

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
 Data File : BN016479.D
 Acq On : 25 Sep 2021 17:32
 Operator : CG/JU
 Sample : M3782-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 26 04:15:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 03:35:41 2021
 Response via : Initial Calibration

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

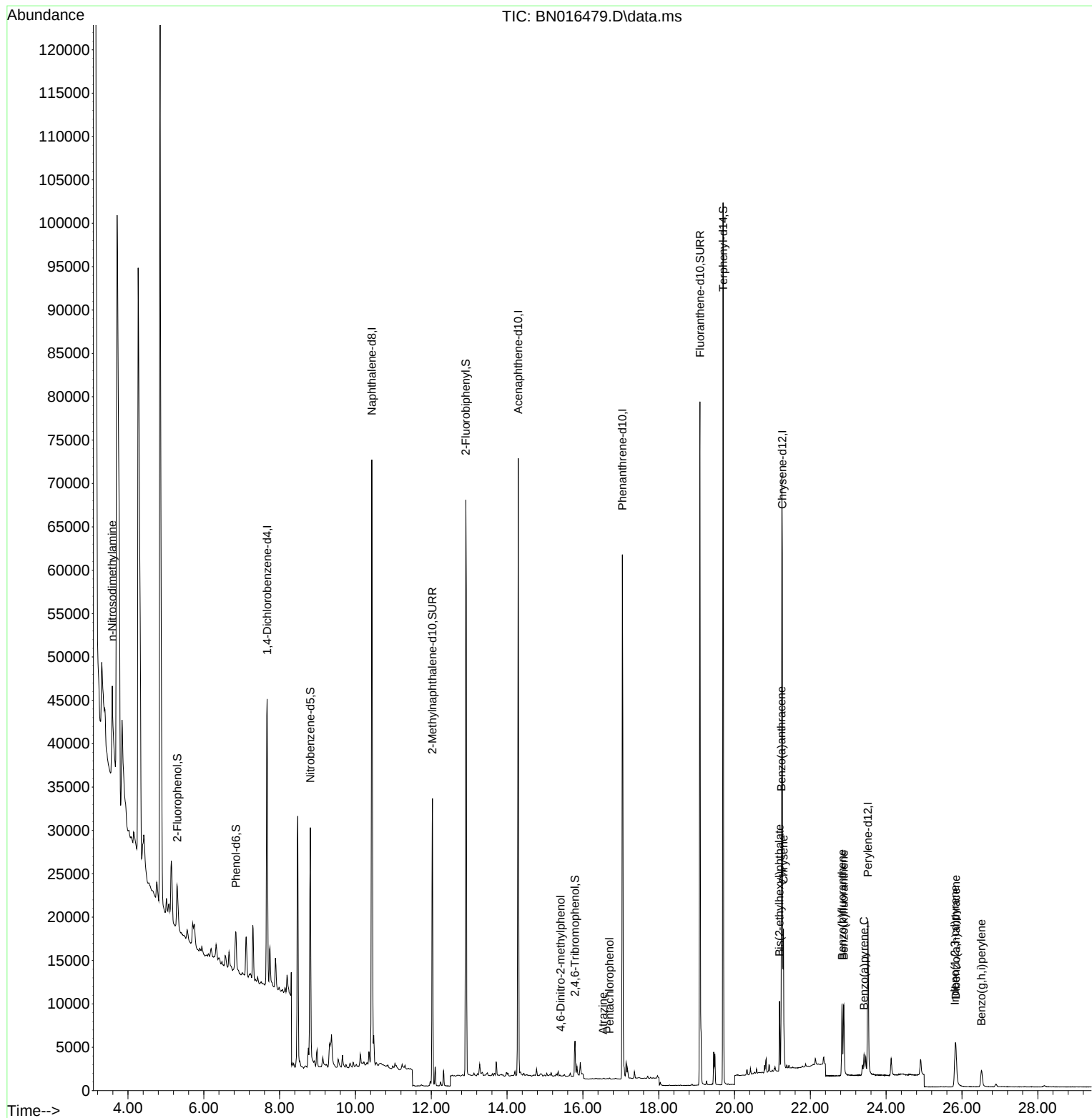
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	20592	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	88733	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	38254	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	83678	0.400	ng	0.00
29) Chrysene-d12	21.259	240	67881	0.400	ng	# 0.01
35) Perylene-d12	23.518	264	23615	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6409	0.139	ng	0.02
5) Phenol-d6	6.849	99	3982	0.073	ng	0.00
8) Nitrobenzene-d5	8.810	82	21464	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	12.029	152	43961	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	3170	0.347	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	63263	0.394	ng	-0.01
27) Fluoranthene-d10	19.087	212	89487	0.390	ng	0.00
31) Terphenyl-d14	19.698	244	96602	0.612	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.585	42	1217	0.057	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.410	198	11	0.148	ng	# 1
23) Atrazine	16.531	200	18	0.135	ng	# 1
24) Pentachlorophenol	16.701	266	70	0.247	ng	90
32) Benzo(a)anthracene	21.238	228	10524	0.053	ng	99
33) Chrysene	21.291	228	12999	0.061	ng	98
34) Bis(2-ethylhexyl)phtha...	21.185	149	7640	0.142	ng	96
36) Indeno(1,2,3-cd)pyrene	25.815	276	6301	0.082	ng	95
37) Benzo(b)fluoranthene	22.837	252	10810	0.137	ng	94
38) Benzo(k)fluoranthene	22.882	252	9837	0.129	ng	# 81
39) Benzo(a)pyrene	23.416	252	4074	0.063	ng	# 76
40) Dibenzo(a,h)anthracene	25.836	278	6650	0.102	ng	# 88
41) Benzo(g,h,i)perylene	26.513	276	4559	0.068	ng	98

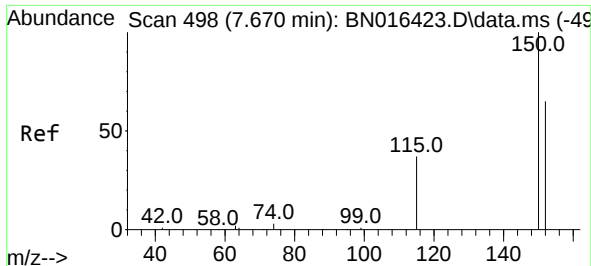
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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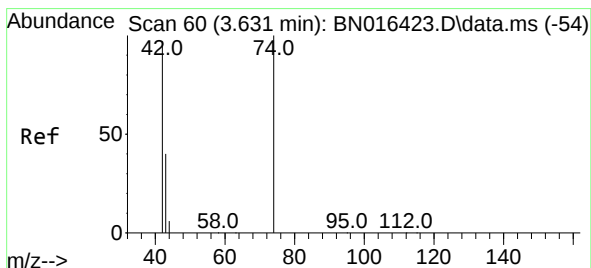
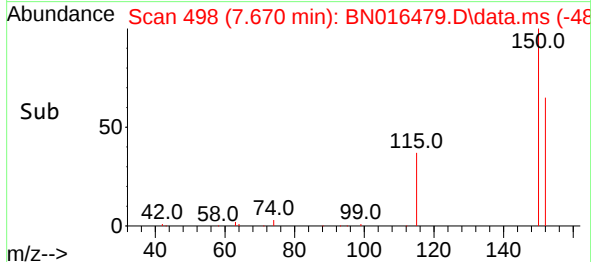
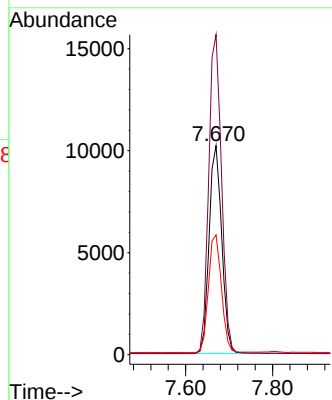
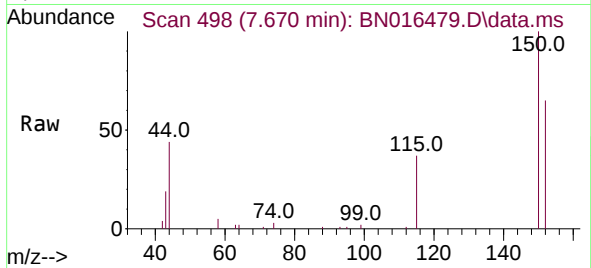


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016479.D
 Acq: 25 Sep 2021 17:32

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion: 152 Resp: 20592

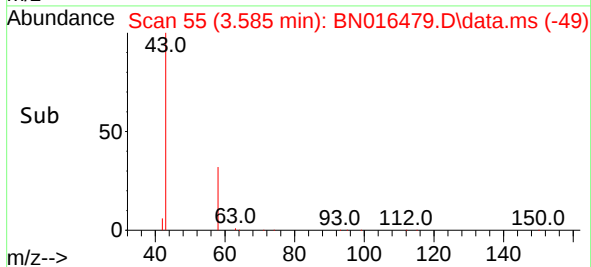
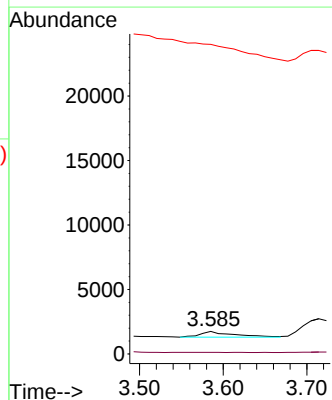
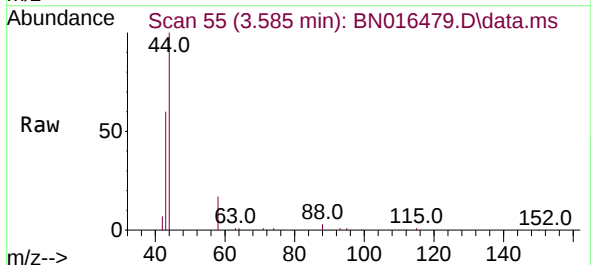
Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.6	188.4
115	57.4	50.2	75.2

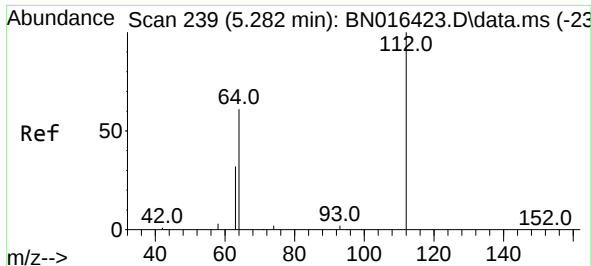


#3
 n-Nitrosodimethylamine
 Concen: 0.057 ng
 RT: 3.585 min Scan# 55
 Delta R.T. -0.046 min
 Lab File: BN016479.D
 Acq: 25 Sep 2021 17:32

Tgt Ion: 42 Resp: 1217

Ion	Ratio	Lower	Upper
42	100		
74	0.5	113.6	170.4#
44	0.0	0.0	0.0

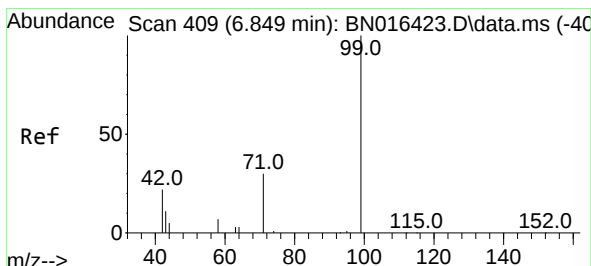
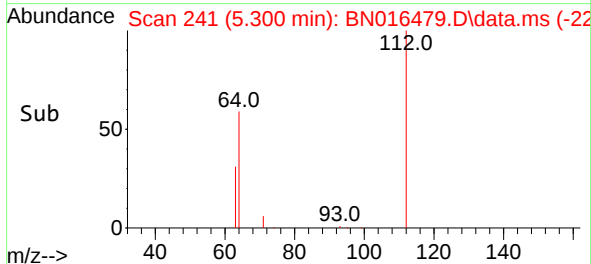
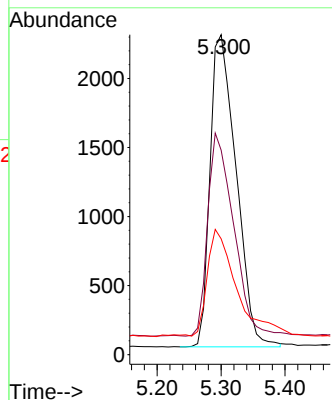
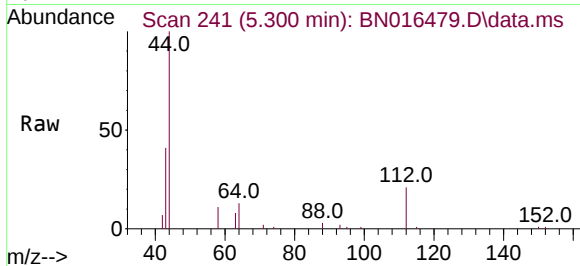




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.018 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

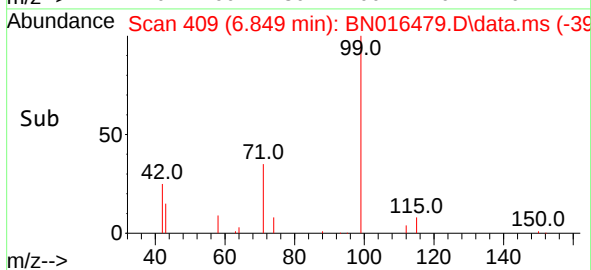
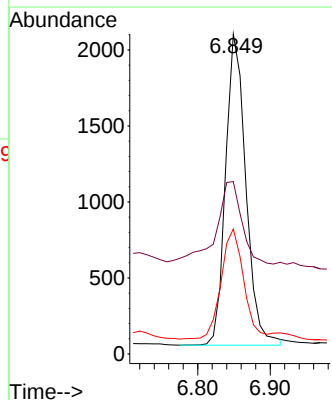
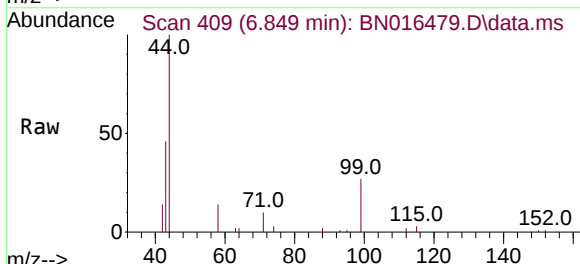
Instrument :
BNA_N
ClientSampled :

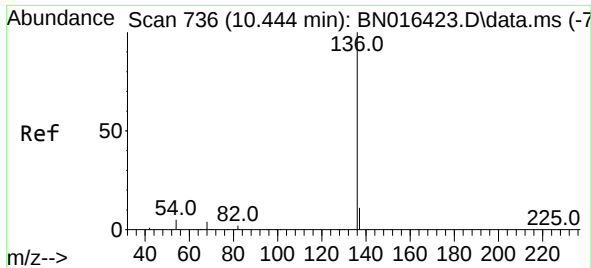
Tgt Ion: 112 Resp: 6409
Ion Ratio Lower Upper
112 100
64 64.3 47.3 70.9
63 36.9 23.4 35.0#



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.849 min Scan# 409
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Tgt Ion: 99 Resp: 3982
Ion Ratio Lower Upper
99 100
42 33.8 14.0 21.0#
71 39.4 23.8 35.6#

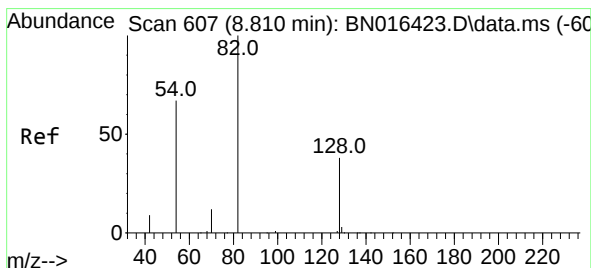
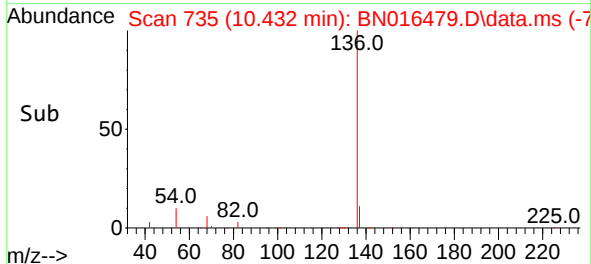
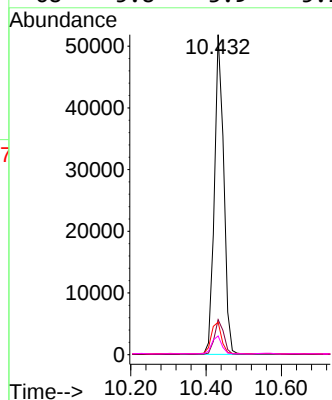
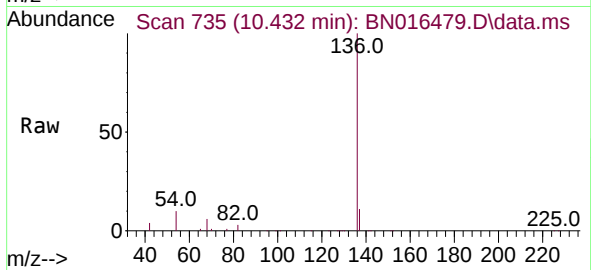




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.013 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

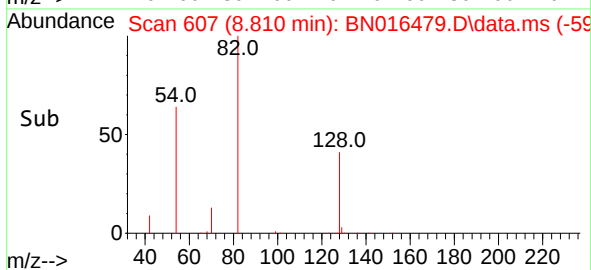
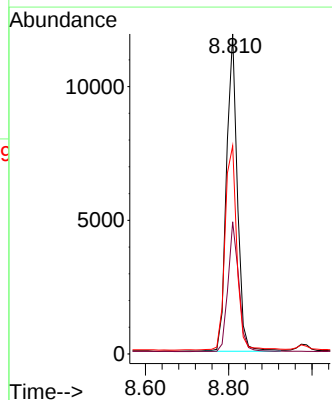
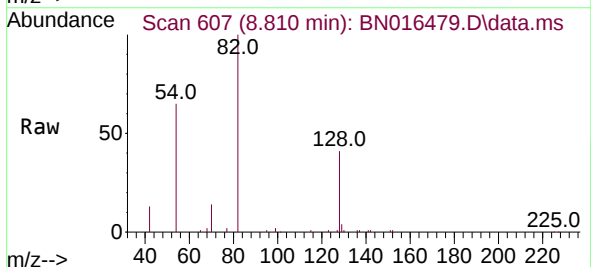
Instrument :
BNA_N
ClientSampleId :

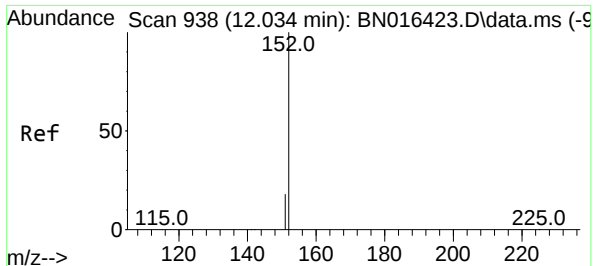
Tgt Ion:	136	Resp:	88733
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	10.2	5.3	7.9#
68	5.8	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.810 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Tgt Ion:	82	Resp:	21464
Ion Ratio	Lower	Upper	
82	100		
128	41.3	31.7	47.5
54	65.0	46.4	69.6

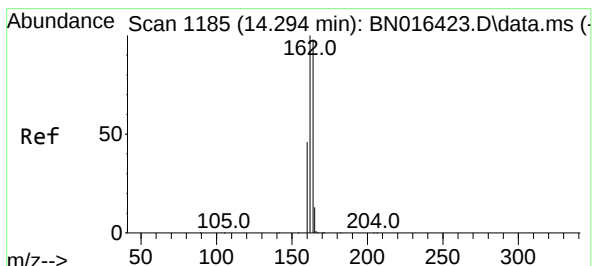
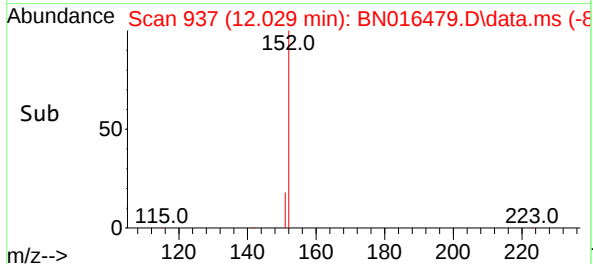
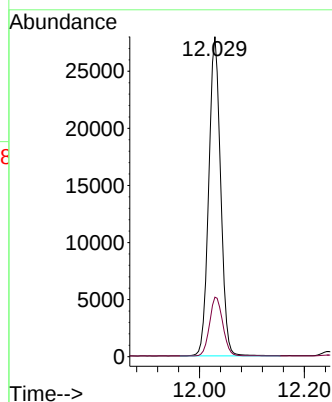
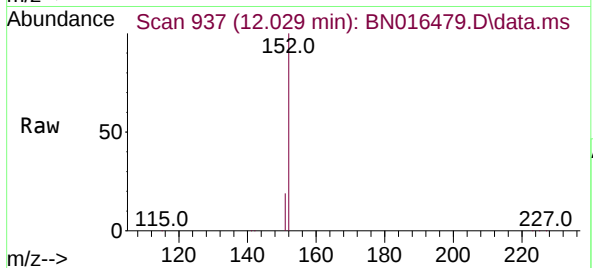




#11
2-Methylnaphthalene-d10
Concen: 0.334 ng
RT: 12.029 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

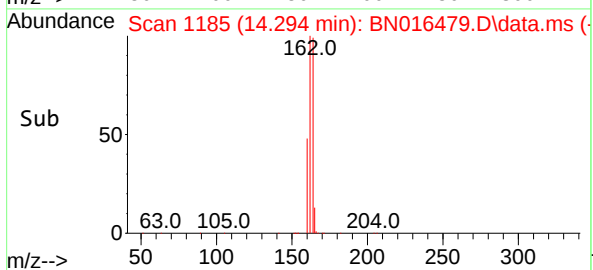
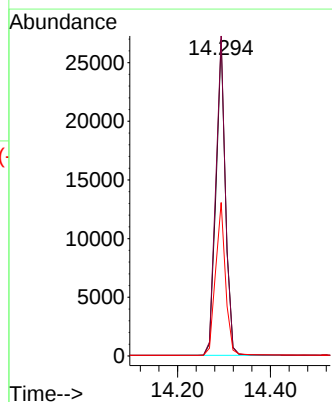
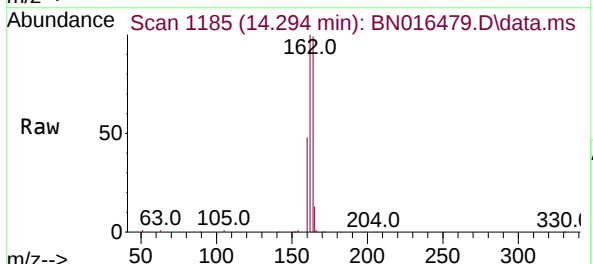
Instrument :
BNA_N
ClientSampleId :

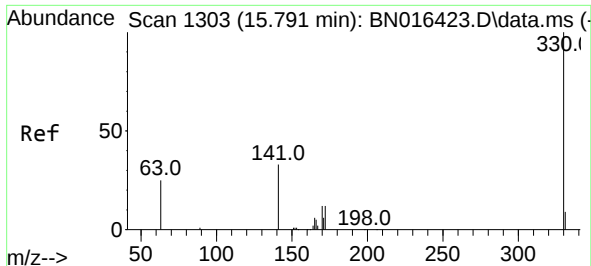
Tgt Ion:152 Resp: 43961
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Tgt Ion:164 Resp: 38254
Ion Ratio Lower Upper
164 100
162 101.2 79.0 118.4
160 48.5 34.1 51.1

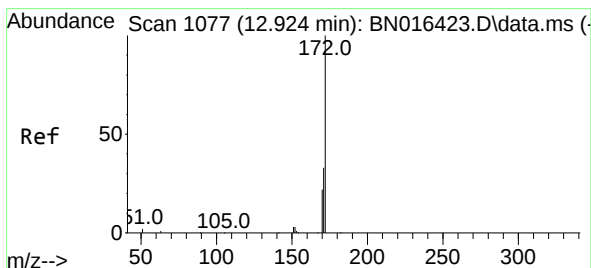
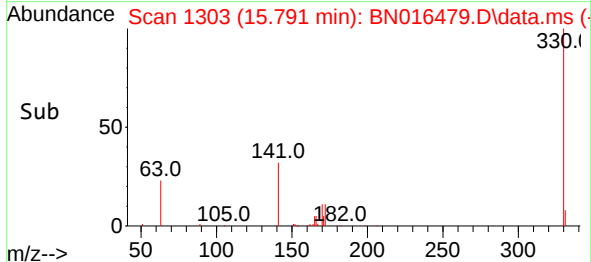
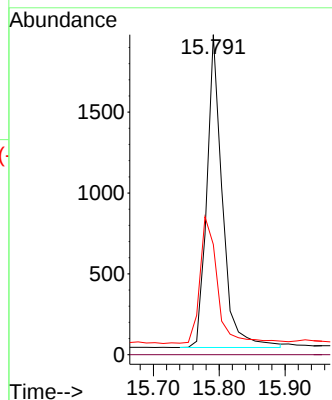
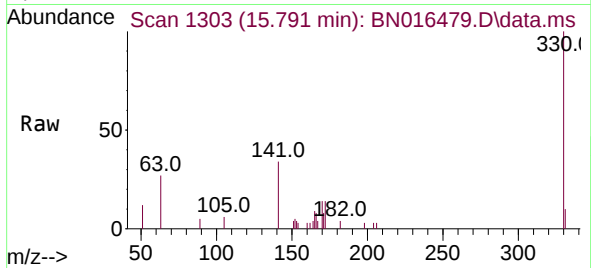




#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

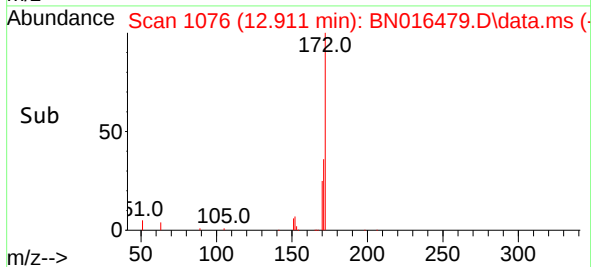
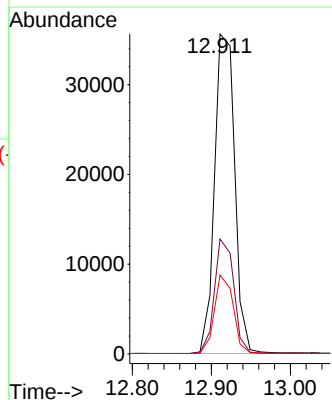
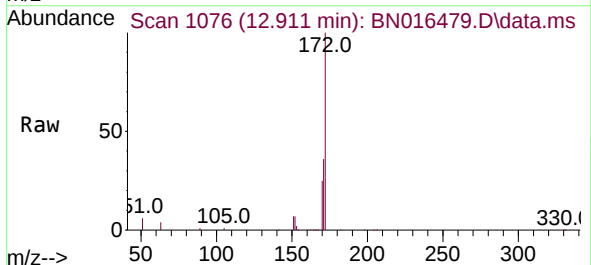
Instrument :
BNA_N
ClientSampled :

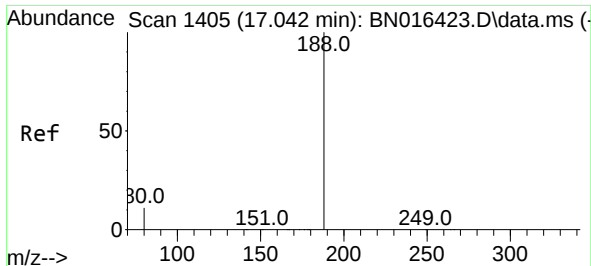
Tgt Ion:330 Resp: 3170
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.8 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.911 min Scan# 1076
Delta R.T. -0.013 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Tgt Ion:172 Resp: 63263
Ion Ratio Lower Upper
172 100
171 35.9 27.8 41.6
170 24.6 18.2 27.2

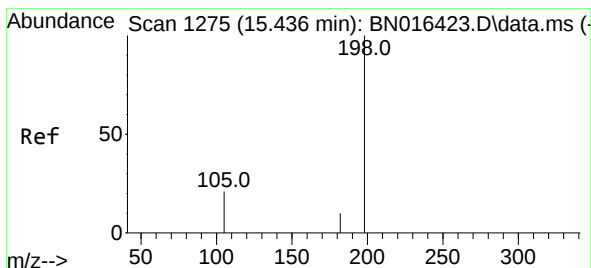
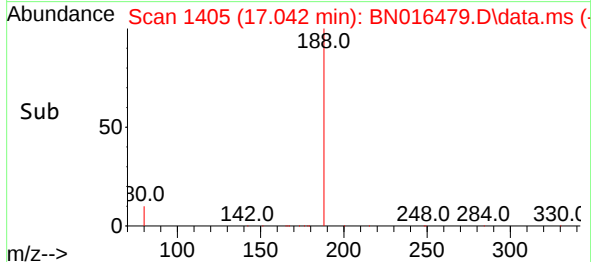
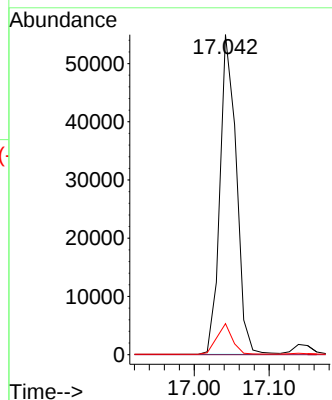
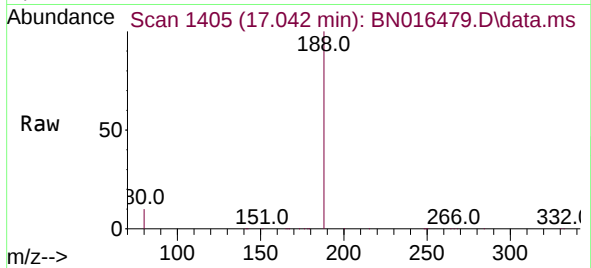




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

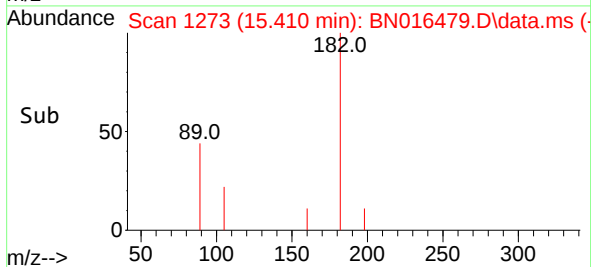
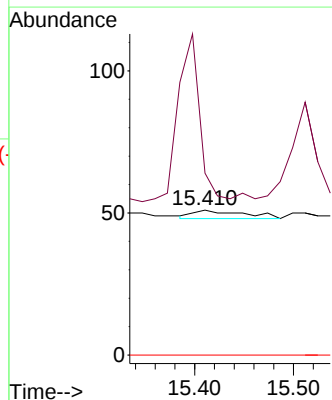
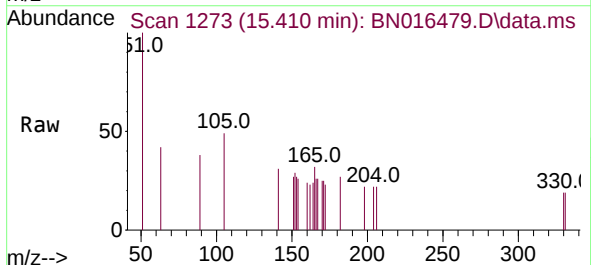
Instrument :
BNA_N
ClientSampleId :

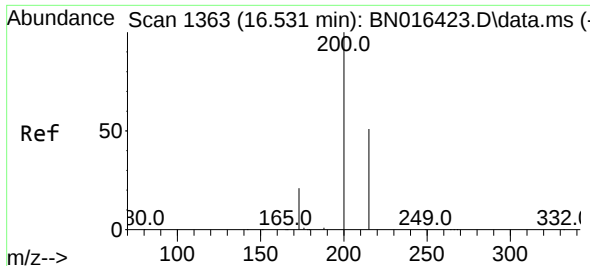
Tgt Ion:188	Resp:	83678
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	9.7	7.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.026 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Tgt Ion:198	Resp:	11
Ion Ratio	Lower	Upper
198	100	
182	125.5	26.6
77	0.0	0.0

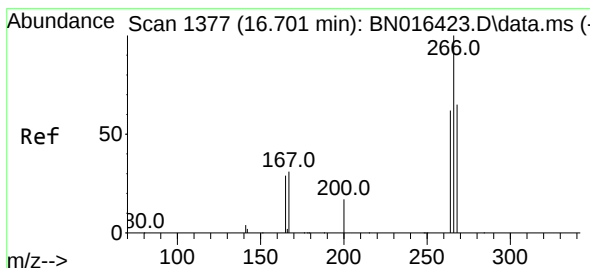
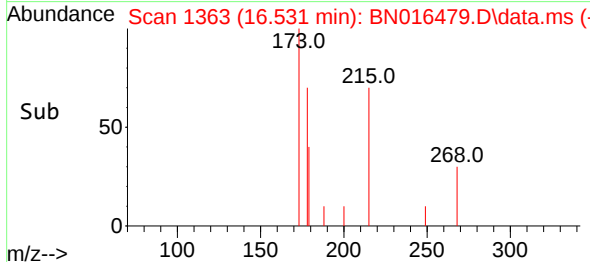
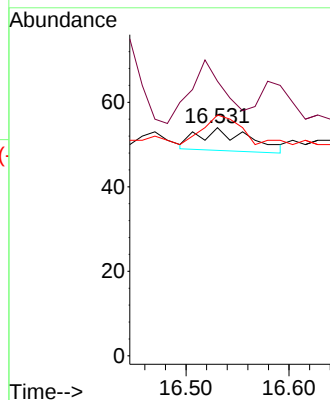
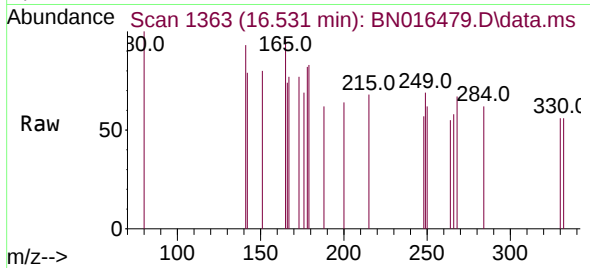




#23
Atrazine
Concen: 0.135 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

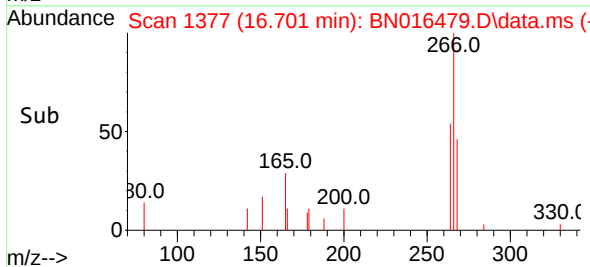
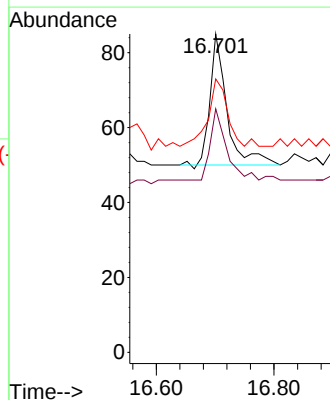
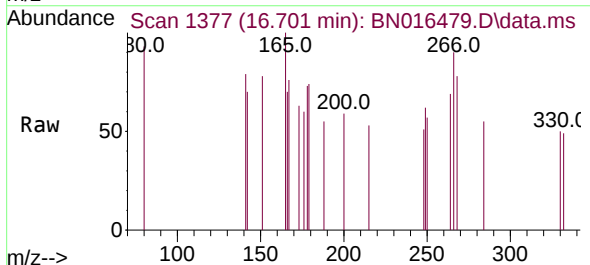
Instrument :
BNA_N
ClientSampleId :

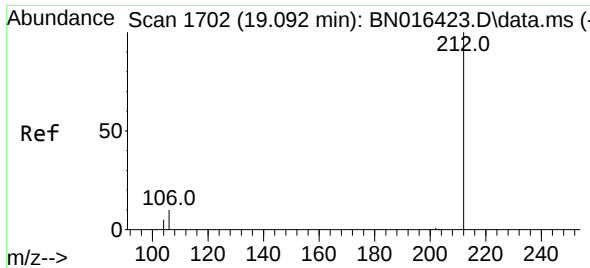
Tgt Ion:200 Resp: 18
Ion Ratio Lower Upper
200 100
173 120.4 18.7 28.1#
215 105.6 41.6 62.4#



#24
Pentachlorophenol
Concen: 0.247 ng
RT: 16.701 min Scan# 1377
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Tgt Ion:266 Resp: 70
Ion Ratio Lower Upper
266 100
264 52.9 50.6 75.8
268 60.0 52.6 79.0

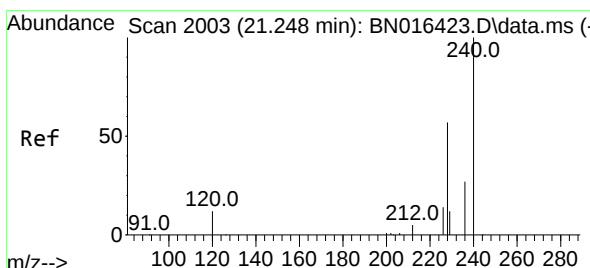
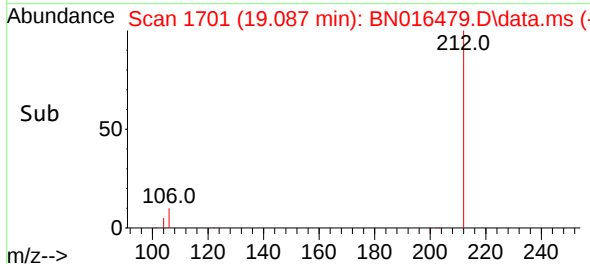
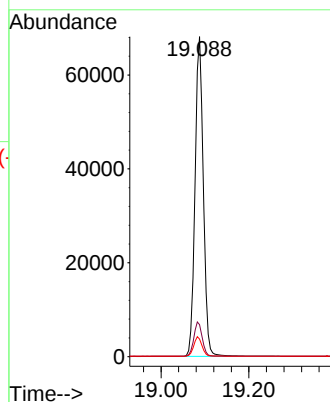
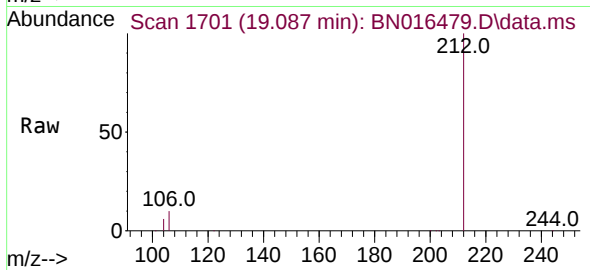




#27
Fluoranthene-d10
Concen: 0.390 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

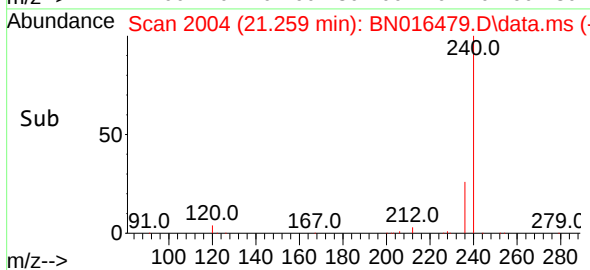
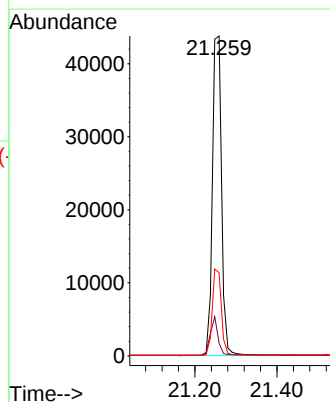
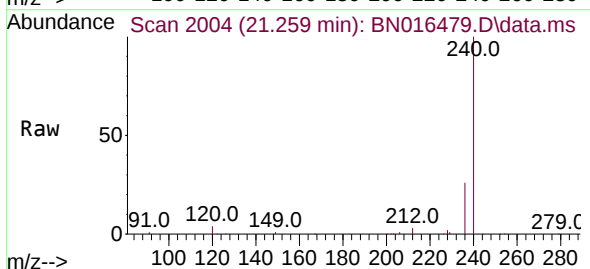
Instrument :
BNA_N
ClientSampleId :

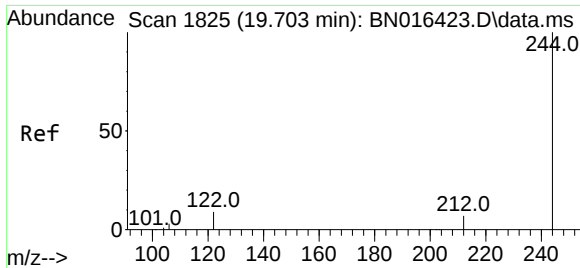
Tgt Ion:212 Resp: 89487
Ion Ratio Lower Upper
212 100
106 10.8 9.8 14.6
104 6.0 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.011 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

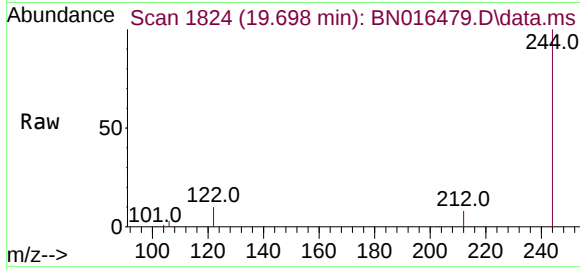
Tgt Ion:240 Resp: 67881
Ion Ratio Lower Upper
240 100
120 4.0 5.3 7.9#
236 26.0 19.8 29.8



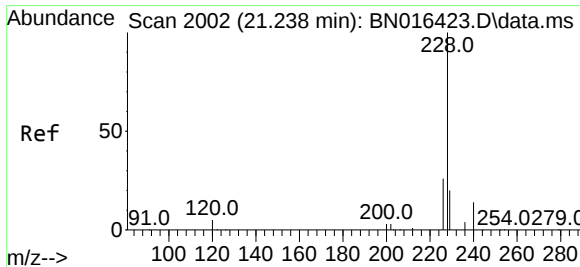
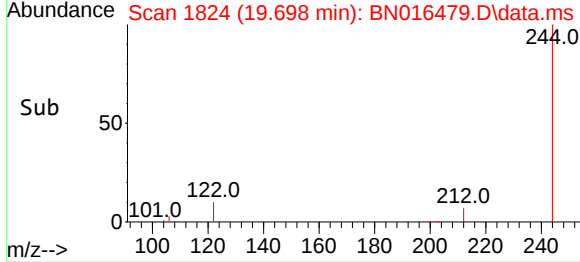
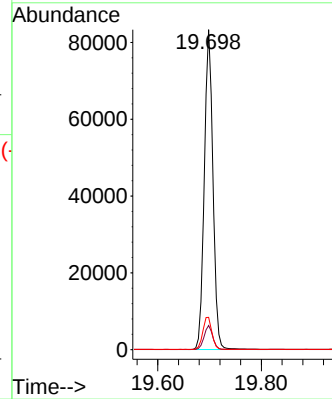


#31
Terphenyl-d14
Concen: 0.612 ng
RT: 19.698 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Instrument :
BNA_N
ClientSampleId :

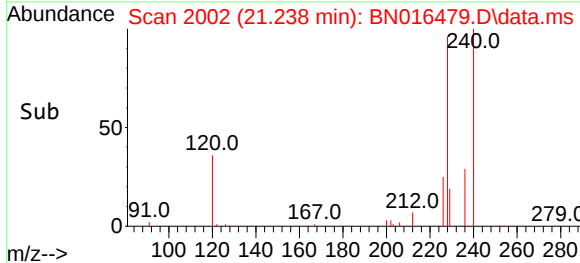
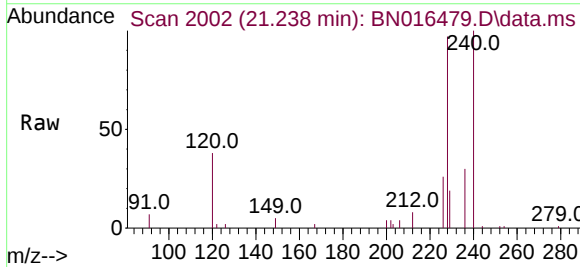
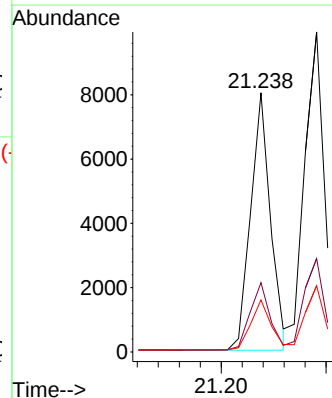


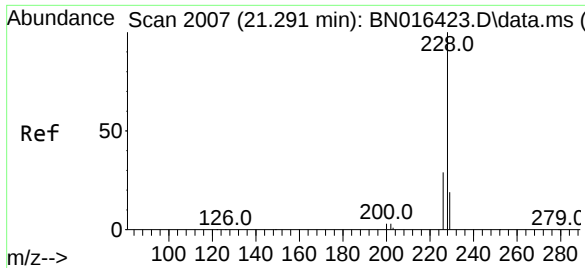
Tgt Ion:244 Resp: 96602
Ion Ratio Lower Upper
244 100
212 7.5 5.5 8.3
122 10.1 9.0 13.4



#32
Benzo(a)anthracene
Concen: 0.053 ng
RT: 21.238 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Tgt Ion:228 Resp: 10524
Ion Ratio Lower Upper
228 100
226 26.7 20.8 31.2
229 20.1 15.8 23.6

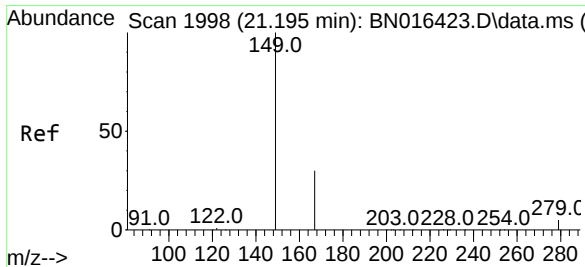
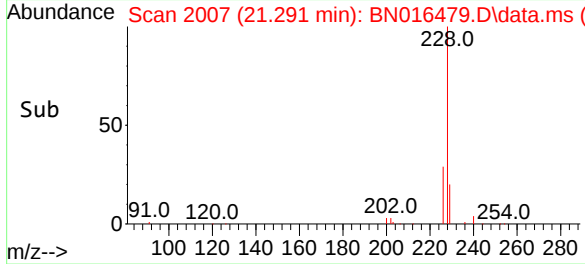
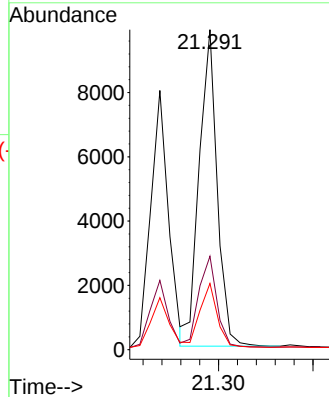
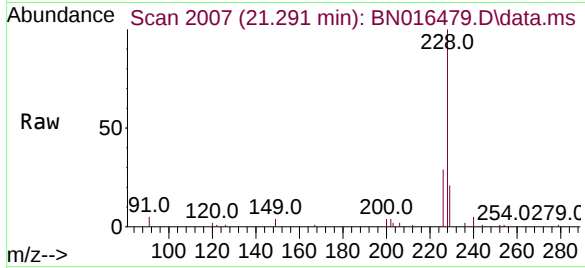




#33
Chrysene
Concen: 0.061 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

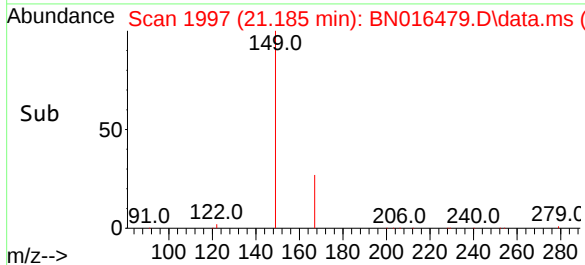
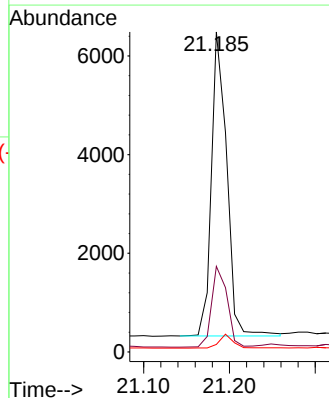
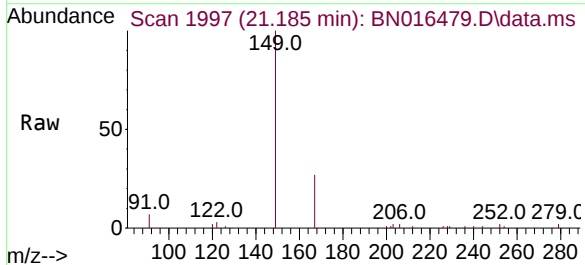
Instrument :
BNA_N
ClientSampled :

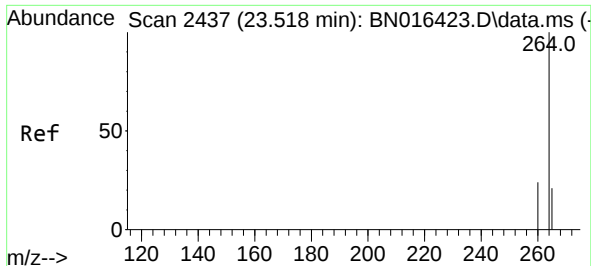
Tgt Ion:228	Resp:	12999
Ion Ratio	Lower	Upper
228	100	
226	29.2	23.0 34.4
229	20.7	15.6 23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.142 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.011 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

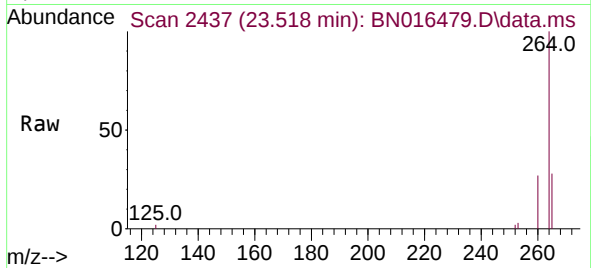
Tgt Ion:149	Resp:	7640
Ion Ratio	Lower	Upper
149	100	
167	27.1	23.4 35.0
279	4.1	3.9 5.9





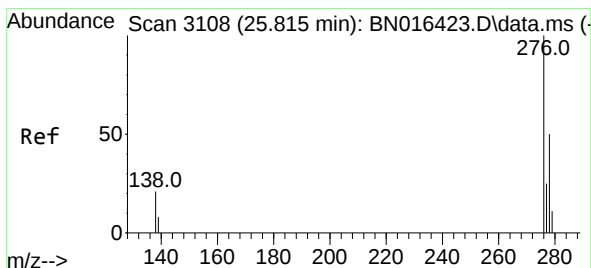
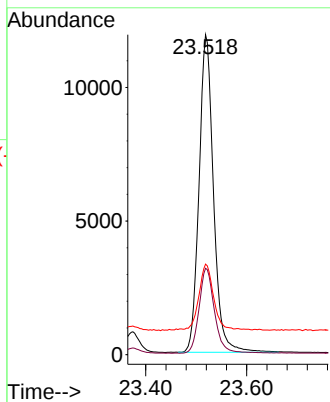
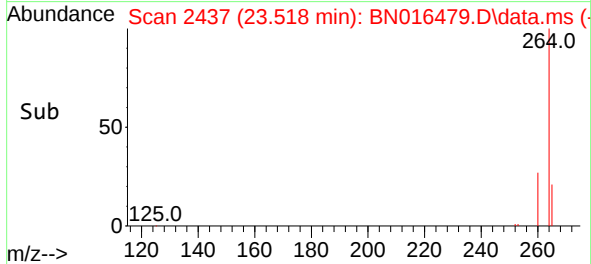
#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.518 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BN016479.D
 Acq: 25 Sep 2021 17:32

Instrument :
 BNA_N
 ClientSampled :

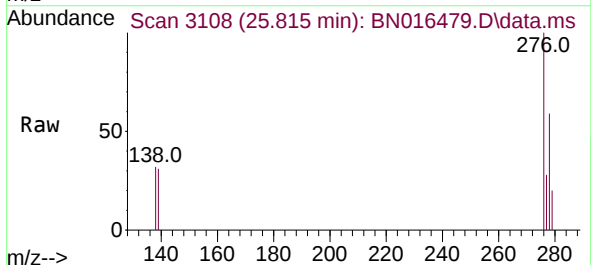


Tgt Ion:264 Resp: 23615

Ion	Ratio	Lower	Upper
264	100		
260	27.0	18.9	28.3
265	28.3	23.7	35.5

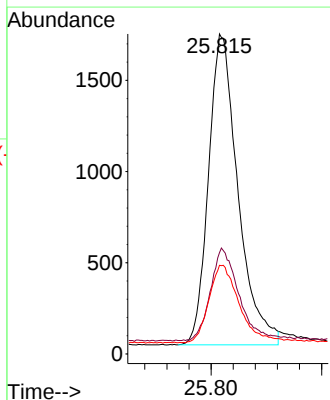
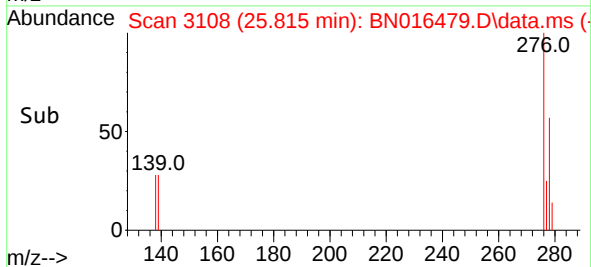


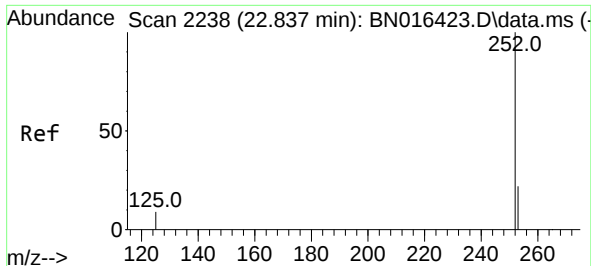
#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.082 ng
 RT: 25.815 min Scan# 3108
 Delta R.T. -0.000 min
 Lab File: BN016479.D
 Acq: 25 Sep 2021 17:32



Tgt Ion:276 Resp: 6301

Ion	Ratio	Lower	Upper
276	100		
138	28.6	19.3	28.9
277	25.6	20.2	30.2

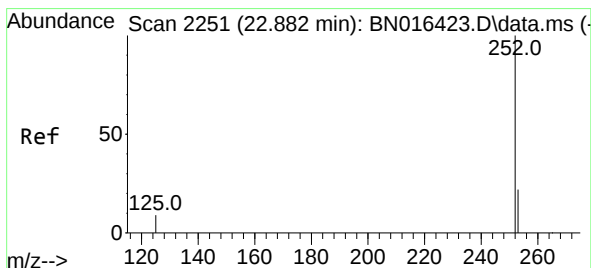
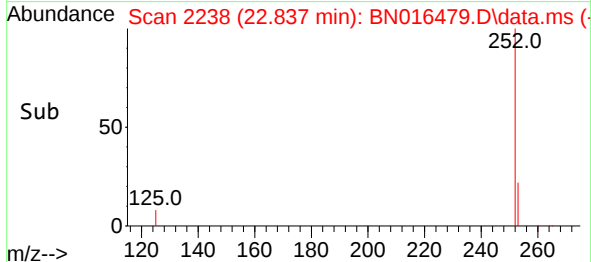
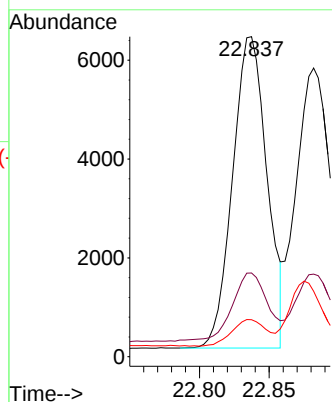
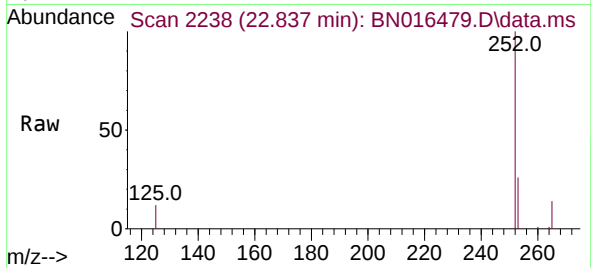




#37
Benzo(b)fluoranthene
Concen: 0.137 ng
RT: 22.837 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

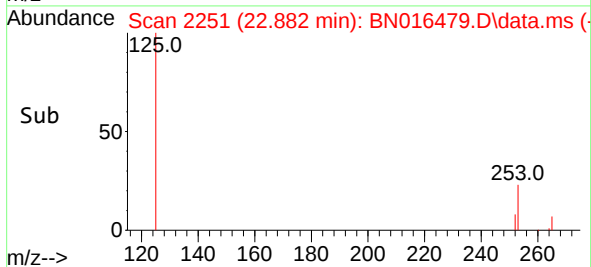
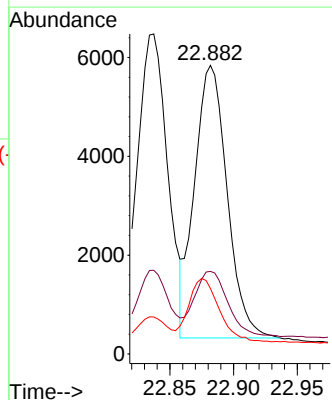
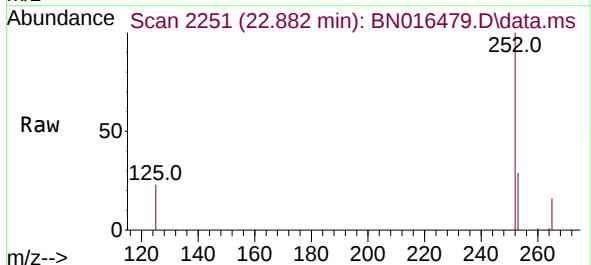
Instrument :
BNA_N
ClientSampleId :

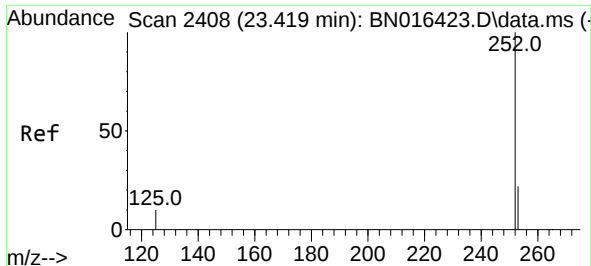
Tgt Ion:252 Resp: 10810
Ion Ratio Lower Upper
252 100
253 26.2 18.2 27.2
125 11.5 8.4 12.6



#38
Benzo(k)fluoranthene
Concen: 0.129 ng
RT: 22.882 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Tgt Ion:252 Resp: 9837
Ion Ratio Lower Upper
252 100
253 28.6 18.2 27.2#
125 22.7 8.2 12.4#





#39

Benzo(a)pyrene

Concen: 0.063 ng

RT: 23.416 min Scan# 2407

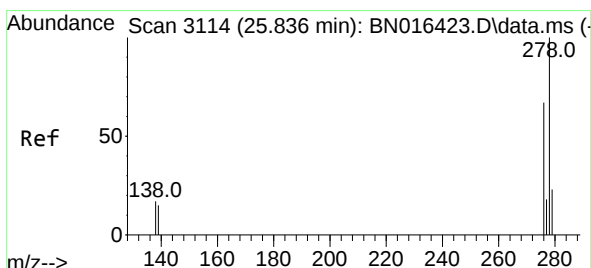
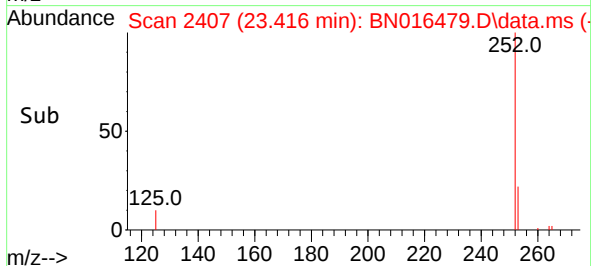
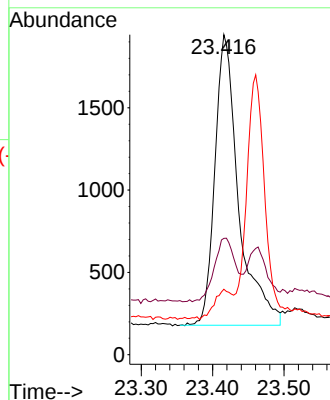
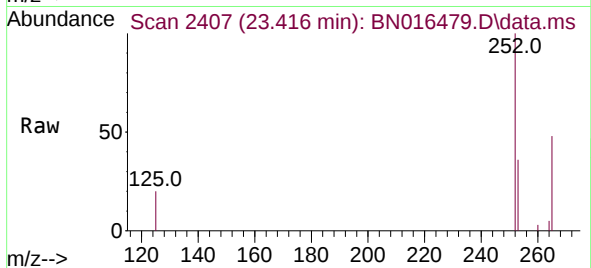
Delta R.T. -0.003 min

Lab File: BN016479.D

Acq: 25 Sep 2021 17:32

Tgt Ion:	252	Resp:	4074
Ion Ratio	Lower	Upper	
252	100		
253	36.4	18.7	28.1#
125	20.5	9.9	14.9#

Instrument :
BNA_N
ClientSampleId :



#40

Dibenzo(a,h)anthracene

Concen: 0.102 ng

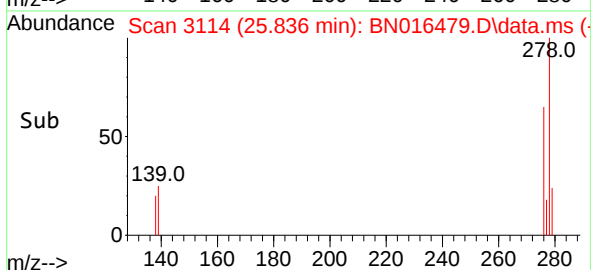
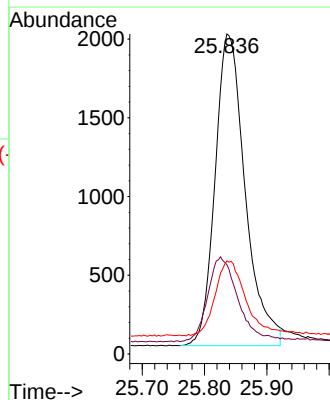
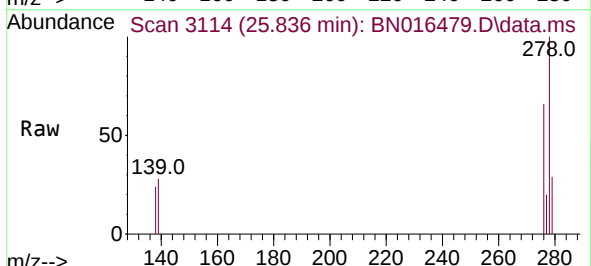
RT: 25.836 min Scan# 3114

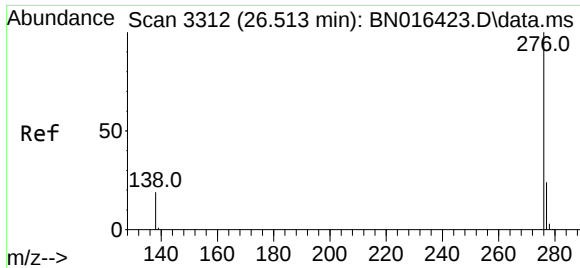
Delta R.T. 0.000 min

Lab File: BN016479.D

Acq: 25 Sep 2021 17:32

Tgt Ion:	278	Resp:	6650
Ion Ratio	Lower	Upper	
278	100		
139	27.9	14.2	21.2#
279	29.1	21.3	31.9





#41
Benzo(g,h,i)perylene
Concen: 0.068 ng
RT: 26.513 min Scan# 3312
Delta R.T. -0.000 min
Lab File: BN016479.D
Acq: 25 Sep 2021 17:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:	276	Resp:	4559
Ion Ratio	Lower	Upper	
276	100		
277	26.5	20.5	30.7
138	23.4	18.2	27.4

