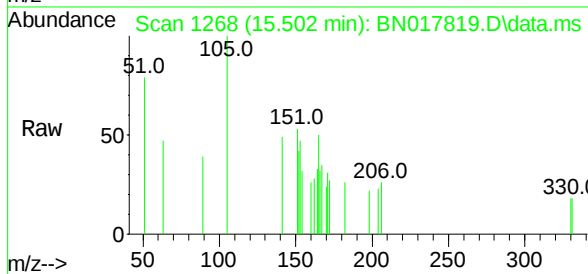
Tgt Ion:198 Resp: 19

Ion Ratio Lower Upper

198 100

182 119.3 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1362) (-)

Pentachlorophenol

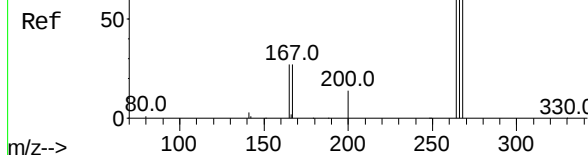
Concen: 0.28 ng

RT: 16.776 min Scan# 1371

Delta R.T. 0.012 min

Lab File: BN017819.D

Acq: 09 Dec 2021 04:36



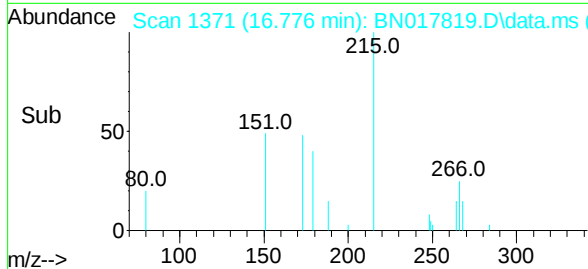
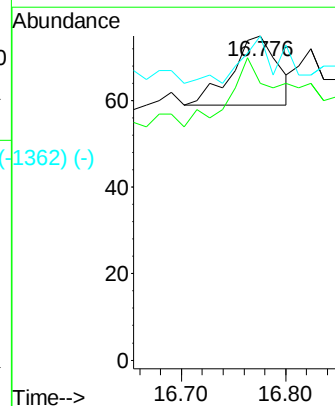
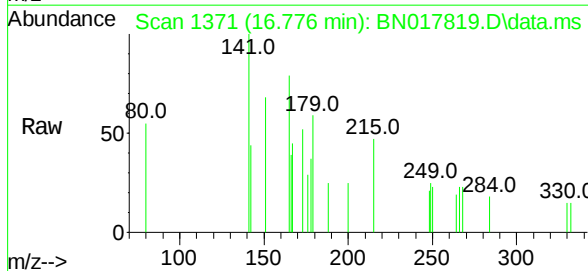
Tgt Ion:266 Resp: 49

Ion Ratio Lower Upper

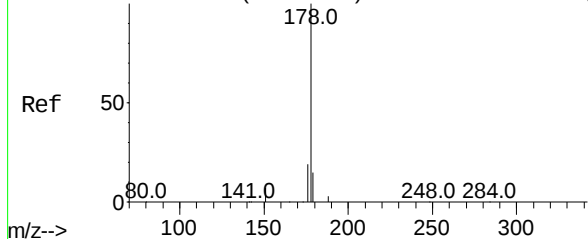
266 100

264 79.6 50.8 76.2#

268 44.9 51.8 77.6#



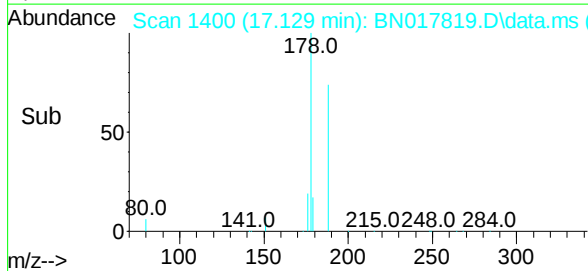
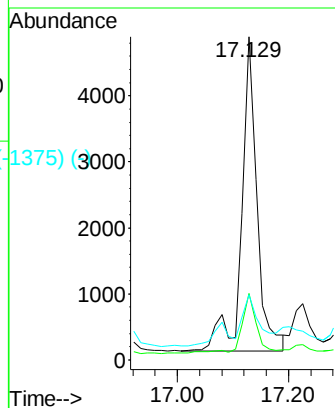
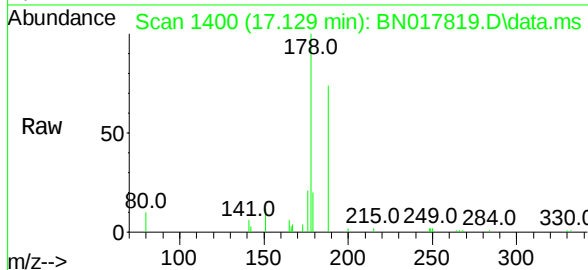
Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)



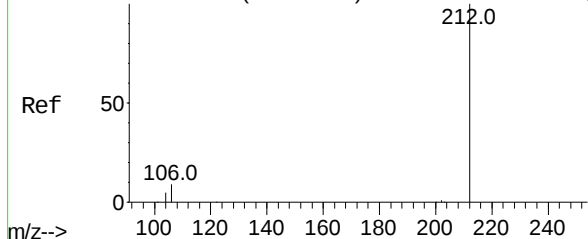
Phenanthrene
Concen: 0.03 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BN017819.D
Acq: 09 Dec 2021 04:36

Instrument :
BNA_N
ClientSampleId :
RE132D2-20211129

Tgt Ion:178 Resp: 9068
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 14.7 12.5 18.7

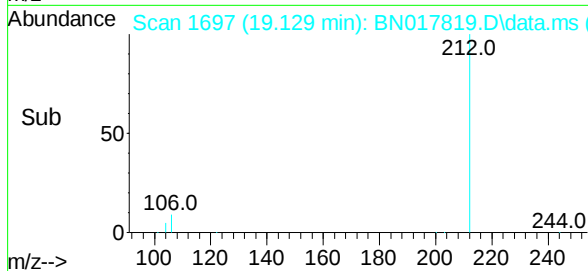
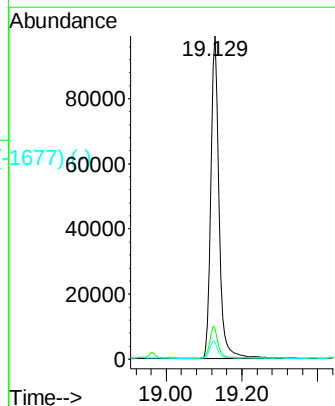
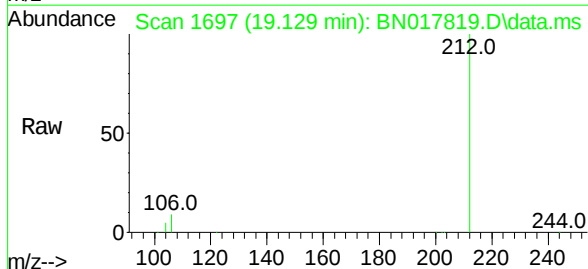


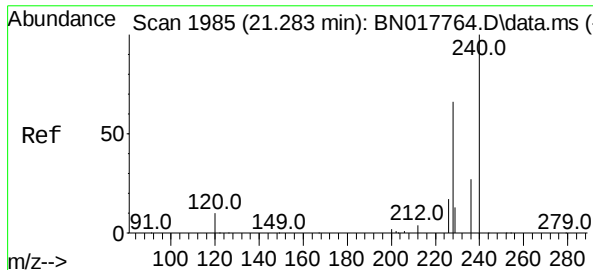
Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)



Fluoranthene-d10
Concen: 0.36 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BN017819.D
Acq: 09 Dec 2021 04:36

Tgt Ion:212 Resp: 147560
Ion Ratio Lower Upper
212 100
106 9.5 8.2 12.2
104 5.3 4.6 6.8

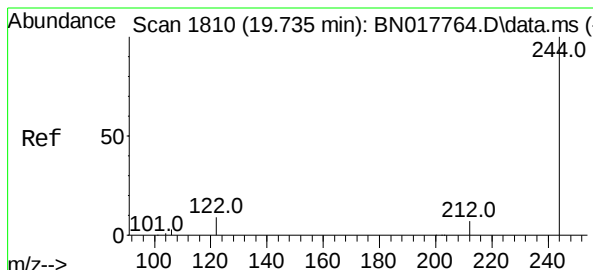
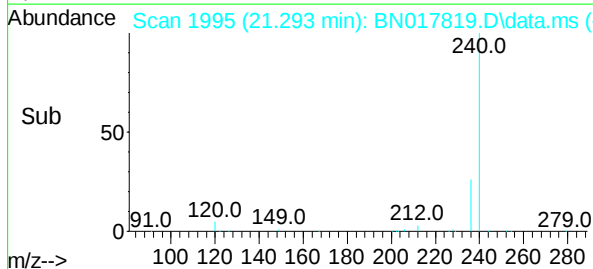
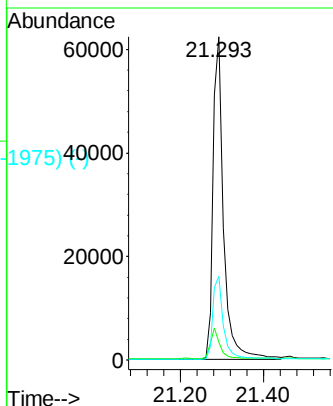
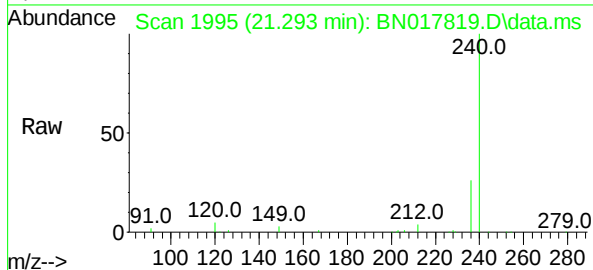




Chrysene-d12
 Concen: 0.40 ng
 RT: 21.293 min Scan# 1929
 Delta R.T. 0.010 min
 Lab File: BN017819.D
 Acq: 09 Dec 2021 04:36

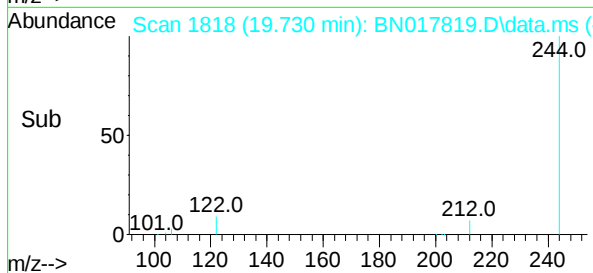
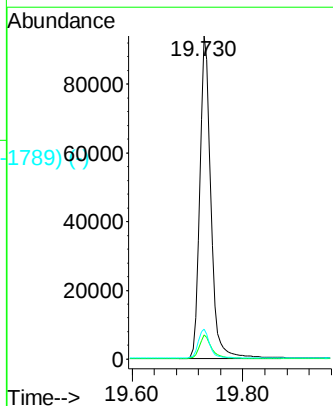
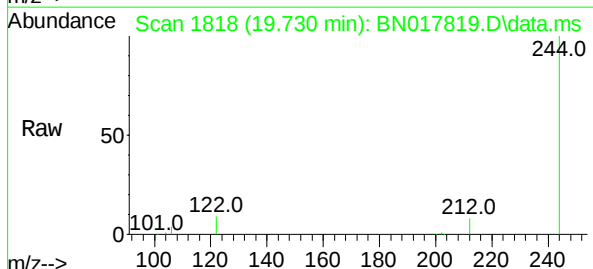
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20211129

Tgt Ion:	240	Resp:	110699
Ion	Ratio	Lower	Upper
240	100		
120	5.5	7.9	11.9#
236	25.9	21.4	32.2



Terphenyl-d14
 Concen: 0.56 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BN017819.D
 Acq: 09 Dec 2021 04:36

Tgt Ion:	244	Resp:	132040
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.4	7.1	10.7



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

Bis(2-ethylhexyl)phthalate

Concen: 1.28 ng

RT: 21.218 min Scan# 1979

Delta R.T. -0.001 min

Lab File: BN017819.D

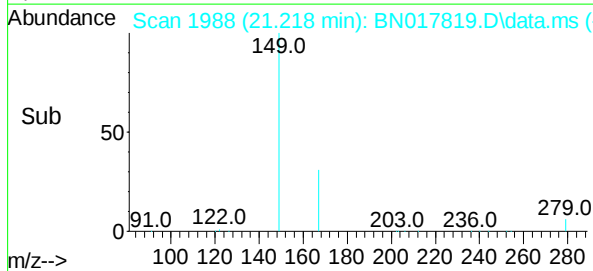
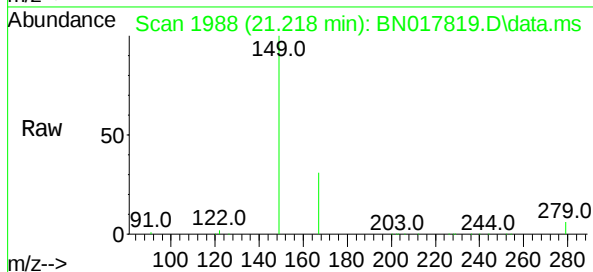
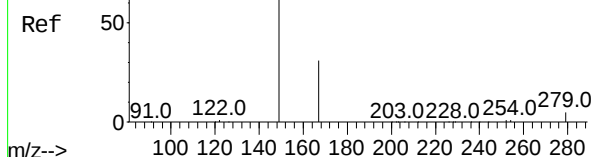
Acq: 09 Dec 2021 04:36

Instrument :

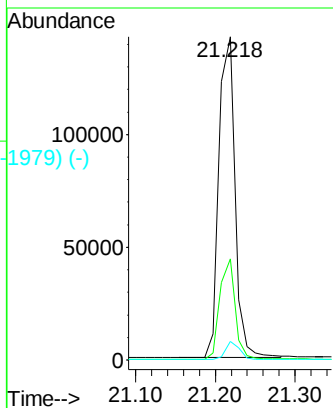
BNA_N

ClientSampleId :

RE132D2-20211129



Tgt Ion:	149	Resp:	198181
Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.5	35.3
279	5.0	3.8	5.6



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

Perylene-d12

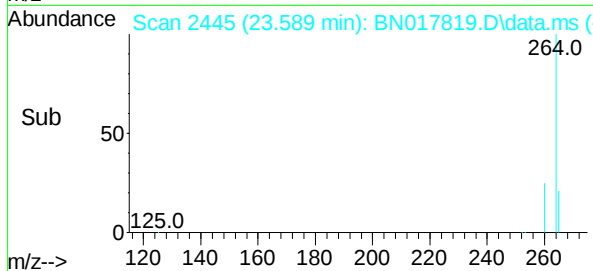
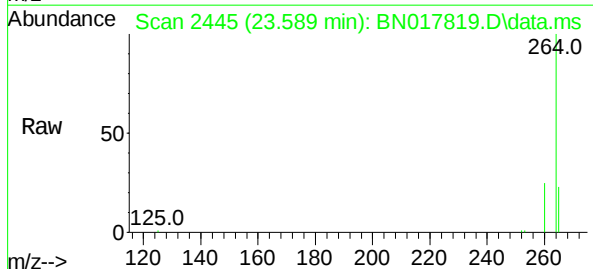
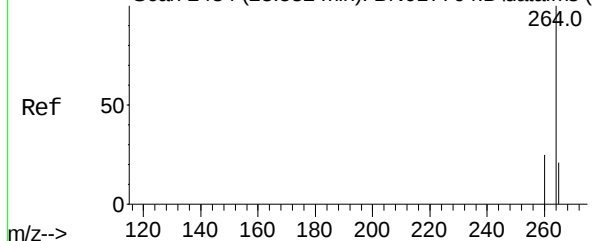
Concen: 0.40 ng

RT: 23.589 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BN017819.D

Acq: 09 Dec 2021 04:36



Tgt Ion:	264	Resp:	84576
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	23.3	20.5	30.7

