

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
 Data File : BN016871.D
 Acq On : 09 Oct 2021 08:37
 Operator : CG/JU
 Sample : M4096-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWHR3-8-100521

Quant Time: Oct 11 01:02:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 15:46:07 2021
 Response via : Initial Calibration

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

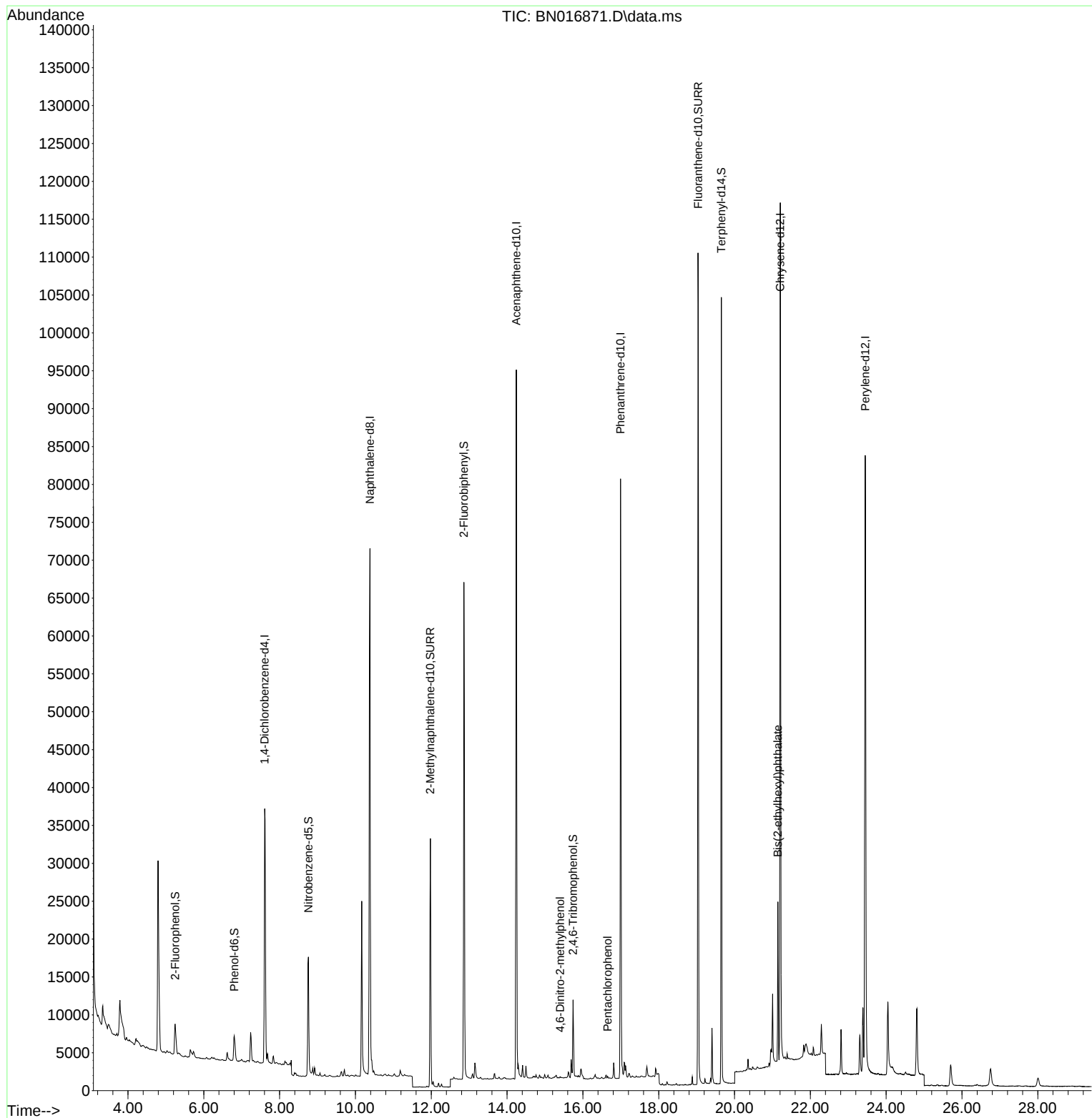
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	21768	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	98943	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	52126	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	105006	0.400	ng	#-0.01
29) Chrysene-d12	21.206	240	107194	0.400	ng	# 0.00
35) Perylene-d12	23.447	264	113713	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	5914	0.109	ng	0.00
5) Phenol-d6	6.803	99	3514	0.057	ng	0.00
8) Nitrobenzene-d5	8.759	82	16380	0.236	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	45718	0.310	ng	0.00
14) 2,4,6-Tribromophenol	15.740	330	8538	0.317	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	61419	0.292	ng	-0.01
27) Fluoranthene-d10	19.038	212	123786	0.424	ng	0.00
31) Terphenyl-d14	19.653	244	105162	0.450	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.398	198	24	0.208	ng	# 1
24) Pentachlorophenol	16.652	266	188	0.109	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.142	149	18278	0.108	ng	100

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

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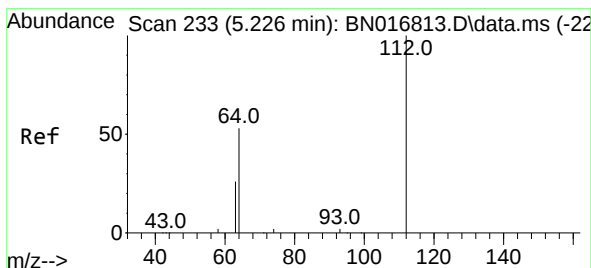
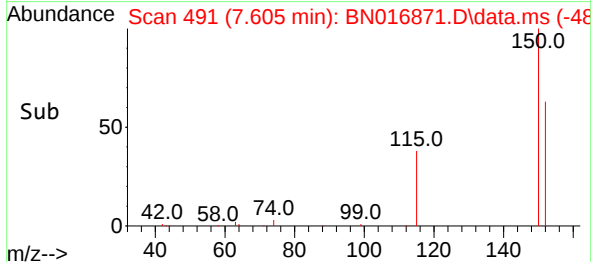
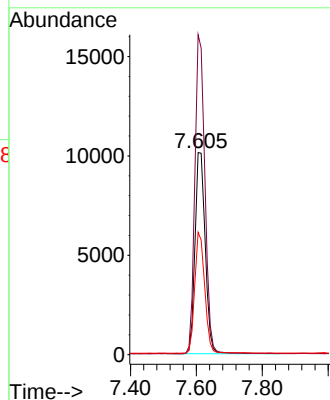
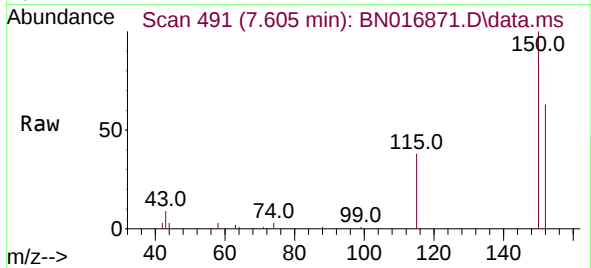




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.605 min Scan# 491
Delta R.T. -0.009 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

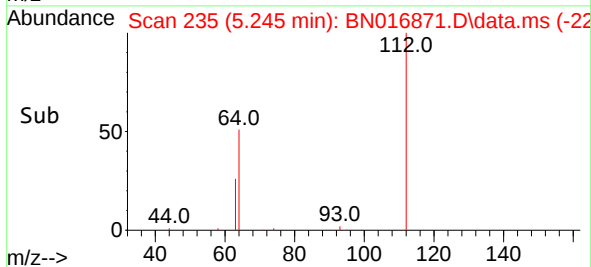
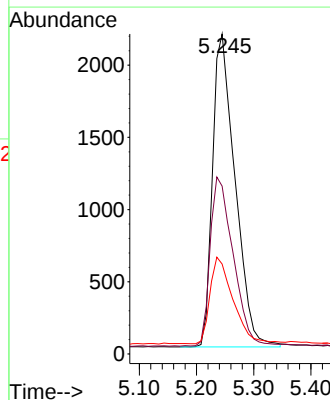
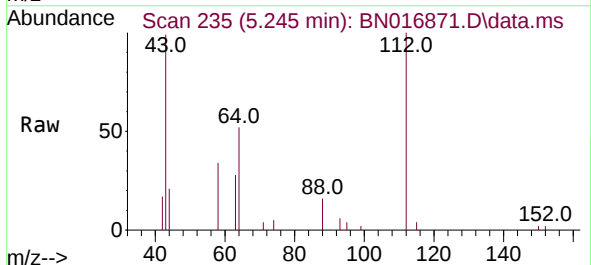
Instrument :
BNA_N
ClientSampleId :
MWHR3-8-100521

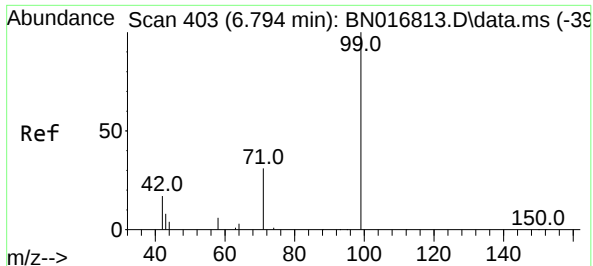
Tgt Ion:152 Resp: 21768
Ion Ratio Lower Upper
152 100
150 158.3 123.3 184.9
115 60.5 47.0 70.6



#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.009 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

Tgt Ion:112 Resp: 5914
Ion Ratio Lower Upper
112 100
64 55.3 42.9 64.3
63 28.4 21.5 32.3

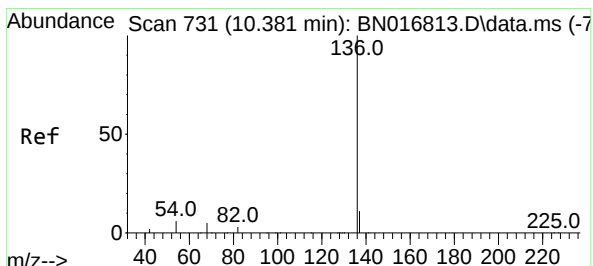
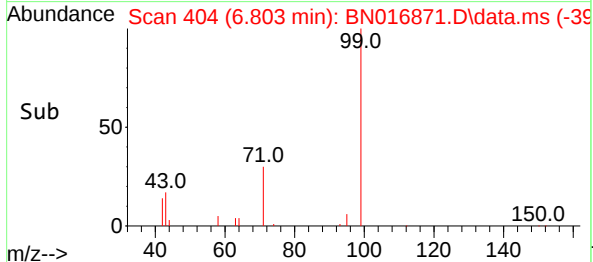
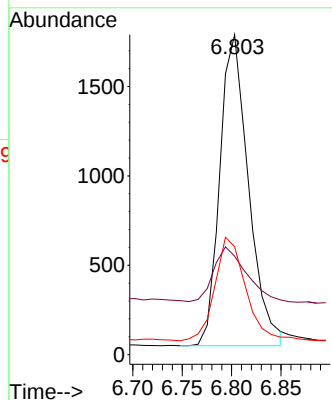
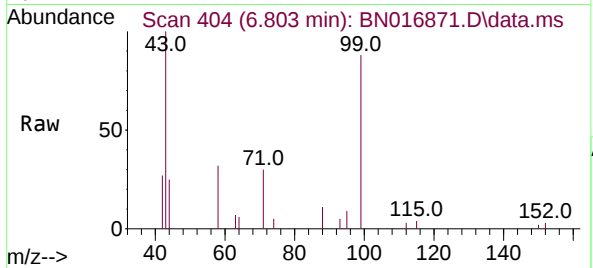




#5
Phenol-d6
Concen: 0.057 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

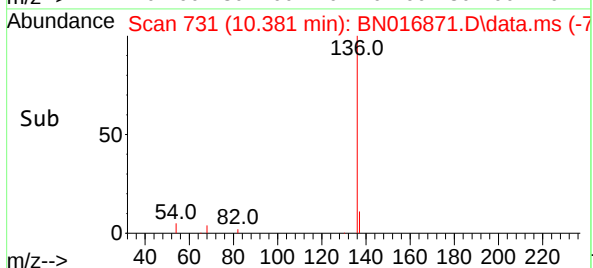
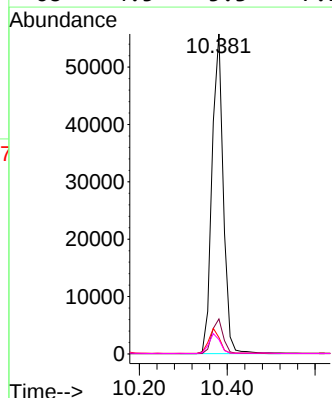
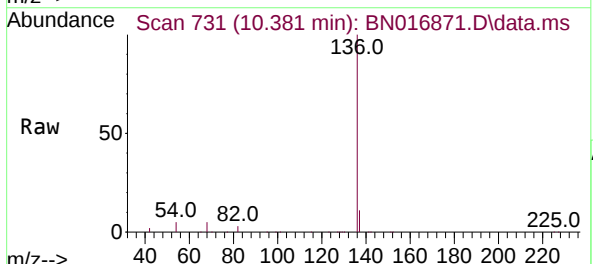
Instrument :
BNA_N
ClientSampleId :
MWHR3-8-100521

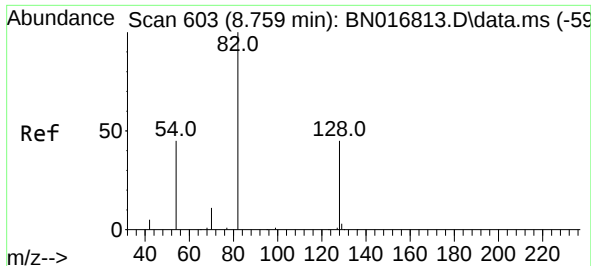
Tgt Ion: 99 Resp: 3514
Ion Ratio Lower Upper
99 100
42 19.7 13.4 20.2
71 35.1 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

Tgt Ion: 136 Resp: 98943
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 5.2 6.5 9.7#
68 4.5 5.3 7.9#

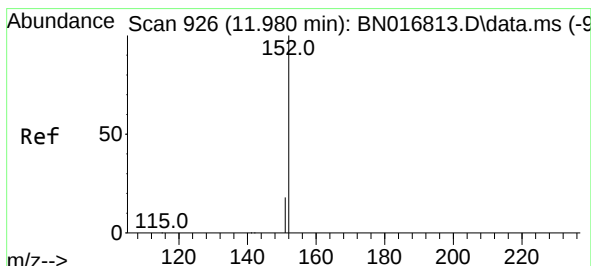
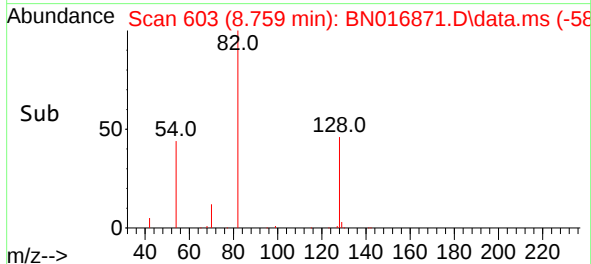
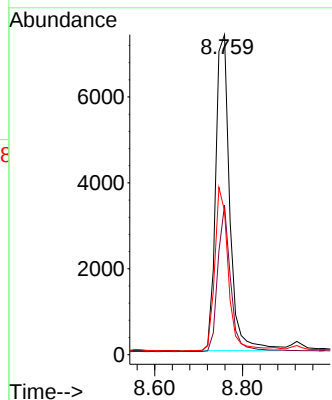
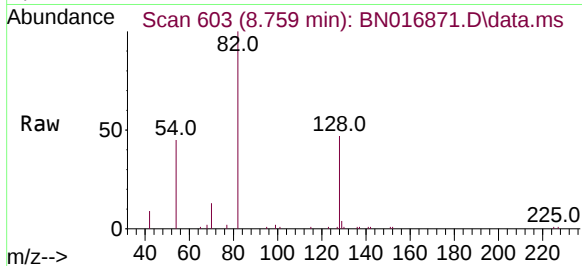




#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

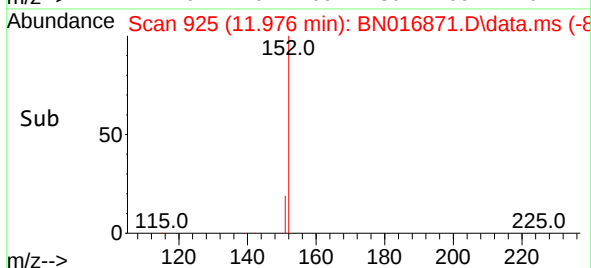
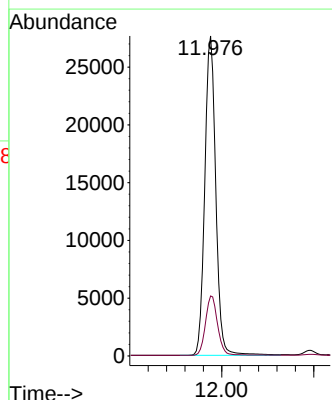
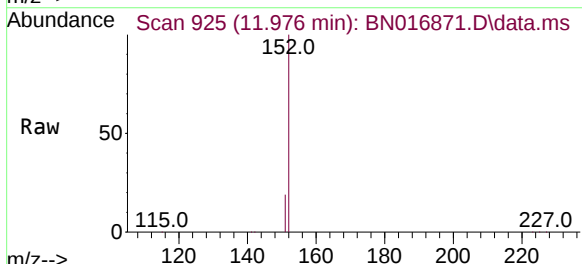
Instrument :
BNA_N
ClientSampleId :
MWHR3-8-100521

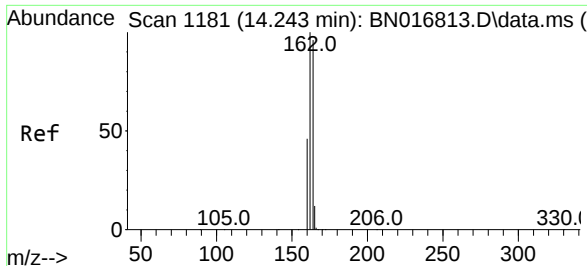
Tgt Ion: 82 Resp: 16380
Ion Ratio Lower Upper
82 100
128 46.8 33.8 50.6
54 44.9 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

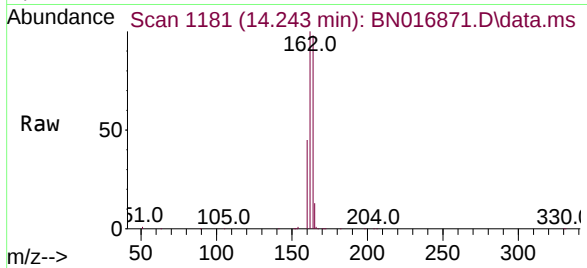
Tgt Ion: 152 Resp: 45718
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



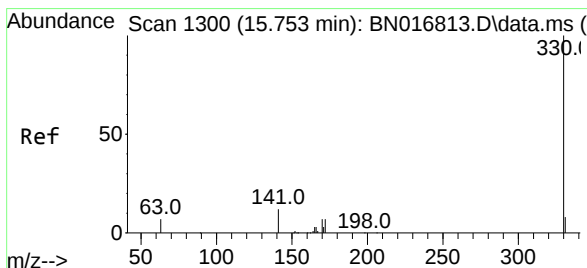
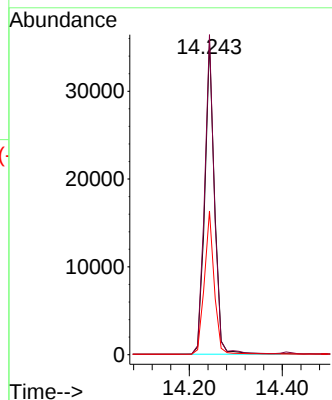
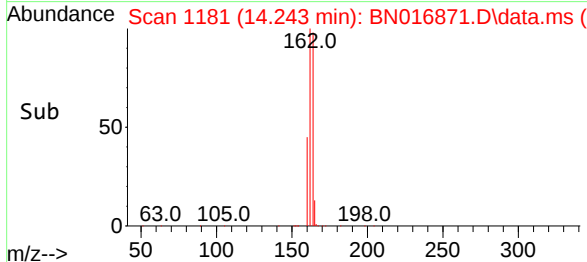


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

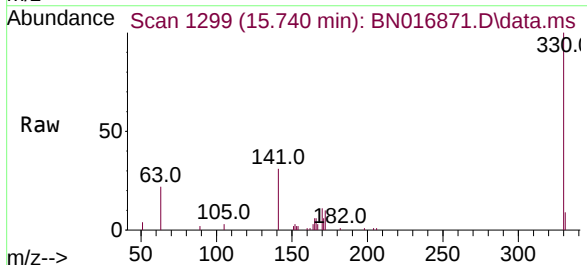
Instrument :
BNA_N
ClientSampleId :
MWHR3-8-100521



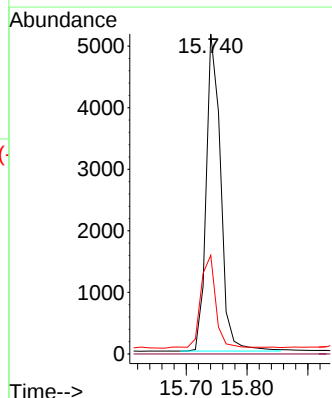
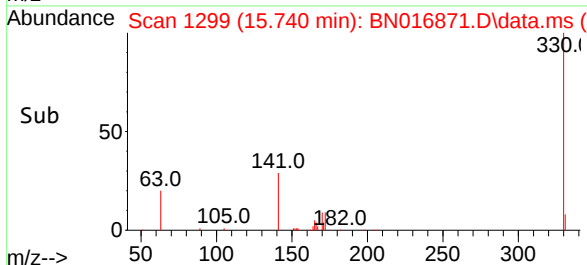
Tgt Ion:164 Resp: 52126
Ion Ratio Lower Upper
164 100
162 102.1 82.6 124.0
160 45.9 38.2 57.2

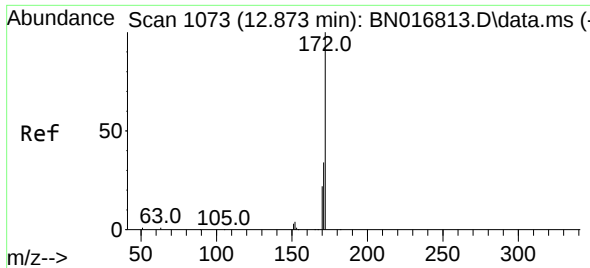


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.740 min Scan# 1299
Delta R.T. -0.013 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37



Tgt Ion:330 Resp: 8538
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.5 24.2 36.2

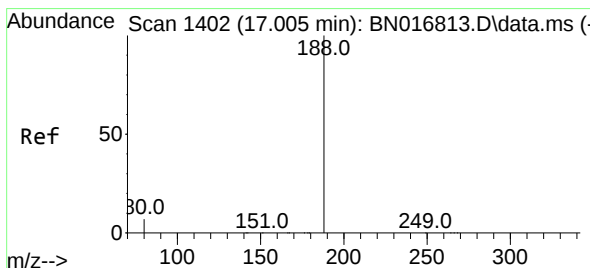
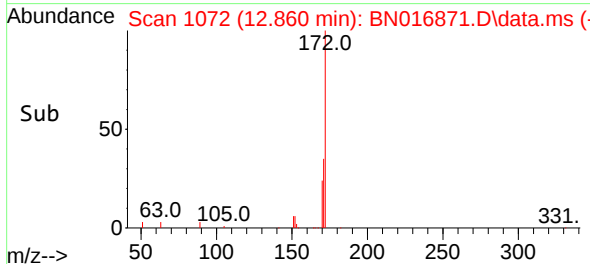
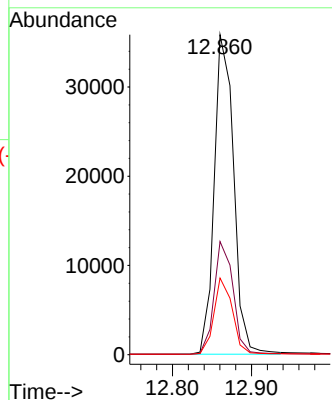
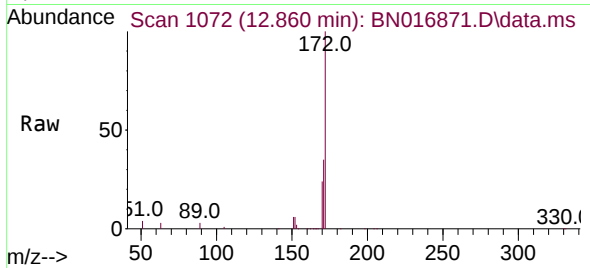




#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.013 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

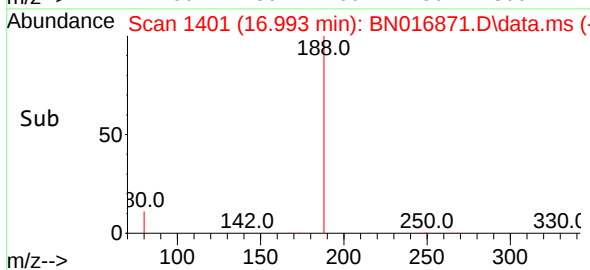
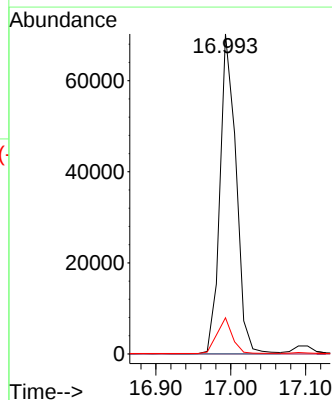
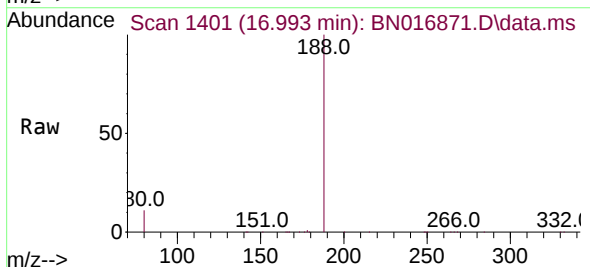
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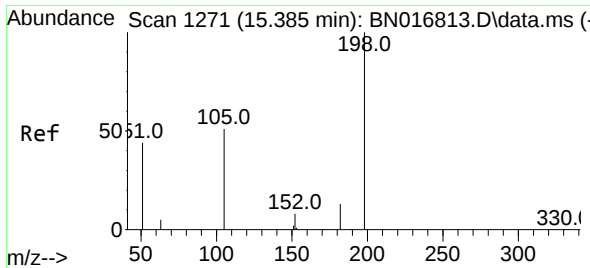
Tgt Ion:	172	Resp:	61419
Ion Ratio	Lower	Upper	
172	100		
171	35.4	26.9	40.3
170	24.0	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

Tgt Ion:	188	Resp:	105006
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	5.8	8.8#

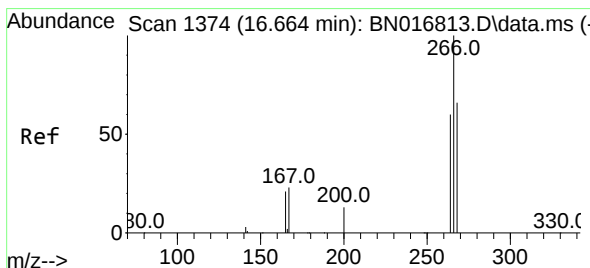
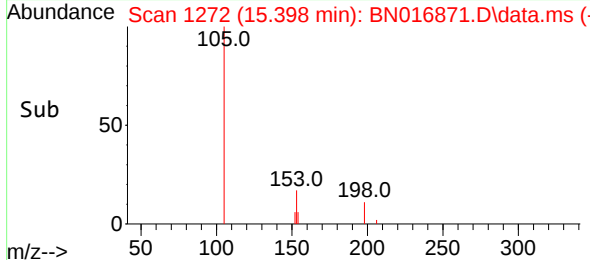
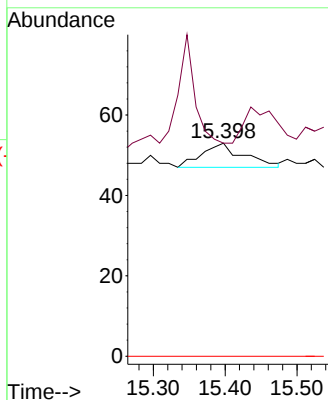
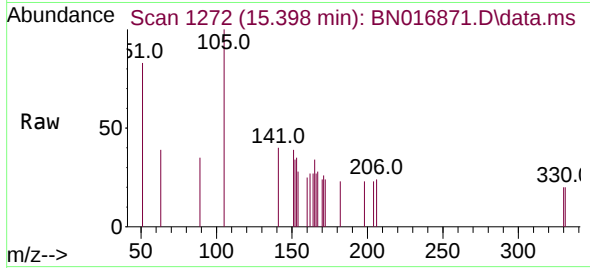




#20
4,6-Dinitro-2-methylphenol
Concen: 0.208 ng
RT: 15.398 min Scan# 1272
Delta R.T. 0.013 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

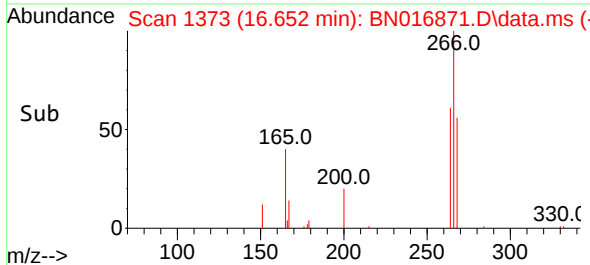
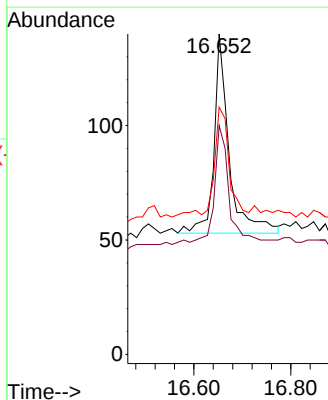
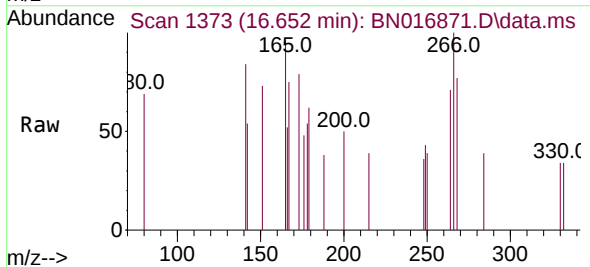
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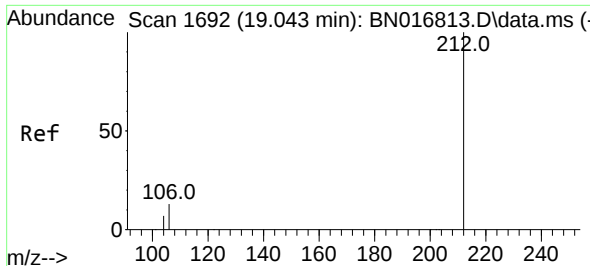
Tgt Ion:	198	Resp:	24
Ion Ratio	Lower	Upper	
198	100		
182	100.0	26.2	39.2#
77	0.0	0.0	0.0



#24
Pentachlorophenol
Concen: 0.109 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

Tgt Ion:	266	Resp:	188
Ion Ratio	Lower	Upper	
266	100		
264	54.8	49.3	73.9
268	51.1	51.8	77.8#

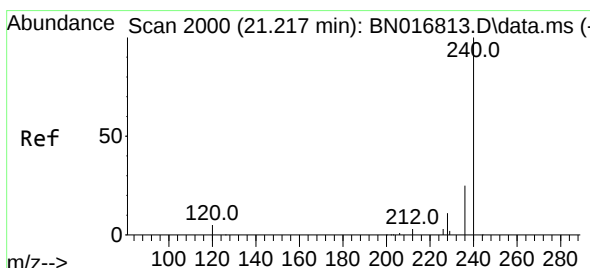
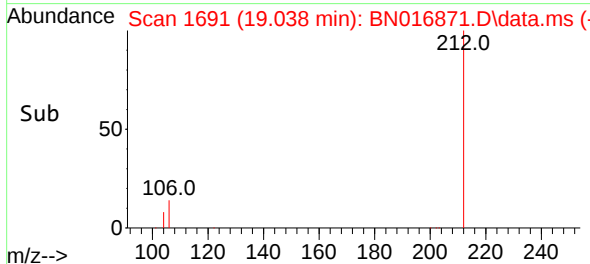
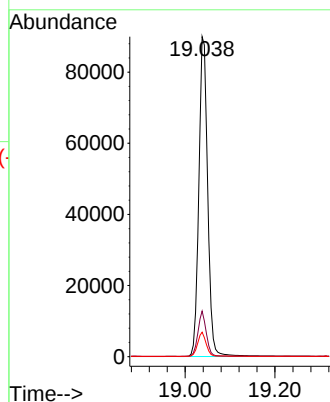
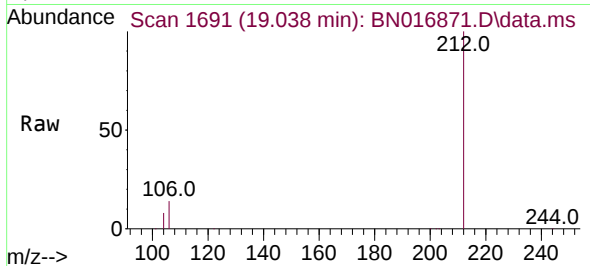




#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.005 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

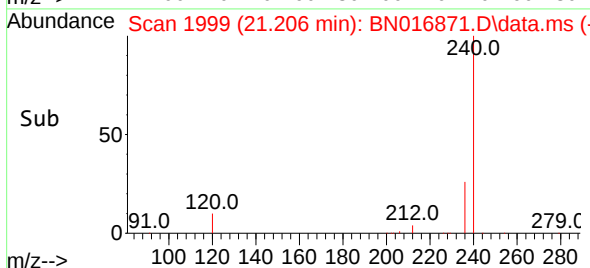
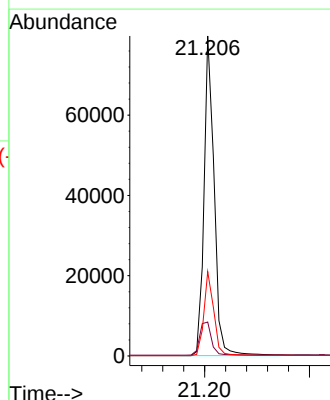
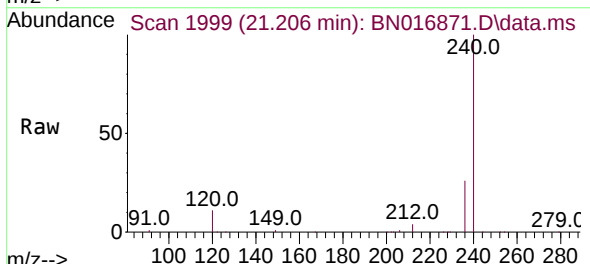
Instrument :
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MWHR3-8-100521

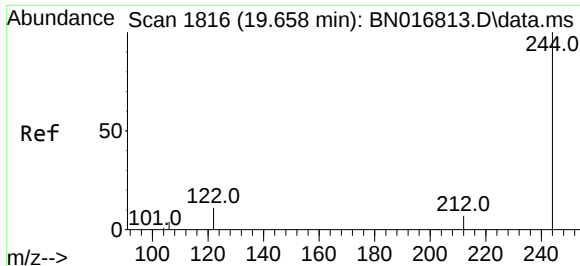
Tgt Ion:212 Resp: 123786
Ion Ratio Lower Upper
212 100
106 13.3 10.6 16.0
104 7.2 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN016871.D
Acq: 09 Oct 2021 08:37

Tgt Ion:240 Resp: 107194
Ion Ratio Lower Upper
240 100
120 10.6 6.6 10.0#
236 26.3 20.7 31.1

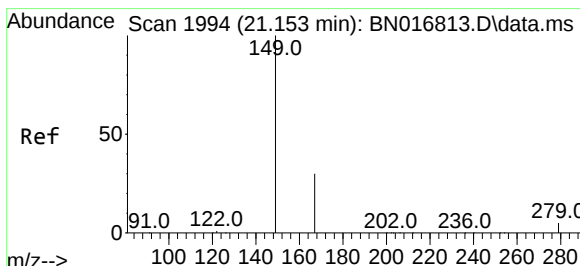
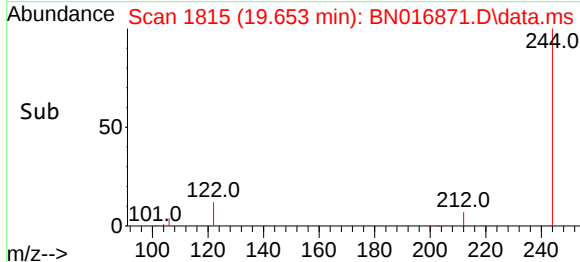
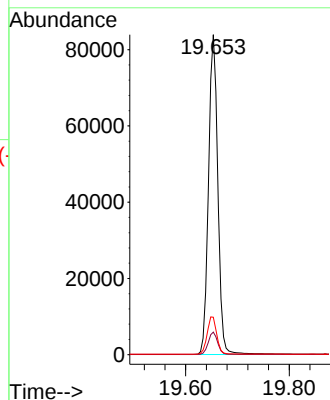
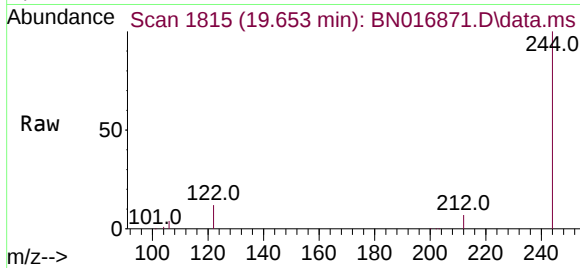




#31
 Terphenyl-d14
 Concen: 0.450 ng
 RT: 19.653 min Scan# 1815
 Delta R.T. -0.005 min
 Lab File: BN016871.D
 Acq: 09 Oct 2021 08:37

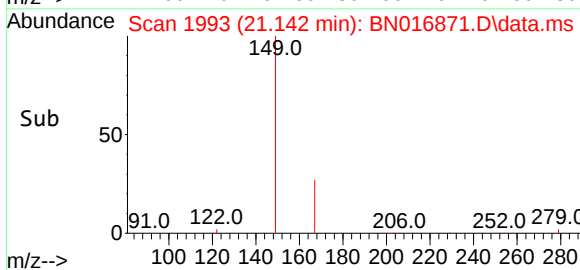
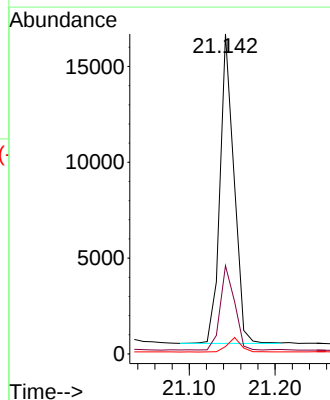
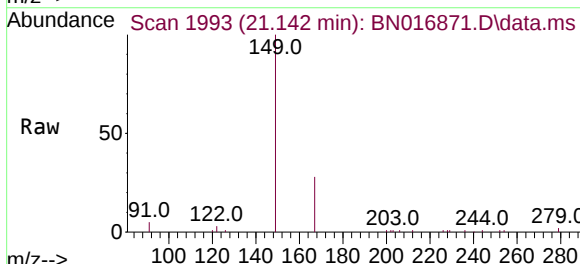
Instrument :
 BNA_N
 ClientSampleId :
 MWHR3-8-100521

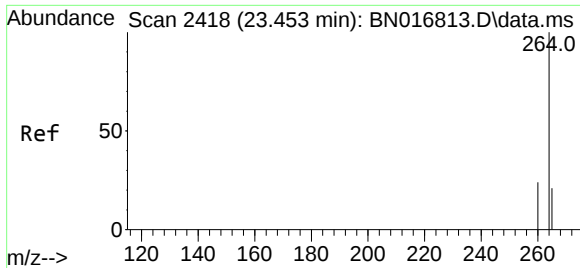
Tgt Ion:244 Resp: 105162
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.7 8.9 13.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.108 ng
 RT: 21.142 min Scan# 1993
 Delta R.T. -0.011 min
 Lab File: BN016871.D
 Acq: 09 Oct 2021 08:37

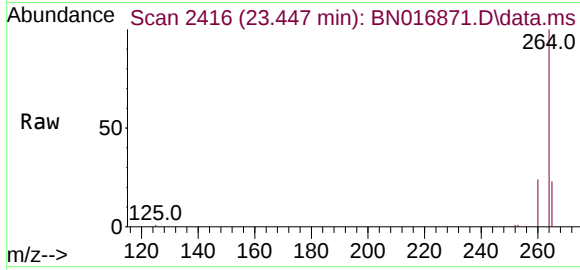
Tgt Ion:149 Resp: 18278
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.2 33.4
 279 4.5 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.447 min Scan# 2416
 Delta R.T. -0.007 min
 Lab File: BN016871.D
 Acq: 09 Oct 2021 08:37

Instrument :
 BNA_N
 ClientSampleId :
 MWHR3-8-100521



Tgt Ion:264 Resp: 113713

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.7	20.3	30.5

