

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016682.D
 Acq On : 02 Oct 2021 21:57
 Operator : CG/JU
 Sample : M3829-03
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 03:35:42 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)

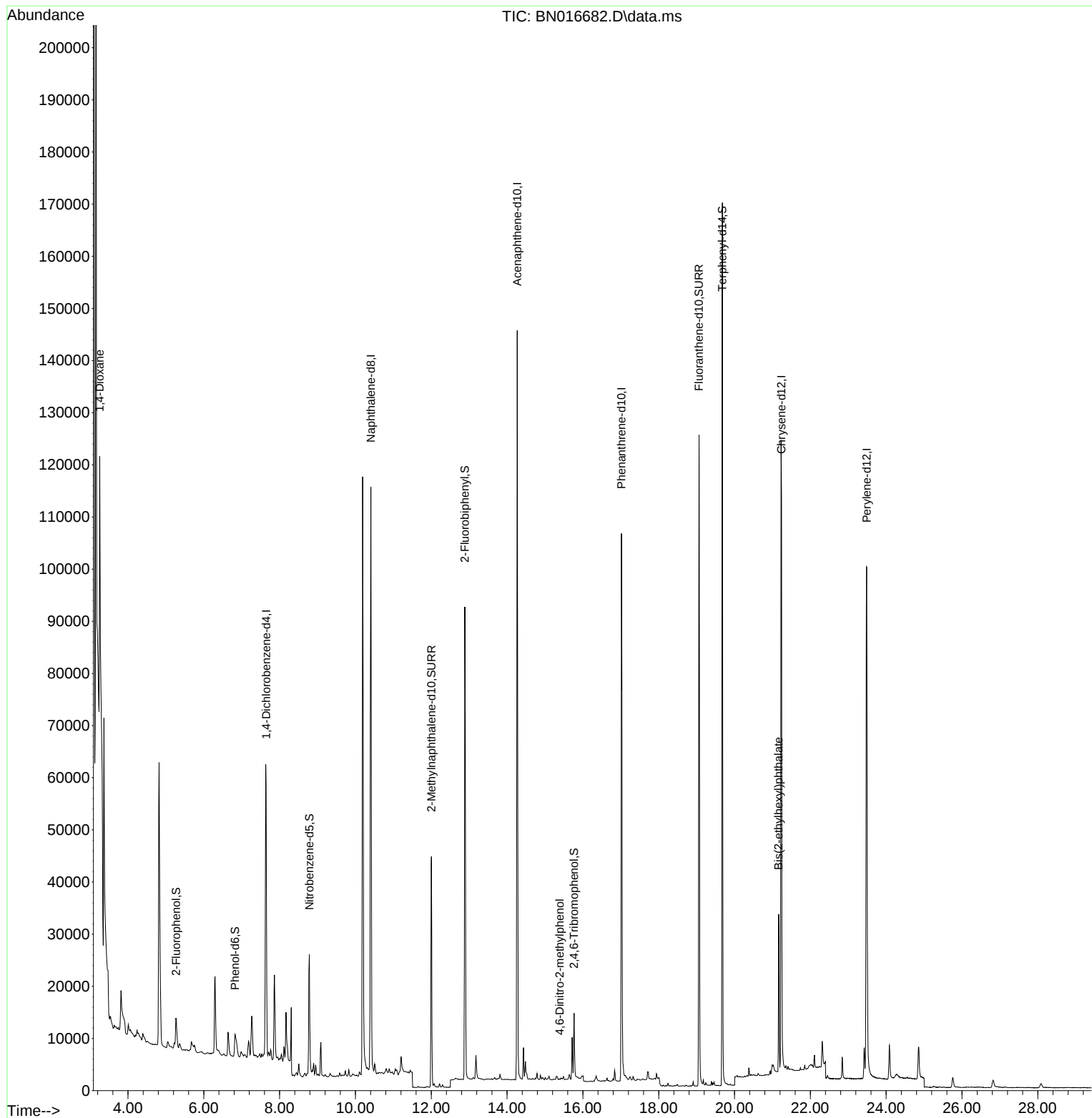
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	32781	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	148446	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	78114	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	147338	0.400	ng	#-0.01
29) Chrysene-d12	21.238	240	135367	0.400	ng	0.00
35) Perylene-d12	23.484	264	141177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	7844	0.094	ng	0.02
5) Phenol-d6	6.822	99	4735	0.052	ng	0.00
8) Nitrobenzene-d5	8.784	82	22548	0.233	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	59635	0.272	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10953	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	82363	0.260	ng	-0.01
27) Fluoranthene-d10	19.063	212	144991	0.370	ng	0.00
31) Terphenyl-d14	19.678	244	170375	0.579	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.253	88	45045	2.986	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.385	198	7	0.137	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	30666	0.185	ng	99

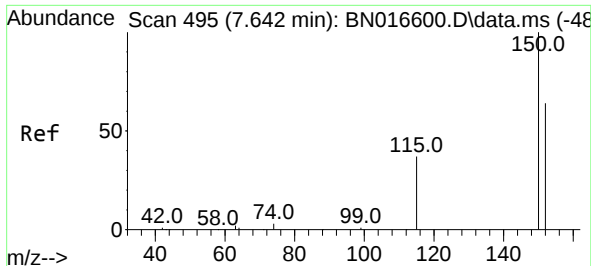
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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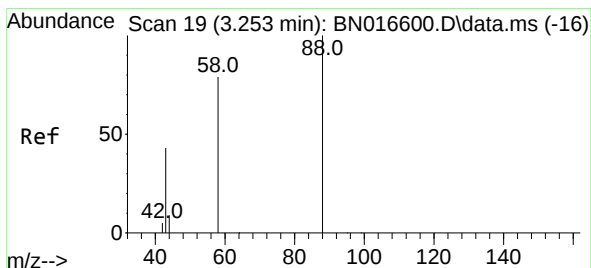
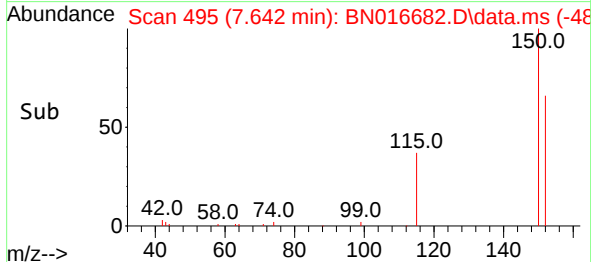
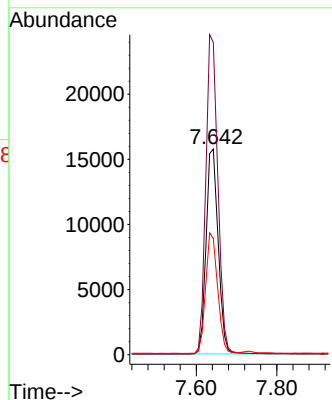
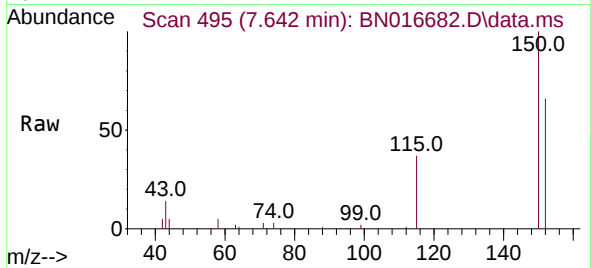




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.642 min Scan# 495
 Delta R.T. 0.000 min
 Lab File: BN016682.D
 Acq: 02 Oct 2021 21:57

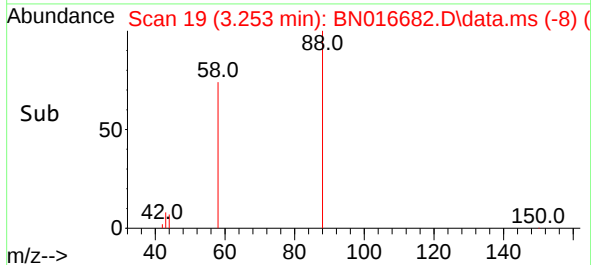
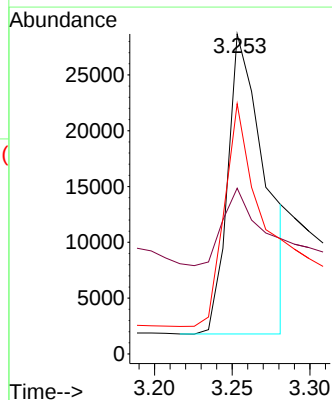
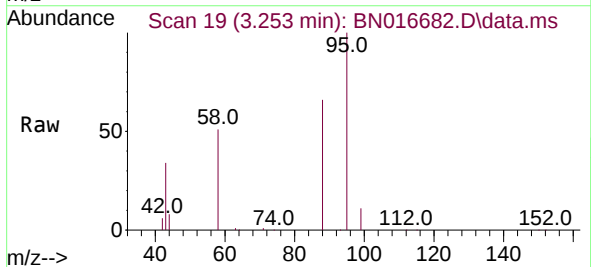
Instrument :
 BNA_N
 ClientSampleId :

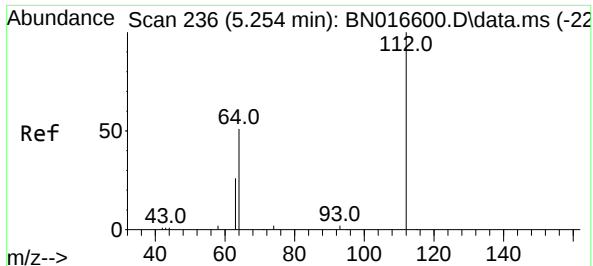
Tgt Ion:152 Resp: 32781
 Ion Ratio Lower Upper
 152 100
 150 151.9 124.6 186.8
 115 56.5 46.5 69.7



#2
 1,4-Dioxane
 Concen: 2.986 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: BN016682.D
 Acq: 02 Oct 2021 21:57

Tgt Ion: 88 Resp: 45045
 Ion Ratio Lower Upper
 88 100
 43 25.5 37.8 56.8#
 58 73.1 61.3 91.9

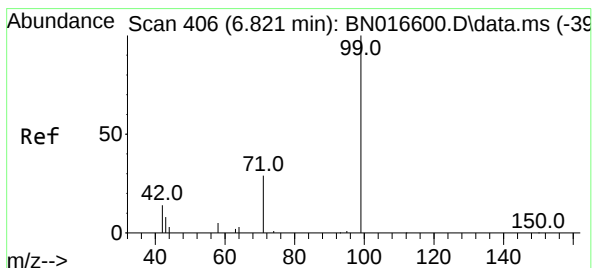
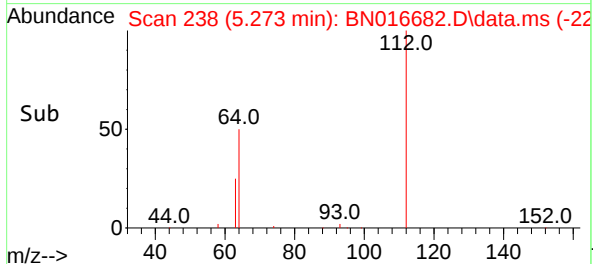
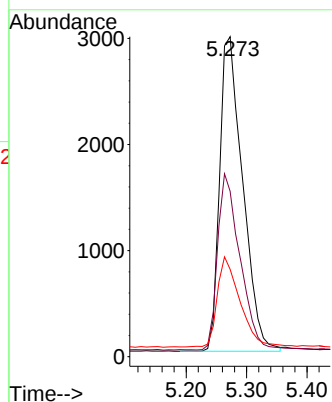
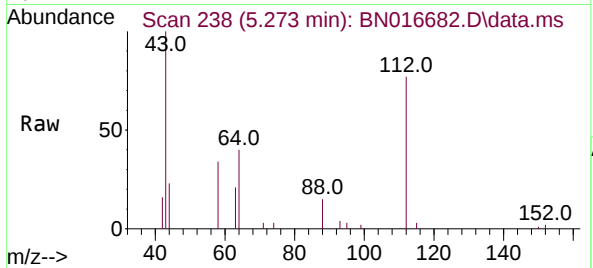




#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

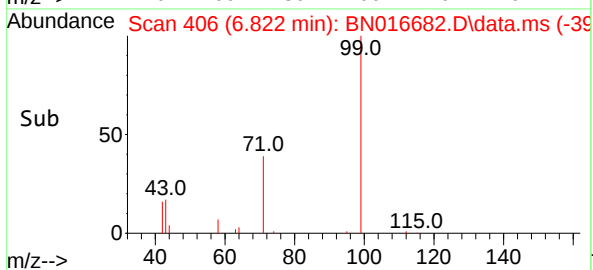
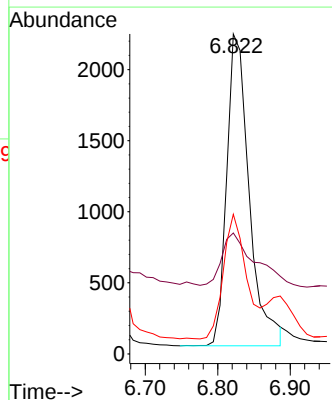
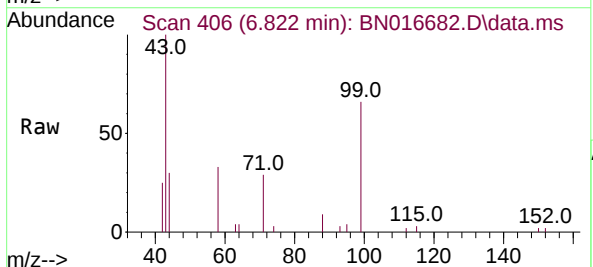
Instrument :
BNA_N
ClientSampleId :

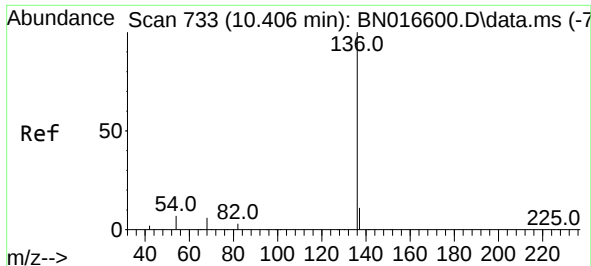
Tgt Ion:112 Resp: 7844
Ion Ratio Lower Upper
112 100
64 54.4 43.1 64.7
63 28.1 21.6 32.4



#5
Phenol-d6
Concen: 0.052 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion: 99 Resp: 4735
Ion Ratio Lower Upper
99 100
42 23.8 13.0 19.6#
71 41.5 23.5 35.3#

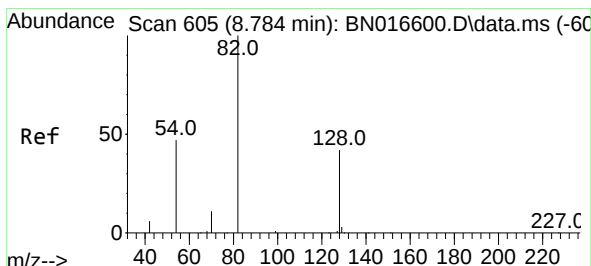
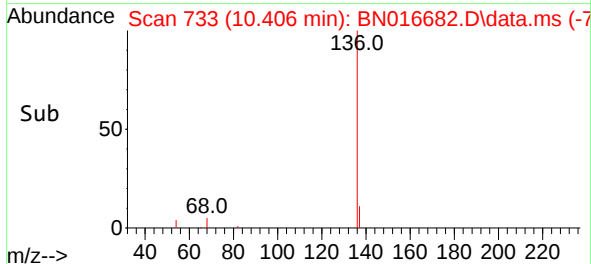
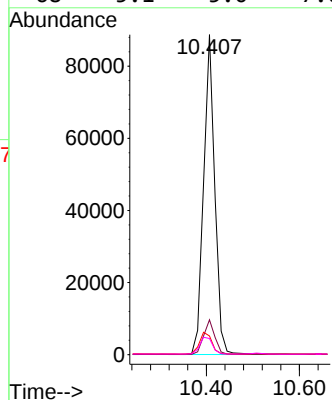
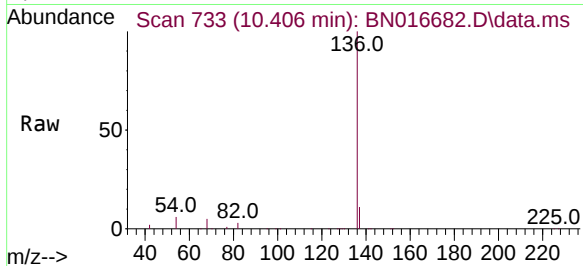




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

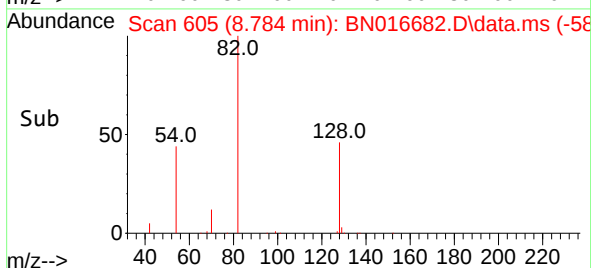
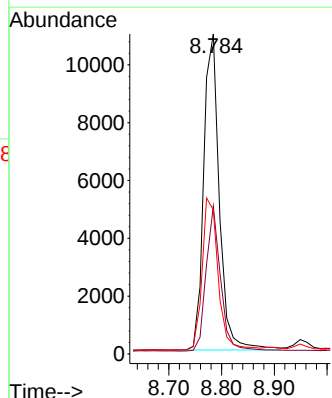
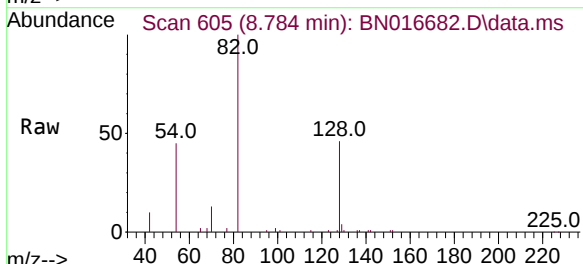
Instrument :
BNA_N
ClientSampleId :

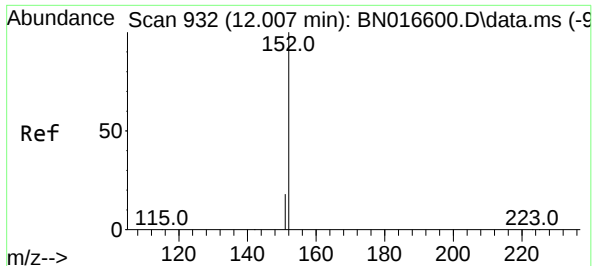
Tgt Ion:	136	Resp:	148446
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	5.9	5.9	8.9#
68	5.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.233 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:	82	Resp:	22548
Ion Ratio	Lower	Upper	
82	100		
128	46.2	33.6	50.4
54	45.0	37.6	56.4

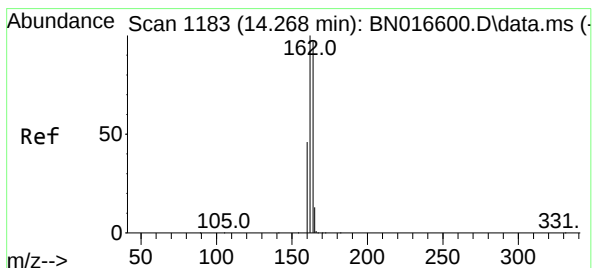
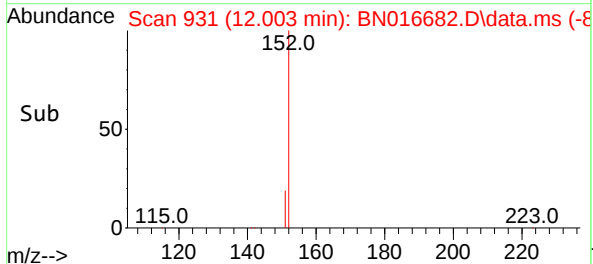
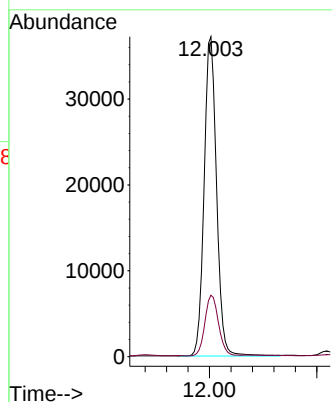
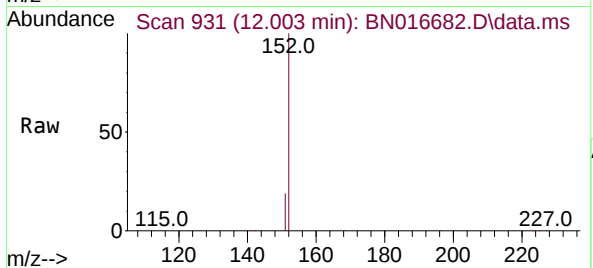




#11
2-Methylnaphthalene-d10
Concen: 0.272 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

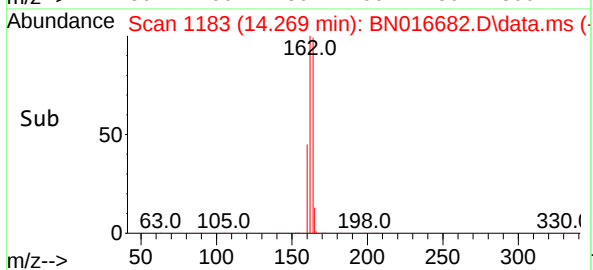
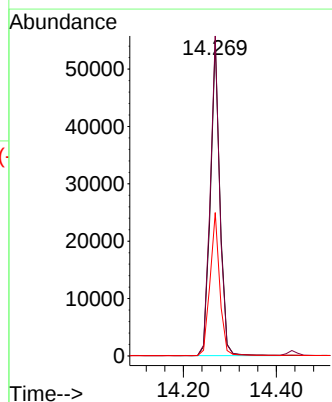
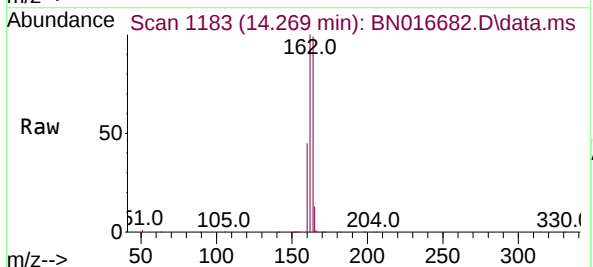
Instrument :
BNA_N
ClientSampleId :

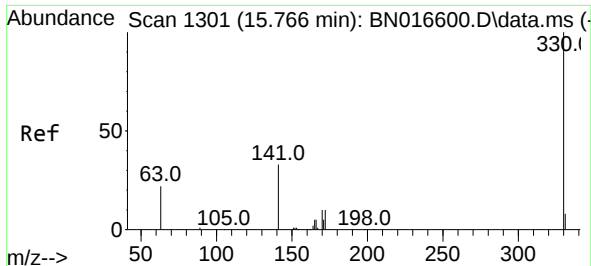
Tgt Ion:152 Resp: 59635
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:164 Resp: 78114
Ion Ratio Lower Upper
164 100
162 101.4 82.2 123.2
160 45.4 37.7 56.5

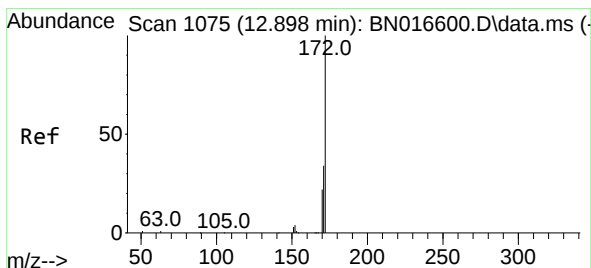
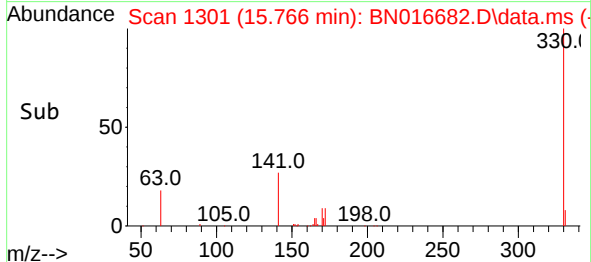
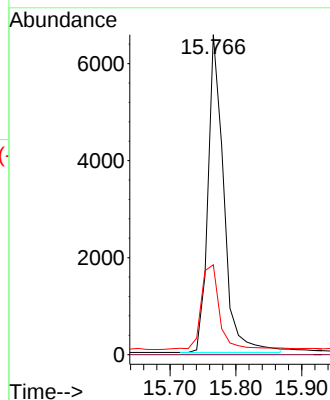
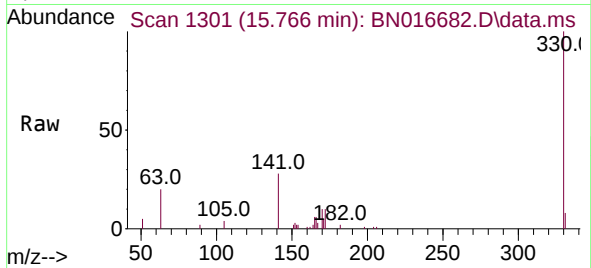




#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

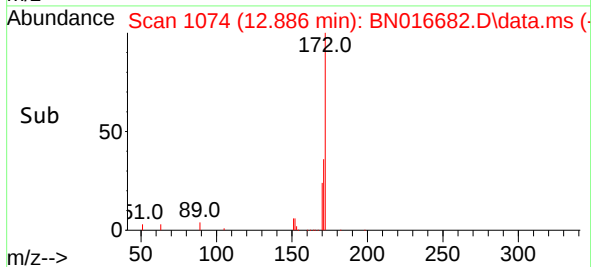
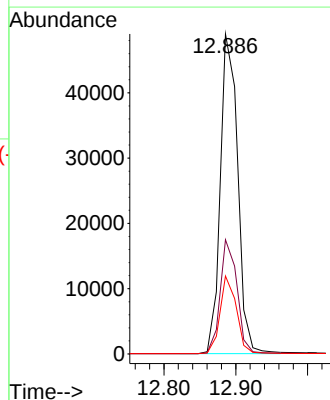
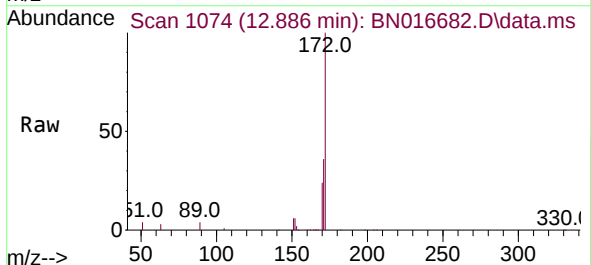
Instrument :
BNA_N
ClientSampleId :

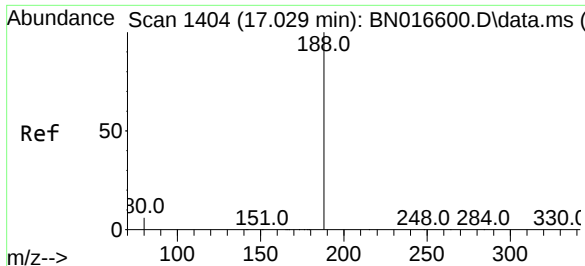
Tgt Ion:330 Resp: 10953
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.0 25.2 37.8



#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:172 Resp: 82363
Ion Ratio Lower Upper
172 100
171 35.7 27.0 40.4
170 24.4 17.4 26.2

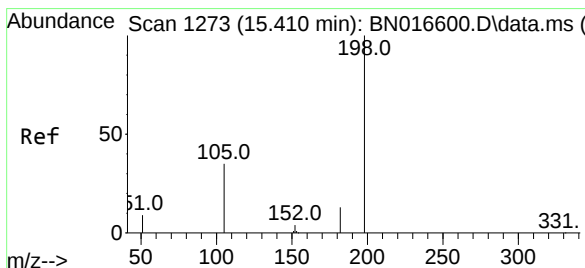
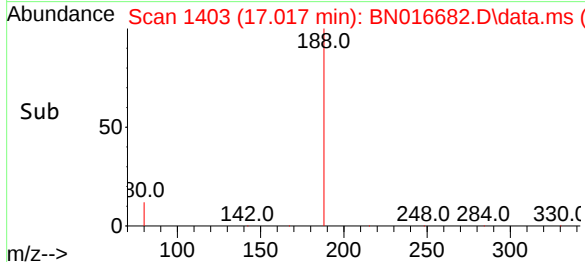
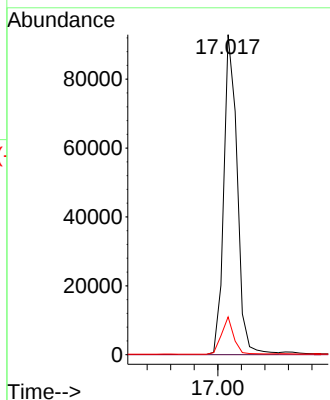
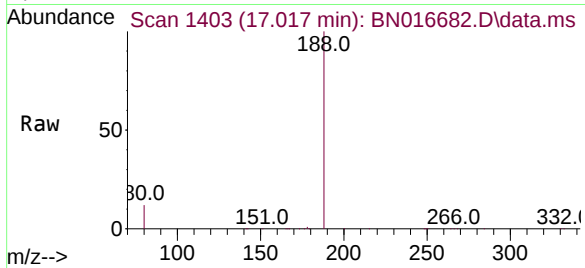




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

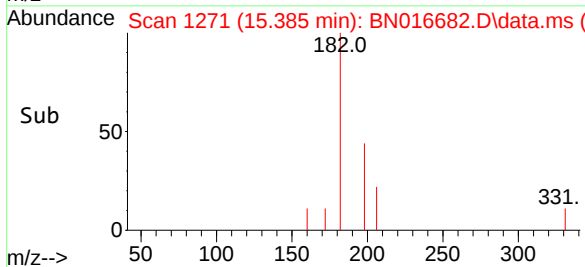
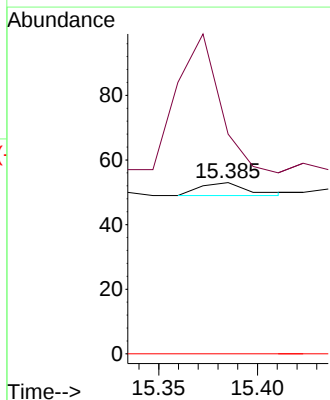
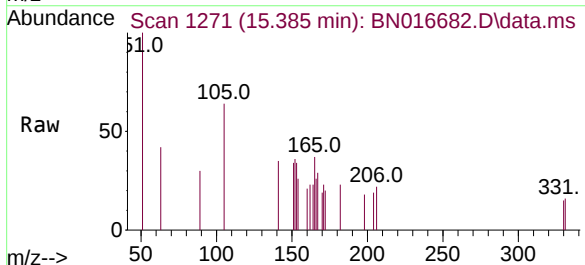
Instrument :
BNA_N
ClientSampleId :

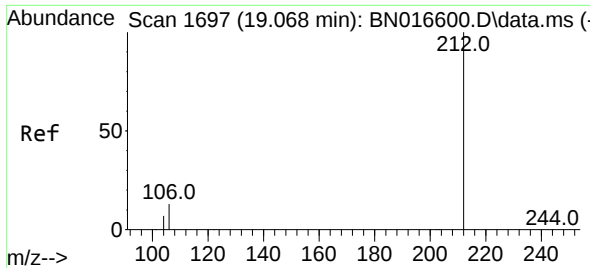
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	5.0	7.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.137 ng
RT: 15.385 min Scan# 1271
Delta R.T. -0.025 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion	Ratio	Lower	Upper
198	100		
182	128.3	11.8	17.8#
77	0.0	0.0	0.0

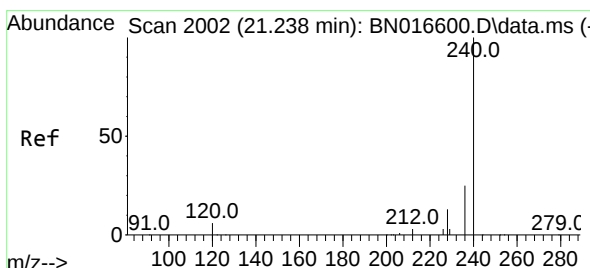
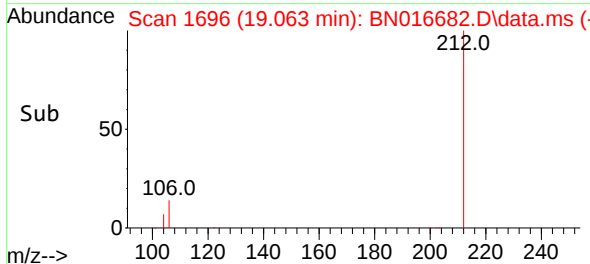
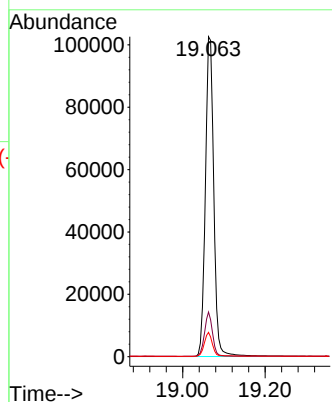
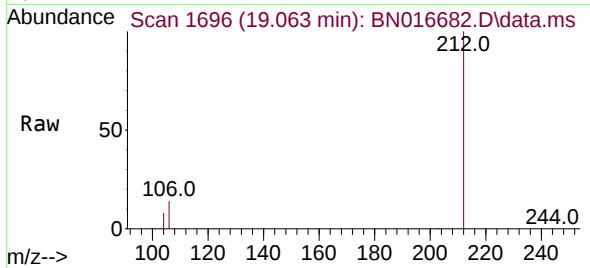




#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

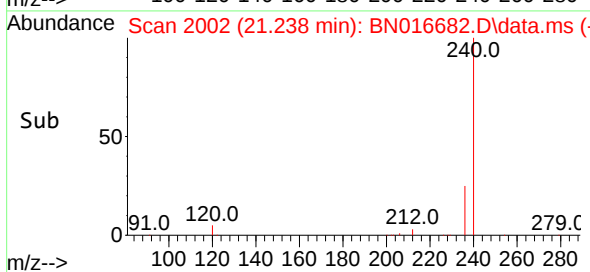
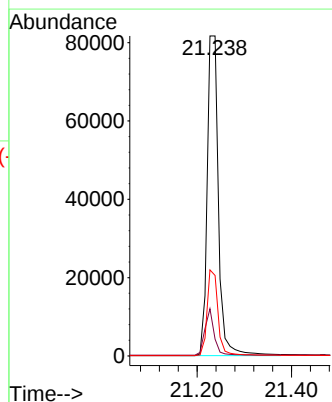
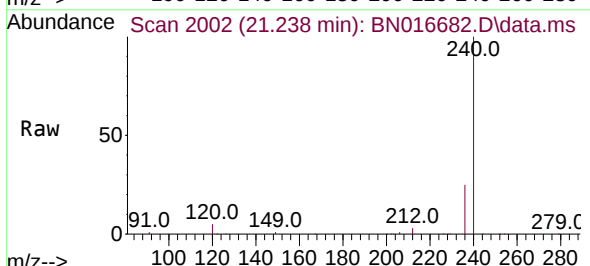
Instrument :
BNA_N
ClientSampleId :

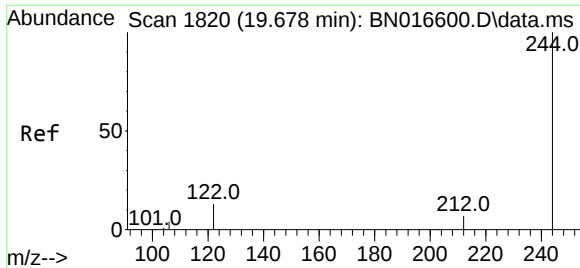
Tgt Ion:212 Resp: 144991
Ion Ratio Lower Upper
212 100
106 13.2 10.6 16.0
104 7.1 5.9 8.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016682.D
Acq: 02 Oct 2021 21:57

Tgt Ion:240 Resp: 135367
Ion Ratio Lower Upper
240 100
120 5.3 5.0 7.4
236 25.2 20.4 30.6

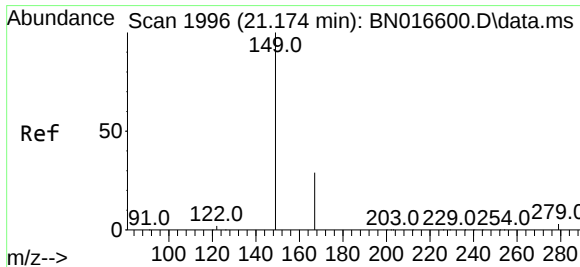
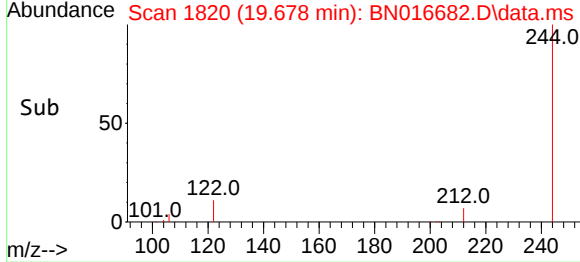
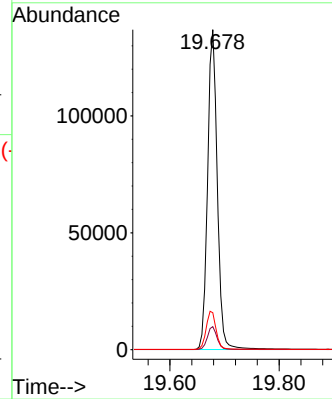
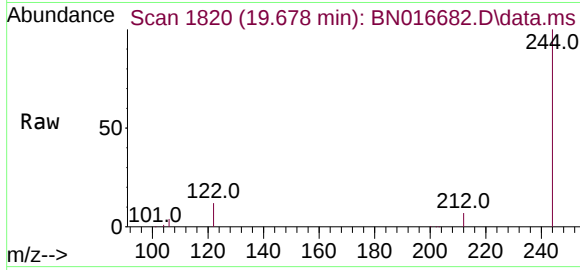




#31
 Terphenyl-d14
 Concen: 0.579 ng
 RT: 19.678 min Scan# 1820
 Delta R.T. 0.000 min
 Lab File: BN016682.D
 Acq: 02 Oct 2021 21:57

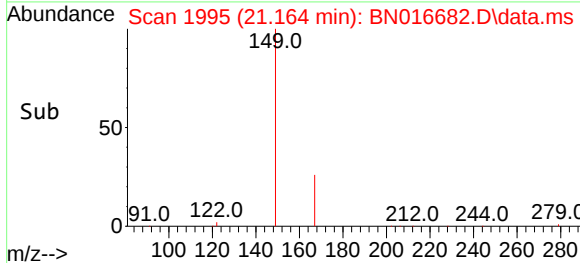
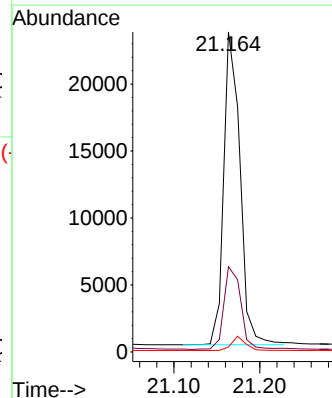
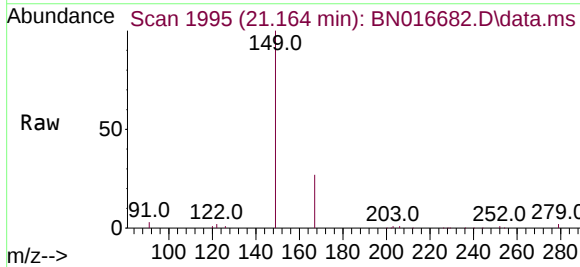
Instrument :
 BNA_N
 ClientSampled :

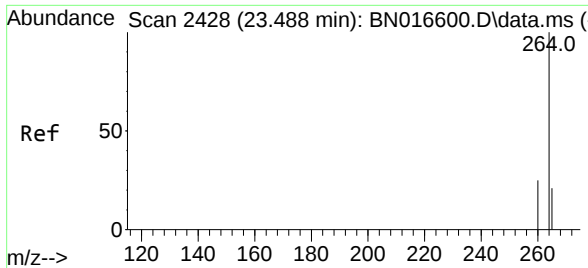
Tgt Ion:244	Resp:	170375
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.0 9.0
122	11.5	10.1 15.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.185 ng
 RT: 21.164 min Scan# 1995
 Delta R.T. -0.010 min
 Lab File: BN016682.D
 Acq: 02 Oct 2021 21:57

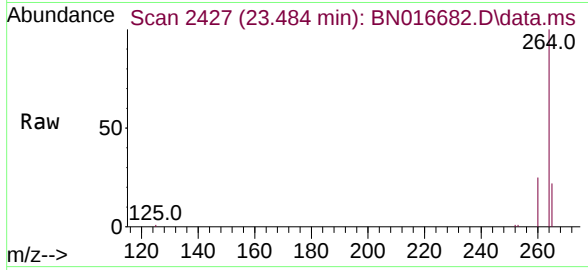
Tgt Ion:149	Resp:	30666
Ion Ratio	Lower	Upper
149	100	
167	27.4	22.2 33.4
279	4.0	3.2 4.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. -0.003 min
 Lab File: BN016682.D
 Acq: 02 Oct 2021 21:57

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 141177

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	22.4	19.2	28.8

