

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
 Data File : BN018489.D
 Acq On : 27 Jan 2022 14:27
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jan 28 02:38:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 28 02:35:57 2022
 Response via : Initial Calibration

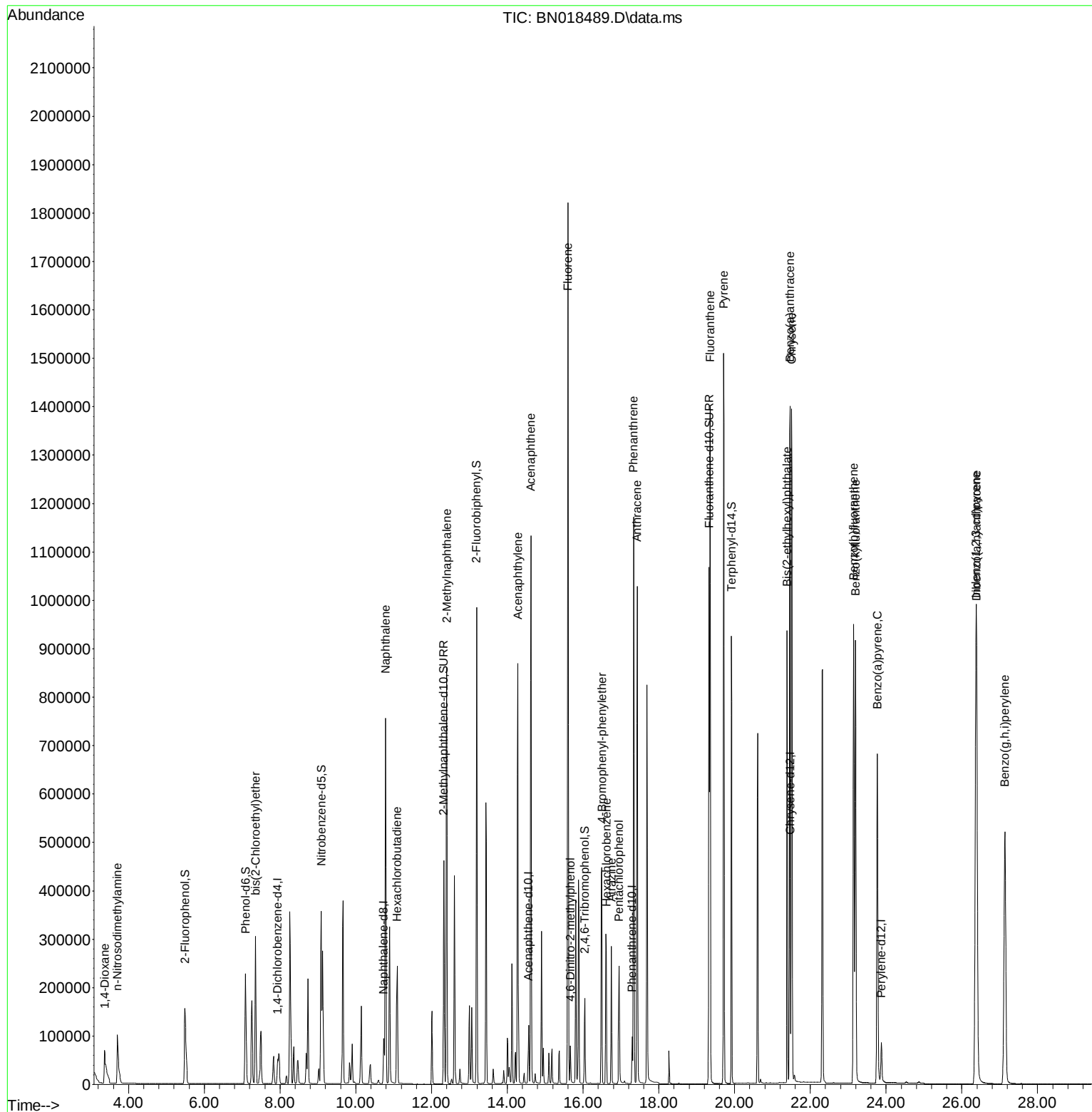
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

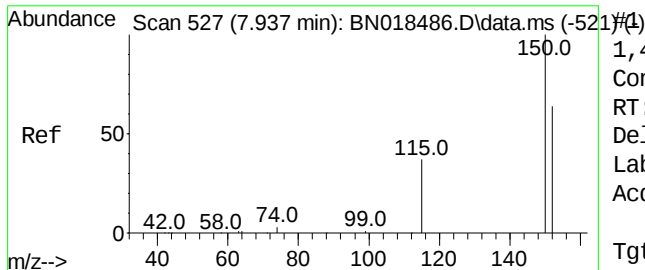
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	29595	0.400	ng	0.00
7) Naphthalene-d8	10.736	136	120140	0.400	ng	# 0.00
13) Acenaphthene-d10	14.560	164	67602	0.400	ng	0.00
19) Phenanthrene-d10	17.297	188	127451	0.400	ng	0.00
29) Chrysene-d12	21.472	240	121773	0.400	ng	0.00
35) Perylene-d12	23.875	264	113749	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.485	112	238746	3.252	ng	0.00
5) Phenol-d6	7.089	99	268915	3.370	ng	0.00
8) Nitrobenzene-d5	9.089	82	290141	4.186	ng	0.00
11) 2-Methylnaphthalene-d10	12.323	152	615450	3.054	ng	0.00
14) 2,4,6-Tribromophenol	16.044	330	104365	5.123	ng	0.00
15) 2-Fluorobiphenyl	13.190	172	821556	3.388	ng	0.00
27) Fluoranthene-d10	19.326	212	1223635	3.183	ng	0.00
31) Terphenyl-d14	19.917	244	977524	2.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	65628	4.245	ng	# 58
3) n-Nitrosodimethylamine	3.705	42	97518	4.001	ng	99
6) bis(2-Chloroethyl)ether	7.356	93	264662	3.284	ng	99
9) Naphthalene	10.787	128	978424	3.347	ng	100
10) Hexachlorobutadiene	11.091	225	201231	3.481	ng	# 100
12) 2-Methylnaphthalene	12.398	142	645622	3.168	ng	98
16) Acenaphthylene	14.281	152	984492	3.931	ng	99
17) Acenaphthene	14.624	154	608064	3.407	ng	96
18) Fluorene	15.601	166	745325	3.472	ng	99
20) 4,6-Dinitro-2-methylph...	15.664	198	57036	10.721	ng	# 73
21) 4-Bromophenyl-phenylether	16.494	248	260768	3.812	ng	# 82
22) Hexachlorobenzene	16.616	284	274361	3.627	ng	# 94
23) Atrazine	16.750	200	200195	4.381	ng	98
24) Pentachlorophenol	16.944	266	110556	4.553	ng	99
25) Phenanthrene	17.334	178	1182247	3.495	ng	99
26) Anthracene	17.431	178	1101705	3.850	ng	99
28) Fluoranthene	19.356	202	1281813	3.468	ng	# 97
30) Pyrene	19.713	202	1349146	2.596	ng	99
32) Benzo(a)anthracene	21.461	228	1351138	3.504	ng	99
33) Chrysene	21.503	228	1279796	3.355	ng	100
34) Bis(2-ethylhexyl)phtha...	21.387	149	769757	2.535	ng	99
36) Indeno(1,2,3-cd)pyrene	26.370	276	1389974	6.873	ng	# 94
37) Benzo(b)fluoranthene	23.142	252	1256073	3.065	ng	# 98
38) Benzo(k)fluoranthene	23.193	252	1260924	3.498	ng	# 98
39) Benzo(a)pyrene	23.769	252	1058217	3.529	ng	# 98
40) Dibenzo(a,h)anthracene	26.390	278	1095595	8.214	ng	# 97
41) Benzo(g,h,i)perylene	27.137	276	1194875	5.808	ng	# 95

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

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2





1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.937 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN018489.D

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Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

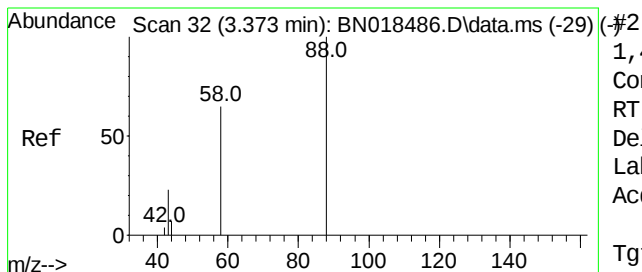
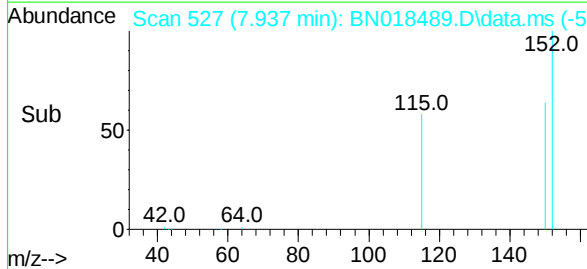
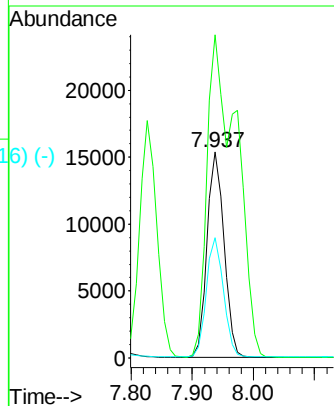
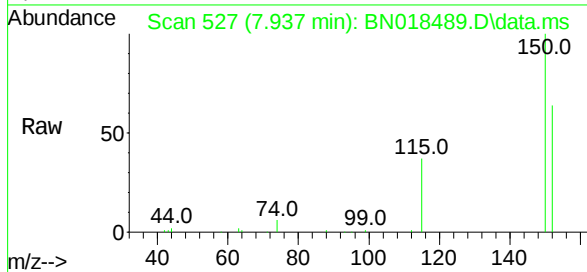
Tgt Ion:152 Resp: 29595

Ion Ratio Lower Upper

152 100

150 156.9 121.7 182.5

115 58.4 43.8 65.8



1,4-Dioxane

Concen: 4.245 ng

RT: 3.373 min Scan# 32

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

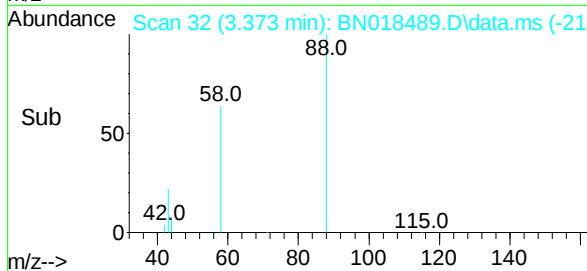
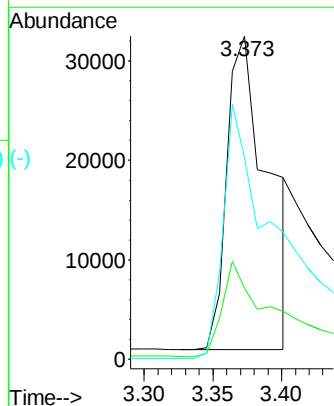
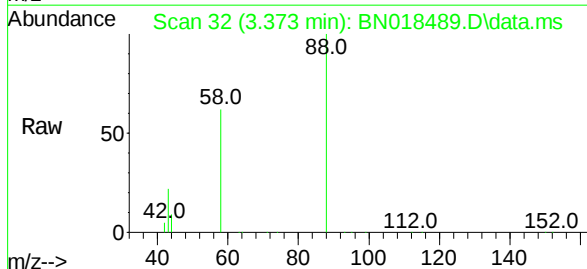
Tgt Ion: 88 Resp: 65628

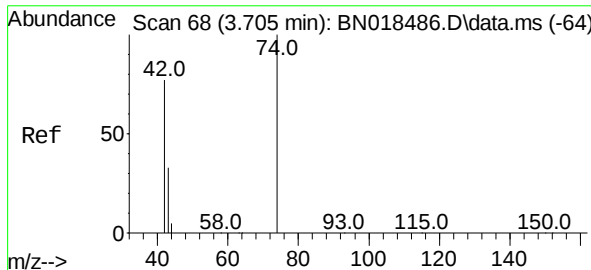
Ion Ratio Lower Upper

88 100

43 29.5 69.7 104.5#

58 79.7 83.8 125.8#

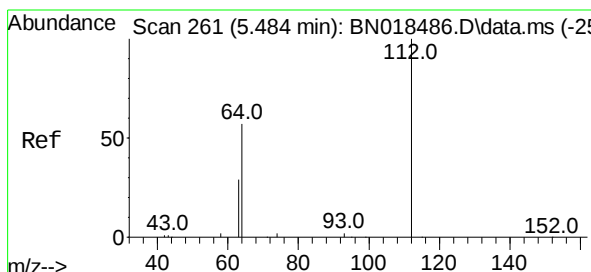
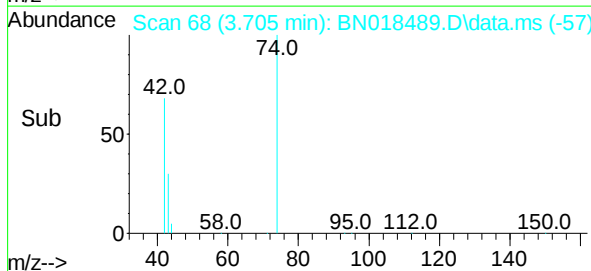
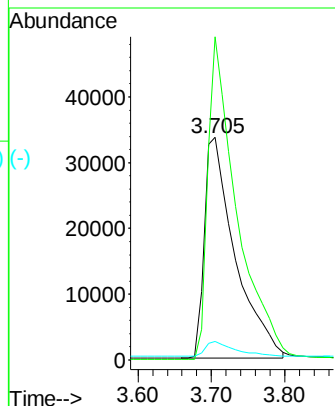
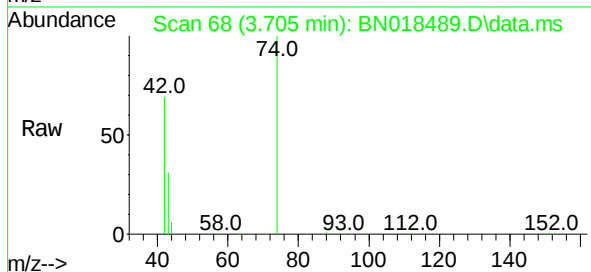




n-Nitrosodimethylamine
 Concen: 4.001 ng
 RT: 3.705 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BN018489.D
 Acq: 27 Jan 2022 14:27

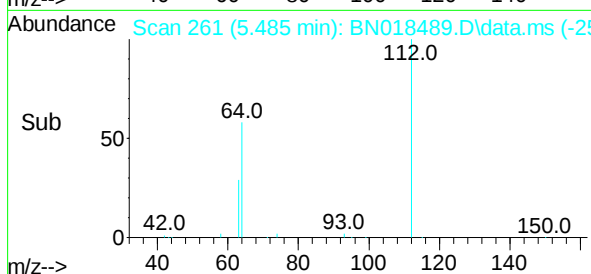
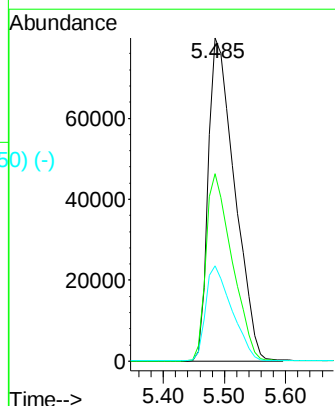
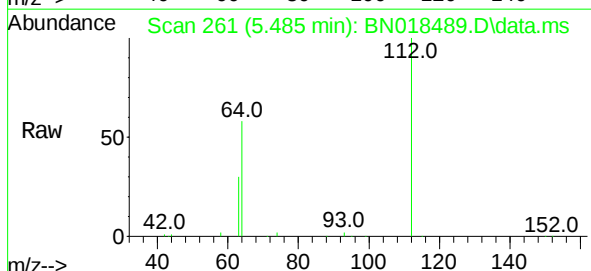
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

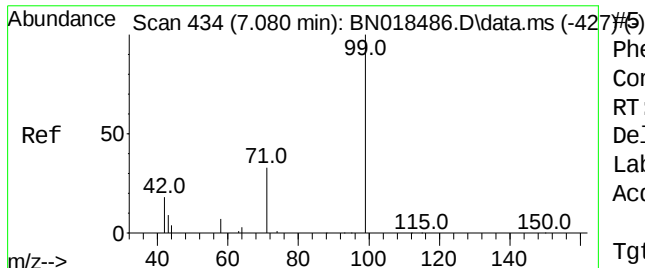
Tgt Ion: 42 Resp: 97518
 Ion Ratio Lower Upper
 42 100
 74 137.5 108.6 163.0
 44 6.4 5.8 8.8



2-Fluorophenol
 Concen: 3.252 ng
 RT: 5.485 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: BN018489.D
 Acq: 27 Jan 2022 14:27

Tgt Ion: 112 Resp: 238746
 Ion Ratio Lower Upper
 112 100
 64 57.4 48.0 72.0
 63 29.3 25.3 37.9





Phenol-d6

Concen: 3.370 ng

RT: 7.089 min Scan# 4

Delta R.T. 0.010 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

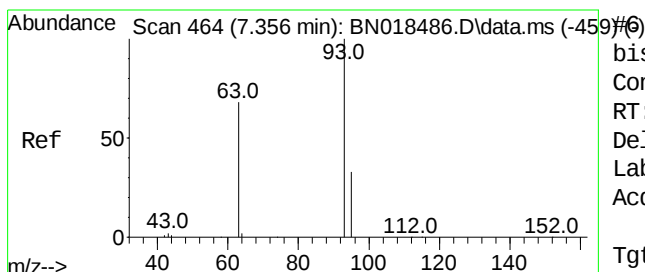
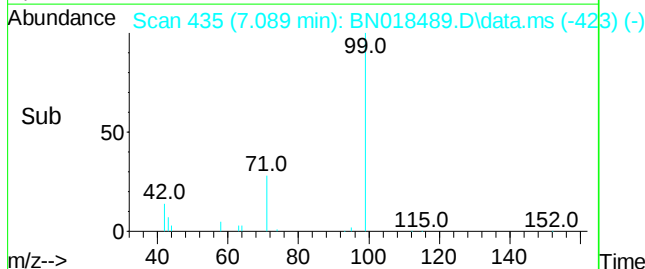
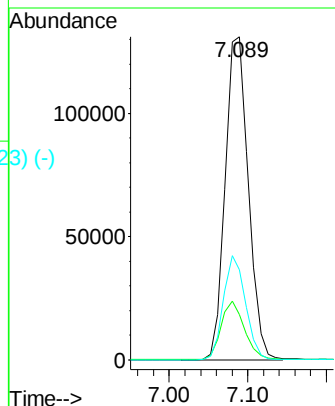
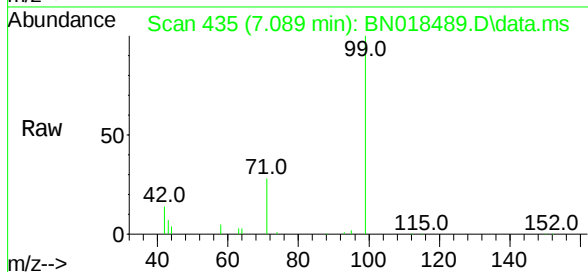
Tgt Ion: 99 Resp: 268915

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

71 30.9 26.8 40.2



bis(2-Chloroethyl)ether

Concen: 3.284 ng

RT: 7.356 min Scan# 464

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

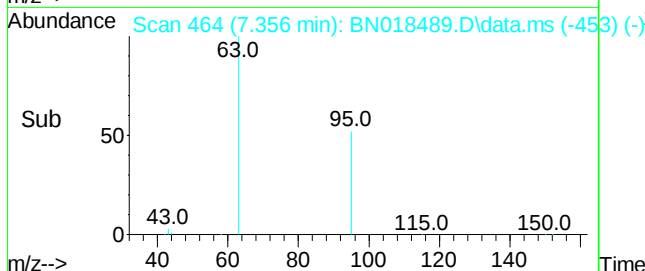
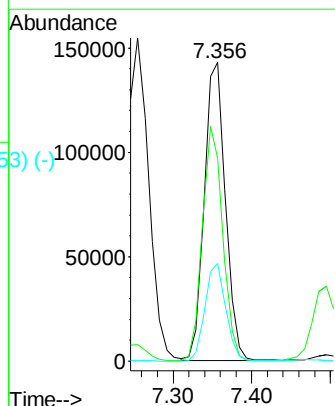
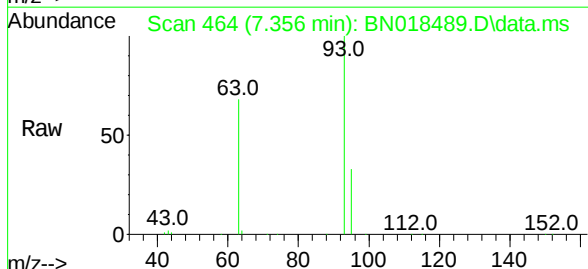
Tgt Ion: 93 Resp: 264662

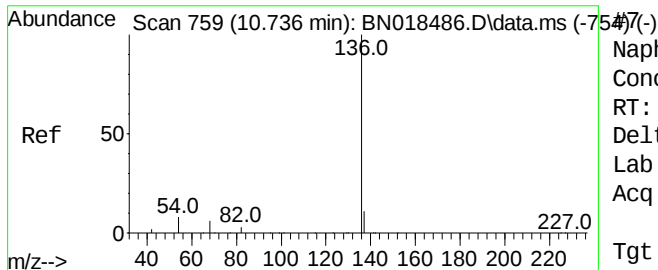
Ion Ratio Lower Upper

93 100

63 76.3 61.7 92.5

95 32.3 26.2 39.4





Naphthalene-d8

Concen: 0.400 ng

RT: 10.736 min Scan#

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:136 Resp: 120140

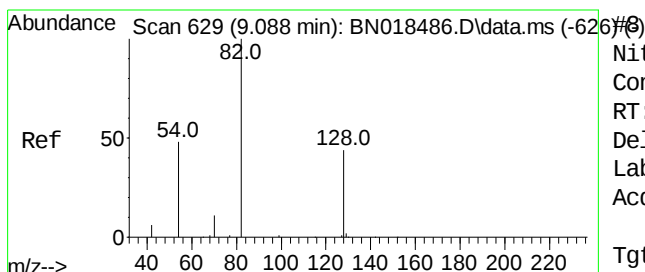
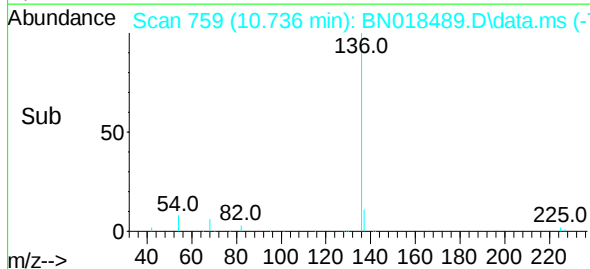
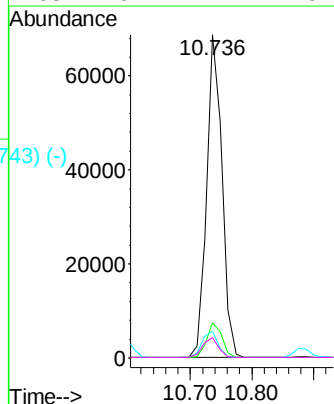
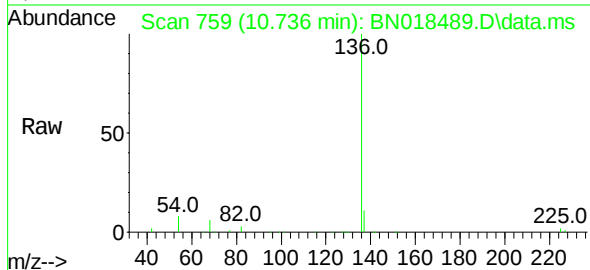
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.3 5.0 7.6#

68 6.4 4.4 6.6



Nitrobenzene-d5

Concen: 4.186 ng

RT: 9.089 min Scan# 629

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

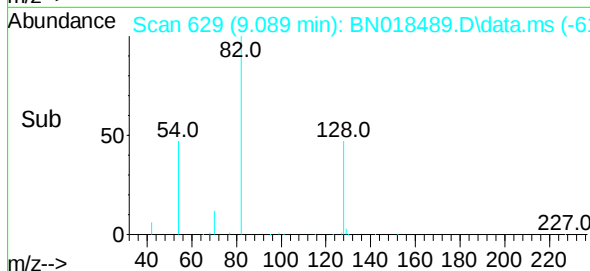
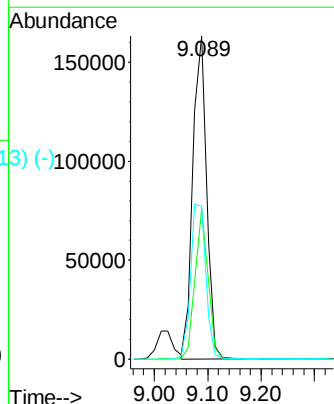
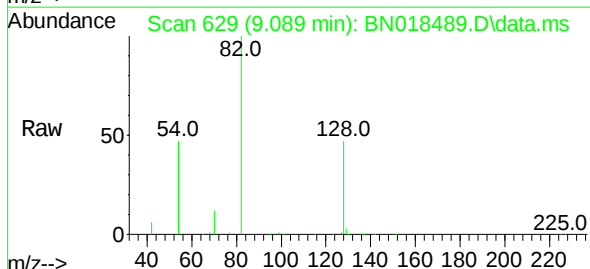
Tgt Ion: 82 Resp: 290141

Ion Ratio Lower Upper

82 100

128 46.6 33.7 50.5

54 47.3 36.6 55.0



Abundance Scan 763 (10.787 min): BN018486.D\data.ms (-759) (-)

Naphthalene

Concen: 3.347 ng

RT: 10.787 min Scan#

Delta R.T. 0.000 min

Lab File: BN018489.D

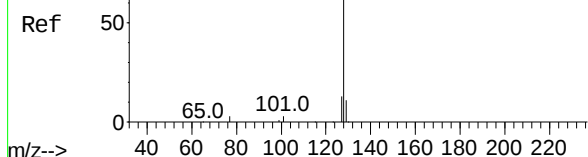
Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



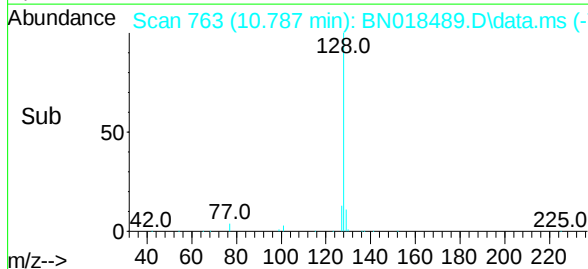
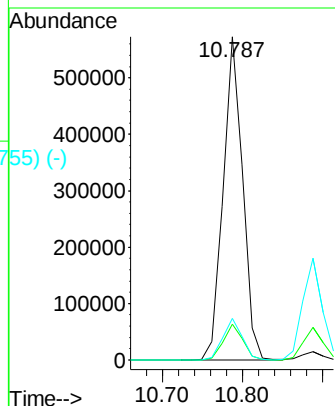
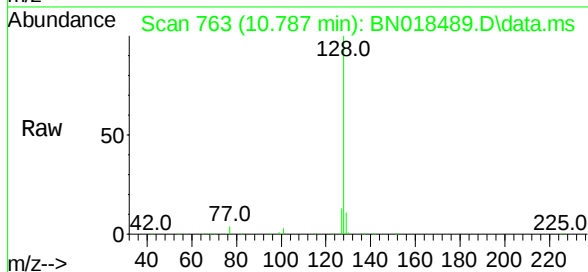
Tgt Ion:128 Resp: 978424

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.9 10.4 15.6



Abundance Scan 787 (11.091 min): BN018486.D\data.ms (-787) (-)

Hexachlorobutadiene

Concen: 3.481 ng

RT: 11.091 min Scan# 787

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

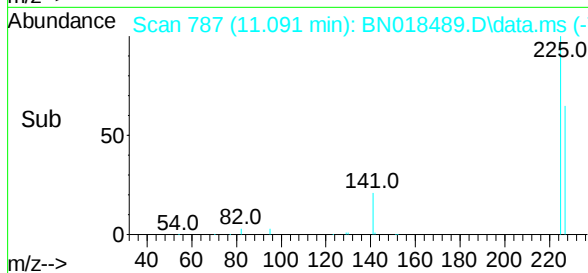
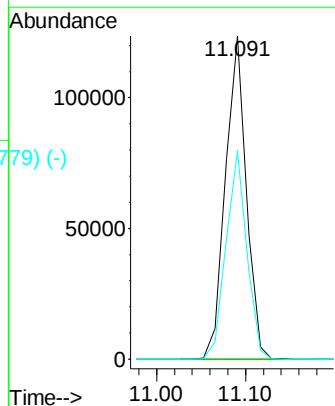
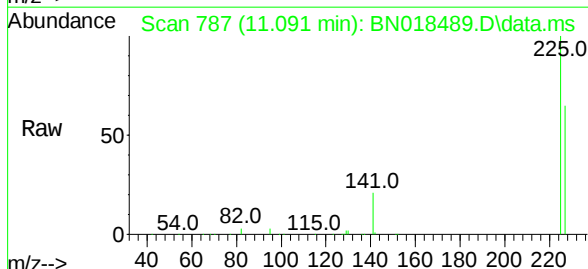
Tgt Ion:225 Resp: 201231

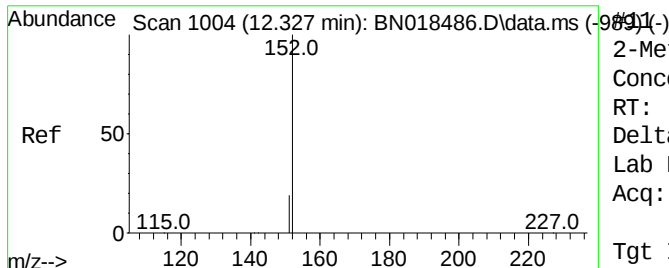
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.0 51.0 76.6

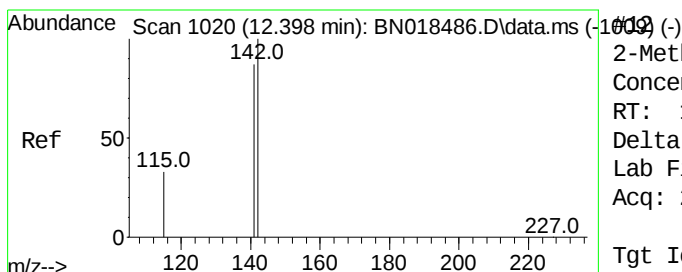
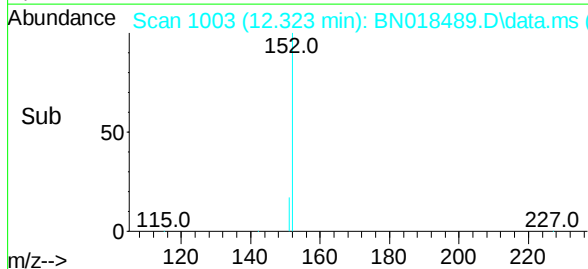
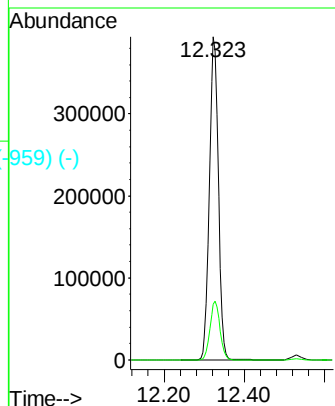
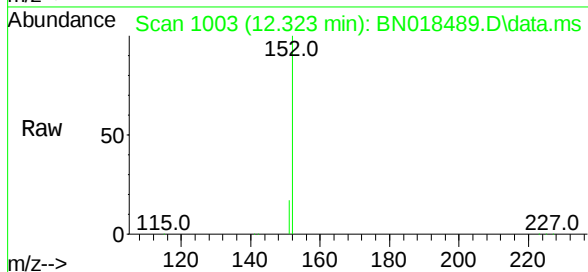




2-Methylnaphthalene-d10
Concen: 3.054 ng
RT: 12.323 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BN018489.D
Acq: 27 Jan 2022 14:27

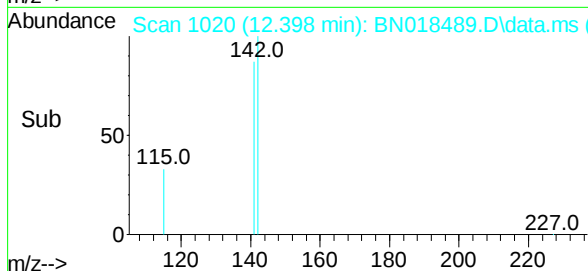
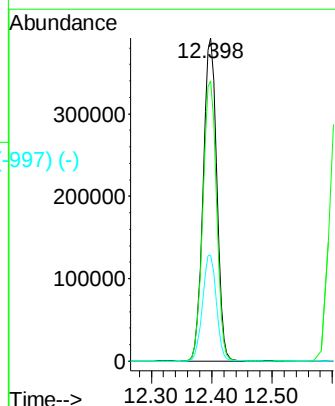
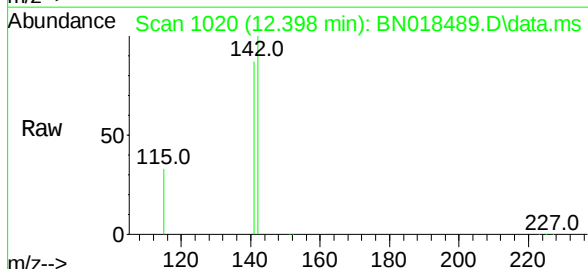
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 615450
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2



2-Methylnaphthalene
Concen: 3.168 ng
RT: 12.398 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BN018489.D
Acq: 27 Jan 2022 14:27

Tgt Ion:142 Resp: 645622
Ion Ratio Lower Upper
142 100
141 86.7 70.0 105.0
115 32.8 27.8 41.8



Abundance Scan 1206 (14.560 min): BN018486.D\data.ms (-1206) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.560 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:164 Resp: 67602

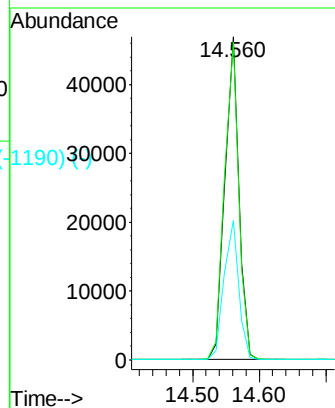
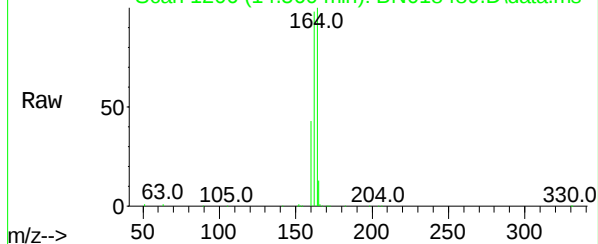
Ion Ratio Lower Upper

164 100

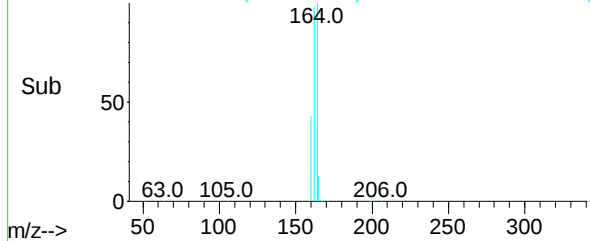
162 98.4 80.2 120.2

160 43.2 36.9 55.3

Abundance Scan 1206 (14.560 min): BN018489.D\data.ms



Abundance Scan 1206 (14.560 min): BN018489.D\data.ms (-1190) (-)



Abundance Scan 1323 (16.044 min): BN018486.D\data.ms (-1314) (-)

2,4,6-Tribromophenol

Concen: 5.123 ng

RT: 16.044 min Scan# 1323

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Tgt Ion:330 Resp: 104365

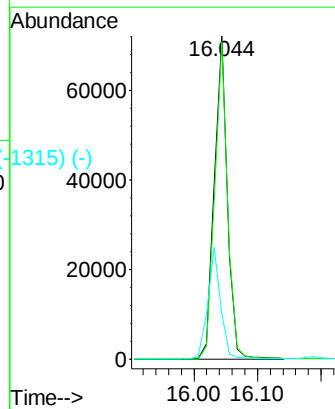
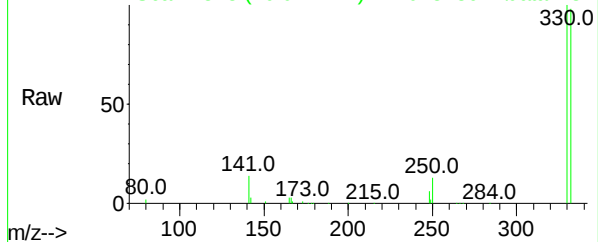
Ion Ratio Lower Upper

330 100

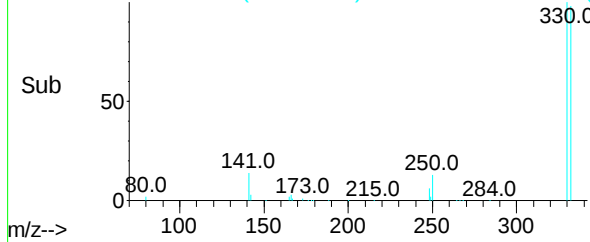
332 96.8 0.0 0.0#

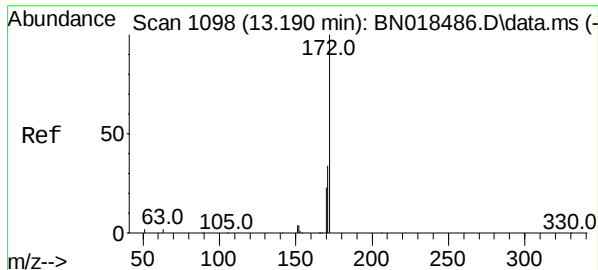
141 33.4 21.3 31.9#

Abundance Scan 1323 (16.044 min): BN018489.D\data.ms



Abundance Scan 1323 (16.044 min): BN018489.D\data.ms (-1315) (-)

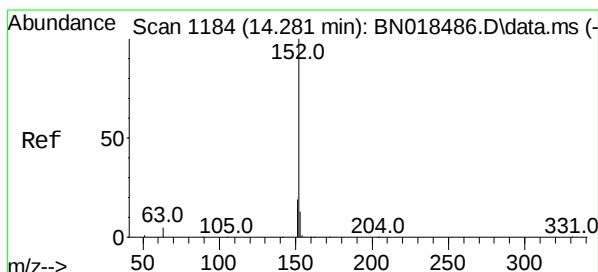
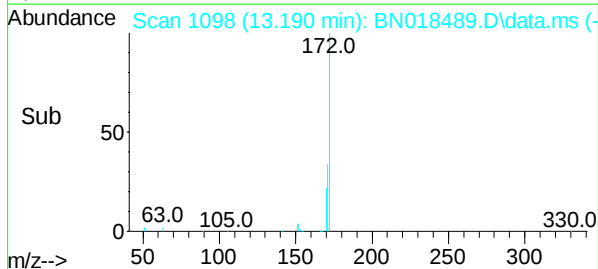
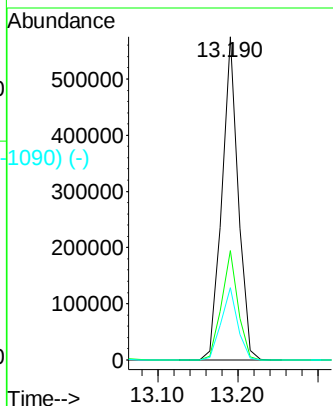
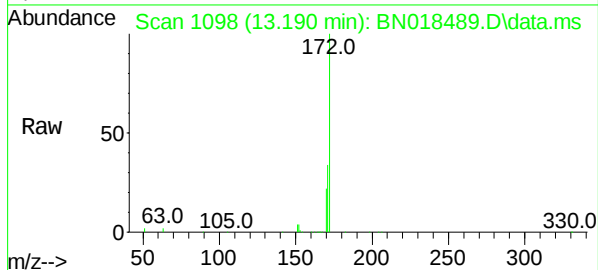




2-Fluorobiphenyl
Concen: 3.388 ng
RT: 13.190 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BN018489.D
Acq: 27 Jan 2022 14:27

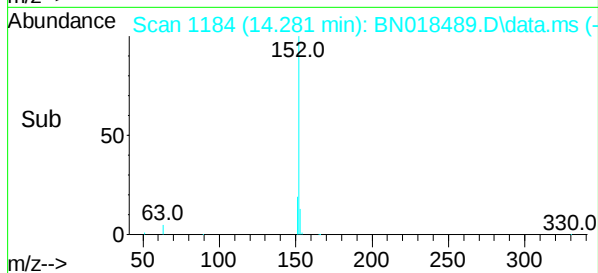
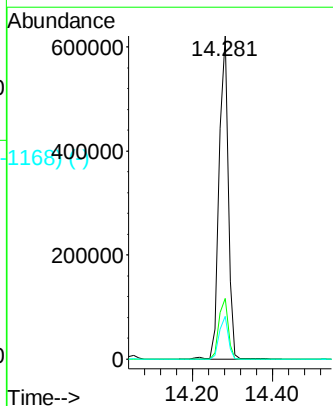
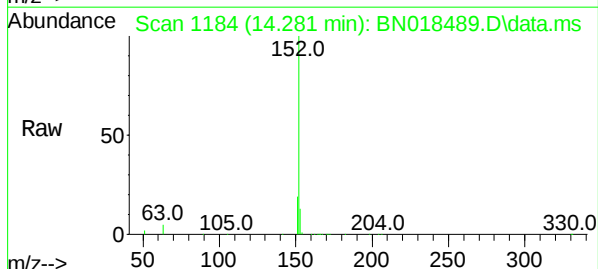
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:	172	Resp:	821556
Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.4	41.0
170	22.3	18.4	27.6



Acenaphthylene
Concen: 3.931 ng
RT: 14.281 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BN018489.D
Acq: 27 Jan 2022 14:27

Tgt Ion:	152	Resp:	984492
Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.6
153	13.2	10.5	15.7



Abundance Scan 1211 (14.624 min): BN018486.D\data.ms (-1207) (-)

Acenaphthene

Concen: 3.407 ng

RT: 14.624 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:154 Resp: 608064

Ion Ratio Lower Upper

154 100

153 109.5 90.9 136.3

152 52.1 45.0 67.4

Abundance Scan 1211 (14.624 min): BN018489.D\data.ms

Ref 50

63.0 153.0 204.0

m/z-->

Raw 50

63.0 105.0 153.0 204.0 330.0

m/z-->

Abundance Scan 1211 (14.624 min): BN018489.D\data.ms (-1203) (-)

Sub 50

63.0 153.0 206.0 330.0

m/z-->

Abundance

400000 14.624

300000

200000

100000

0

Time-->

14.60 14.80

Abundance Scan 1288 (15.601 min): BN018486.D\data.ms (-1212) (-)

Fluorene

Concen: 3.472 ng

RT: 15.601 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Tgt Ion:166 Resp: 745325

Ion Ratio Lower Upper

166 100

165 96.2 77.8 116.6

167 13.6 10.9 16.3

Abundance Scan 1288 (15.601 min): BN018489.D\data.ms

Ref 50

51.0 89.0 166.0 204.0 330.0

m/z-->

Raw 50

51.0 89.0 166.0 204.0 330.0

m/z-->

Abundance Scan 1288 (15.601 min): BN018489.D\data.ms (-1272) (-)

Sub 50

51.0 89.0 166.0 204.0 330.0

m/z-->

Abundance

500000 15.601

400000

300000

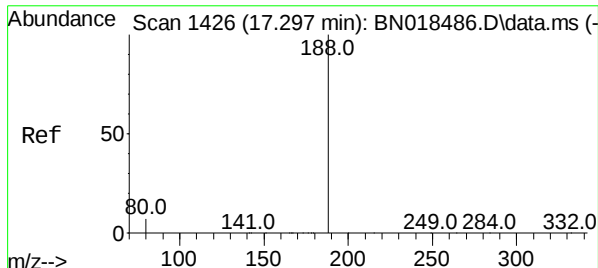
200000

100000

0

Time-->

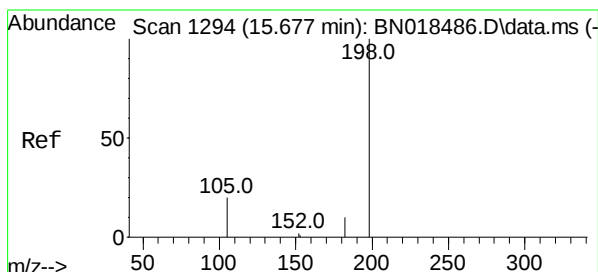
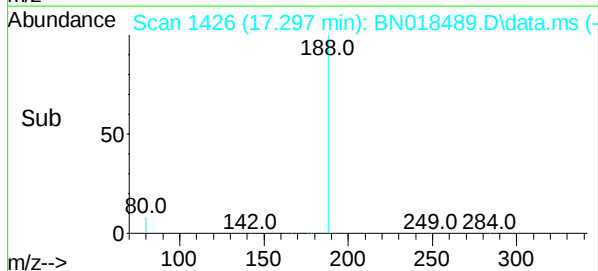
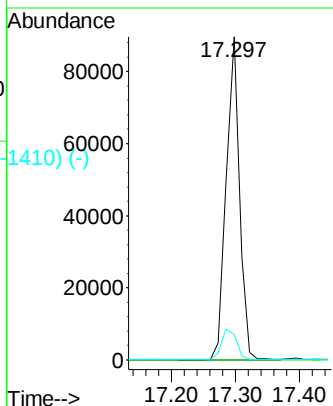
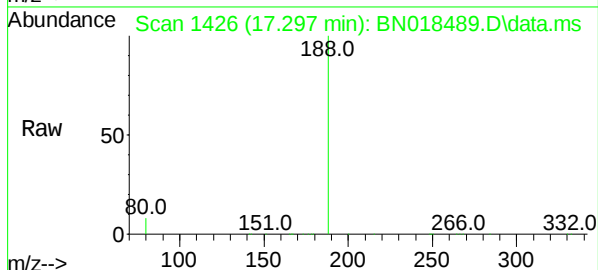
15.60 15.80



Scan 1426 (17.297 min): BN018486.D\data.ms (-1419) (-)
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.297 min Scan# 1426
 Delta R.T. 0.000 min
 Lab File: BN018489.D
 Acq: 27 Jan 2022 14:27

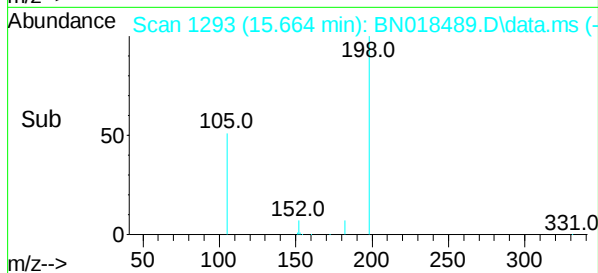
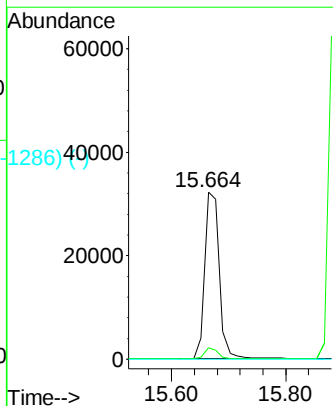
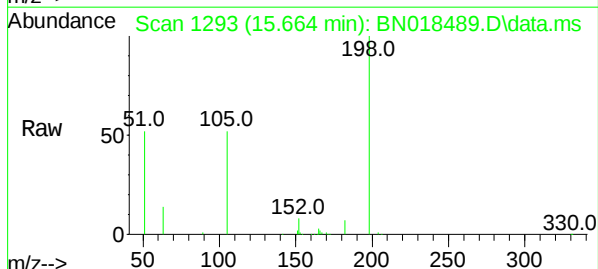
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:	188	Resp:	127451
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	7.0	10.4



Scan 1294 (15.677 min): BN018486.D\data.ms (-1289) (-)
 4,6-Dinitro-2-methylphenol
 Concen: 10.721 ng
 RT: 15.664 min Scan# 1293
 Delta R.T. -0.012 min
 Lab File: BN018489.D
 Acq: 27 Jan 2022 14:27

Tgt Ion:	198	Resp:	57036
Ion	Ratio	Lower	Upper
198	100		
182	7.0	15.5	23.3#
77	0.0	0.0	0.0



Abundance Scan 1360 (16.494 min): BN018486.D\data.ms (-1325) (-)

4-Bromophenyl-phenylether

Concen: 3.812 ng

RT: 16.494 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BN018489.D

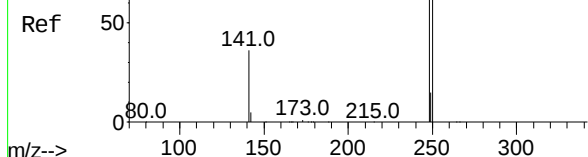
Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2



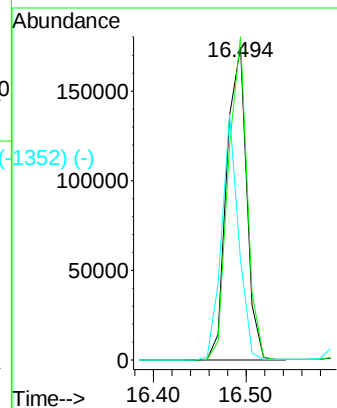
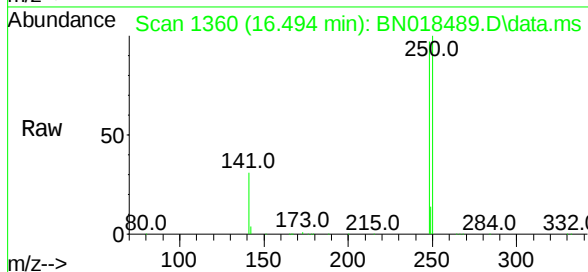
Tgt Ion:248 Resp: 260768

Ion Ratio Lower Upper

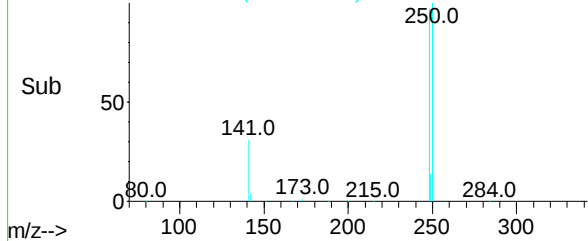
248 100

250 103.2 74.4 111.6

141 32.2 43.7 65.5#



Abundance Scan 1360 (16.494 min): BN018489.D\data.ms (-1352) (-)



Abundance Scan 1370 (16.616 min): BN018486.D\data.ms (-1325) (-)

Hexachlorobenzene

Concen: 3.627 ng

RT: 16.616 min Scan# 1370

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

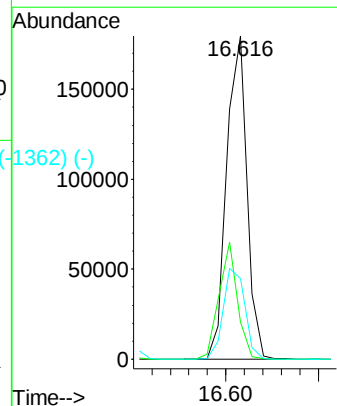
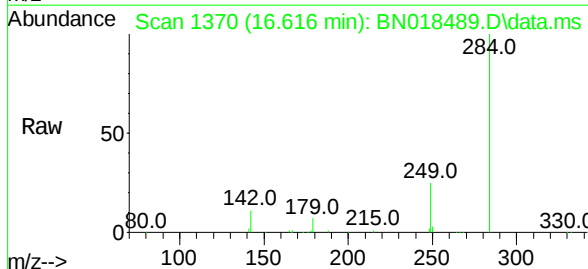
Tgt Ion:284 Resp: 274361

Ion Ratio Lower Upper

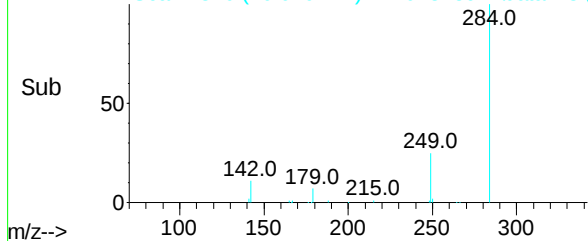
284 100

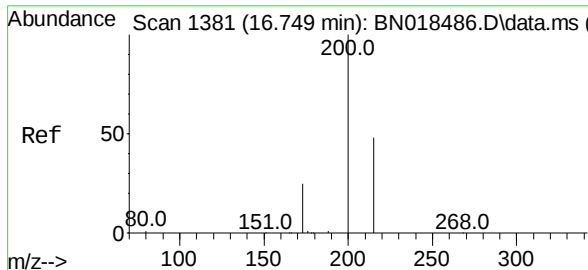
142 32.7 21.6 32.4#

249 29.9 23.5 35.3



Abundance Scan 1370 (16.616 min): BN018489.D\data.ms (-1362) (-)

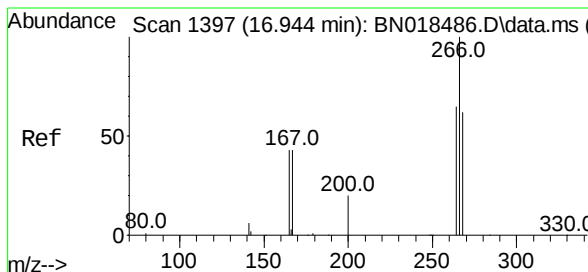
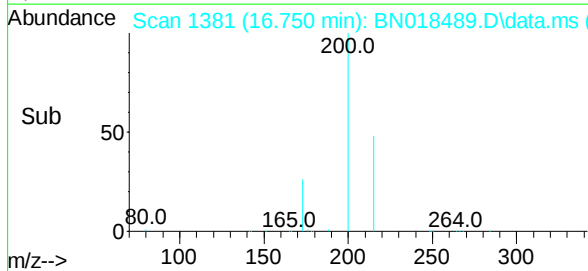
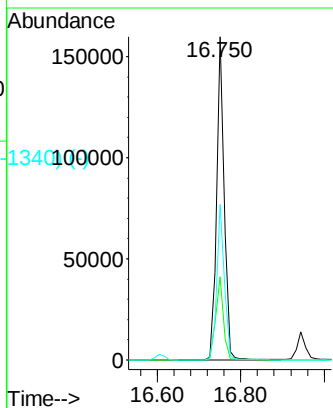
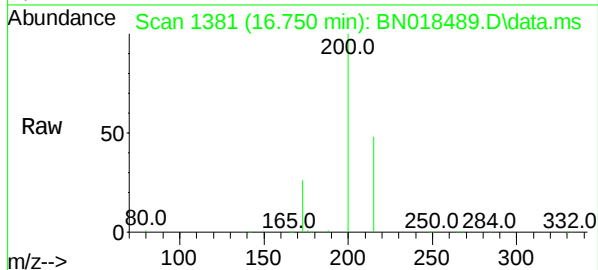




Scan 1381 (16.749 min): BN018486.D\data.ms (-1323) (-)
 Atrazine
 Concen: 4.381 ng
 RT: 16.750 min Scan# 1381
 Delta R.T. 0.000 min
 Lab File: BN018489.D
 Acq: 27 Jan 2022 14:27

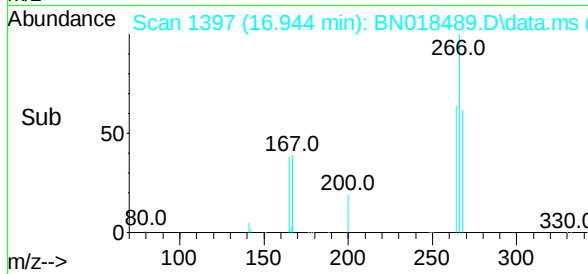
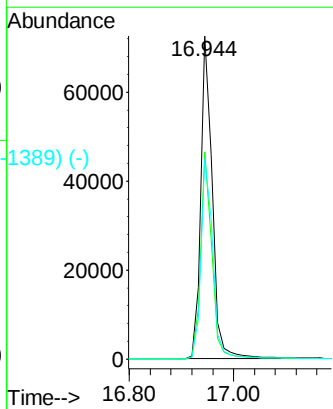
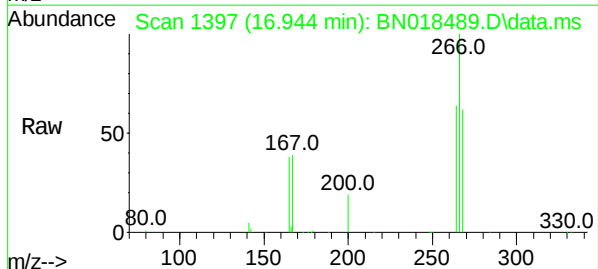
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tgt Ion:	200	Resp:	200195
Ion Ratio	Lower	Upper	
200	100		
173	25.7	20.3	30.5
215	48.1	40.4	60.6

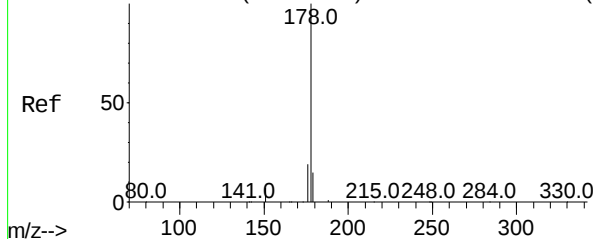


Scan 1397 (16.944 min): BN018486.D\data.ms (-1324) (-)
 Pentachlorophenol
 Concen: 4.553 ng
 RT: 16.944 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: BN018489.D
 Acq: 27 Jan 2022 14:27

Tgt Ion:	266	Resp:	110556
Ion Ratio	Lower	Upper	
266	100		
264	62.8	49.5	74.3
268	63.8	50.6	76.0



Abundance Scan 1429 (17.334 min): BN018486.D\data.ms (-1425) (-)



Phenanthrene

Concen: 3.495 ng

RT: 17.334 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:178 Resp: 1182247

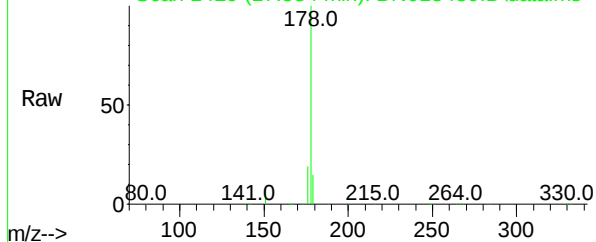
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

178	100		
-----	-----	--	--

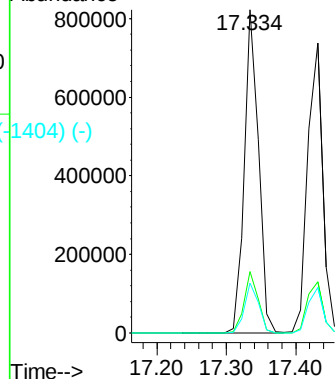
176	18.8	15.3	22.9
-----	------	------	------

179	15.5	12.3	18.5
-----	------	------	------

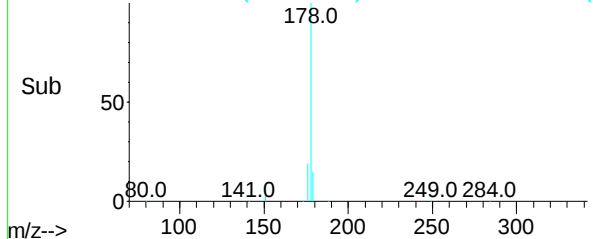
Abundance Scan 1429 (17.334 min): BN018489.D\data.ms



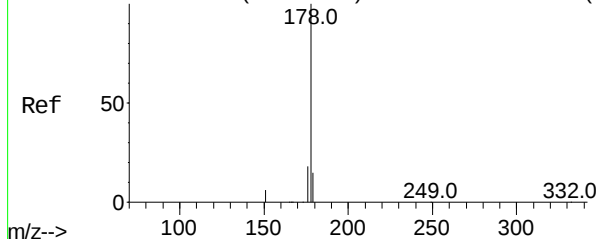
Abundance



Abundance Scan 1429 (17.334 min): BN018489.D\data.ms (-1404) (-)



Abundance Scan 1437 (17.431 min): BN018486.D\data.ms (-1426) (-)



Anthracene

Concen: 3.850 ng

RT: 17.431 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Tgt Ion:178 Resp: 1101705

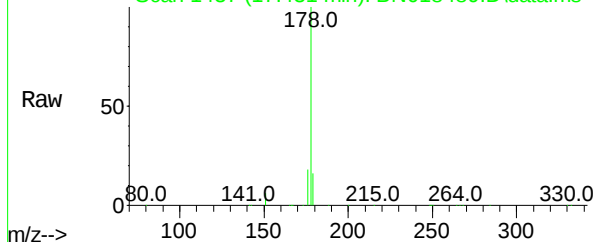
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

178	100		
-----	-----	--	--

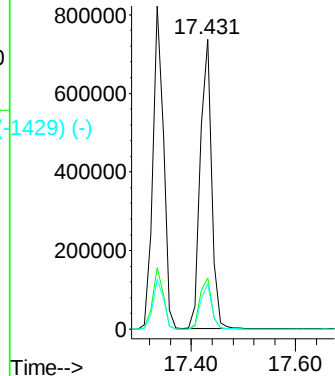
176	18.2	14.8	22.2
-----	------	------	------

179	15.5	12.2	18.4
-----	------	------	------

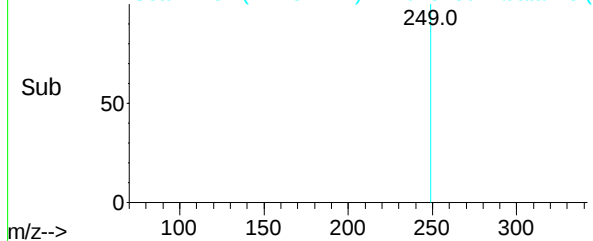
Abundance Scan 1437 (17.431 min): BN018489.D\data.ms



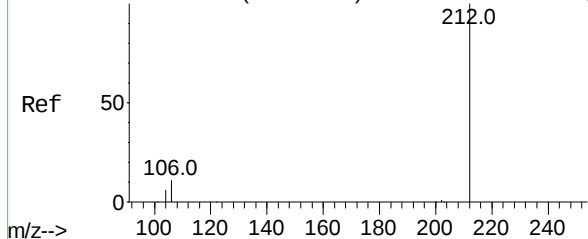
Abundance



Abundance Scan 1437 (17.431 min): BN018489.D\data.ms (-1429) (-)



Abundance Scan 1749 (19.326 min): BN018486.D\data.ms (-1729) (-)



Fluoranthene-d10

Concen: 3.183 ng

RT: 19.326 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

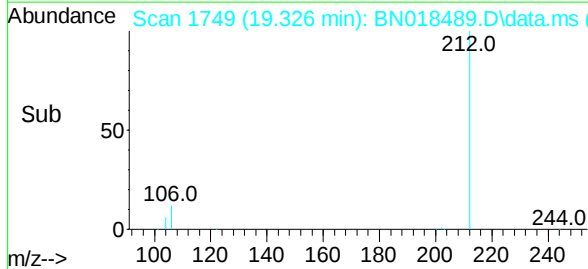
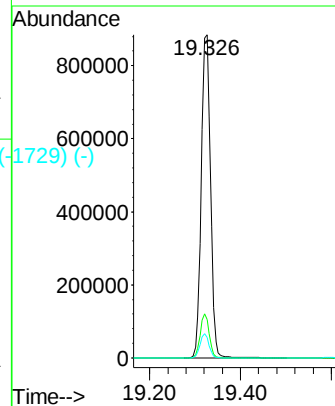
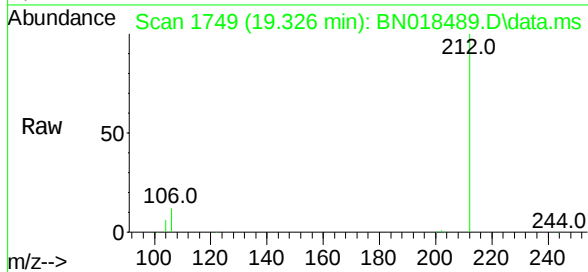
Tgt Ion:212 Resp: 1223635

Ion Ratio Lower Upper

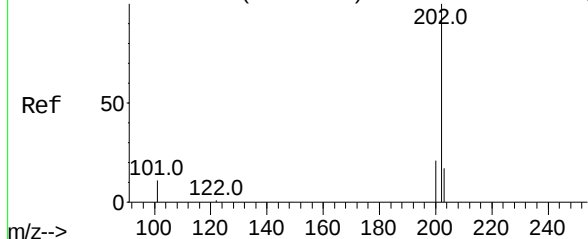
212 100

106 13.2 8.4 12.6#

104 7.2 4.5 6.7#



Abundance Scan 1754 (19.356 min): BN018486.D\data.ms (-1729) (-)



Fluoranthene

Concen: 3.468 ng

RT: 19.356 min Scan# 1755

Delta R.T. 0.005 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

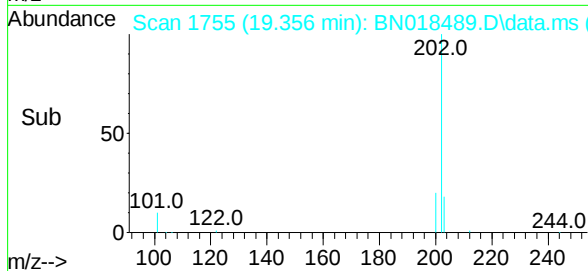
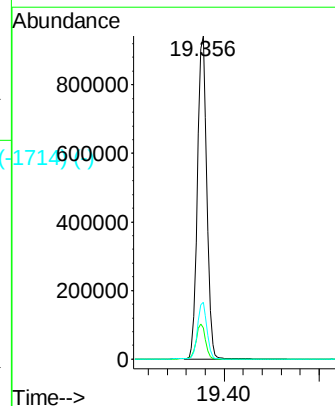
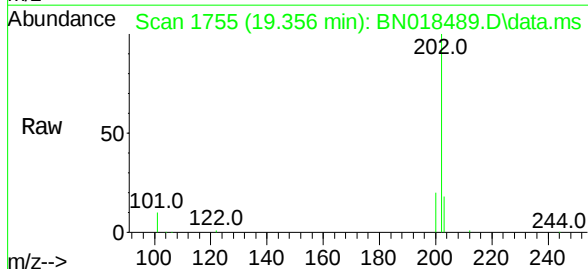
Tgt Ion:202 Resp: 1281813

Ion Ratio Lower Upper

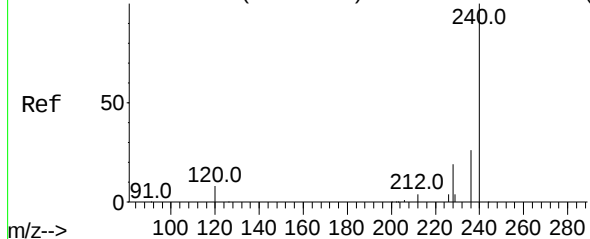
202 100

101 11.0 7.2 10.8#

203 17.5 13.7 20.5



Abundance Scan 2024 (21.471 min): BN018486.D\data.ms (-2029) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.472 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

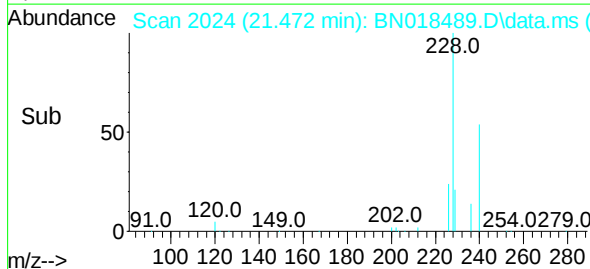
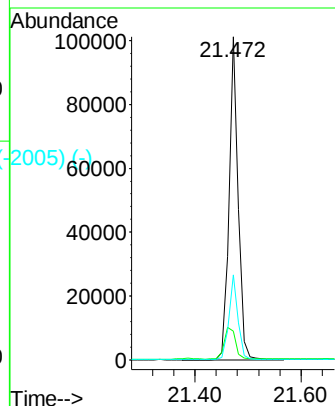
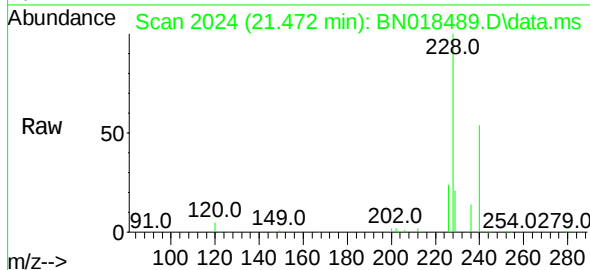
Tgt Ion:240 Resp: 121773

Ion Ratio Lower Upper

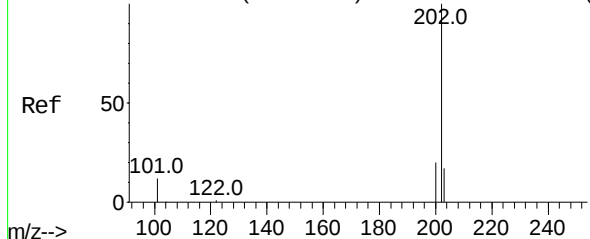
240 100

120 8.9 6.0 9.0

236 26.4 21.4 32.2



Abundance Scan 1827 (19.713 min): BN018486.D\data.ms (-1836) (-)



Pyrene

Concen: 2.596 ng

RT: 19.713 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

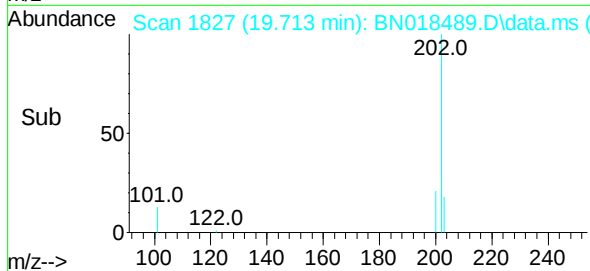
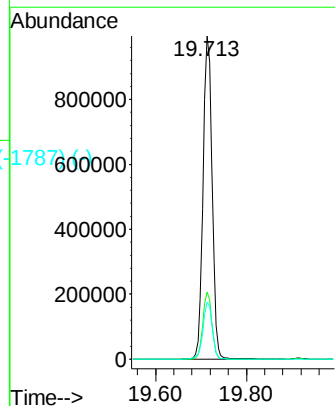
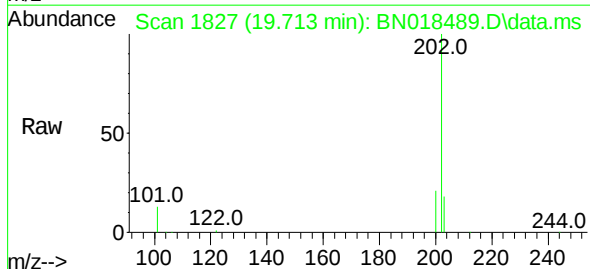
Tgt Ion:202 Resp: 1349146

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

203 18.1 14.1 21.1



Abundance Scan 1868 (19.916 min): BN018486.D\data.ms (-1838) (-)

Terphenyl-d14

Concen: 2.583 ng

RT: 19.917 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:244 Resp: 977524

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 12.4 7.9 11.9#

Abundance Scan 1868 (19.917 min): BN018489.D\data.ms

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Raw 50

101.0 122.0 212.0 244.0

m/z-->

Abundance Scan 1868 (19.917 min): BN018489.D\data.ms (-1838) (-)

Ref 50

101.0 122.0 212.0 244.0

m/z-->

Sub 50

101.0 122.0 212.0 244.0

m/z-->

Abundance

19.917

600000

400000

200000

0

Time-->

19.90 20.00

Abundance Scan 2022 (21.450 min): BN018486.D\data.ms (-2003) (-)

Benzo(a)anthracene

Concen: 3.504 ng

RT: 21.461 min Scan# 2023

Delta R.T. 0.011 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Tgt Ion:228 Resp: 1351138

Ion Ratio Lower Upper

228 100

226 25.7 21.3 31.9

229 20.2 15.9 23.9

Abundance Scan 2023 (21.461 min): BN018489.D\data.ms

Ref 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Raw 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Abundance Scan 2023 (21.461 min): BN018489.D\data.ms (-2003) (-)

Ref 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Sub 50

91.0 120.0 149.0 200.0 228.0 254.0279.0

m/z-->

Abundance

21.461

800000

600000

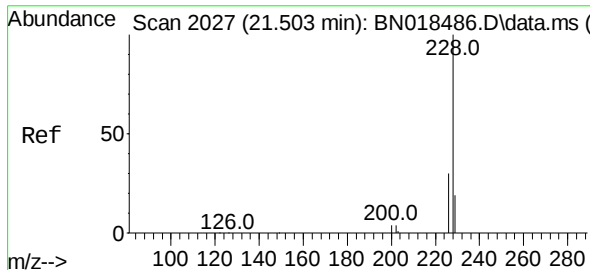
400000

200000

0

Time-->

21.40 21.50



#23 (-)

Chrysene

Concen: 3.355 ng

RT: 21.503 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

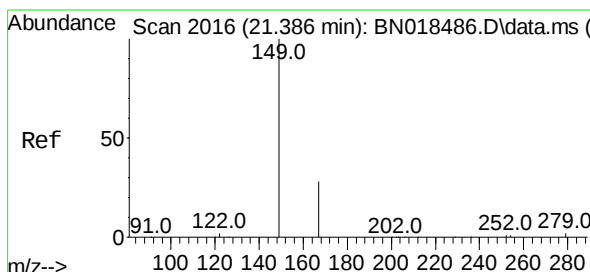
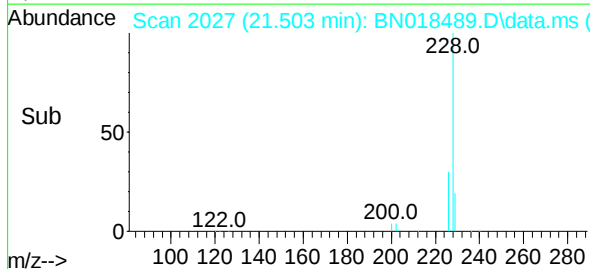
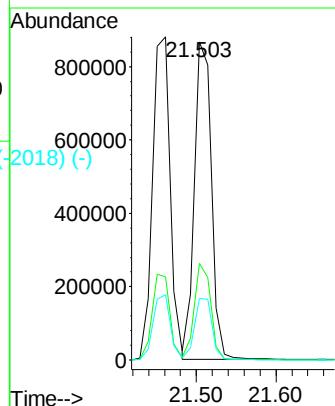
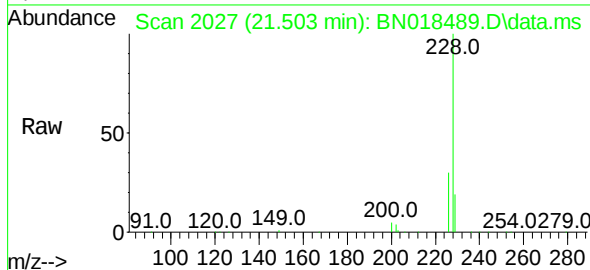
Tgt Ion:228 Resp: 1279796

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 19.3 15.5 23.3



#24 (-)

Bis(2-ethylhexyl)phthalate

Concen: 2.535 ng

RT: 21.387 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

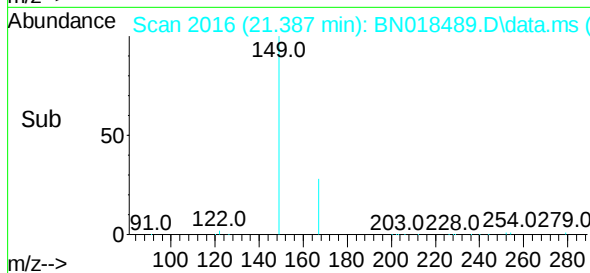
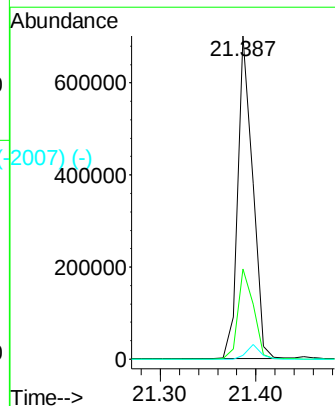
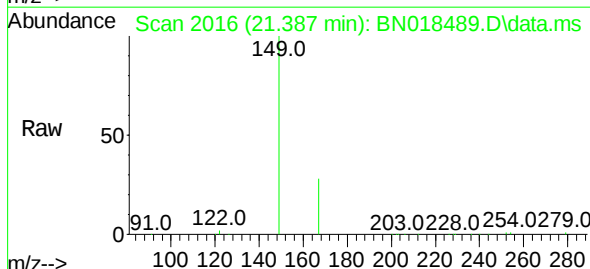
Tgt Ion:149 Resp: 769757

Ion Ratio Lower Upper

149 100

167 28.8 23.7 35.5

279 4.0 3.6 5.4



Abundance Scan 2541 (23.874 min): BN018486.D\data.ms (-2525) (-)

Perylene-d12

Concen: 0.400 ng

RT: 23.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:264 Resp: 113749

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

265 24.1 18.2 27.2

Abundance Scan 2541 (23.875 min): BN018489.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2541 (23.875 min): BN018489.D\data.ms (-2497) (-)

Sub 50

264.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

50000

40000

30000

20000

10000

0

Time-->

23.80 23.875 24.00

Abundance Scan 3270 (26.370 min): BN018486.D\data.ms (-3246) (-)

Indeno(1,2,3-cd)pyrene

Concen: 6.873 ng

RT: 26.370 min Scan# 3270

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Tgt Ion:276 Resp: 1389974

Ion Ratio Lower Upper

276 100

138 24.5 14.9 22.3#

277 25.0 19.9 29.9

Abundance Scan 3270 (26.370 min): BN018489.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3270 (26.370 min): BN018489.D\data.ms (-3241) (-)

Sub 50

276.0

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

400000

300000

200000

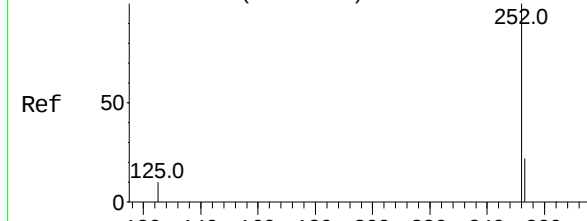
100000

0

Time-->

26.20 26.370 26.40

Abundance Scan 2327 (23.142 min): BN018486.D\data.ms (-2327) (-)



Benzo(b)fluoranthene

Concen: 3.065 ng

RT: 23.142 min Scan# 2327

Delta R.T. 0.000 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

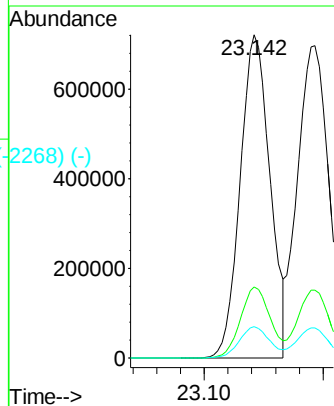
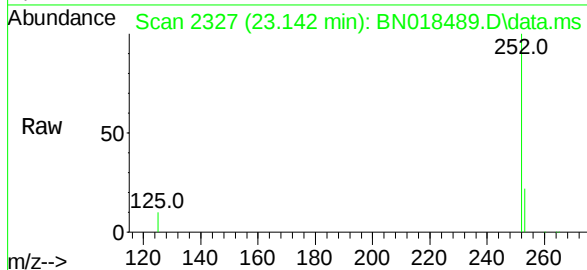
Tgt Ion:252 Resp: 1256073

Ion Ratio Lower Upper

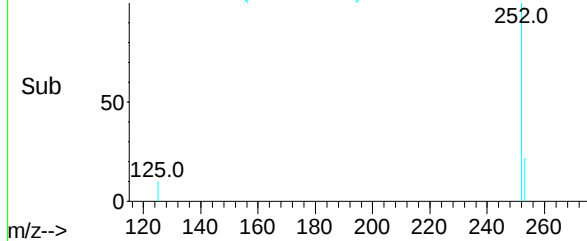
252 100

253 22.0 17.8 26.6

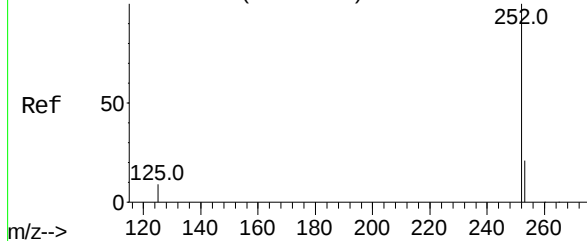
125 9.6 6.0 9.0#



Abundance Scan 2327 (23.142 min): BN018489.D\data.ms (-2268) (-)



Abundance Scan 2341 (23.190 min): BN018486.D\data.ms (-2341) (-)



Benzo(k)fluoranthene

Concen: 3.498 ng

RT: 23.193 min Scan# 2342

Delta R.T. 0.004 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

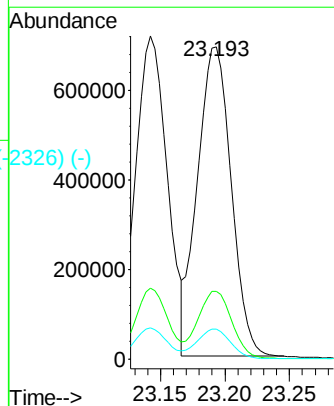
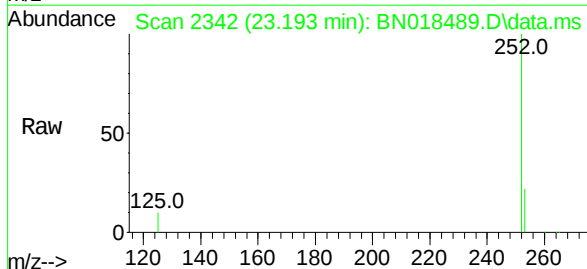
Tgt Ion:252 Resp: 1260924

Ion Ratio Lower Upper

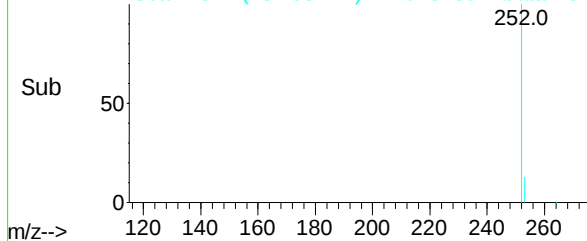
252 100

253 21.8 17.7 26.5

125 9.5 6.2 9.2#



Abundance Scan 2342 (23.193 min): BN018489.D\data.ms (-2326) (-)



Abundance Scan 2509 (23.765 min): BN018486.D\data.ms (-2450) (-)

Benzo(a)pyrene

Concen: 3.529 ng

RT: 23.769 min Scan# 1

Delta R.T. 0.004 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tgt Ion:252 Resp: 1058217

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.5 7.0 10.4#

Abundance Scan 2510 (23.769 min): BN018489.D\data.ms

252.0

125.0

Ref

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2510 (23.769 min): BN018489.D\data.ms

252.0

125.0

Raw

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2510 (23.769 min): BN018489.D\data.ms (-2450) (-)

252.0

125.0

Sub

50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

500000

400000

300000

200000

100000

0

Time-->

23.80

Abundance Scan 3274 (26.383 min): BN018486.D\data.ms (-3240) (-)

Dibenzo(a,h)anthracene

Concen: 8.214 ng

RT: 26.390 min Scan# 3276

Delta R.T. 0.007 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

Tgt Ion:278 Resp: 1095595

Ion Ratio Lower Upper

278 100

139 16.4 10.8 16.2#

279 23.5 19.0 28.4

Abundance Scan 3276 (26.390 min): BN018489.D\data.ms

278.0

138.0

Ref

50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3276 (26.390 min): BN018489.D\data.ms

278.0

138.0

Raw

50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3276 (26.390 min): BN018489.D\data.ms (-3245) (-)

278.0

138.0

Sub

50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance

300000

200000

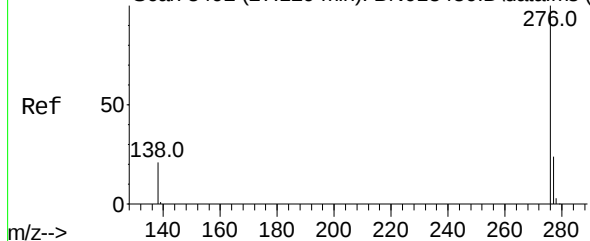
100000

0

Time-->

26.40

Abundance Scan 3492 (27.129 min): BN018486.D\data.ms (-3431) (-)



Benzo(g,h,i)perylene

Concen: 5.808 ng

RT: 27.137 min Scan# 3494

Delta R.T. 0.007 min

Lab File: BN018489.D

Acq: 27 Jan 2022 14:27

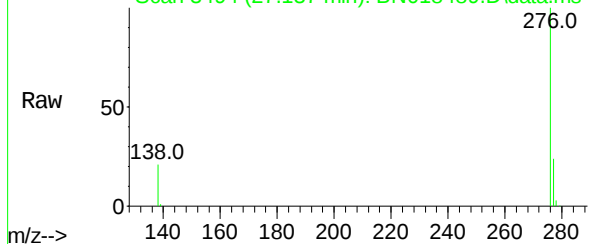
Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Abundance Scan 3494 (27.137 min): BN018489.D\data.ms



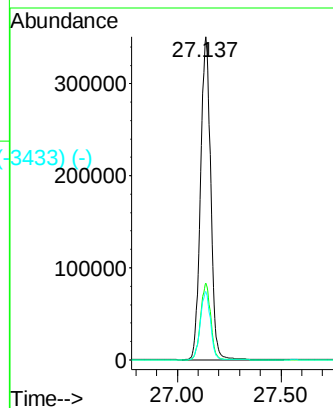
Tgt Ion:276 Resp: 1194875

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 21.2 12.6 19.0#



Abundance Scan 3494 (27.137 min): BN018489.D\data.ms (-3433) (-)

