

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017826.D
 Acq On : 09 Dec 2021 08:46
 Operator : CG/JU
 Sample : M4922-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20211130

Quant Time: Dec 10 01:52:37 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)

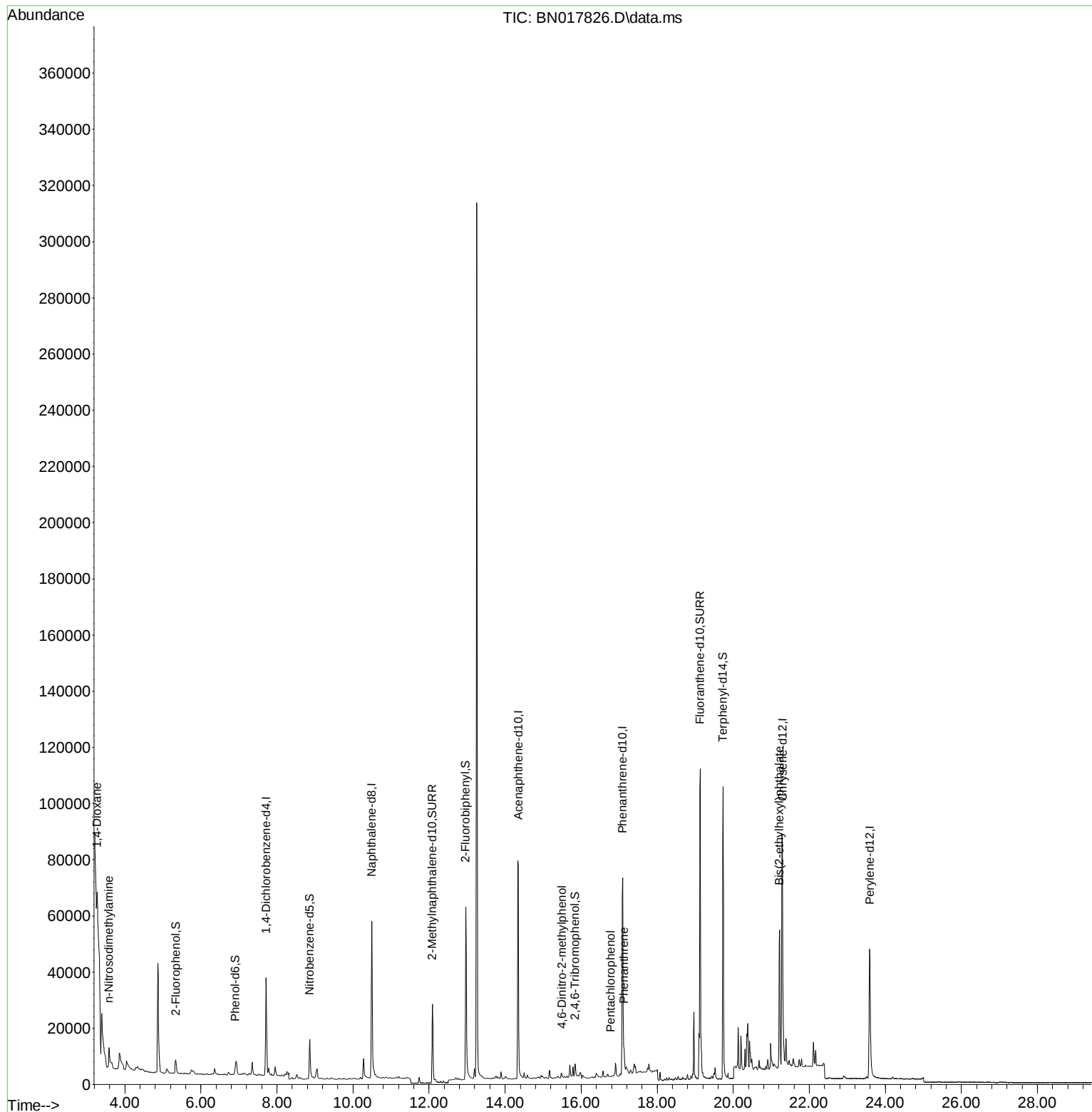
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20706	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	84500	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	57743	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	121978	0.40	ng	0.00
29) Chrysene-d12	21.293	240	105623	0.40	ng	# 0.01
35) Perylene-d12	23.586	264	79849	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5530	0.11	ng	0.00
5) Phenol-d6	6.903	99	3084	0.07	ng	0.00
8) Nitrobenzene-d5	8.859	82	15287	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	41974	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	6055	0.20	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63468	0.30	ng	0.00
27) Fluoranthene-d10	19.129	212	143685	0.35	ng	0.00
31) Terphenyl-d14	19.730	244	117904	0.52	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	18108	2.38	ng	# 100
3) n-Nitrosodimethylamine	3.584	42	1252	0.06	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.489	198	5	0.08	ng	# 25
24) Pentachlorophenol	16.776	266	72	0.28	ng	# 75
25) Phenanthrene	17.129	178	8358	0.03	ng	99
34) Bis(2-ethylhexyl)phtha...	21.219	149	58106	0.39	ng	94

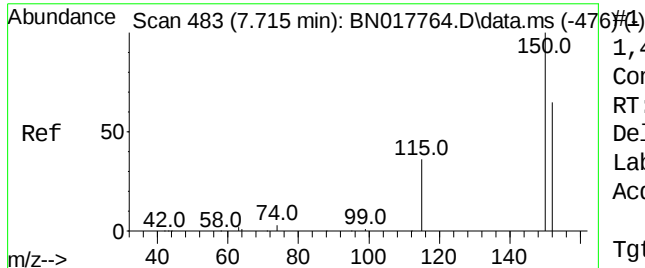
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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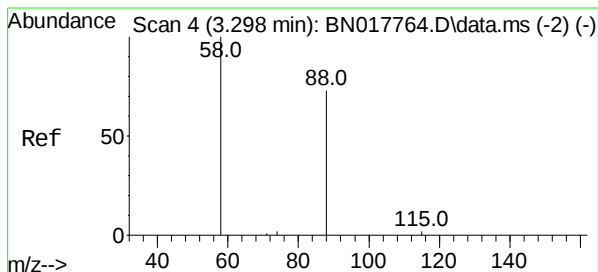
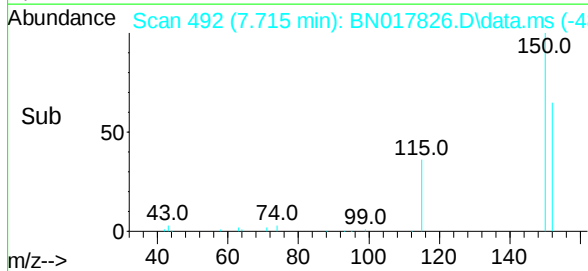
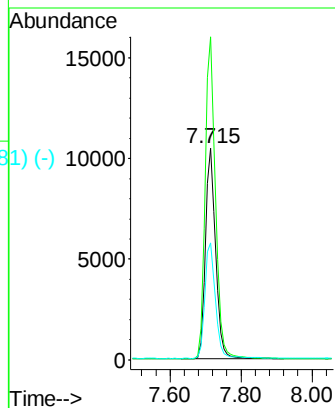
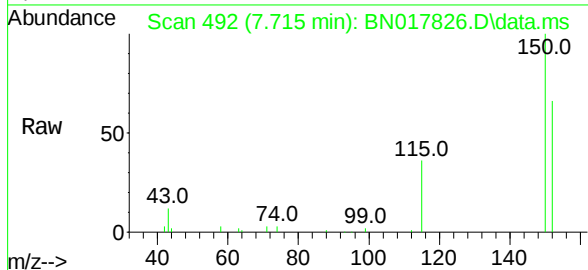




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.715 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017826.D
 Acq: 09 Dec 2021 08:46

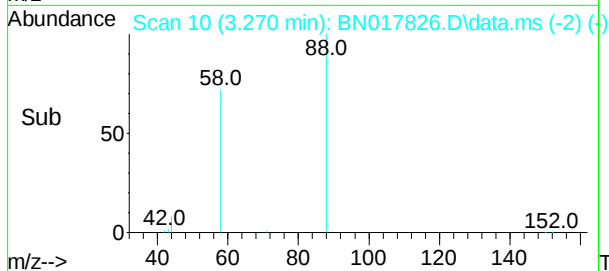
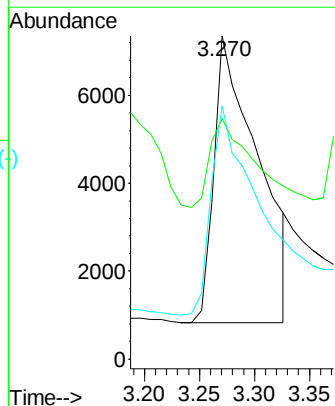
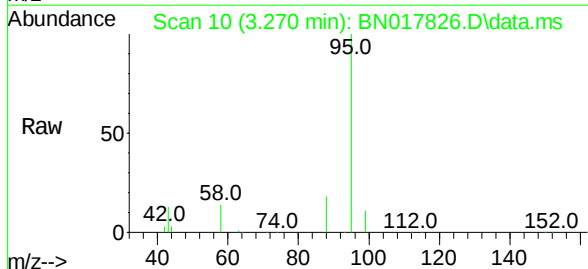
Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20211130

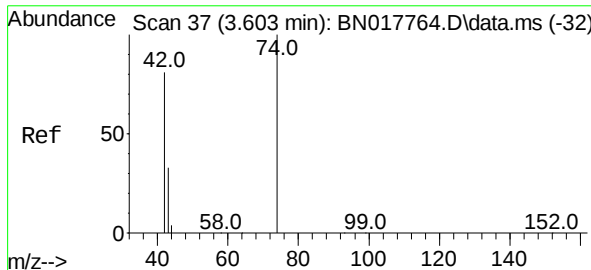
Tgt Ion: 152 Resp: 20706
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.0 184.4
 115 55.2 45.3 67.9



#2
 1,4-Dioxane
 Concen: 2.38 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017826.D
 Acq: 09 Dec 2021 08:46

Tgt Ion: 88 Resp: 18108
 Ion Ratio Lower Upper
 88 100
 43 29.7 0.0 0.0#
 58 74.5 0.0 0.0#

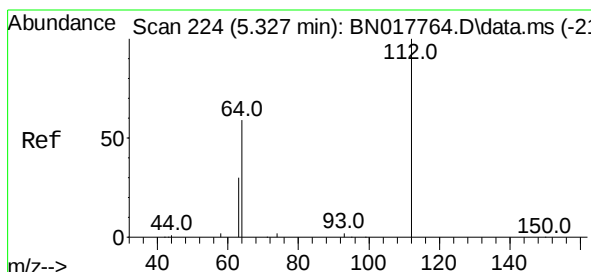
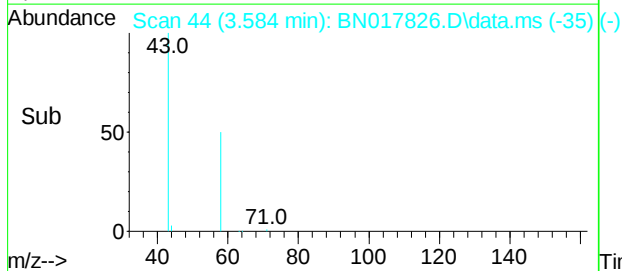
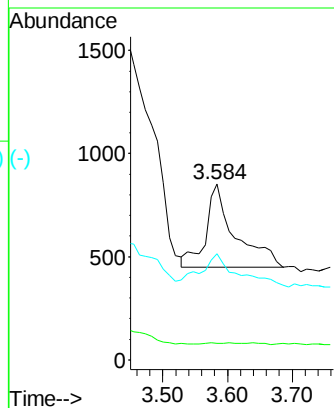
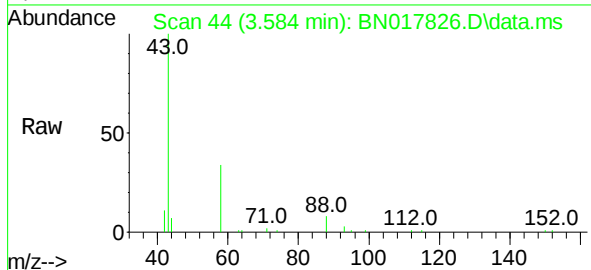




n-Nitrosodimethylamine
 Concen: 0.06 ng
 RT: 3.584 min Scan# 4
 Delta R.T. -0.019 min
 Lab File: BN017826.D
 Acq: 09 Dec 2021 08:46

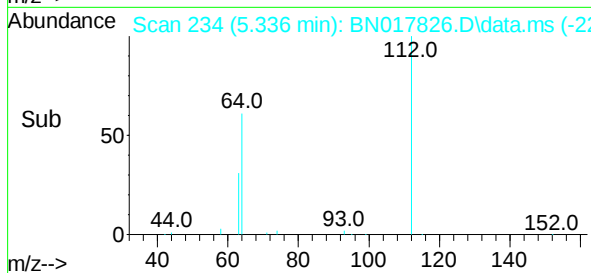
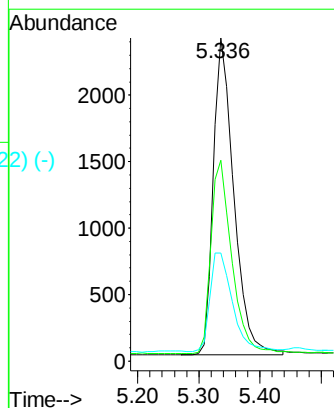
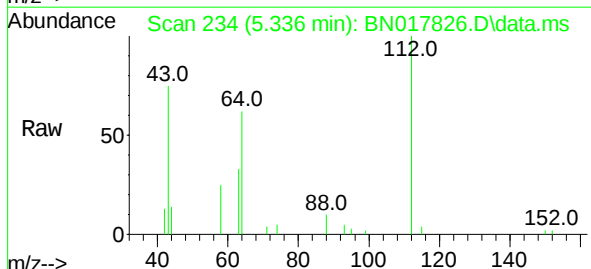
Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20211130

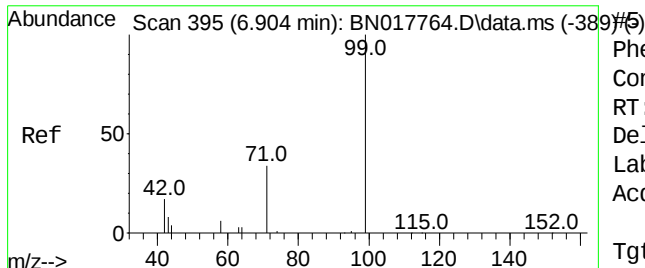
Tgt Ion: 42 Resp: 1252
 Ion Ratio Lower Upper
 42 100
 74 1.0 101.3 151.9#
 44 52.0 5.0 7.4#



2-Fluorophenol
 Concen: 0.11 ng
 RT: 5.336 min Scan# 234
 Delta R.T. 0.009 min
 Lab File: BN017826.D
 Acq: 09 Dec 2021 08:46

Tgt Ion: 112 Resp: 5530
 Ion Ratio Lower Upper
 112 100
 64 61.9 49.3 73.9
 63 34.5 25.8 38.8

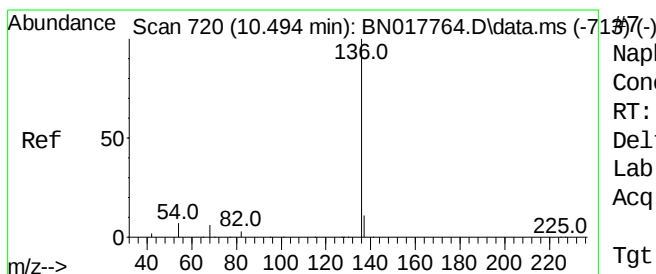
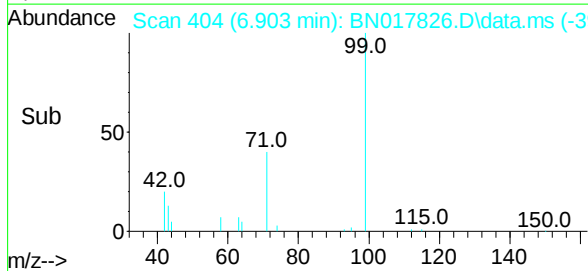
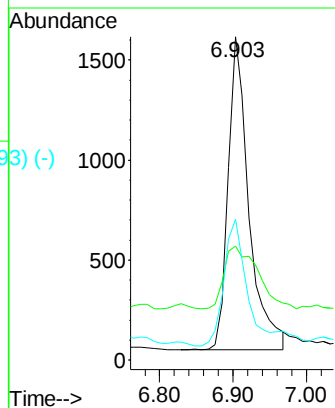
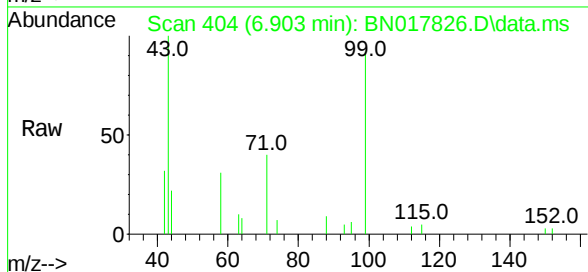




Phenol-d6
 Concen: 0.07 ng
 RT: 6.903 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: BN017826.D
 Acq: 09 Dec 2021 08:46

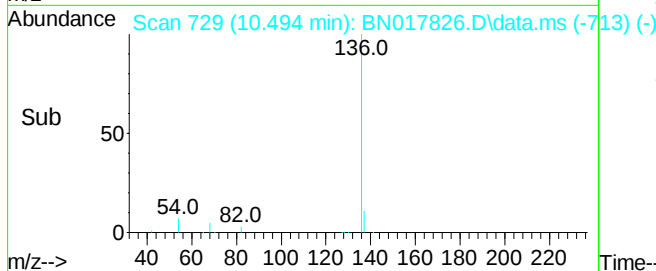
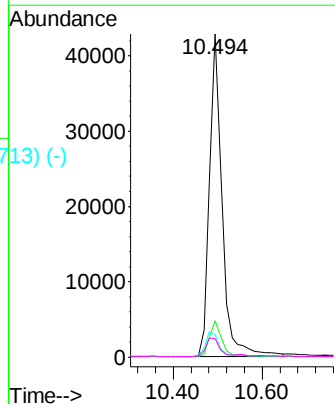
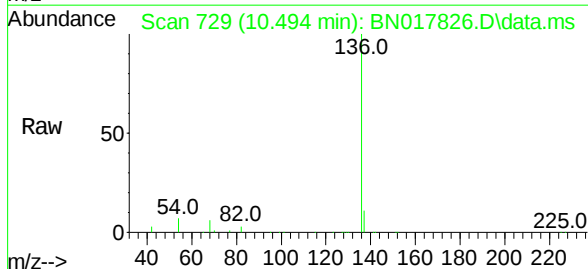
Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20211130

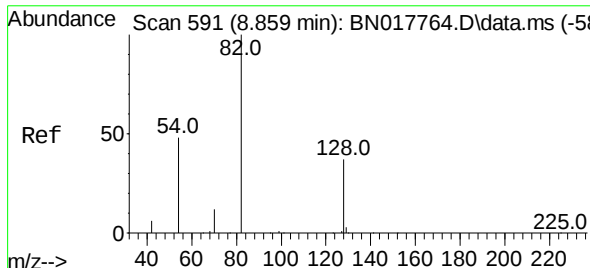
Tgt Ion: 99 Resp: 3084
 Ion Ratio Lower Upper
 99 100
 42 31.7 16.6 25.0#
 71 44.7 29.0 43.4#



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.494 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BN017826.D
 Acq: 09 Dec 2021 08:46

Tgt Ion: 136 Resp: 84500
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.8 13.2
 54 7.0 5.9 8.9
 68 5.8 5.0 7.6





Nitrobenzene-d5

Concen: 0.27 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017826.D

Acq: 09 Dec 2021 08:46

Instrument :

BNA_N

ClientSampleId :

DUP06-20211130

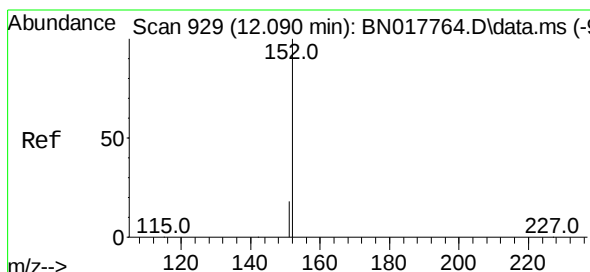
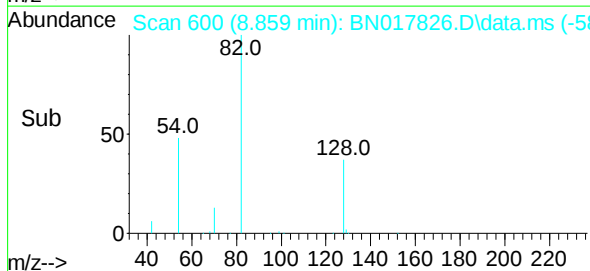
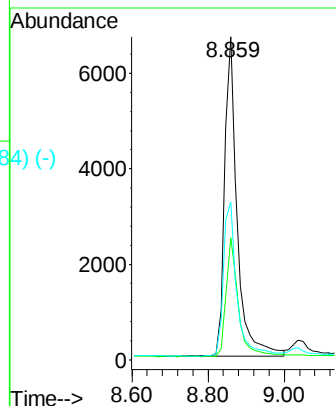
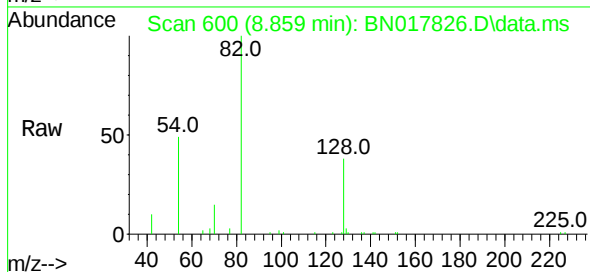
Tgt Ion: 82 Resp: 15287

Ion Ratio Lower Upper

82 100

128 37.9 30.2 45.2

54 48.9 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: BN017826.D

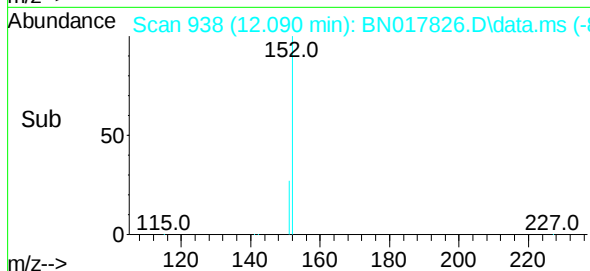
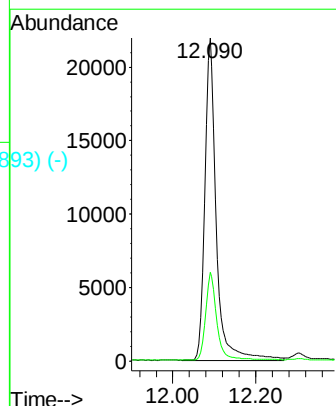
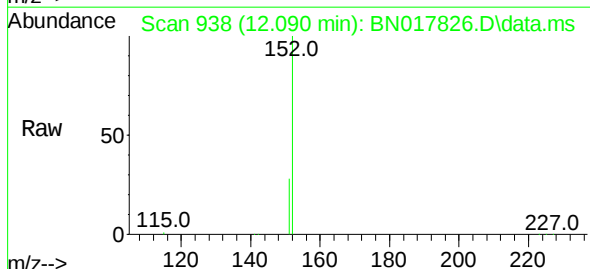
Acq: 09 Dec 2021 08:46

Tgt Ion: 152 Resp: 41974

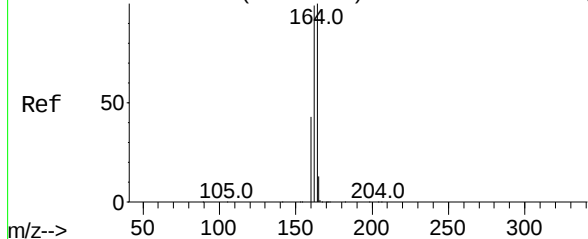
Ion Ratio Lower Upper

152 100

151 27.2 16.4 24.6#



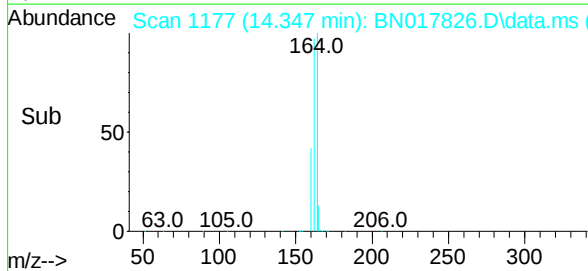
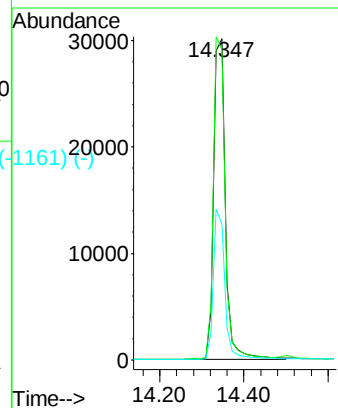
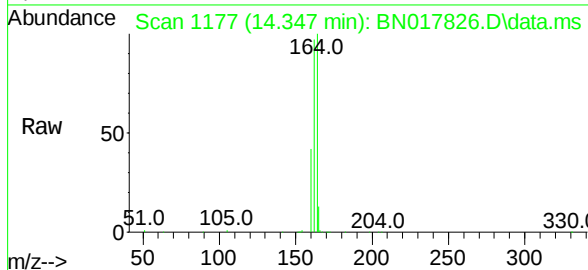
Abundance Scan 1168 (14.348 min): BN017764.D\data.ms (-1168) (-)



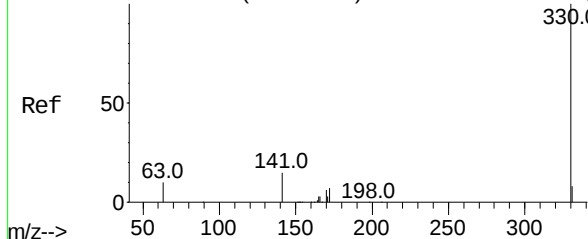
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	164	Resp:	57743
Ion	Ratio	Lower	Upper
164	100		
162	96.5	79.0	118.6
160	42.2	34.6	52.0

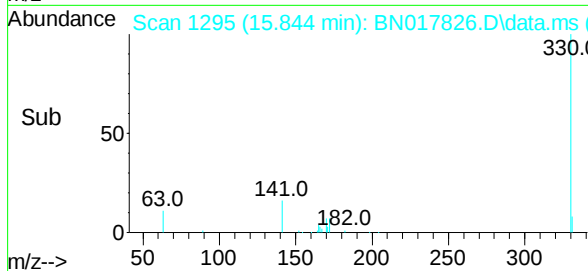
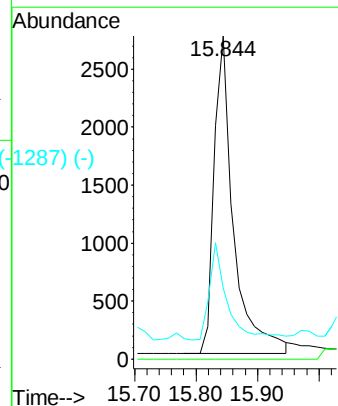
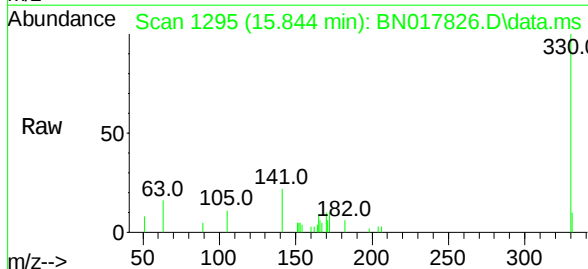


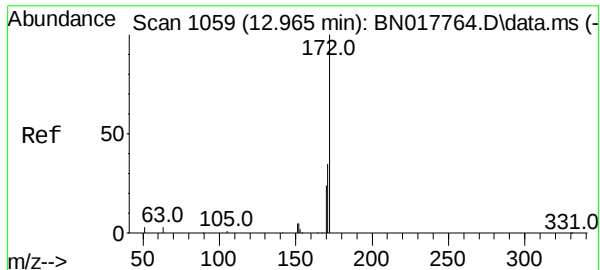
Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1286) (-)



2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion:	330	Resp:	6055
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.5	21.5	32.3

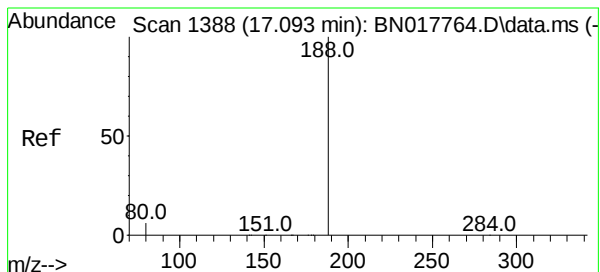
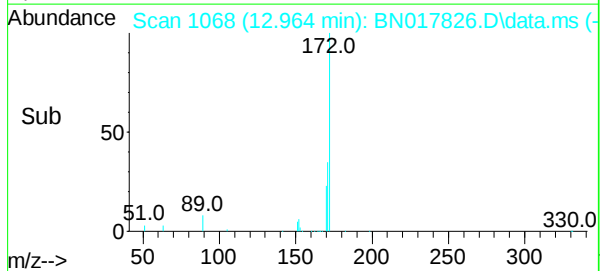
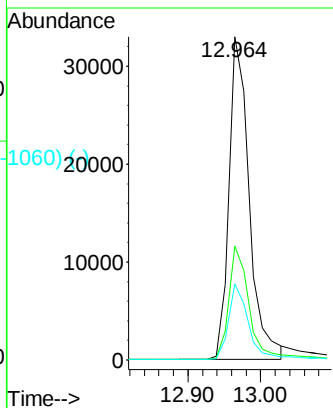
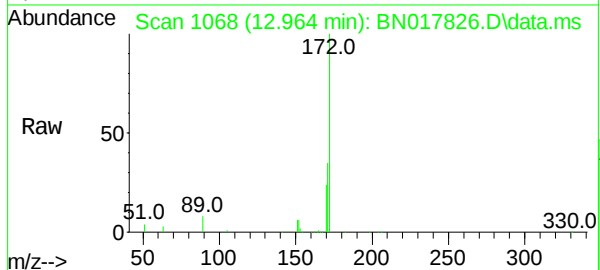




2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

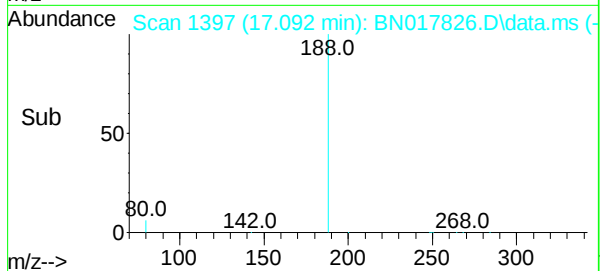
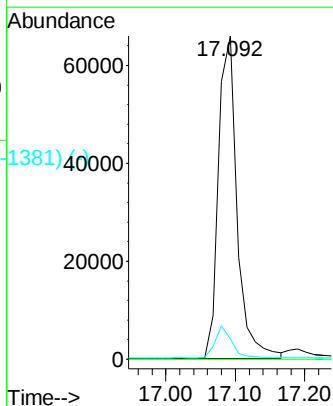
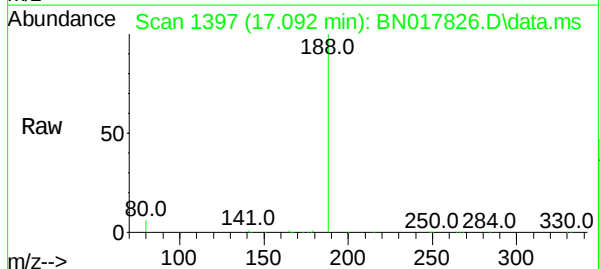
Instrument :
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ClientSampleId :
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Tgt Ion:	172	Resp:	63468
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.6	18.9	28.3



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion:	188	Resp:	121978
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	5.1	7.7



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

4,6-Dinitro-2-methylphenol

Concen: 0.08 ng

RT: 15.489 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BN017826.D

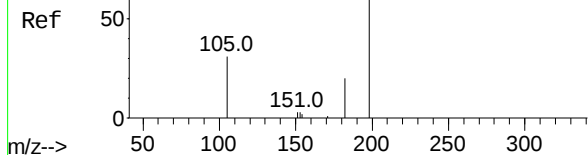
Acq: 09 Dec 2021 08:46

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DUP06-20211130



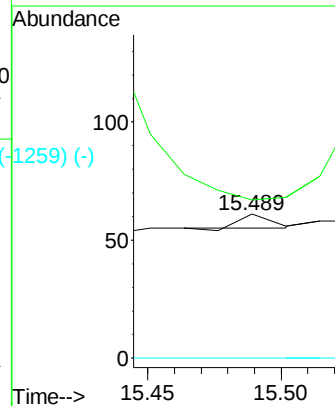
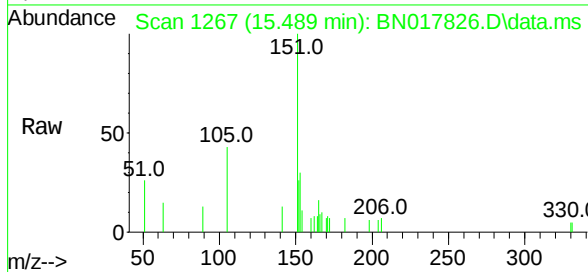
Tgt Ion:198 Resp: 5

Ion Ratio Lower Upper

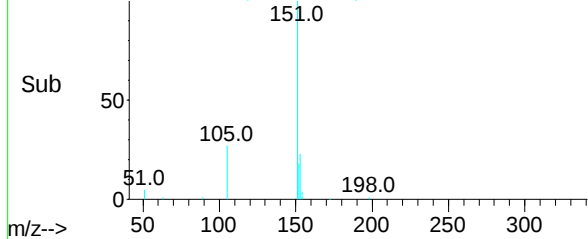
198 100

182 109.8 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1267 (15.489 min): BN017826.D\data.ms (-1259) (-)



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

Pentachlorophenol

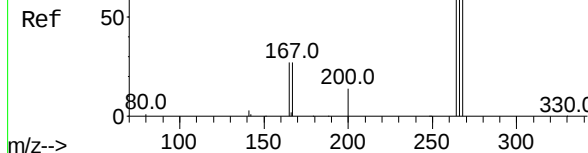
Concen: 0.28 ng

RT: 16.776 min Scan# 1371

Delta R.T. 0.012 min

Lab File: BN017826.D

Acq: 09 Dec 2021 08:46



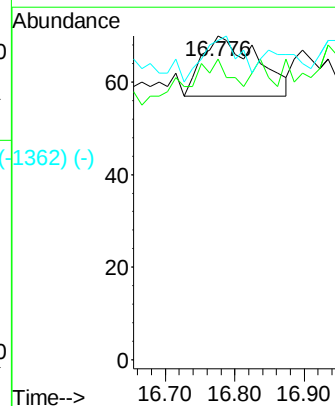
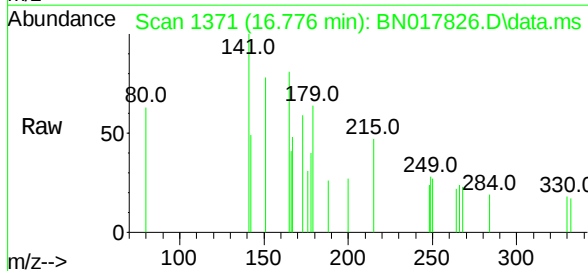
Tgt Ion:266 Resp: 72

Ion Ratio Lower Upper

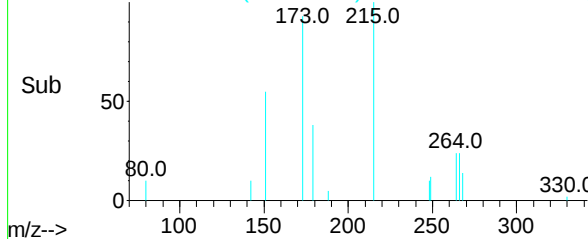
266 100

264 38.9 50.8 76.2#

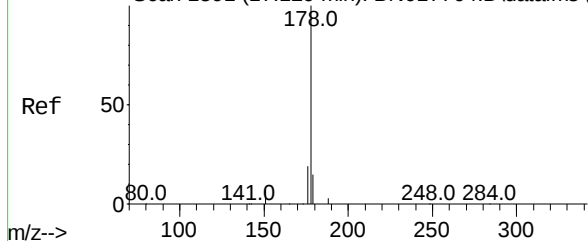
268 50.0 51.8 77.6#



Abundance Scan 1371 (16.776 min): BN017826.D\data.ms (-1362) (-)



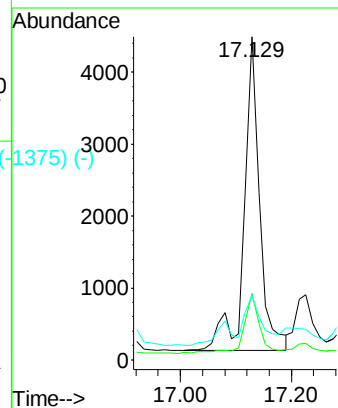
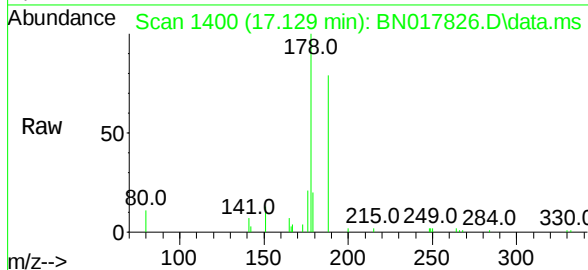
Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)



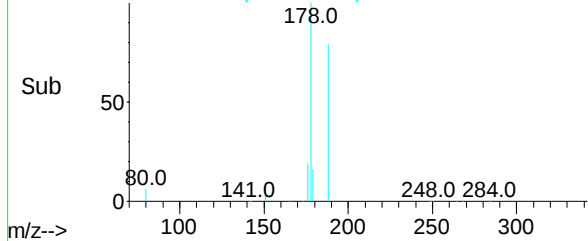
Phenanthrene
Concen: 0.03 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Instrument :
BNA_N
ClientSampleId :
DUP06-20211130

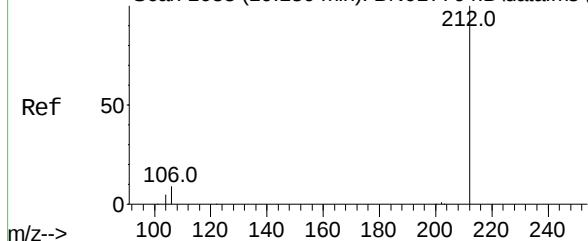
Tgt Ion:178 Resp: 8358
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 14.3 12.5 18.7



Abundance Scan 1400 (17.129 min): BN017826.D\data.ms (-1375) (-)

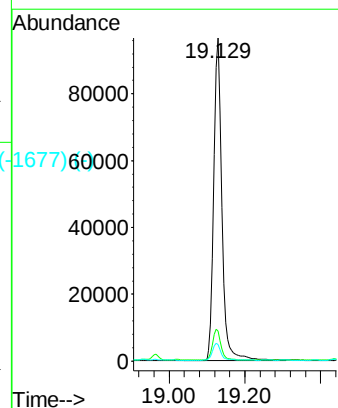
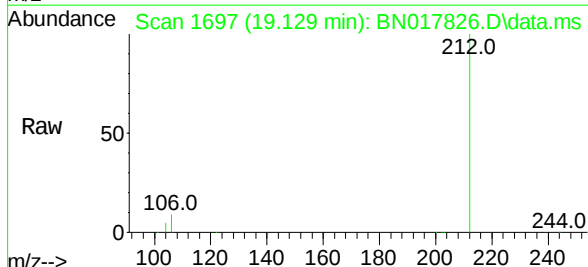


Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)

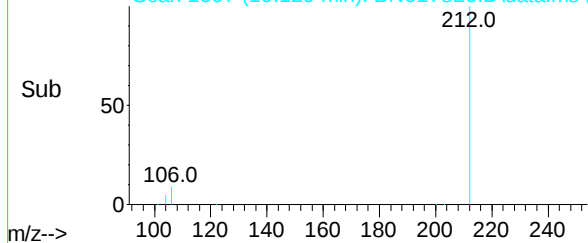


Fluoranthene-d10
Concen: 0.35 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017826.D
Acq: 09 Dec 2021 08:46

Tgt Ion:212 Resp: 143685
Ion Ratio Lower Upper
212 100
106 9.4 8.2 12.2
104 5.7 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017826.D\data.ms (-1677) (-)



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

Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1985

Delta R.T. 0.010 min

Lab File: BN017826.D

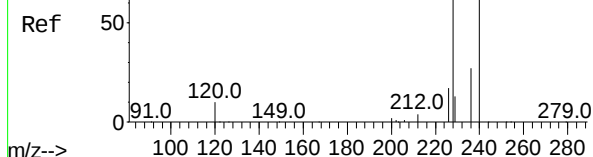
Acq: 09 Dec 2021 08:46

Instrument :

BNA_N

ClientSampleId :

DUP06-20211130



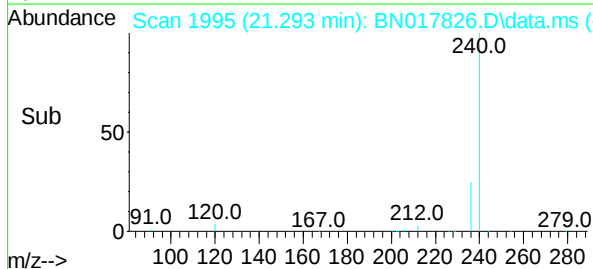
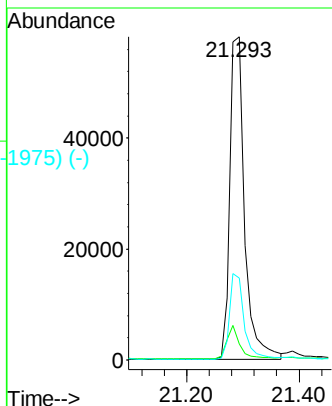
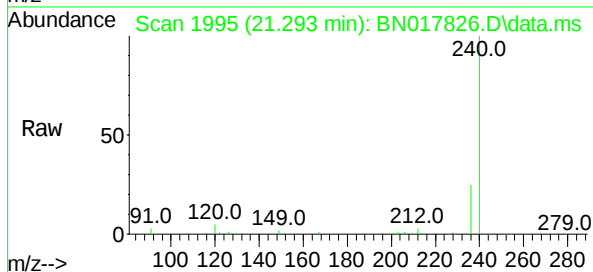
Tgt Ion:240 Resp: 105623

Ion Ratio Lower Upper

240 100

120 4.8 7.9 11.9#

236 25.4 21.4 32.2



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

Terphenyl-d14

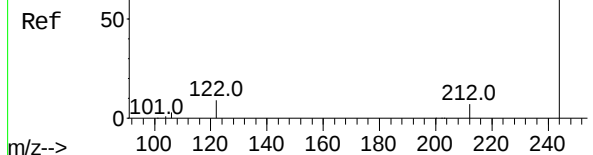
Concen: 0.52 ng

RT: 19.730 min Scan# 1818

Delta R.T. -0.005 min

Lab File: BN017826.D

Acq: 09 Dec 2021 08:46



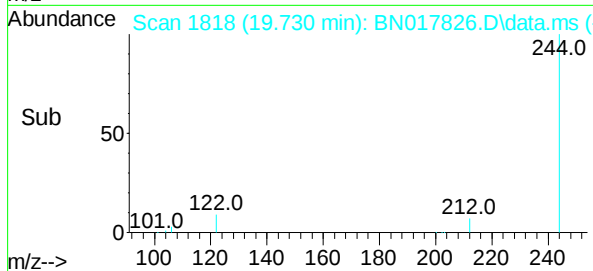
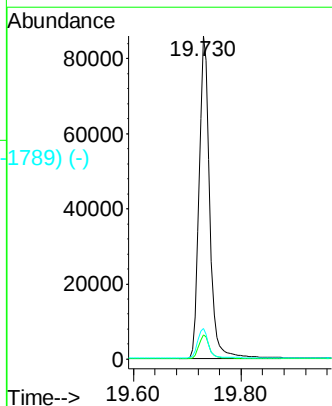
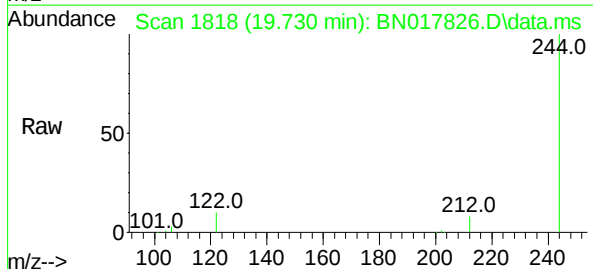
Tgt Ion:244 Resp: 117904

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

122 9.5 7.1 10.7



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

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 21.219 min Scan# 1979

Delta R.T. -0.000 min

Lab File: BN017826.D

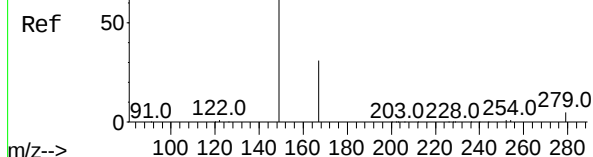
Acq: 09 Dec 2021 08:46

Instrument :

BNA_N

ClientSampleId :

DUP06-20211130



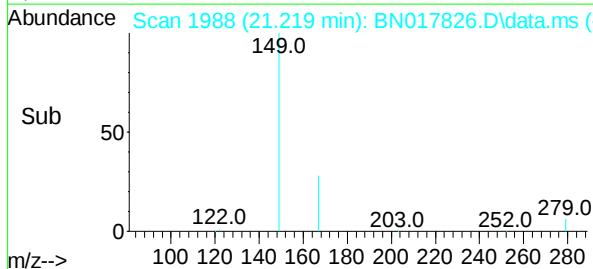
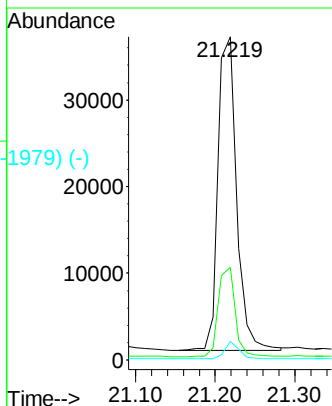
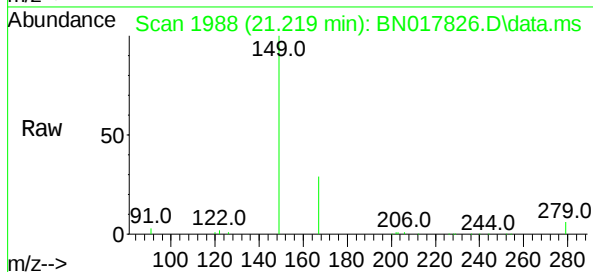
Tgt Ion:149 Resp: 58106

Ion Ratio Lower Upper

149 100

167 25.6 23.5 35.3

279 4.3 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: BN017826.D

Acq: 09 Dec 2021 08:46

Tgt Ion:264 Resp: 79849

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 23.3 20.5 30.7

