

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016679.D
 Acq On : 02 Oct 2021 20:09
 Operator : CG/JU
 Sample : M3829-19
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 03:35:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 13:35:26 2021
 Response via : Initial Calibration

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

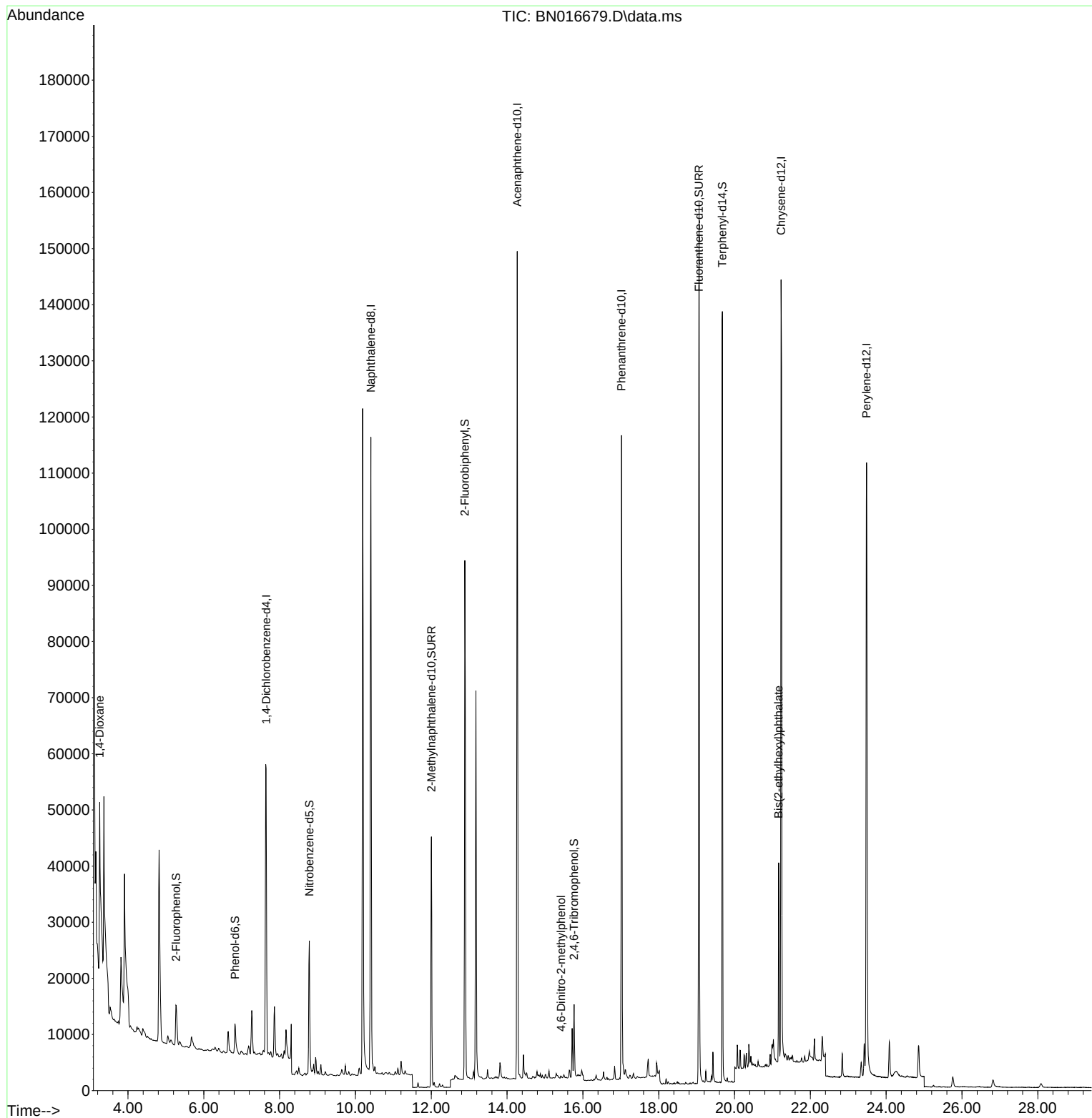
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32936	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	150508	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	81152	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	158664	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	151085	0.400	ng	#-0.01
35) Perylene-d12	23.481	264	151963	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	10322	0.123	ng	0.02
5) Phenol-d6	6.822	99	6280	0.068	ng	0.00
8) Nitrobenzene-d5	8.784	82	22782	0.232	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	60214	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11308	0.306	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	84331	0.257	ng	-0.01
27) Fluoranthene-d10	19.063	212	174469	0.414	ng	0.00
31) Terphenyl-d14	19.678	244	145026	0.441	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	25216	1.663	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.423	198	3	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	34736	0.188	ng	99

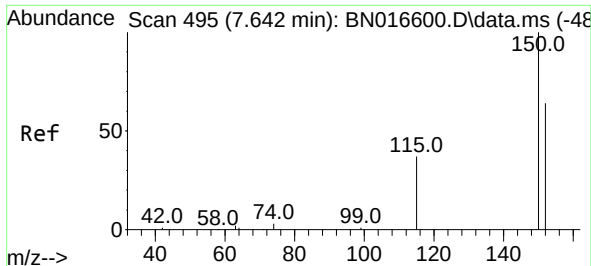
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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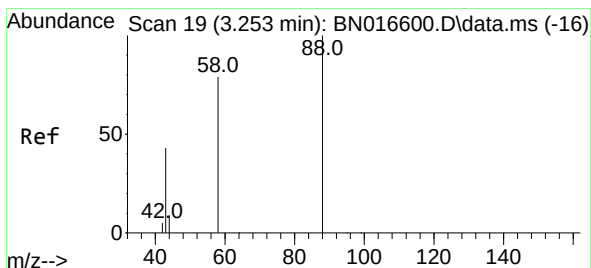
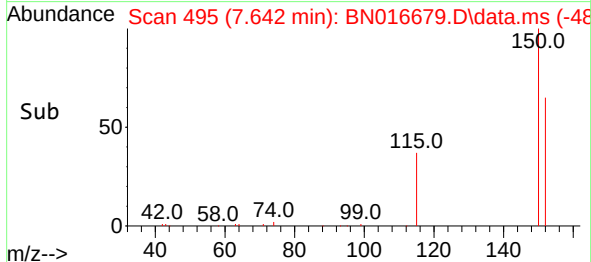
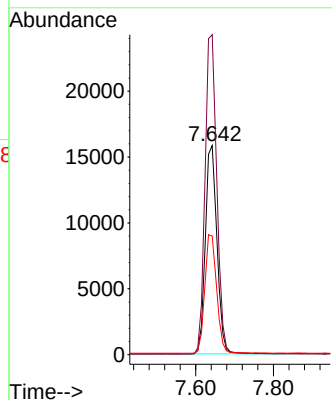
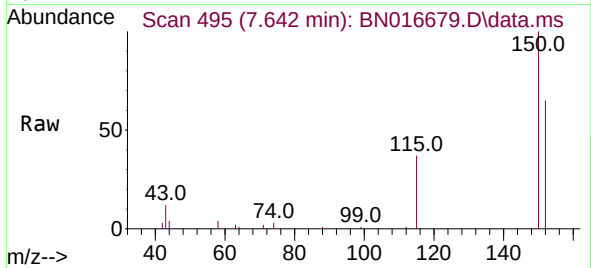




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016679.D
 Acq: 02 Oct 2021 20:09

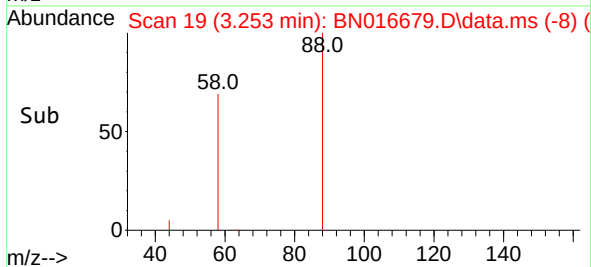
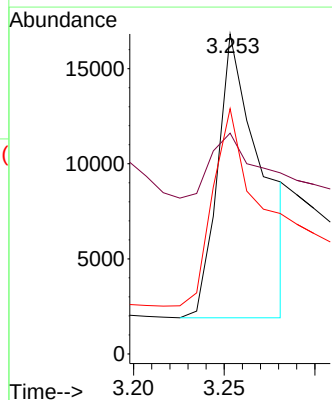
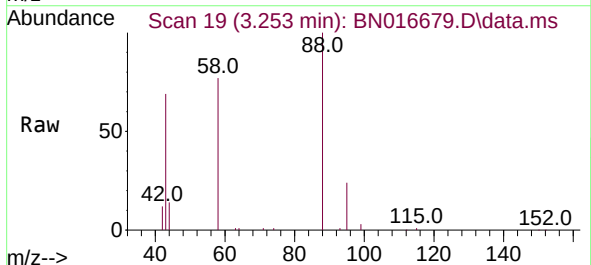
Instrument :
 BNA_N
 ClientSampleId :

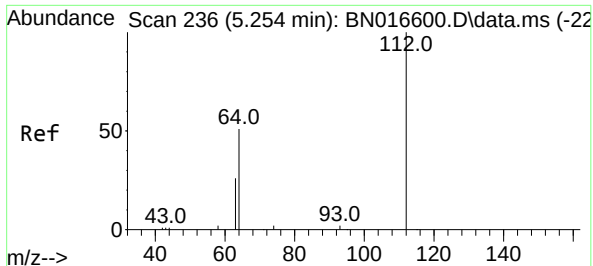
Tgt Ion:152 Resp: 32936
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.6 186.8
 115 56.7 46.5 69.7



#2
 1,4-Dioxane
 Concen: 1.663 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016679.D
 Acq: 02 Oct 2021 20:09

Tgt Ion: 88 Resp: 25216
 Ion Ratio Lower Upper
 88 100
 43 23.8 37.8 56.8#
 58 73.2 61.3 91.9

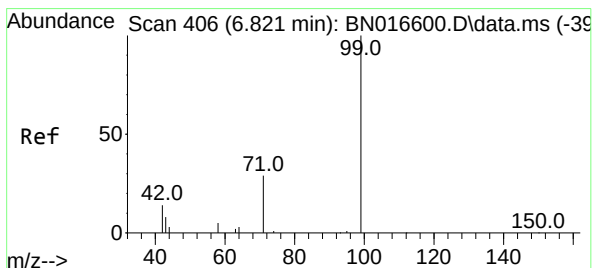
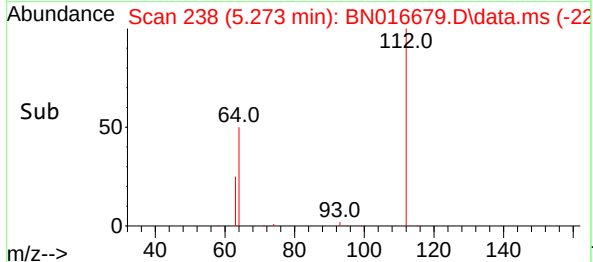
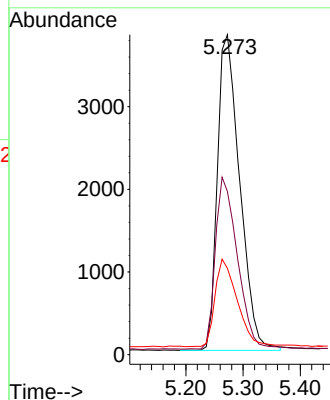
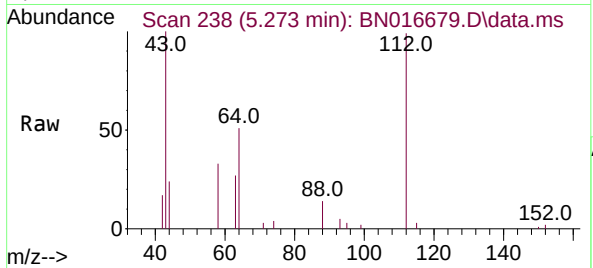




#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

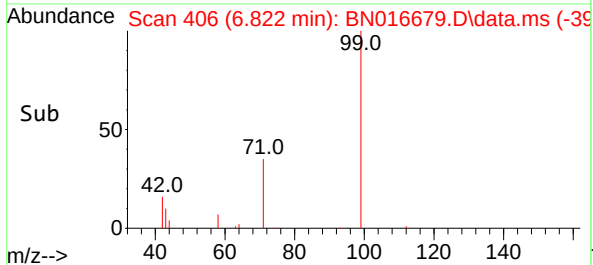
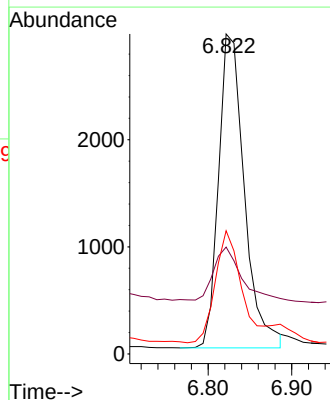
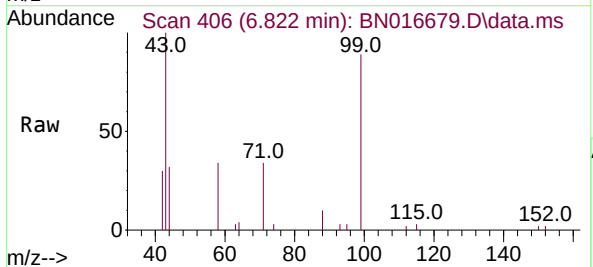
Instrument :
BNA_N
ClientSampleId :

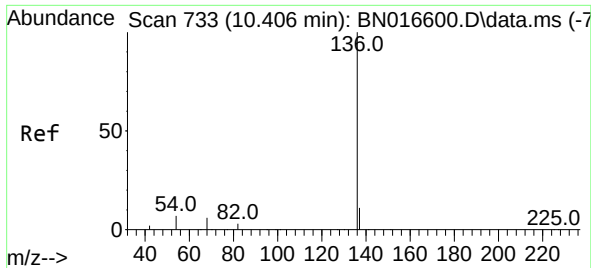
Tgt Ion:112 Resp: 10322
Ion Ratio Lower Upper
112 100
64 53.8 43.1 64.7
63 27.7 21.6 32.4



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

Tgt Ion: 99 Resp: 6280
Ion Ratio Lower Upper
99 100
42 17.4 13.0 19.6
71 36.5 23.5 35.3#

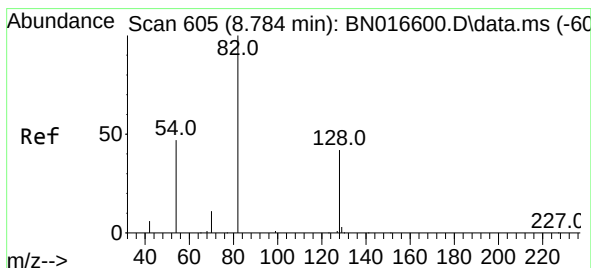
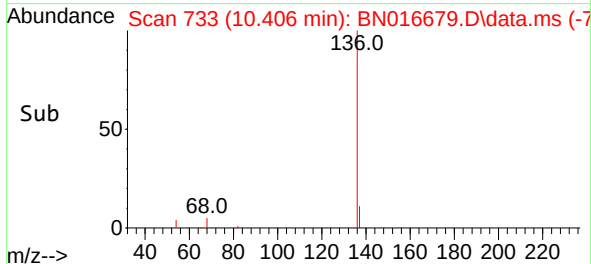
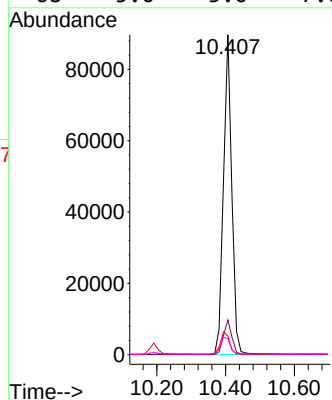
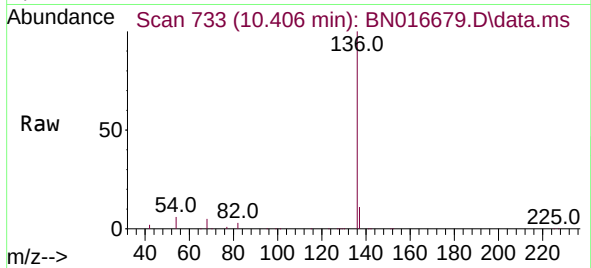




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

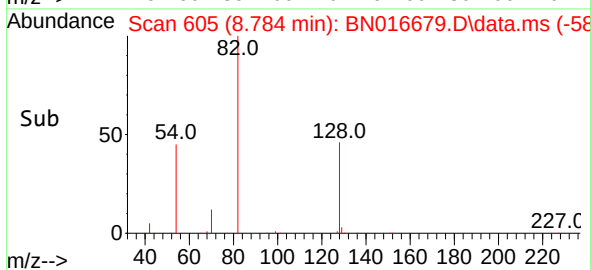
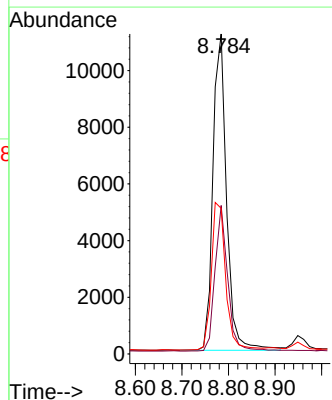
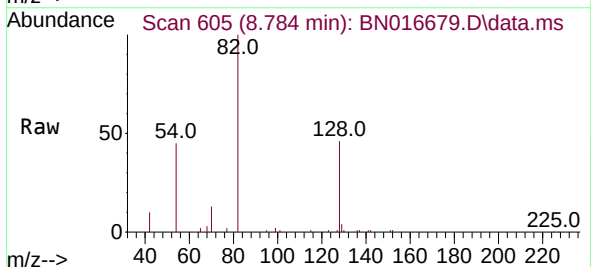
Instrument :
BNA_N
ClientSampleId :

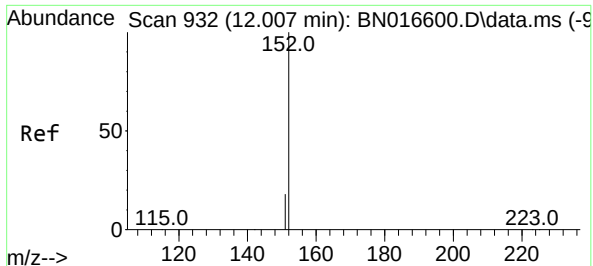
Tgt Ion:	136	Resp:	150508
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	5.7	5.9	8.9#
68	5.0	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.232 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

Tgt Ion:	82	Resp:	22782
Ion Ratio	Lower	Upper	
82	100		
128	46.4	33.6	50.4
54	45.5	37.6	56.4

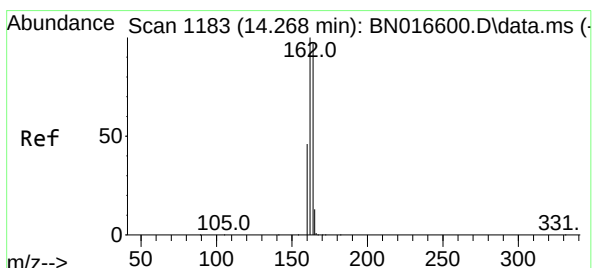
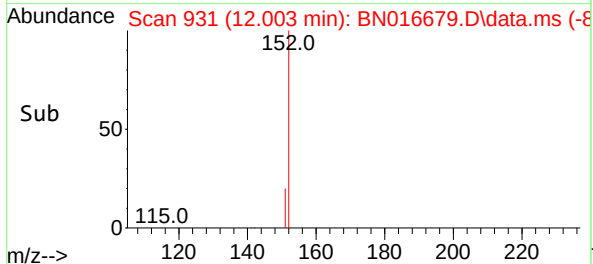
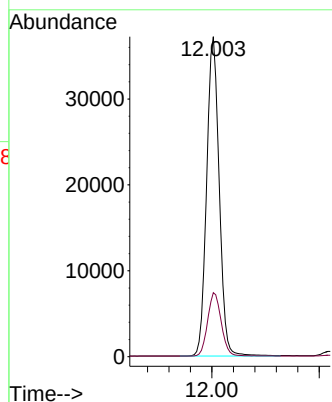
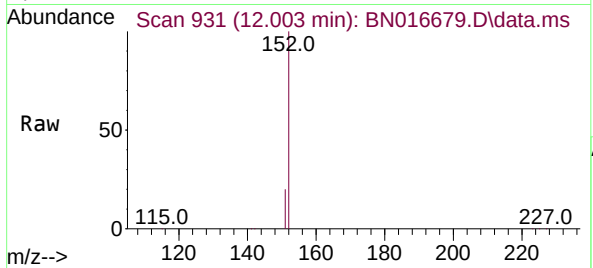




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

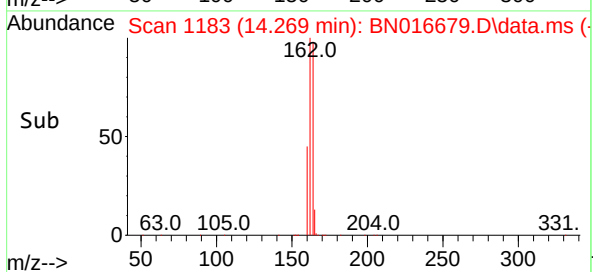
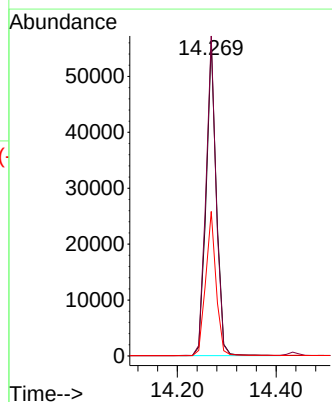
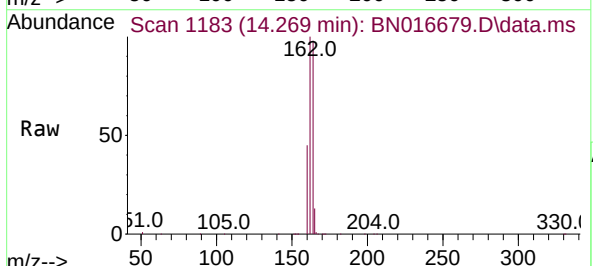
Instrument :
BNA_N
ClientSampleId :

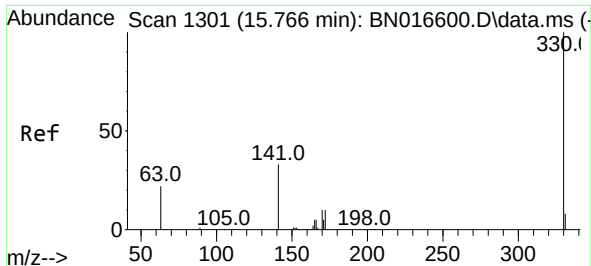
Tgt Ion:152 Resp: 60214
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

Tgt Ion:164 Resp: 81152
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 46.0 37.7 56.5

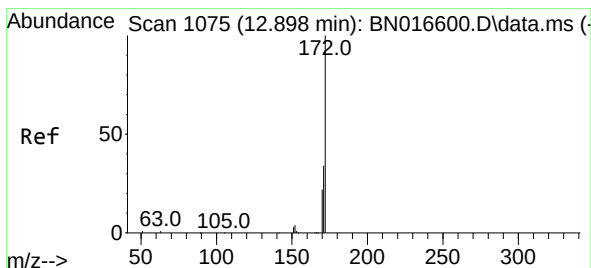
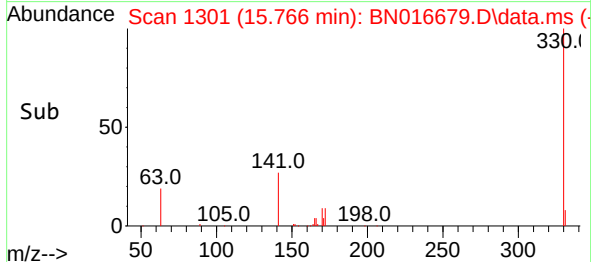
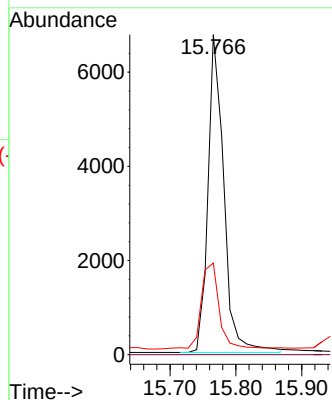
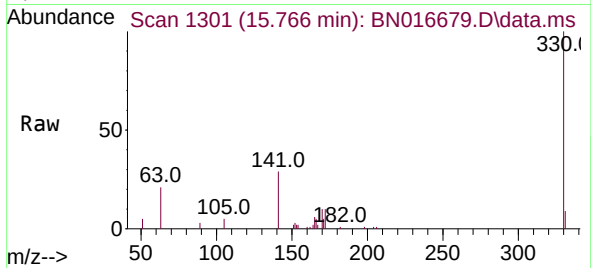




#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

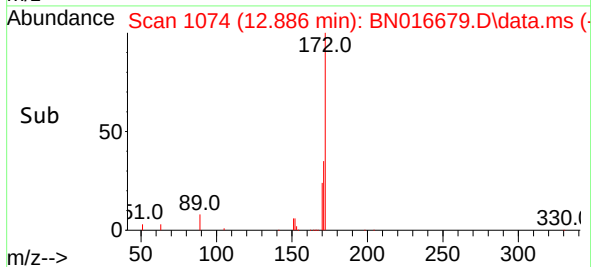
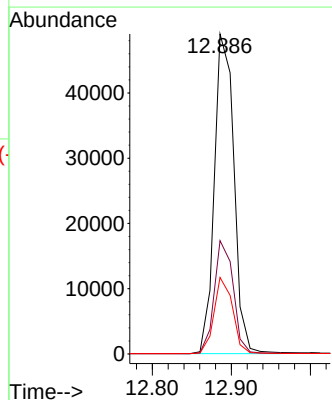
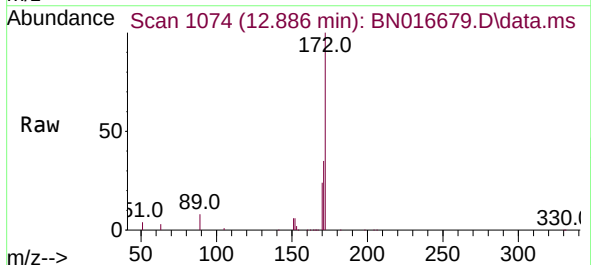
Instrument :
BNA_N
ClientSampleId :

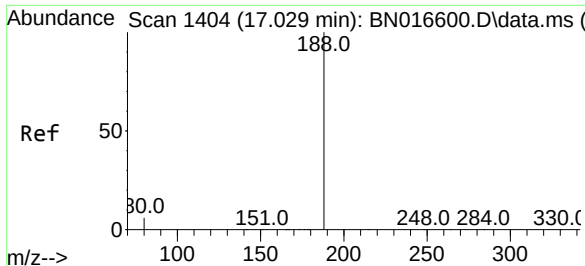
Tgt Ion: 330 Resp: 11308
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.5 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

Tgt Ion: 172 Resp: 84331
Ion Ratio Lower Upper
172 100
171 35.4 27.0 40.4
170 23.9 17.4 26.2

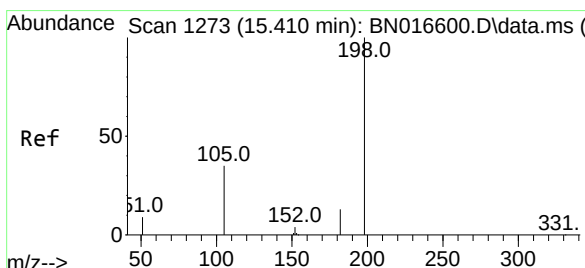
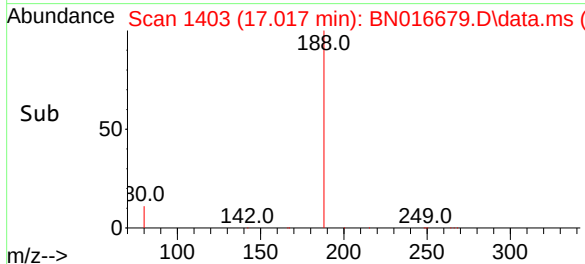
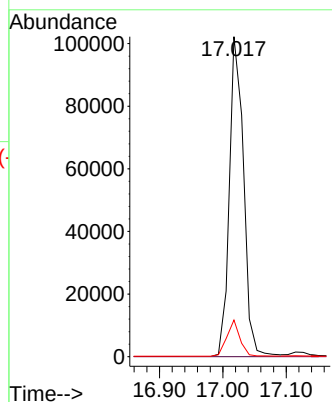
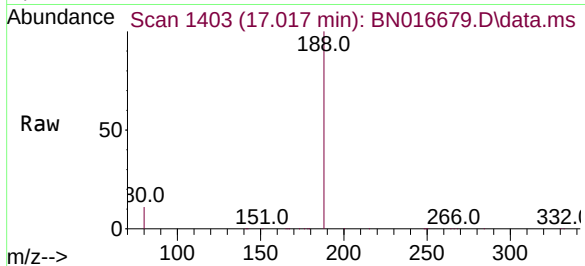




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

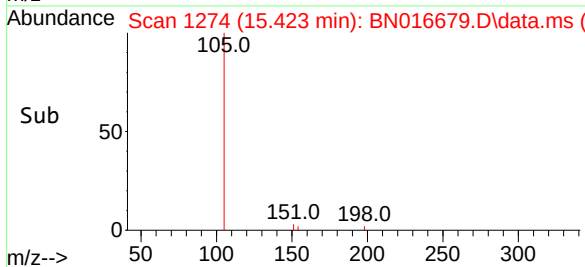
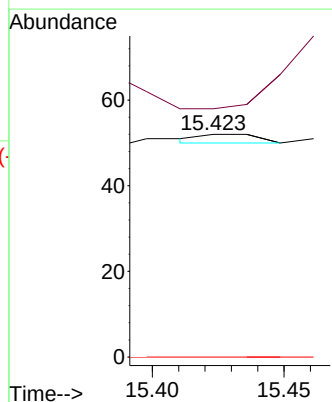
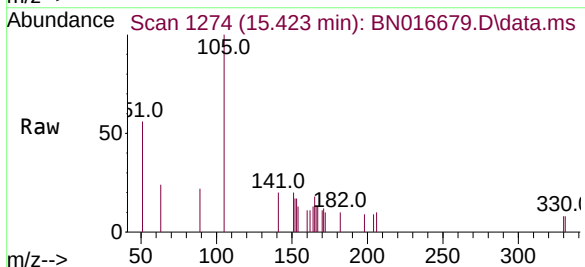
Instrument :
BNA_N
ClientSampleId :

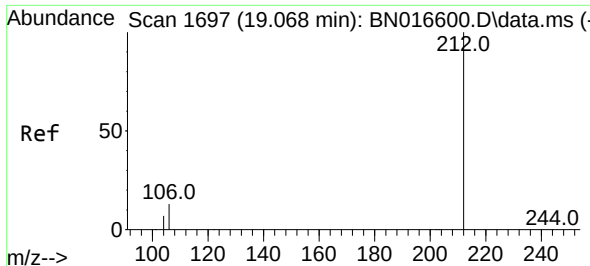
Tgt Ion:188 Resp: 158664
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 5.0 7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.013 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
182 111.5 11.8 17.8#
77 0.0 0.0 0.0

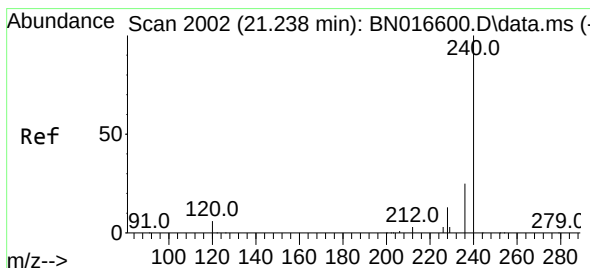
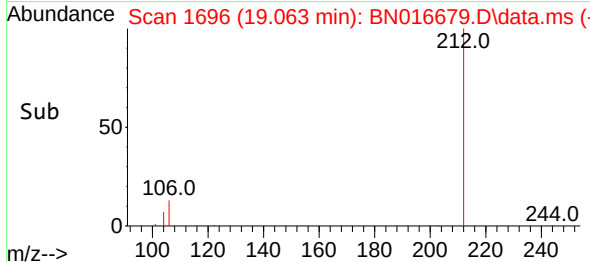
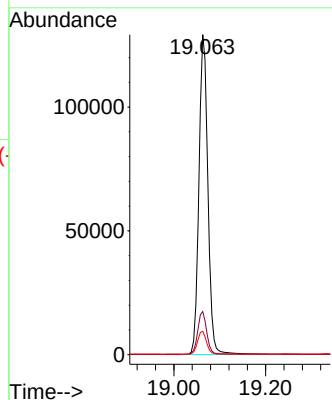
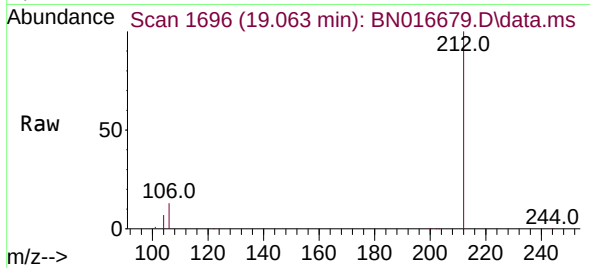




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

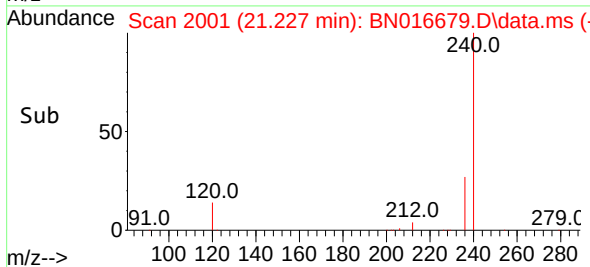
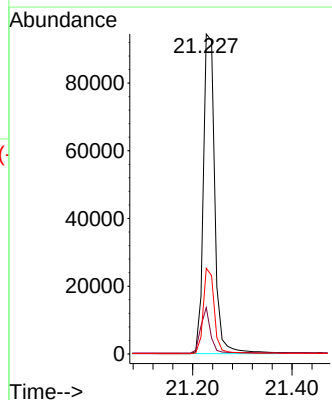
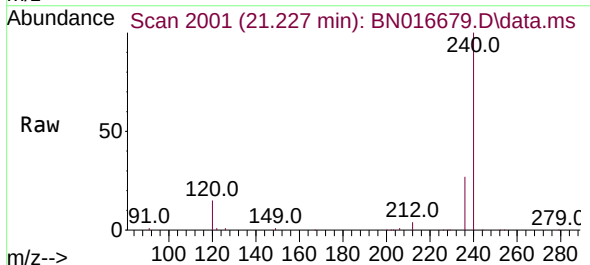
Instrument :
BNA_N
ClientSampleId :

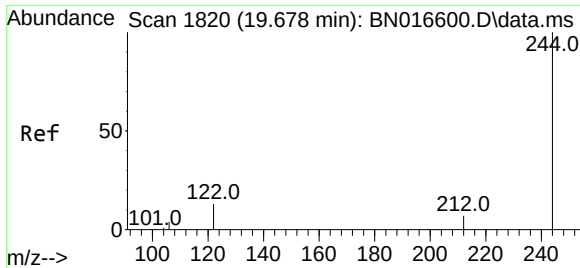
Tgt Ion:212 Resp: 174469
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.2 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016679.D
Acq: 02 Oct 2021 20:09

Tgt Ion:240 Resp: 151085
Ion Ratio Lower Upper
240 100
120 14.5 5.0 7.4#
236 26.8 20.4 30.6

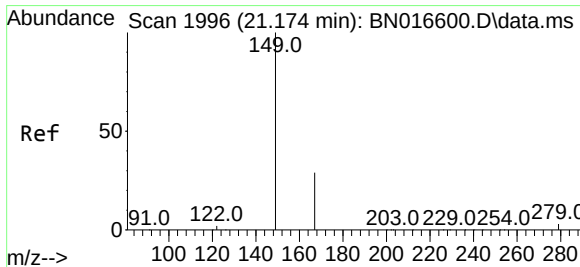
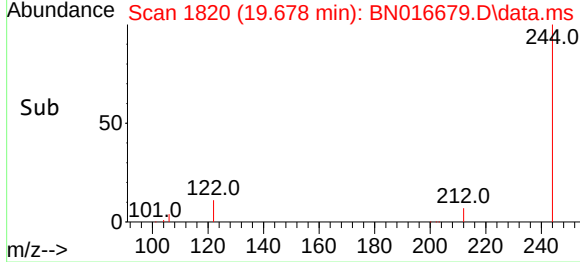
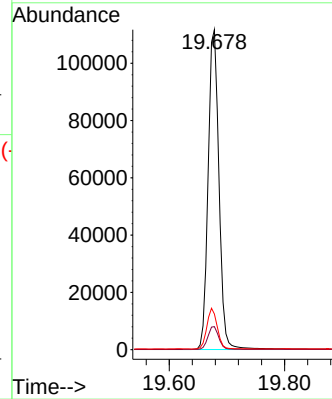
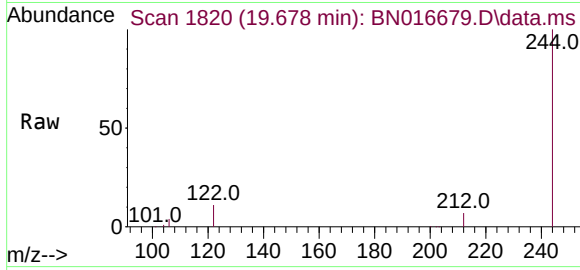




#31
 Terphenyl-d14
 Concen: 0.441 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016679.D
 Acq: 02 Oct 2021 20:09

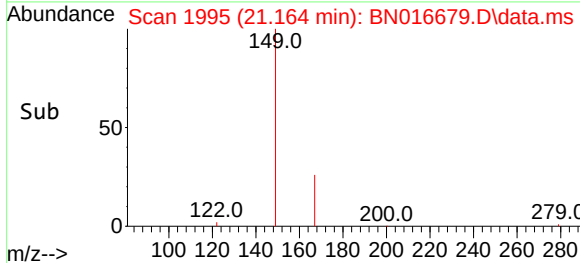
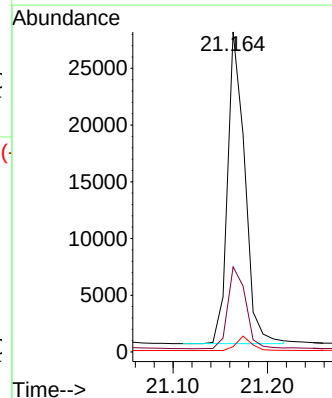
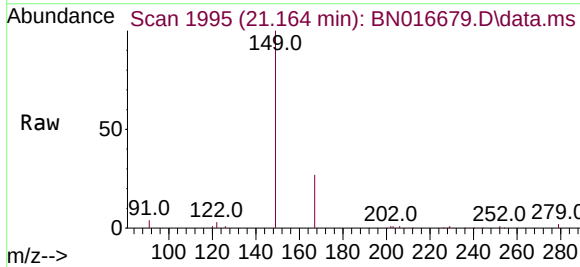
Instrument :
 BNA_N
 ClientSampleId :

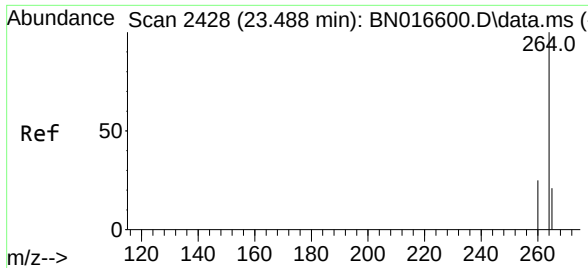
Tgt Ion:244	Resp:	145026
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.0 9.0
122	11.1	10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.188 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016679.D
 Acq: 02 Oct 2021 20:09

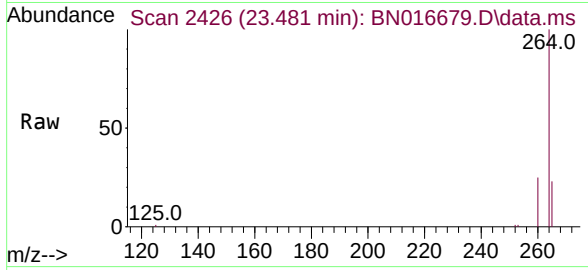
Tgt Ion:149	Resp:	34736
Ion Ratio	Lower	Upper
149	100	
167	27.5	22.2 33.4
279	4.2	3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.007 min
 Lab File: BN016679.D
 Acq: 02 Oct 2021 20:09

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 151963

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	22.6	19.2	28.8

