

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
 Data File : BN028276.D
 Acq On : 13 Oct 2023 12:01
 Operator : MA/JU
 Sample : 04346-08DL 50X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 13 12:38:25 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)

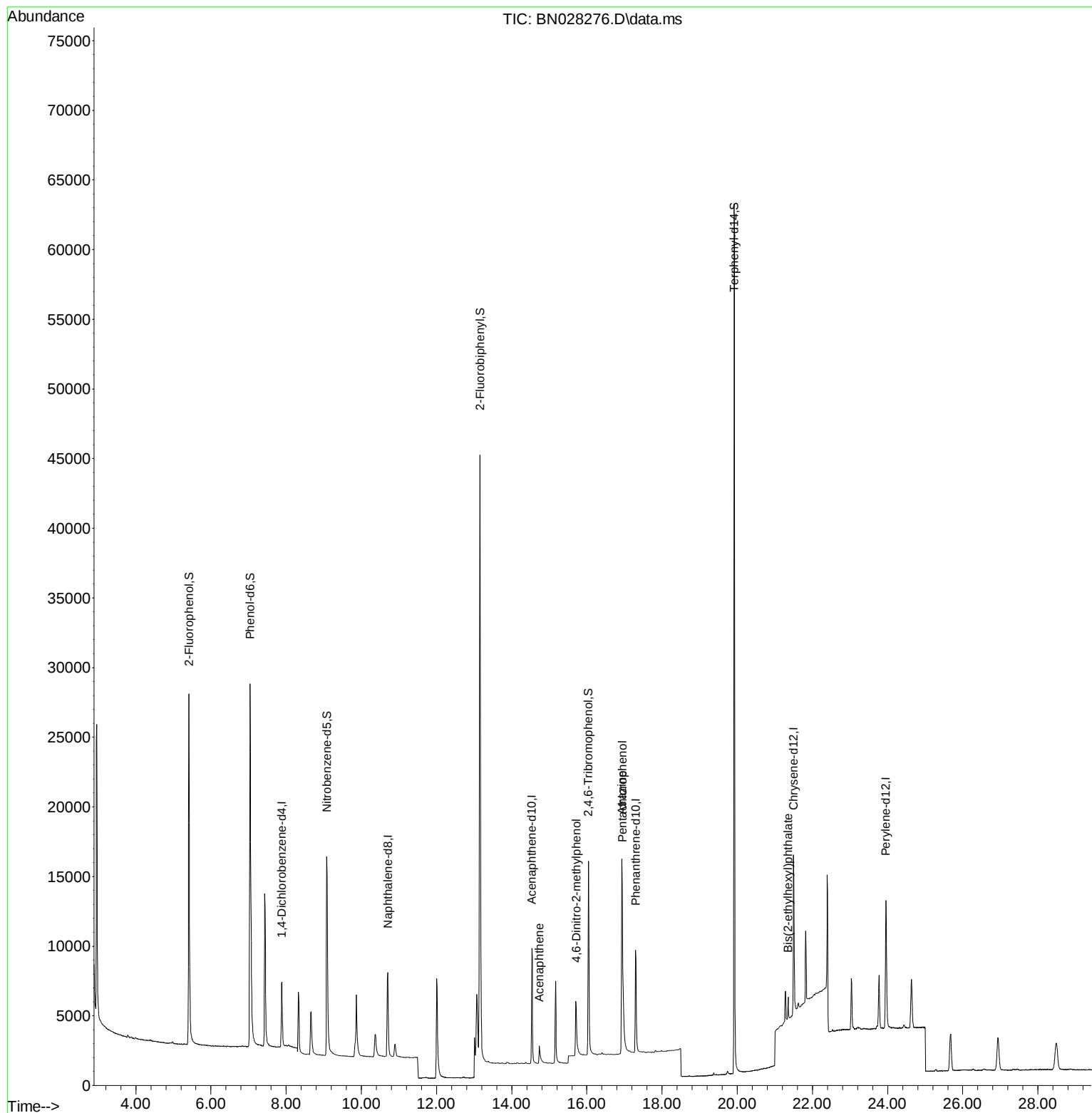
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	2838	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	9324	0.400	ng	-0.01
13) Acenaphthene-d10	14.534	164	5775	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	13200	0.400	ng	#-0.01
29) Chrysene-d12	21.497	240	12927	0.400	ng	0.00
35) Perylene-d12	23.955	264	14605	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.415	112	24436	2.773	ng	0.00
5) Phenol-d6	7.040	99	30891	2.847	ng	-0.01
8) Nitrobenzene-d5	9.080	82	15496	1.874	ng	-0.02
11) 2-Methylnaphthalene-d10	12.268	152	3	0.000	ng	-0.03
14) 2,4,6-Tribromophenol	16.040	330	8315	2.952	ng	-0.01
15) 2-Fluorobiphenyl	13.154	172	41882	2.061	ng	-0.01
27) Fluoranthene-d10	19.342	212	25	0.001	ng	0.00
31) Terphenyl-d14	19.918	244	65252	2.378	ng	0.00
Target Compounds						
17) Acenaphthene	14.737	154	821	0.050	ng	# 6
20) 4,6-Dinitro-2-methylph...	15.717	198	3802	2.577	ng	# 39
23) Atrazine	16.934	200	1902	0.298	ng	# 46
24) Pentachlorophenol	16.946	266	9752	3.052	ng	95
34) Bis(2-ethylhexyl)phtha...	21.354	149	1416	0.040	ng	# 95

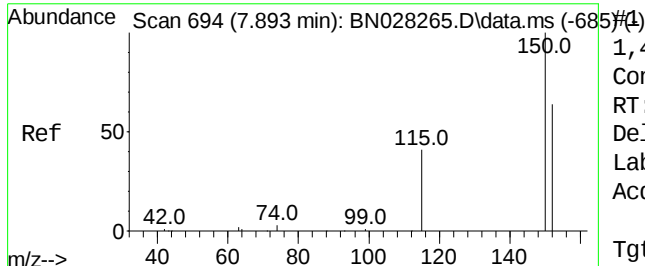
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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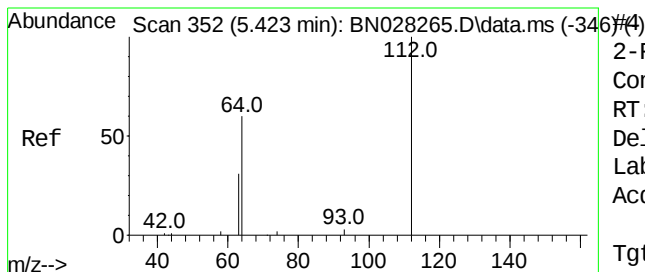
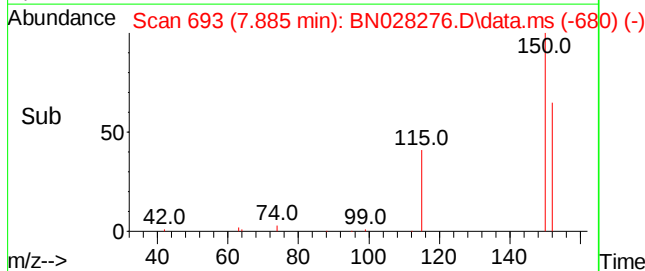
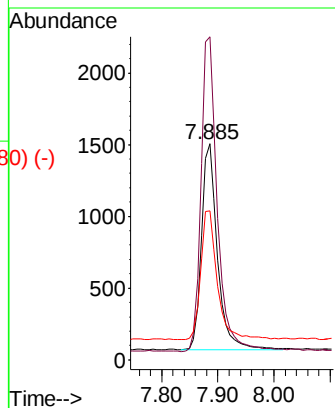
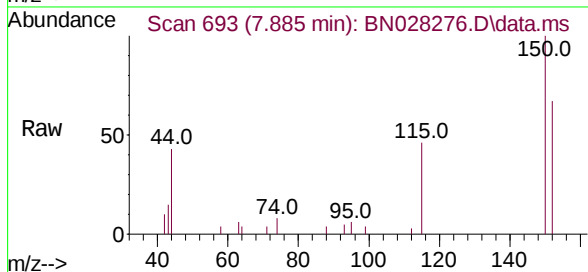




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.885 min Scan# 694
 Delta R.T. -0.008 min
 Lab File: BN028276.D
 Acq: 13 Oct 2023 12:01

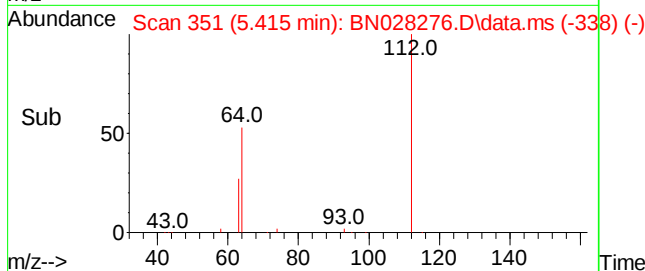
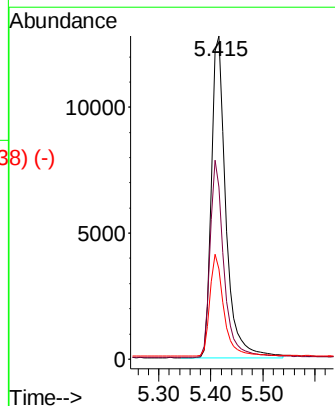
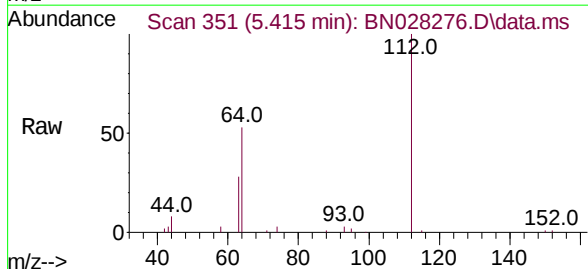
Instrument :
 BNA_N
 ClientSampleId :
 PT-ACIDS-WPDL

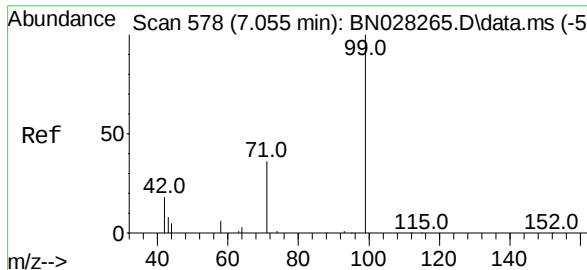
Tgt Ion:152 Resp: 2838
 Ion Ratio Lower Upper
 152 100
 150 149.6 121.6 182.4
 115 69.1 54.3 81.5



2-Fluorophenol
 Concen: 2.773 ng
 RT: 5.415 min Scan# 351
 Delta R.T. -0.007 min
 Lab File: BN028276.D
 Acq: 13 Oct 2023 12:01

Tgt Ion:112 Resp: 24436
 Ion Ratio Lower Upper
 112 100
 64 59.0 46.9 70.3
 63 30.8 25.0 37.4

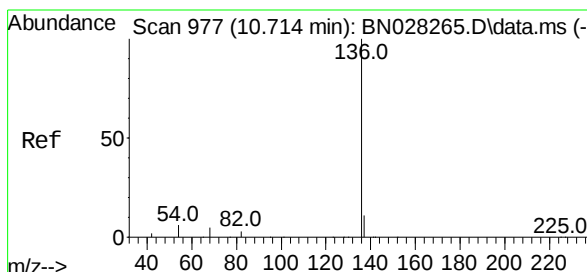
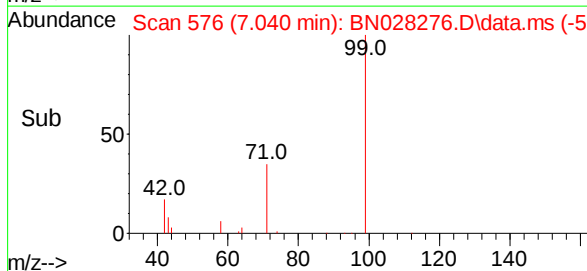
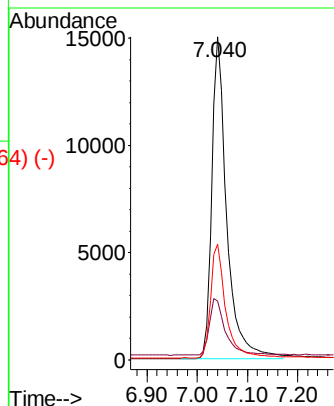
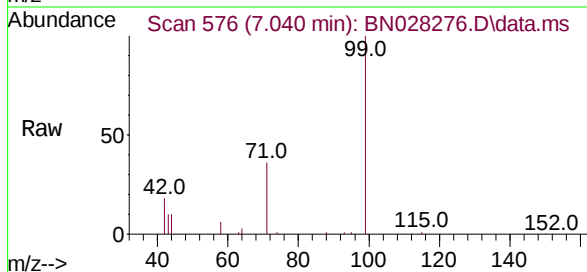




Phenol-d6
Concen: 2.847 ng
RT: 7.040 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN028276.D
Acq: 13 Oct 2023 12:01

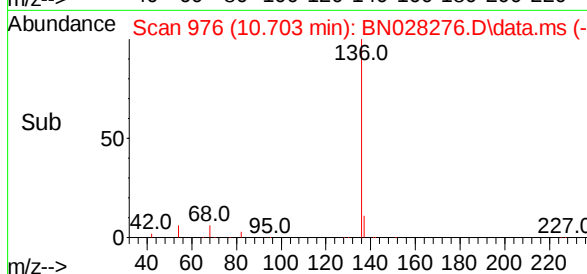
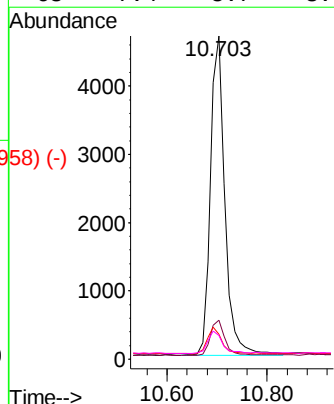
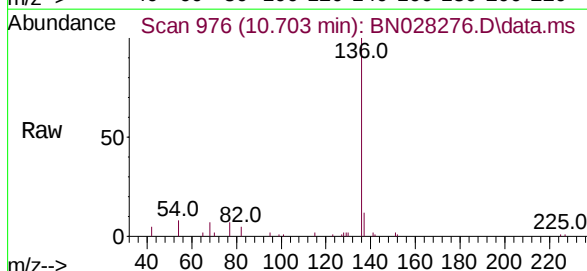
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

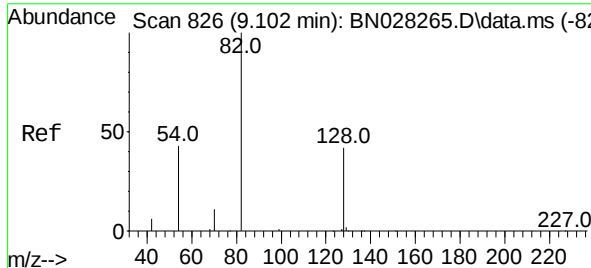
Tgt Ion: 99 Resp: 30891
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 35.7 28.6 42.8



Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 976
Delta R.T. -0.011 min
Lab File: BN028276.D
Acq: 13 Oct 2023 12:01

Tgt Ion: 136 Resp: 9324
Ion Ratio Lower Upper
136 100
137 12.1 9.8 14.8
54 7.6 6.2 9.4
68 7.4 5.7 8.5





Nitrobenzene-d5

Concen: 1.874 ng

RT: 9.080 min Scan# 826

Delta R.T. -0.022 min

Lab File: BN028276.D

Acq: 13 Oct 2023 12:01

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

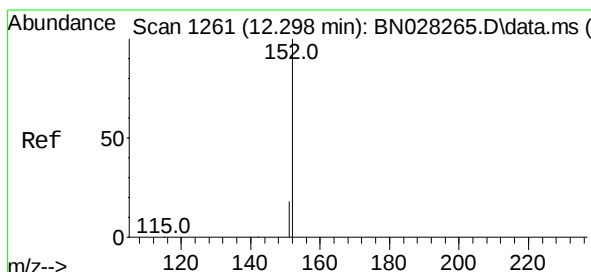
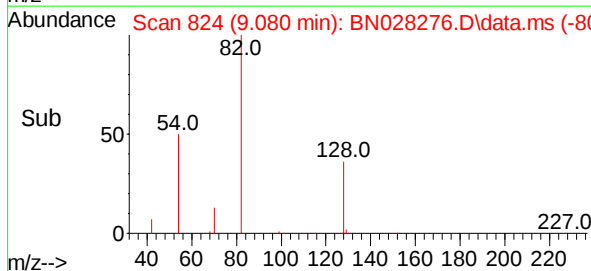
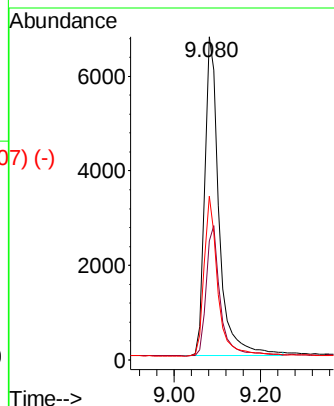
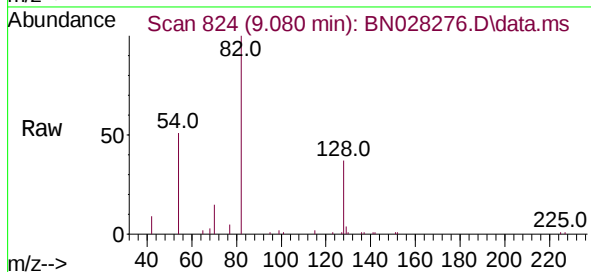
Tgt Ion: 82 Resp: 15496

Ion Ratio Lower Upper

82 100

128 36.8 36.8 55.2

54 50.7 37.4 56.2



2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.268 min Scan# 1253

Delta R.T. -0.030 min

Lab File: BN028276.D

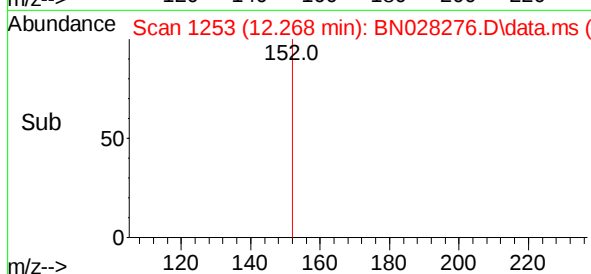
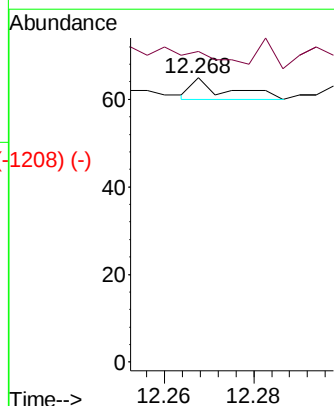
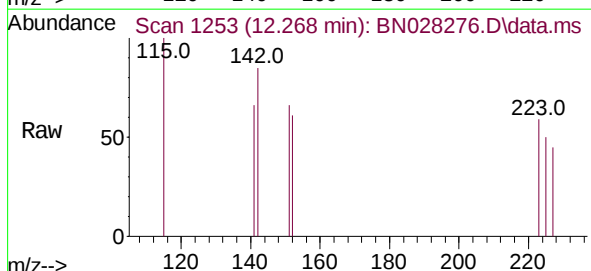
Acq: 13 Oct 2023 12:01

Tgt Ion:152 Resp: 3

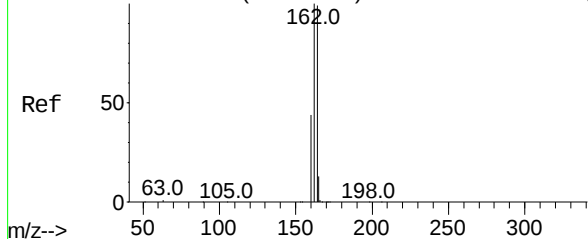
Ion Ratio Lower Upper

152 100

151 66.7 16.1 24.1#



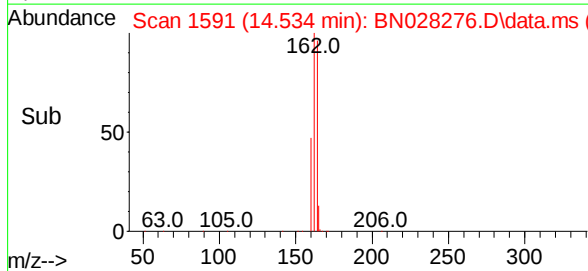
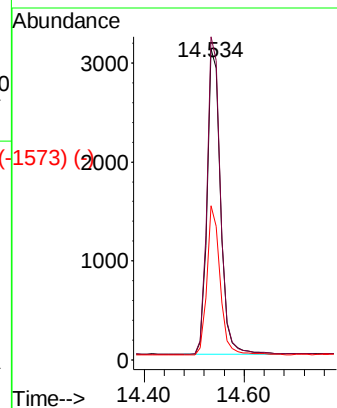
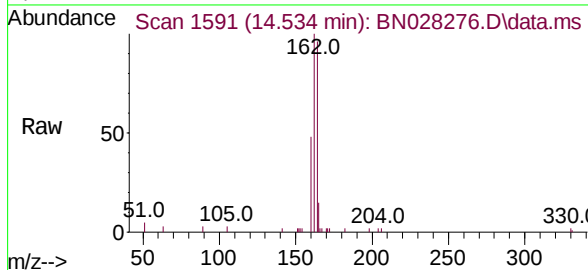
Abundance Scan 1592 (14.544 min): BN028265.D\data.ms (-1514) (-)



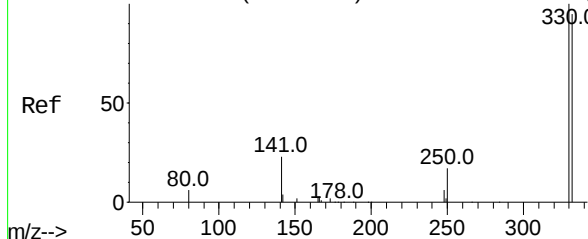
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.534 min Scan# 1592
Delta R.T. -0.011 min
Lab File: BN028276.D
Acq: 13 Oct 2023 12:01

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:164 Resp: 5775
Ion Ratio Lower Upper
164 100
162 103.9 81.1 121.7
160 49.5 36.6 54.8

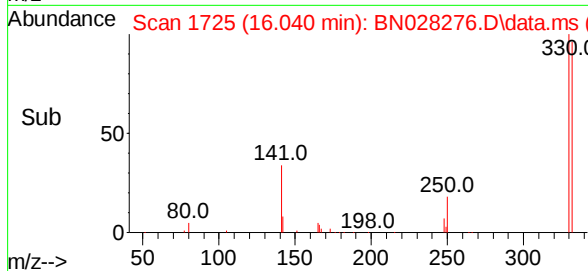
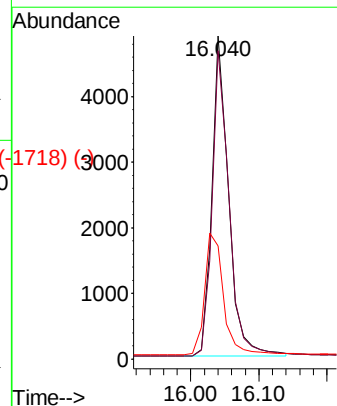
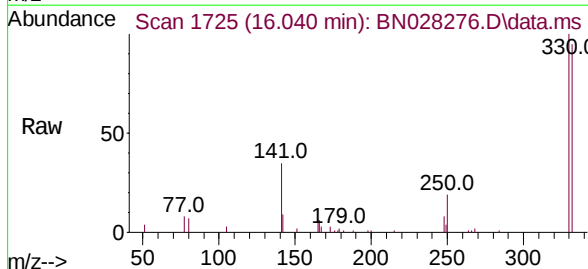


Abundance Scan 1726 (16.053 min): BN028265.D\data.ms (-1721) (-)



2,4,6-Tribromophenol
Concen: 2.952 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.013 min
Lab File: BN028276.D
Acq: 13 Oct 2023 12:01

Tgt Ion:330 Resp: 8315
Ion Ratio Lower Upper
330 100
332 96.6 74.1 111.1
141 42.7 32.1 48.1



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

2-Fluorobiphenyl

Concen: 2.061 ng

RT: 13.154 min Scan# 1462

Delta R.T. -0.011 min

Lab File: BN028276.D

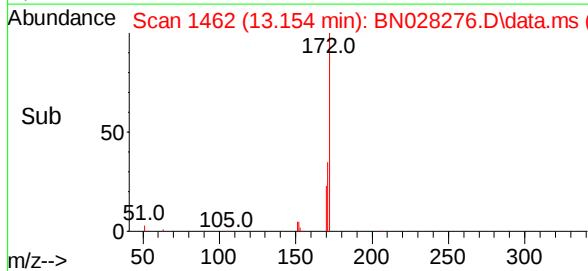
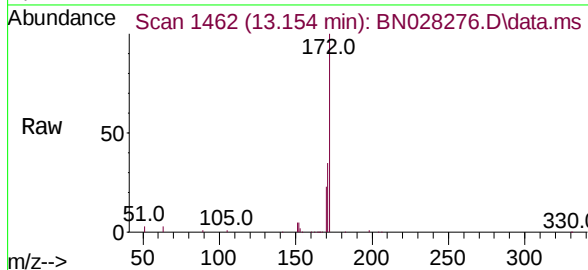
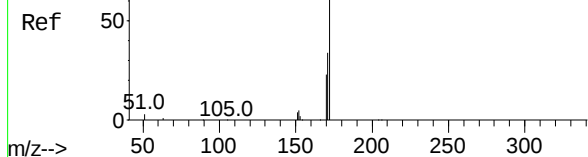
Acq: 13 Oct 2023 12:01

Instrument :

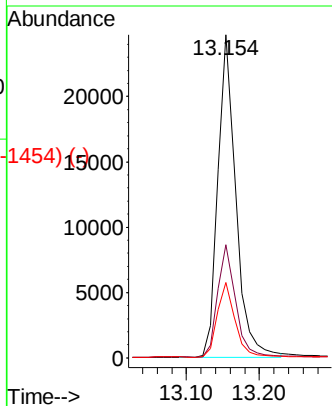
BNA_N

ClientSampleId :

PT-ACIDS-WPDL



Tgt Ion:	172	Resp:	41882
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	23.3	18.7	28.1



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

Acenaphthene

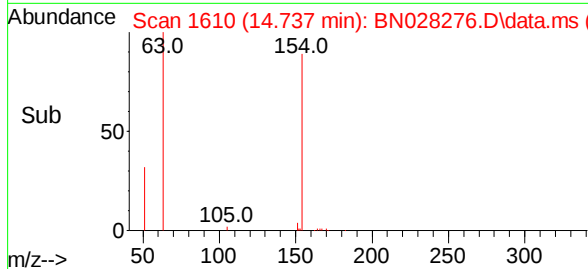
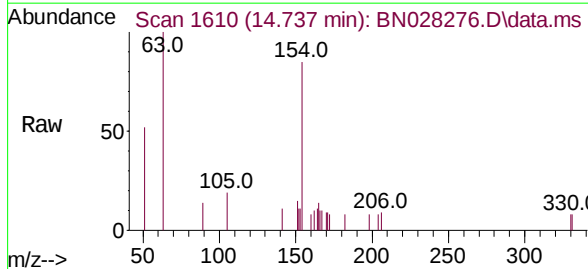
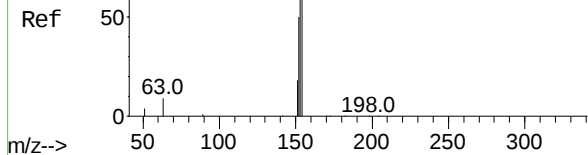
Concen: 0.050 ng

RT: 14.737 min Scan# 1610

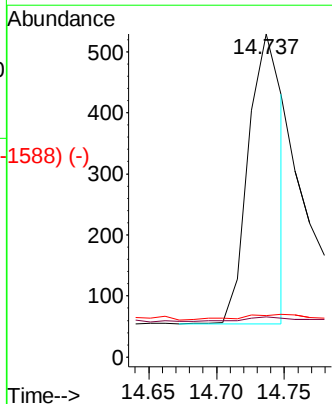
Delta R.T. 0.139 min

Lab File: BN028276.D

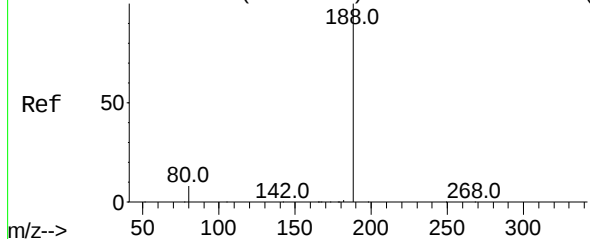
Acq: 13 Oct 2023 12:01



Tgt Ion:	154	Resp:	821
Ion	Ratio	Lower	Upper
154	100		
153	1.8	90.7	136.1#
152	1.5	43.6	65.4#



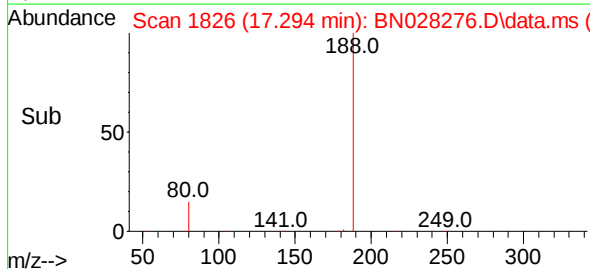
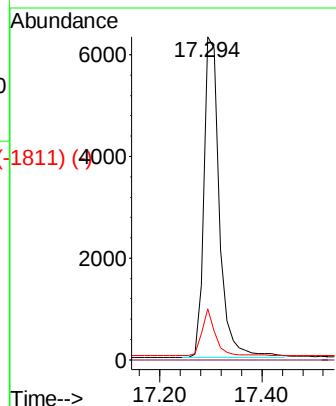
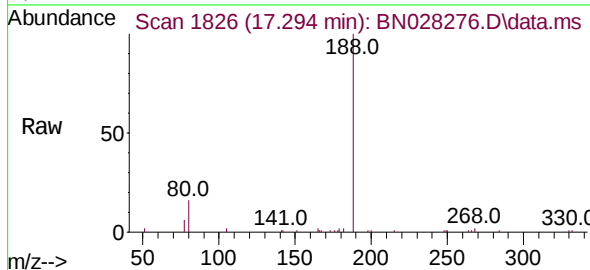
Abundance Scan 1827 (17.306 min): BN028265.D\data.ms (-1811) (-)



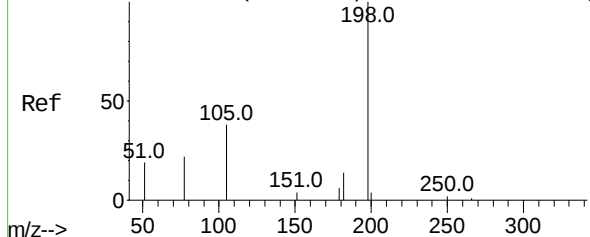
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 1826
Delta R.T. -0.013 min
Lab File: BN028276.D
Acq: 13 Oct 2023 12:01

Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:188 Resp: 13200
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.7 7.1 10.7#

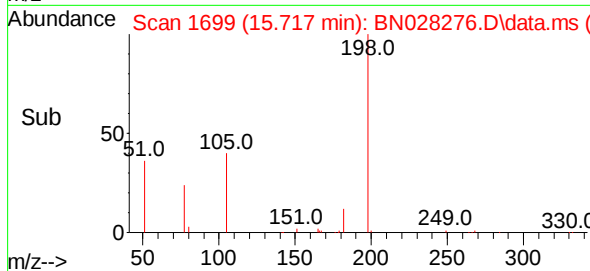
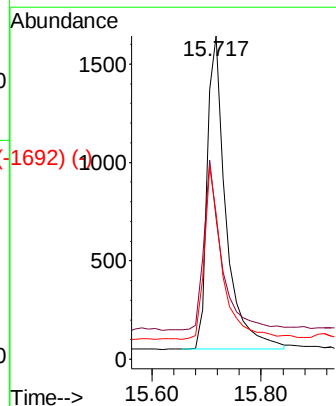
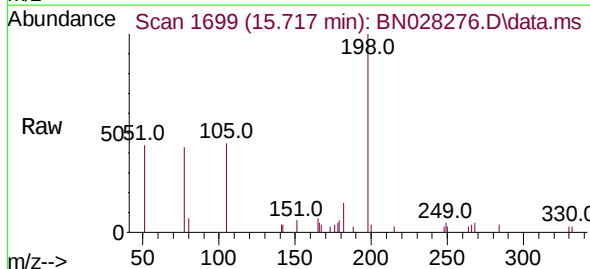


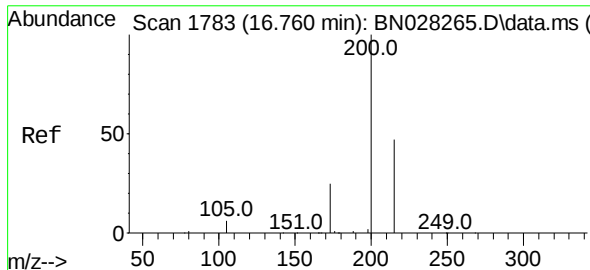
Abundance Scan 1700 (15.730 min): BN028265.D\data.ms (-1626) (-)



4,6-Dinitro-2-methylphenol
Concen: 2.577 ng
RT: 15.717 min Scan# 1699
Delta R.T. -0.013 min
Lab File: BN028276.D
Acq: 13 Oct 2023 12:01

Tgt Ion:198 Resp: 3802
Ion Ratio Lower Upper
198 100
51 43.5 96.1 144.1#
105 45.2 75.4 113.0#

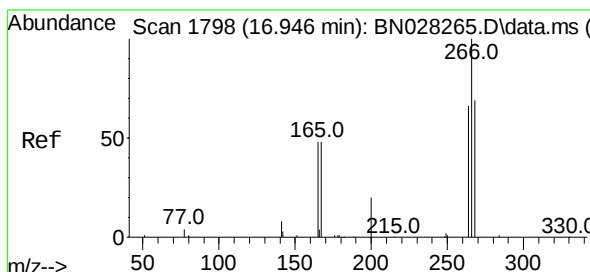
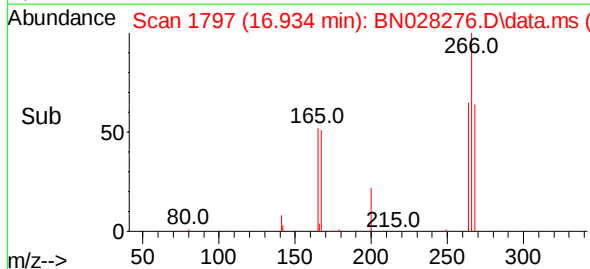
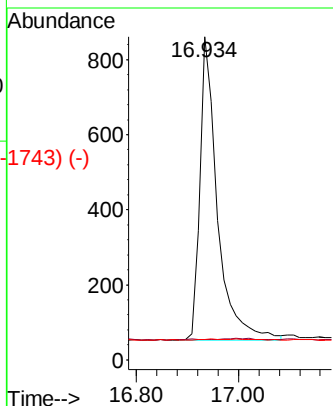
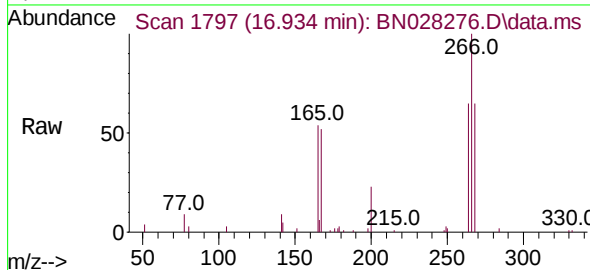




Atrazine
Concen: 0.298 ng
RT: 16.934 min Scan# 1783
Delta R.T. 0.174 min
Lab File: BN028276.D
Acq: 13 Oct 2023 12:01

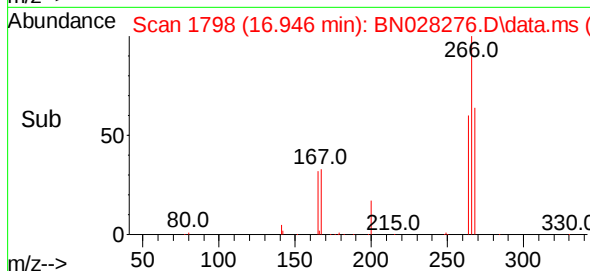
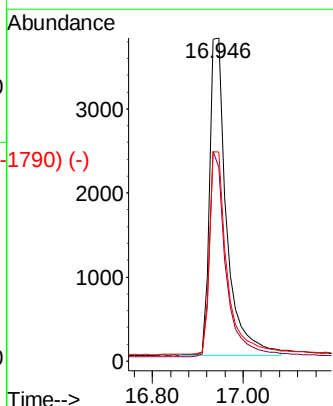
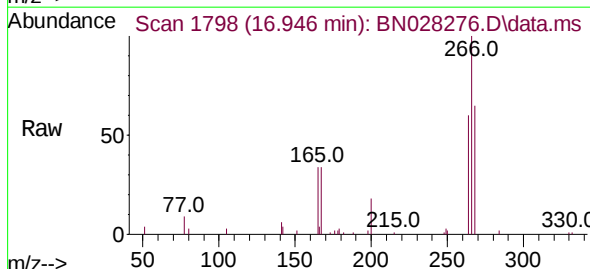
Instrument :
BNA_N
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:200 Resp: 1902
Ion Ratio Lower Upper
200 100
173 6.4 21.6 32.4#
215 6.3 39.0 58.6#

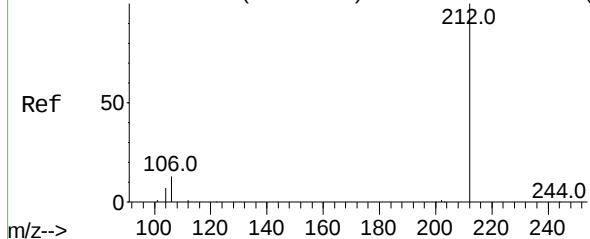


Pentachlorophenol
Concen: 3.052 ng
RT: 16.946 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN028276.D
Acq: 13 Oct 2023 12:01

Tgt Ion:266 Resp: 9752
Ion Ratio Lower Upper
266 100
264 62.9 51.5 77.3
268 64.6 56.6 84.8



Abundance Scan 2102 (19.337 min): BN028265.D\data.ms (-2081) (-)



Fluoranthene-d10

Concen: 0.001 ng

RT: 19.342 min Scan# 2102

Delta R.T. 0.004 min

Lab File: BN028276.D

Acq: 13 Oct 2023 12:01

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL

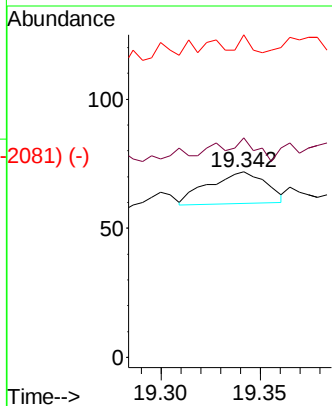
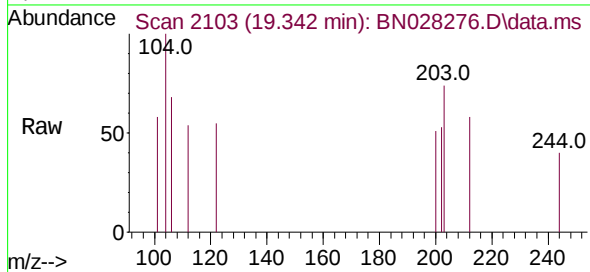
Tgt Ion:212 Resp: 25

Ion Ratio Lower Upper

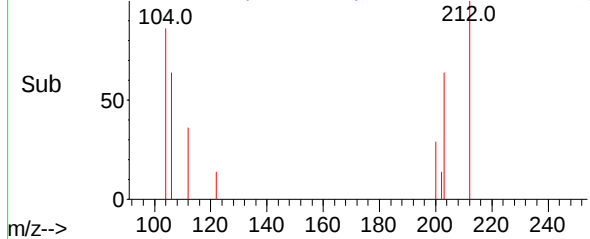
212 100

106 24.0 11.5 17.3#

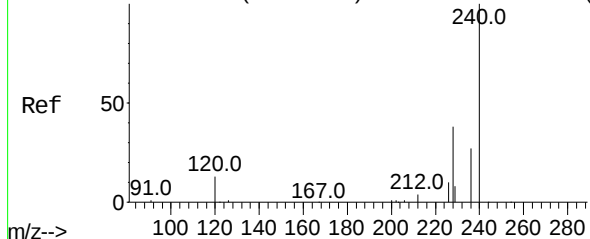
104 0.0 6.7 10.1#



Abundance Scan 2103 (19.342 min): BN028276.D\data.ms (-2081) (-)



Abundance Scan 2516 (21.498 min): BN028265.D\data.ms (-2494) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.497 min Scan# 2516

Delta R.T. -0.000 min

Lab File: BN028276.D

Acq: 13 Oct 2023 12:01

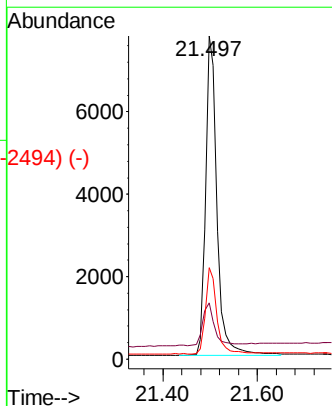
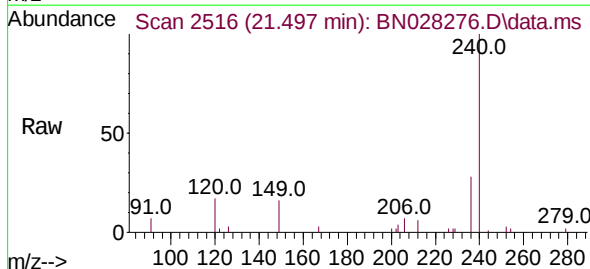
Tgt Ion:240 Resp: 12927

Ion Ratio Lower Upper

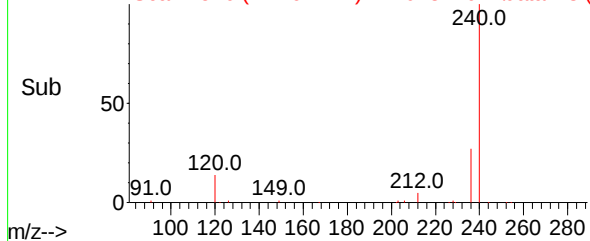
240 100

120 17.4 13.4 20.0

236 28.3 22.7 34.1



Abundance Scan 2516 (21.497 min): BN028276.D\data.ms (-2494) (-)



Abundance Scan 2228 (19.923 min): BN028265.D\data.ms (-2434) (-)

Terphenyl-d14

Concen: 2.378 ng

RT: 19.918 min Scan# 2184

Delta R.T. -0.005 min

Lab File: BN028276.D

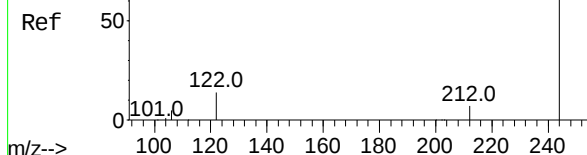
Acq: 13 Oct 2023 12:01

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL



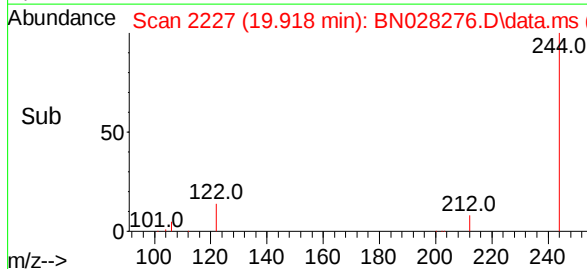
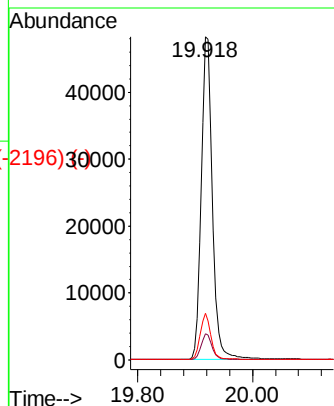
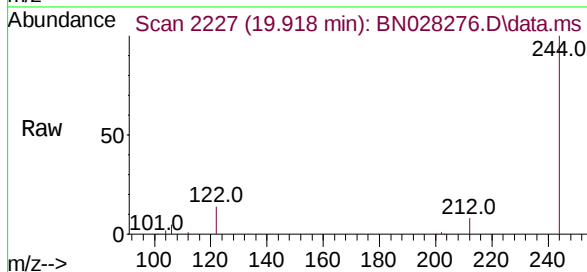
Tgt Ion:244 Resp: 65252

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

122 14.4 11.7 17.5



Abundance Scan 2500 (21.354 min): BN028265.D\data.ms (-2434) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.354 min Scan# 2500

Delta R.T. 0.000 min

Lab File: BN028276.D

Acq: 13 Oct 2023 12:01

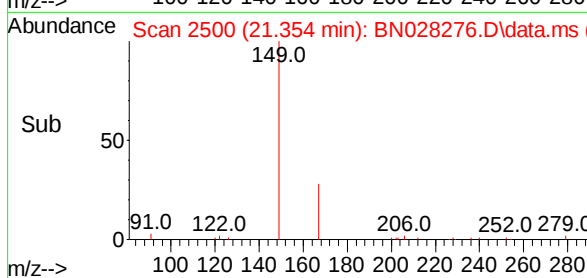
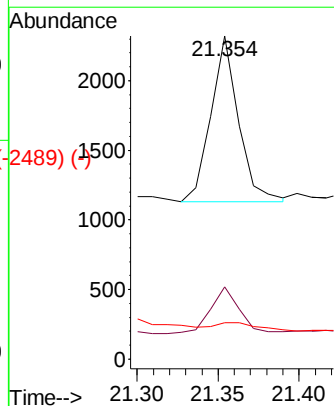
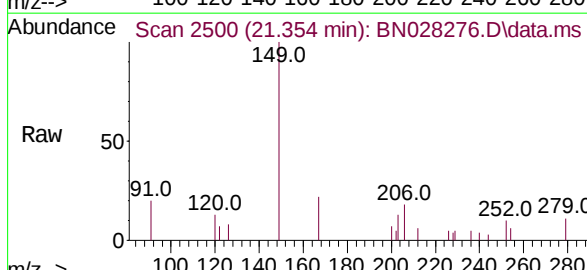
Tgt Ion:149 Resp: 1416

Ion Ratio Lower Upper

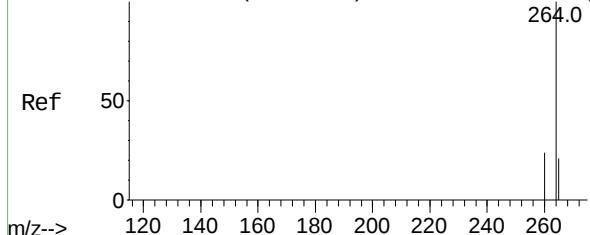
149 100

167 30.4 22.6 34.0

279 8.2 4.2 6.2#



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



Perylene-d12

Concen: 0.400 ng

RT: 23.955 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN028276.D

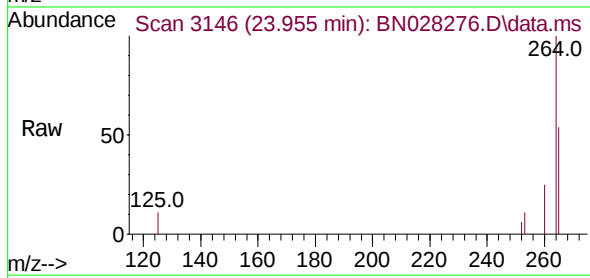
Acq: 13 Oct 2023 12:01

Instrument :

BNA_N

ClientSampleId :

PT-ACIDS-WPDL



Tgt Ion:264 Resp: 14605

Ion Ratio Lower Upper

264 100

260 25.4 20.7 31.1

265 53.8 38.3 57.5

