

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
 Data File : BN018491.D
 Acq On : 27 Jan 2022 15:38
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN012722

Quant Time: Jan 28 03:05:19 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 03:03:43 2022
 Response via : Initial Calibration

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

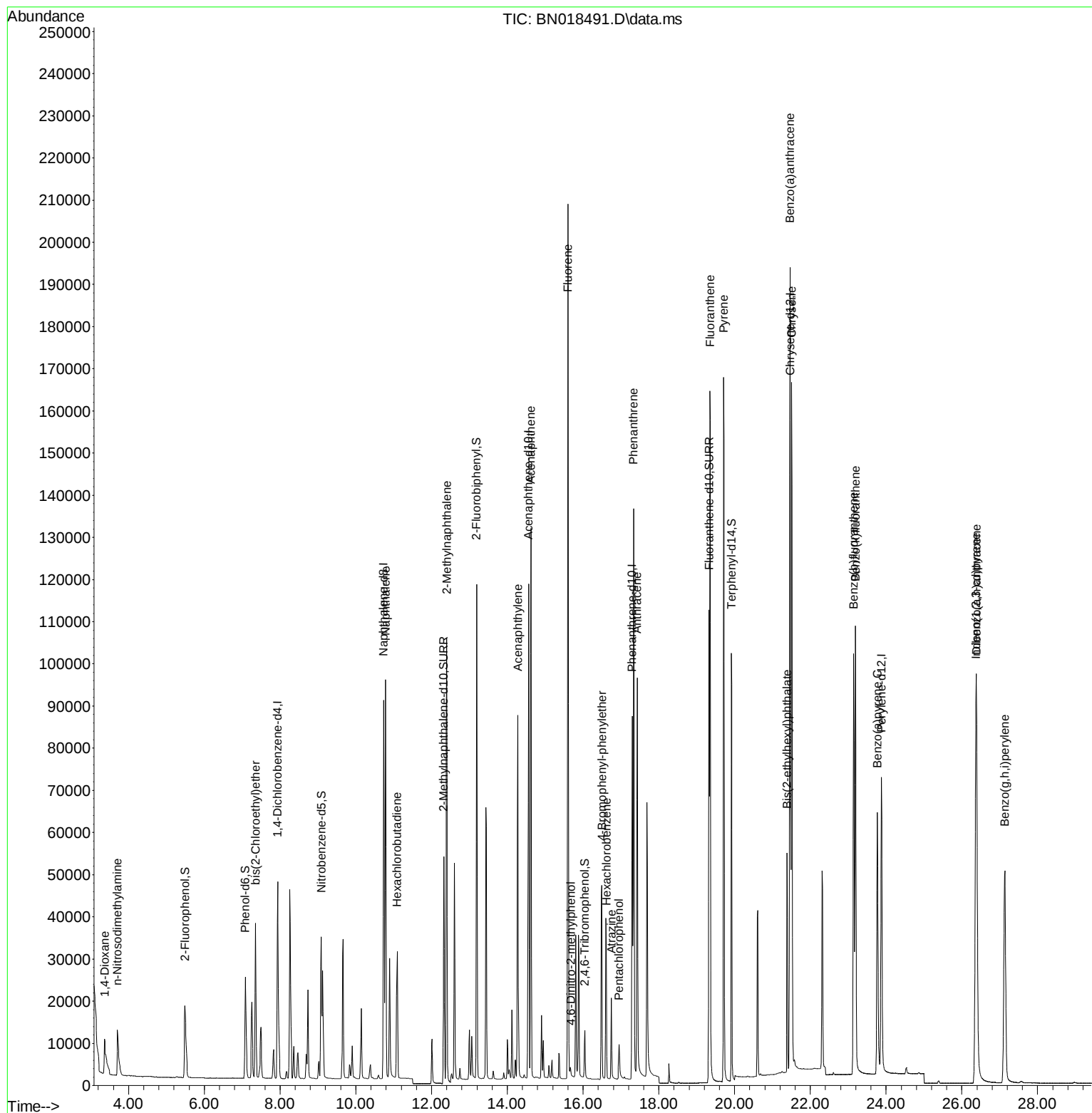
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	27832	0.400	ng	0.00
7) Naphthalene-d8	10.736	136	119583	0.400	ng	# 0.00
13) Acenaphthene-d10	14.561	164	64922	0.400	ng	0.00
19) Phenanthrene-d10	17.297	188	119151	0.400	ng	0.00
29) Chrysene-d12	21.472	240	115511	0.400	ng	# 0.00
35) Perylene-d12	23.878	264	103912	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.485	112	26963	0.381	ng	0.00
5) Phenol-d6	7.080	99	29039	0.375	ng	0.00
8) Nitrobenzene-d5	9.089	82	29037	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	12.323	152	74034	0.384	ng	0.00
14) 2,4,6-Tribromophenol	16.044	330	7541	0.346	ng	0.00
15) 2-Fluorobiphenyl	13.190	172	100333	0.390	ng	0.00
27) Fluoranthene-d10	19.326	212	133265	0.380	ng	0.00
31) Terphenyl-d14	19.917	244	113350	0.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	7745	0.391	ng	# 60
3) n-Nitrosodimethylamine	3.705	42	11032	0.383	ng	99
6) bis(2-Chloroethyl)ether	7.357	93	32597	0.397	ng	100
9) Naphthalene	10.787	128	121053	0.387	ng	100
10) Hexachlorobutadiene	11.091	225	24798	0.388	ng	# 100
12) 2-Methylnaphthalene	12.398	142	82006	0.390	ng	99
16) Acenaphthylene	14.281	152	99221	0.363	ng	100
17) Acenaphthene	14.624	154	69868	0.383	ng	98
18) Fluorene	15.601	166	84990	0.379	ng	100
20) 4,6-Dinitro-2-methylph...	15.677	198	1874	0.309	ng	# 91
21) 4-Bromophenyl-phenylether	16.494	248	27380	0.379	ng	# 85
22) Hexachlorobenzene	16.616	284	31856	0.394	ng	# 93
23) Atrazine	16.750	200	15537	0.354	ng	97
24) Pentachlorophenol	16.945	266	5081	0.456	ng	99
25) Phenanthrene	17.334	178	135819	0.390	ng	100
26) Anthracene	17.431	178	108761	0.368	ng	99
28) Fluoranthene	19.351	202	152111	0.396	ng	# 98
30) Pyrene	19.713	202	150759	0.381	ng	100
32) Benzo(a)anthracene	21.461	228	137532	0.358	ng	99
33) Chrysene	21.504	228	151595	0.390	ng	100
34) Bis(2-ethylhexyl)phtha...	21.387	149	47813	0.308	ng	98
36) Indeno(1,2,3-cd)pyrene	26.370	276	136500	0.365	ng	# 94
37) Benzo(b)fluoranthene	23.142	252	133738	0.374	ng	# 98
38) Benzo(k)fluoranthene	23.190	252	140640	0.393	ng	# 98
39) Benzo(a)pyrene	23.769	252	102439	0.358	ng	# 98
40) Dibenzo(a,h)anthracene	26.387	278	105978	0.364	ng	# 96
41) Benzo(g,h,i)perylene	27.133	276	119240	0.367	ng	# 95

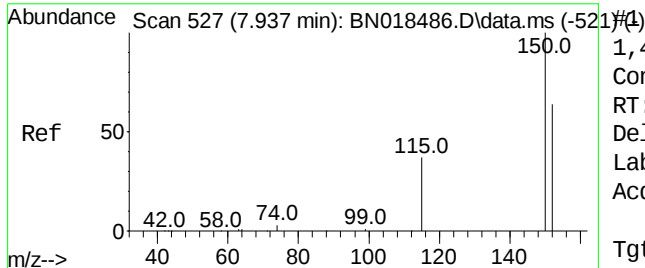
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012722\
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1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.937 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

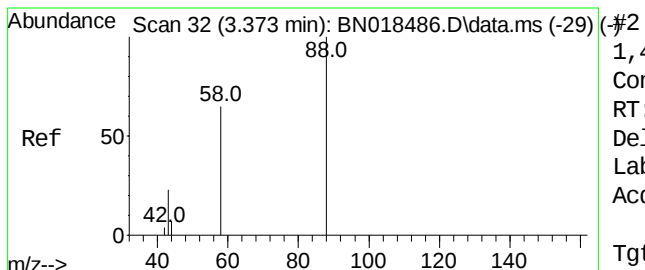
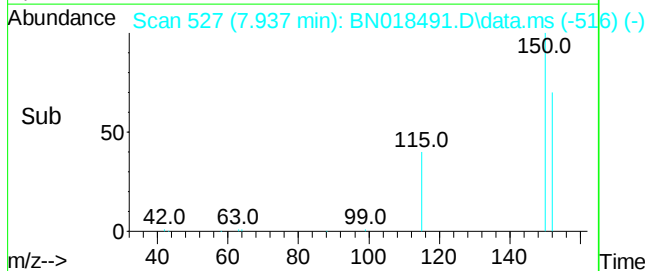
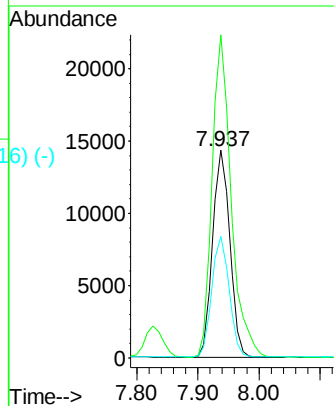
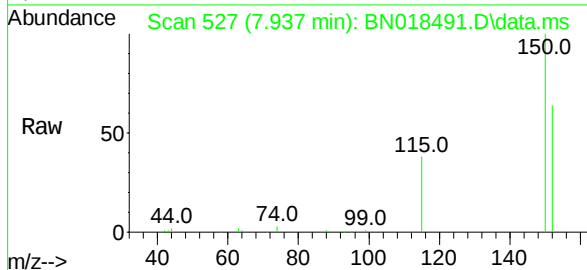
Tgt Ion:152 Resp: 27832

Ion Ratio Lower Upper

152 100

150 155.5 121.7 182.5

115 58.4 43.8 65.8



1,4-Dioxane

Concen: 0.391 ng

RT: 3.373 min Scan# 32

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

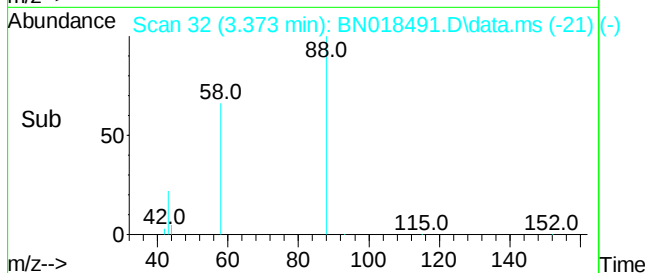
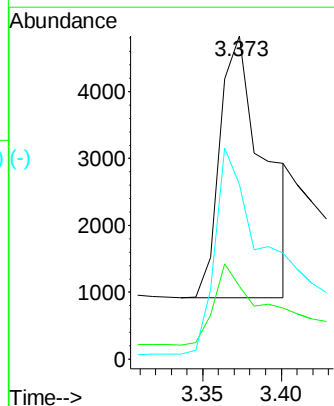
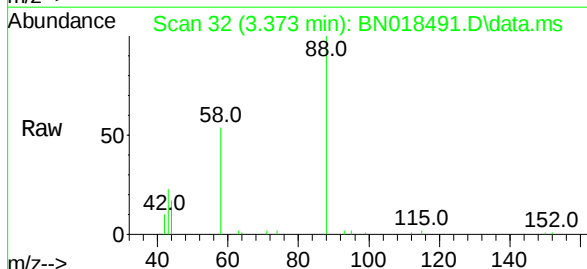
Tgt Ion: 88 Resp: 7745

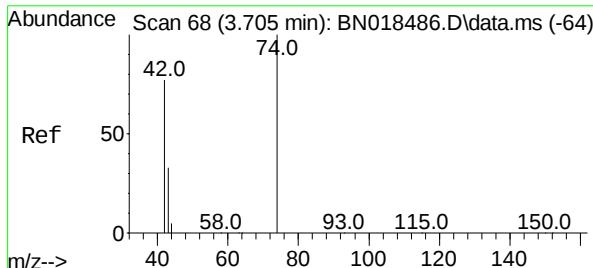
Ion Ratio Lower Upper

88 100

43 30.6 69.7 104.5#

58 81.1 83.8 125.8#

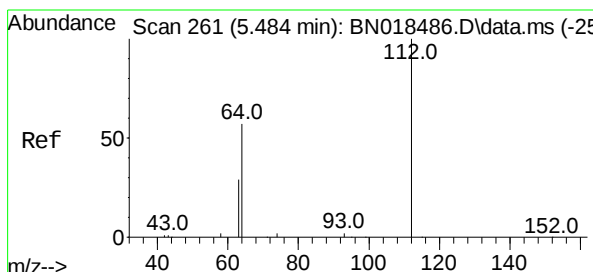
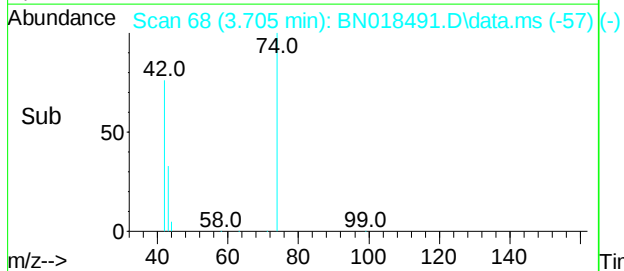
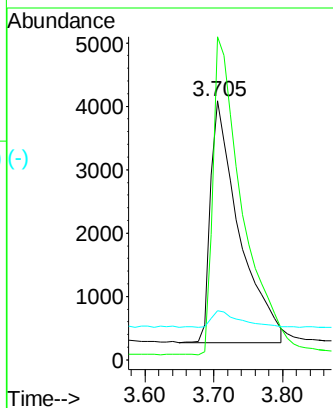
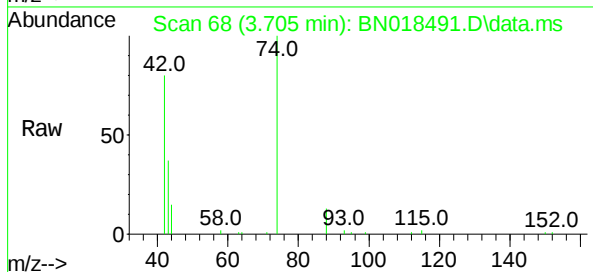




n-Nitrosodimethylamine
 Concen: 0.383 ng
 RT: 3.705 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BN018491.D
 Acq: 27 Jan 2022 15:38

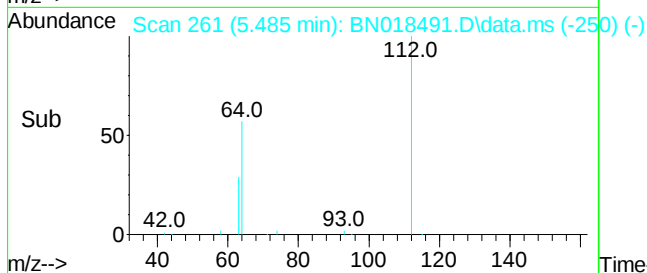
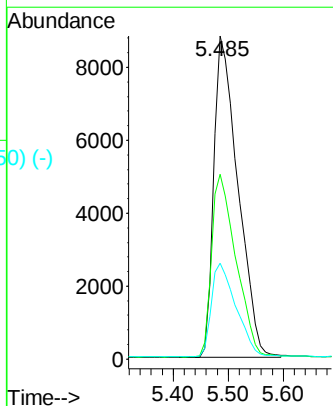
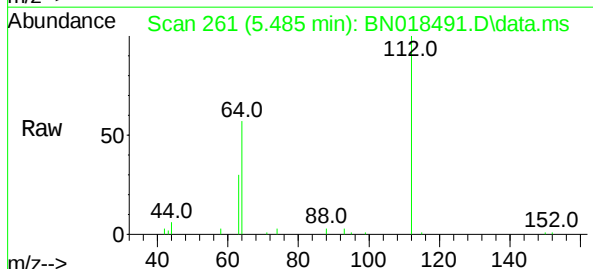
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN012722

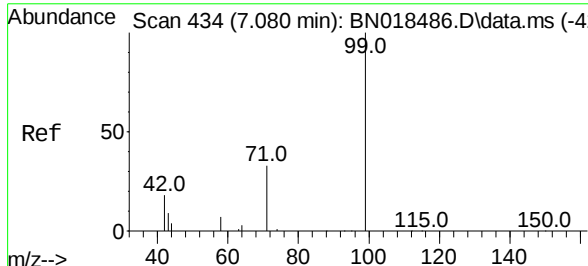
Tgt Ion:	42	Resp:	11032
Ion	Ratio	Lower	Upper
42	100		
74	134.3	108.6	163.0
44	6.9	5.8	8.8



2-Fluorophenol
 Concen: 0.381 ng
 RT: 5.485 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: BN018491.D
 Acq: 27 Jan 2022 15:38

Tgt Ion:	112	Resp:	26963
Ion	Ratio	Lower	Upper
112	100		
64	57.4	48.0	72.0
63	29.7	25.3	37.9

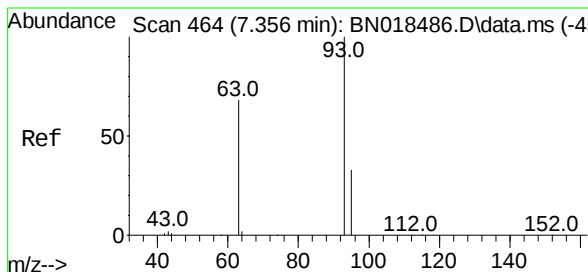
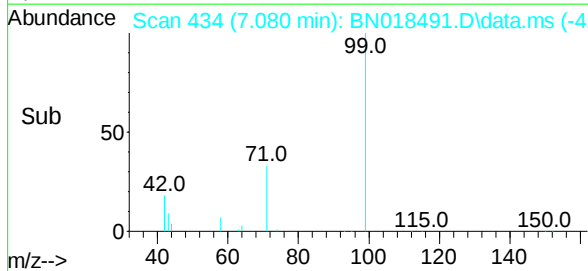
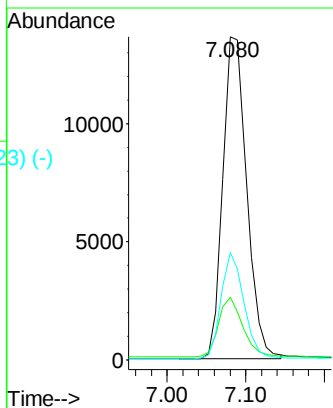
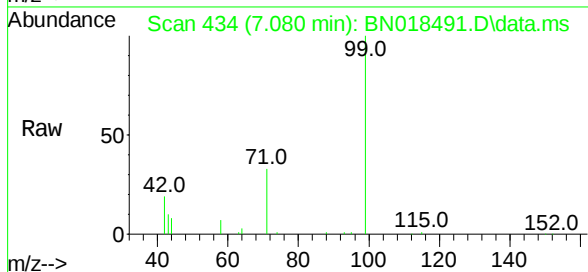




Phenol-d6
Concen: 0.375 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN018491.D
Acq: 27 Jan 2022 15:38

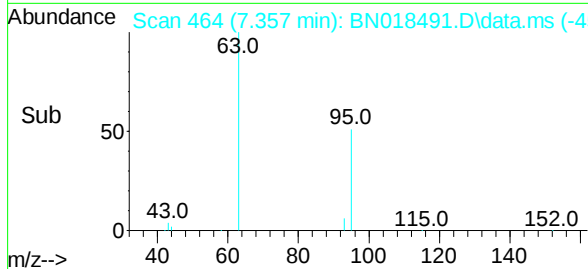
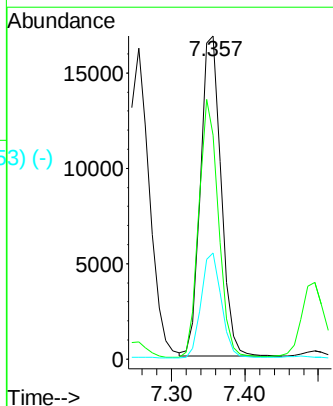
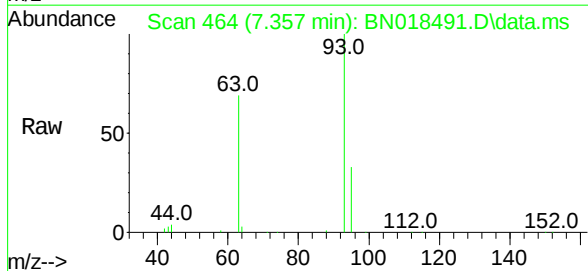
Instrument :
BNA_N
ClientSampleId :
ICVBN012722

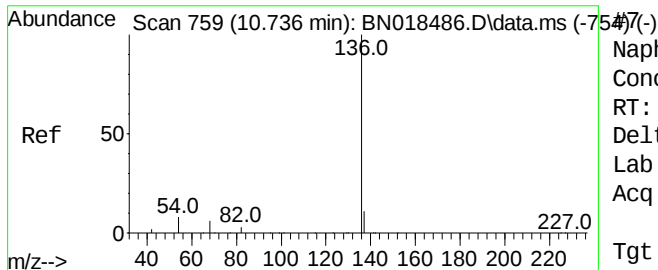
Tgt Ion:	99	Resp:	29039
Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	31.3	26.8	40.2



bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 7.357 min Scan# 464
Delta R.T. 0.000 min
Lab File: BN018491.D
Acq: 27 Jan 2022 15:38

Tgt Ion:	93	Resp:	32597
Ion	Ratio	Lower	Upper
93	100		
63	76.9	61.7	92.5
95	32.4	26.2	39.4





Naphthalene-d8

Concen: 0.400 ng

RT: 10.736 min Scan#

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

Tgt Ion:136 Resp: 119583

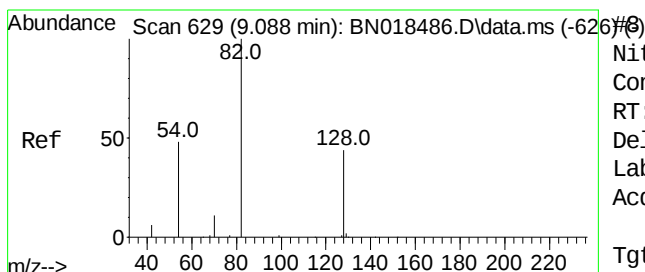
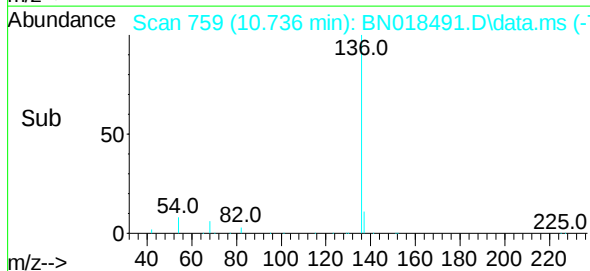
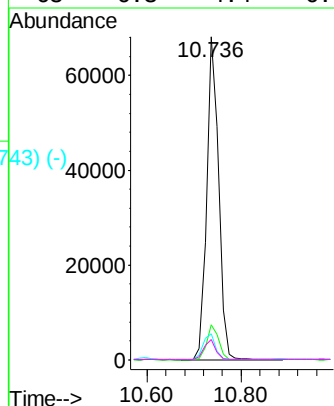
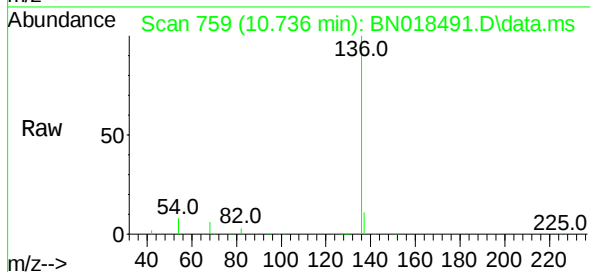
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.2 5.0 7.6#

68 6.3 4.4 6.6



Nitrobenzene-d5

Concen: 0.351 ng

RT: 9.089 min Scan# 629

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

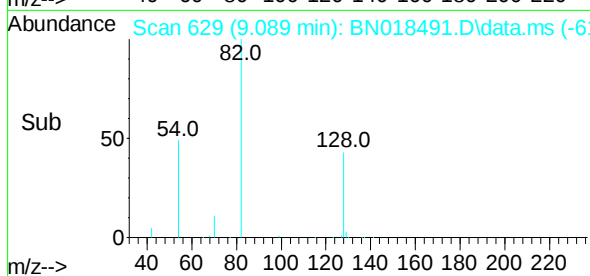
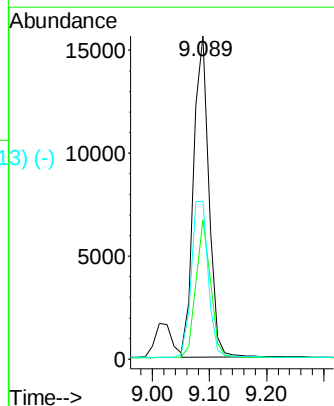
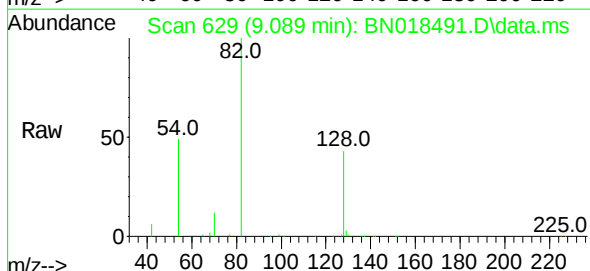
Tgt Ion: 82 Resp: 29037

Ion Ratio Lower Upper

82 100

128 43.1 33.7 50.5

54 49.0 36.6 55.0



Abundance Scan 763 (10.787 min): BN018486.D\data.ms (-755) (-)

Naphthalene

Concen: 0.387 ng

RT: 10.787 min Scan#

Delta R.T. 0.000 min

Lab File: BN018491.D

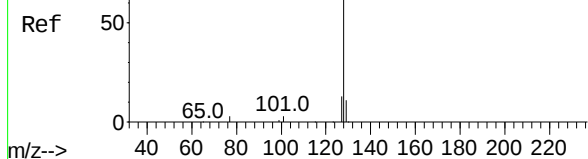
Acq: 27 Jan 2022 15:38

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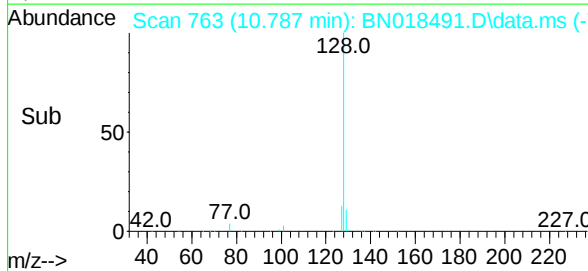
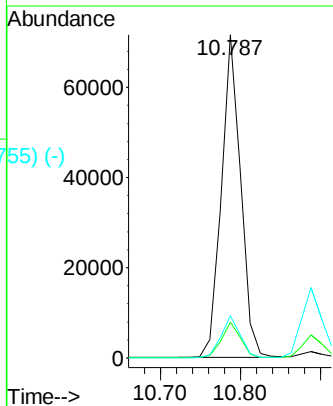
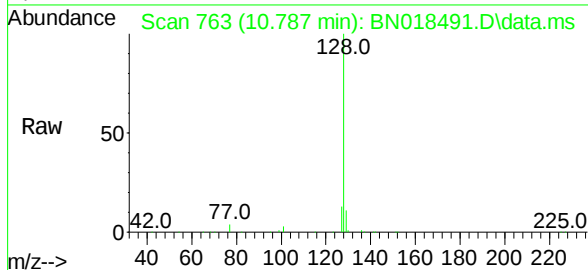
Tgt Ion:128 Resp: 121053

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.0 10.4 15.6



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

Hexachlorobutadiene

Concen: 0.388 ng

RT: 11.091 min Scan# 787

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

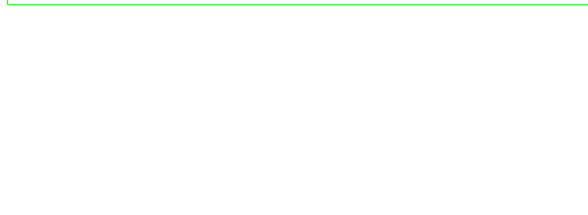
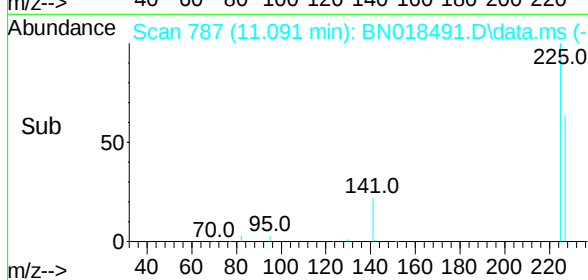
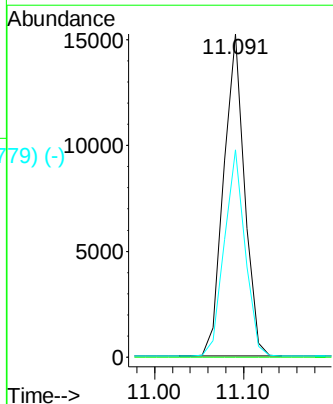
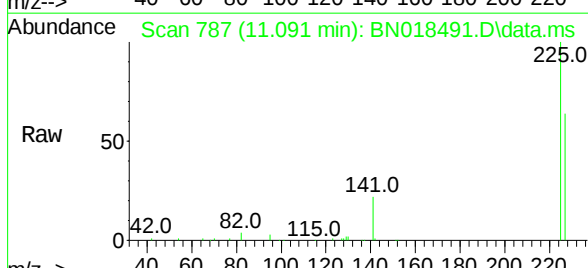
Tgt Ion:225 Resp: 24798

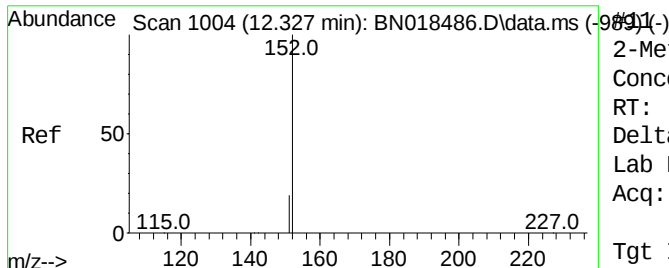
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 51.0 76.6

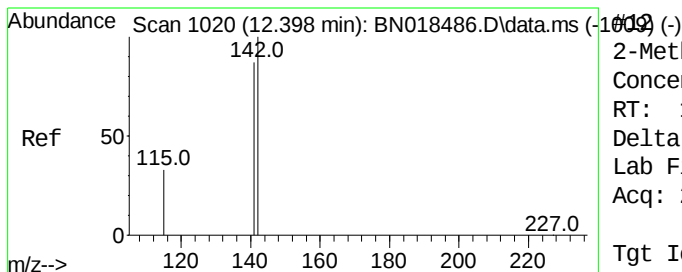
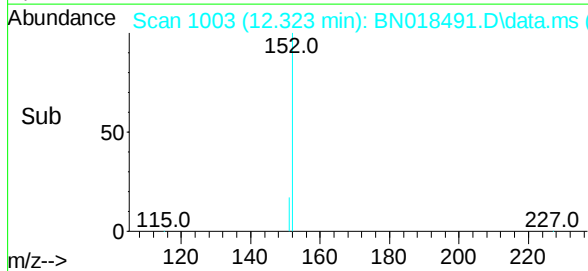
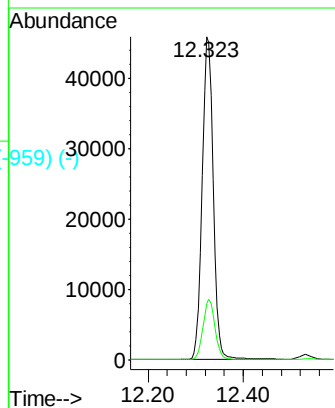
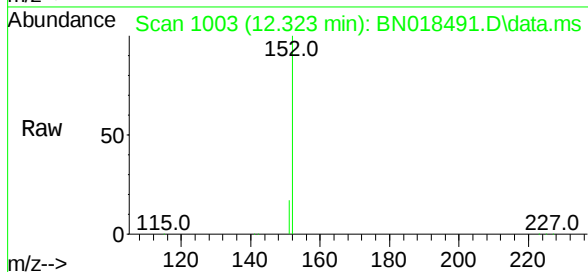




2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.323 min Scan# 1001
 Delta R.T. -0.004 min
 Lab File: BN018491.D
 Acq: 27 Jan 2022 15:38

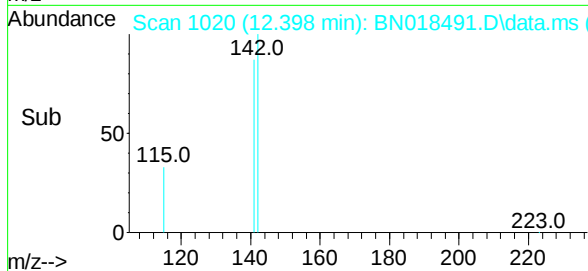
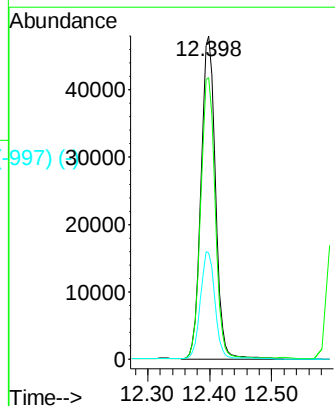
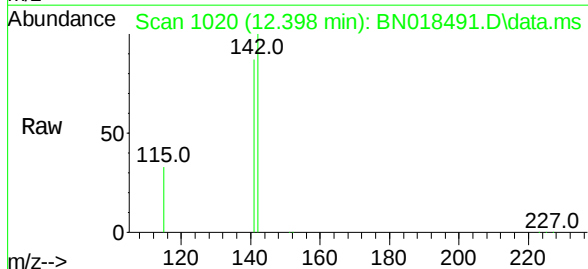
Instrument :
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Tgt Ion:152 Resp: 74034
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.2



2-Methylnaphthalene
 Concen: 0.390 ng
 RT: 12.398 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: BN018491.D
 Acq: 27 Jan 2022 15:38

Tgt Ion:142 Resp: 82006
 Ion Ratio Lower Upper
 142 100
 141 87.1 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: 14.561 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

Tgt Ion:164 Resp: 64922

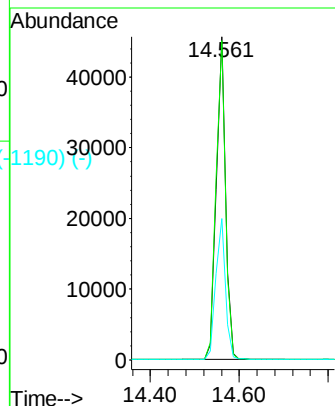
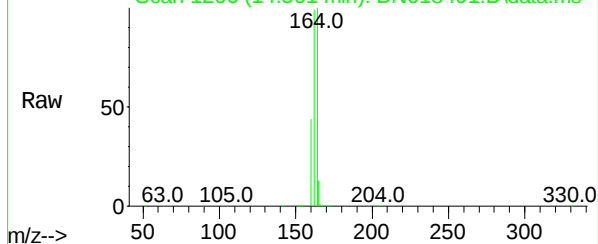
Ion Ratio Lower Upper

164 100

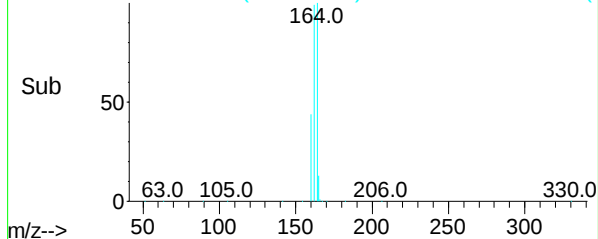
162 98.9 80.2 120.2

160 43.8 36.9 55.3

Abundance Scan 1206 (14.561 min): BN018491.D\data.ms



Abundance Scan 1206 (14.561 min): BN018491.D\data.ms (-1190) (-)



Abundance Scan 1323 (16.044 min): BN018486.D\data.ms (-1318) (-)

2,4,6-Tribromophenol

Concen: 0.346 ng

RT: 16.044 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Tgt Ion:330 Resp: 7541

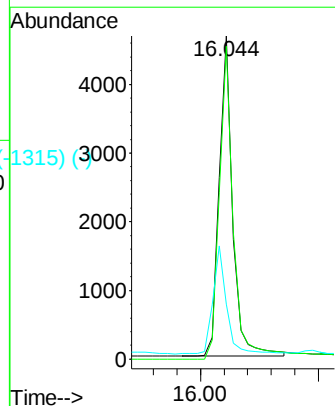
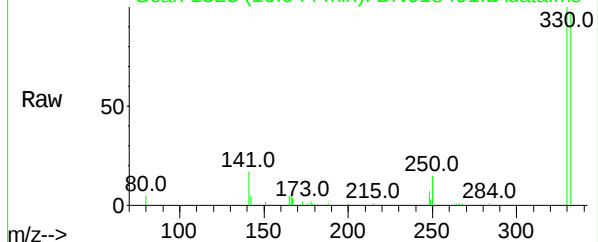
Ion Ratio Lower Upper

330 100

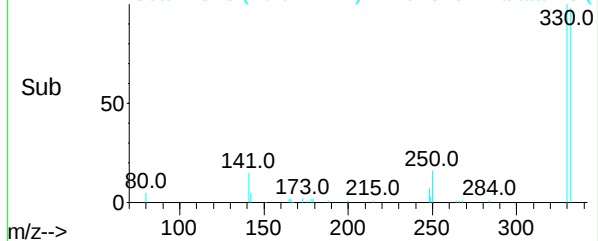
332 101.1 0.0 0.0#

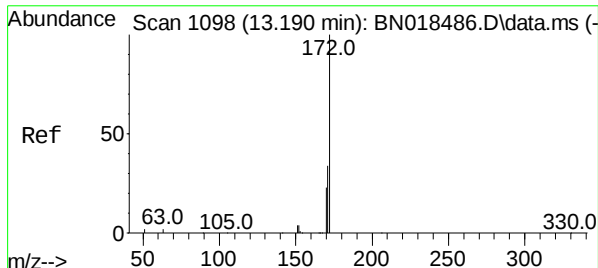
141 33.0 21.3 31.9#

Abundance Scan 1323 (16.044 min): BN018491.D\data.ms



Abundance Scan 1323 (16.044 min): BN018491.D\data.ms (-1315) (-)

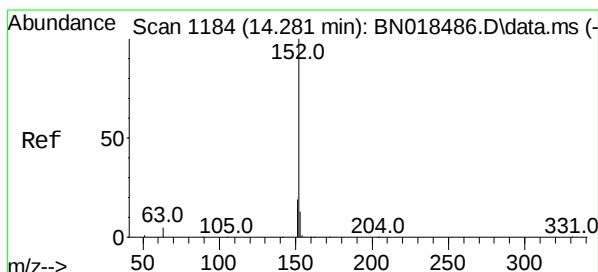
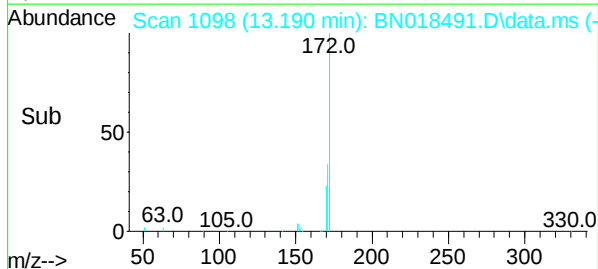
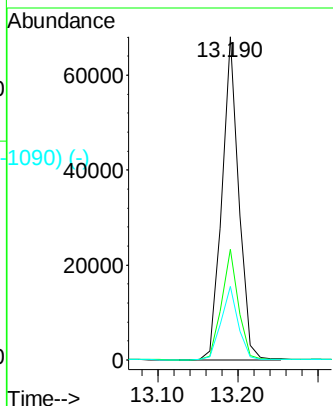
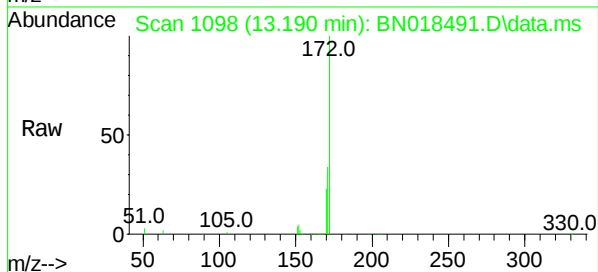




2-Fluorobiphenyl
 Concen: 0.390 ng
 RT: 13.190 min Scan# 1098
 Delta R.T. 0.000 min
 Lab File: BN018491.D
 Acq: 27 Jan 2022 15:38

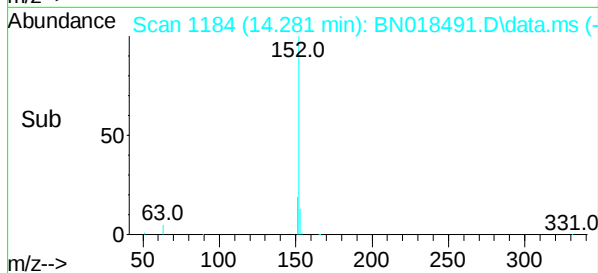
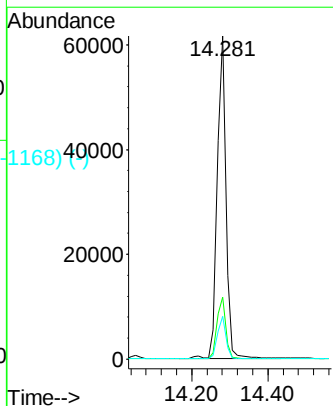
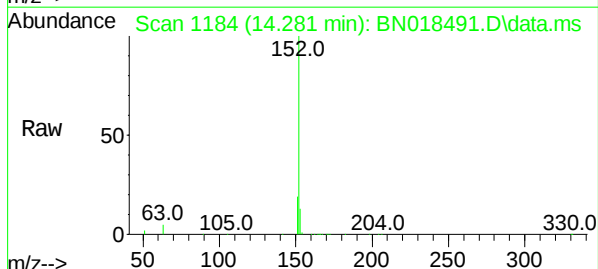
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN012722

Tgt Ion:	172	Resp:	100333
Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.4	41.0
170	22.7	18.4	27.6



Acenaphthylene
 Concen: 0.363 ng
 RT: 14.281 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: BN018491.D
 Acq: 27 Jan 2022 15:38

Tgt Ion:	152	Resp:	99221
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.1	10.5	15.7



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

Acenaphthene

Concen: 0.383 ng

RT: 14.624 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

Tgt Ion:154 Resp: 69868

Ion Ratio Lower Upper

154 100

153 112.2 90.9 136.3

152 54.7 45.0 67.4

Abundance Scan 1211 (14.624 min): BN018491.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): BN018491.D\data.ms (-1203) (-)

Sub 50

63.0 153.0 204.0 330.0

m/z-->

Abundance

14.624

40000

30000

20000

10000

0

Time-->

14.60 14.80

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

Fluorene

Concen: 0.379 ng

RT: 15.601 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Tgt Ion:166 Resp: 84990

Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.6

167 13.5 10.9 16.3

Abundance Scan 1288 (15.601 min): BN018491.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): BN018491.D\data.ms (-1272) (-)

Sub 50

51.0 89.0 166.0 204.0 330.0

m/z-->

Abundance

15.601

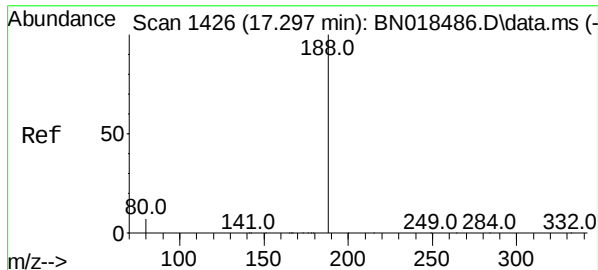
40000

20000

0

Time-->

15.60 15.80



Scan 1426 (17.297 min): BN018486.D\data.ms (-1426) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.297 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

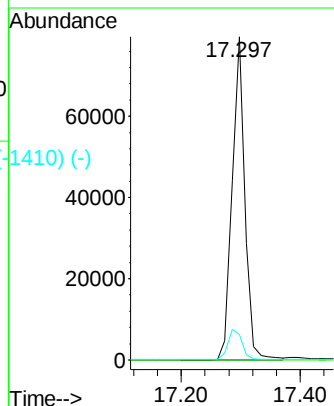
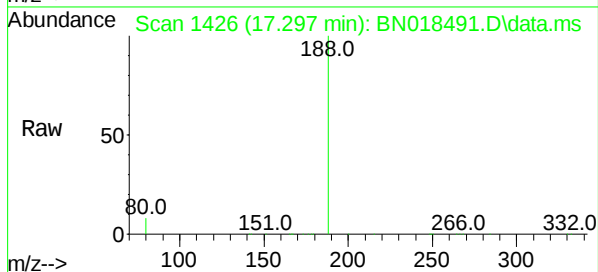
Tgt Ion:188 Resp: 119151

Ion Ratio Lower Upper

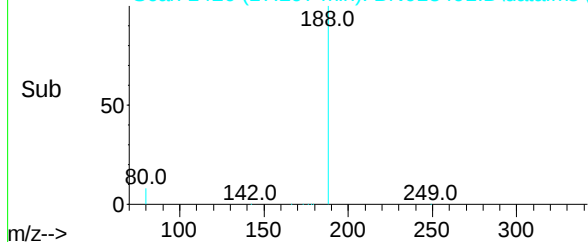
188 100

94 0.0 0.0 0.0

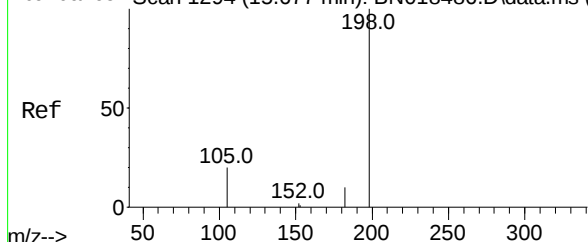
80 8.0 7.0 10.4



Scan 1426 (17.297 min): BN018491.D\data.ms (-1410) (-)



Scan 1294 (15.677 min): BN018486.D\data.ms (-1289) (-)



4,6-Dinitro-2-methylphenol

Concen: 0.309 ng

RT: 15.677 min Scan# 1294

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

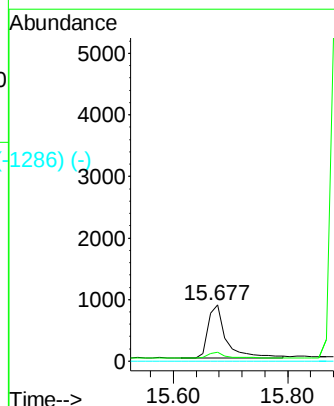
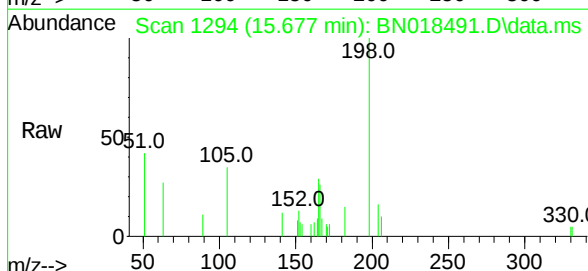
Tgt Ion:198 Resp: 1874

Ion Ratio Lower Upper

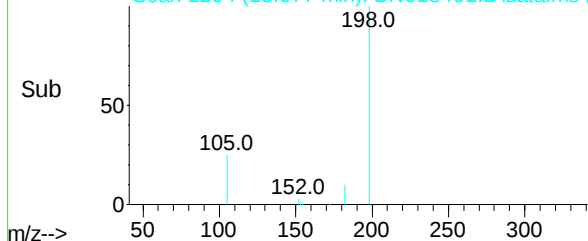
198 100

182 15.3 15.5 23.3#

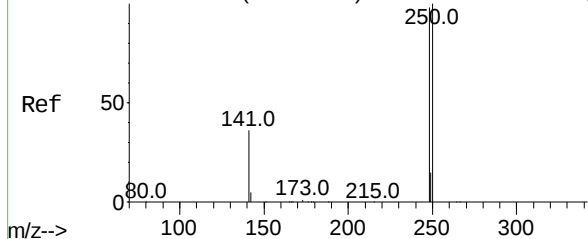
77 0.0 0.0 0.0



Scan 1294 (15.677 min): BN018491.D\data.ms (-1286) (-)



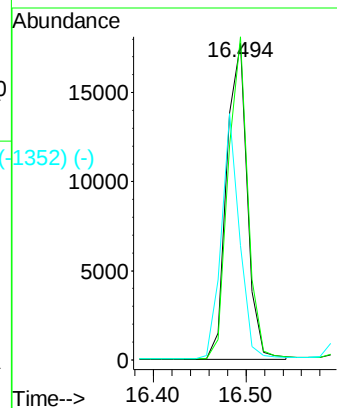
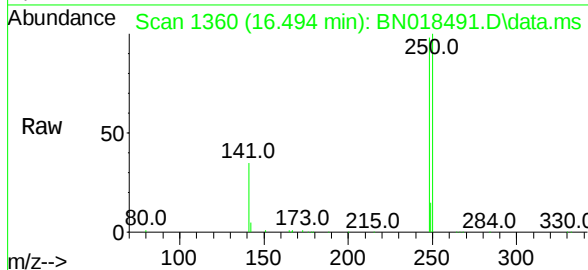
Abundance Scan 1360 (16.494 min): BN018486.D\data.ms (-1352) (-)



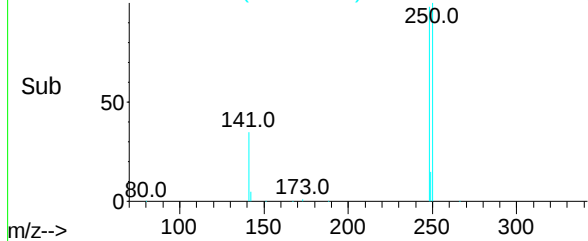
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.494 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BN018491.D
Acq: 27 Jan 2022 15:38

Instrument :
BNA_N
ClientSampleId :
ICVBN012722

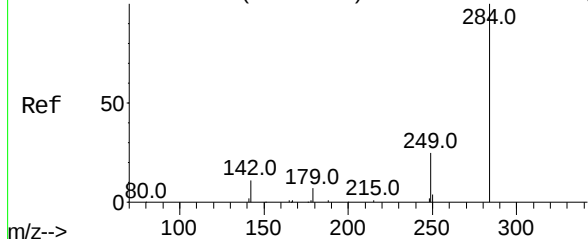
Tgt Ion:248 Resp: 27380
Ion Ratio Lower Upper
248 100
250 102.1 74.4 111.6
141 36.2 43.7 65.5#



Abundance Scan 1360 (16.494 min): BN018491.D\data.ms (-1352) (-)

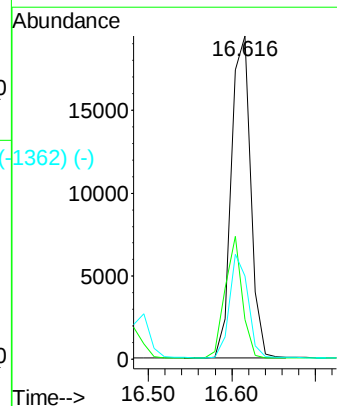
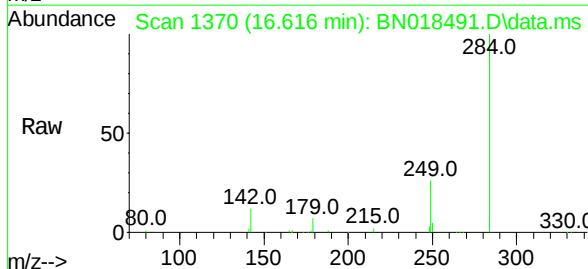


Abundance Scan 1370 (16.616 min): BN018486.D\data.ms (-1362) (-)

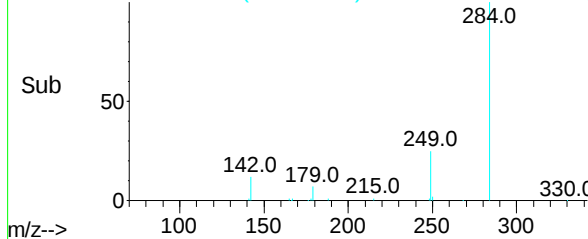


Hexachlorobenzene
Concen: 0.394 ng
RT: 16.616 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN018491.D
Acq: 27 Jan 2022 15:38

Tgt Ion:284 Resp: 31856
Ion Ratio Lower Upper
284 100
142 33.0 21.6 32.4#
249 30.4 23.5 35.3



Abundance Scan 1370 (16.616 min): BN018491.D\data.ms (-1362) (-)



Abundance Scan 1381 (16.749 min): BN018486.D\data.ms (-1323) (-)

Atrazine

Concen: 0.354 ng

RT: 16.750 min Scan# 1381

Delta R.T. 0.001 min

Lab File: BN018491.D

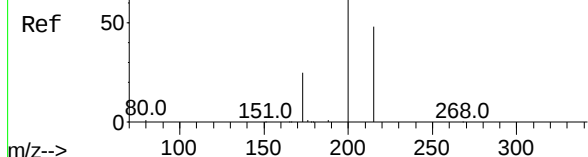
Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722



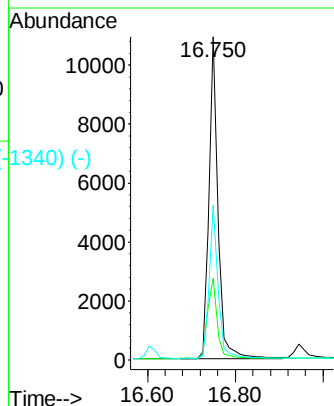
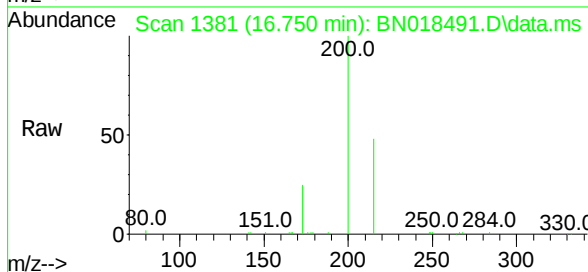
Tgt Ion:200 Resp: 15537

Ion Ratio Lower Upper

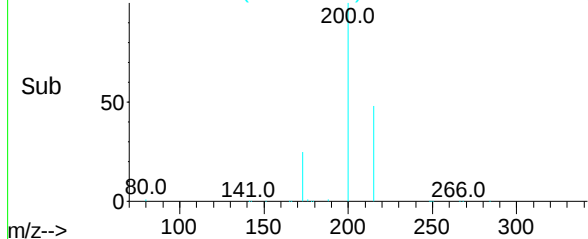
200 100

173 25.3 20.3 30.5

215 48.0 40.4 60.6



Abundance Scan 1381 (16.750 min): BN018491.D\data.ms (-1340) (-)



Abundance Scan 1397 (16.944 min): BN018486.D\data.ms (-1324) (-)

Pentachlorophenol

Concen: 0.456 ng

RT: 16.945 min Scan# 1397

Delta R.T. 0.001 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

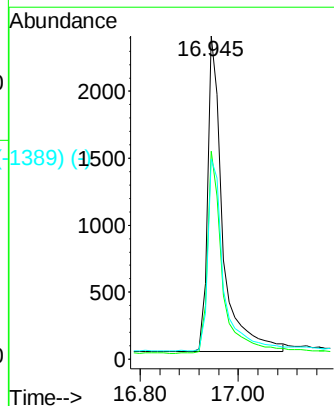
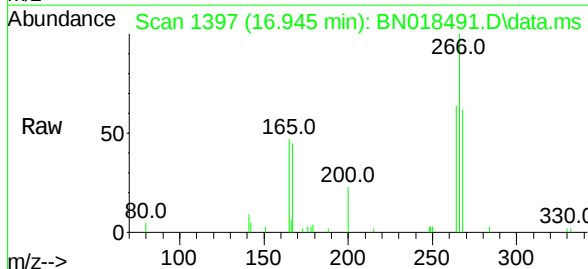
Tgt Ion:266 Resp: 5081

Ion Ratio Lower Upper

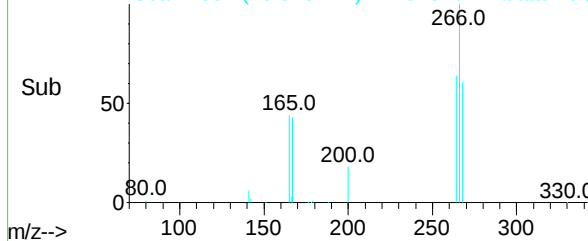
266 100

264 63.0 49.5 74.3

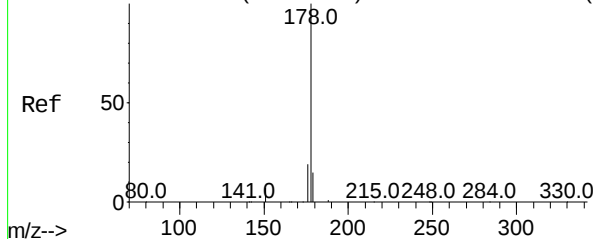
268 63.1 50.6 76.0



Abundance Scan 1397 (16.945 min): BN018491.D\data.ms (-1389) (-)



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



Phenanthrene

Concen: 0.390 ng

RT: 17.334 min Scan# 1429

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

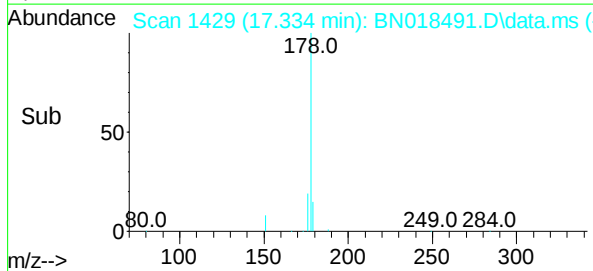
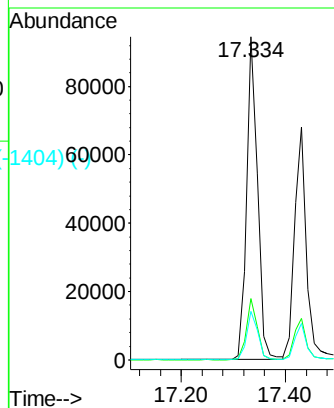
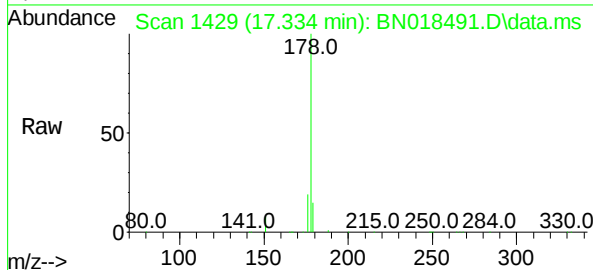
Tgt Ion:178 Resp: 135819

Ion Ratio Lower Upper

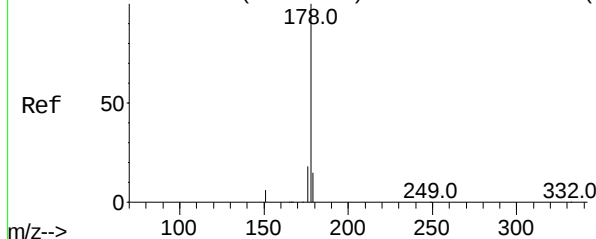
178 100

176 18.8 15.3 22.9

179 15.3 12.3 18.5



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



Anthracene

Concen: 0.368 ng

RT: 17.431 min Scan# 1437

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

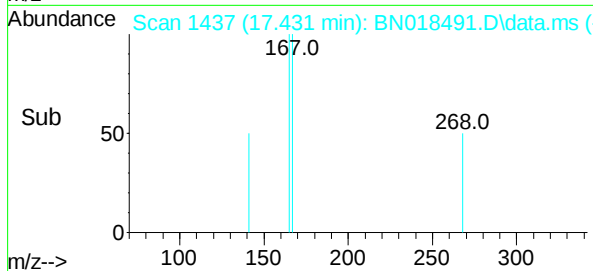
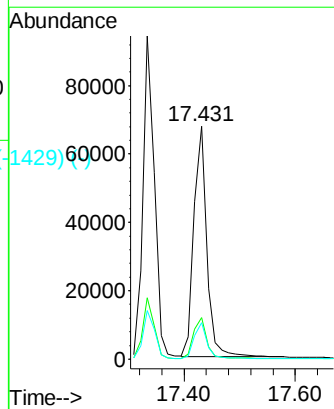
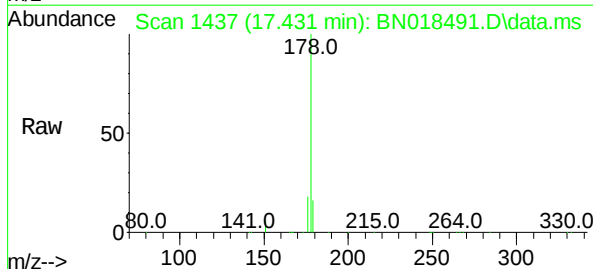
Tgt Ion:178 Resp: 108761

Ion Ratio Lower Upper

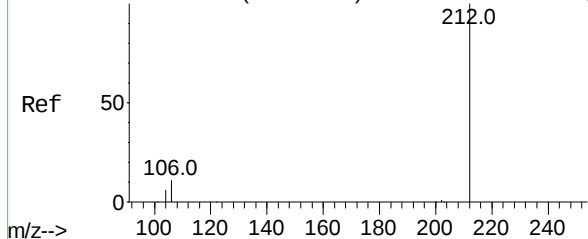
178 100

176 18.1 14.8 22.2

179 15.3 12.2 18.4



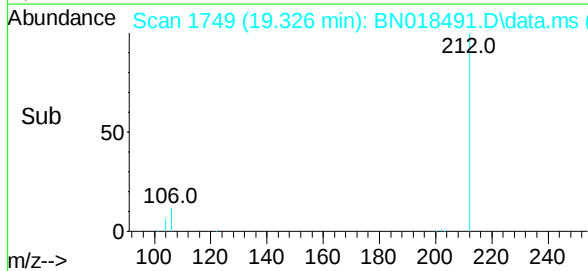
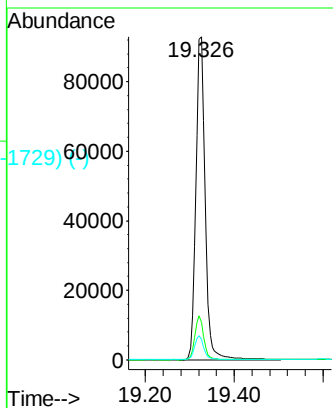
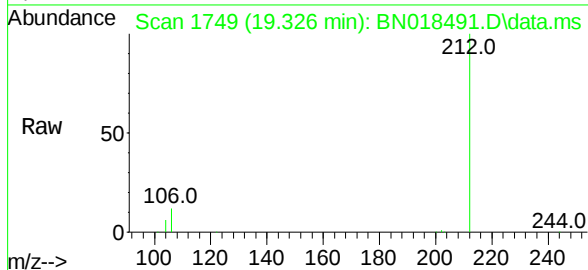
Abundance Scan 1749 (19.326 min): BN018486.D\data.ms (-1729) (-)



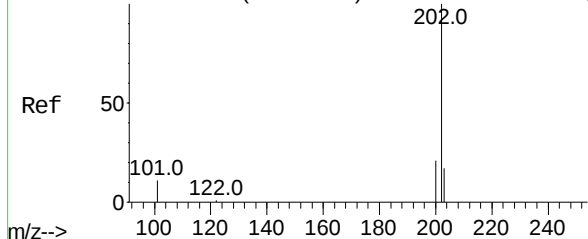
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.326 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN018491.D
Acq: 27 Jan 2022 15:38

Instrument :
BNA_N
ClientSampleId :
ICVBN012722

Tgt Ion:	212	Resp:	133265
Ion Ratio	Lower	Upper	
212	100		
106	13.1	8.4	12.6#
104	7.2	4.5	6.7#

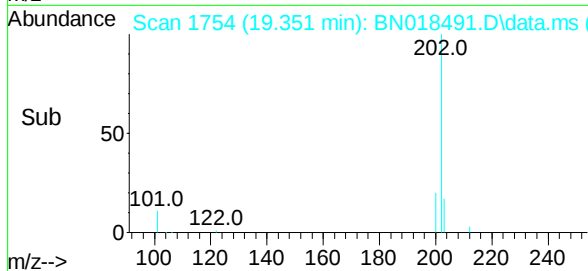
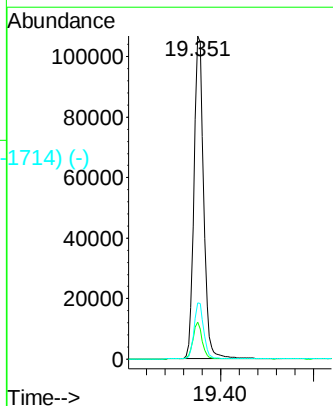
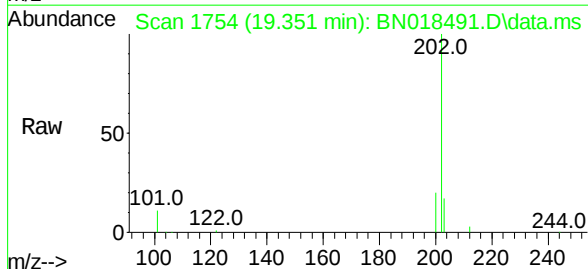


Abundance Scan 1754 (19.351 min): BN018486.D\data.ms (-1729) (-)

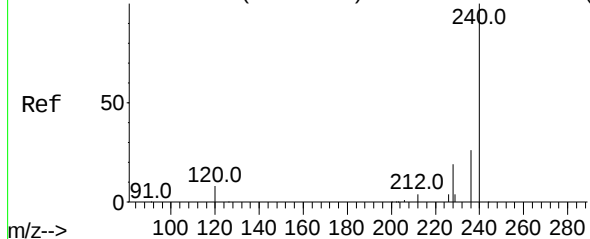


Fluoranthene
Concen: 0.396 ng
RT: 19.351 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN018491.D
Acq: 27 Jan 2022 15:38

Tgt Ion:	202	Resp:	152111
Ion Ratio	Lower	Upper	
202	100		
101	11.0	7.2	10.8#
203	17.3	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: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

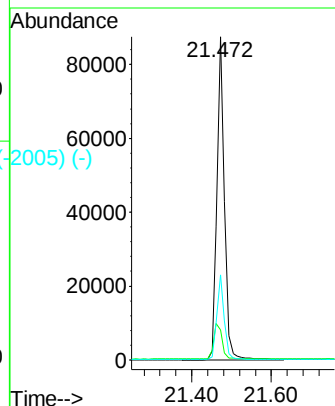
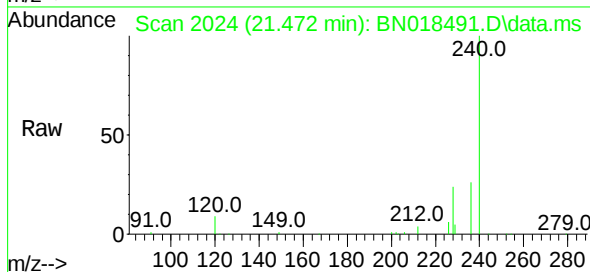
Tgt Ion:240 Resp: 115511

Ion Ratio Lower Upper

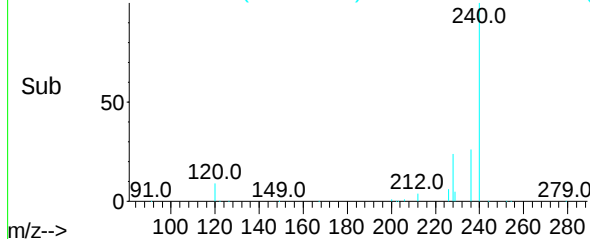
240 100

120 9.2 6.0 9.0#

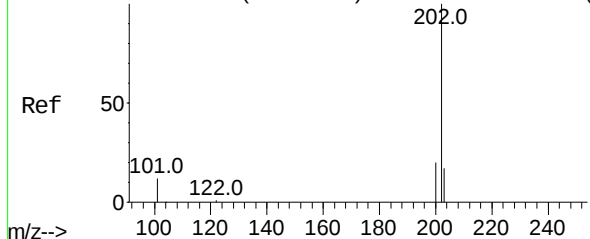
236 26.2 21.4 32.2



Abundance Scan 2024 (21.472 min): BN018491.D\data.ms (-2005) (-)



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



Pyrene

Concen: 0.381 ng

RT: 19.713 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

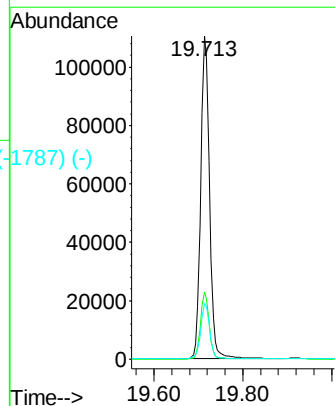
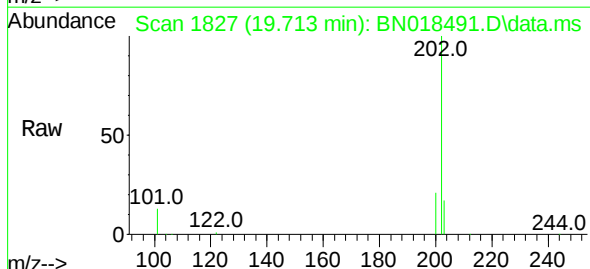
Tgt Ion:202 Resp: 150759

Ion Ratio Lower Upper

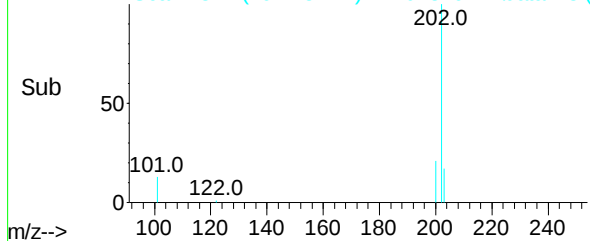
202 100

200 20.6 16.6 25.0

203 17.8 14.1 21.1



Abundance Scan 1827 (19.713 min): BN018491.D\data.ms (-1787) (-)



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

Terphenyl-d14

Concen: 0.386 ng

RT: 19.917 min Scan# 1868

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

Tgt Ion:244 Resp: 113350

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 12.7 7.9 11.9#

Abundance Scan 1868 (19.917 min): BN018491.D\data.ms

Ref 50

244.0

122.0

212.0

101.0

m/z-->

100 120 140 160 180 200 220 240

Abundance Scan 1868 (19.917 min): BN018491.D\data.ms (-1838) (-)

Ref 50

244.0

122.0

212.0

101.0

m/z-->

100 120 140 160 180 200 220 240

Abundance

80000

60000

40000

20000

0

19.917

19.90 20.00

Time-->

Abundance Scan 2022 (21.450 min): BN018486.D\data.ms (-2032) (-)

Benzo(a)anthracene

Concen: 0.358 ng

RT: 21.461 min Scan# 2023

Delta R.T. 0.011 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Tgt Ion:228 Resp: 137532

Ion Ratio Lower Upper

228 100

226 25.7 21.3 31.9

229 20.1 15.9 23.9

Abundance Scan 2023 (21.461 min): BN018491.D\data.ms

Ref 50

228.0

120.0

149.0

200.0

254.0279.0

m/z-->

100 120 140 160 180 200 220 240 260 280

Abundance Scan 2023 (21.461 min): BN018491.D\data.ms (-2032) (-)

Ref 50

228.0

120.0

149.0

200.0

254.0279.0

m/z-->

100 120 140 160 180 200 220 240 260 280

Abundance

100000

80000

60000

40000

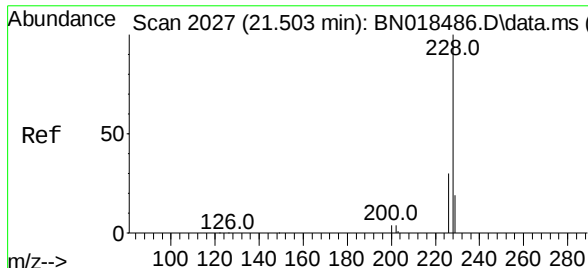
20000

0

21.461

21.40 21.50

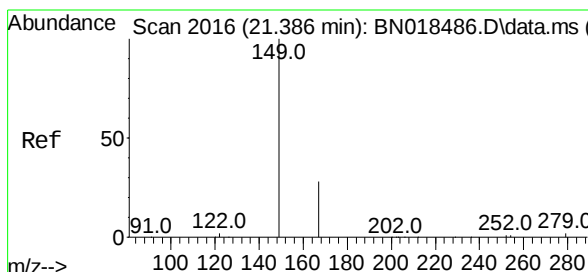
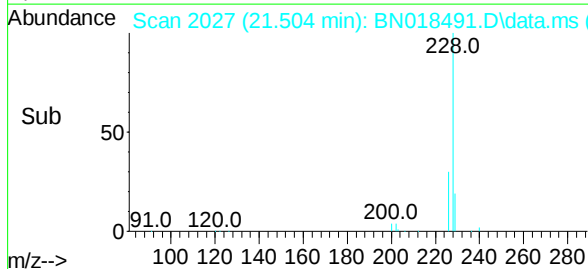
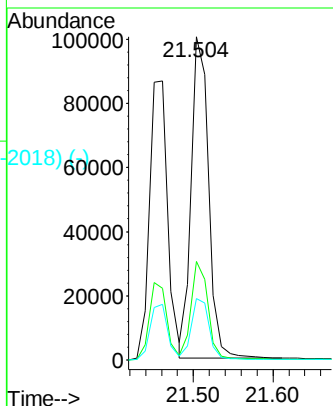
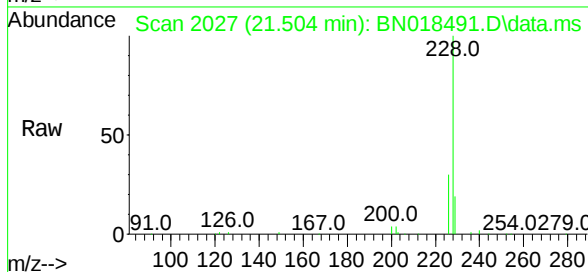
Time-->



Scan 2027 (21.503 min): BN018486.D\data.ms (-2023) (-)
 Chrysene
 Concen: 0.390 ng
 RT: 21.504 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BN018491.D
 Acq: 27 Jan 2022 15:38

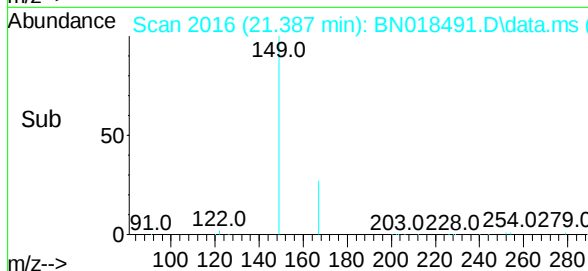
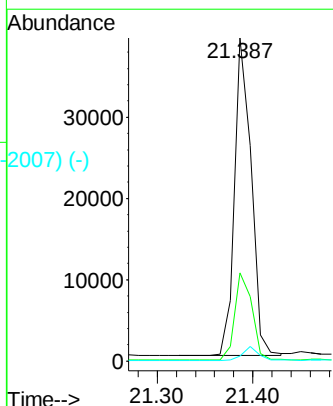
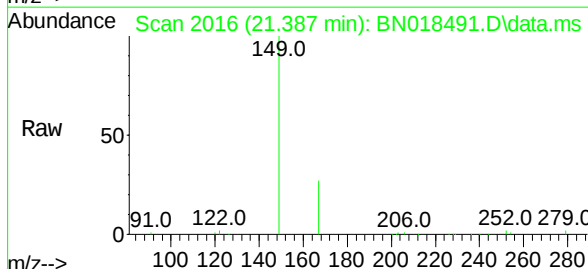
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN012722

Tgt Ion:	228	Resp:	151595
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.0	15.5	23.3



Scan 2016 (21.386 min): BN018486.D\data.ms (-2024) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.308 ng
 RT: 21.387 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: BN018491.D
 Acq: 27 Jan 2022 15:38

Tgt Ion:	149	Resp:	47813
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.7	35.5
279	3.9	3.6	5.4



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

Perylene-d12

Concen: 0.400 ng

RT: 23.878 min Scan# 1

Delta R.T. 0.004 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

Tgt Ion:264 Resp: 103912

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

265 24.4 18.2 27.2

Abundance Scan 2542 (23.878 min): BN018491.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2542 (23.878 min): BN018491.D\data.ms (-2497) (-)

Ref 50

264.0

Sub 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.878

40000

30000

20000

10000

0

Time-->

23.80 24.00

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

Indeno(1,2,3-cd)pyrene

Concen: 0.365 ng

RT: 26.370 min Scan# 3270

Delta R.T. 0.000 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Tgt Ion:276 Resp: 136500

Ion Ratio Lower Upper

276 100

138 24.6 14.9 22.3#

277 24.8 19.9 29.9

Abundance Scan 3270 (26.370 min): BN018491.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): BN018491.D\data.ms (-3241) (-)

Ref 50

276.0

Sub 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.370

40000

30000

20000

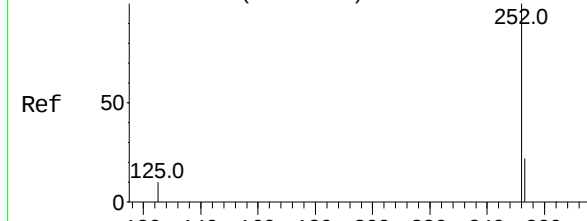
10000

0

Time-->

26.20 26.40

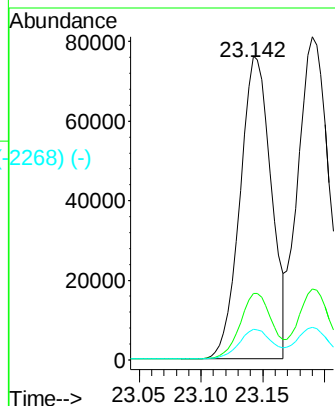
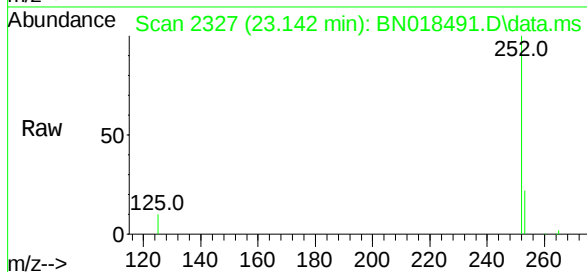
Abundance Scan 2327 (23.142 min): BN018486.D\data.ms (-2327) (-)



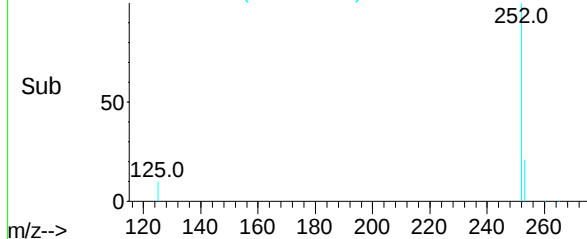
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 23.142 min Scan# 2327
Delta R.T. 0.000 min
Lab File: BN018491.D
Acq: 27 Jan 2022 15:38

Instrument :
BNA_N
ClientSampleId :
ICVBN012722

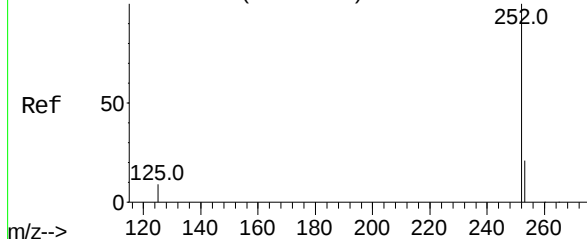
Tgt Ion:	252	Resp:	133738
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.2	6.0	9.0#



Abundance Scan 2327 (23.142 min): BN018491.D\data.ms (-2268) (-)

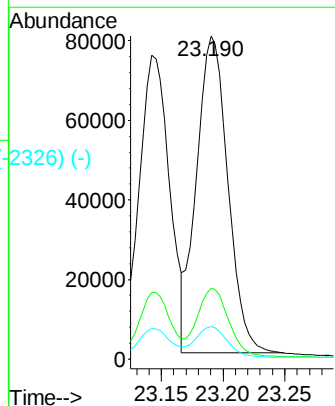
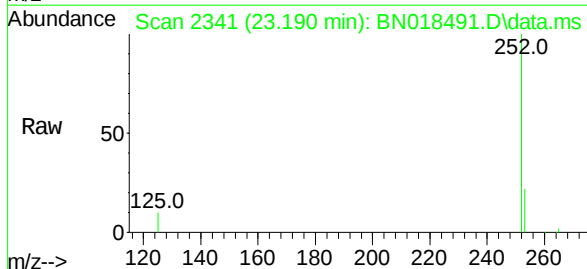


Abundance Scan 2341 (23.190 min): BN018486.D\data.ms (-2338) (-)

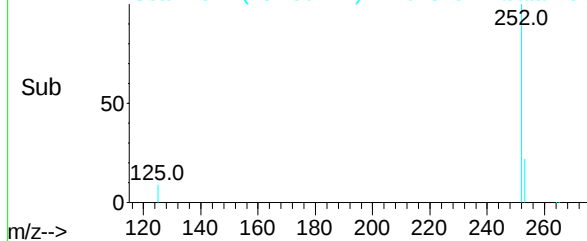


Benzo(k)fluoranthene
Concen: 0.393 ng
RT: 23.190 min Scan# 2341
Delta R.T. 0.000 min
Lab File: BN018491.D
Acq: 27 Jan 2022 15:38

Tgt Ion:	252	Resp:	140640
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.1	6.2	9.2#



Abundance Scan 2341 (23.190 min): BN018491.D\data.ms (-2326) (-)



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

Benzo(a)pyrene

Concen: 0.358 ng

RT: 23.769 min Scan# 1

Delta R.T. 0.004 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Instrument :

BNA_N

ClientSampleId :

ICVBN012722

Tgt Ion:252 Resp: 102439

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 11.4 7.0 10.4#

Abundance Scan 2510 (23.769 min): BN018491.D\data.ms

Raw

252.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 2510 (23.769 min): BN018491.D\data.ms (-2450) (-)

Sub

252.0

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.769

40000

30000

20000

10000

0

Time-->

23.70 23.80 23.90

Abundance Scan 3274 (26.383 min): BN018486.D\data.ms (-3245) (-)

Dibenzo(a,h)anthracene

Concen: 0.364 ng

RT: 26.387 min Scan# 3275

Delta R.T. 0.004 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

Tgt Ion:278 Resp: 105978

Ion Ratio Lower Upper

278 100

139 17.5 10.8 16.2#

279 23.8 19.0 28.4

Abundance Scan 3275 (26.387 min): BN018491.D\data.ms

Raw

278.0

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 3275 (26.387 min): BN018491.D\data.ms (-3245) (-)

Sub

278.0

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.387

30000

20000

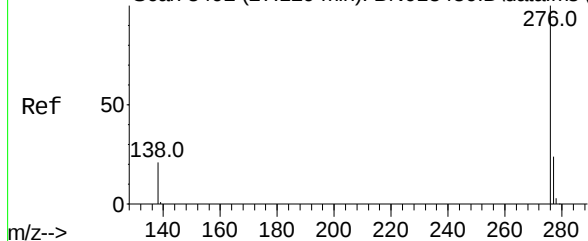
10000

0

Time-->

26.40

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



Benzo(g,h,i)perylene

Concen: 0.367 ng

RT: 27.133 min Scan# 3491

Delta R.T. 0.004 min

Lab File: BN018491.D

Acq: 27 Jan 2022 15:38

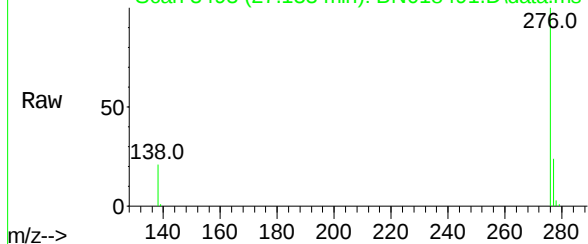
Instrument :

BNA_N

ClientSampleId :

ICVBN012722

Abundance Scan 3493 (27.133 min): BN018491.D\data.ms



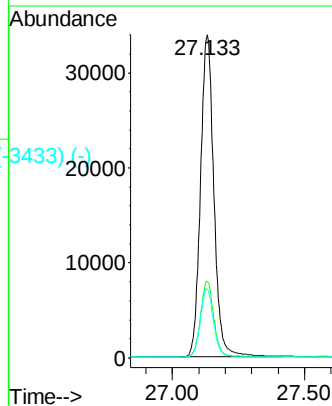
Tgt Ion:276 Resp: 119240

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 21.3 12.6 19.0#



Abundance Scan 3493 (27.133 min): BN018491.D\data.ms (-3493) (-)

