

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029208.D
 Acq On : 28 Dec 2023 11:25
 Operator : MA/JU
 Sample : 05964-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMA2

Quant Time: Dec 28 12:16:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

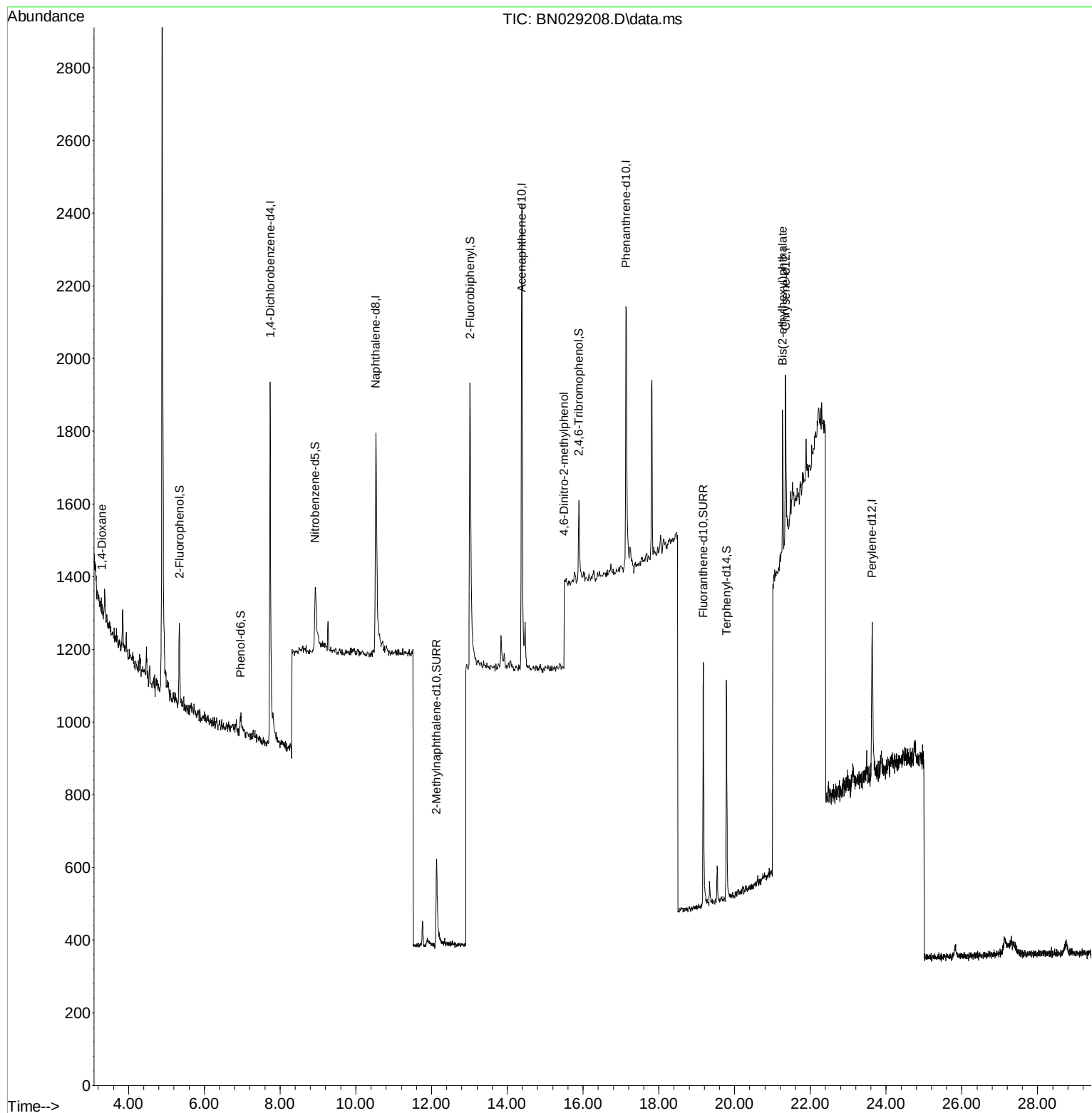
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	632	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	1322	0.400	ng	# 0.01
13) Acenaphthene-d10	14.383	164	903	0.400	ng	0.01
19) Phenanthrene-d10	17.144	188	1495	0.400	ng	0.01
29) Chrysene-d12	21.349	240	516	0.400	ng	0.00
35) Perylene-d12	23.630	264	593	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	176	0.120	ng	0.00
5) Phenol-d6	6.959	99	68	0.041	ng	0.02
8) Nitrobenzene-d5	8.928	82	366	0.221	ng	0.02
11) 2-Methylnaphthalene-d10	12.128	152	508	0.222	ng	0.00
14) 2,4,6-Tribromophenol	15.890	330	169	0.243	ng	0.01
15) 2-Fluorobiphenyl	13.014	172	1071	0.221	ng	0.01
27) Fluoranthene-d10	19.173	212	876	0.288	ng	0.00
31) Terphenyl-d14	19.786	244	555	0.347	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.297	88	25	0.044	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.505	198	7	0.113	ng	# 32
34) Bis(2-ethylhexyl)phtha...	21.268	149	403	0.093	ng	# 78

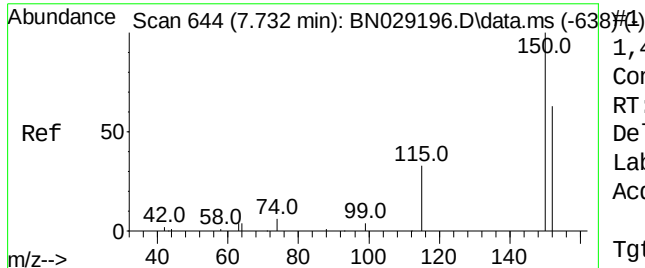
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
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QLast Update : Thu Dec 28 01:20:47 2023
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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.739 min Scan#

Delta R.T. 0.007 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

Instrument :

BNA_N

ClientSampleId :

COMA2

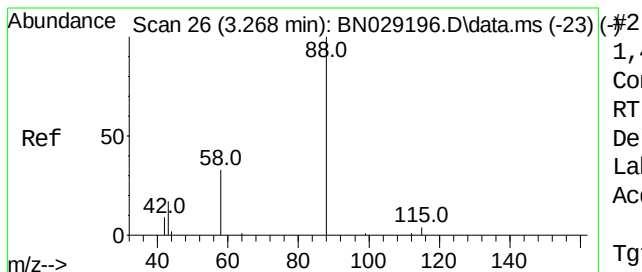
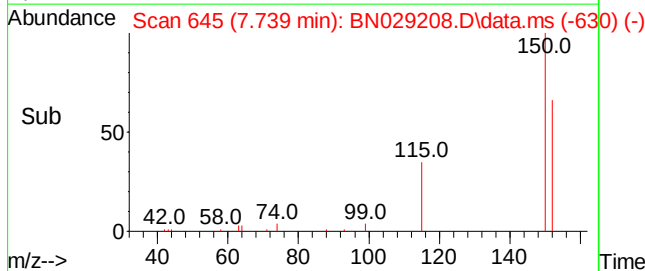
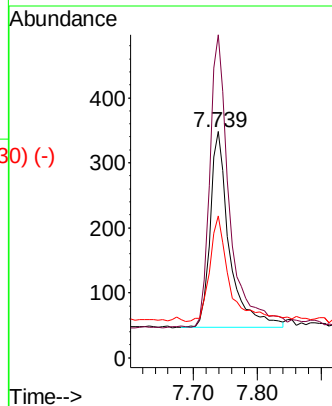
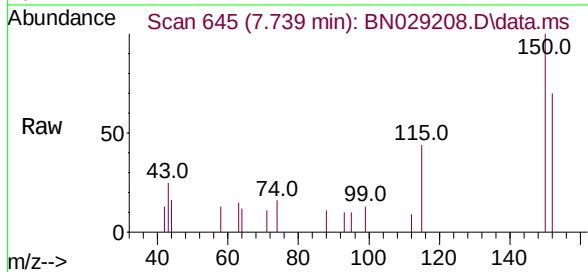
Tgt Ion:152 Resp: 632

Ion Ratio Lower Upper

152 100

150 142.8 122.2 183.2

115 62.6 48.2 72.4



1,4-Dioxane

Concen: 0.044 ng

RT: 3.297 min Scan# 30

Delta R.T. 0.029 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

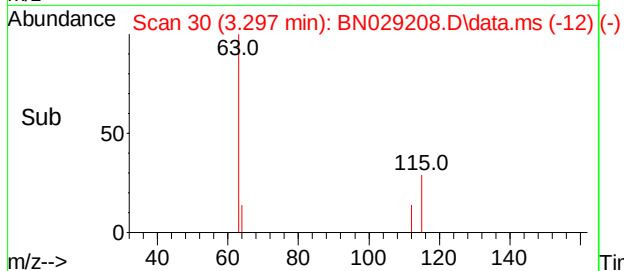
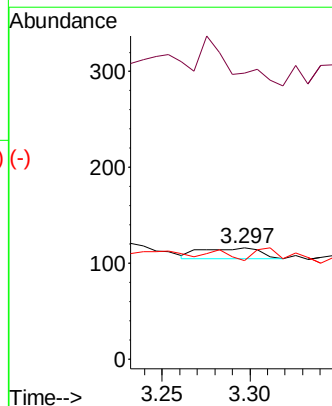
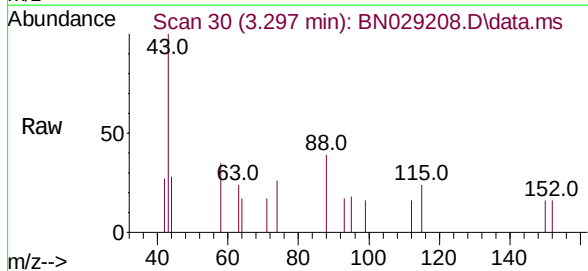
Tgt Ion: 88 Resp: 25

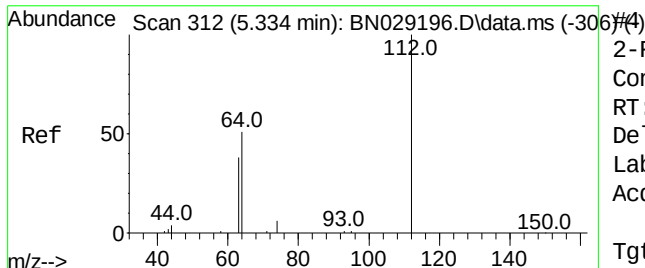
Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.4#

58 44.0 23.1 34.7#





2-Fluorophenol

Concen: 0.120 ng

RT: 5.341 min Scan#

Delta R.T. 0.007 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

Instrument :

BNA_N

ClientSampleId :

COMA2

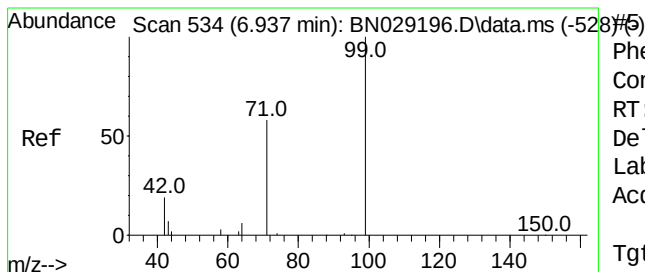
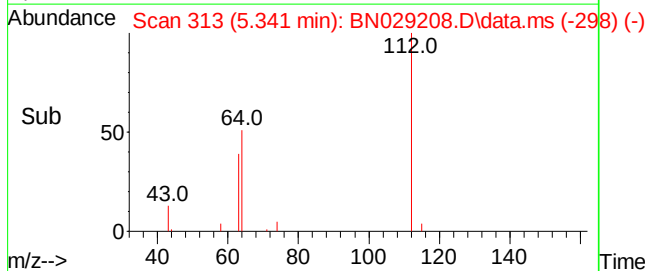
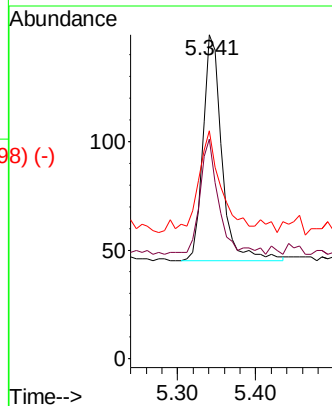
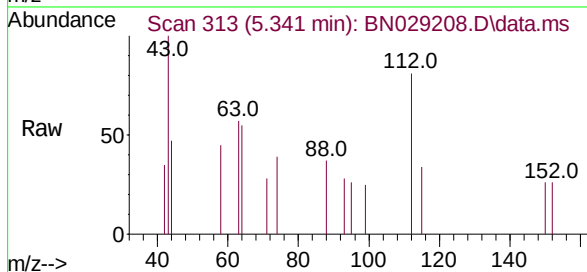
Tgt Ion:112 Resp: 176

Ion Ratio Lower Upper

112 100

64 49.4 38.8 58.2

63 48.3 30.6 45.8#



Phenol-d6

Concen: 0.041 ng

RT: 6.959 min Scan# 537

Delta R.T. 0.022 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

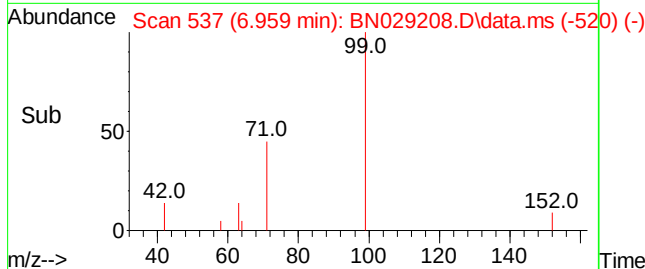
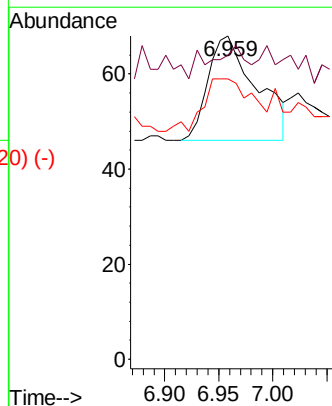
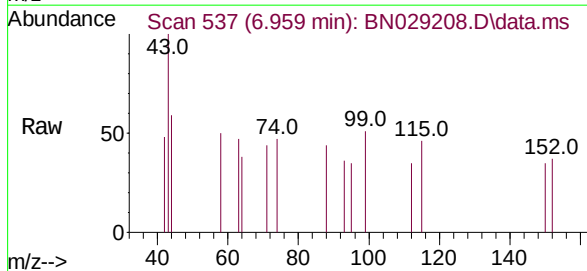
Tgt Ion: 99 Resp: 68

Ion Ratio Lower Upper

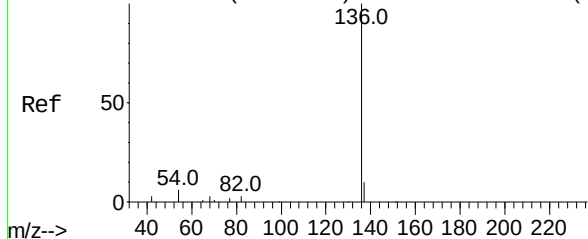
99 100

42 5.9 18.3 27.5#

71 0.0 48.6 73.0#



Abundance Scan 931 (10.519 min): BN029196.D\data.ms (-9257-)



Naphthalene-d8

Concen: 0.400 ng

RT: 10.530 min Scan#

Delta R.T. 0.011 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

Instrument :

BNA_N

ClientSampleId :

COMA2

Tgt Ion:136 Resp: 1322

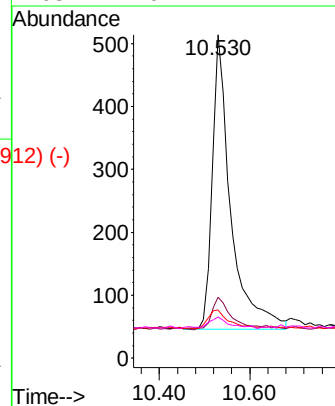
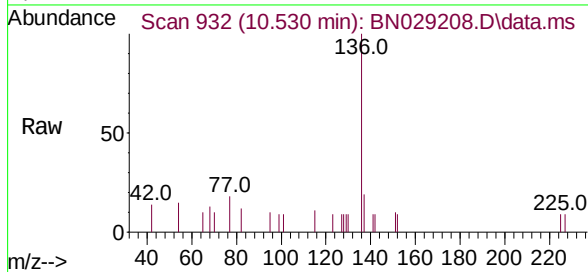
Ion Ratio Lower Upper

136 100

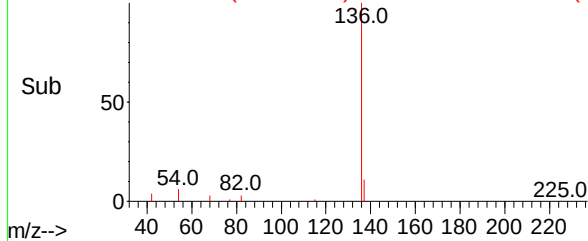
137 18.9 13.0 19.4

54 15.0 9.8 14.6#

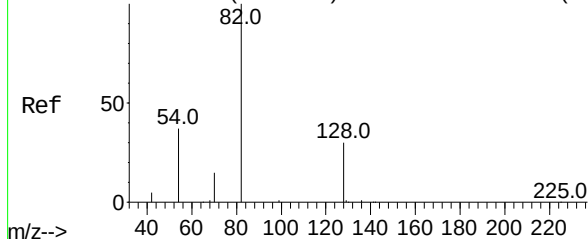
68 12.6 7.4 11.2#



Abundance Scan 932 (10.530 min): BN029208.D\data.ms (-912-)



Abundance Scan 780 (8.907 min): BN029196.D\data.ms (-7767-)



Nitrobenzene-d5

Concen: 0.221 ng

RT: 8.928 min Scan# 782

Delta R.T. 0.021 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

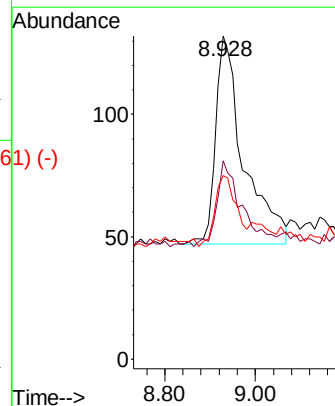
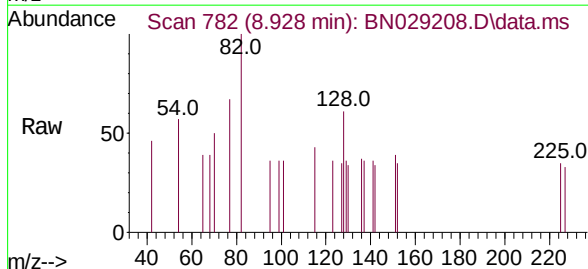
Tgt Ion: 82 Resp: 366

Ion Ratio Lower Upper

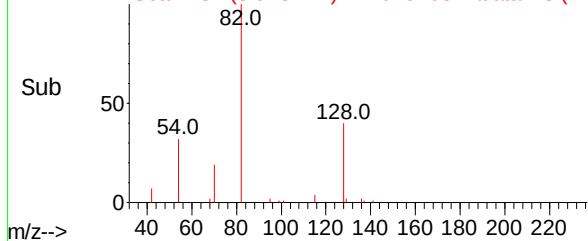
82 100

128 61.4 34.2 51.2#

54 56.8 38.8 58.2



Abundance Scan 782 (8.928 min): BN029208.D\data.ms (-761-)



Abundance Scan 1185 (12.121 min): BN029196.D\data.ms (-1185) (-)

2-Methylnaphthalene-d10

Concen: 0.222 ng

RT: 12.128 min Scan# 1185

Delta R.T. 0.007 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

Instrument :

BNA_N

ClientSampleId :

COMA2

Tgt Ion:152 Resp: 508

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

Abundance Scan 1187 (12.128 min): BN029208.D\data.ms

Ref

152.0

115.0

223.0

Raw

50

0

m/z-->

120 140 160 180 200 220

Abundance Scan 1187 (12.128 min): BN029208.D\data.ms (-1132) (-)

Sub

152.0

223.0

50

0

m/z-->

120 140 160 180 200 220

Abundance

12.128

200

150

100

50

0

Time-->

12.10 12.20

Abundance Scan 1530 (14.372 min): BN029196.D\data.ms (-1523) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.383 min Scan# 1531

Delta R.T. 0.011 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

Tgt Ion:164 Resp: 903

Ion Ratio Lower Upper

164 100

162 109.8 91.8 137.8

160 60.2 49.4 74.2

Abundance Scan 1531 (14.383 min): BN029208.D\data.ms

Ref

162.0

51.0

105.0

206.0

330.0

Raw

50

0

m/z-->

50 100 150 200 250 300

Abundance Scan 1531 (14.383 min): BN029208.D\data.ms (-1511) (-)

Sub

162.0

63.0

105.0

206.0

50

0

m/z-->

50 100 150 200 250 300

Abundance

14.383

500

400

300

200

100

0

Time-->

14.40

Abundance Scan 1666 (15.878 min): BN029196.D\data.ms (-1661) (-)

2,4,6-Tribromophenol

Concen: 0.243 ng

RT: 15.890 min Scan# 1661

Delta R.T. 0.012 min

Lab File: BN029208.D

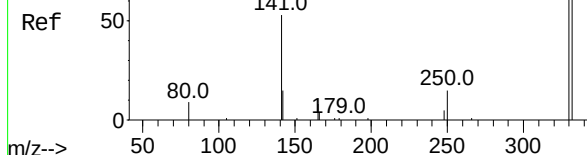
Acq: 28 Dec 2023 11:25

Instrument :

BNA_N

ClientSampleId :

COMA2



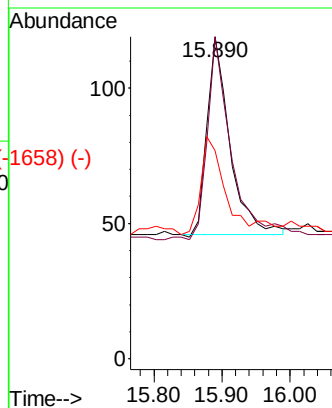
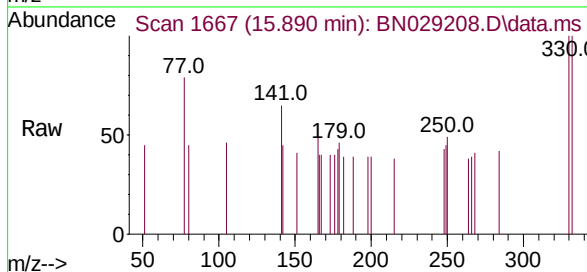
Tgt Ion:330 Resp: 169

Ion Ratio Lower Upper

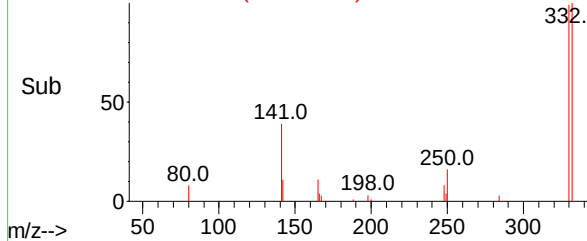
330 100

332 109.5 74.4 111.6

141 56.2 46.7 70.1



Abundance Scan 1667 (15.890 min): BN029208.D\data.ms (-1658) (-)



Abundance Scan 1402 (13.004 min): BN029196.D\data.ms (-1395) (-)

2-Fluorobiphenyl

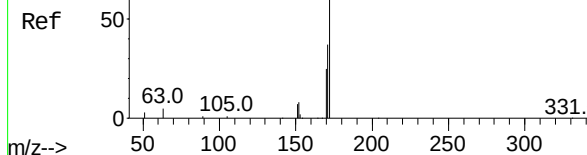
Concen: 0.221 ng

RT: 13.014 min Scan# 1403

Delta R.T. 0.011 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25



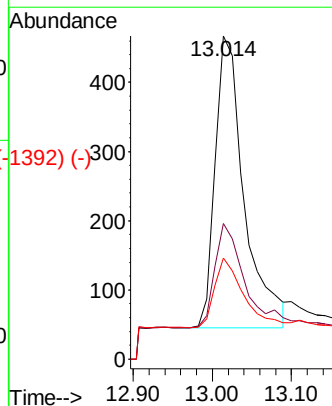
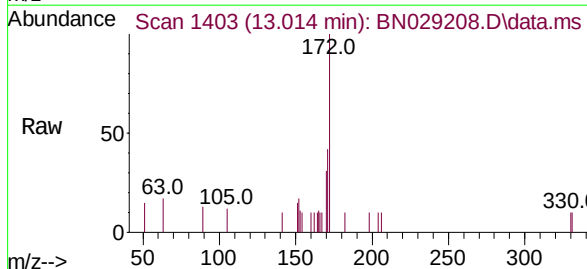
Tgt Ion:172 Resp: 1071

Ion Ratio Lower Upper

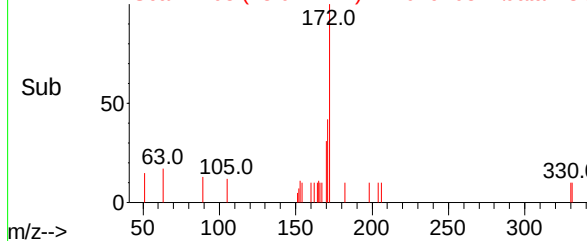
172 100

171 42.0 32.8 49.2

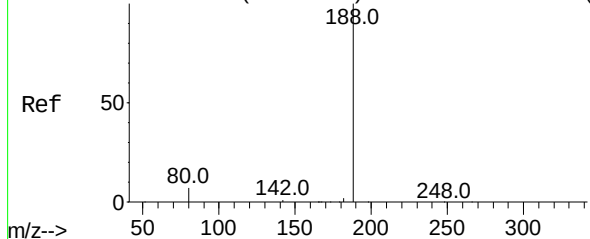
170 31.3 24.0 36.0



Abundance Scan 1403 (13.014 min): BN029208.D\data.ms (-1392) (-)



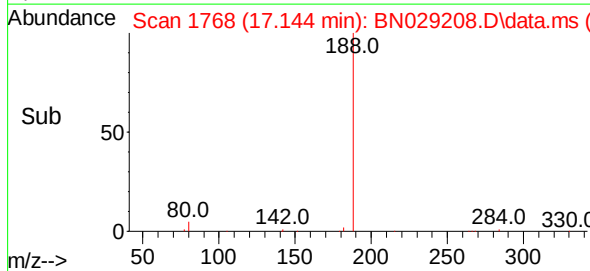
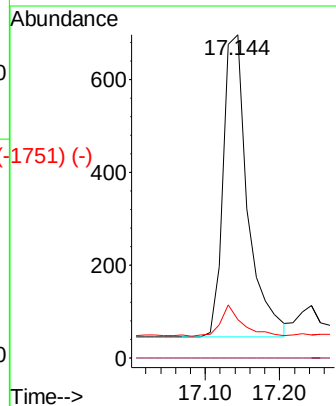
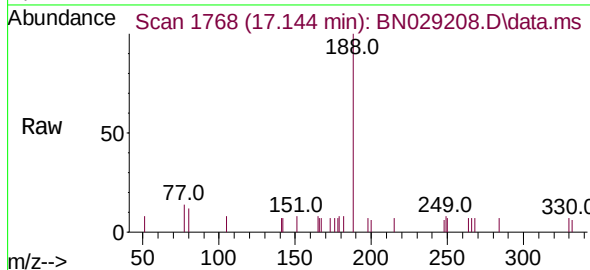
Abundance Scan 1767 (17.131 min): BN029196.D\data.ms (-1767) (-)



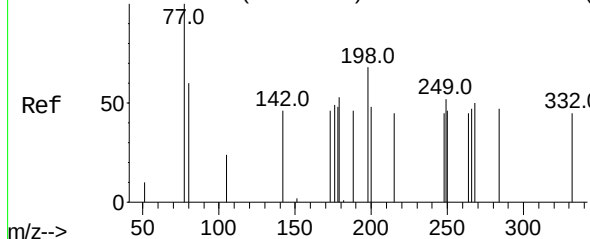
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.144 min Scan# 1767
Delta R.T. 0.012 min
Lab File: BN029208.D
Acq: 28 Dec 2023 11:25

Instrument :
BNA_N
ClientSampleId :
COMA2

Tgt Ion:188 Resp: 1495
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 8.8 13.2

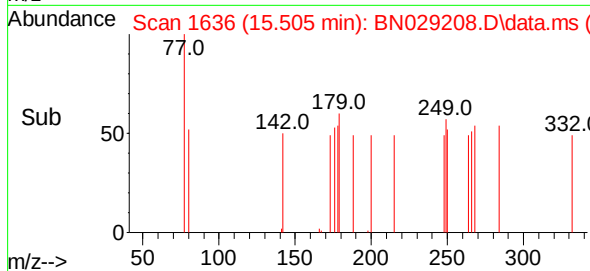
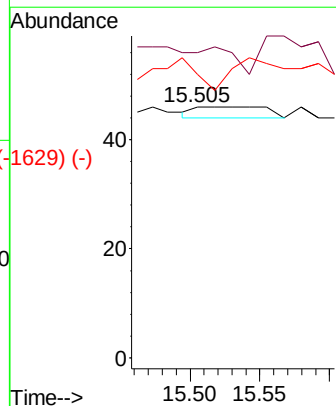
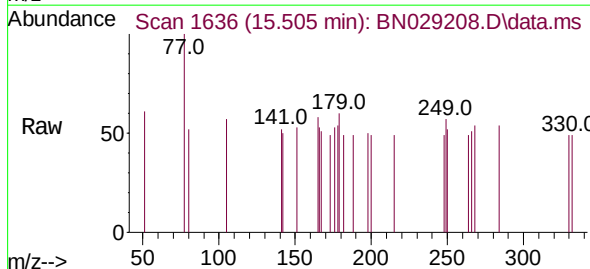


Abundance Scan 1638 (15.530 min): BN029196.D\data.ms (-1638) (-)

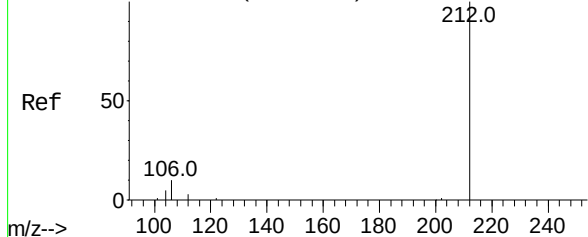


4,6-Dinitro-2-methylphenol
Concen: 0.113 ng
RT: 15.505 min Scan# 1636
Delta R.T. -0.025 min
Lab File: BN029208.D
Acq: 28 Dec 2023 11:25

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 121.7 47.4 71.2#
105 113.0 54.5 81.7#



Abundance Scan 2021 (19.173 min): BN029196.D\data.ms (-2000) (-)



Fluoranthene-d10

Concen: 0.288 ng

RT: 19.173 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

Instrument :

BNA_N

ClientSampleId :

COMA2

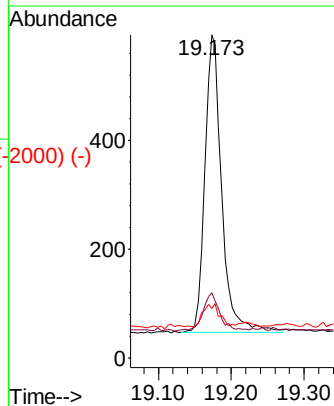
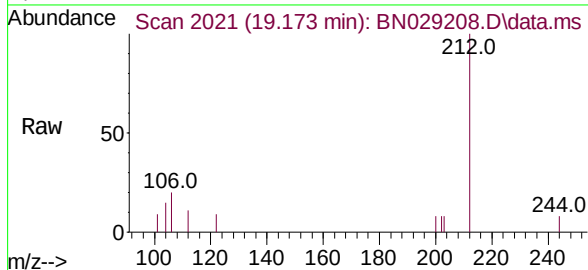
Tgt Ion:212 Resp: 876

Ion Ratio Lower Upper

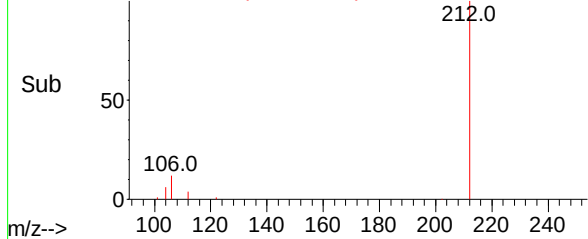
212 100

106 13.2 9.7 14.5

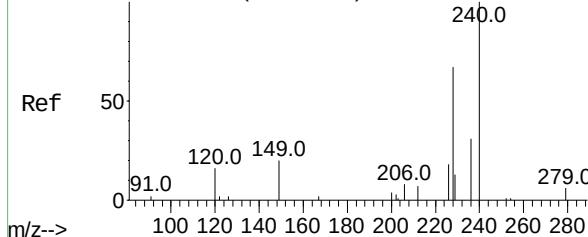
104 8.4 6.3 9.5



Abundance Scan 2021 (19.173 min): BN029208.D\data.ms (-2000) (-)



Abundance Scan 2453 (21.349 min): BN029196.D\data.ms (-2000) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.349 min Scan# 2454

Delta R.T. 0.009 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

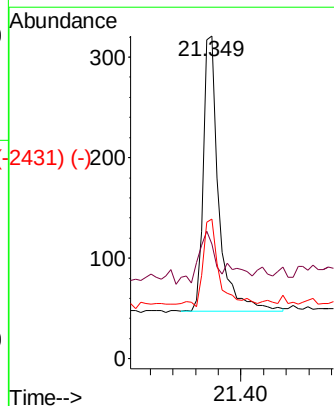
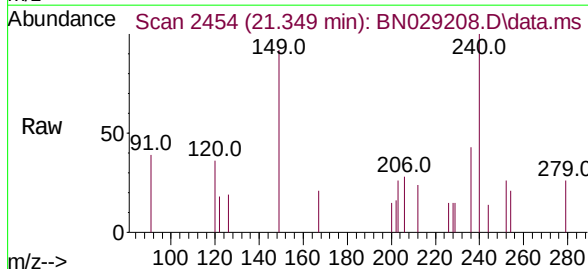
Tgt Ion:240 Resp: 516

Ion Ratio Lower Upper

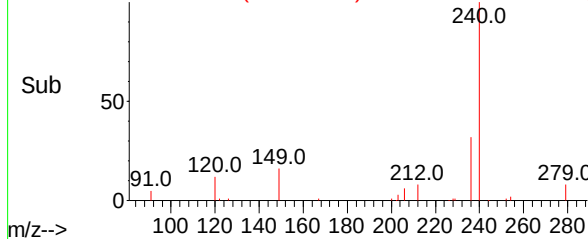
240 100

120 35.5 24.6 36.8

236 43.3 32.0 48.0



Abundance Scan 2454 (21.349 min): BN029208.D\data.ms (-2431) (-)



Abundance Scan 2153 (19.787 min): BN029196.D\data.ms (-2153) (-)

Terphenyl-d14

Concen: 0.347 ng

RT: 19.786 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

Instrument :

BNA_N

ClientSampleId :

COMA2

Tgt Ion:244 Resp: 555

Ion Ratio Lower Upper

244 100

212 25.3 20.1 30.1

122 34.4 23.9 35.9

Abundance Scan 2153 (19.786 min): BN029208.D\data.ms

Ref

101.0 122.0 212.0 244.0

m/z-->

Raw

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 2153 (19.786 min): BN029208.D\data.ms (-2121) (-)

Sub

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.786

400

300

200

100

0

Time-->

Abundance Scan 2445 (21.268 min): BN029196.D\data.ms (-2434) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.268 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BN029208.D

Acq: 28 Dec 2023 11:25

Tgt Ion:149 Resp: 403

Ion Ratio Lower Upper

149 100

167 37.5 20.7 31.1#

279 7.2 2.4 3.6#

Abundance Scan 2445 (21.268 min): BN029208.D\data.ms

Ref

91.0 120.0 149.0 203.0 252.0 279.0

m/z-->

Raw

91.0 120.0 149.0 203.0 252.0 279.0

m/z-->

Abundance Scan 2445 (21.268 min): BN029208.D\data.ms (-2434) (-)

Sub

91.0 120.0 149.0 203.0 252.0 279.0

m/z-->

Abundance

21.268

500

400

300

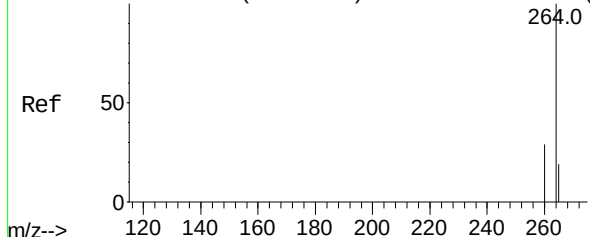
200

100

0

Time-->

Abundance Scan 2990 (23.628 min): BN029196.D\data.ms (-2939) (-)



Perylene-d12

Concen: 0.400 ng

RT: 23.630 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN029208.D

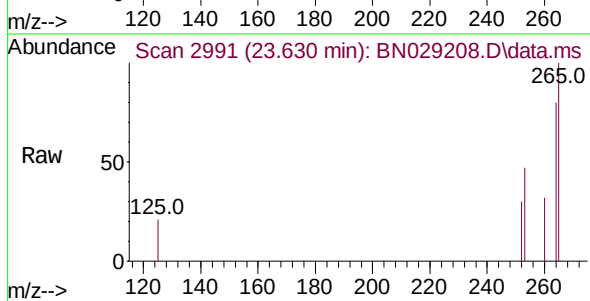
Acq: 28 Dec 2023 11:25

Instrument :

BNA_N

ClientSampleId :

C0MA2



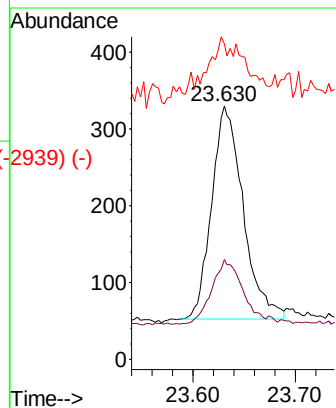
Tgt Ion:264 Resp: 593

Ion Ratio Lower Upper

264 100

260 39.4 30.2 45.4

265 124.5 88.1 132.1



Abundance Scan 2991 (23.630 min): BN029208.D\data.ms (-2939) (-)

