

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028275.D
 Acq On : 13 Oct 2023 11:09
 Operator : MA/JU
 Sample : 04346-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Oct 13 11:38:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 13 02:17:11 2023
 Response via : Initial Calibration

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

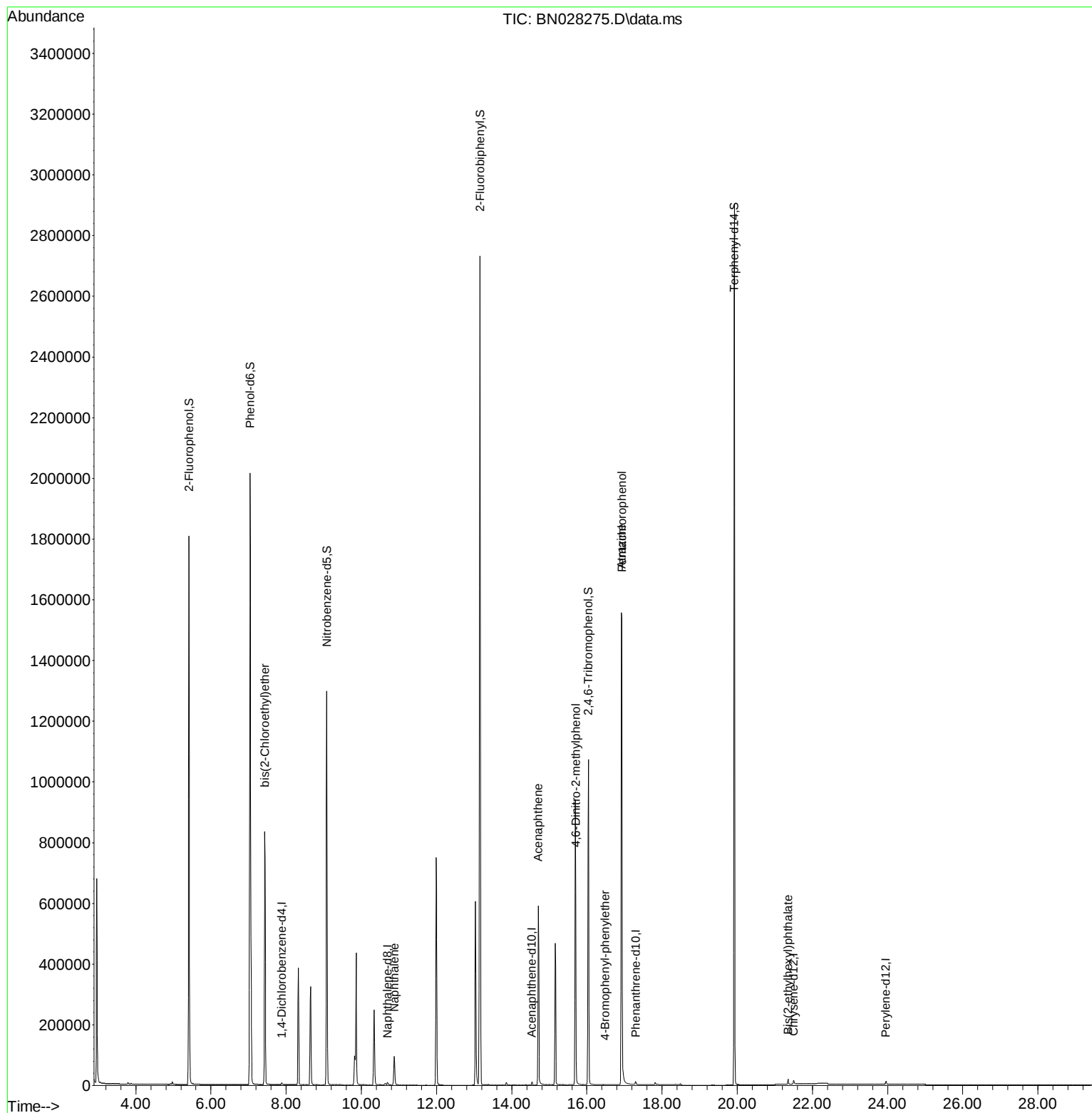
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	3158	0.400	ng	0.00
7) Naphthalene-d8	10.693	136	10914	0.400	ng	#-0.02
13) Acenaphthene-d10	14.534	164	6529	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	14310	0.400	ng	#-0.01
29) Chrysene-d12	21.498	240	13283	0.400	ng	0.00
35) Perylene-d12	23.955	264	14930	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.416	112	1430085	145.825	ng	0.00
5) Phenol-d6	7.041	99	1954605	161.891	ng	-0.01
8) Nitrobenzene-d5	9.080	82	988713	102.127	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	6	0.000	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	599013	188.115	ng	-0.01
15) 2-Fluorobiphenyl	13.155	172	2250203	97.946	ng	-0.01
27) Fluoranthene-d10	19.328	212	458	0.012	ng	0.00
31) Terphenyl-d14	19.923	244	2875668	101.981	ng	0.00
Target Compounds						
						Qvalue
6) bis(2-Chloroethyl)ether	7.431	93	33232	3.569	ng	# 1
9) Naphthalene	10.874	128	35749	1.263	ng	# 79
17) Acenaphthene	14.705	154	356353	19.276	ng	# 5
20) 4,6-Dinitro-2-methylph...	15.705	198	656581	43.099	ng	# 16
21) 4-Bromophenyl-phenylether	16.487	248	152	0.021	ng	# 57
23) Atrazine	16.922	200	163009	23.590	ng	# 36
24) Pentachlorophenol	16.934	266	811374	234.207	ng	95
34) Bis(2-ethylhexyl)phtha...	21.354	149	15344	0.426	ng	# 98

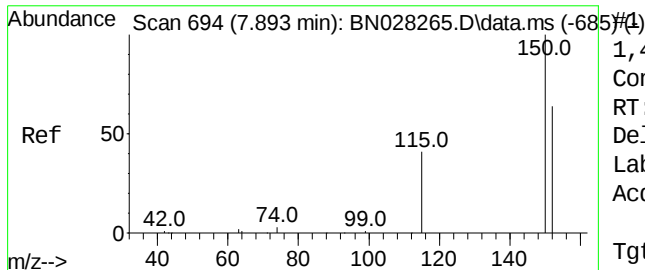
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.886 min Scan#

Delta R.T. -0.007 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

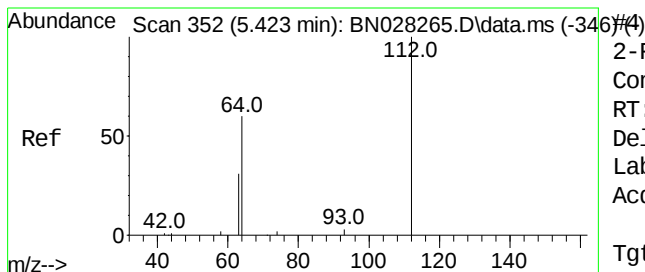
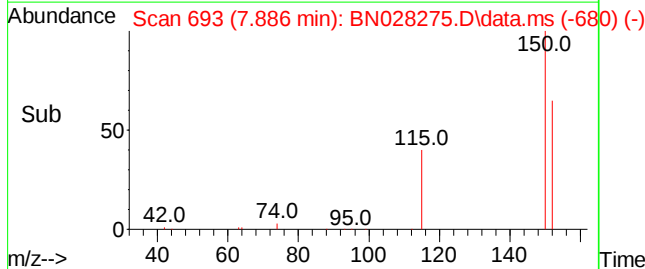
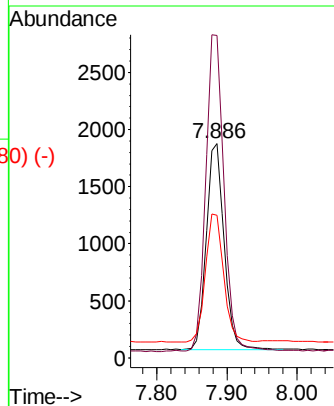
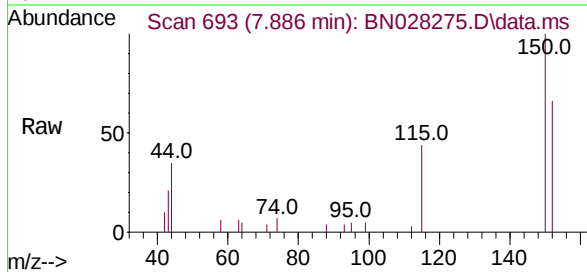
Tgt Ion:152 Resp: 3158

Ion Ratio Lower Upper

152 100

150 150.5 121.6 182.4

115 66.5 54.3 81.5



2-Fluorophenol

Concen: 145.825 ng

RT: 5.416 min Scan# 351

Delta R.T. -0.007 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

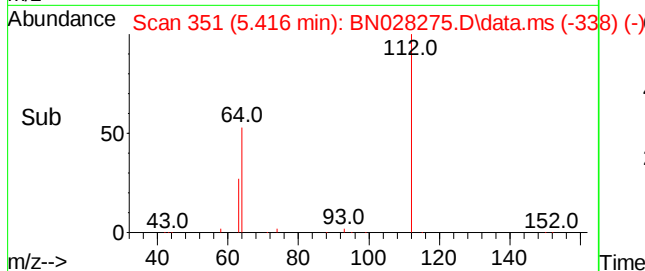
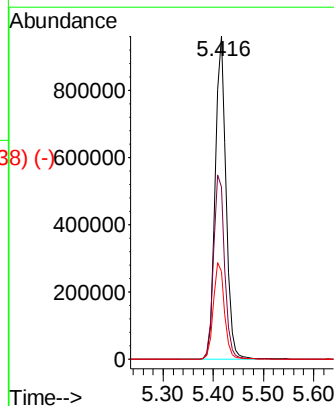
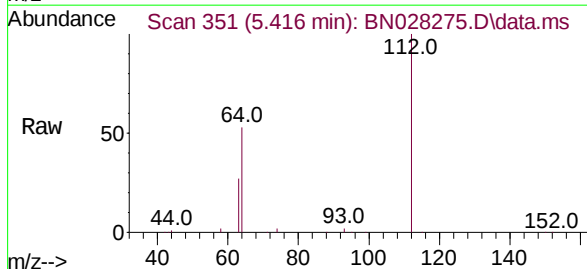
Tgt Ion:112 Resp: 1430085

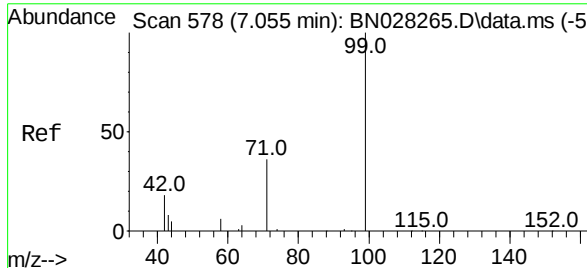
Ion Ratio Lower Upper

112 100

64 58.7 46.9 70.3

63 30.6 25.0 37.4





Phenol-d6

Concen: 161.891 ng

RT: 7.041 min Scan# 630

Delta R.T. -0.014 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

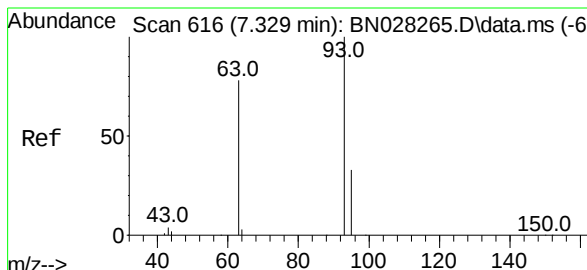
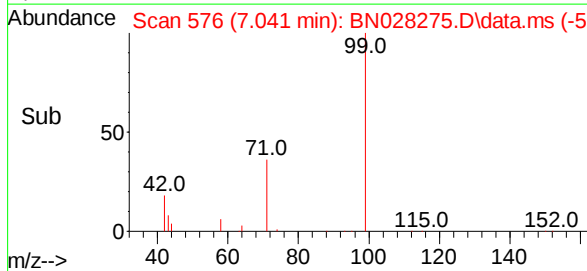
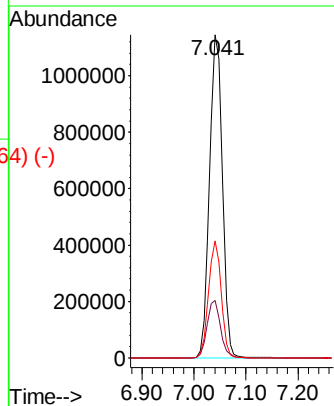
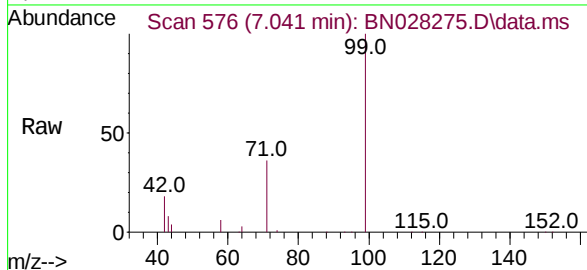
Tgt Ion: 99 Resp: 1954605

Ion Ratio Lower Upper

99 100

42 18.8 15.9 23.9

71 35.6 28.6 42.8



bis(2-Chloroethyl)ether

Concen: 3.569 ng

RT: 7.431 min Scan# 630

Delta R.T. 0.101 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

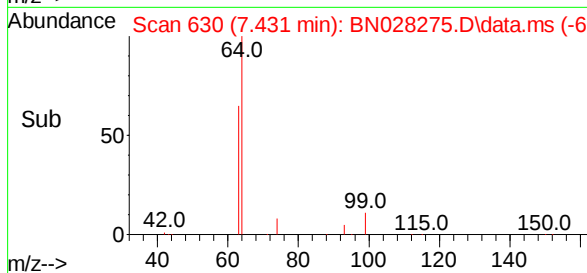
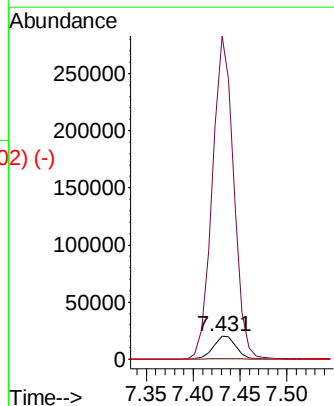
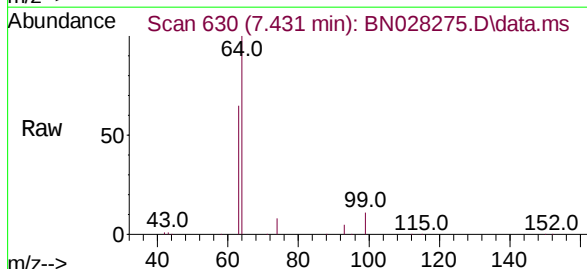
Tgt Ion: 93 Resp: 33232

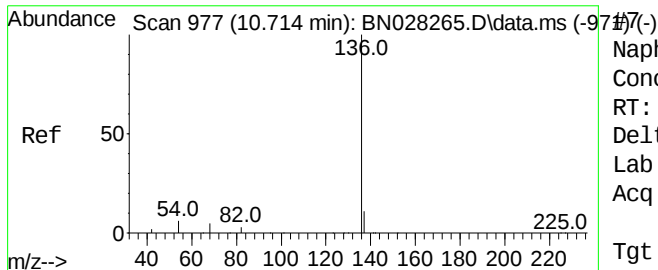
Ion Ratio Lower Upper

93 100

63 1357.2 62.6 93.8#

95 2.8 27.2 40.8#





Naphthalene-d8

Concen: 0.400 ng

RT: 10.693 min Scan#

Delta R.T. -0.021 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

Tgt Ion:136 Resp: 10914

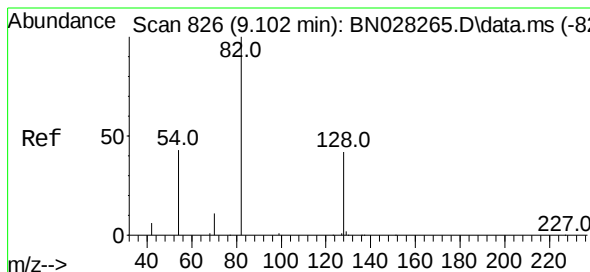
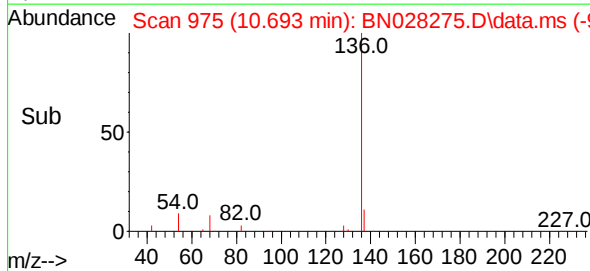
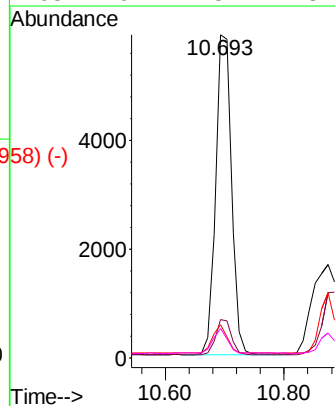
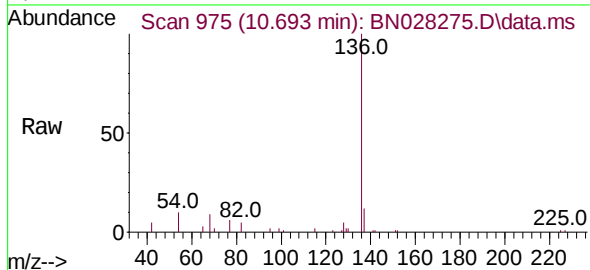
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.8

54 10.2 6.2 9.4#

68 9.1 5.7 8.5#



Nitrobenzene-d5

Concen: 102.127 ng

RT: 9.080 min Scan# 824

Delta R.T. -0.021 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

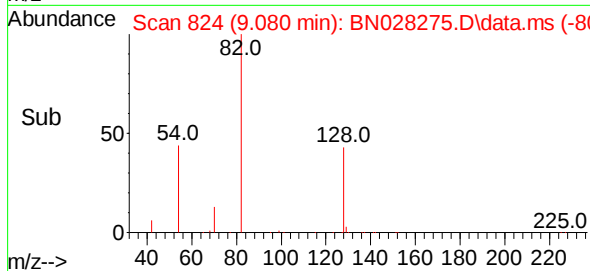
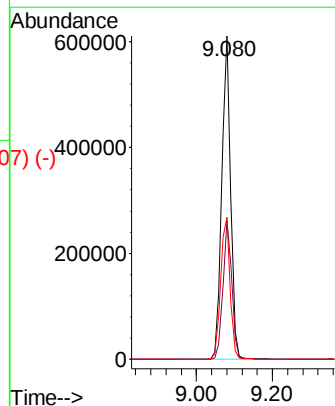
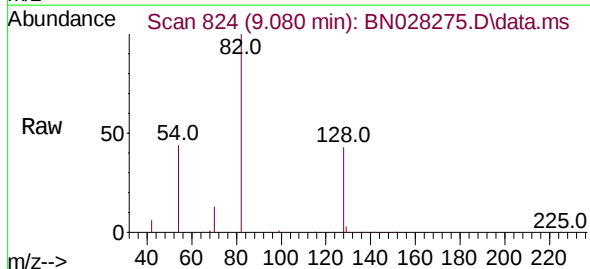
Tgt Ion: 82 Resp: 988713

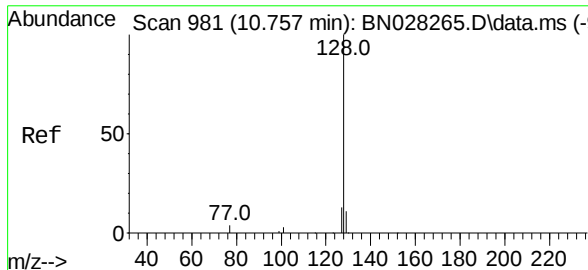
Ion Ratio Lower Upper

82 100

128 43.1 36.8 55.2

54 44.0 37.4 56.2

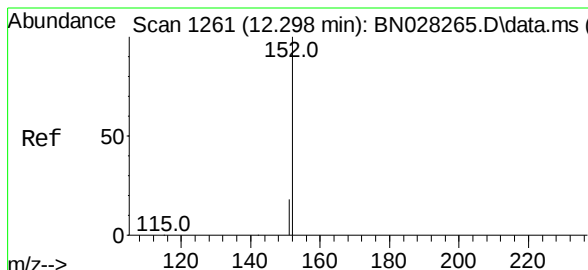
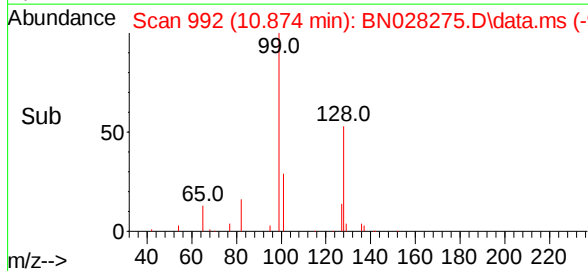
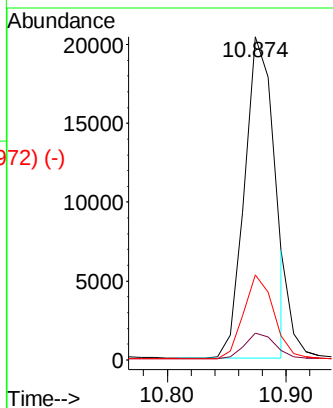
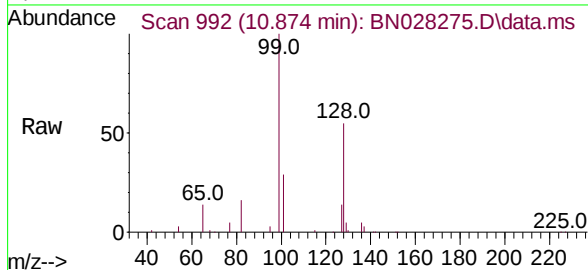




Scan 981 (10.757 min): BN028265.D\data.ms (-976) (-)
 Naphthalene
 Concen: 1.263 ng
 RT: 10.874 min Scan# 1249
 Delta R.T. 0.117 min
 Lab File: BN028275.D
 Acq: 13 Oct 2023 11:09

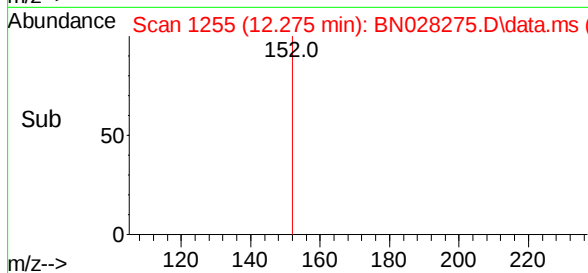
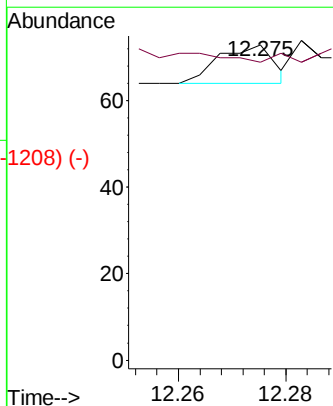
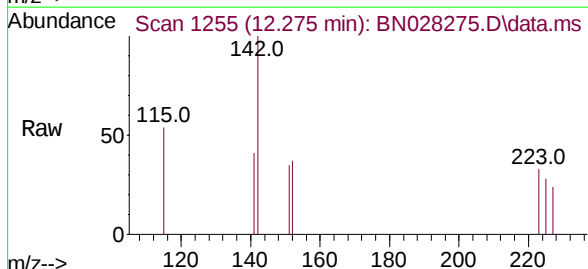
Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WP

Tgt Ion:	128	Resp:	35749
Ion	Ratio	Lower	Upper
128	100		
129	8.3	9.8	14.6#
127	26.4	11.4	17.0#



Scan 1261 (12.298 min): BN028265.D\data.ms (-1241) (-)
 2-Methylnaphthalene-d10
 Concen: 0.000 ng
 RT: 12.275 min Scan# 1255
 Delta R.T. -0.023 min
 Lab File: BN028275.D
 Acq: 13 Oct 2023 11:09

Tgt Ion:	152	Resp:	6
Ion	Ratio	Lower	Upper
152	100		
151	50.0	16.1	24.1#



Abundance Scan 1592 (14.544 min): BN028265.D\data.ms (-1514) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.534 min Scan# 1592

Delta R.T. -0.011 min

Lab File: BN028275.D

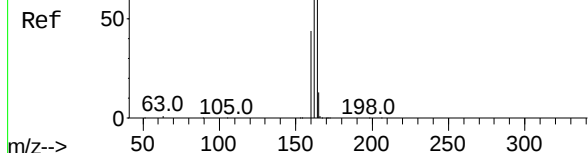
Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP



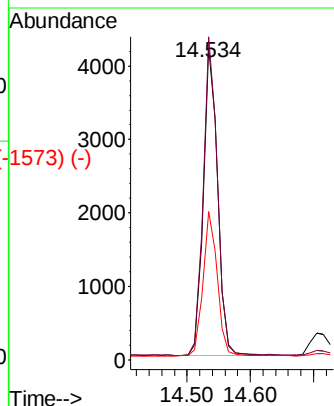
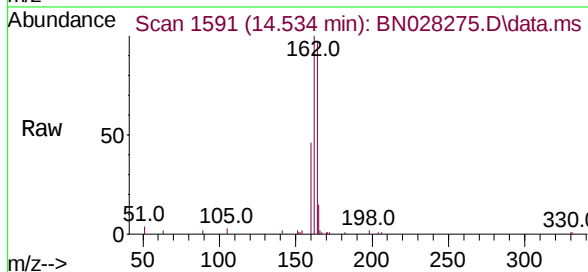
Tgt Ion:164 Resp: 6529

Ion Ratio Lower Upper

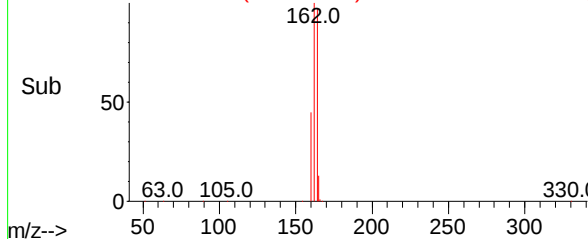
164 100

162 103.4 81.1 121.7

160 47.6 36.6 54.8



Abundance Scan 1591 (14.534 min): BN028275.D\data.ms (-1573) (-)



Abundance Scan 1726 (16.053 min): BN028265.D\data.ms (-1721) (-)

2,4,6-Tribromophenol

Concen: 188.115 ng

RT: 16.040 min Scan# 1725

Delta R.T. -0.012 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

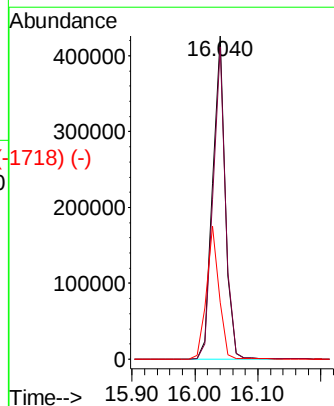
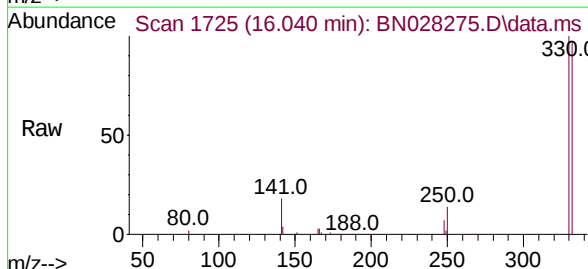
Tgt Ion:330 Resp: 599013

Ion Ratio Lower Upper

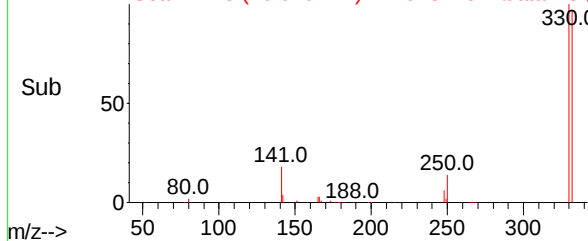
330 100

332 95.7 74.1 111.1

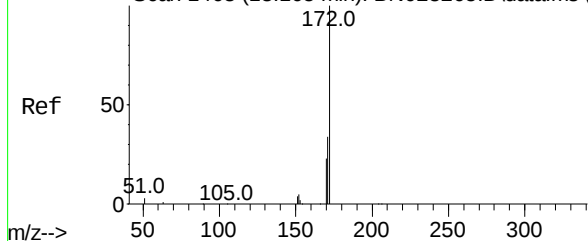
141 41.2 32.1 48.1



Abundance Scan 1725 (16.040 min): BN028275.D\data.ms (-1718) (-)



Abundance Scan 1463 (13.165 min): BN028265.D\data.ms (-1455) (-)

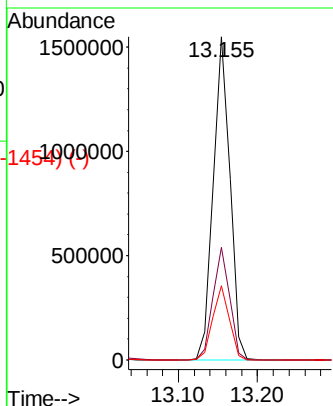
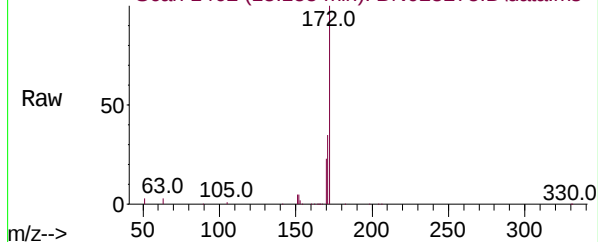


2-Fluorobiphenyl
Concen: 97.946 ng
RT: 13.155 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN028275.D
Acq: 13 Oct 2023 11:09

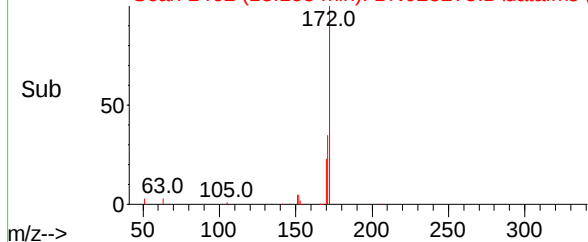
Instrument :
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Tgt Ion:172 Resp: 2250203
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.9 18.7 28.1

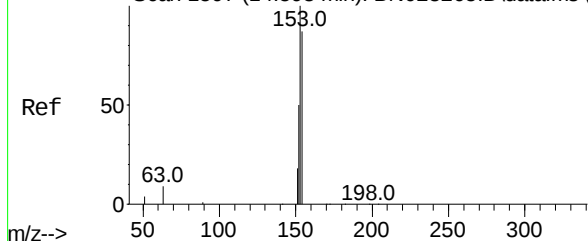
Abundance Scan 1462 (13.155 min): BN028275.D\data.ms



Abundance Scan 1462 (13.155 min): BN028275.D\data.ms (-1454) (-)



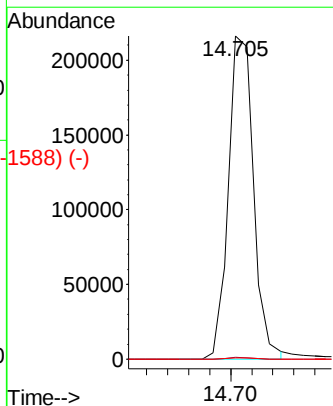
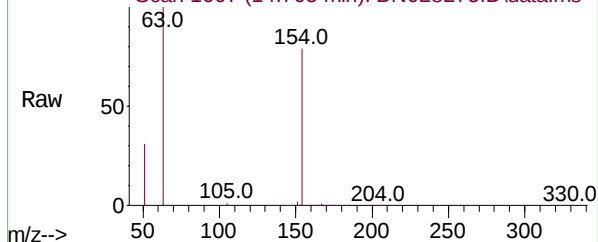
Abundance Scan 1597 (14.598 min): BN028265.D\data.ms (-1517) (-)



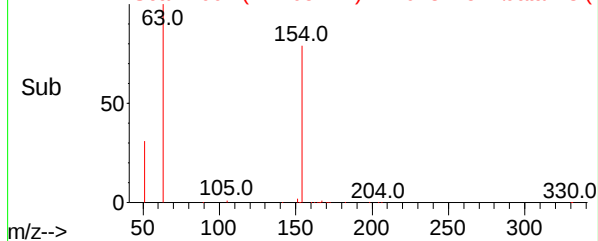
Acenaphthene
Concen: 19.276 ng
RT: 14.705 min Scan# 1607
Delta R.T. 0.107 min
Lab File: BN028275.D
Acq: 13 Oct 2023 11:09

Tgt Ion:154 Resp: 356353
Ion Ratio Lower Upper
154 100
153 0.5 90.7 136.1#
152 0.5 43.6 65.4#

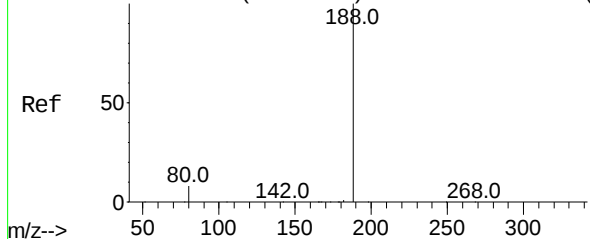
Abundance Scan 1607 (14.705 min): BN028275.D\data.ms



Abundance Scan 1607 (14.705 min): BN028275.D\data.ms (-1588) (-)



Abundance Scan 1827 (17.306 min): BN028265.D\data.ms (-1811) (-)



Phenanthrene-d10

Concen: 0.400 ng

RT: 17.294 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

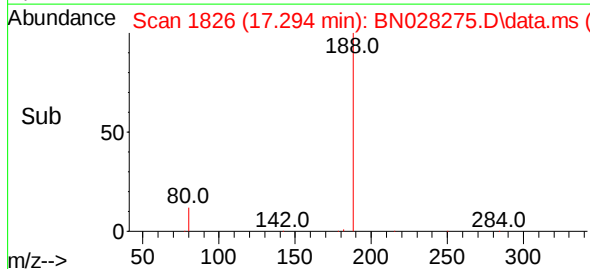
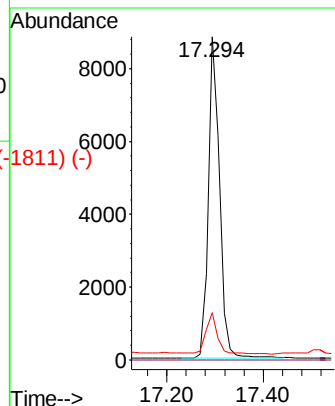
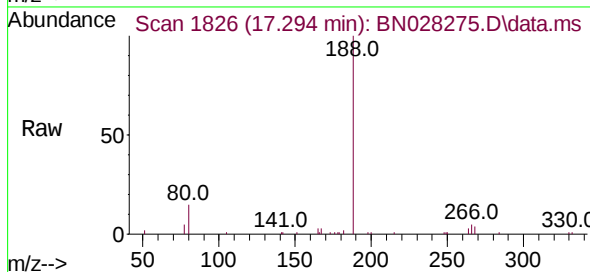
Tgt Ion:188 Resp: 14310

Ion Ratio Lower Upper

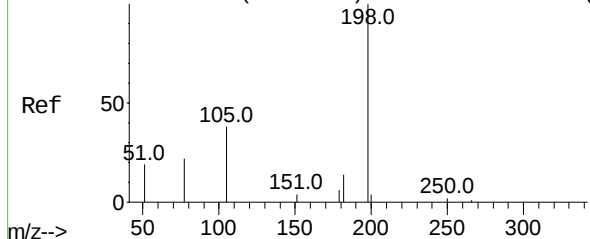
188 100

94 0.0 0.0 0.0

80 14.6 7.1 10.7#



Abundance Scan 1700 (15.730 min): BN028265.D\data.ms (-1626) (-)



4,6-Dinitro-2-methylphenol

Concen: 43.099 ng

RT: 15.705 min Scan# 1698

Delta R.T. -0.025 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

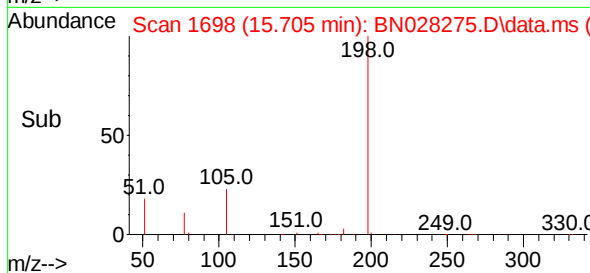
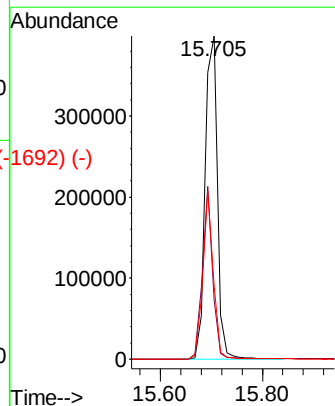
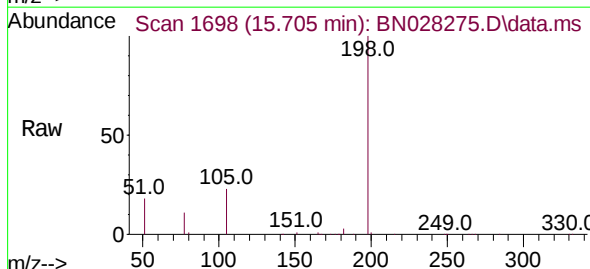
Tgt Ion:198 Resp: 656581

Ion Ratio Lower Upper

198 100

51 18.3 96.1 144.1#

105 22.6 75.4 113.0#



Abundance Scan 1761 (16.487 min): BN028265.D\data.ms (-1724) (-)

4-Bromophenyl-phenylether

Concen: 0.021 ng

RT: 16.487 min Scan# 1724

Delta R.T. -0.000 min

Lab File: BN028275.D

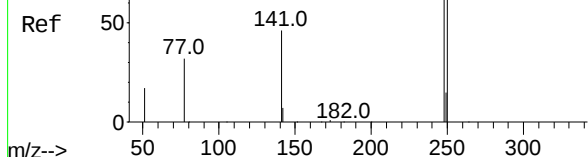
Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP



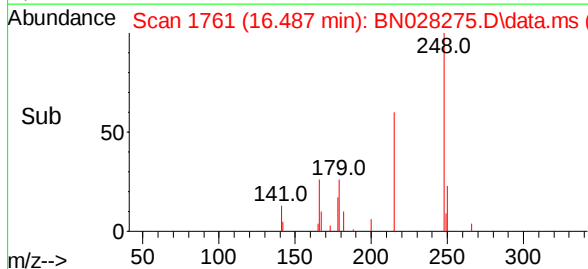
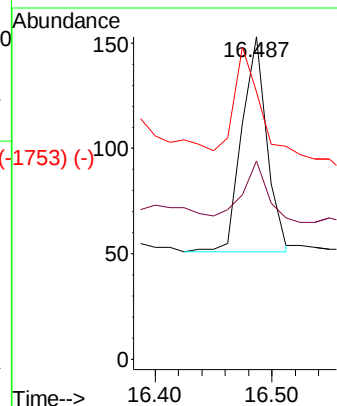
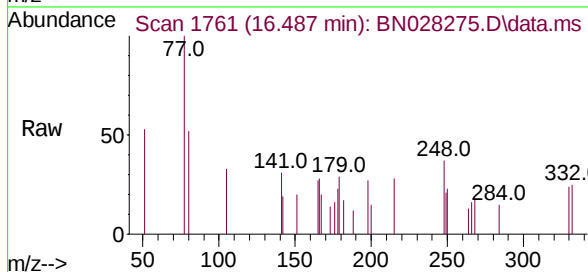
Tgt Ion:248 Resp: 152

Ion Ratio Lower Upper

248 100

250 61.4 80.5 120.7#

141 83.0 38.9 58.3#



Abundance Scan 1783 (16.760 min): BN028265.D\data.ms (-1723) (-)

Atrazine

Concen: 23.590 ng

RT: 16.922 min Scan# 1796

Delta R.T. 0.161 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

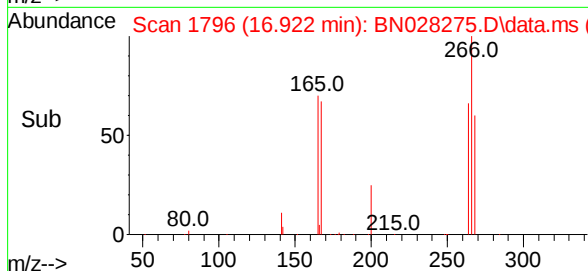
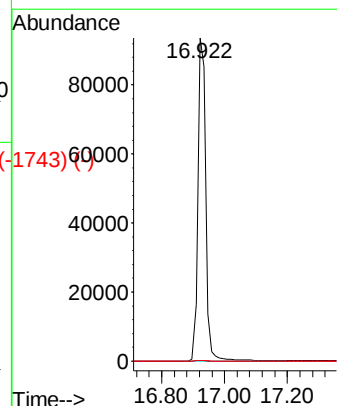
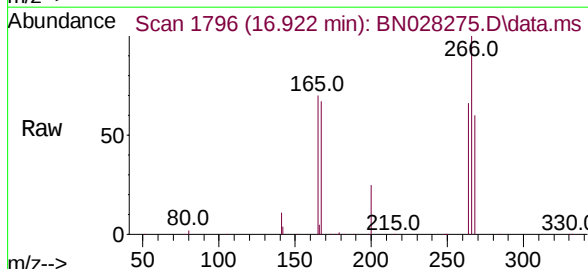
Tgt Ion:200 Resp: 163009

Ion Ratio Lower Upper

200 100

173 0.1 21.6 32.4#

215 0.2 39.0 58.6#



Abundance Scan 1798 (16.946 min): BN028265.D\data.ms (-1794) (-)

Pentachlorophenol

Concen: 234.207 ng

RT: 16.934 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

Tgt Ion:266 Resp: 811374

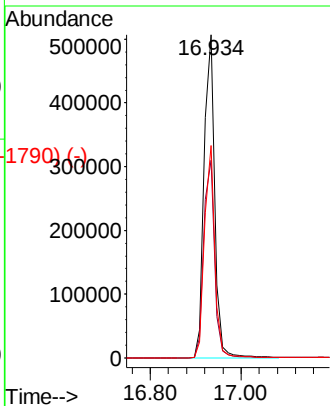
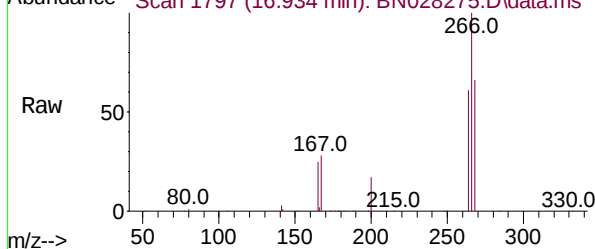
Ion Ratio Lower Upper

266 100

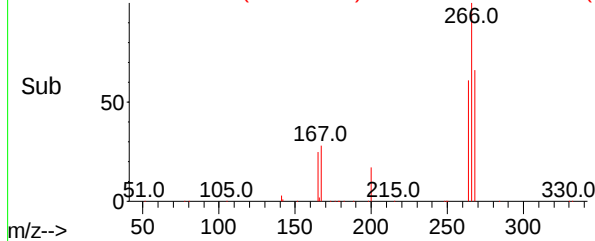
264 62.8 51.5 77.3

268 63.9 56.6 84.8

Abundance Scan 1797 (16.934 min): BN028275.D\data.ms



Abundance Scan 1797 (16.934 min): BN028275.D\data.ms (-1790) (-)



Abundance Scan 2102 (19.337 min): BN028265.D\data.ms (-2097) (-)

Fluoranthene-d10

Concen: 0.012 ng

RT: 19.328 min Scan# 2100

Delta R.T. -0.009 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Tgt Ion:212 Resp: 458

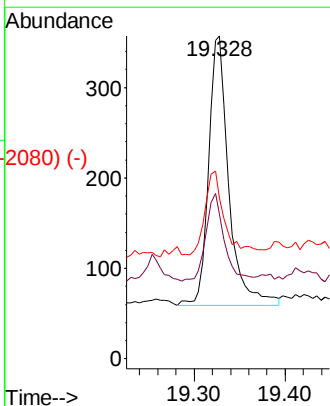
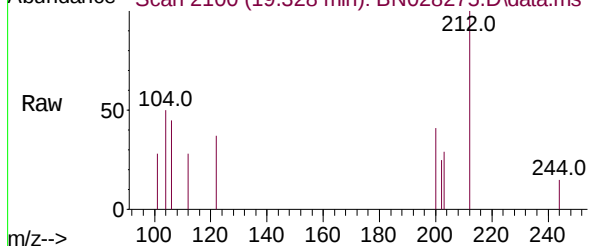
Ion Ratio Lower Upper

212 100

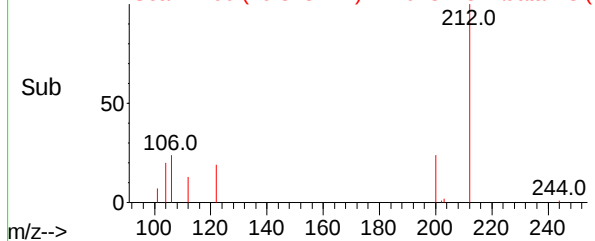
106 29.7 11.5 17.3#

104 29.7 6.7 10.1#

Abundance Scan 2100 (19.328 min): BN028275.D\data.ms



Abundance Scan 2100 (19.328 min): BN028275.D\data.ms (-2080) (-)



Abundance Scan 2516 (21.498 min): BN028265.D\data.ms (-2516) (-)

Chrysene-d12

Concen: 0.400 ng

RT: 21.498 min Scan# 2516

Delta R.T. 0.000 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

Tgt Ion:240 Resp: 13283

Ion Ratio Lower Upper

240 100

120 18.6 13.4 20.0

236 28.8 22.7 34.1

Abundance Scan 2516 (21.498 min): BN028275.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

91.0 120.0 149.0 206.0 240.0 279.0

m/z-->

Abundance Scan 2516 (21.498 min): BN028275.D\data.ms (-2494) (-)

Ref 50

Raw 50

Sub 50

m/z-->

91.0 120.0 149.0 212.0 240.0

m/z-->

Abundance

21.498

6000

4000

2000

0

Time-->

21.40 21.60

Abundance Scan 2228 (19.923 min): BN028265.D\data.ms (-2228) (-)

Terphenyl-d14

Concen: 101.981 ng

RT: 19.923 min Scan# 2228

Delta R.T. 0.000 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Tgt Ion:244 Resp: 2875668

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

122 16.3 11.7 17.5

Abundance Scan 2228 (19.923 min): BN028275.D\data.ms

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.923

2000000

1500000

1000000

500000

0

Time-->

19.80 20.00

Abundance Scan 2228 (19.923 min): BN028275.D\data.ms (-2196) (-)

Ref 50

Raw 50

Sub 50

m/z-->

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 2500 (21.354 min): BN028265.D\data.ms (-2489) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.426 ng

RT: 21.354 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WP

Tgt Ion:149 Resp: 15344

Ion Ratio Lower Upper

149 100

167 27.3 22.6 34.0

279 4.1 4.2 6.2#

Abundance Scan 2500 (21.354 min): BN028275.D\data.ms

Ref 50

149.0

91.0 122.0 212.0 254.0 279.0

m/z-->

Raw 50

149.0

91.0 122.0 206.0 252.0 279.0

m/z-->

Abundance Scan 2500 (21.354 min): BN028275.D\data.ms (-2489) (-)

Sub 50

149.0

91.0 122.0 206.0 254.0 279.0

m/z-->

Abundance

21.354

10000

5000

0

Time-->

Abundance Scan 3148 (23.961 min): BN028265.D\data.ms (-3125) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.955 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BN028275.D

Acq: 13 Oct 2023 11:09

Tgt Ion:264 Resp: 14930

Ion Ratio Lower Upper

264 100

260 25.6 20.7 31.1

265 53.3 38.3 57.5

Abundance Scan 3146 (23.955 min): BN028275.D\data.ms

Ref 50

264.0

125.0

m/z-->

Raw 50

264.0

125.0

m/z-->

Abundance Scan 3146 (23.955 min): BN028275.D\data.ms (-3097) (-)

Sub 50

264.0

125.0

m/z-->

Abundance

23.955

6000

4000

2000

0

Time-->