

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
 Data File : BN017349.D
 Acq On : 09 Nov 2021 14:47
 Operator : CG/JU
 Sample : PB140531BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB140531BL

Quant Time: Nov 09 15:19:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 14:15:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

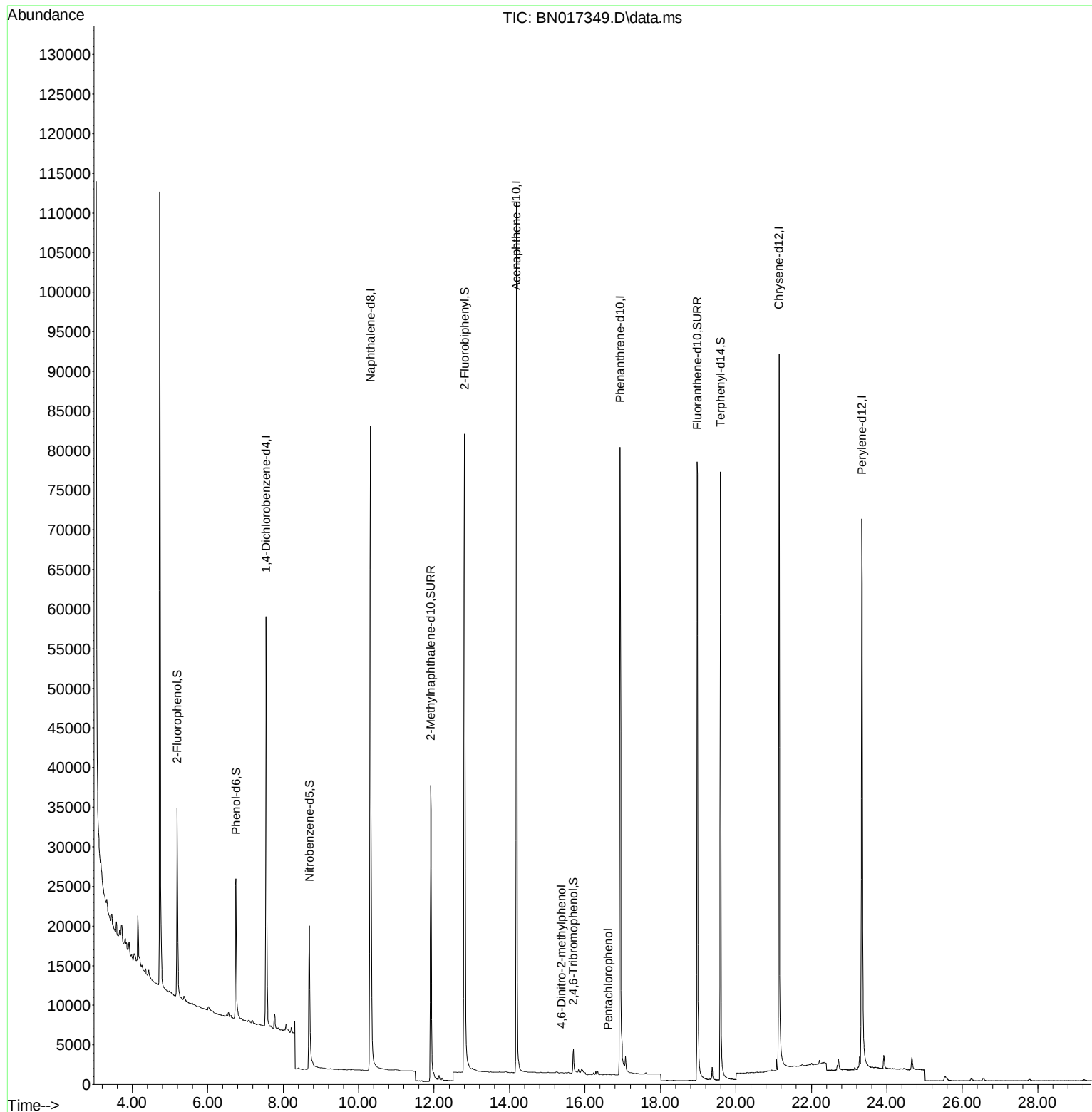
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	27578	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	124104	0.400	ng	# 0.00
13) Acenaphthene-d10	14.181	164	66012	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	118156	0.400	ng	# 0.00
29) Chrysene-d12	21.144	240	96937	0.400	ng	# 0.00
35) Perylene-d12	23.338	264	100097	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	21285	0.335	ng	0.03
5) Phenol-d6	6.749	99	19312	0.276	ng	0.00
8) Nitrobenzene-d5	8.697	82	19911	0.267	ng	0.01
11) 2-Methylnaphthalene-d10	11.915	152	58224	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	3002	0.122	ng	0.01
15) 2-Fluorobiphenyl	12.811	172	81364	0.324	ng	0.01
27) Fluoranthene-d10	18.980	212	102410	0.340	ng	0.00
31) Terphenyl-d14	19.590	244	85056	0.394	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.374	198	8	0.187	ng	# 1
24) Pentachlorophenol	16.617	266	40	0.221	ng	# 78

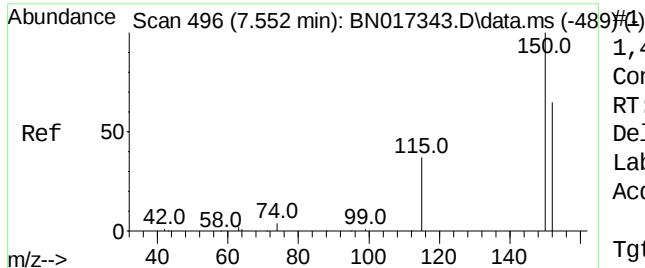
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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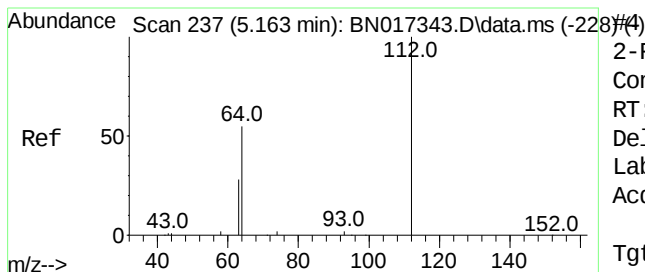
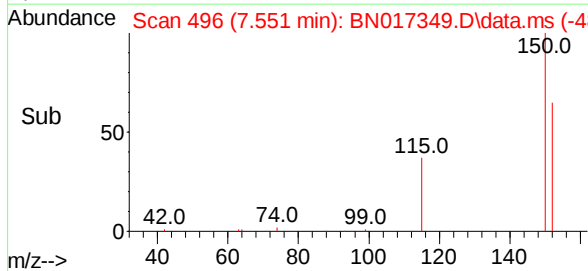
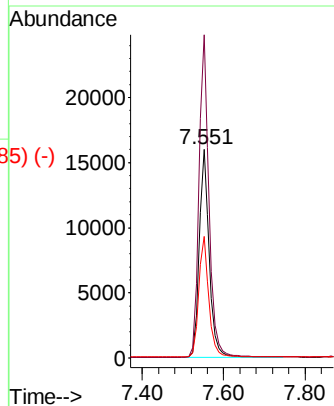
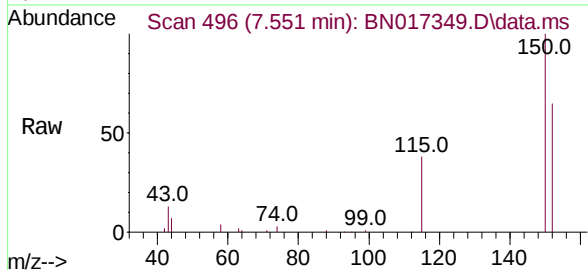




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.551 min Scan# 4
 Delta R.T. -0.001 min
 Lab File: BN017349.D
 Acq: 09 Nov 2021 14:47

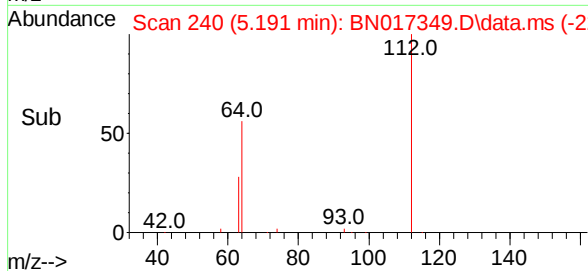
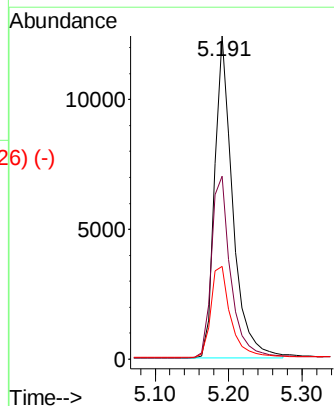
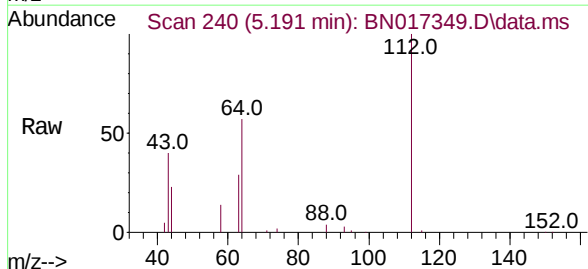
Instrument :
 BNA_N
 ClientSampleId :
 PB140531BL

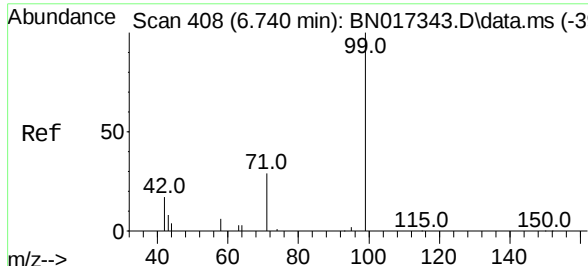
Tgt Ion:152 Resp: 27578
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.0 184.4
 115 58.3 45.6 68.4



2-Fluorophenol
 Concen: 0.335 ng
 RT: 5.191 min Scan# 240
 Delta R.T. 0.027 min
 Lab File: BN017349.D
 Acq: 09 Nov 2021 14:47

Tgt Ion:112 Resp: 21285
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.6 71.4
 63 30.8 24.6 37.0

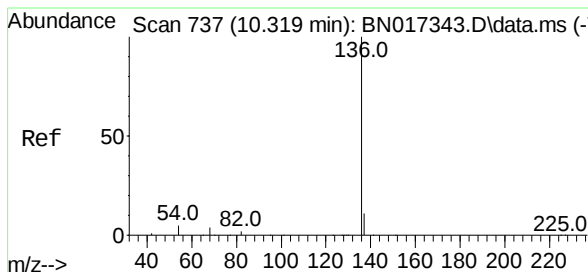
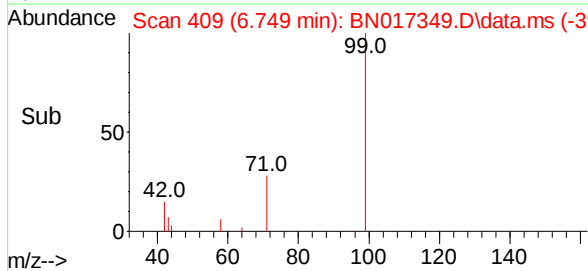
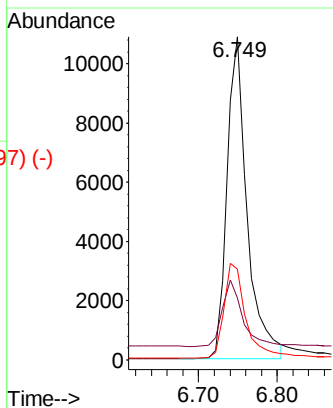
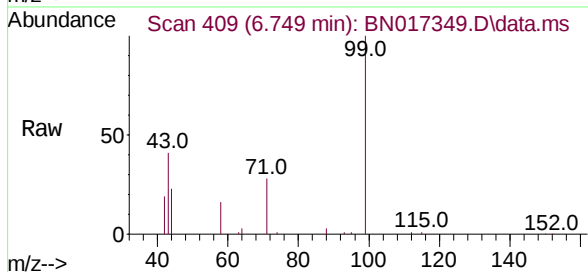




Phenol-d6
 Concen: 0.276 ng
 RT: 6.749 min Scan# 408
 Delta R.T. 0.009 min
 Lab File: BN017349.D
 Acq: 09 Nov 2021 14:47

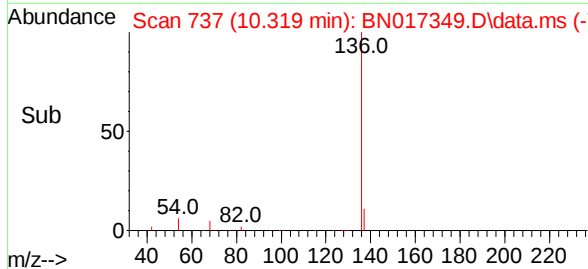
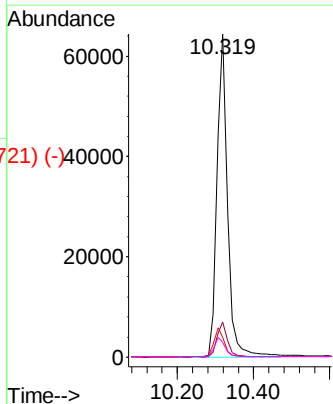
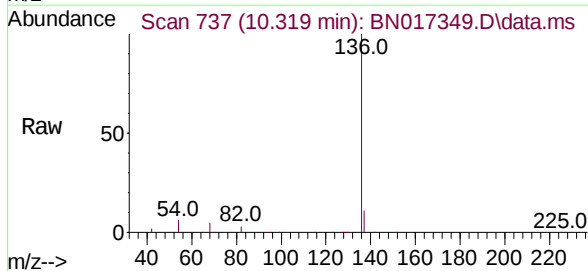
Instrument :
 BNA_N
 ClientSampleId :
 PB140531BL

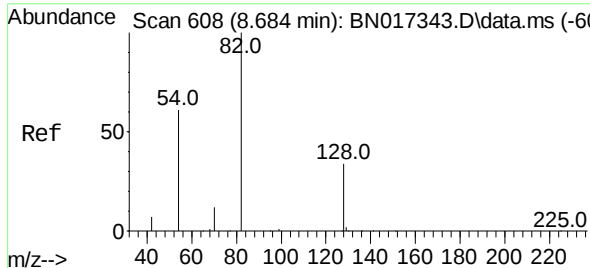
Tgt Ion:	99	Resp:	19312
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.6
71	31.6	24.8	37.2



Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.319 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: BN017349.D
 Acq: 09 Nov 2021 14:47

Tgt Ion:	136	Resp:	124104
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.2	4.0	6.0#
68	4.6	3.0	4.6#





Nitrobenzene-d5

Concen: 0.267 ng

RT: 8.697 min Scan# 609

Delta R.T. 0.012 min

Lab File: BN017349.D

Acq: 09 Nov 2021 14:47

Instrument :

BNA_N

ClientSampleId :

PB140531BL

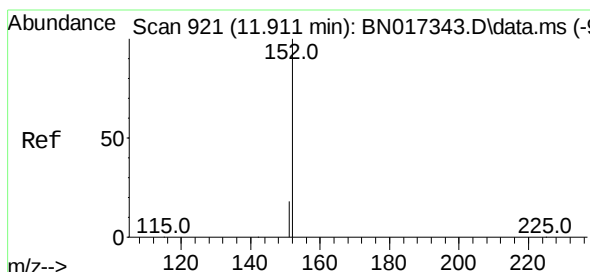
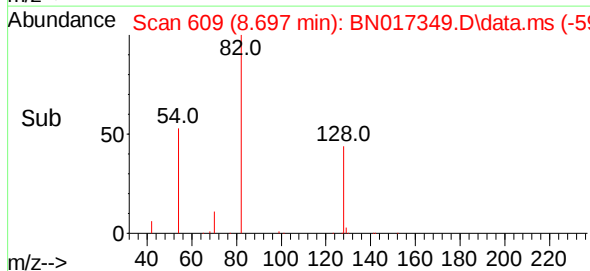
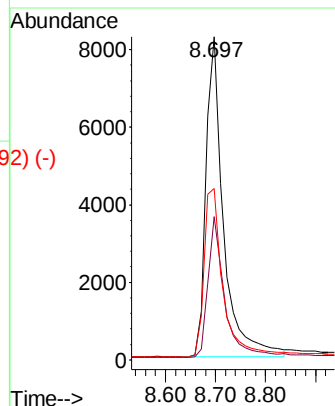
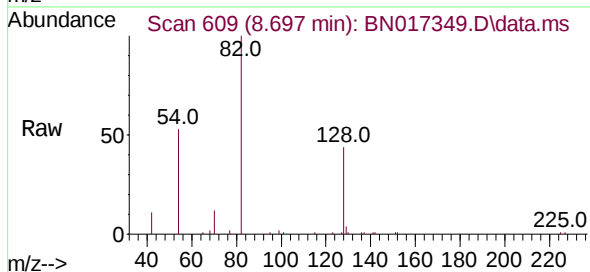
Tgt Ion: 82 Resp: 19911

Ion Ratio Lower Upper

82 100

128 44.3 27.7 41.5#

54 53.0 49.2 73.8



2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 11.915 min Scan# 922

Delta R.T. 0.004 min

Lab File: BN017349.D

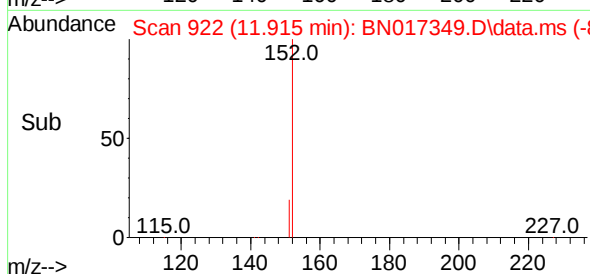
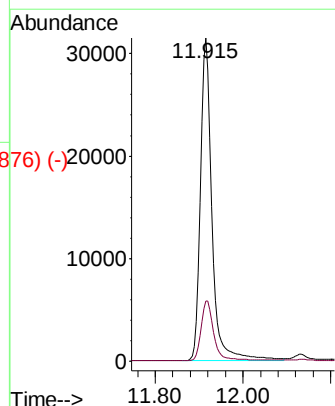
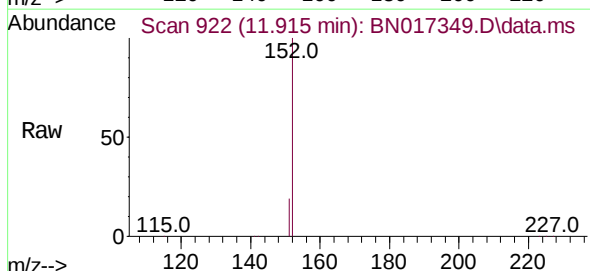
Acq: 09 Nov 2021 14:47

Tgt Ion: 152 Resp: 58224

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4



Abundance Scan 1187 (14.181 min): BN017343.D\data.ms (-1171) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.181 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BN017349.D

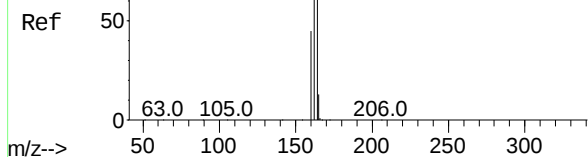
Acq: 09 Nov 2021 14:47

Instrument :

BNA_N

ClientSampleId :

PB140531BL



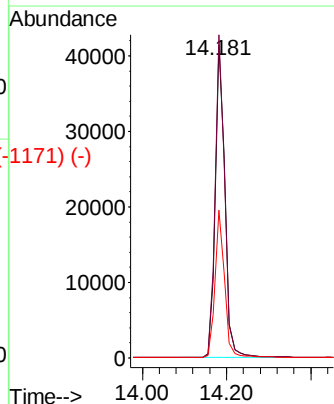
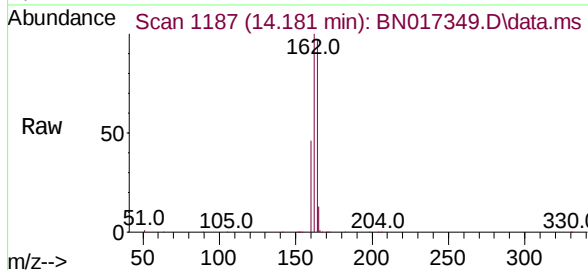
Tgt Ion:164 Resp: 66012

Ion Ratio Lower Upper

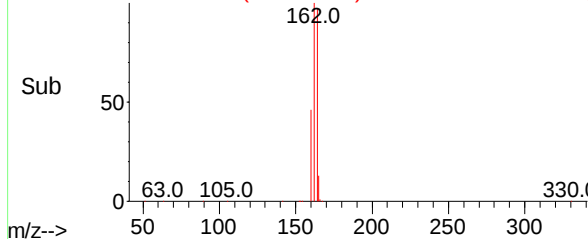
164 100

162 103.3 81.4 122.2

160 47.3 36.8 55.2



Abundance Scan 1187 (14.181 min): BN017349.D\data.ms (-1171) (-)



Abundance Scan 1305 (15.678 min): BN017343.D\data.ms (-1297) (-)

2,4,6-Tribromophenol

Concen: 0.122 ng

RT: 15.691 min Scan# 1306

Delta R.T. 0.012 min

Lab File: BN017349.D

Acq: 09 Nov 2021 14:47

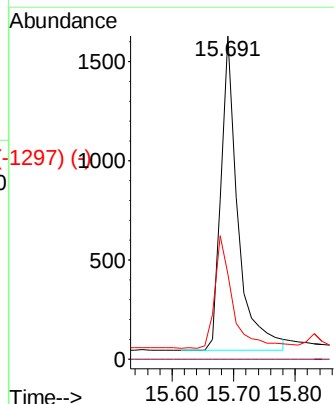
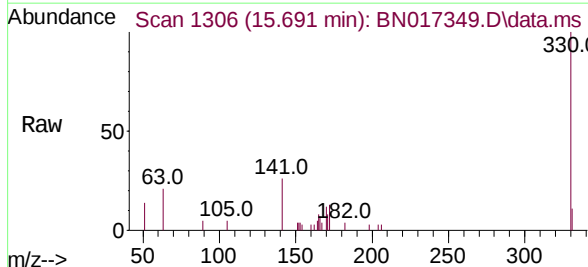
Tgt Ion:330 Resp: 3002

Ion Ratio Lower Upper

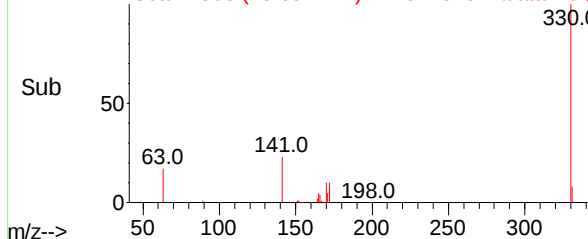
330 100

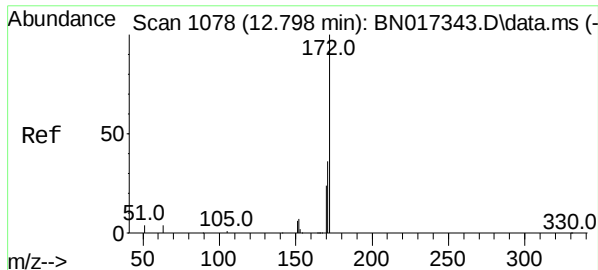
332 0.0 0.0 0.0

141 37.9 28.9 43.3



Abundance Scan 1306 (15.691 min): BN017349.D\data.ms (-1297) (-)

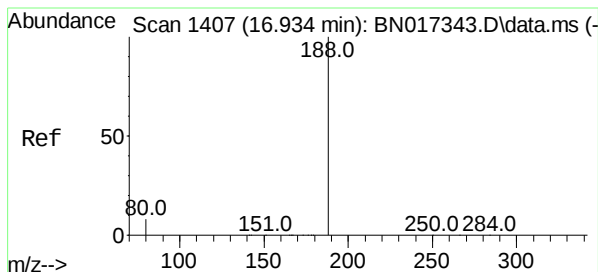
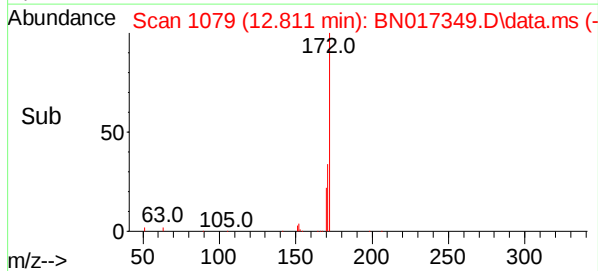
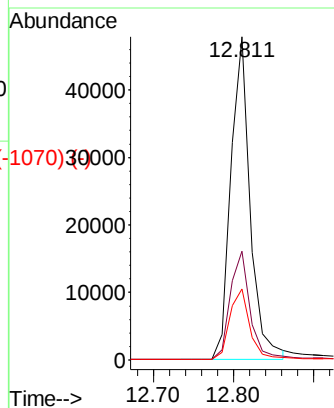
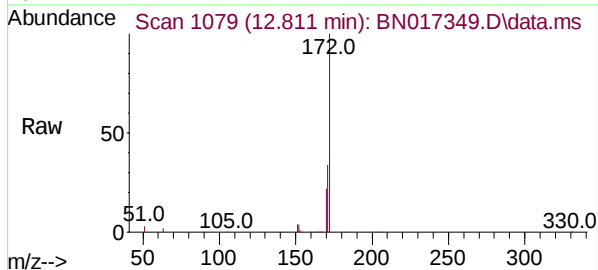




2-Fluorobiphenyl
 Concen: 0.324 ng
 RT: 12.811 min Scan# 1
 Delta R.T. 0.013 min
 Lab File: BN017349.D
 Acq: 09 Nov 2021 14:47

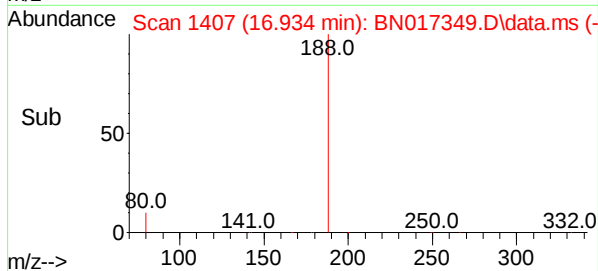
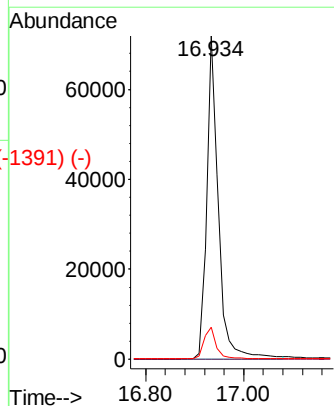
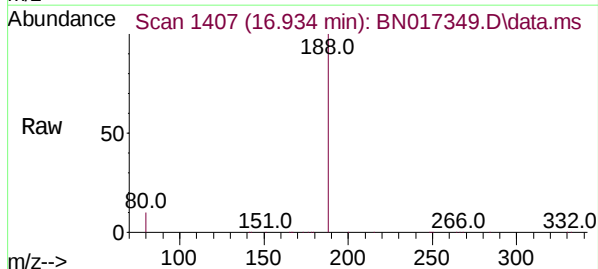
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Tgt Ion:	172	Resp:	81364
Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.7	43.1
170	21.9	19.4	29.2



Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.934 min Scan# 1407
 Delta R.T. -0.000 min
 Lab File: BN017349.D
 Acq: 09 Nov 2021 14:47

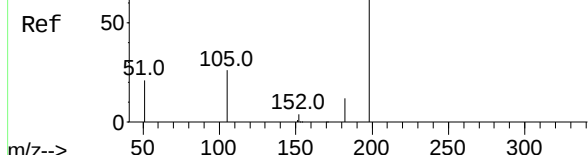
Tgt Ion:	188	Resp:	118156
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	6.1	9.1#



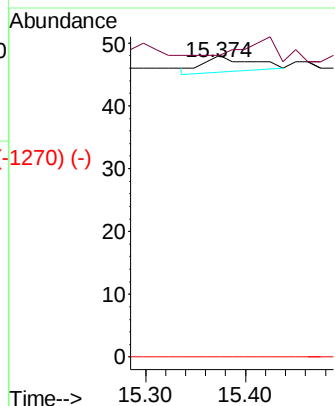
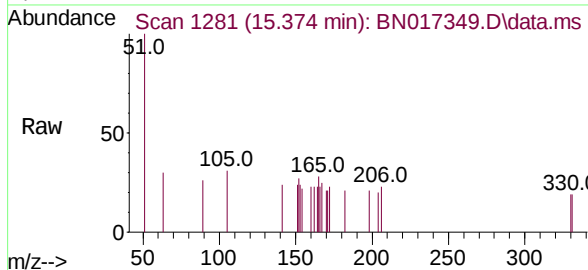
Abundance Scan 1278 (15.336 min): BN017343.D\data.ms (-1270) (-)

4,6-Dinitro-2-methylphenol
Concen: 0.187 ng
RT: 15.374 min Scan# 1281
Delta R.T. 0.038 min
Lab File: BN017349.D
Acq: 09 Nov 2021 14:47

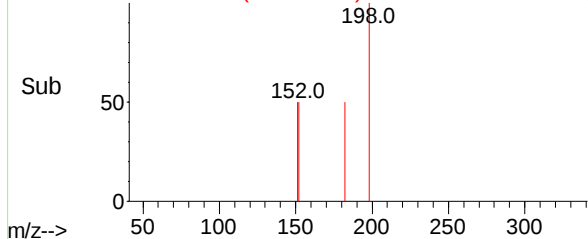
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:	198	Resp:	8
Ion	Ratio	Lower	Upper
198	100		
182	100.0	11.4	17.2#
77	0.0	0.0	0.0

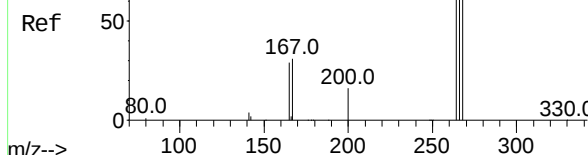


Abundance Scan 1281 (15.374 min): BN017349.D\data.ms (-1270) (-)

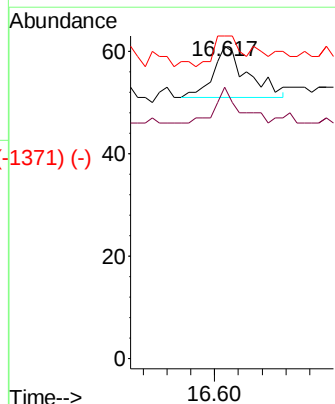
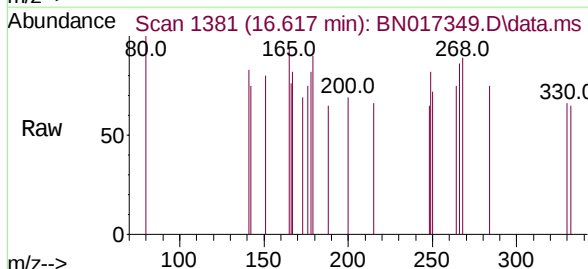


Abundance Scan 1379 (16.593 min): BN017343.D\data.ms (-1374) (-)

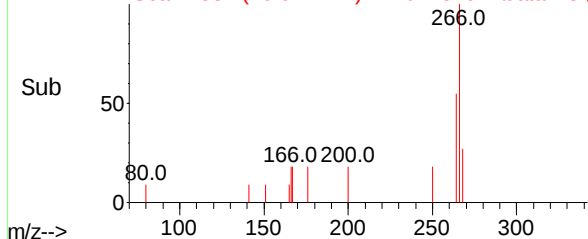
Pentachlorophenol
Concen: 0.221 ng
RT: 16.617 min Scan# 1381
Delta R.T. 0.024 min
Lab File: BN017349.D
Acq: 09 Nov 2021 14:47



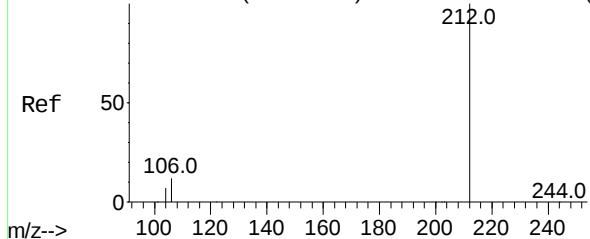
Tgt Ion:	266	Resp:	40
Ion	Ratio	Lower	Upper
266	100		
264	47.5	49.8	74.8#
268	45.0	51.3	76.9#



Abundance Scan 1381 (16.617 min): BN017349.D\data.ms (-1371) (-)



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



Fluoranthene-d10

Concen: 0.340 ng

RT: 18.980 min Scan# 1689

Delta R.T. 0.005 min

Lab File: BN017349.D

Acq: 09 Nov 2021 14:47

Instrument :

BNA_N

ClientSampleId :

PB140531BL

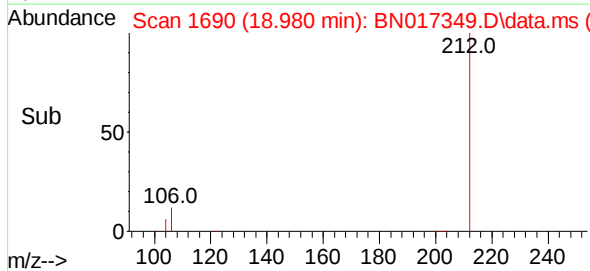
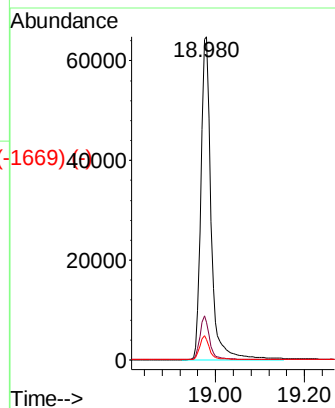
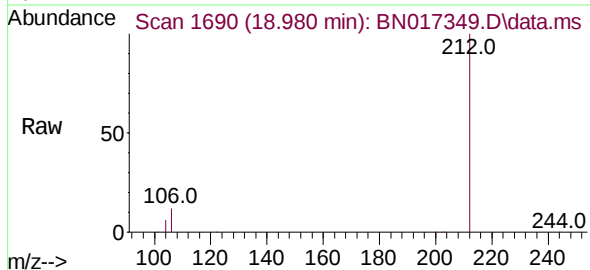
Tgt Ion:212 Resp: 102410

Ion Ratio Lower Upper

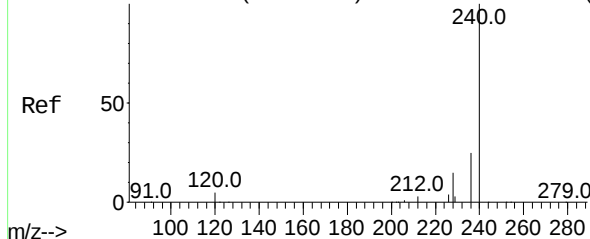
212 100

106 13.0 10.5 15.7

104 7.1 5.8 8.6



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



Chrysene-d12

Concen: 0.400 ng

RT: 21.144 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BN017349.D

Acq: 09 Nov 2021 14:47

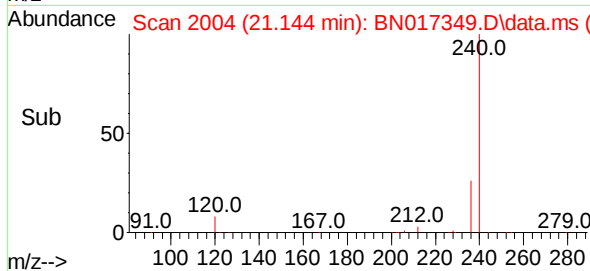
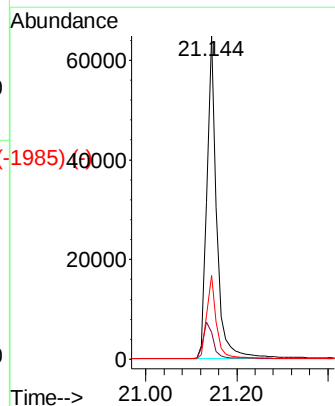
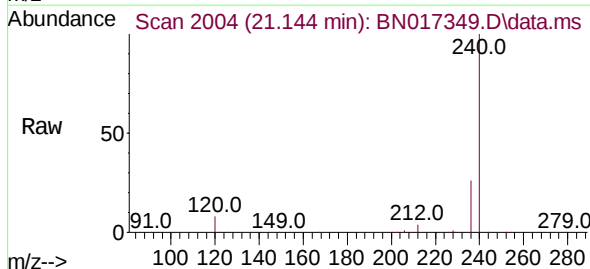
Tgt Ion:240 Resp: 96937

Ion Ratio Lower Upper

240 100

120 8.3 4.2 6.2#

236 25.8 20.0 30.0



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

Terphenyl-d14

Concen: 0.394 ng

RT: 19.590 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BN017349.D

Acq: 09 Nov 2021 14:47

Instrument :

BNA_N

ClientSampleId :

PB140531BL

Tgt Ion:244 Resp: 85056

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 12.2 8.6 13.0

Abundance Scan 1813 (19.590 min): BN017349.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

m/z-->

101.0 122.0 212.0 244.0

m/z-->

101.0 122.0 212.0 244.0

Abundance Scan 1813 (19.590 min): BN017349.D\data.ms (-1783) (-)

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

m/z-->

101.0 122.0 212.0 244.0

m/z-->

101.0 122.0 212.0 244.0

Abundance

60000

40000

20000

0

19.50 19.60 19.70

Time-->

19.50 19.60 19.70

Time-->

19.50 19.60 19.70

Time-->

19.50 19.60 19.70

Time-->

19.50 19.60 19.70

Time-->

19.50 19.60 19.70

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

Perylene-d12

Concen: 0.400 ng

RT: 23.338 min Scan# 2395

Delta R.T. 0.003 min

Lab File: BN017349.D

Acq: 09 Nov 2021 14:47

Tgt Ion:264 Resp: 100097

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 23.0 18.6 28.0

Abundance Scan 2395 (23.338 min): BN017349.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

125.0 264.0

m/z-->

125.0 264.0

m/z-->

125.0 264.0

Abundance Scan 2395 (23.338 min): BN017349.D\data.ms (-2350) (-)

Ref 50

Raw 50

Sub 50

m/z-->

125.0 264.0

m/z-->

125.0 264.0

m/z-->

125.0 264.0

Abundance

40000

30000

20000

10000

0

23.20 23.40

Time-->

23.20 23.40

Time-->

23.20 23.40

Time-->

23.20 23.40

Time-->

23.20 23.40

Time-->

23.20 23.40

Time-->

23.20 23.40

Time-->

23.20 23.40

Time-->

23.20 23.40

Time-->

23.20 23.40

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23.20 23.40

Time-->

23.20 23.40

Time-->