

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018279.D
 Acq On : 30 Dec 2021 03:14
 Operator : CG/JU
 Sample : M5107-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

Quant Time: Dec 30 05:00:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

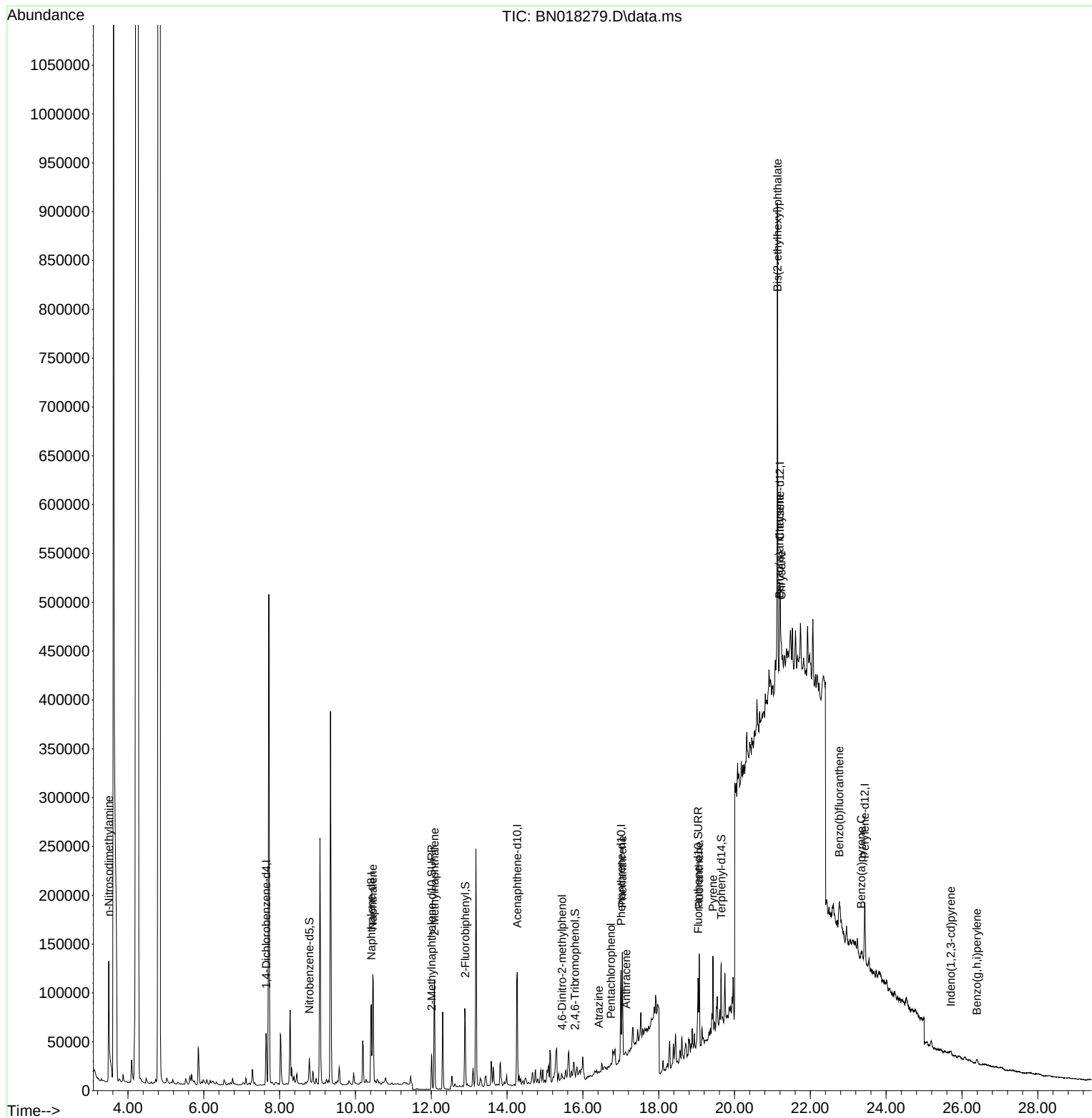
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	27214	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	115504	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	74822	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	133199	0.400	ng	0.00
29) Chrysene-d12	21.195	240	82576	0.400	ng	# 0.00
35) Perylene-d12	23.436	264	91442	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	77	0.001	ng	0.04
5) Phenol-d6	6.849	99	185	0.004	ng	0.02
8) Nitrobenzene-d5	8.784	82	22115	0.395	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	48677	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	158	0.309	ng	0.03
15) 2-Fluorobiphenyl	12.898	172	72869	0.257	ng	0.00
27) Fluoranthene-d10	19.038	212	94431	0.223	ng	0.00
31) Terphenyl-d14	19.649	244	66581	0.317	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.493	42	39307	1.758	ng	# 1
9) Naphthalene	10.457	128	160619	0.562	ng	99
12) 2-Methylnaphthalene	12.083	142	85543	0.467	ng	99
20) 4,6-Dinitro-2-methylph...	15.449	198	105	0.242	ng	# 1
23) Atrazine	16.421	200	196	0.138	ng	# 1
24) Pentachlorophenol	16.738	266	592	0.225	ng	# 20
25) Phenanthrene	17.042	178	109726	0.312	ng	97
26) Anthracene	17.139	178	4477	0.057	ng	# 79
28) Fluoranthene	19.068	202	88388	0.215	ng	97
30) Pyrene	19.430	202	68711	0.212	ng	98
32) Benzo(a)anthracene	21.185	228	14550	0.111	ng	# 1
33) Chrysene	21.238	228	38920	0.146	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.132	149	415818	4.034	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.706	276	6360	0.029	ng	# 74
37) Benzo(b)fluoranthene	22.766	252	39765	0.137	ng	# 1
39) Benzo(a)pyrene	23.341	252	6300	0.025	ng	# 1
41) Benzo(g,h,i)perylene	26.394	276	9375	0.043	ng	# 1

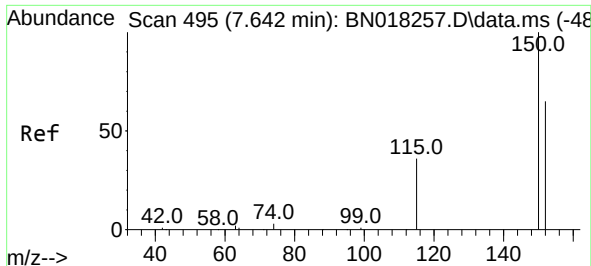
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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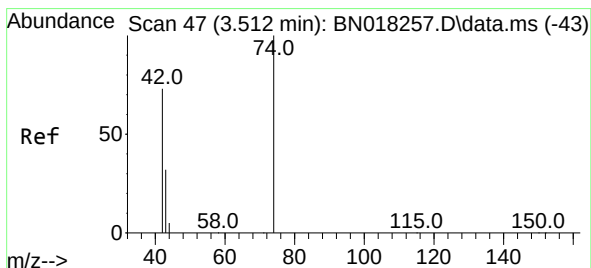
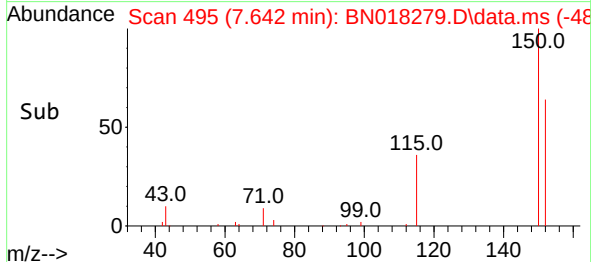
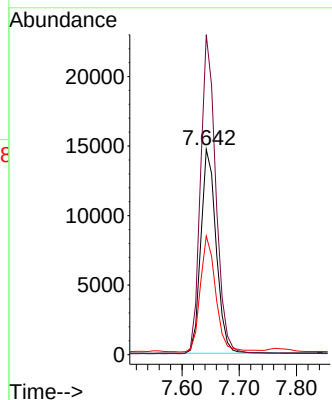
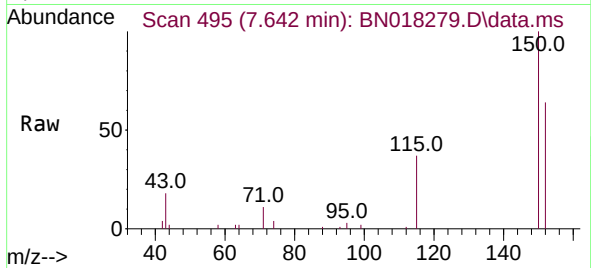




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

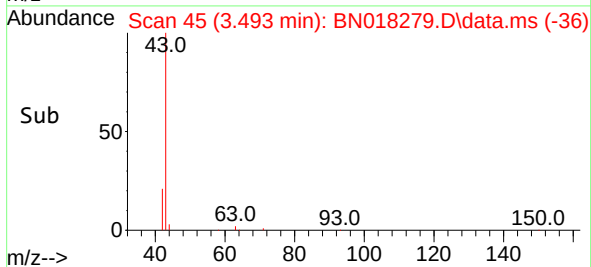
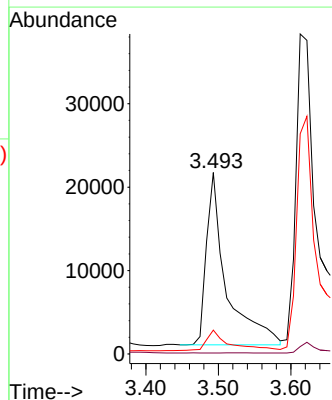
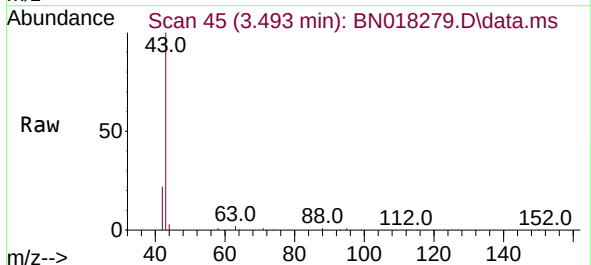
Instrument :
 BNA_N
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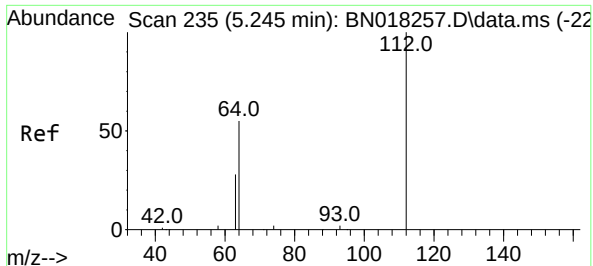
Tgt Ion:152 Resp: 27214
 Ion Ratio Lower Upper
 152 100
 150 155.9 121.7 182.5
 115 57.9 43.8 65.8



#3
 n-Nitrosodimethylamine
 Concen: 1.758 ng
 RT: 3.493 min Scan# 45
 Delta R.T. -0.019 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

Tgt Ion: 42 Resp: 39307
 Ion Ratio Lower Upper
 42 100
 74 0.0 108.6 163.0#
 44 13.4 5.8 8.8#

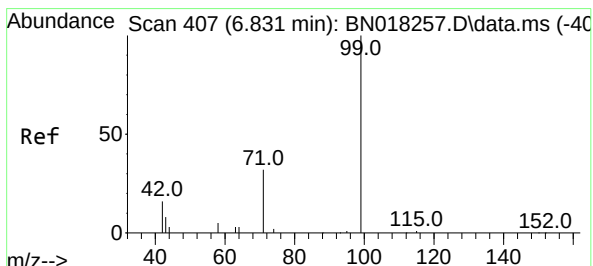
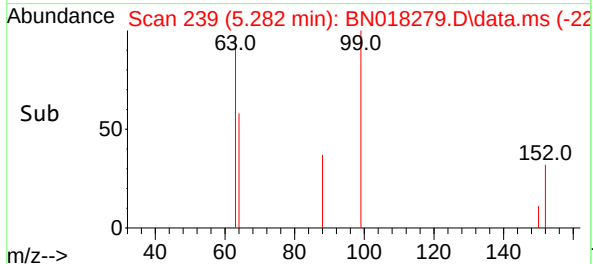
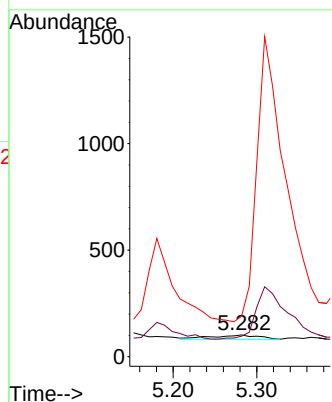
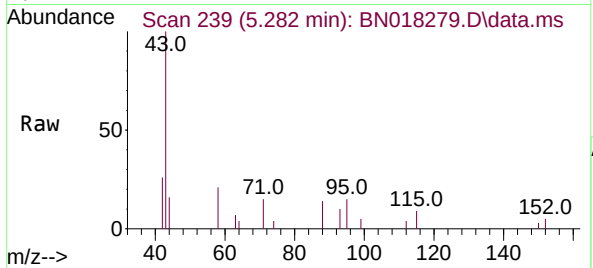




#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.282 min Scan# 211
Delta R.T. 0.037 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

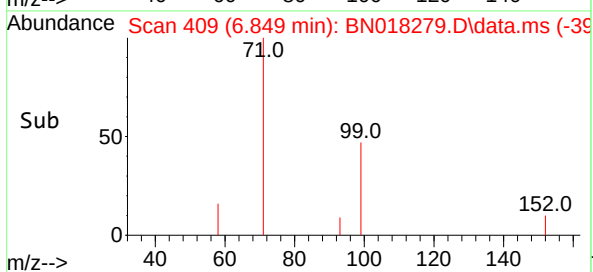
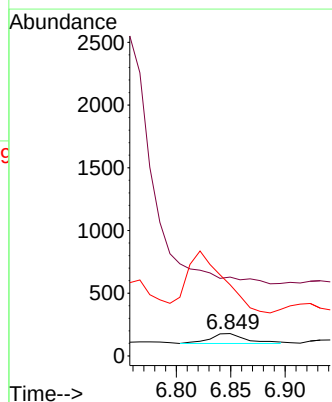
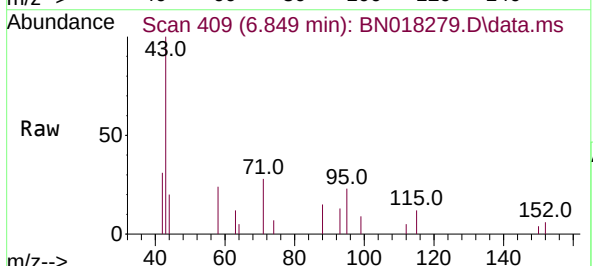
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

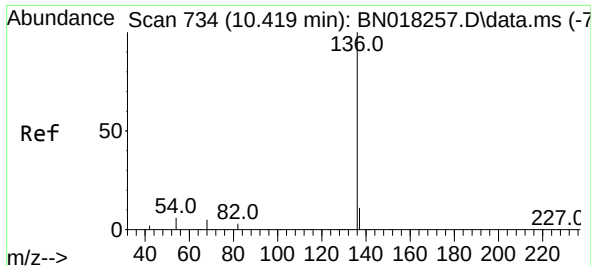
Tgt Ion:112 Resp: 77
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#



#5
Phenol-d6
Concen: 0.004 ng
RT: 6.849 min Scan# 409
Delta R.T. 0.018 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Tgt Ion: 99 Resp: 185
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5#
71 0.0 26.8 40.2#

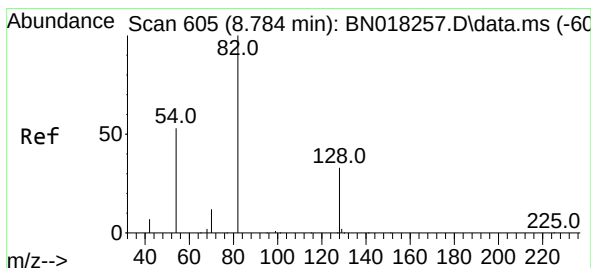
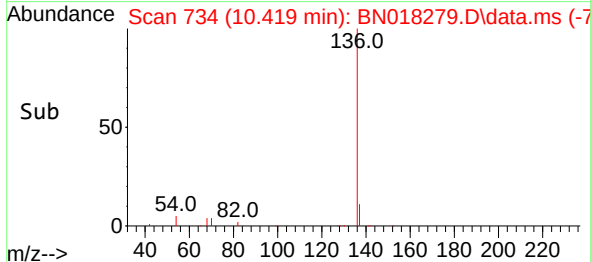
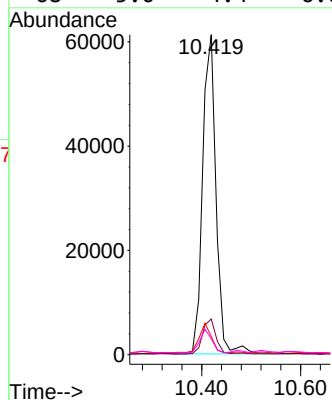
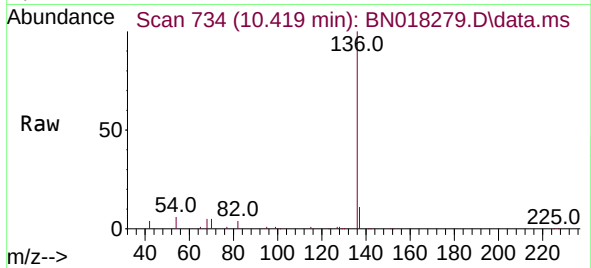




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

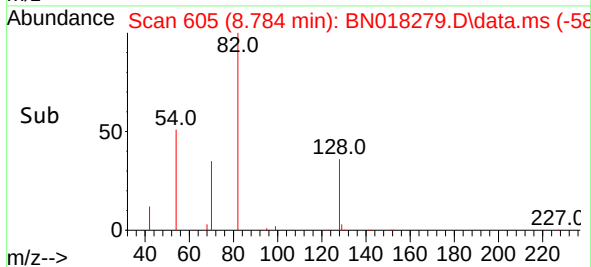
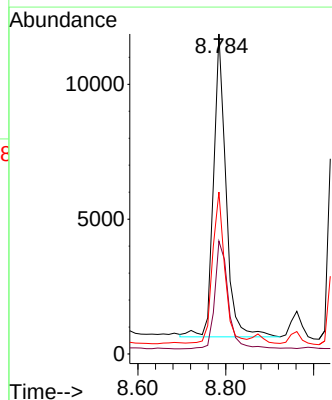
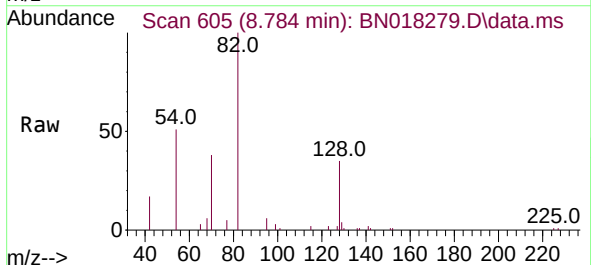
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

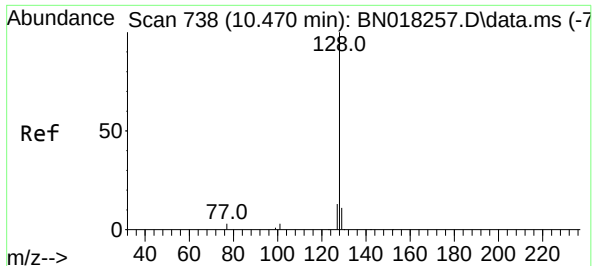
Tgt Ion:	136	Resp:	115504
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.7	5.0	7.6
68	5.0	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Tgt Ion:	82	Resp:	22115
Ion	Ratio	Lower	Upper
82	100		
128	35.2	33.7	50.5
54	50.6	36.6	55.0

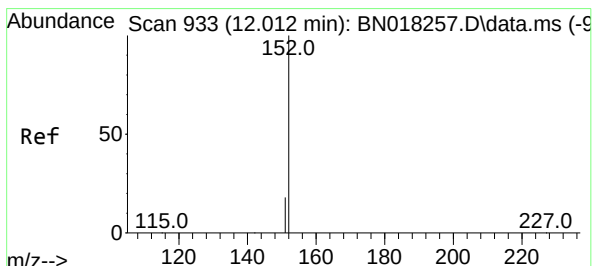
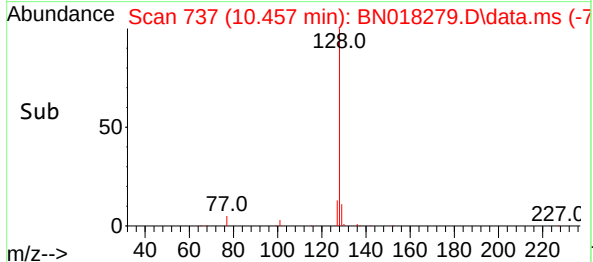
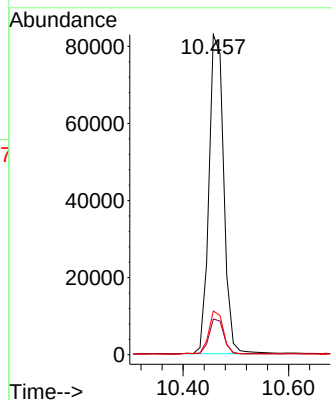
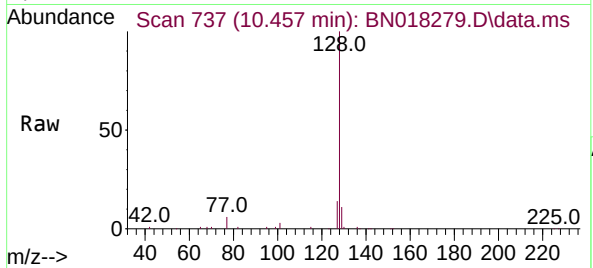




#9
Naphthalene
Concen: 0.562 ng
RT: 10.457 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

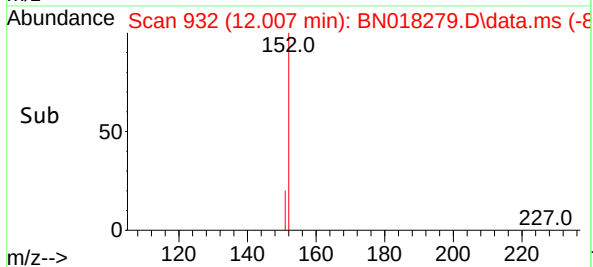
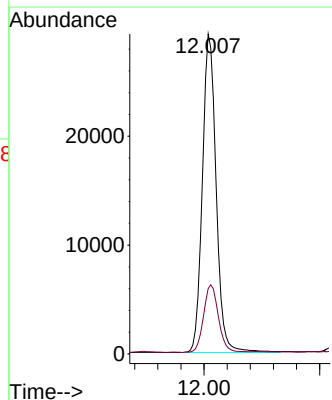
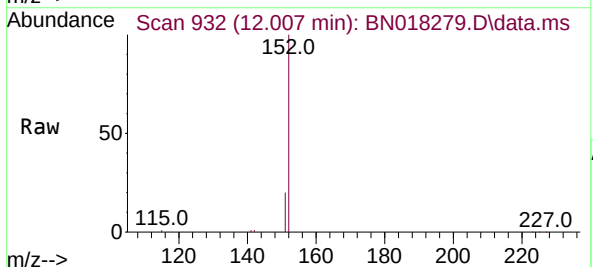
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

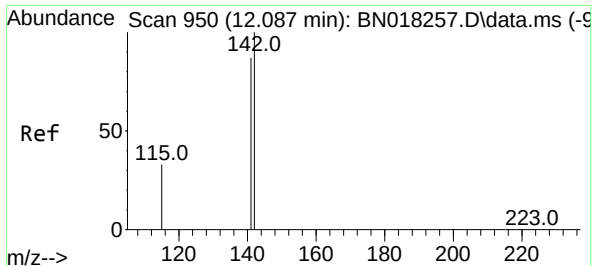
Tgt Ion:128 Resp: 160619
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.005 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Tgt Ion:152 Resp: 48677
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.2





#12

2-Methylnaphthalene

Concen: 0.467 ng

RT: 12.083 min Scan# 949

Delta R.T. -0.005 min

Lab File: BN018279.D

Acq: 30 Dec 2021 03:14

Instrument :

BNA_N

ClientSampleId :

OB-CS-07

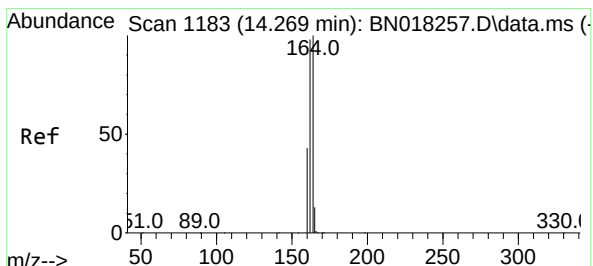
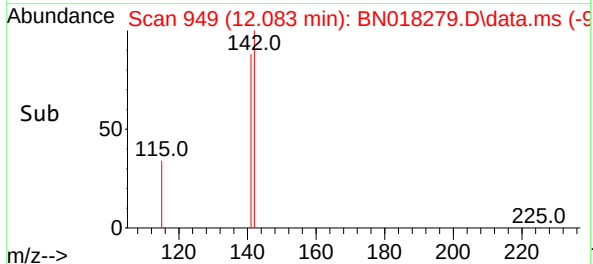
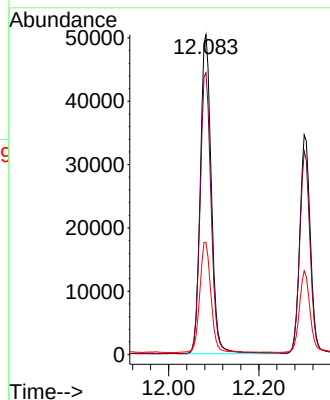
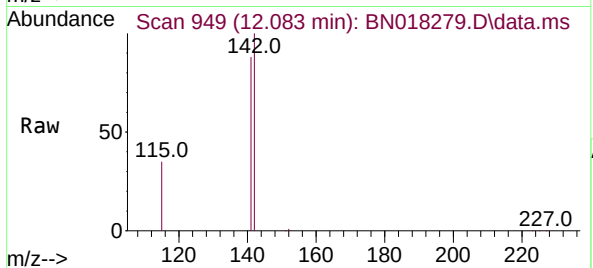
Tgt Ion:142 Resp: 85543

Ion Ratio Lower Upper

142 100

141 88.1 70.0 105.0

115 35.1 27.8 41.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.269 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BN018279.D

Acq: 30 Dec 2021 03:14

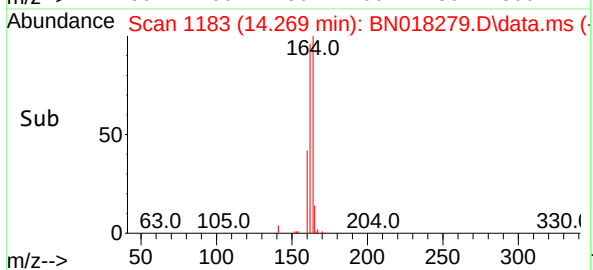
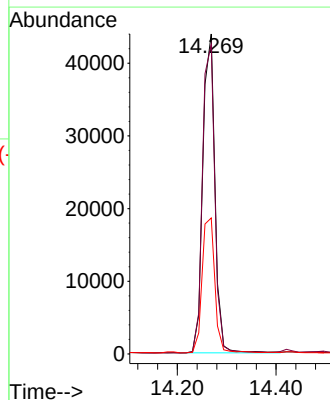
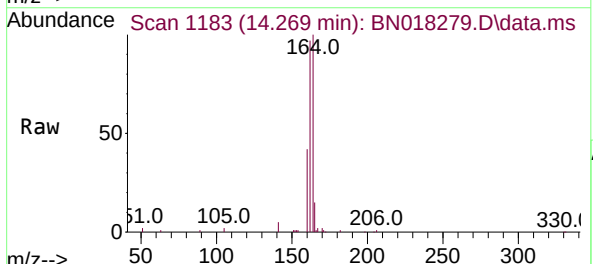
Tgt Ion:164 Resp: 74822

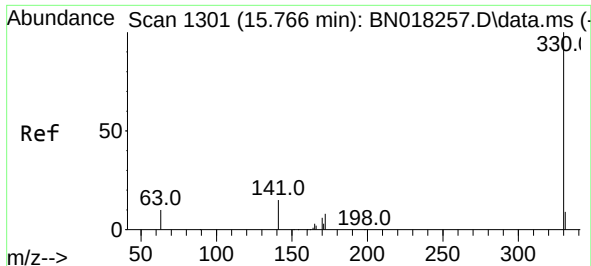
Ion Ratio Lower Upper

164 100

162 96.7 80.2 120.2

160 42.5 36.9 55.3

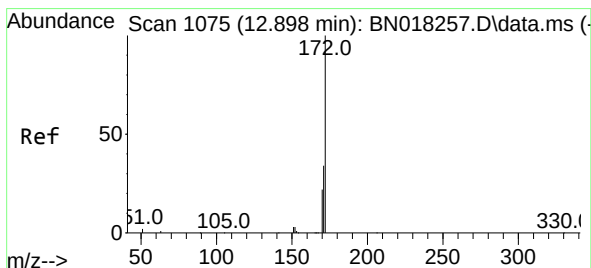
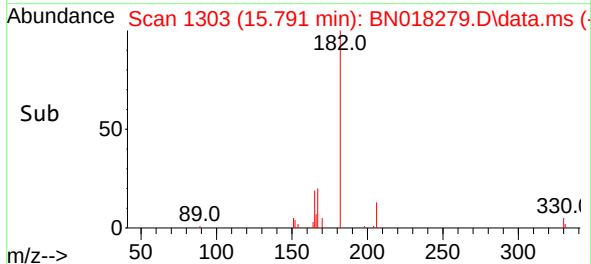
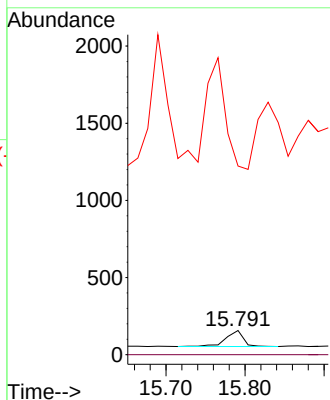
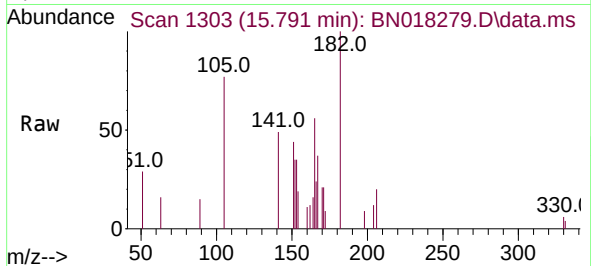




#14
 2,4,6-Tribromophenol
 Concen: 0.309 ng
 RT: 15.791 min Scan# 1303
 Delta R.T. 0.025 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

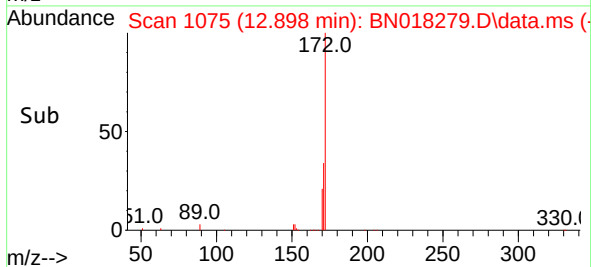
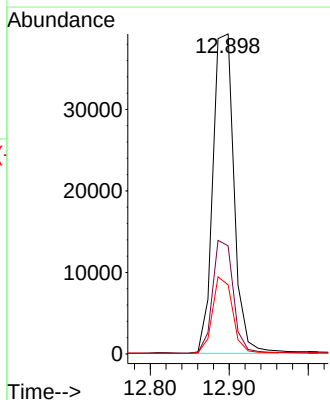
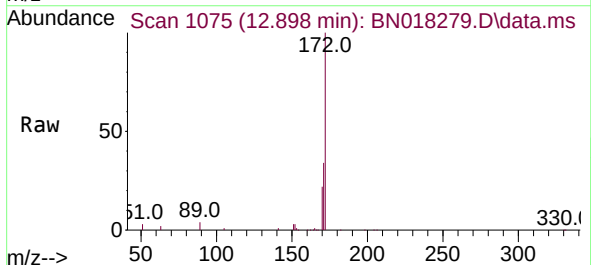
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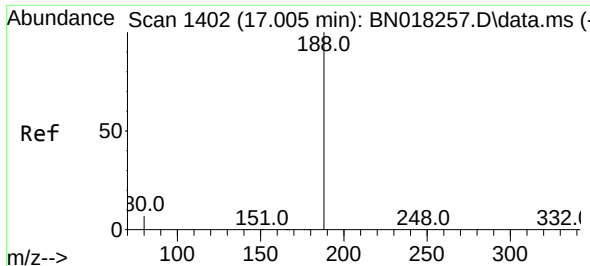
Tgt Ion: 330 Resp: 158
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 0.0 21.3 31.9#



#15
 2-Fluorobiphenyl
 Concen: 0.257 ng
 RT: 12.898 min Scan# 1075
 Delta R.T. -0.000 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

Tgt Ion: 172 Resp: 72869
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.4 41.0
 170 21.6 18.4 27.6

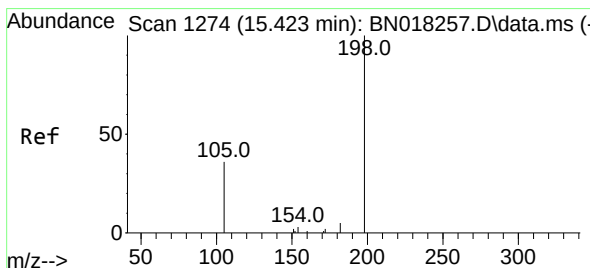
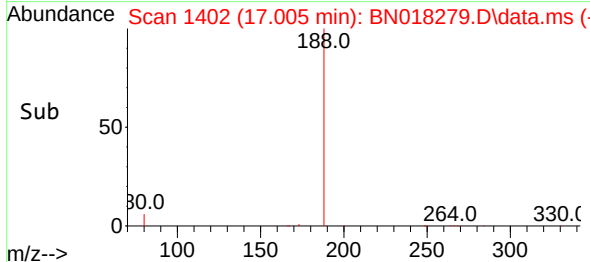
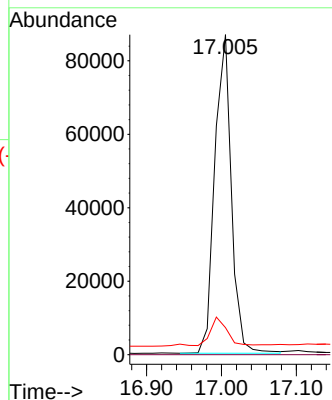
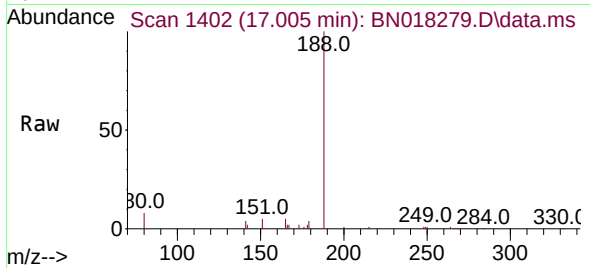




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

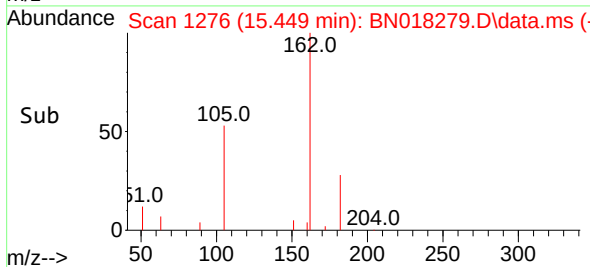
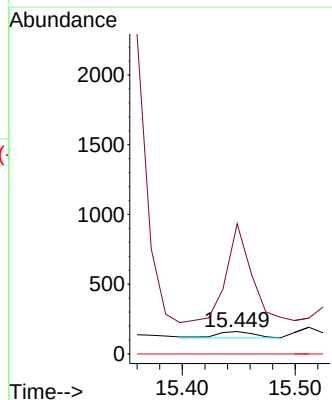
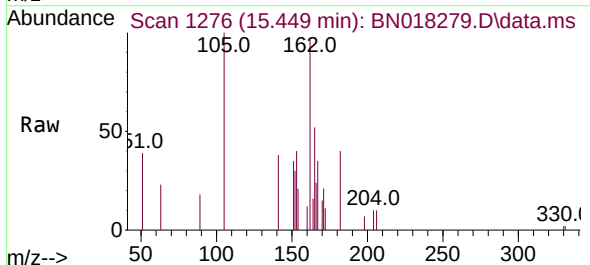
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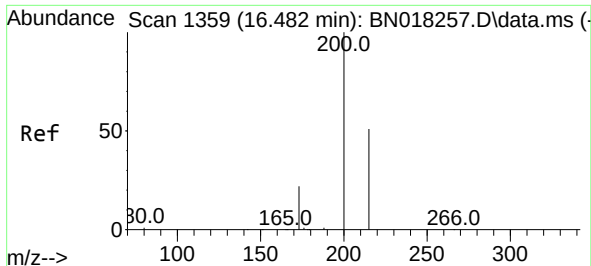
Tgt Ion:188 Resp: 133199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.0 10.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.242 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.026 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Tgt Ion:198 Resp: 105
Ion Ratio Lower Upper
198 100
182 583.8 15.5 23.3#
77 0.0 0.0 0.0





#23

Atrazine

Concen: 0.138 ng

RT: 16.421 min Scan# 11

Delta R.T. -0.061 min

Lab File: BN018279.D

Acq: 30 Dec 2021 03:14

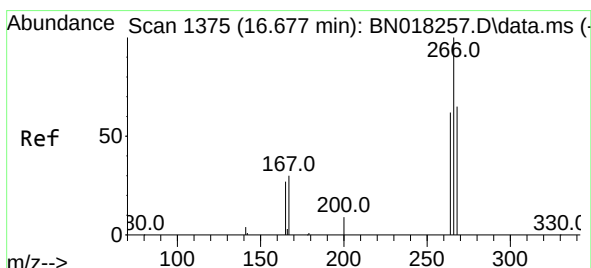
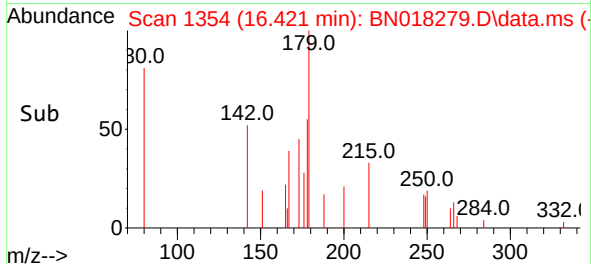
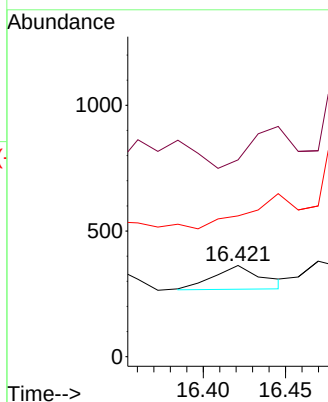
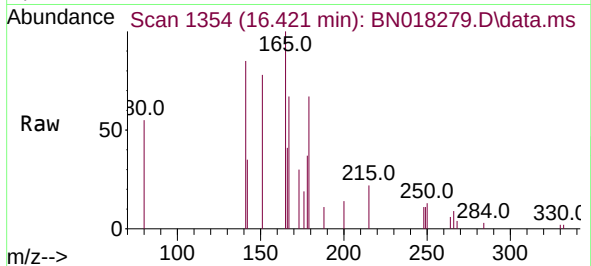
Instrument :

BNA_N

ClientSampleId :

OB-CS-07

Tgt Ion:	200	Resp:	196
Ion Ratio	Lower	Upper	
200	100		
173	215.7	20.3	30.5#
215	154.3	40.4	60.6#



#24

Pentachlorophenol

Concen: 0.225 ng

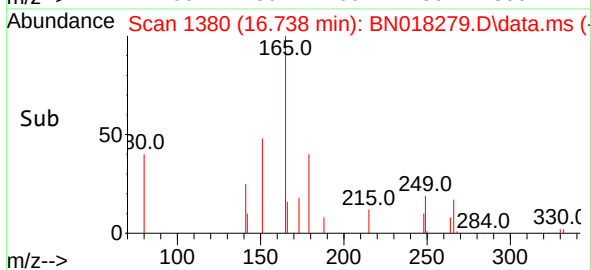
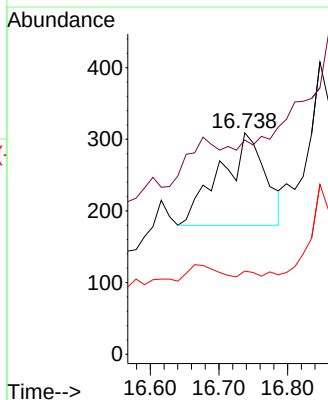
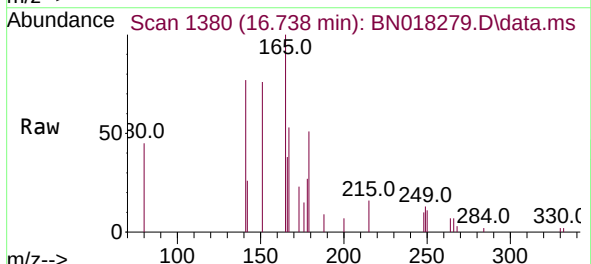
RT: 16.738 min Scan# 1380

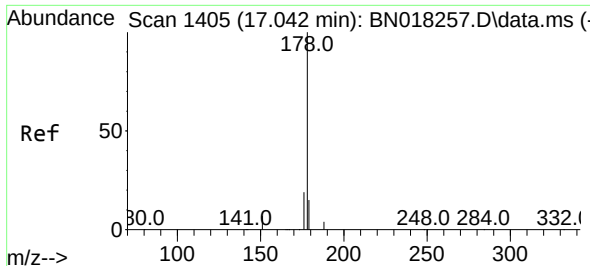
Delta R.T. 0.061 min

Lab File: BN018279.D

Acq: 30 Dec 2021 03:14

Tgt Ion:	266	Resp:	592
Ion Ratio	Lower	Upper	
266	100		
264	0.0	49.5	74.3#
268	1.9	50.6	76.0#

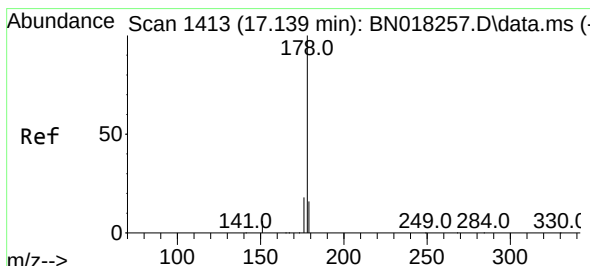
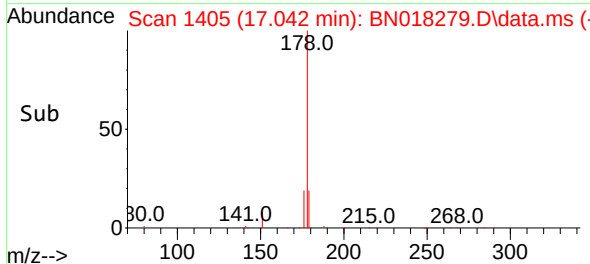
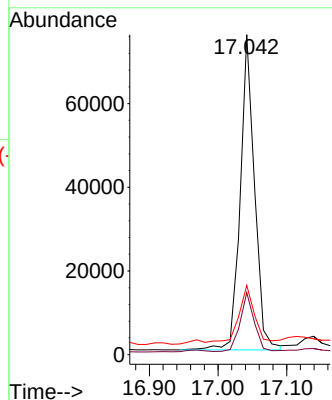
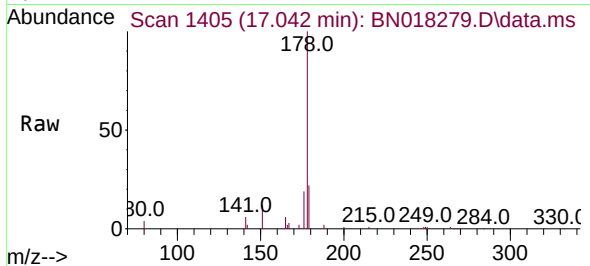




#25
Phenanthrene
Concen: 0.312 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

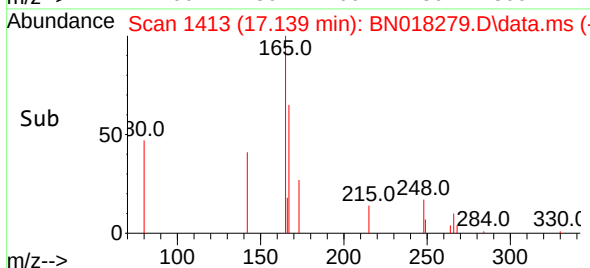
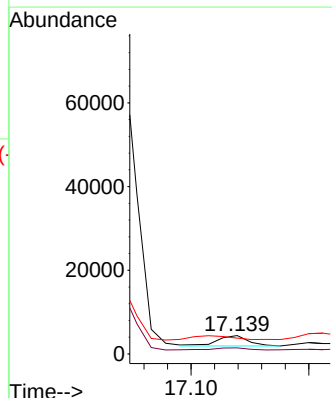
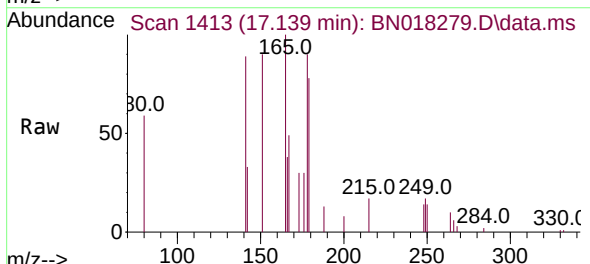
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

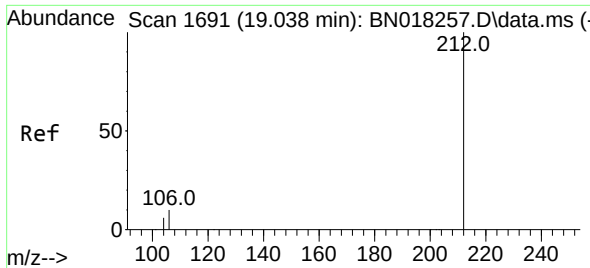
Tgt Ion:178 Resp: 109726
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 17.4 12.3 18.5



#26
Anthracene
Concen: 0.057 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Tgt Ion:178 Resp: 4477
Ion Ratio Lower Upper
178 100
176 22.2 14.8 22.2#
179 0.0 12.2 18.4#

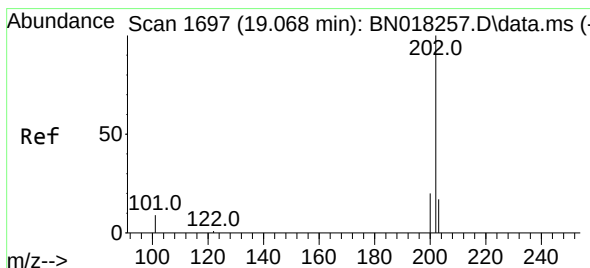
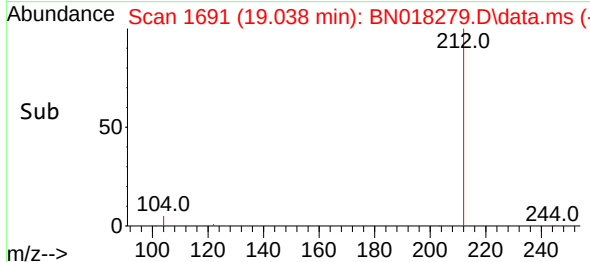
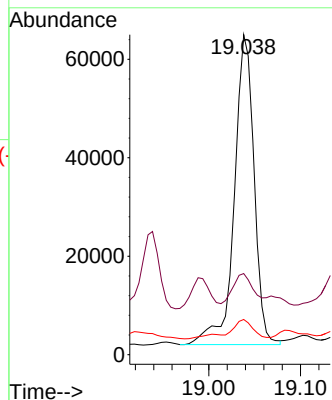
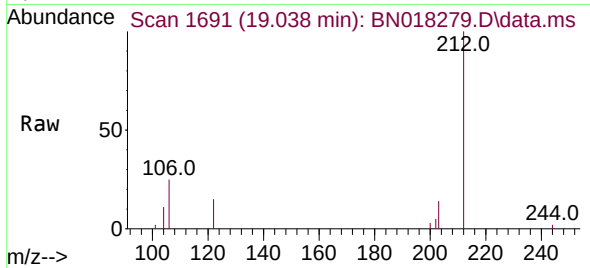




#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

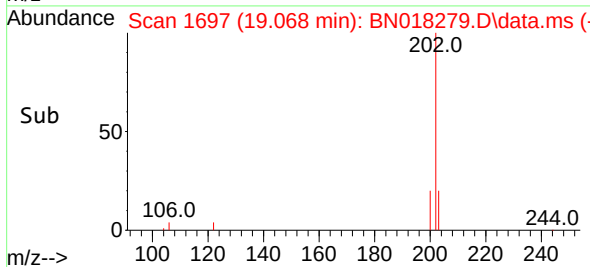
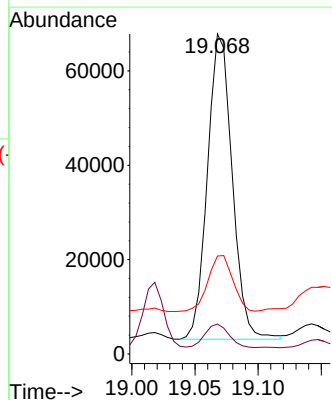
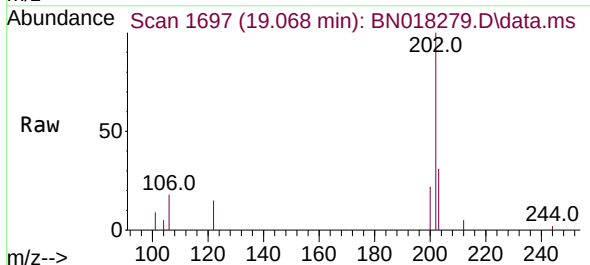
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

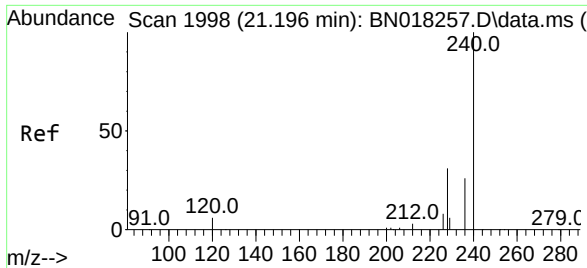
Tgt Ion:212 Resp: 94431
Ion Ratio Lower Upper
212 100
106 9.6 8.4 12.6
104 5.2 4.5 6.7



#28
Fluoranthene
Concen: 0.215 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Tgt Ion:202 Resp: 88388
Ion Ratio Lower Upper
202 100
101 7.7 7.2 10.8
203 18.3 13.7 20.5

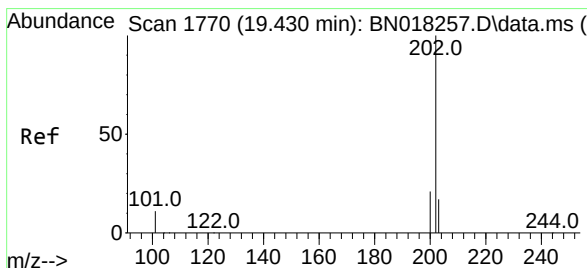
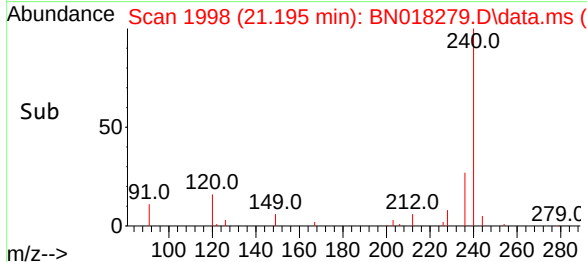
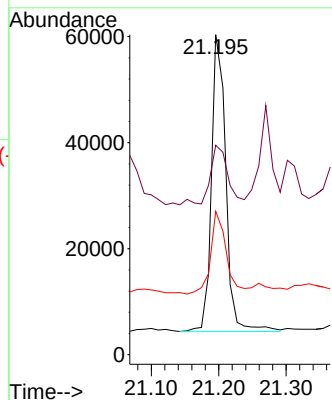
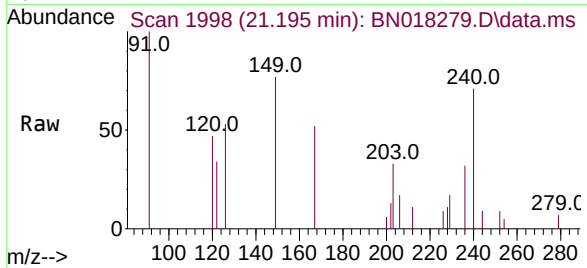




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

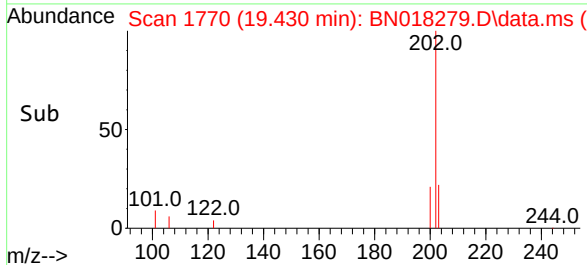
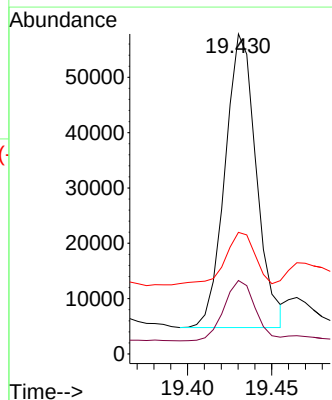
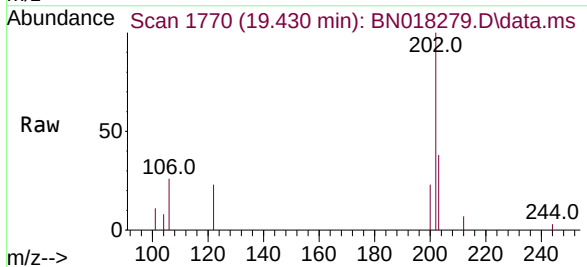
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

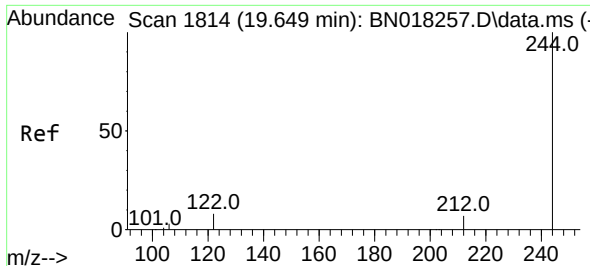
Tgt Ion:240 Resp: 82576
Ion Ratio Lower Upper
240 100
120 65.4 6.0 9.0#
236 44.8 21.4 32.2#



#30
Pyrene
Concen: 0.212 ng
RT: 19.430 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Tgt Ion:202 Resp: 68711
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 15.7 14.1 21.1

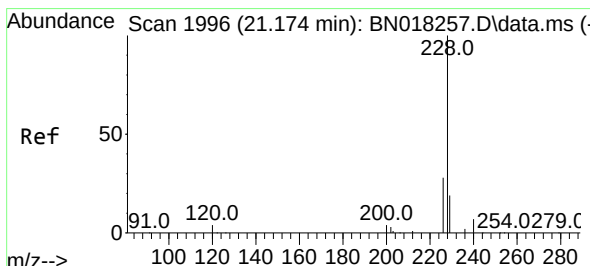
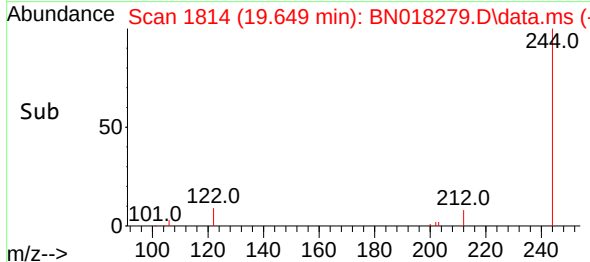
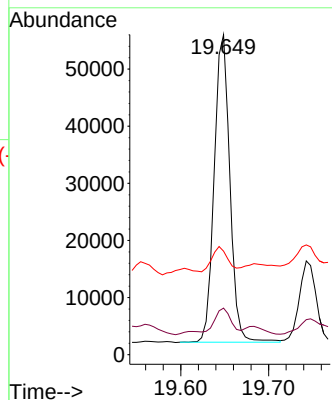
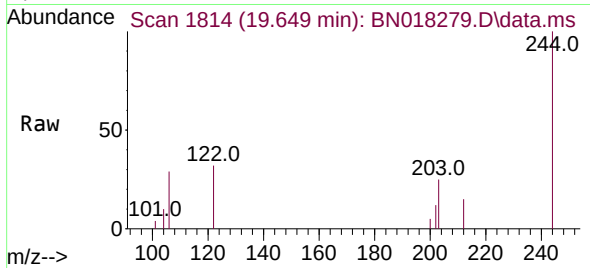




#31
 Terphenyl-d14
 Concen: 0.317 ng
 RT: 19.649 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

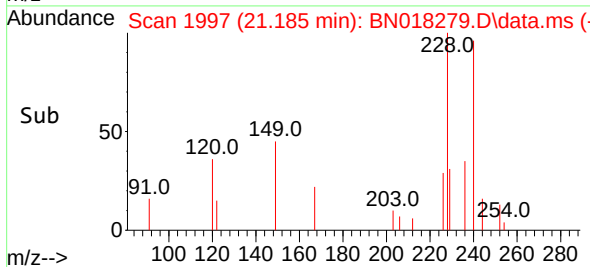
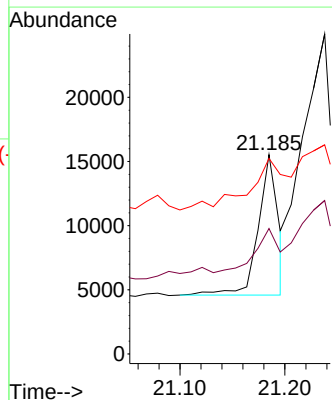
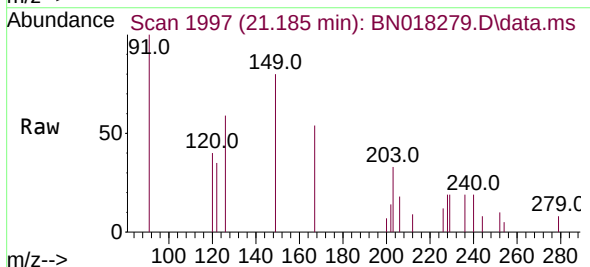
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

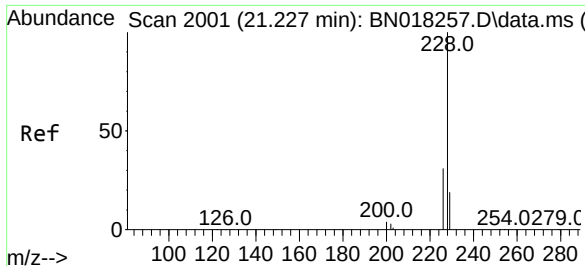
Tgt Ion:244 Resp: 66581
 Ion Ratio Lower Upper
 244 100
 212 14.5 6.2 9.2#
 122 32.4 7.9 11.9#



#32
 Benzo(a)anthracene
 Concen: 0.111 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. 0.011 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

Tgt Ion:228 Resp: 14550
 Ion Ratio Lower Upper
 228 100
 226 62.9 21.3 31.9#
 229 98.0 15.9 23.9#

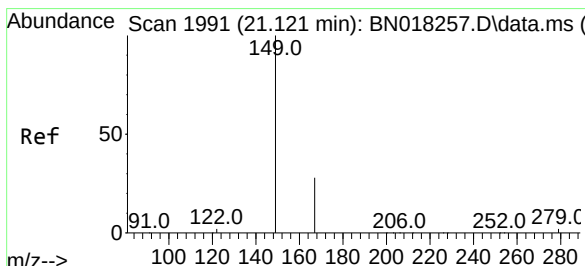
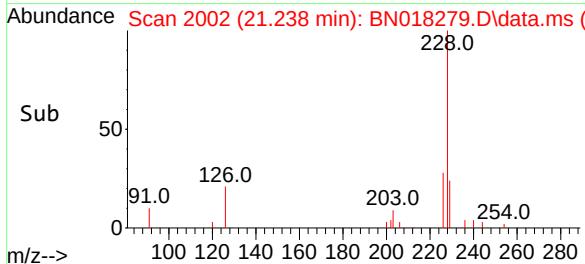
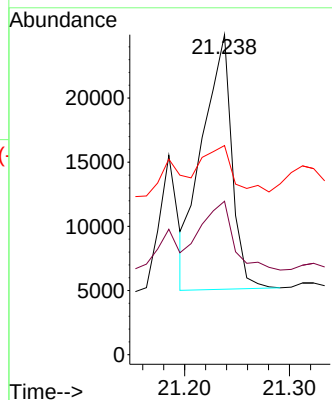
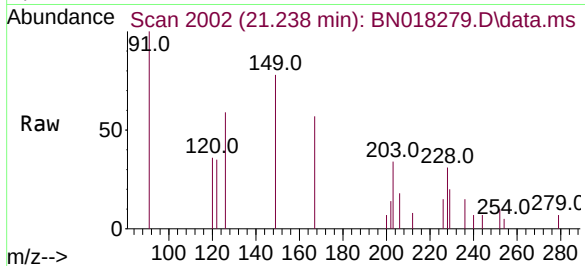




#33
Chrysene
Concen: 0.146 ng
RT: 21.238 min Scan# 2001
Delta R.T. 0.011 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

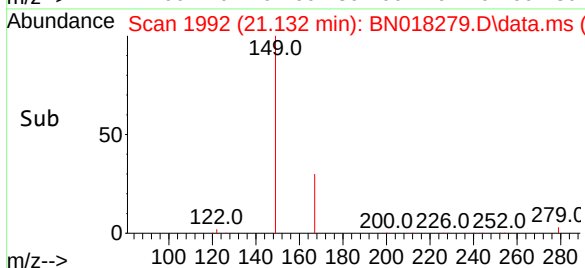
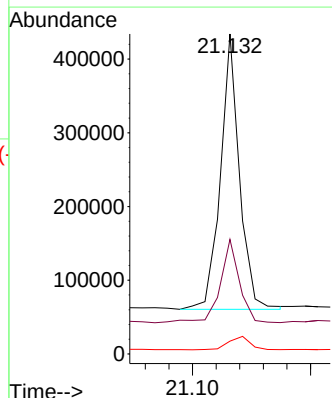
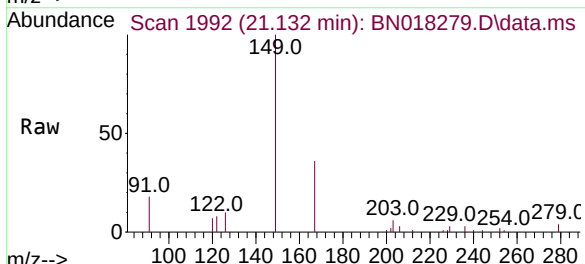
Instrument :
BNA_N
ClientSampleId :
OB-CS-07

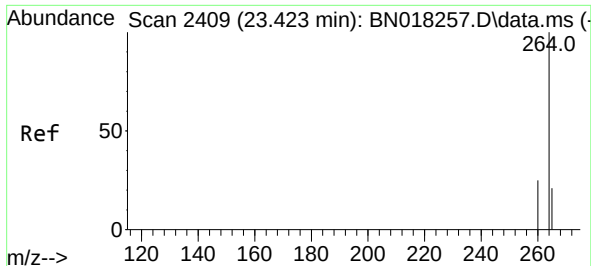
Tgt Ion:228 Resp: 38920
Ion Ratio Lower Upper
228 100
226 48.0 24.2 36.4#
229 65.4 15.5 23.3#



#34
Bis(2-ethylhexyl)phthalate
Concen: 4.034 ng
RT: 21.132 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

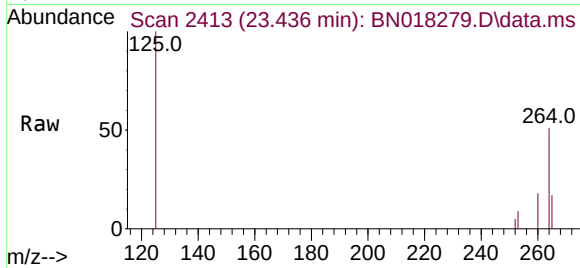
Tgt Ion:149 Resp: 415818
Ion Ratio Lower Upper
149 100
167 30.7 23.7 35.5
279 5.5 3.6 5.4#



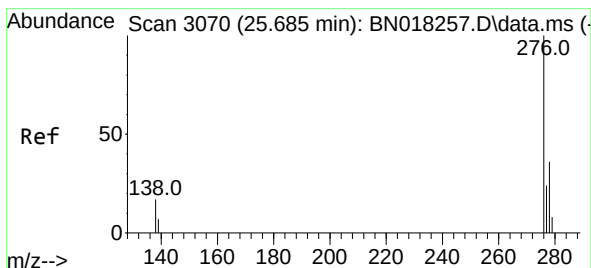
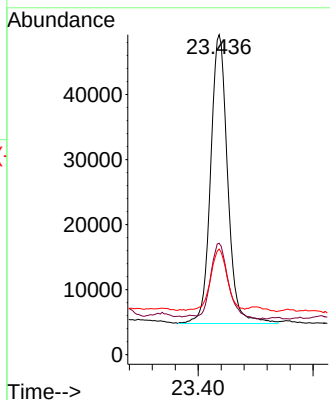
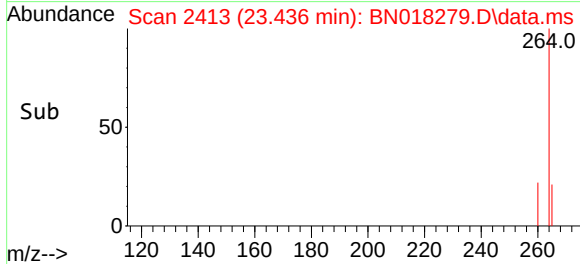


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.436 min Scan# 2409
 Delta R.T. 0.014 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

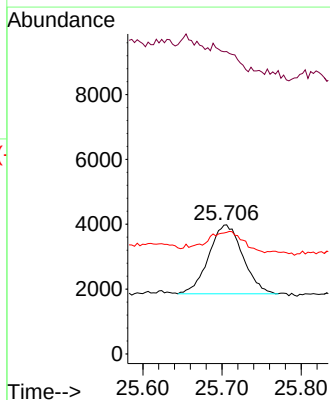
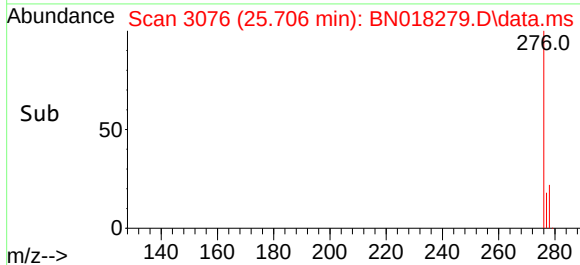
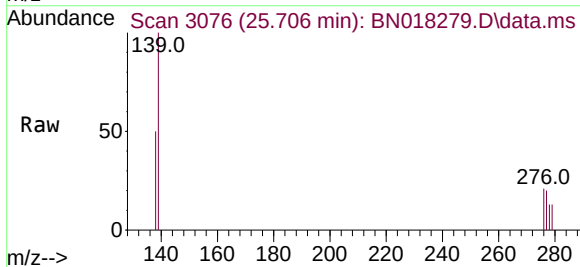


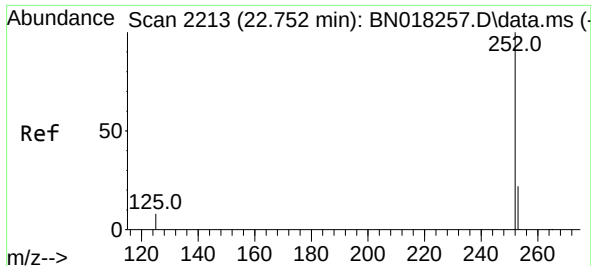
Tgt Ion:264 Resp: 91442
 Ion Ratio Lower Upper
 264 100
 260 34.8 20.2 30.4#
 265 33.0 18.2 27.2#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.029 ng
 RT: 25.706 min Scan# 3076
 Delta R.T. 0.020 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

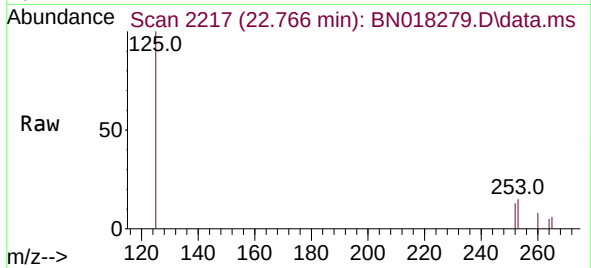
Tgt Ion:276 Resp: 6360
 Ion Ratio Lower Upper
 276 100
 138 0.0 14.9 22.3#
 277 31.7 19.9 29.9#



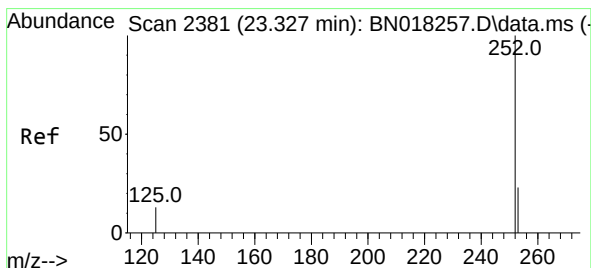
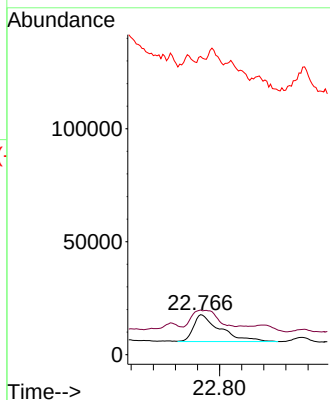
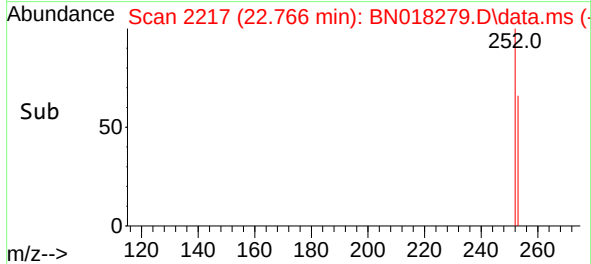


#37
Benzo(b)fluoranthene
Concen: 0.137 ng
RT: 22.766 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

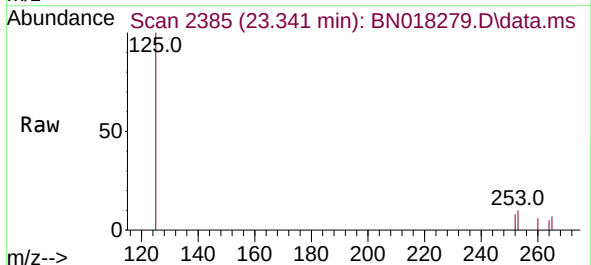
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



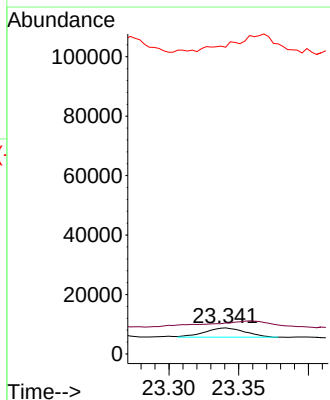
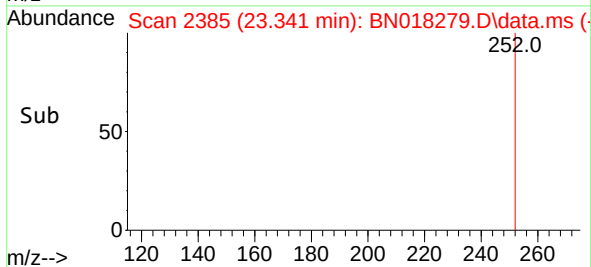
Tgt Ion:252 Resp: 39765
Ion Ratio Lower Upper
252 100
253 111.5 17.8 26.6#
125 745.8 6.0 9.0#

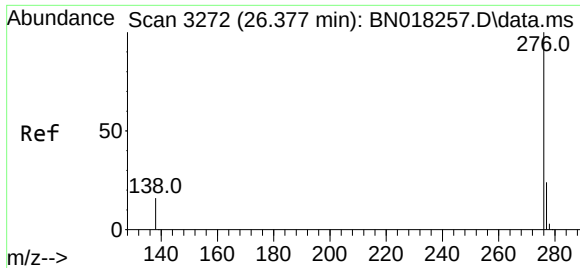


#39
Benzo(a)pyrene
Concen: 0.025 ng
RT: 23.341 min Scan# 2385
Delta R.T. 0.014 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14



Tgt Ion:252 Resp: 6300
Ion Ratio Lower Upper
252 100
253 119.3 17.8 26.6#
125 1178.4 7.0 10.4#





#41
 Benzo(g,h,i)perylene
 Concen: 0.043 ng
 RT: 26.394 min Scan# 31
 Delta R.T. 0.017 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

Tgt Ion:276 Resp: 9375
 Ion Ratio Lower Upper
 276 100
 277 75.1 19.0 28.6#
 138 153.5 12.6 19.0#

