

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090921\
 Data File : BN016283.D
 Acq On : 10 Sep 2021 08:09
 Operator : CG/JU
 Sample : M3561-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUPLICATE-082521

Quant Time: Sep 10 08:37:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 09 15:19:08 2021
 Response via : Initial Calibration

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

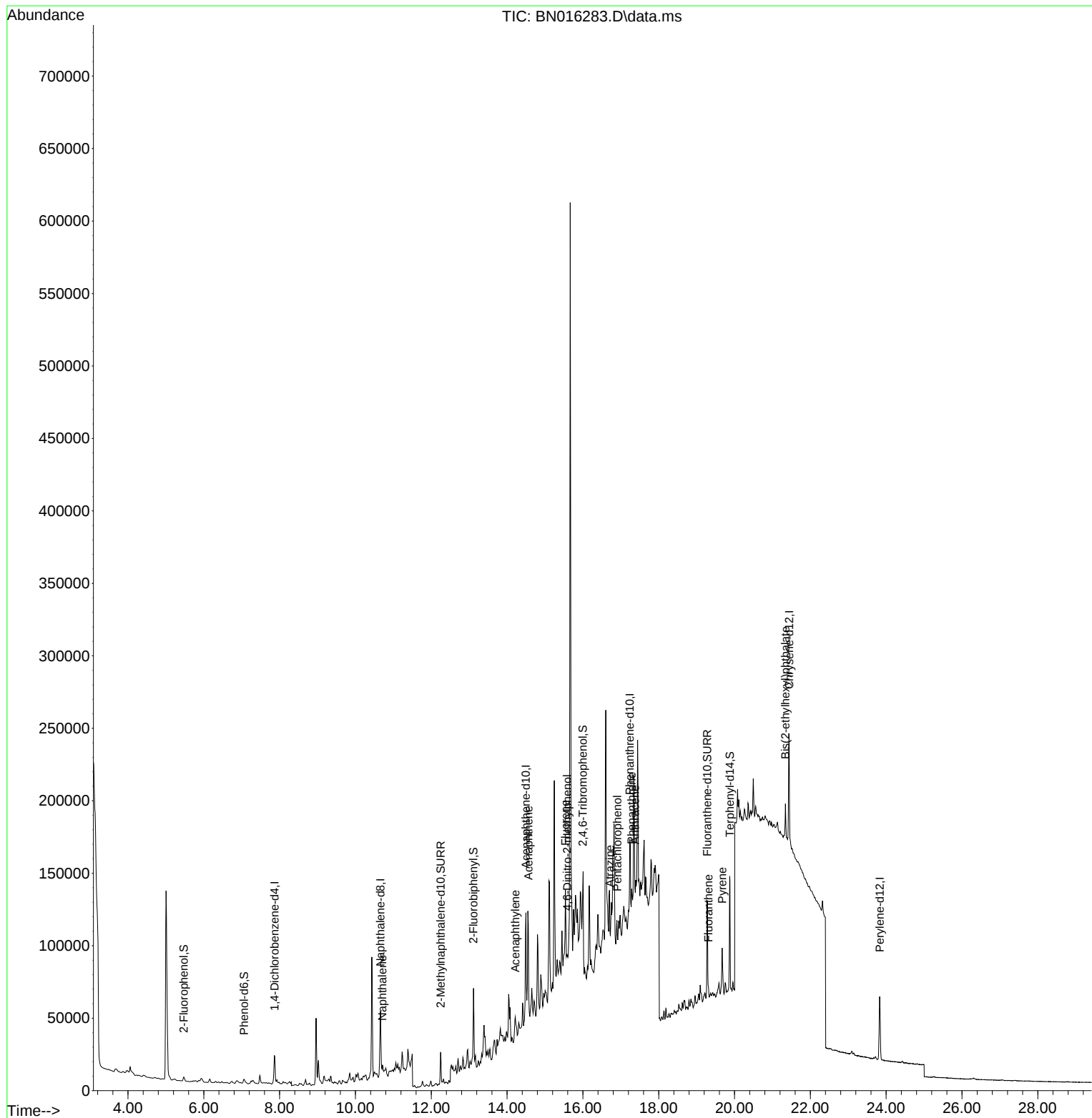
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	11705	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	60741	0.400	ng	# 0.00
13) Acenaphthene-d10	14.497	164	44260	0.400	ng	# 0.00
19) Phenanthrene-d10	17.237	188	74825	0.400	ng	# 0.00
29) Chrysene-d12	21.440	240	79677	0.400	ng	# 0.01
35) Perylene-d12	23.830	264	64774	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.476	112	4039	0.135	ng	0.02
5) Phenol-d6	7.062	99	3035	0.081	ng	0.03
8) Nitrobenzene-d5	8.949	82	535	0.011	ng	-0.06
11) 2-Methylnaphthalene-d10	12.247	152	32899	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	6884	0.379	ng	0.01
15) 2-Fluorobiphenyl	13.114	172	47217	0.272	ng	0.00
27) Fluoranthene-d10	19.281	212	80818	0.368	ng	0.00
31) Terphenyl-d14	19.877	244	75998	0.380	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.711	128	3688	0.023	ng	# 21
16) Acenaphthylene	14.218	152	11232	0.057	ng	# 1
17) Acenaphthene	14.561	154	40959	0.319	ng	# 91
18) Fluorene	15.538	166	34746	0.218	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.588	198	253	0.291	ng	# 1
23) Atrazine	16.713	200	3338	0.091	ng	# 1
24) Pentachlorophenol	16.908	266	237	0.146	ng	# 56
25) Phenanthrene	17.285	178	4540	0.021	ng	# 17
26) Anthracene	17.371	178	19250	0.096	ng	# 62
28) Fluoranthene	19.311	202	8696	0.034	ng	# 89
30) Pyrene	19.674	202	29428	0.109	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.344	149	19919	0.130	ng	# 87

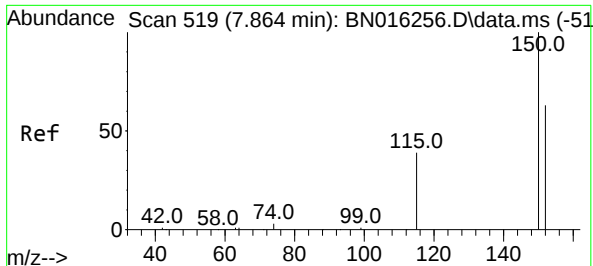
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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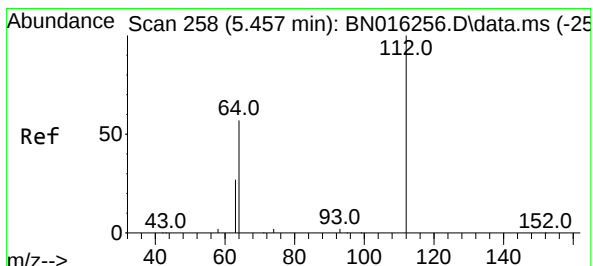
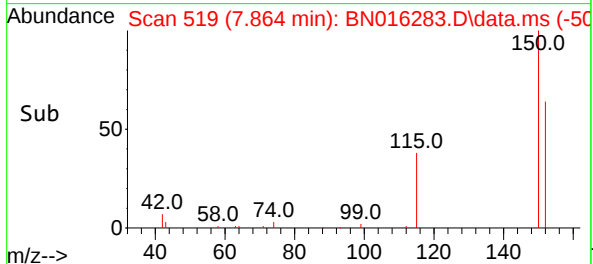
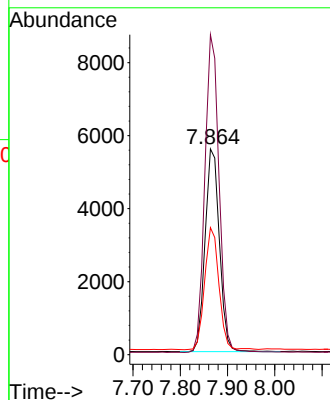
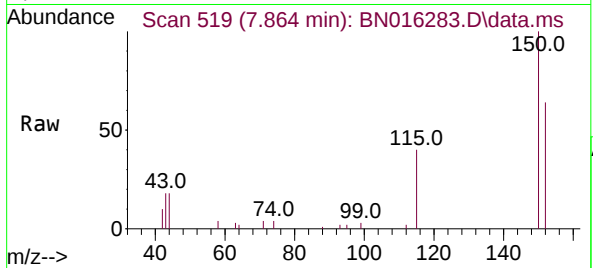




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.864 min Scan# 519
 Delta R.T. -0.000 min
 Lab File: BN016283.D
 Acq: 10 Sep 2021 08:09

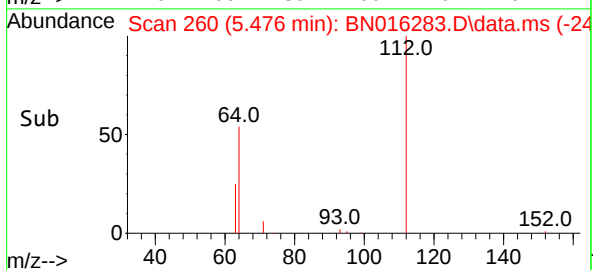
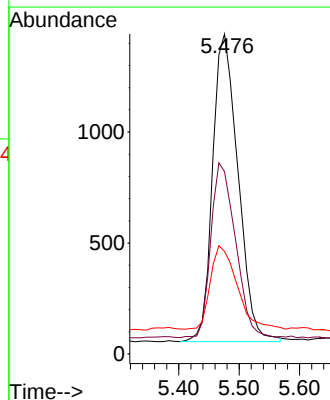
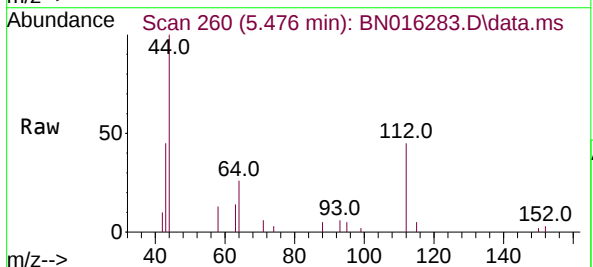
Instrument :
 BNA_N
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 DUPLICATE-082521

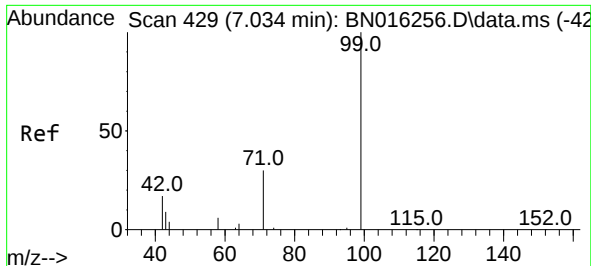
Tgt Ion:152 Resp: 11705
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.6 188.4
 115 61.8 50.2 75.2



#4
 2-Fluorophenol
 Concen: 0.135 ng
 RT: 5.476 min Scan# 260
 Delta R.T. 0.018 min
 Lab File: BN016283.D
 Acq: 10 Sep 2021 08:09

Tgt Ion:112 Resp: 4039
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.3 70.9
 63 28.4 23.4 35.0

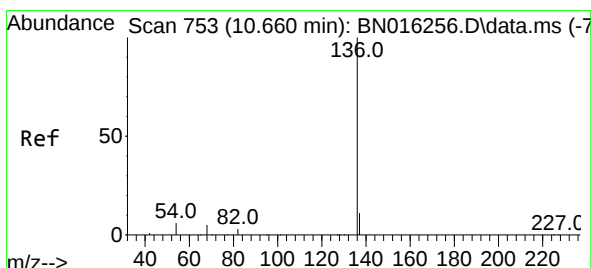
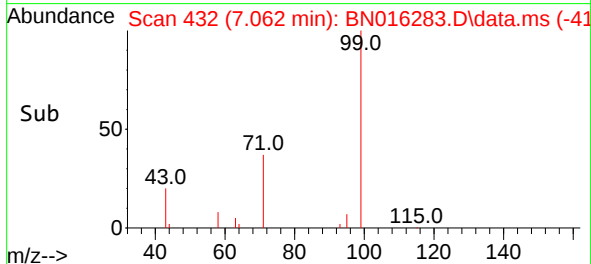
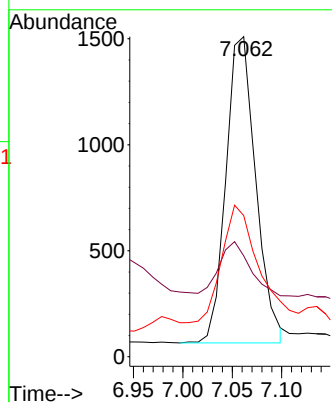
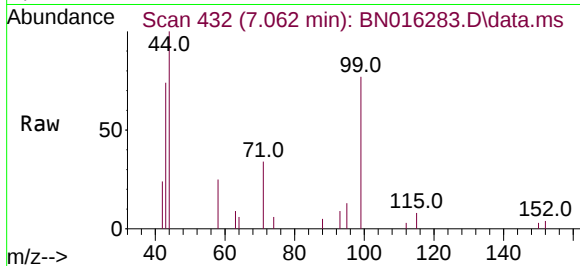




#5
Phenol-d6
Concen: 0.081 ng
RT: 7.062 min Scan# 432
Delta R.T. 0.028 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

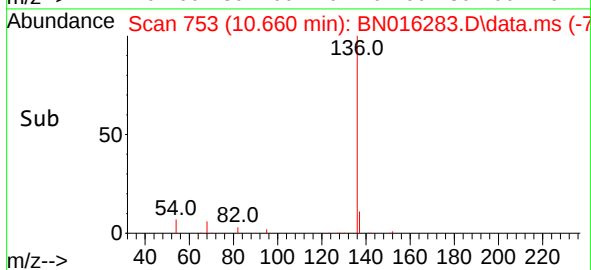
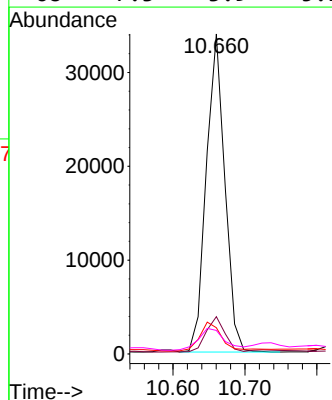
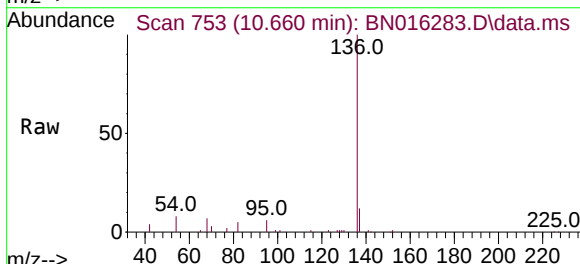
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BNA_N
ClientSampleId :
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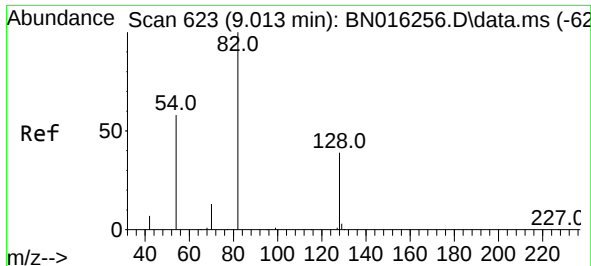
Tgt Ion: 99 Resp: 3035
Ion Ratio Lower Upper
99 100
42 18.1 14.0 21.0
71 45.8 23.8 35.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.660 min Scan# 753
Delta R.T. 0.000 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion: 136 Resp: 60741
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 8.2 5.3 7.9#
68 7.3 3.9 5.9#

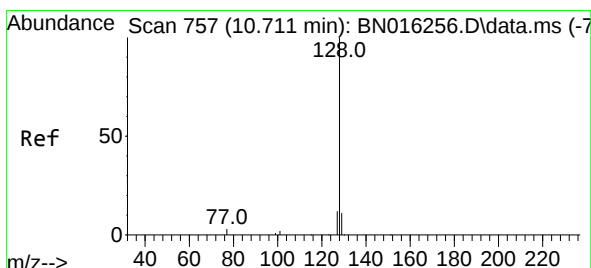
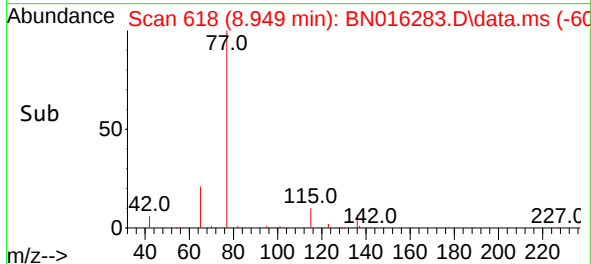
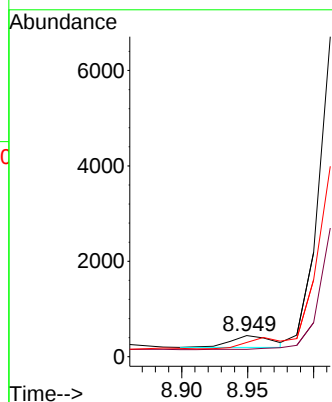
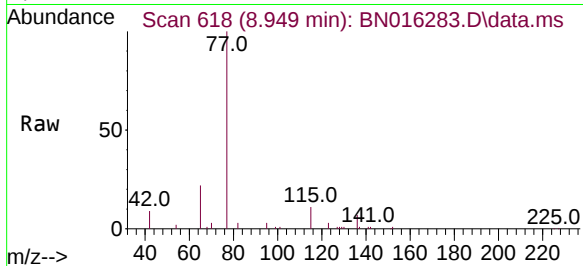




#8
Nitrobenzene-d5
Concen: 0.011 ng
RT: 8.949 min Scan# 618
Delta R.T. -0.063 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

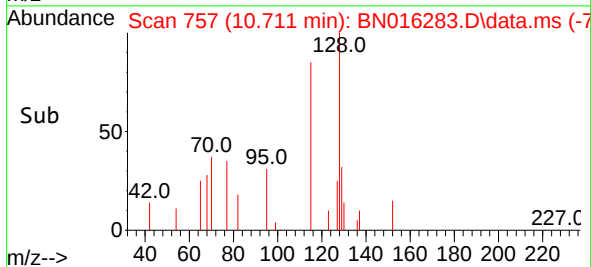
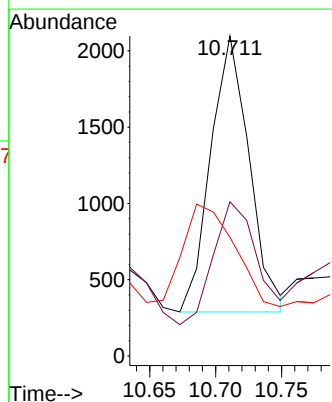
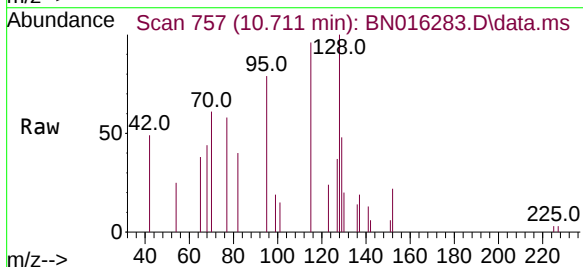
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BNA_N
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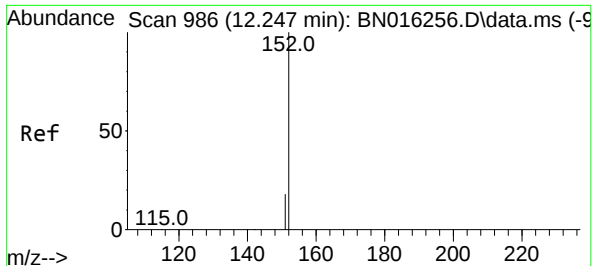
Tgt Ion: 82 Resp: 535
Ion Ratio Lower Upper
82 100
128 34.8 31.7 47.5
54 67.4 46.4 69.6



#9
Naphthalene
Concen: 0.023 ng
RT: 10.711 min Scan# 757
Delta R.T. 0.000 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:128 Resp: 3688
Ion Ratio Lower Upper
128 100
129 48.2 8.9 13.3#
127 37.1 10.1 15.1#

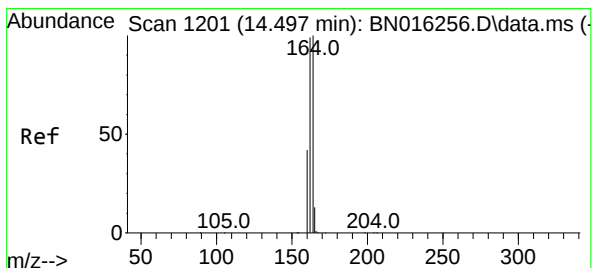
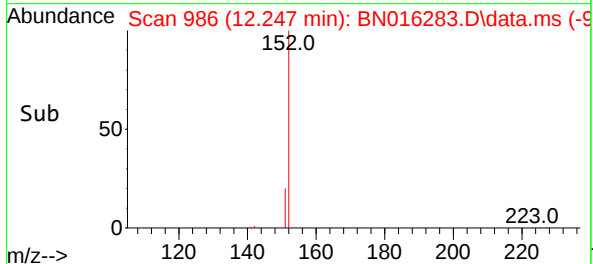
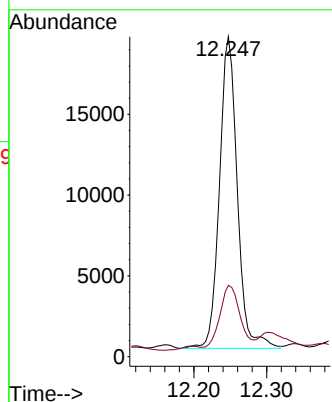
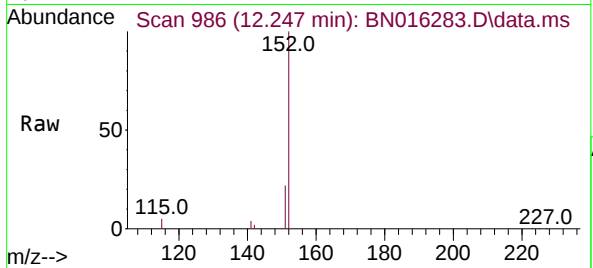




#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.247 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

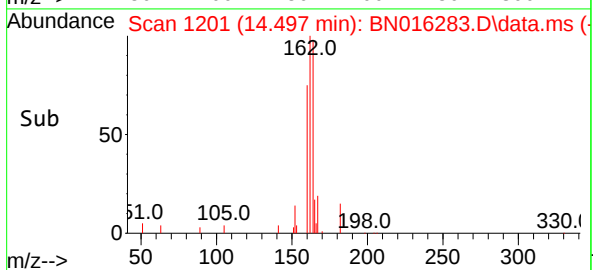
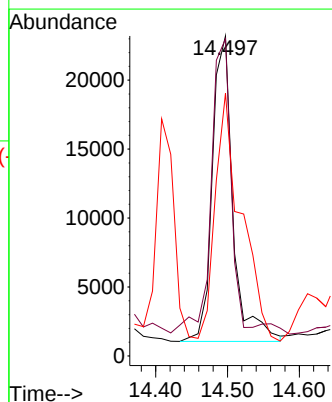
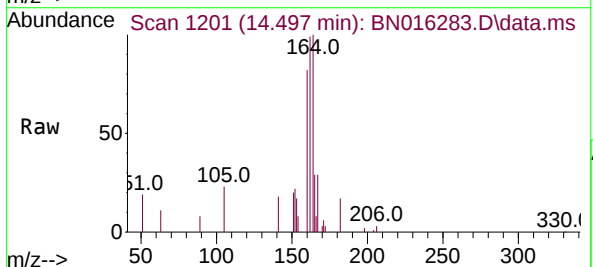
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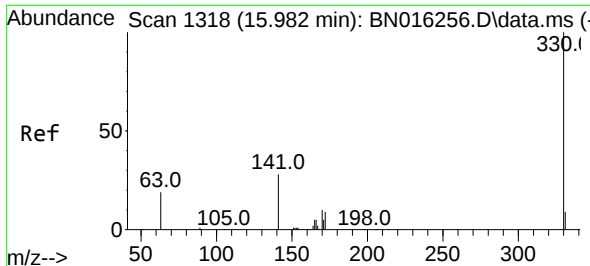
Tgt Ion:152 Resp: 32899
Ion Ratio Lower Upper
152 100
151 22.5 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.497 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:164 Resp: 44260
Ion Ratio Lower Upper
164 100
162 99.1 79.0 118.4
160 82.1 34.1 51.1#

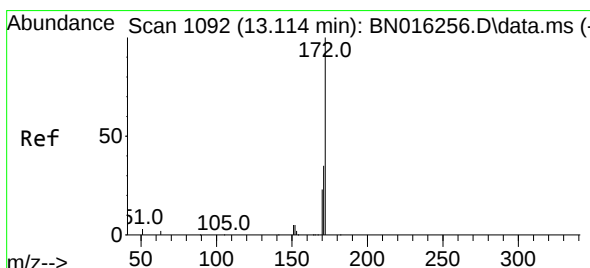
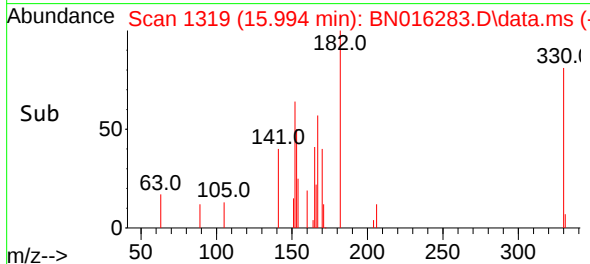
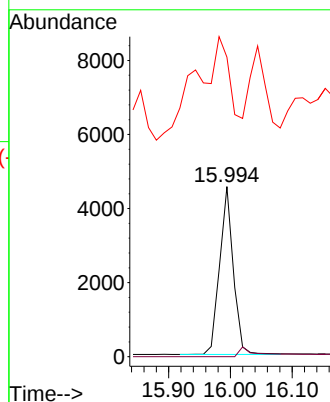
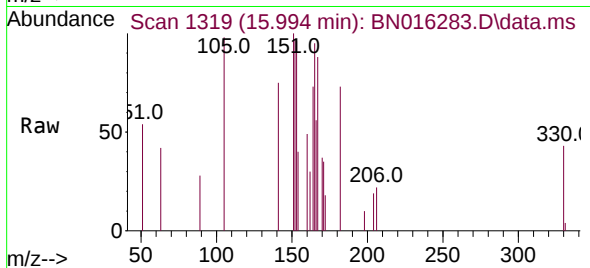




#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.994 min Scan# 1319
Delta R.T. 0.013 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

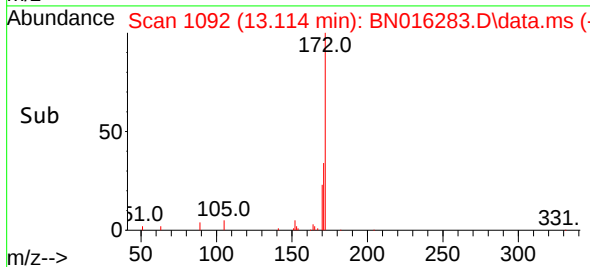
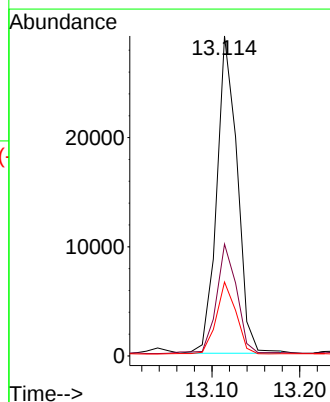
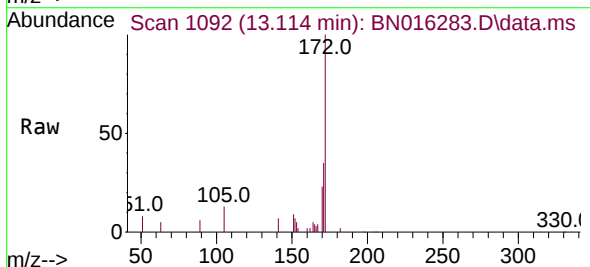
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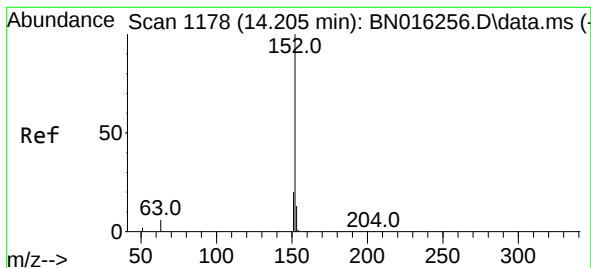
Tgt Ion:330 Resp: 6884
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 118.8 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.114 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:172 Resp: 47217
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.1 18.2 27.2

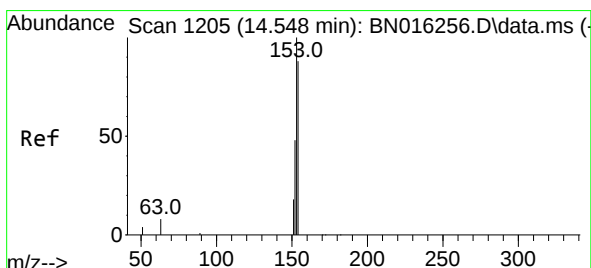
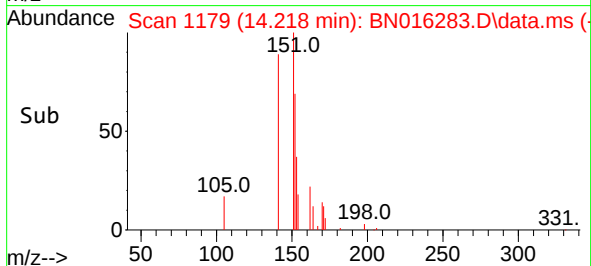
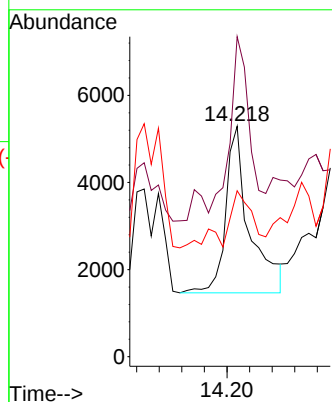
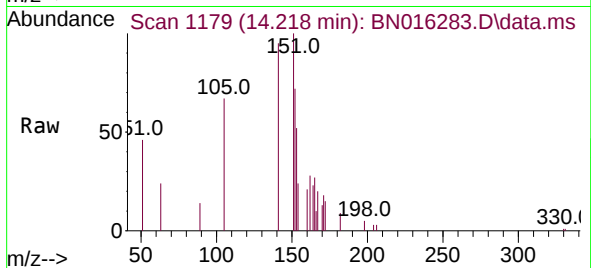




#16
Acenaphthylene
Concen: 0.057 ng
RT: 14.218 min Scan# 1179
Delta R.T. 0.013 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

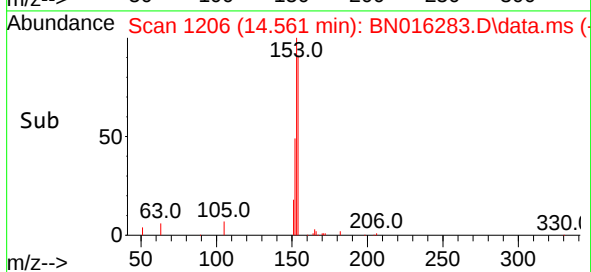
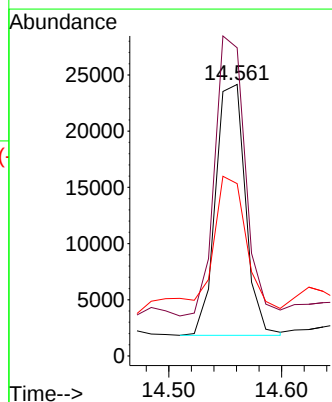
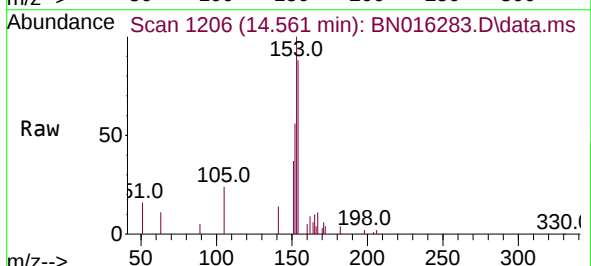
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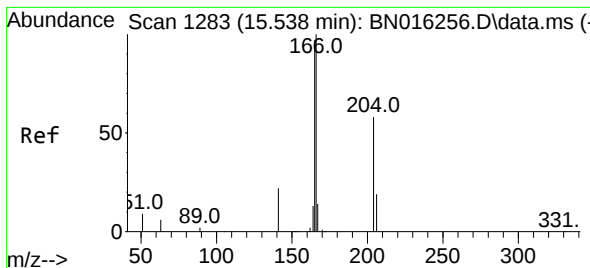
Tgt Ion:152 Resp: 11232
Ion Ratio Lower Upper
152 100
151 83.9 15.2 22.8#
153 37.8 10.5 15.7#



#17
Acenaphthene
Concen: 0.319 ng
RT: 14.561 min Scan# 1206
Delta R.T. 0.013 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:154 Resp: 40959
Ion Ratio Lower Upper
154 100
153 113.9 89.3 133.9
152 68.9 42.2 63.4#

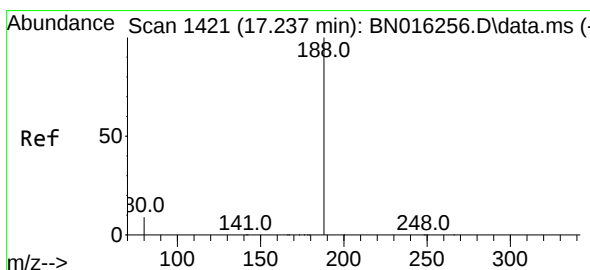
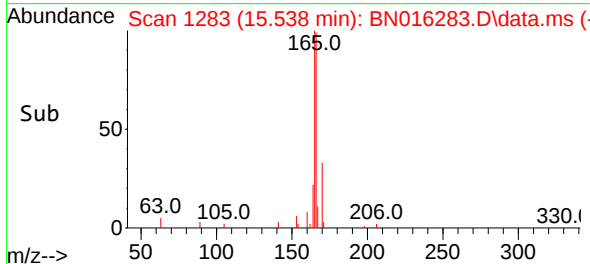
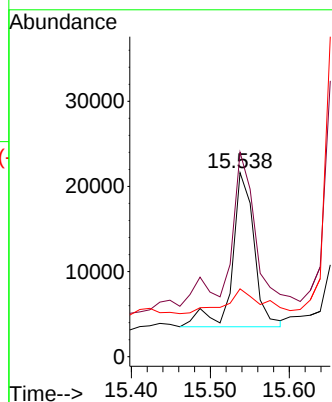
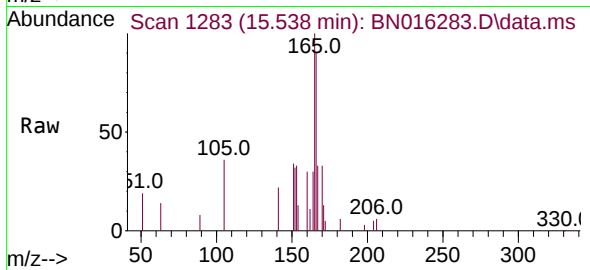




#18
Fluorene
Concen: 0.218 ng
RT: 15.538 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

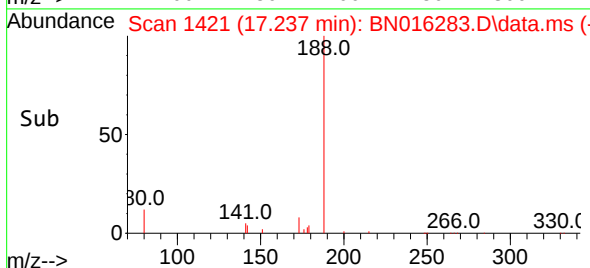
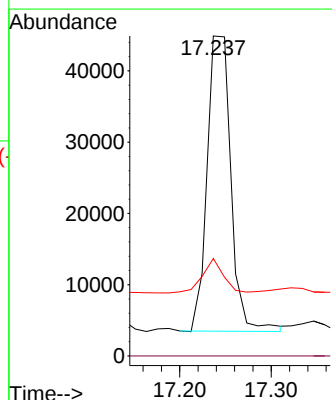
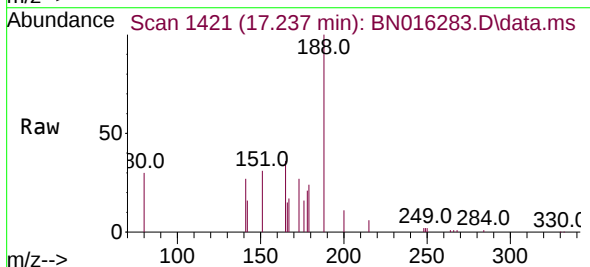
Instrument :
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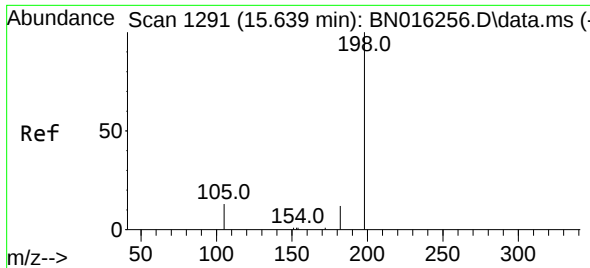
Tgt Ion:166 Resp: 34746
Ion Ratio Lower Upper
166 100
165 90.9 76.7 115.1
167 26.6 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.237 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:188 Resp: 74825
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 30.5 7.0 10.6#

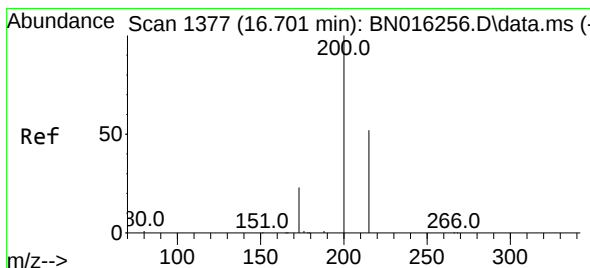
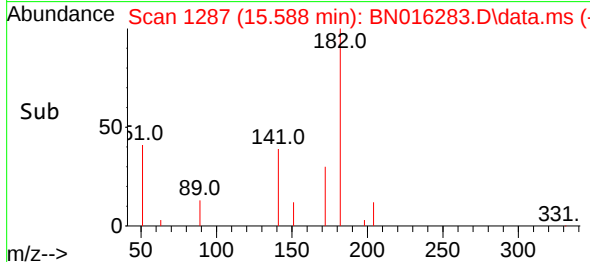
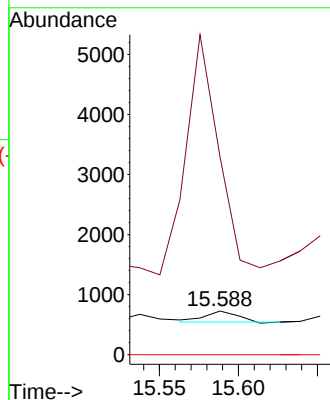
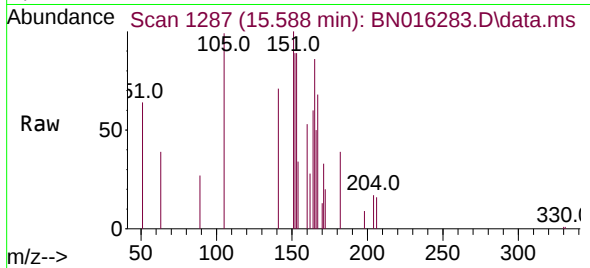




#20
4,6-Dinitro-2-methylphenol
Concen: 0.291 ng
RT: 15.588 min Scan# 1287
Delta R.T. -0.051 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

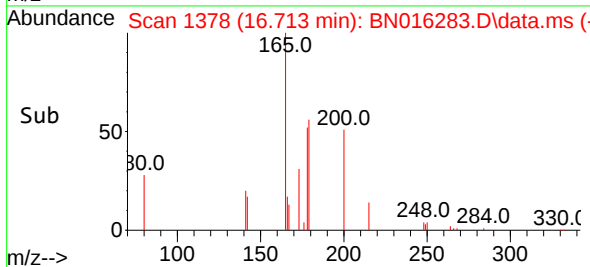
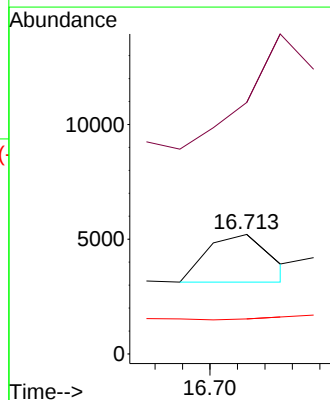
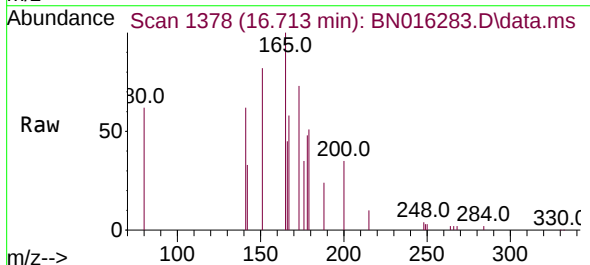
Instrument :
BNA_N
ClientSampleId :
DUPLICATE-082521

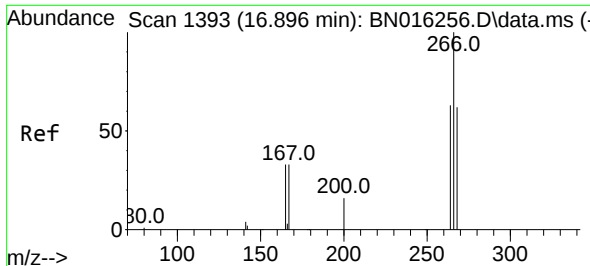
Tgt Ion:198 Resp: 253
Ion Ratio Lower Upper
198 100
182 452.1 26.6 39.8#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.091 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.012 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:200 Resp: 3338
Ion Ratio Lower Upper
200 100
173 210.4 18.7 28.1#
215 29.3 41.6 62.4#

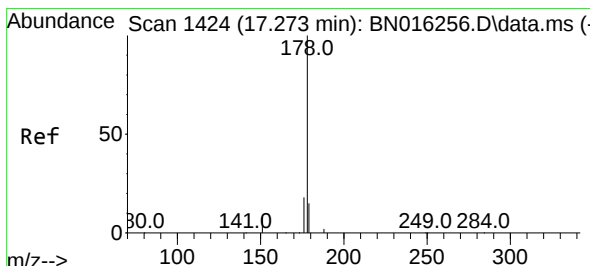
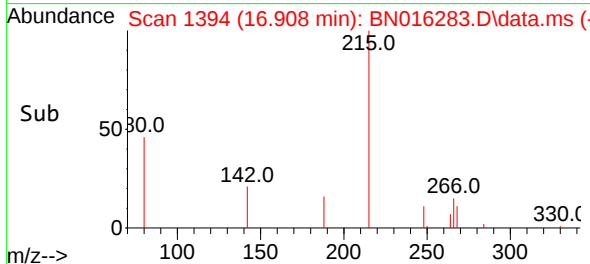
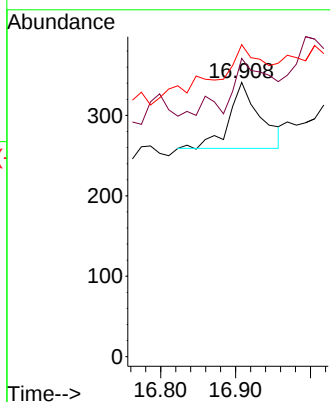
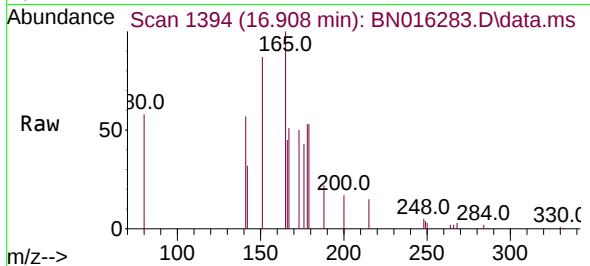




#24
Pentachlorophenol
Concen: 0.146 ng
RT: 16.908 min Scan# 1394
Delta R.T. 0.012 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

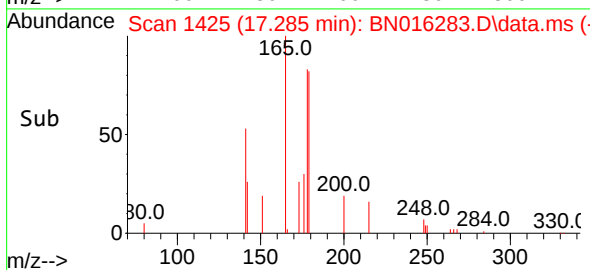
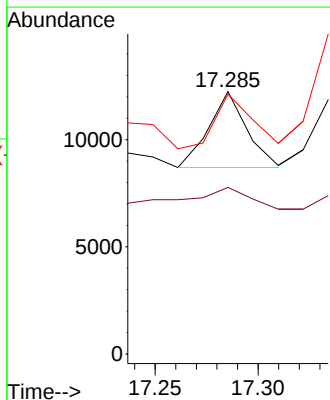
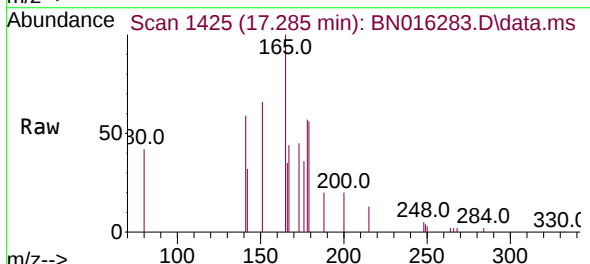
Instrument :
BNA_N
ClientSampleId :
DUPLICATE-082521

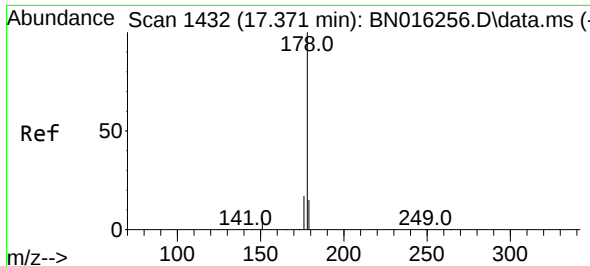
Tgt Ion:266 Resp: 237
Ion Ratio Lower Upper
266 100
264 111.4 50.6 75.8#
268 87.8 52.6 79.0#



#25
Phenanthrene
Concen: 0.021 ng
RT: 17.285 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:178 Resp: 4540
Ion Ratio Lower Upper
178 100
176 0.0 14.4 21.6#
179 71.1 12.2 18.4#

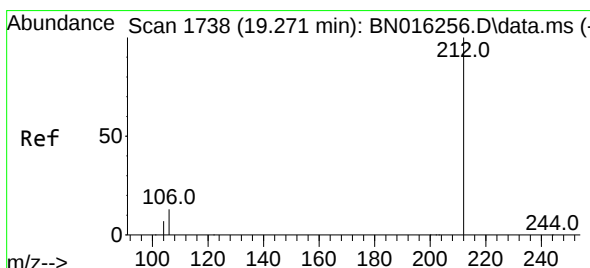
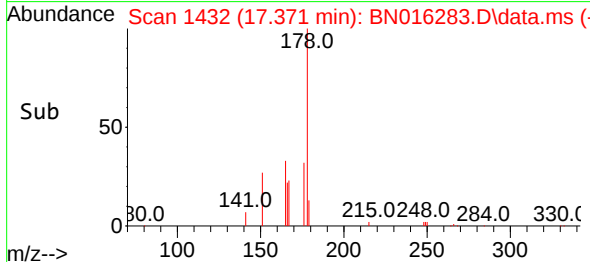
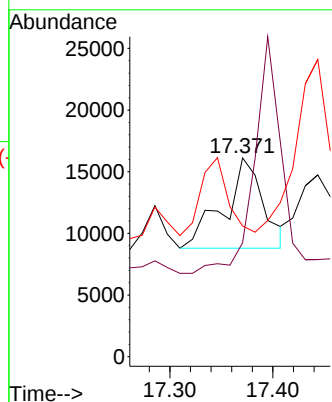
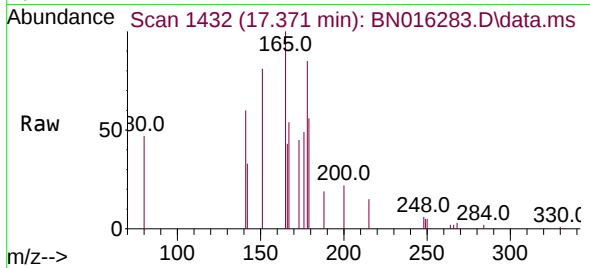




#26
 Anthracene
 Concen: 0.096 ng
 RT: 17.371 min Scan# 1432
 Delta R.T. 0.000 min
 Lab File: BN016283.D
 Acq: 10 Sep 2021 08:09

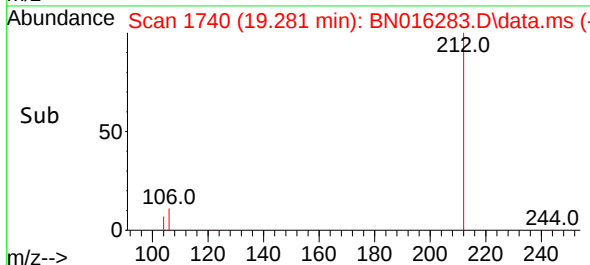
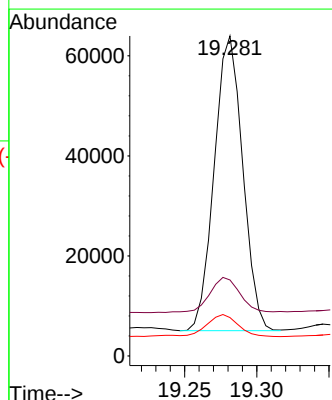
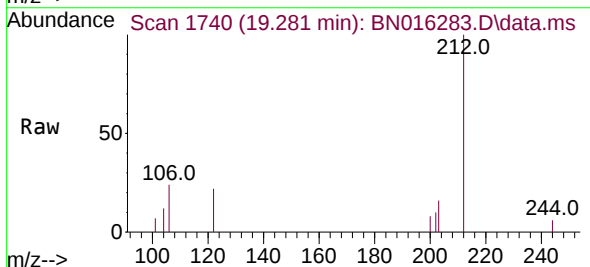
Instrument :
 BNA_N
 ClientSampleId :
 DUPLICATE-082521

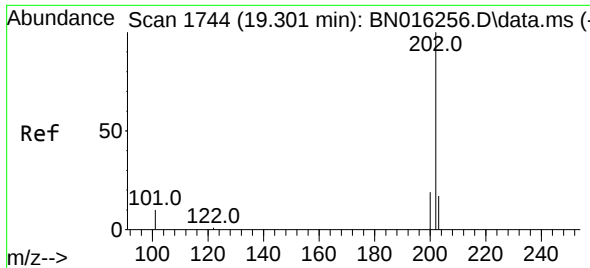
Tgt Ion:178 Resp: 19250
 Ion Ratio Lower Upper
 178 100
 176 0.0 13.9 20.9#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.281 min Scan# 1740
 Delta R.T. 0.010 min
 Lab File: BN016283.D
 Acq: 10 Sep 2021 08:09

Tgt Ion:212 Resp: 80818
 Ion Ratio Lower Upper
 212 100
 106 12.7 9.8 14.6
 104 8.4 5.4 8.2#

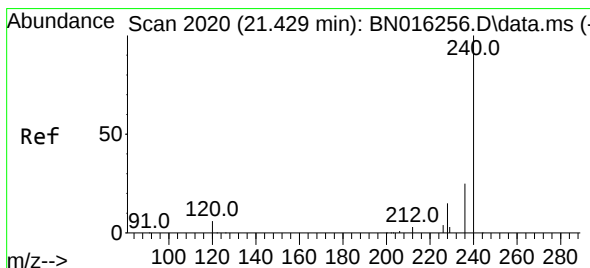
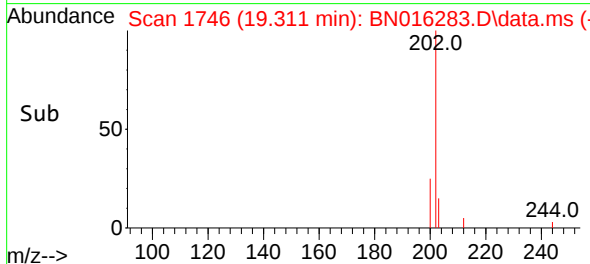
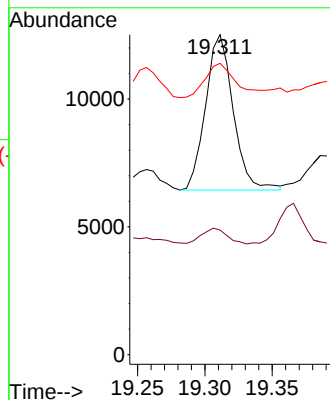
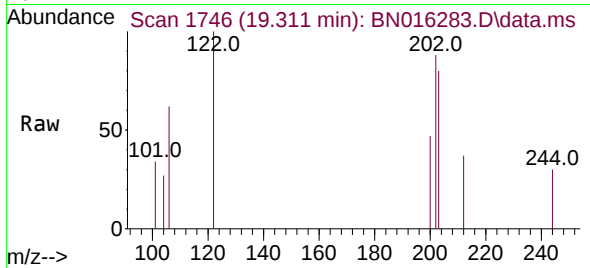




#28
Fluoranthene
Concen: 0.034 ng
RT: 19.311 min Scan# 1746
Delta R.T. 0.010 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

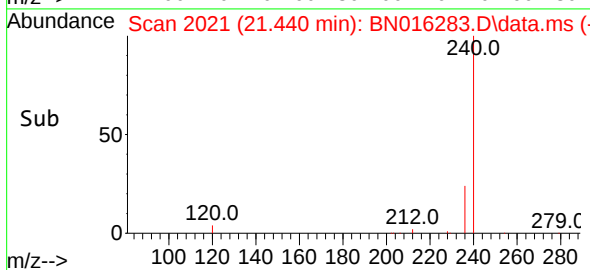
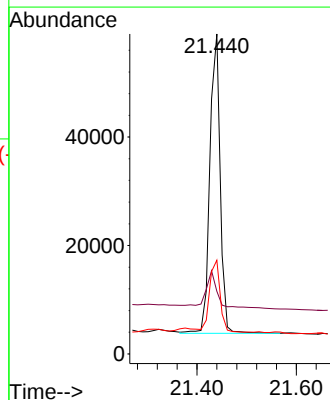
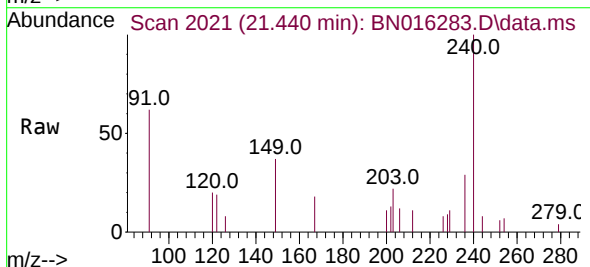
Instrument :
BNA_N
ClientSampleId :
DUPLICATE-082521

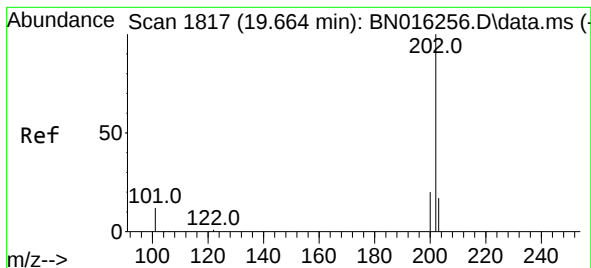
Tgt Ion:202 Resp: 8696
Ion Ratio Lower Upper
202 100
101 9.4 8.5 12.7
203 24.2 13.8 20.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 2021
Delta R.T. 0.011 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:240 Resp: 79677
Ion Ratio Lower Upper
240 100
120 19.6 5.3 7.9#
236 29.3 19.8 29.8





#30

Pyrene

Concen: 0.109 ng

RT: 19.674 min Scan# 1819

Delta R.T. 0.010 min

Lab File: BN016283.D

Acq: 10 Sep 2021 08:09

Tgt Ion:202 Resp: 29428

Ion Ratio Lower Upper

202 100

200 20.5 15.8 23.6

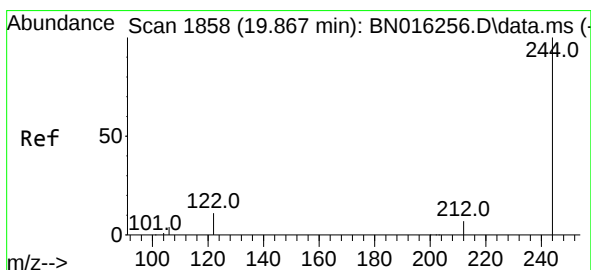
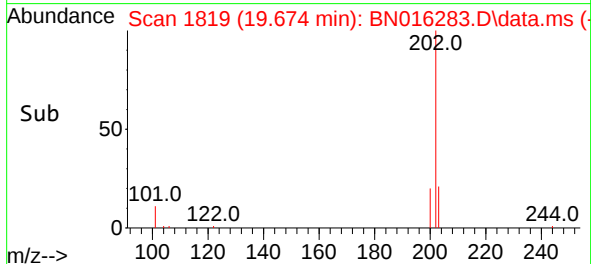
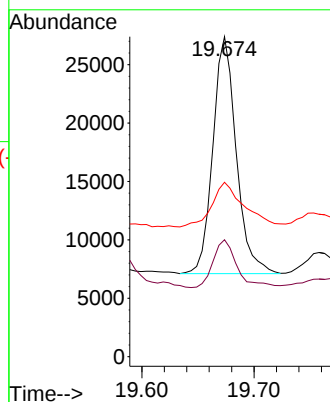
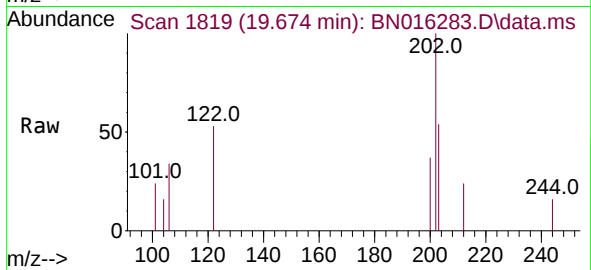
203 26.0 13.9 20.9#

Instrument :

BNA_N

ClientSampleId :

DUPLICATE-082521



#31

Terphenyl-d14

Concen: 0.380 ng

RT: 19.877 min Scan# 1860

Delta R.T. 0.010 min

Lab File: BN016283.D

Acq: 10 Sep 2021 08:09

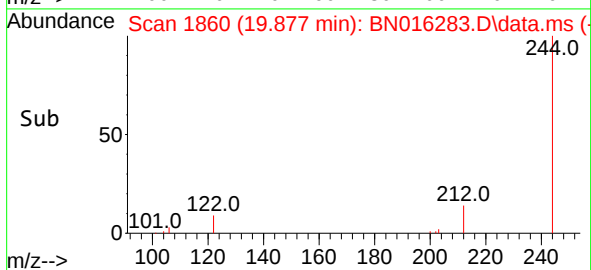
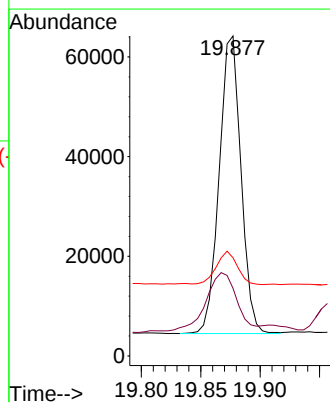
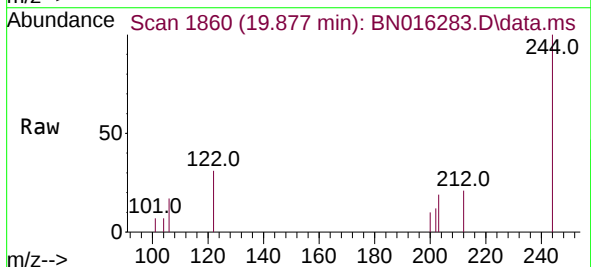
Tgt Ion:244 Resp: 75998

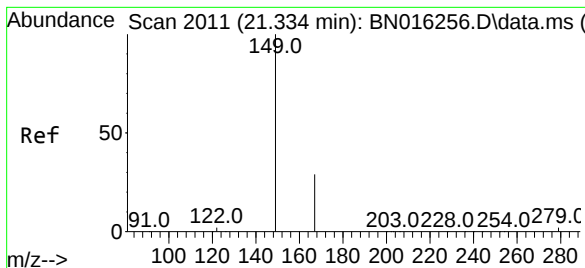
Ion Ratio Lower Upper

244 100

212 21.2 5.5 8.3#

122 30.7 9.0 13.4#

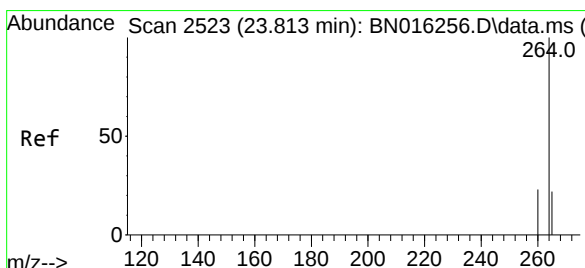
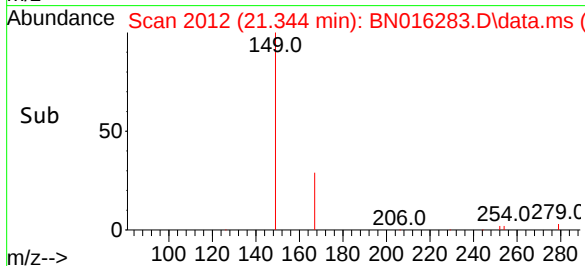
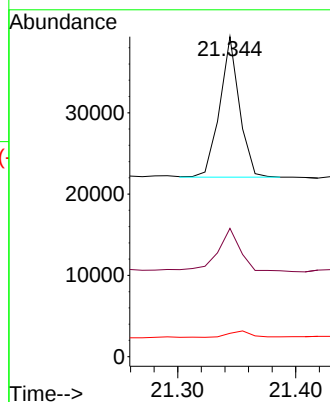
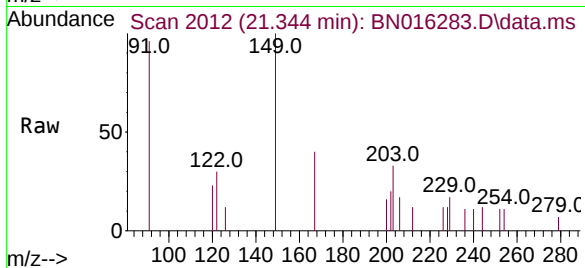




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.130 ng
RT: 21.344 min Scan# 2012
Delta R.T. 0.011 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Instrument :
BNA_N
ClientSampleId :
DUPLICATE-082521

Tgt Ion:149 Resp: 19919
Ion Ratio Lower Upper
149 100
167 37.1 23.4 35.0#
279 5.4 3.9 5.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.830 min Scan# 2528
Delta R.T. 0.017 min
Lab File: BN016283.D
Acq: 10 Sep 2021 08:09

Tgt Ion:264 Resp: 64774
Ion Ratio Lower Upper
264 100
260 27.4 18.9 28.3
265 41.4 23.7 35.5#

