

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017372.D
 Acq On : 10 Nov 2021 06:03
 Operator : CG/JU
 Sample : M4504-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20211103

Quant Time: Nov 10 11:23:05 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)

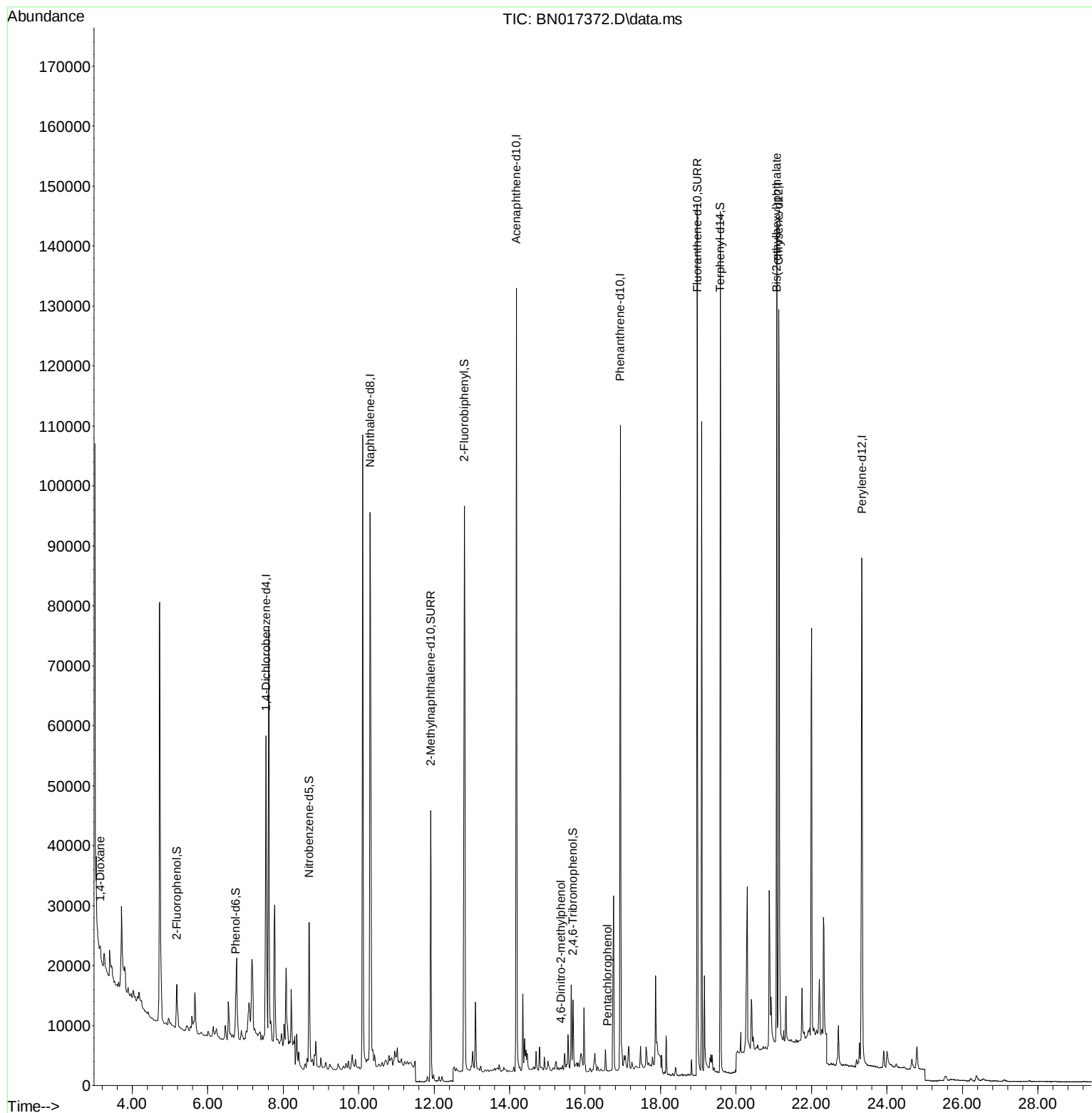
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	27795	0.400	ng	0.00
7) Naphthalene-d8	10.307	136	131092	0.400	ng	# 0.00
13) Acenaphthene-d10	14.181	164	71810	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	137109	0.400	ng	0.00
29) Chrysene-d12	21.133	240	127410	0.400	ng	# 0.00
35) Perylene-d12	23.335	264	114894	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.182	112	8455	0.132	ng	0.02
5) Phenol-d6	6.740	99	5837	0.083	ng	0.00
8) Nitrobenzene-d5	8.684	82	24564	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	62991	0.326	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	8536	0.318	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	85958	0.315	ng	0.00
27) Fluoranthene-d10	18.975	212	164756	0.471	ng	0.00
31) Terphenyl-d14	19.586	244	143565	0.506	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.153	88	341	0.022	ng	# 64
20) 4,6-Dinitro-2-methylph...	15.361	198	12	0.187	ng	# 1
24) Pentachlorophenol	16.593	266	47	0.221	ng	95
34) Bis(2-ethylhexyl)phtha...	21.080	149	113457	0.832	ng	99

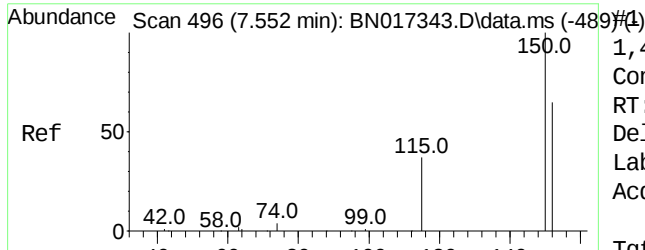
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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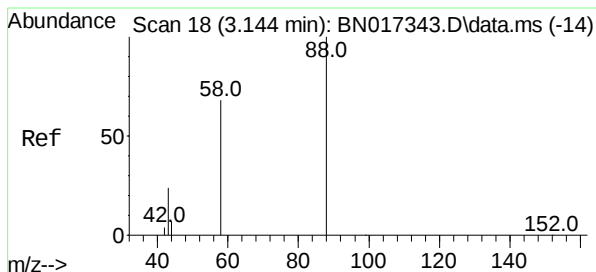
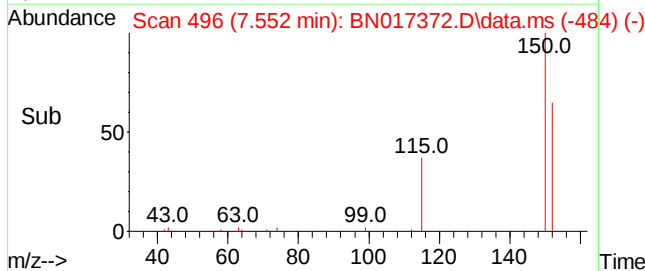
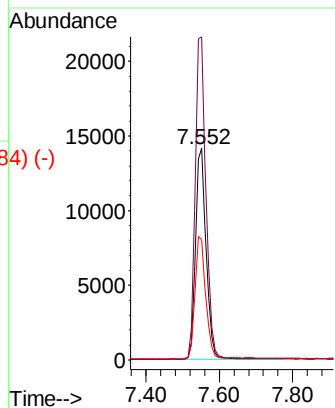
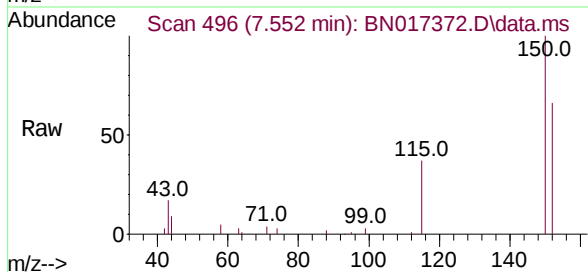




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.552 min Scan# 4
 Delta R.T. 0.010 min
 Lab File: BN017372.D
 Acq: 10 Nov 2021 06:03

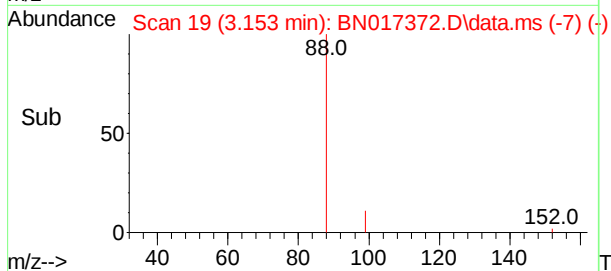
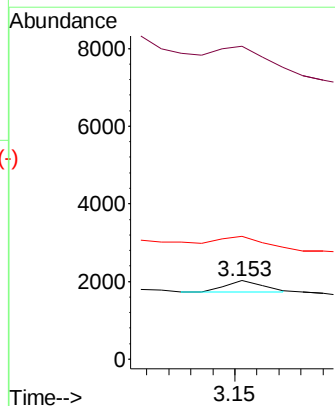
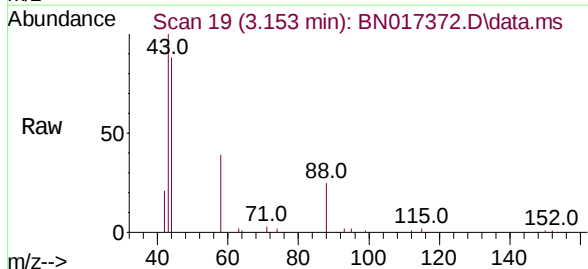
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20211103

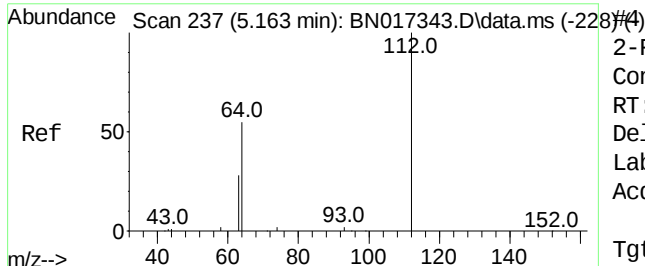
Tgt Ion:	152	Resp:	27795
Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.0	184.4
115	56.9	45.6	68.4



1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.153 min Scan# 19
 Delta R.T. 0.009 min
 Lab File: BN017372.D
 Acq: 10 Nov 2021 06:03

Tgt Ion:	88	Resp:	341
Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.7	37.1#
58	103.5	63.0	94.6#





2-Fluorophenol

Concen: 0.132 ng

RT: 5.182 min Scan# 1

Delta R.T. 0.018 min

Lab File: BN017372.D

Acq: 10 Nov 2021 06:03

Instrument :

BNA_N

ClientSampleId :

DUP01-20211103

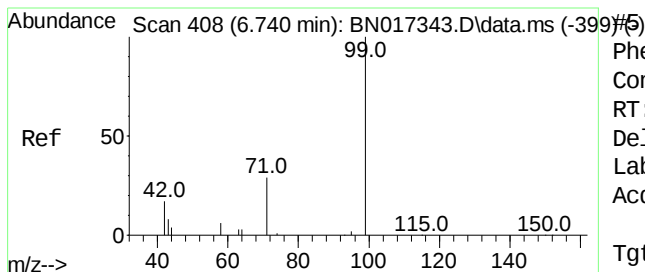
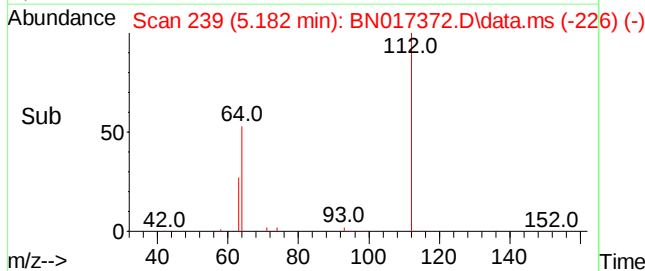
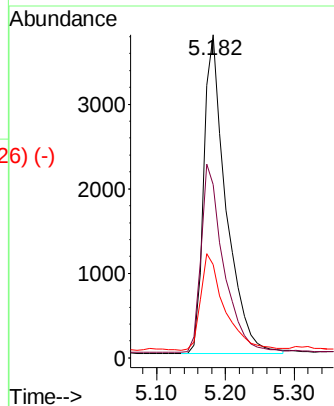
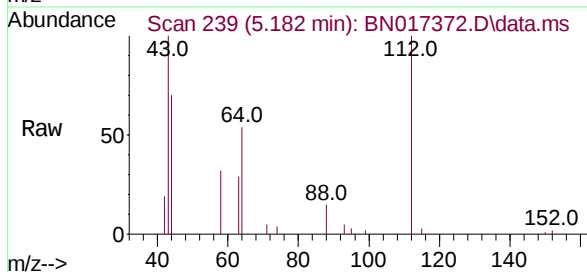
Tgt Ion:112 Resp: 8455

Ion Ratio Lower Upper

112 100

64 59.5 47.6 71.4

63 31.9 24.6 37.0



Phenol-d6

Concen: 0.083 ng

RT: 6.740 min Scan# 408

Delta R.T. 0.009 min

Lab File: BN017372.D

Acq: 10 Nov 2021 06:03

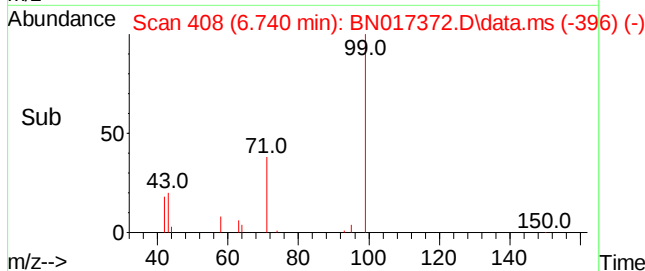
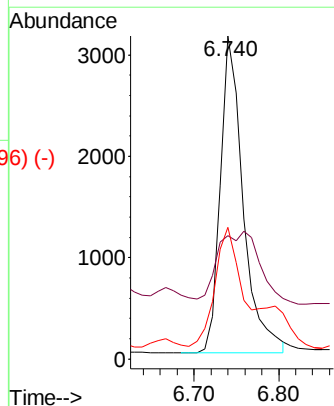
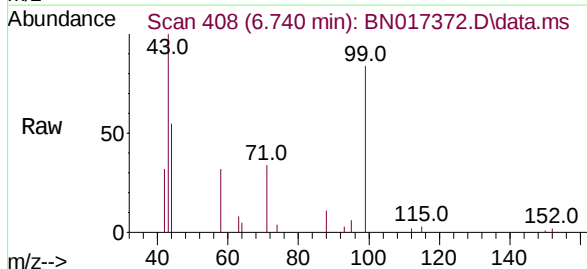
Tgt Ion: 99 Resp: 5837

Ion Ratio Lower Upper

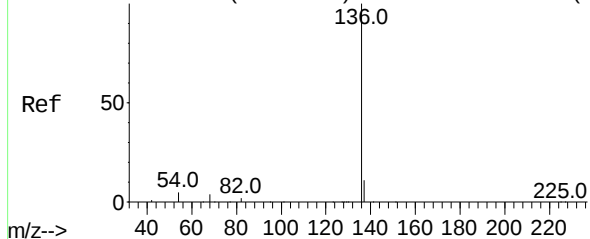
99 100

42 36.9 17.0 25.6#

71 45.8 24.8 37.2#



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



Naphthalene-d8

Concen: 0.400 ng

RT: 10.307 min Scan#

Delta R.T. -0.000 min

Lab File: BN017372.D

Acq: 10 Nov 2021 06:03

Instrument :

BNA_N

ClientSampleId :

DUP01-20211103

Tgt Ion:136 Resp: 131092

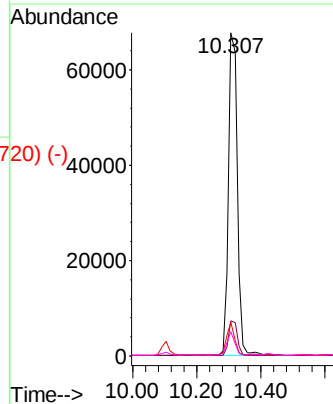
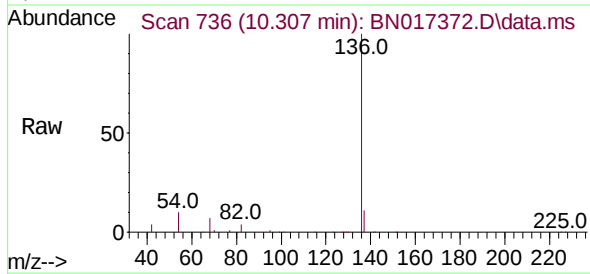
Ion Ratio Lower Upper

136 100

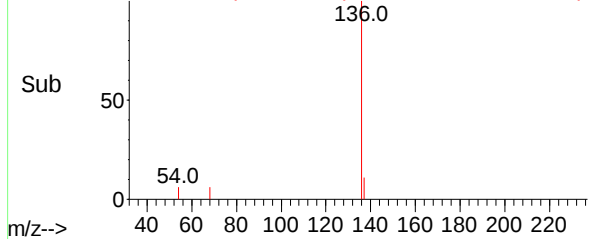
137 10.9 8.8 13.2

54 10.4 4.0 6.0#

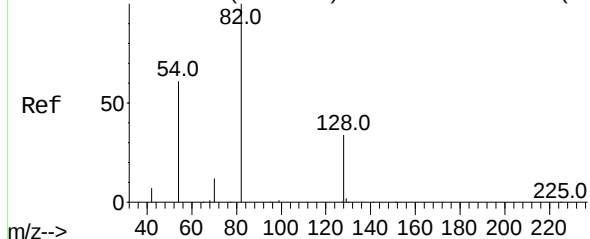
68 7.4 3.0 4.6#



Abundance Scan 736 (10.307 min): BN017372.D\data.ms (-720) (-)



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



Nitrobenzene-d5

Concen: 0.312 ng

RT: 8.684 min Scan# 608

Delta R.T. -0.000 min

Lab File: BN017372.D

Acq: 10 Nov 2021 06:03

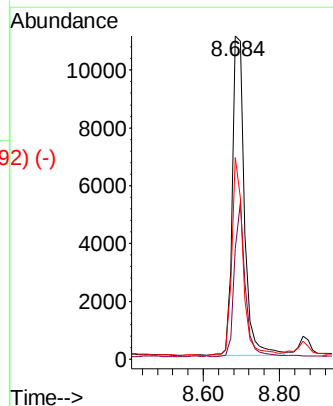
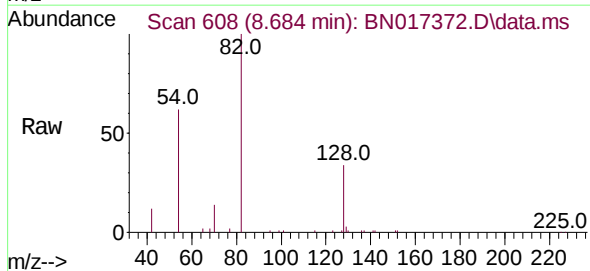
Tgt Ion: 82 Resp: 24564

Ion Ratio Lower Upper

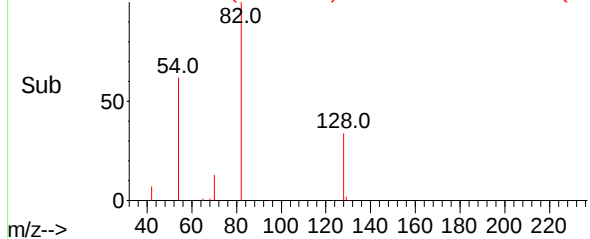
82 100

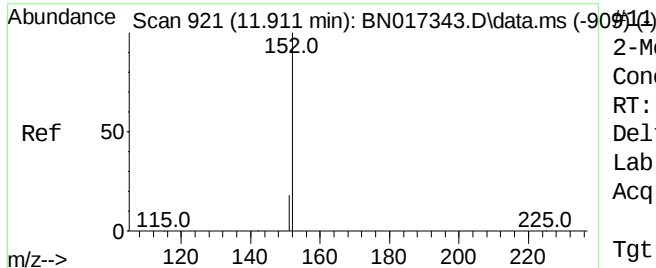
128 34.3 27.7 41.5

54 62.4 49.2 73.8



Abundance Scan 608 (8.684 min): BN017372.D\data.ms (-592) (-)

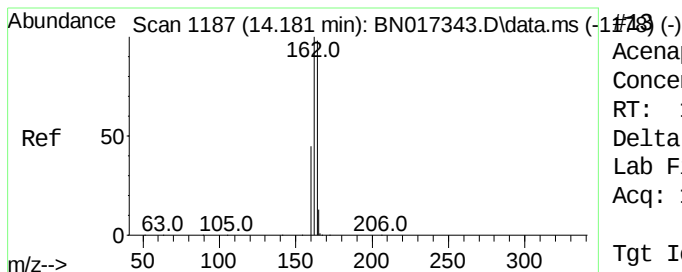
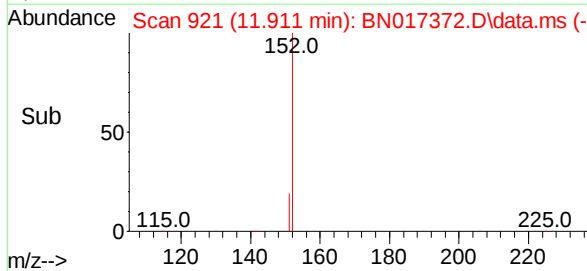
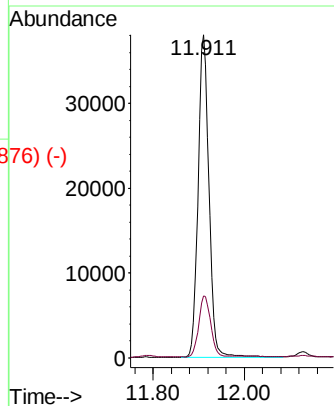
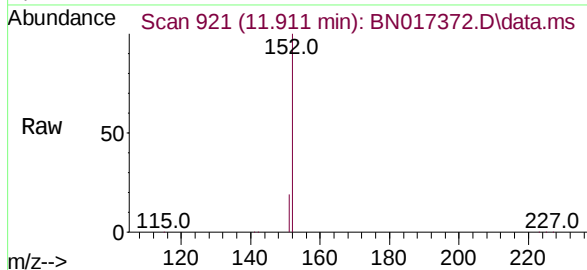




2-Methylnaphthalene-d10
 Concen: 0.326 ng
 RT: 11.911 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: BN017372.D
 Acq: 10 Nov 2021 06:03

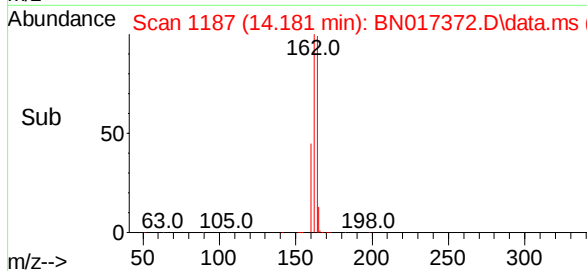
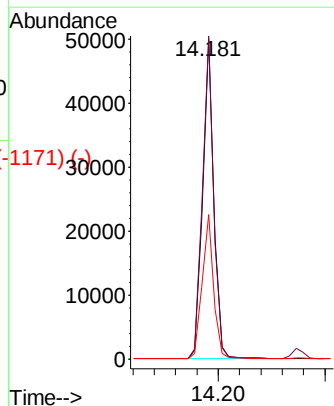
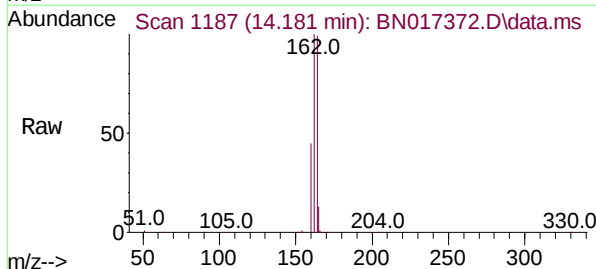
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20211103

Tgt Ion:152 Resp: 62991
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.2 24.4



Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.181 min Scan# 1187
 Delta R.T. -0.000 min
 Lab File: BN017372.D
 Acq: 10 Nov 2021 06:03

Tgt Ion:164 Resp: 71810
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.4 122.2
 160 45.2 36.8 55.2



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

2,4,6-Tribromophenol

Concen: 0.318 ng

RT: 15.678 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BN017372.D

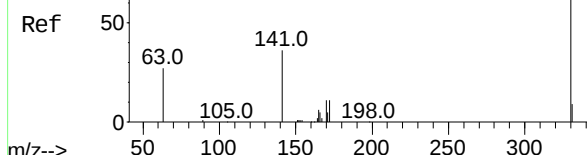
Acq: 10 Nov 2021 06:03

Instrument :

BNA_N

ClientSampleId :

DUP01-20211103



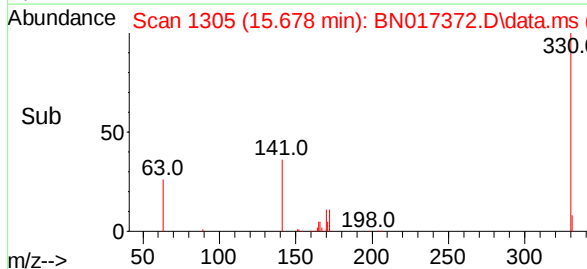
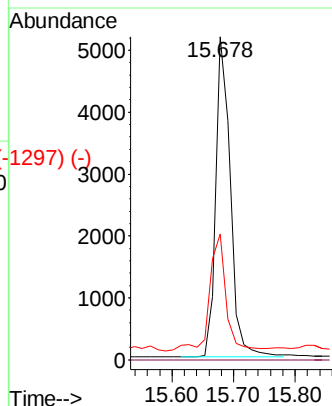
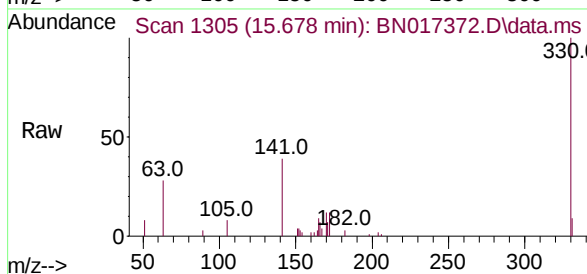
Tgt Ion:330 Resp: 8536

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 39.8 28.9 43.3



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

2-Fluorobiphenyl

Concen: 0.315 ng

RT: 12.798 min Scan# 1078

Delta R.T. -0.000 min

Lab File: BN017372.D

Acq: 10 Nov 2021 06:03

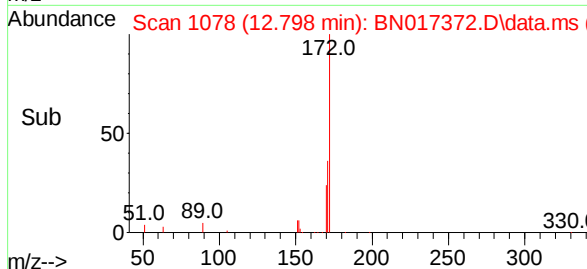
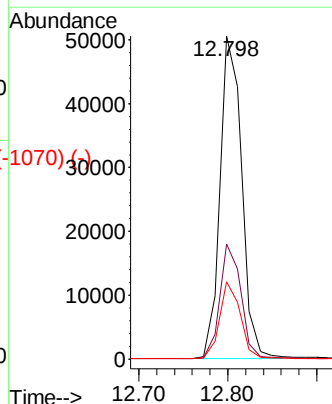
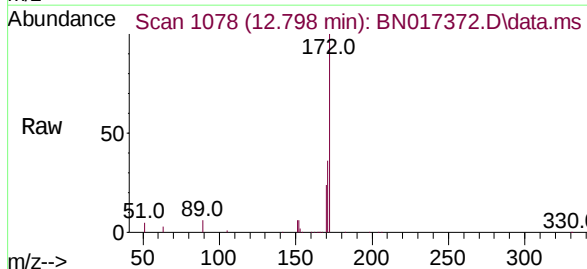
Tgt Ion:172 Resp: 85958

Ion Ratio Lower Upper

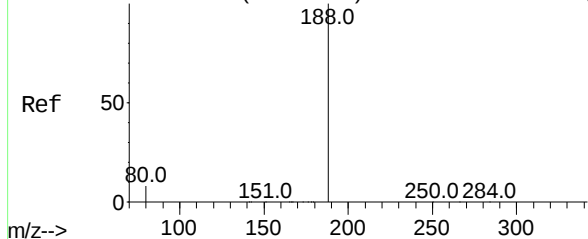
172 100

171 35.7 28.7 43.1

170 23.9 19.4 29.2



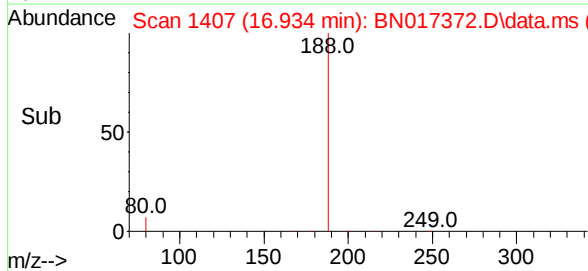
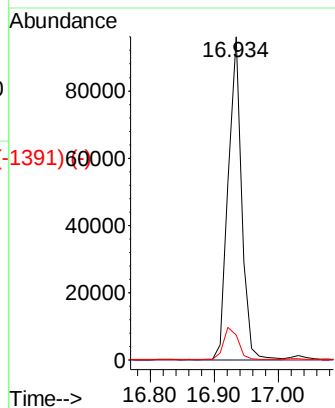
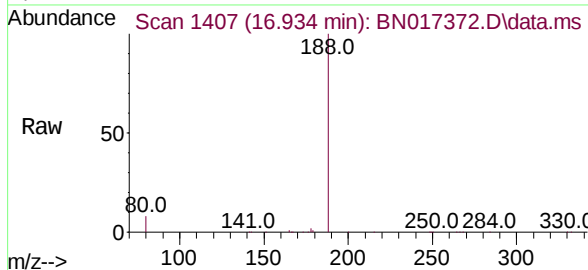
Abundance Scan 1407 (16.934 min): BN017343.D\data.ms (-1407) (-)



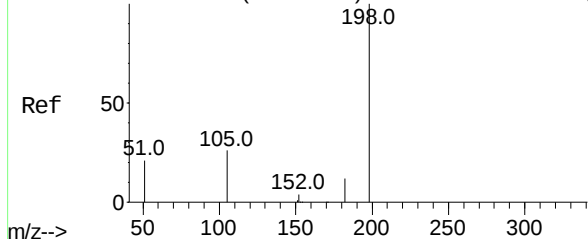
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.934 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN017372.D
Acq: 10 Nov 2021 06:03

Instrument :
BNA_N
ClientSampleId :
DUP01-20211103

Tgt Ion:188 Resp: 137109
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 6.1 9.1

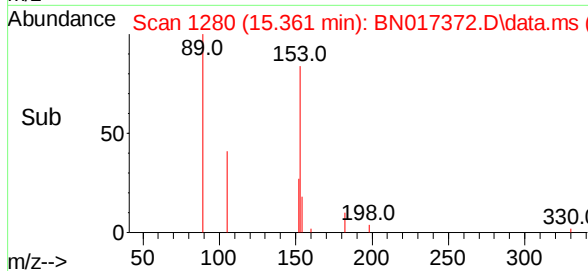
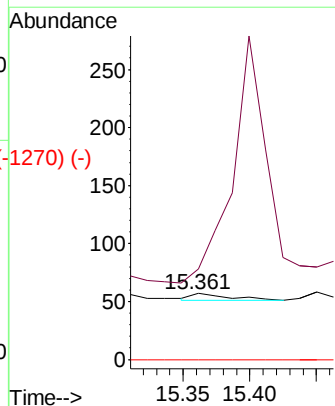
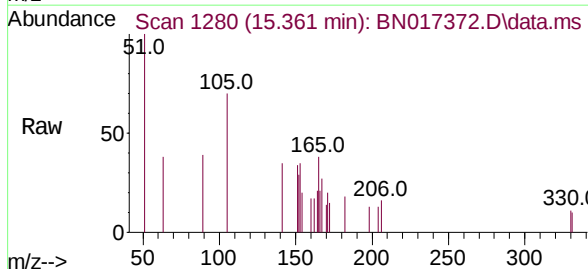


Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1278) (-)



4,6-Dinitro-2-methylphenol
Concen: 0.187 ng
RT: 15.361 min Scan# 1280
Delta R.T. 0.025 min
Lab File: BN017372.D
Acq: 10 Nov 2021 06:03

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
182 136.8 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: BN017372.D

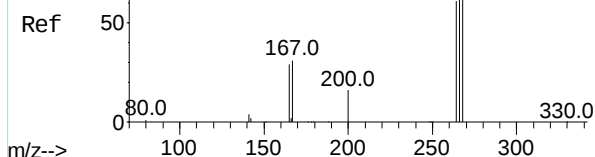
Acq: 10 Nov 2021 06:03

Instrument :

BNA_N

ClientSampleId :

DUP01-20211103



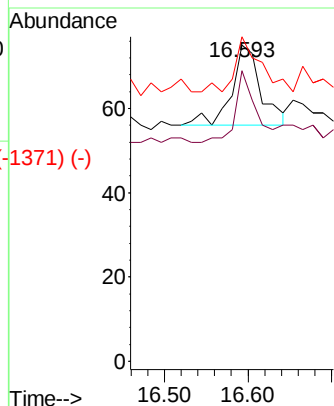
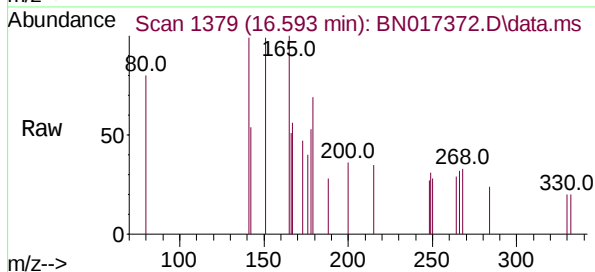
Tgt Ion:266 Resp: 47

Ion Ratio Lower Upper

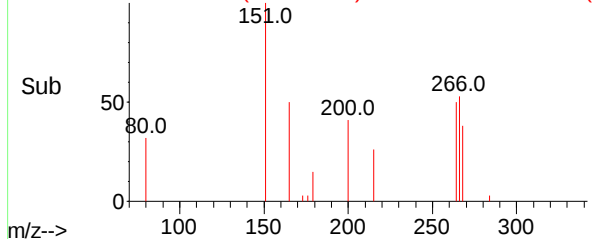
266 100

264 59.6 49.8 74.8

268 59.6 51.3 76.9



Abundance Scan 1379 (16.593 min): BN017372.D\data.ms (-1371) (-)



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

Fluoranthene-d10

Concen: 0.471 ng

RT: 18.975 min Scan# 1689

Delta R.T. -0.000 min

Lab File: BN017372.D

Acq: 10 Nov 2021 06:03

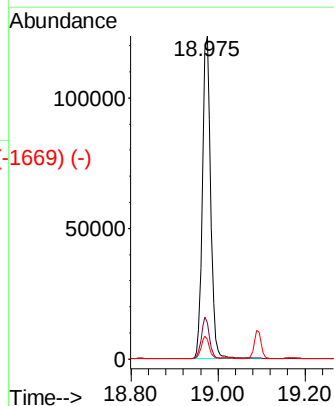
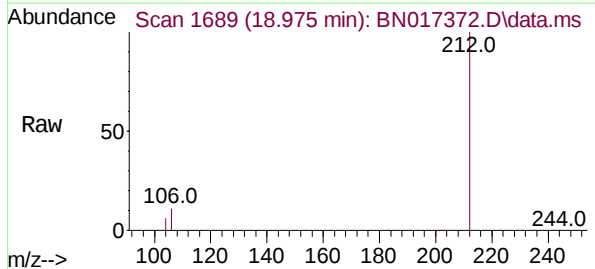
Tgt Ion:212 Resp: 164756

Ion Ratio Lower Upper

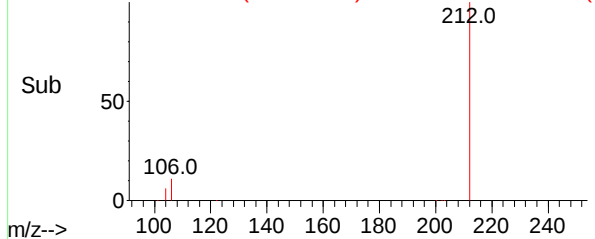
212 100

106 12.5 10.5 15.7

104 6.8 5.8 8.6



Abundance Scan 1689 (18.975 min): BN017372.D\data.ms (-1669) (-)



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

Chrysene-d12

Concen: 0.400 ng

RT: 21.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN017372.D

Acq: 10 Nov 2021 06:03

Instrument :

BNA_N

ClientSampleId :

DUP01-20211103

Tgt Ion:240 Resp: 127410

Ion Ratio Lower Upper

240 100

120 14.3 4.2 6.2#

236 26.8 20.0 30.0

Abundance Scan 2003 (21.133 min): BN017372.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

m/z-->

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Abundance Scan 1813 (19.590 min): BN017343.D\data.ms (-1831) (-)

Terphenyl-d14

Concen: 0.506 ng

RT: 19.586 min Scan# 1812

Delta R.T. -0.005 min

Lab File: BN017372.D

Acq: 10 Nov 2021 06:03

Tgt Ion:244 Resp: 143565

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 12.8 8.6 13.0

Abundance Scan 1812 (19.586 min): BN017372.D\data.ms

Ref 50

Raw 50

Sub 50

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

Bis(2-ethylhexyl)phthalate

Concen: 0.832 ng

RT: 21.080 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BN017372.D

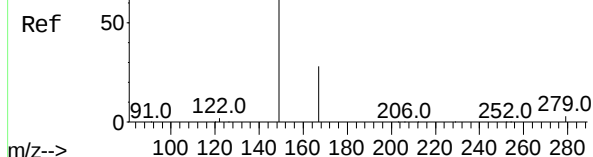
Acq: 10 Nov 2021 06:03

Instrument :

BNA_N

ClientSampleId :

DUP01-20211103



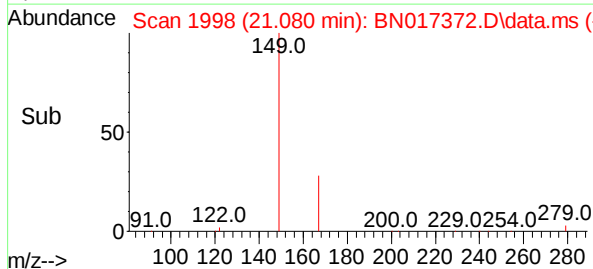
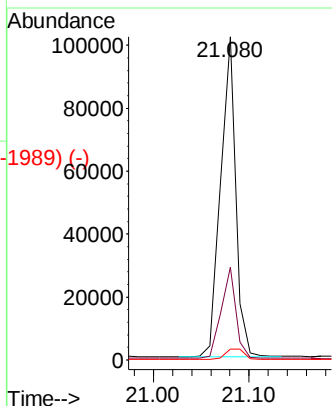
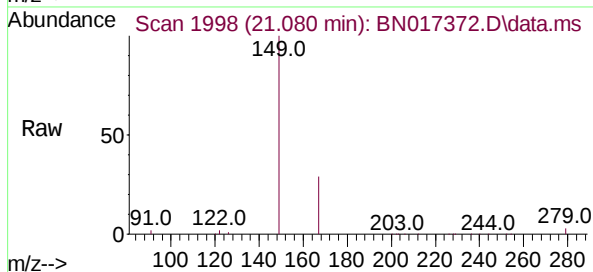
Tgt Ion:149 Resp: 113457

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.6

279 4.1 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: BN017372.D

Acq: 10 Nov 2021 06:03

Tgt Ion:264 Resp: 114894

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 23.1 18.6 28.0

