

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
 Data File : BN025474.D
 Acq On : 18 May 2023 13:59
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: May 18 17:47:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:44:09 2023
 Response via : Initial Calibration

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

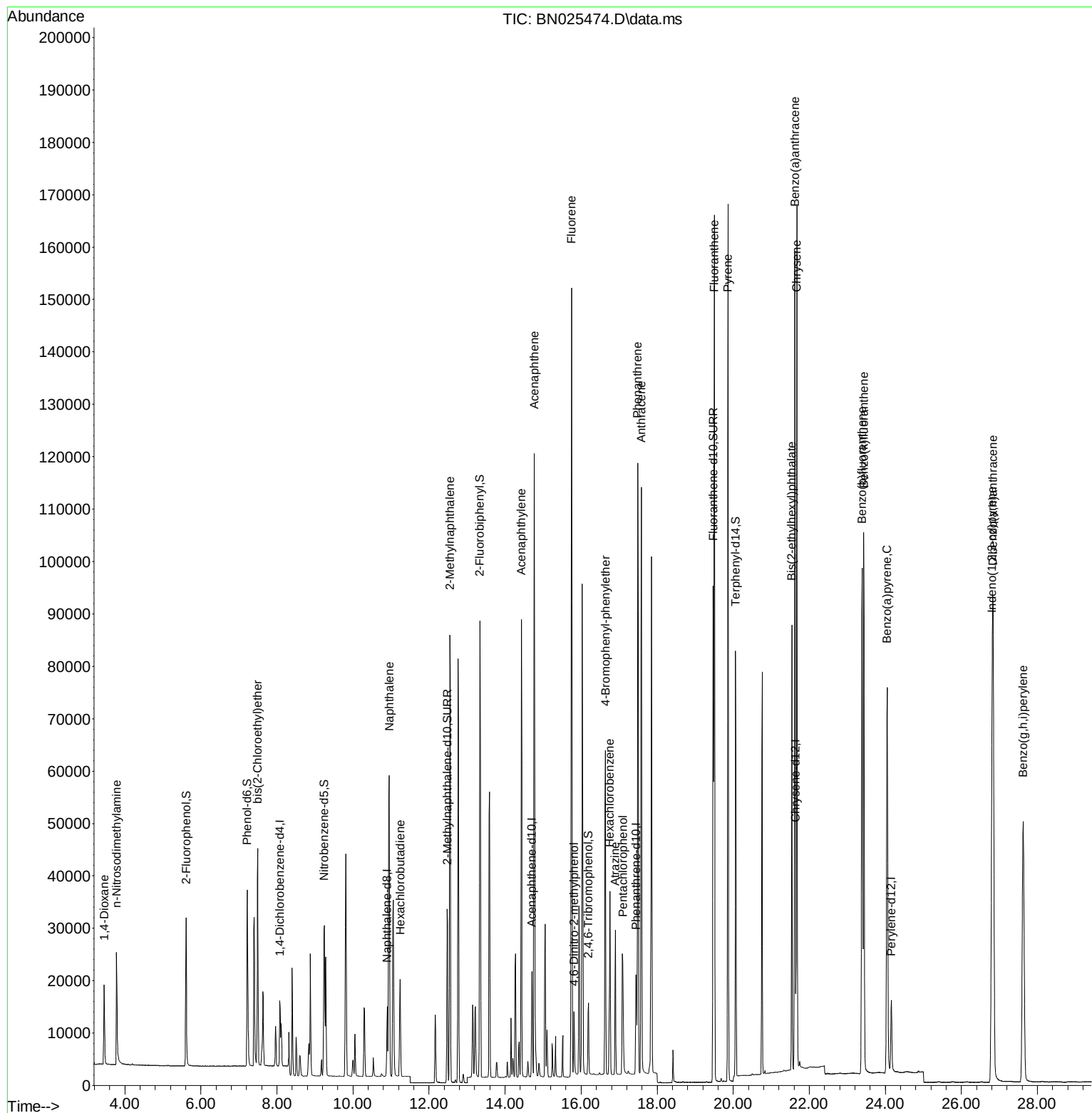
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	6139	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	17372	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	11159	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	24224	0.400	ng	0.00
29) Chrysene-d12	21.638	240	20986	0.400	ng	0.00
35) Perylene-d12	24.157	264	18710	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.614	112	23963	1.729	ng	0.00
5) Phenol-d6	7.218	99	31493	1.771	ng	0.00
8) Nitrobenzene-d5	9.244	82	24765	1.786	ng	0.01
11) 2-Methylnaphthalene-d10	12.479	152	43980	1.821	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	7906	1.817	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	74826	1.753	ng	0.00
27) Fluoranthene-d10	19.473	212	99851	1.785	ng	0.00
31) Terphenyl-d14	20.062	244	69440	1.862	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	10607	1.694	ng	99
3) n-Nitrosodimethylamine	3.780	42	12951	1.877	ng	# 98
6) bis(2-Chloroethyl)ether	7.492	93	30285	1.751	ng	99
9) Naphthalene	10.953	128	79125	1.790	ng	99
10) Hexachlorobutadiene	11.241	225	14867	1.772	ng	# 98
12) 2-Methylnaphthalene	12.551	142	58423	1.828	ng	100
16) Acenaphthylene	14.427	152	92798	1.821	ng	100
17) Acenaphthene	14.769	154	60617	1.804	ng	98
18) Fluorene	15.747	166	75896	1.826	ng	99
20) 4,6-Dinitro-2-methylph...	15.821	198	9558	1.898	ng	# 59
21) 4-Bromophenyl-phenylether	16.641	248	25575	1.794	ng	98
22) Hexachlorobenzene	16.752	284	23620	1.773	ng	99
23) Atrazine	16.901	200	20854	1.797	ng	98
24) Pentachlorophenol	17.100	266	12493	1.860	ng	99
25) Phenanthrene	17.485	178	126383	1.781	ng	100
26) Anthracene	17.584	178	121013	1.822	ng	100
28) Fluoranthene	19.502	202	146626	1.818	ng	100
30) Pyrene	19.865	202	150704	1.800	ng	99
32) Benzo(a)anthracene	21.620	228	132921	1.749	ng	99
33) Chrysene	21.674	228	134039	1.779	ng	100
34) Bis(2-ethylhexyl)phtha...	21.540	149	74679	1.670	ng	99
36) Indeno(1,2,3-cd)pyrene	26.811	276	136082	1.797	ng	100
37) Benzo(b)fluoranthene	23.388	252	127640	1.838	ng	97
38) Benzo(k)fluoranthene	23.435	252	128959	1.824	ng	98
39) Benzo(a)pyrene	24.049	252	118743	1.816	ng	97
40) Dibenzo(a,h)anthracene	26.835	278	109506	1.805	ng	97
41) Benzo(g,h,i)perylene	27.624	276	114175	1.785	ng	99

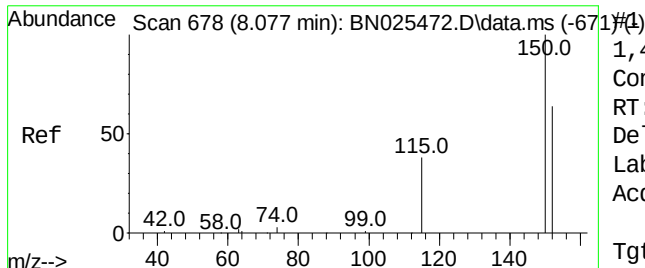
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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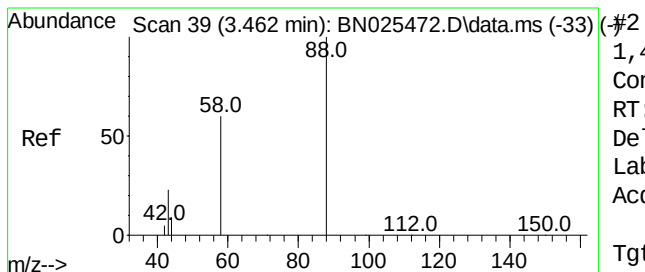
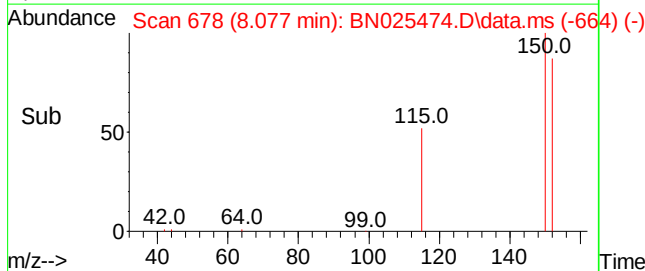
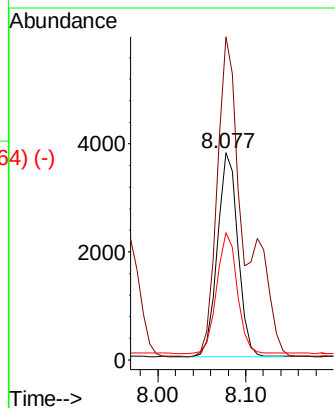
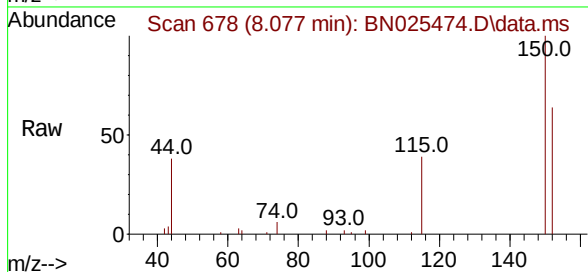




1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.077 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

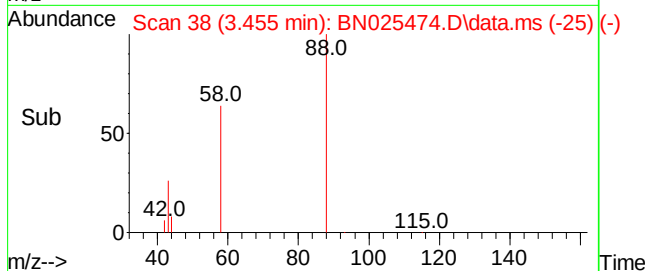
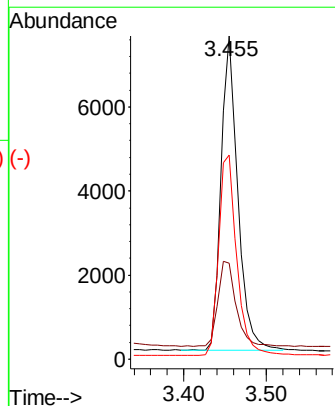
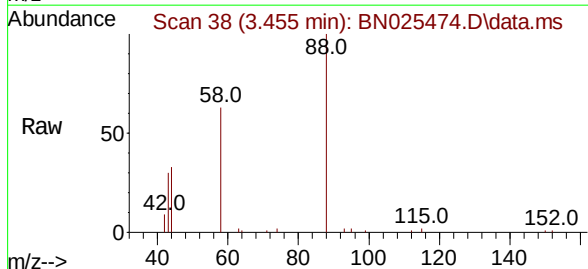
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

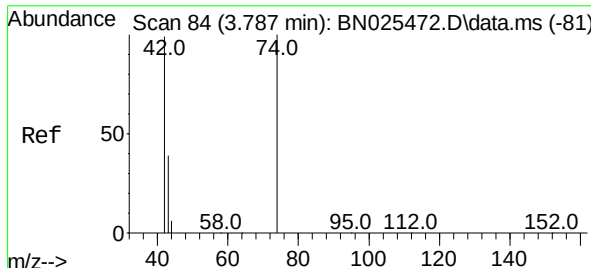
Tgt Ion:	152	Resp:	6139
Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	61.6	50.2	75.2



1,4-Dioxane
 Concen: 1.694 ng
 RT: 3.455 min Scan# 38
 Delta R.T. -0.007 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

Tgt Ion:	88	Resp:	10607
Ion	Ratio	Lower	Upper
88	100		
43	29.3	23.8	35.6
58	68.0	55.1	82.7

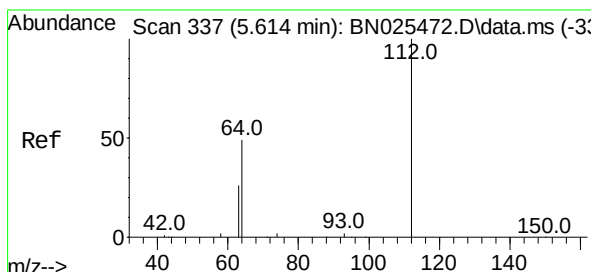
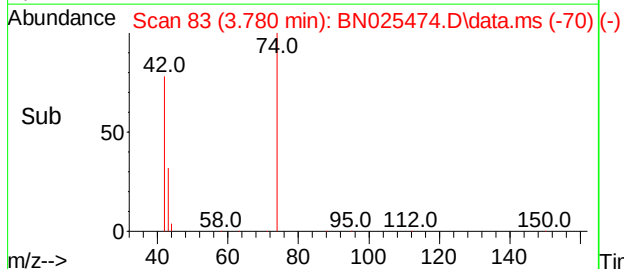
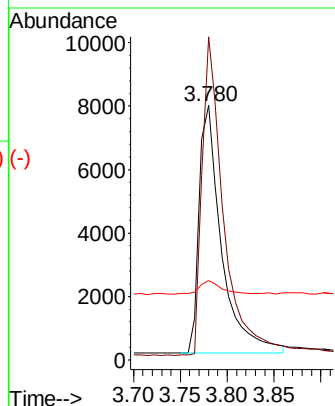
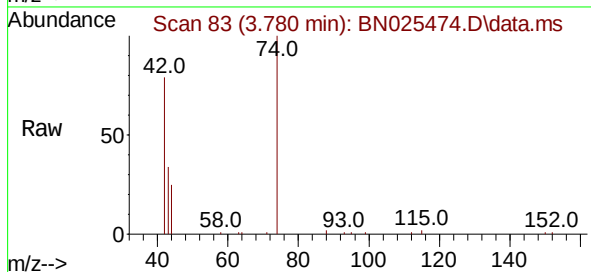




n-Nitrosodimethylamine
 Concen: 1.877 ng
 RT: 3.780 min Scan# 84
 Delta R.T. -0.007 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

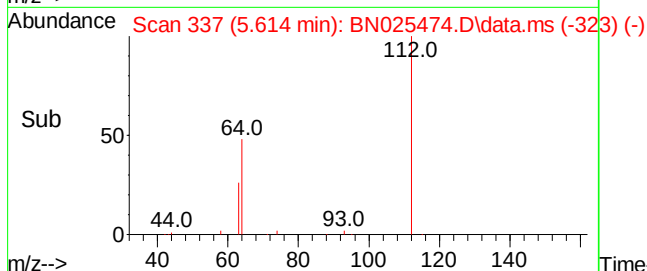
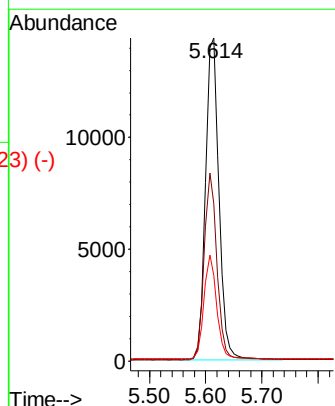
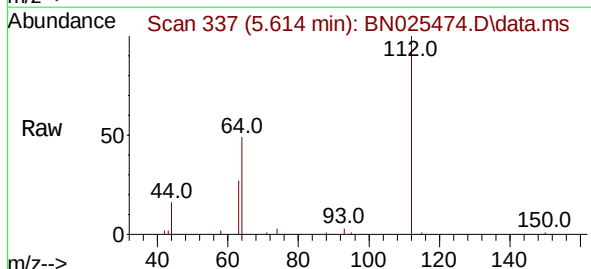
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

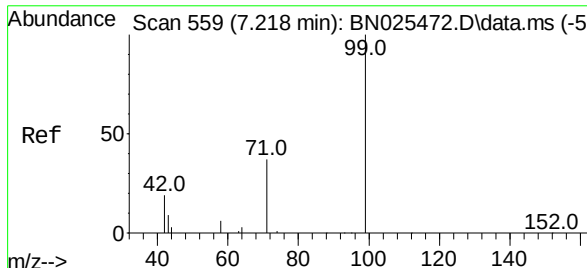
Tgt Ion: 42 Resp: 12951
 Ion Ratio Lower Upper
 42 100
 74 123.8 100.2 150.4
 44 5.5 8.6 12.8#



2-Fluorophenol
 Concen: 1.729 ng
 RT: 5.614 min Scan# 337
 Delta R.T. -0.000 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

Tgt Ion: 112 Resp: 23963
 Ion Ratio Lower Upper
 112 100
 64 55.5 44.0 66.0
 63 30.8 24.0 36.0





Phenol-d6

Concen: 1.771 ng

RT: 7.218 min Scan# 559

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

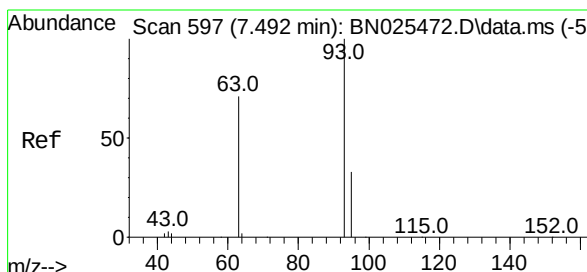
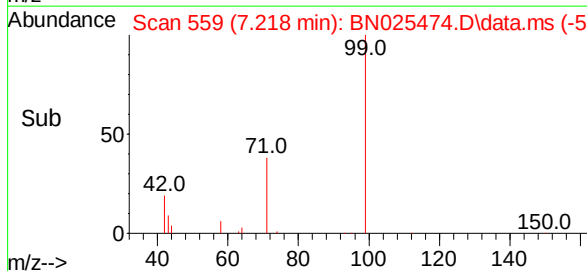
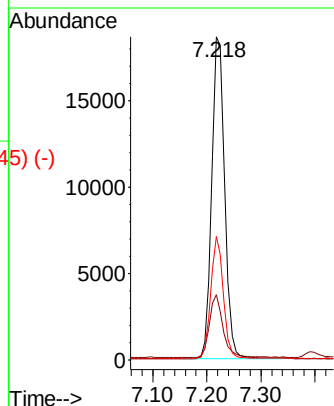
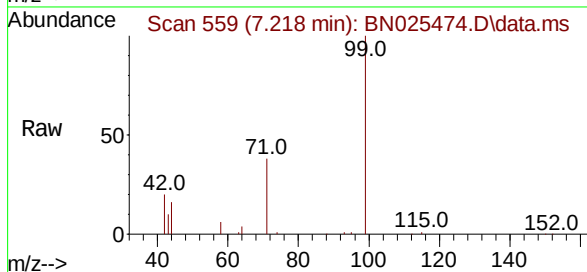
Tgt Ion: 99 Resp: 31493

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.8

71 36.6 28.6 43.0



bis(2-Chloroethyl)ether

Concen: 1.751 ng

RT: 7.492 min Scan# 597

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

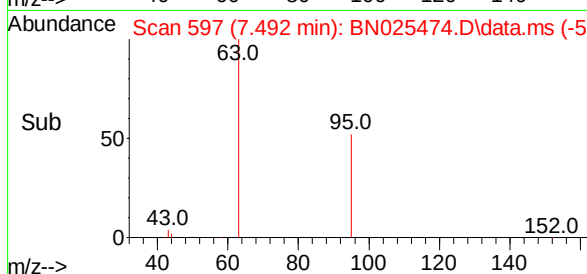
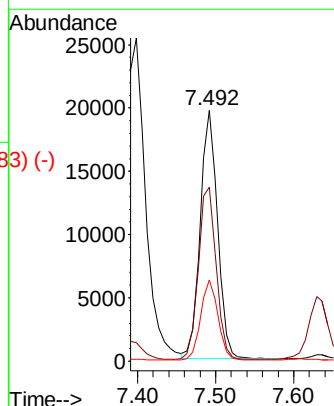
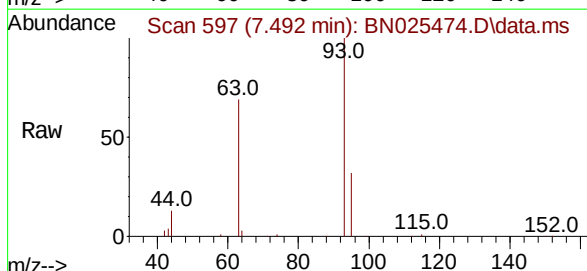
Tgt Ion: 93 Resp: 30285

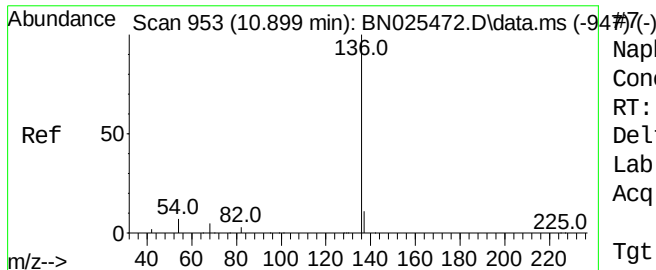
Ion Ratio Lower Upper

93 100

63 71.0 55.8 83.6

95 32.0 25.7 38.5





Naphthalene-d8

Concen: 0.400 ng

RT: 10.899 min Scan#

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:136 Resp: 17372

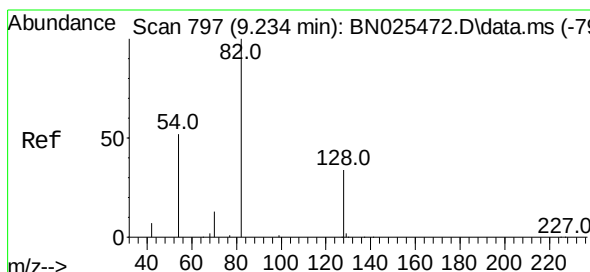
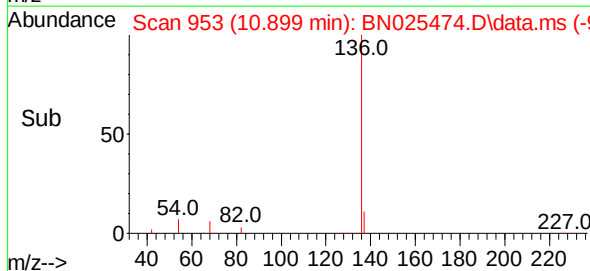
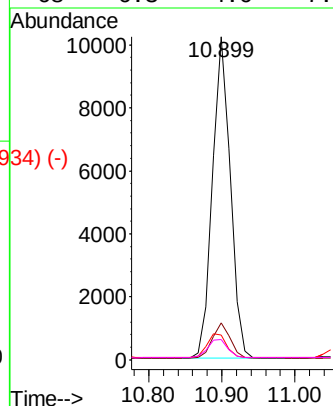
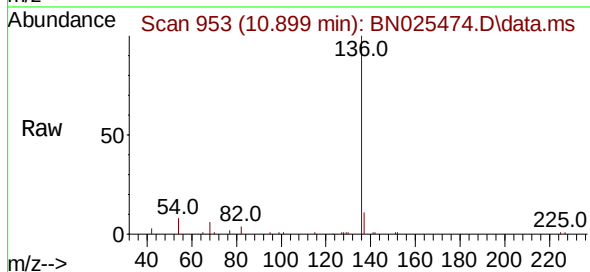
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.8 5.8 8.6

68 6.3 4.6 7.0



Nitrobenzene-d5

Concen: 1.786 ng

RT: 9.244 min Scan# 798

Delta R.T. 0.011 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

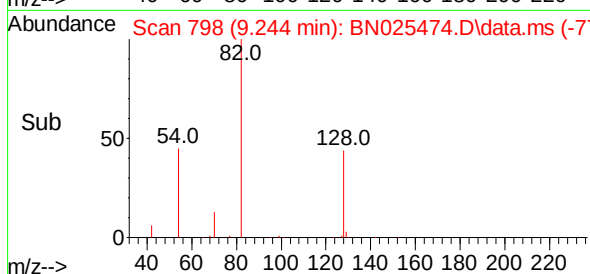
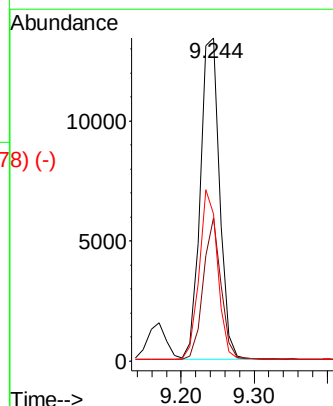
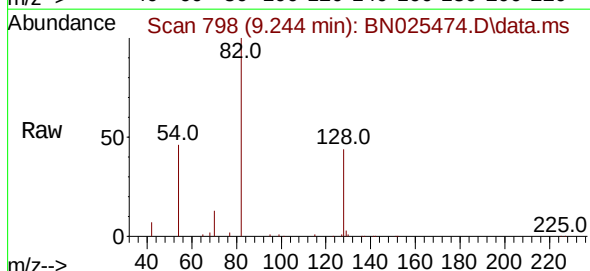
Tgt Ion: 82 Resp: 24765

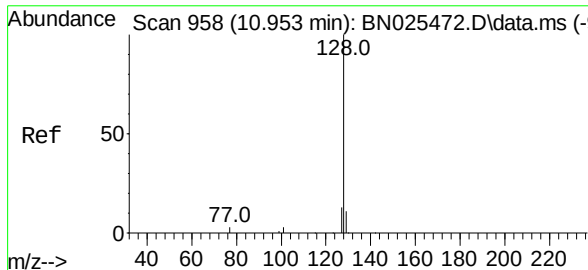
Ion Ratio Lower Upper

82 100

128 44.3 27.9 41.9#

54 45.5 42.4 63.6

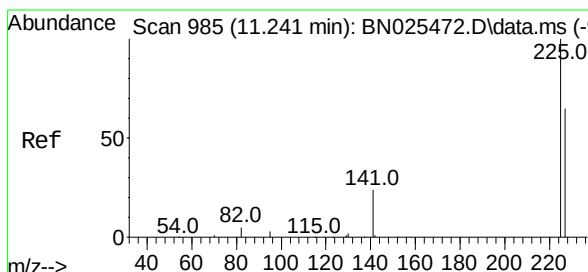
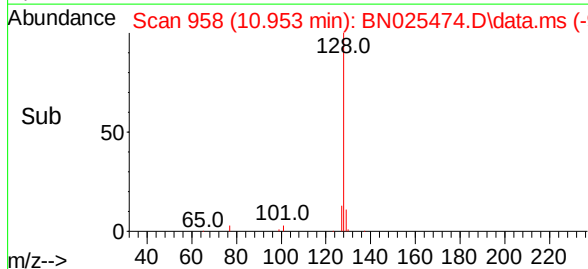
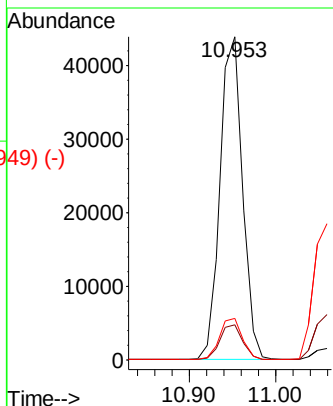
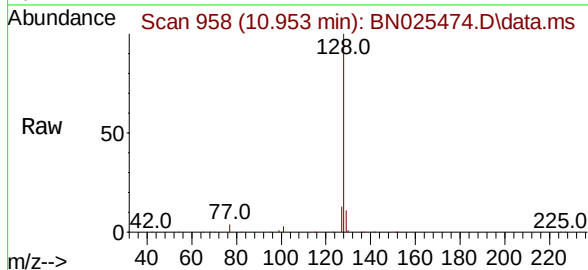




Scan 958 (10.953 min): BN025472.D\data.ms (-957) (-)
 Naphthalene
 Concen: 1.790 ng
 RT: 10.953 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

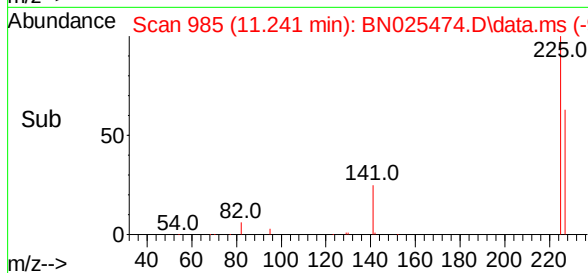
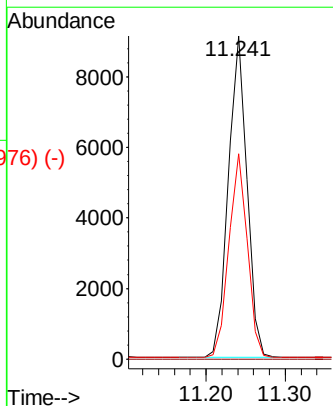
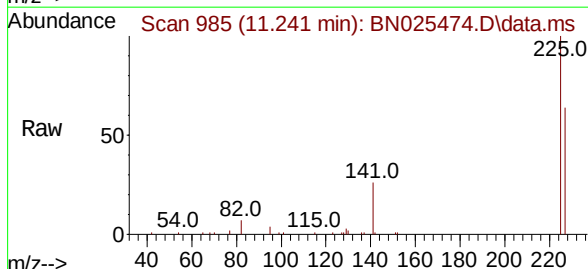
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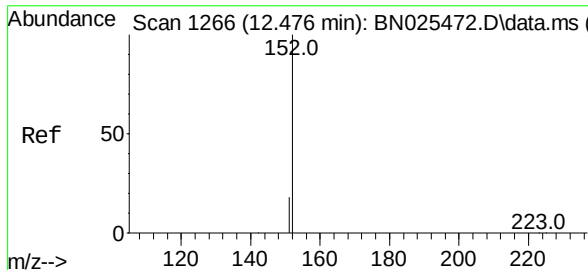
Tgt Ion:	128	Resp:	79125
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.8	10.4	15.6



Scan 985 (11.241 min): BN025472.D\data.ms (-979) (-)
 Hexachlorobutadiene
 Concen: 1.772 ng
 RT: 11.241 min Scan# 985
 Delta R.T. -0.000 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

Tgt Ion:	225	Resp:	14867
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.4	77.2

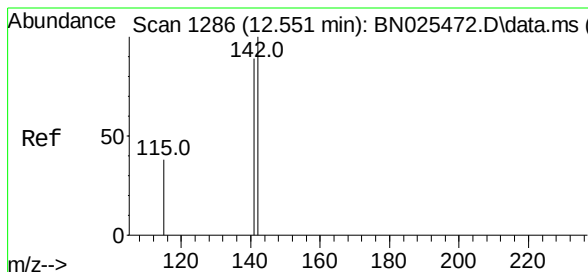
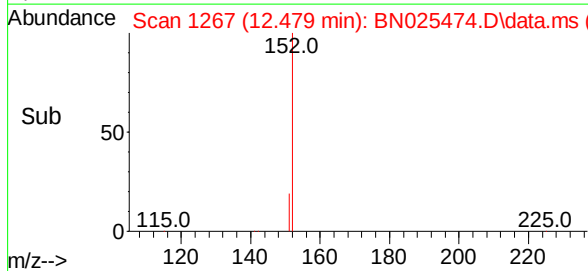
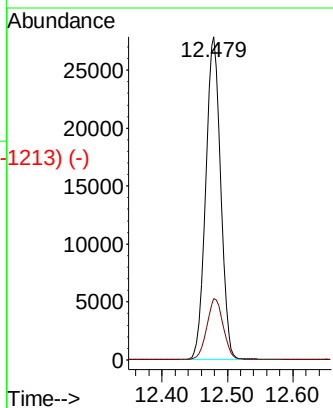
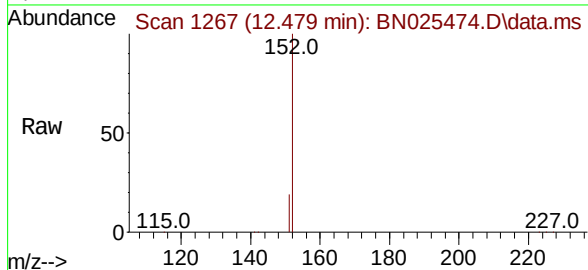




2-Methylnaphthalene-d10
 Concen: 1.821 ng
 RT: 12.479 min Scan# 1266
 Delta R.T. 0.004 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

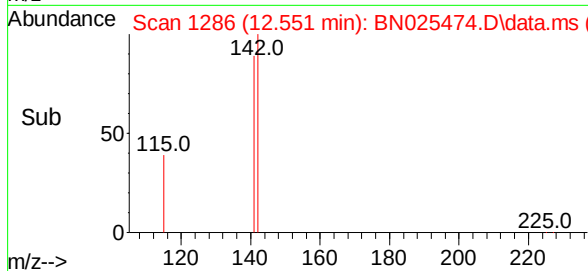
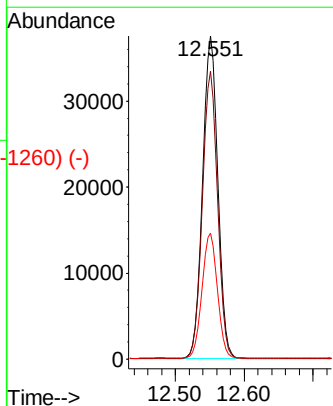
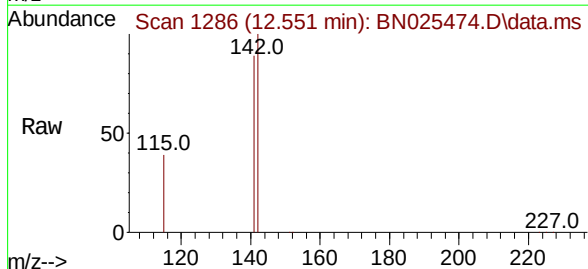
Instrument :
 BNA_N
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Tgt Ion:152 Resp: 43980
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.6 24.8



2-Methylnaphthalene
 Concen: 1.828 ng
 RT: 12.551 min Scan# 1286
 Delta R.T. -0.000 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

Tgt Ion:142 Resp: 58423
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.1 106.7
 115 39.0 31.3 46.9



Abundance Scan 1565 (14.705 min): BN025472.D\data.ms (-1519) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1565

Delta R.T. -0.000 min

Lab File: BN025474.D

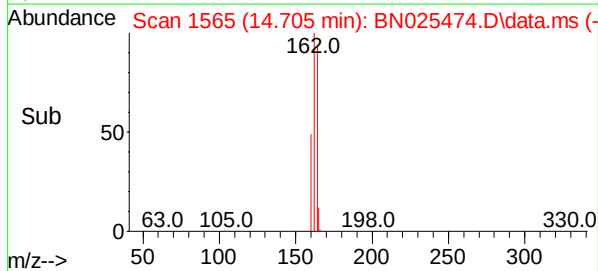
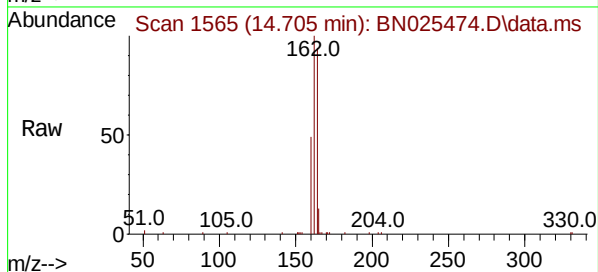
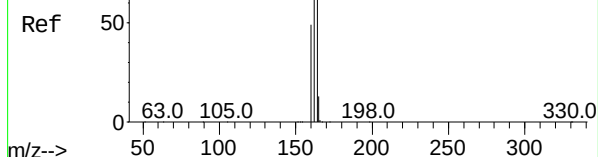
Acq: 18 May 2023 13:59

Instrument :

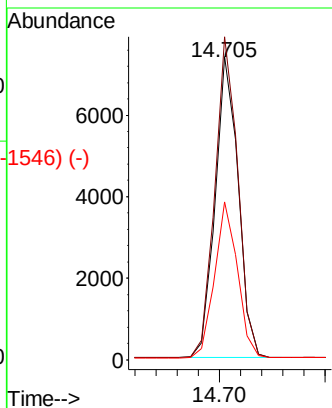
BNA_N

ClientSampleId :

SSTDICC1.6



Tgt Ion:	164	Resp:	11159
Ion	Ratio	Lower	Upper
164	100		
162	106.6	84.2	126.2
160	52.1	41.4	62.2



Abundance Scan 1698 (16.194 min): BN025472.D\data.ms (-1614) (-)

2,4,6-Tribromophenol

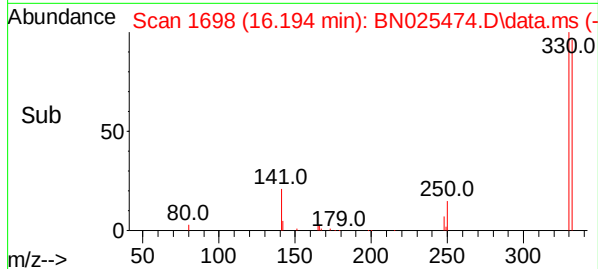
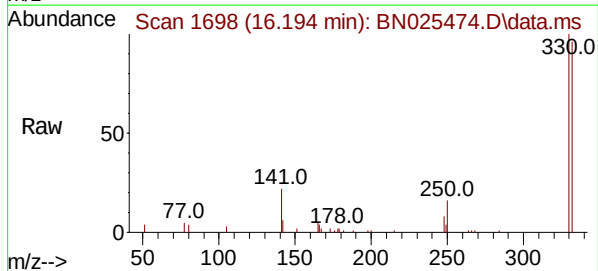
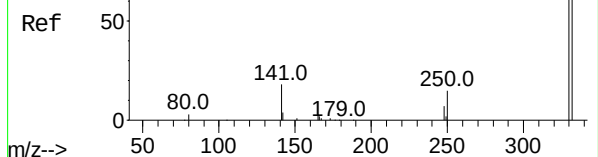
Concen: 1.817 ng

RT: 16.194 min Scan# 1698

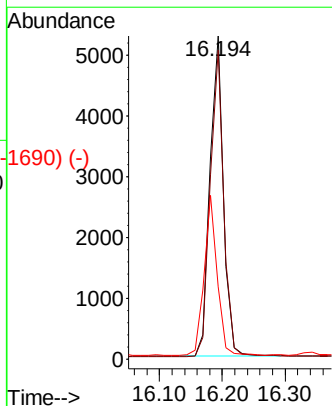
Delta R.T. -0.000 min

Lab File: BN025474.D

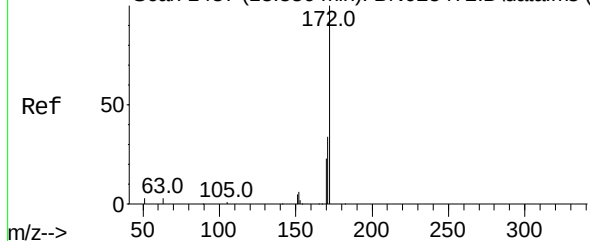
Acq: 18 May 2023 13:59



Tgt Ion:	330	Resp:	7906
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	48.3	36.1	54.1



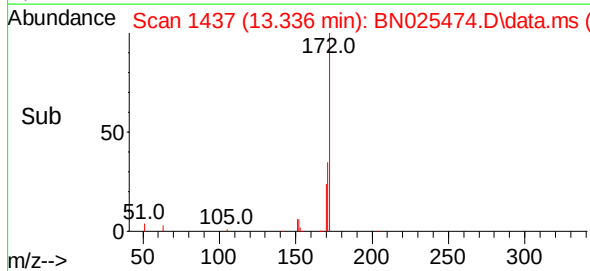
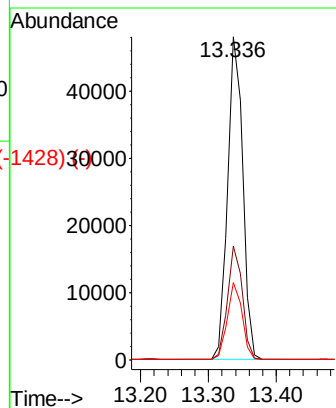
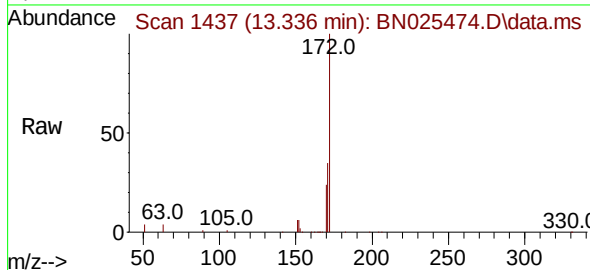
Abundance Scan 1437 (13.336 min): BN025472.D\data.ms (-1435)



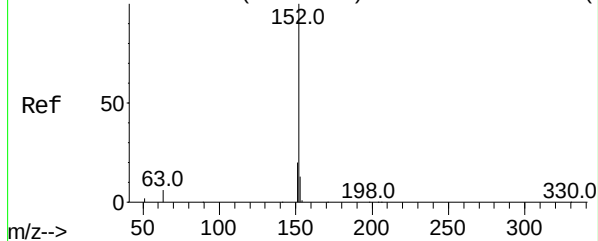
2-Fluorobiphenyl
Concen: 1.753 ng
RT: 13.336 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BN025474.D
Acq: 18 May 2023 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:	172	Resp:	74826
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	24.0	18.9	28.3

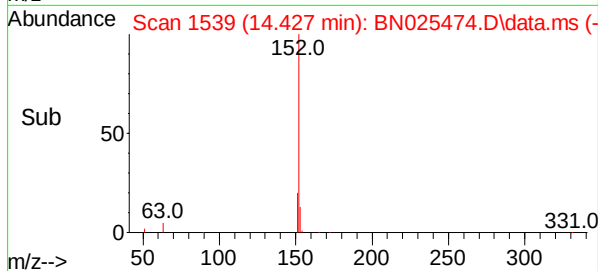
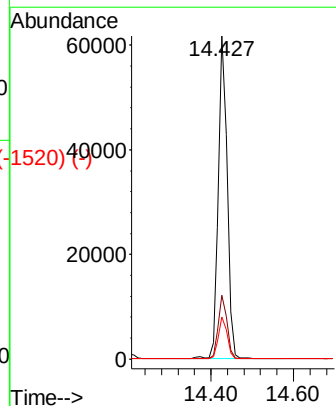
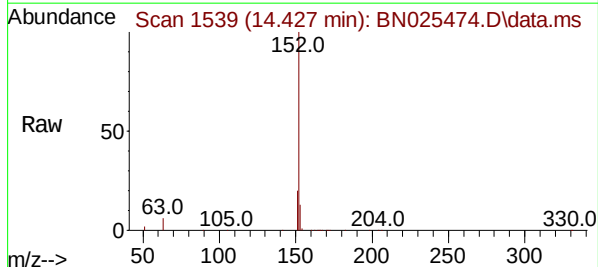


Abundance Scan 1539 (14.427 min): BN025472.D\data.ms (-1536)



Acenaphthylene
Concen: 1.821 ng
RT: 14.427 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BN025474.D
Acq: 18 May 2023 13:59

Tgt Ion:	152	Resp:	92798
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	13.0	10.3	15.5



Abundance Scan 1571 (14.769 min): BN025472.D\data.ms (-1517) (-)

Acenaphthene

Concen: 1.804 ng

RT: 14.769 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BN025474.D

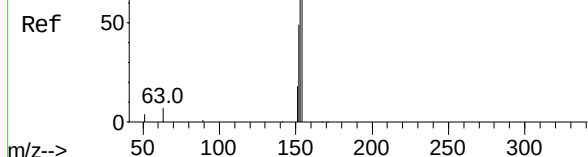
Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



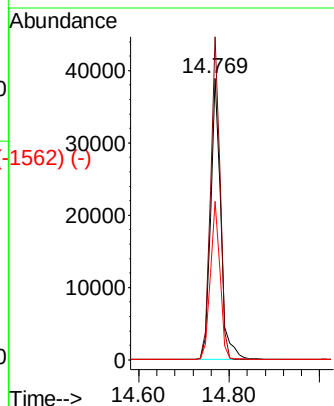
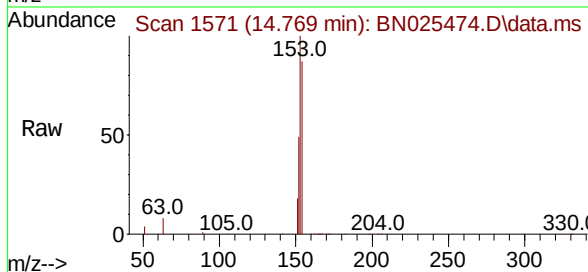
Tgt Ion:154 Resp: 60617

Ion Ratio Lower Upper

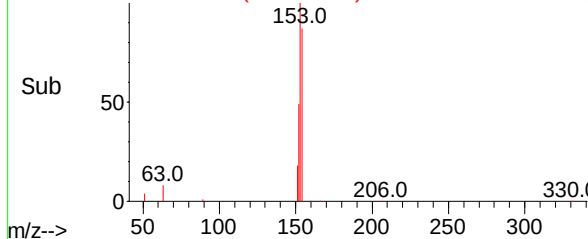
154 100

153 107.3 86.9 130.3

152 53.2 43.9 65.9



Abundance Scan 1571 (14.769 min): BN025474.D\data.ms (-1562) (-)



Abundance Scan 1662 (15.747 min): BN025472.D\data.ms (-1648) (-)

Fluorene

Concen: 1.826 ng

RT: 15.747 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

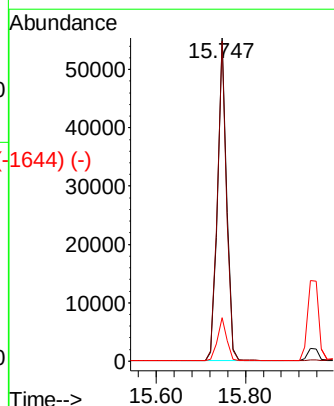
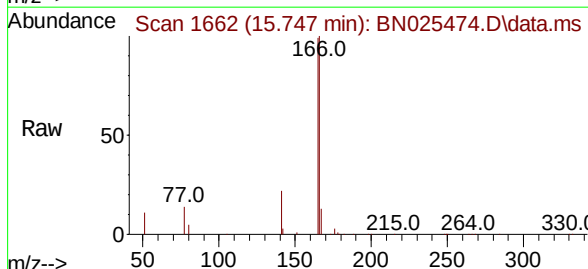
Tgt Ion:166 Resp: 75896

Ion Ratio Lower Upper

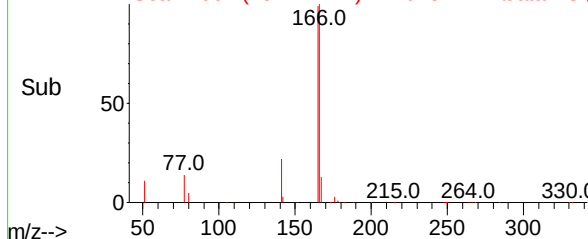
166 100

165 98.6 79.9 119.9

167 13.8 11.2 16.8



Abundance Scan 1662 (15.747 min): BN025474.D\data.ms (-1644) (-)



Abundance Scan 1799 (17.447 min): BN025472.D\data.ms (-1714) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.447 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:188 Resp: 24224

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 8.2 12.4

Abundance Scan 1799 (17.447 min): BN025474.D\data.ms

Ref 50

80.0 141.0 188.0 266.0

m/z-->

Raw 50

80.0 142.0 188.0 249.0 330.0

m/z-->

Abundance Scan 1799 (17.447 min): BN025474.D\data.ms (-1783) (-)

Sub 50

80.0 142.0 188.0 250.0

m/z-->

Abundance

17.447

15000

10000

5000

0

Time-->

Abundance Scan 1667 (15.809 min): BN025472.D\data.ms (-1629) (-)

4,6-Dinitro-2-methylphenol

Concen: 1.898 ng

RT: 15.821 min Scan# 1668

Delta R.T. 0.012 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Tgt Ion:198 Resp: 9558

Ion Ratio Lower Upper

198 100

51 21.3 42.2 63.2#

105 24.8 41.0 61.6#

Abundance Scan 1668 (15.821 min): BN025474.D\data.ms

Ref 50

51.0 105.0 151.0 198.0 249.0 330.0

m/z-->

Raw 50

51.0 105.0 151.0 198.0 249.0 330.0

m/z-->

Abundance Scan 1668 (15.821 min): BN025474.D\data.ms (-1659) (-)

Sub 50

51.0 105.0 151.0 198.0 266.0

m/z-->

Abundance

15.821

15000

10000

5000

0

Time-->

Abundance Scan 1734 (16.641 min): BN025472.D\data.ms (-1729) (-)

4-Bromophenyl-phenylether

Concen: 1.794 ng

RT: 16.641 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BN025474.D

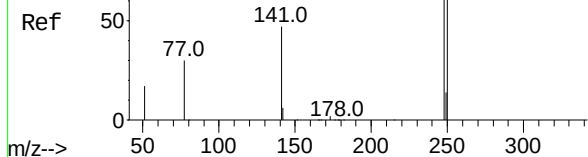
Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



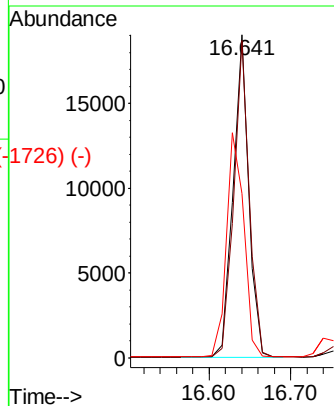
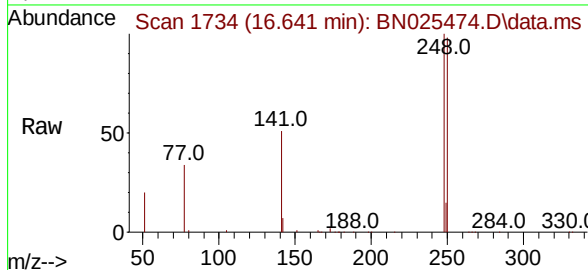
Tgt Ion:248 Resp: 25575

Ion Ratio Lower Upper

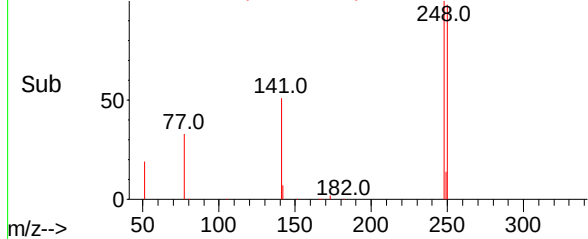
248 100

250 98.3 79.8 119.8

141 50.9 38.7 58.1



Abundance Scan 1734 (16.641 min): BN025474.D\data.ms (-1726) (-)



Abundance Scan 1743 (16.752 min): BN025472.D\data.ms (-1729) (-)

Hexachlorobenzene

Concen: 1.773 ng

RT: 16.752 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

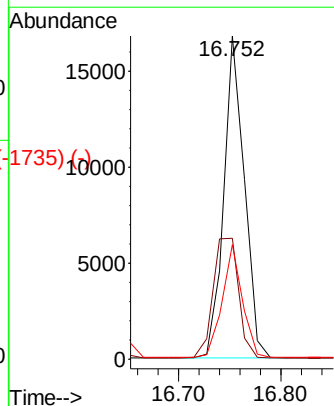
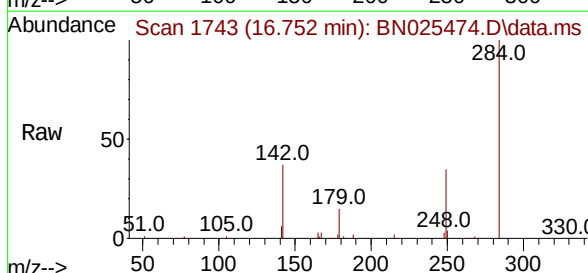
Tgt Ion:284 Resp: 23620

Ion Ratio Lower Upper

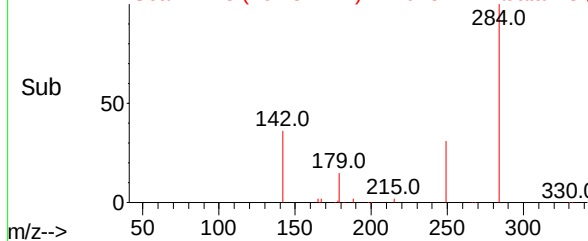
284 100

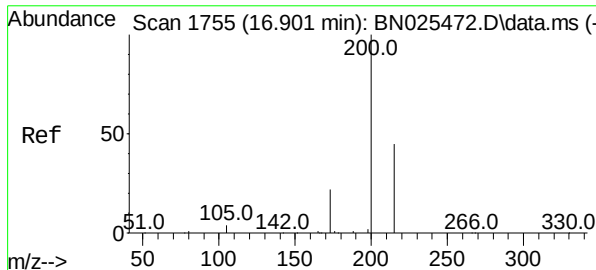
142 45.8 36.0 54.0

249 34.1 27.8 41.6



Abundance Scan 1743 (16.752 min): BN025474.D\data.ms (-1735) (-)

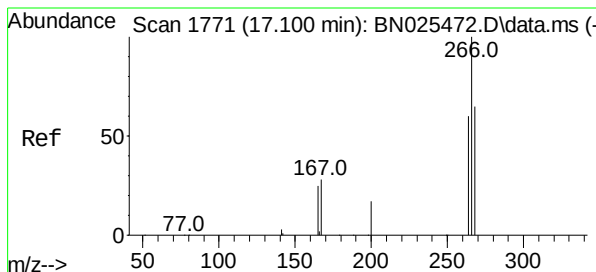
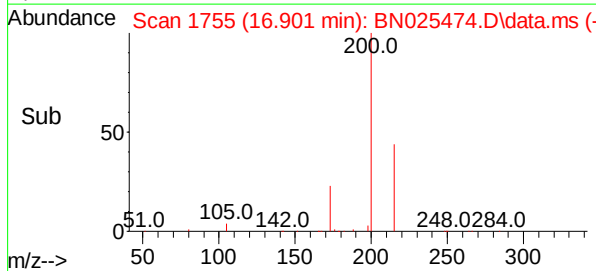
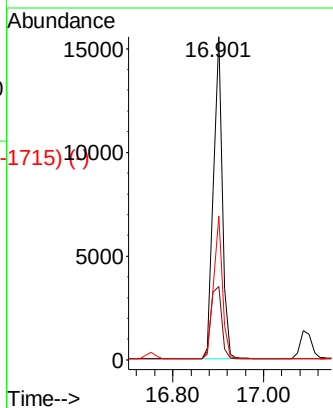
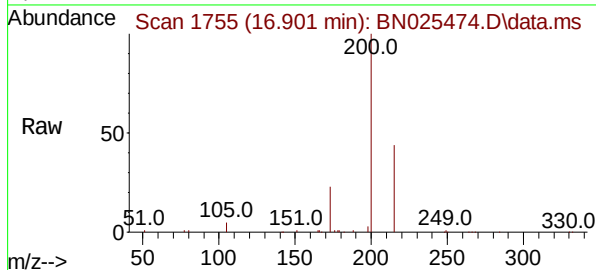




Scan 1755 (16.901 min): BN025472.D\data.ms (-1728) (-)
 Atrazine
 Concen: 1.797 ng
 RT: 16.901 min Scan# 1728
 Delta R.T. -0.000 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

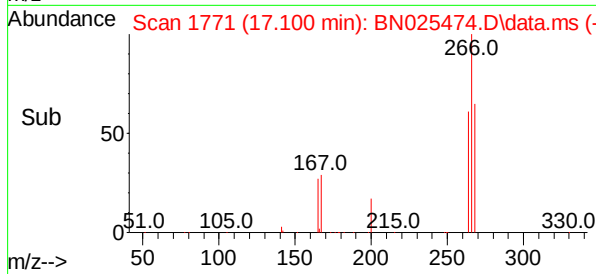
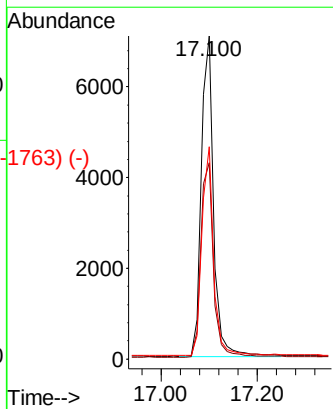
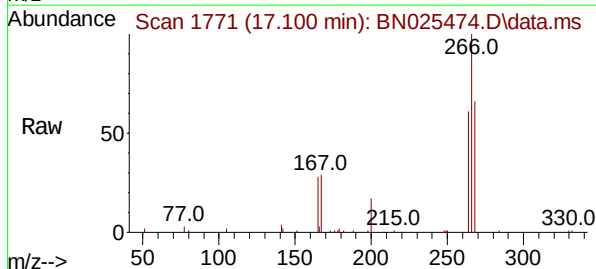
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Tgt Ion:	200	Resp:	20854
Ion Ratio	Lower	Upper	
200	100		
173	22.8	18.6	27.8
215	44.5	36.9	55.3

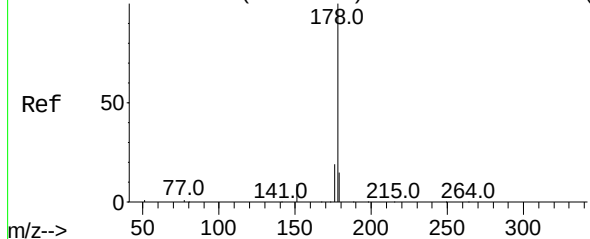


Scan 1771 (17.100 min): BN025472.D\data.ms (-1728) (-)
 Pentachlorophenol
 Concen: 1.860 ng
 RT: 17.100 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: BN025474.D
 Acq: 18 May 2023 13:59

Tgt Ion:	266	Resp:	12493
Ion Ratio	Lower	Upper	
266	100		
264	62.7	49.8	74.8
268	63.0	51.0	76.6



Abundance Scan 1802 (17.485 min): BN025472.D\data.ms (-1725) (-)



Phenanthrene

Concen: 1.781 ng

RT: 17.485 min Scan#

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

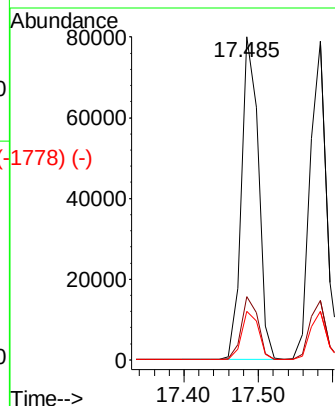
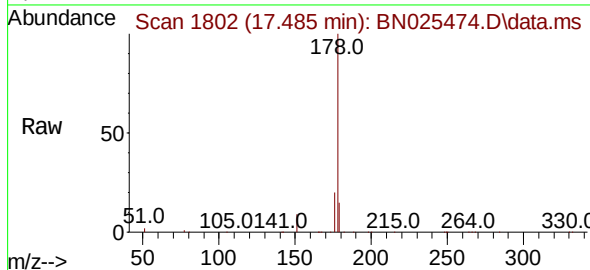
Tgt Ion:178 Resp: 126383

Ion Ratio Lower Upper

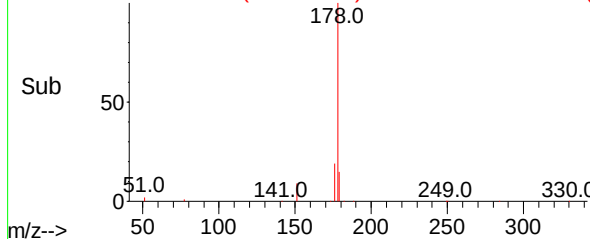
178 100

176 19.2 15.4 23.0

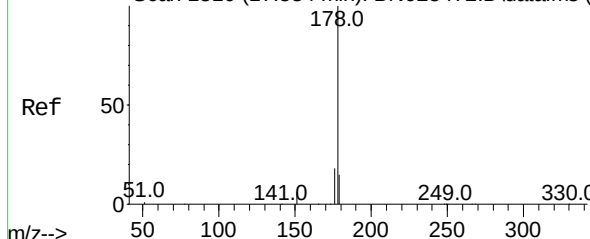
179 15.2 12.1 18.1



Abundance Scan 1802 (17.485 min): BN025474.D\data.ms (-1778) (-)



Abundance Scan 1810 (17.584 min): BN025472.D\data.ms (-1826) (-)



Anthracene

Concen: 1.822 ng

RT: 17.584 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

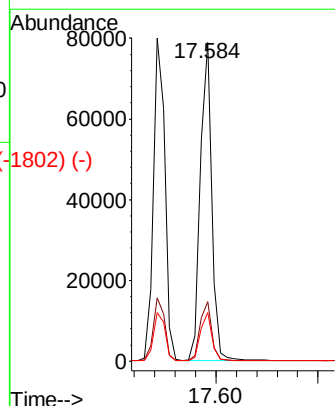
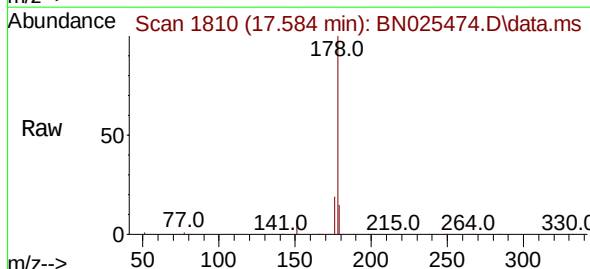
Tgt Ion:178 Resp: 121013

Ion Ratio Lower Upper

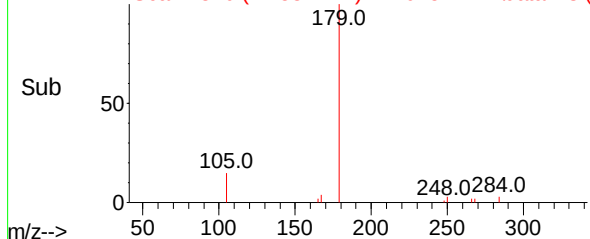
178 100

176 18.8 15.0 22.6

179 15.1 12.1 18.1



Abundance Scan 1810 (17.584 min): BN025474.D\data.ms (-1802) (-)



Abundance Scan 2192 (19.473 min): BN025472.D\data.ms (-2128) (-)

Fluoranthene-d10

Concen: 1.785 ng

RT: 19.473 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:212 Resp: 99851

Ion Ratio Lower Upper

212 100

106 14.3 11.4 17.2

104 8.2 6.6 10.0

Abundance Scan 2192 (19.473 min): BN025474.D\data.ms

Ref 50

106.0

212.0

244.0

m/z-->

100 120 140 160 180 200 220 240

Abundance Scan 2192 (19.473 min): BN025474.D\data.ms (-2168) (-)

Sub 50

106.0

212.0

m/z-->

100 120 140 160 180 200 220 240

Abundance

19.473

60000

40000

20000

0

Time-->

19.40 19.60

Abundance Scan 2199 (19.502 min): BN025472.D\data.ms (-2129) (-)

Fluoranthene

Concen: 1.818 ng

RT: 19.502 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Tgt Ion:202 Resp: 146626

Ion Ratio Lower Upper

202 100

101 10.8 8.7 13.1

203 17.2 13.8 20.6

Abundance Scan 2199 (19.502 min): BN025474.D\data.ms

Ref 50

101.0

202.0

244.0

m/z-->

100 120 140 160 180 200 220 240

Abundance Scan 2199 (19.502 min): BN025474.D\data.ms (-2152) (-)

Sub 50

101.0

202.0

m/z-->

100 120 140 160 180 200 220 240

Abundance

19.502

100000

80000

60000

40000

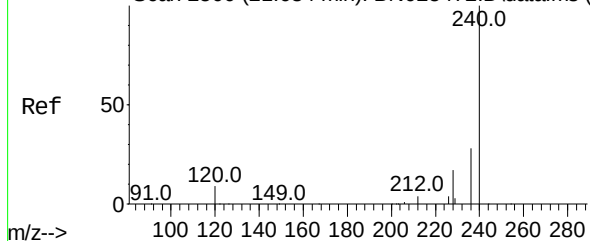
20000

0

Time-->

19.40 19.60

Abundance Scan 2500 (21.634 min): BN025472.D\data.ms (-2478) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.638 min Scan# 2500

Delta R.T. 0.004 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:240 Resp: 20986

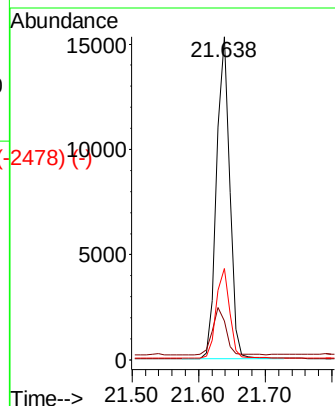
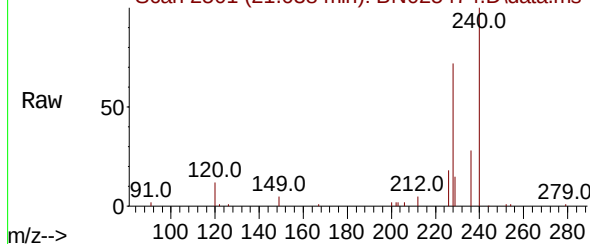
Ion Ratio Lower Upper

240 100

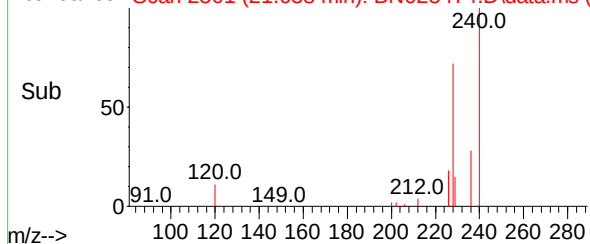
120 12.0 8.6 12.8

236 28.3 22.7 34.1

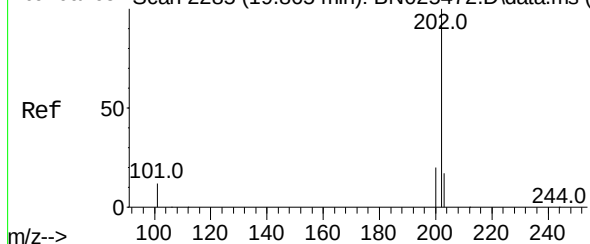
Abundance Scan 2501 (21.638 min): BN025474.D\data.ms



Abundance Scan 2501 (21.638 min): BN025474.D\data.ms (-2478) (-)



Abundance Scan 2285 (19.865 min): BN025472.D\data.ms (-2238) (-)



Pyrene

Concen: 1.800 ng

RT: 19.865 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Tgt Ion:202 Resp: 150704

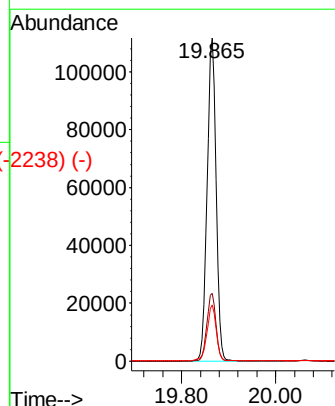
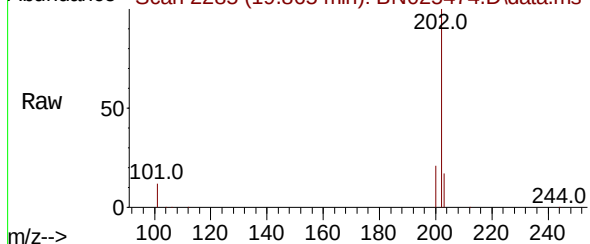
Ion Ratio Lower Upper

202 100

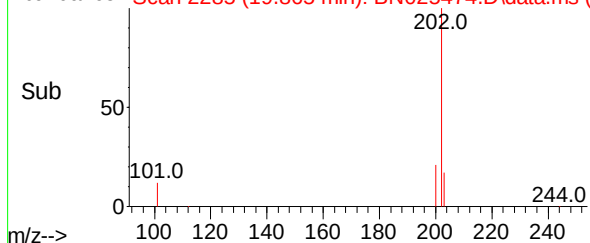
200 20.7 16.8 25.2

203 17.3 14.2 21.4

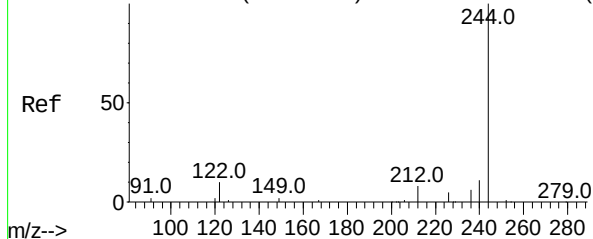
Abundance Scan 2285 (19.865 min): BN025474.D\data.ms



Abundance Scan 2285 (19.865 min): BN025474.D\data.ms (-2238) (-)



Abundance Scan 2325 (20.067 min): BN025472.D\data.ms (-2325) (-)



Terphenyl-d14

Concen: 1.862 ng

RT: 20.062 min Scan# 2325

Delta R.T. -0.005 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

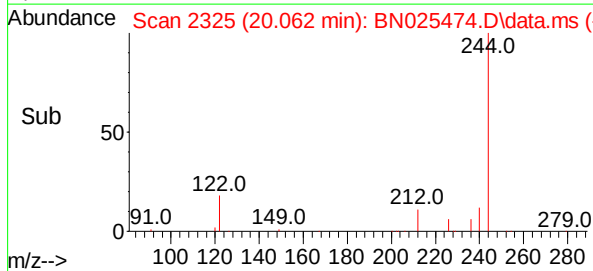
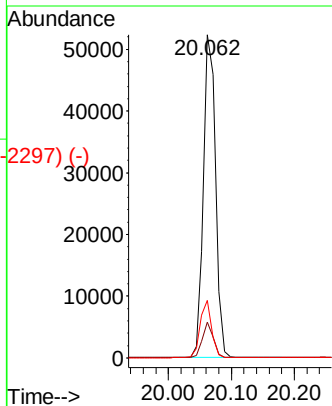
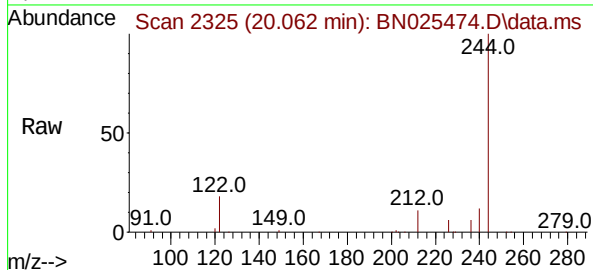
Tgt Ion:244 Resp: 69440

Ion Ratio Lower Upper

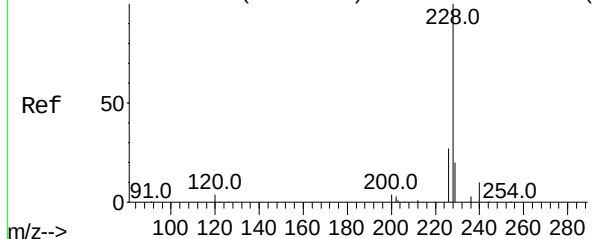
244 100

212 11.0 6.6 10.0#

122 17.8 8.1 12.1#



Abundance Scan 2498 (21.616 min): BN025472.D\data.ms (-2498) (-)



Benzo(a)anthracene

Concen: 1.749 ng

RT: 21.620 min Scan# 2499

Delta R.T. 0.004 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

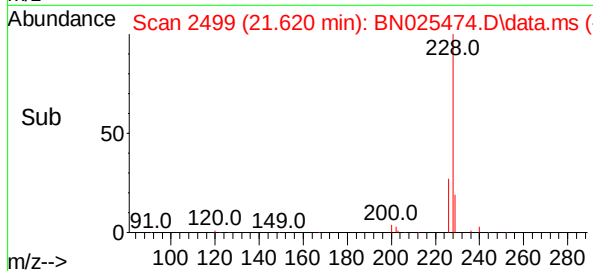
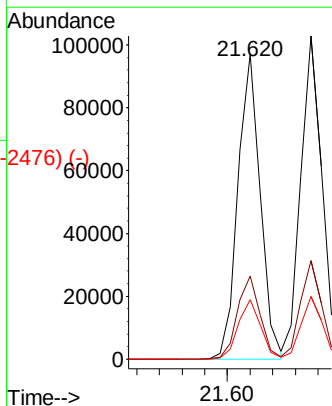
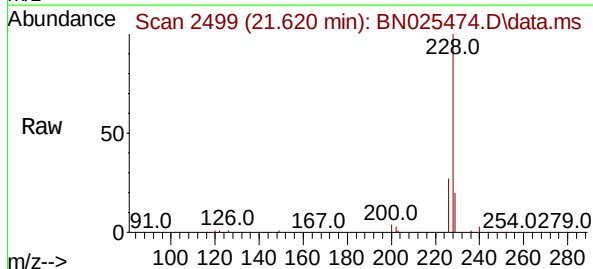
Tgt Ion:228 Resp: 132921

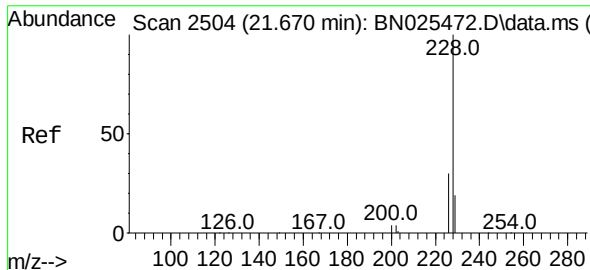
Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.5 15.8 23.8

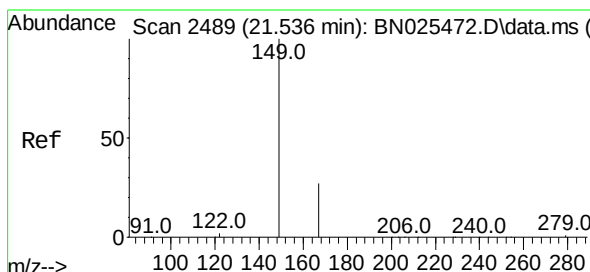
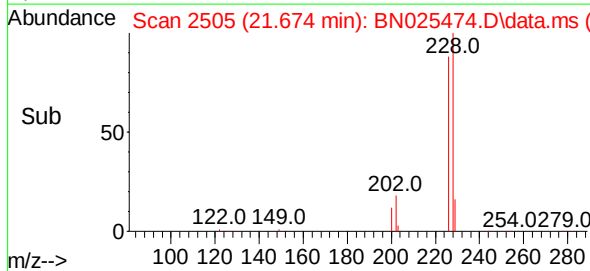
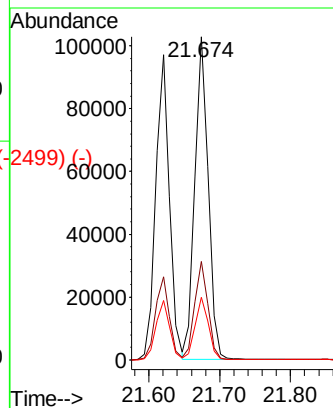
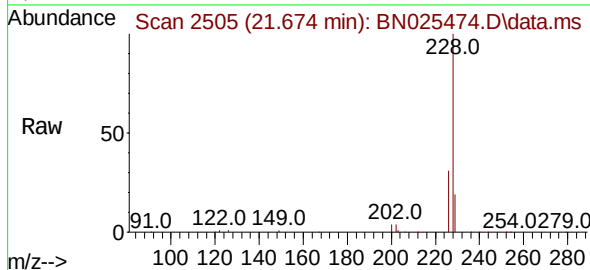




Chrysene
Concen: 1.779 ng
RT: 21.674 min Scan# 2504
Delta R.T. 0.004 min
Lab File: BN025474.D
Acq: 18 May 2023 13:59

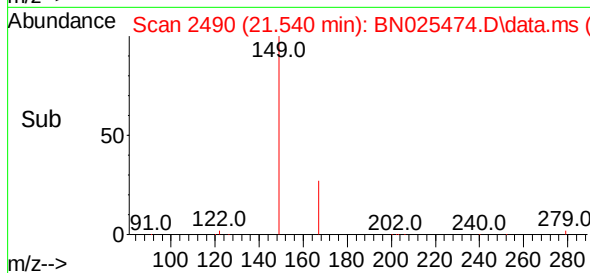
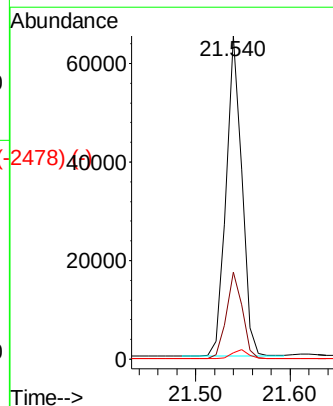
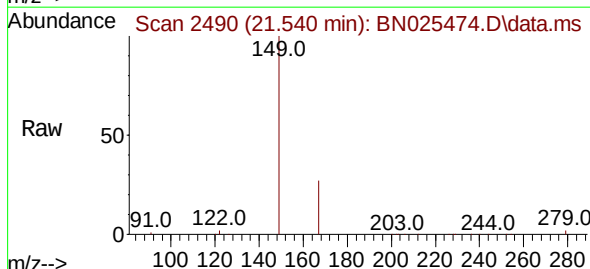
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:	228	Resp:	134039
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.4	15.4	23.2



Bis(2-ethylhexyl)phthalate
Concen: 1.670 ng
RT: 21.540 min Scan# 2490
Delta R.T. 0.004 min
Lab File: BN025474.D
Acq: 18 May 2023 13:59

Tgt Ion:	149	Resp:	74679
Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.0	33.0
279	2.9	2.6	3.8



Abundance Scan 3181 (24.144 min): BN025472.D\data.ms (-3135) (-)

Perylene-d12

Concen: 0.400 ng

RT: 24.157 min Scan# 4135

Delta R.T. 0.013 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:264 Resp: 18710

Ion Ratio Lower Upper

264 100

260 26.7 21.2 31.8

265 35.7 27.1 40.7

Abundance Scan 3185 (24.157 min): BN025474.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

Abundance Scan 3185 (24.157 min): BN025474.D\data.ms (-3129) (-)

Ref 50

264.0

Sub 50

125.0

m/z-->

Abundance

24.157

8000

6000

4000

2000

0

Time-->

Abundance Scan 4079 (26.769 min): BN025472.D\data.ms (-4048) (-)

Indeno(1,2,3-cd)pyrene

Concen: 1.797 ng

RT: 26.811 min Scan# 4093

Delta R.T. 0.042 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Tgt Ion:276 Resp: 136082

Ion Ratio Lower Upper

276 100

138 27.4 21.8 32.6

277 24.8 19.7 29.5

Abundance Scan 4093 (26.811 min): BN025474.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

Abundance Scan 4093 (26.811 min): BN025474.D\data.ms (-4044) (-)

Ref 50

276.0

Sub 50

138.0

m/z-->

Abundance

26.811

30000

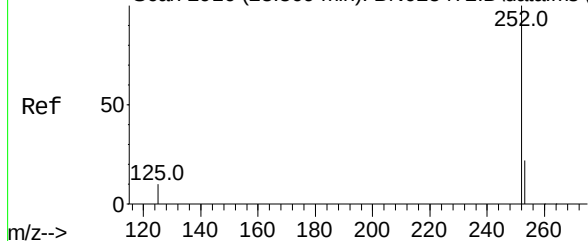
20000

10000

0

Time-->

Abundance Scan 2916 (23.369 min): BN025472.D\data.ms (-2847) (-)



Benzo(b)fluoranthene

Concen: 1.838 ng

RT: 23.388 min Scan# 2916

Delta R.T. 0.019 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

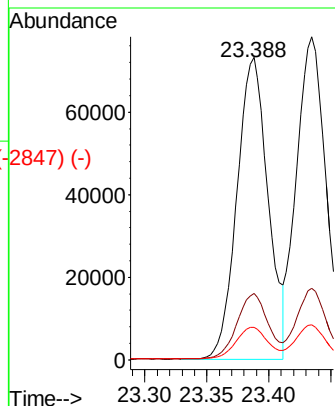
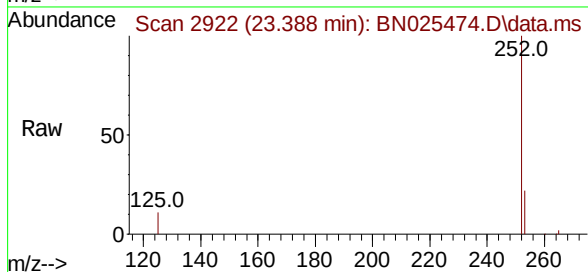
Tgt Ion:252 Resp: 127640

Ion Ratio Lower Upper

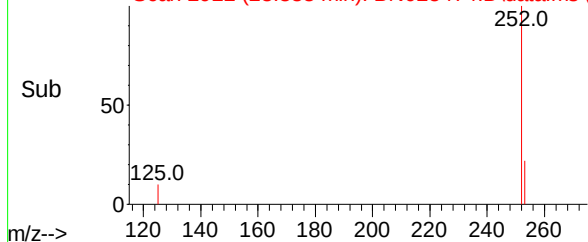
252 100

253 22.1 18.8 28.2

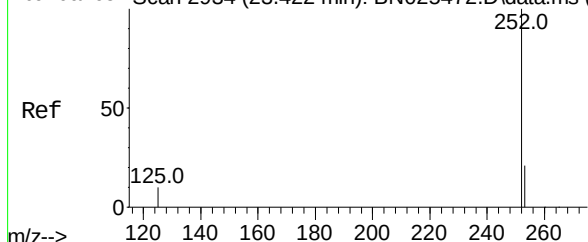
125 10.8 9.6 14.4



Abundance Scan 2922 (23.388 min): BN025474.D\data.ms (-2847) (-)



Abundance Scan 2934 (23.422 min): BN025472.D\data.ms (-2928) (-)



Benzo(k)fluoranthene

Concen: 1.824 ng

RT: 23.435 min Scan# 2938

Delta R.T. 0.013 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

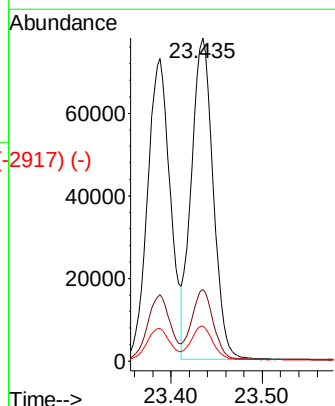
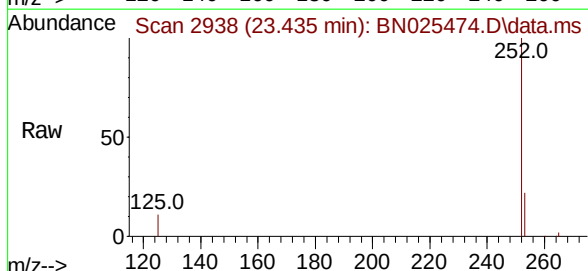
Tgt Ion:252 Resp: 128959

Ion Ratio Lower Upper

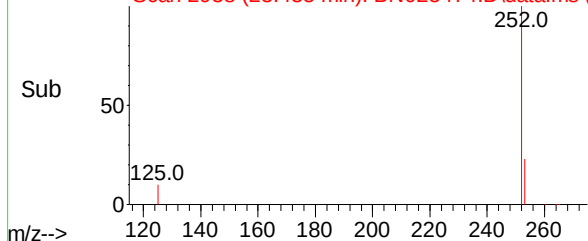
252 100

253 22.2 18.4 27.6

125 10.9 9.8 14.8



Abundance Scan 2938 (23.435 min): BN025474.D\data.ms (-2917) (-)



Abundance Scan 3141 (24.027 min): BN025472.D\data.ms (-3129) (-)

Benzo(a)pyrene

Concen: 1.816 ng

RT: 24.049 min Scan# 4129

Delta R.T. 0.022 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tgt Ion:252 Resp: 118743

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

125 12.0 11.0 16.6

Abundance Scan 3148 (24.049 min): BN025474.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 3148 (24.049 min): BN025474.D\data.ms (-3072) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

50000

40000

30000

20000

10000

0

24.049

Time-->

24.00 24.20

Abundance Scan 4088 (26.796 min): BN025472.D\data.ms (-4051) (-)

Dibenzo(a,h)anthracene

Concen: 1.805 ng

RT: 26.835 min Scan# 4101

Delta R.T. 0.039 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

Tgt Ion:278 Resp: 109506

Ion Ratio Lower Upper

278 100

139 18.5 15.0 22.6

279 23.1 20.5 30.7

Abundance Scan 4101 (26.835 min): BN025474.D\data.ms

Ref 50

138.0

278.0

Raw 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 4101 (26.835 min): BN025474.D\data.ms (-4053) (-)

Ref 50

138.0

278.0

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

30000

20000

10000

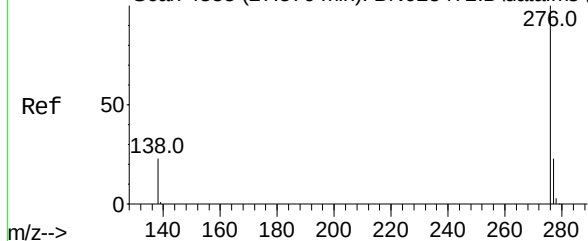
0

26.835

Time-->

26.80 27.00

Abundance Scan 4355 (27.576 min): BN025472.D\data.ms (-4355) (-)



Benzo(g,h,i)perylene

Concen: 1.785 ng

RT: 27.624 min Scan# 4371

Delta R.T. 0.048 min

Lab File: BN025474.D

Acq: 18 May 2023 13:59

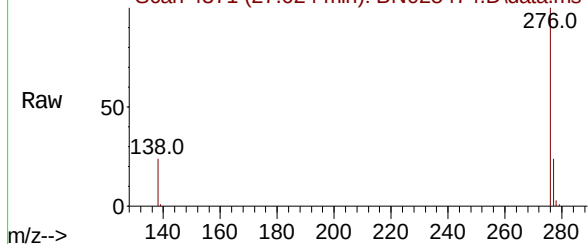
Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Abundance Scan 4371 (27.624 min): BN025474.D\data.ms



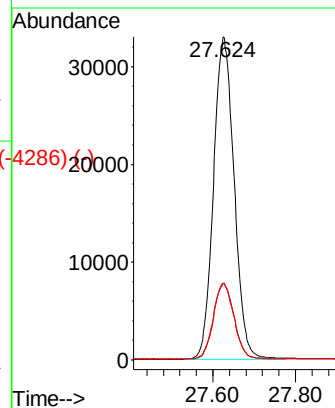
Tgt Ion:276 Resp: 114175

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 23.7 19.2 28.8



Abundance Scan 4371 (27.624 min): BN025474.D\data.ms (-4286) (-)

