

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
 Data File : BN016851.D
 Acq On : 08 Oct 2021 19:18
 Operator : CG/JU
 Sample : M4096-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP

Quant Time: Oct 09 00:30:38 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)

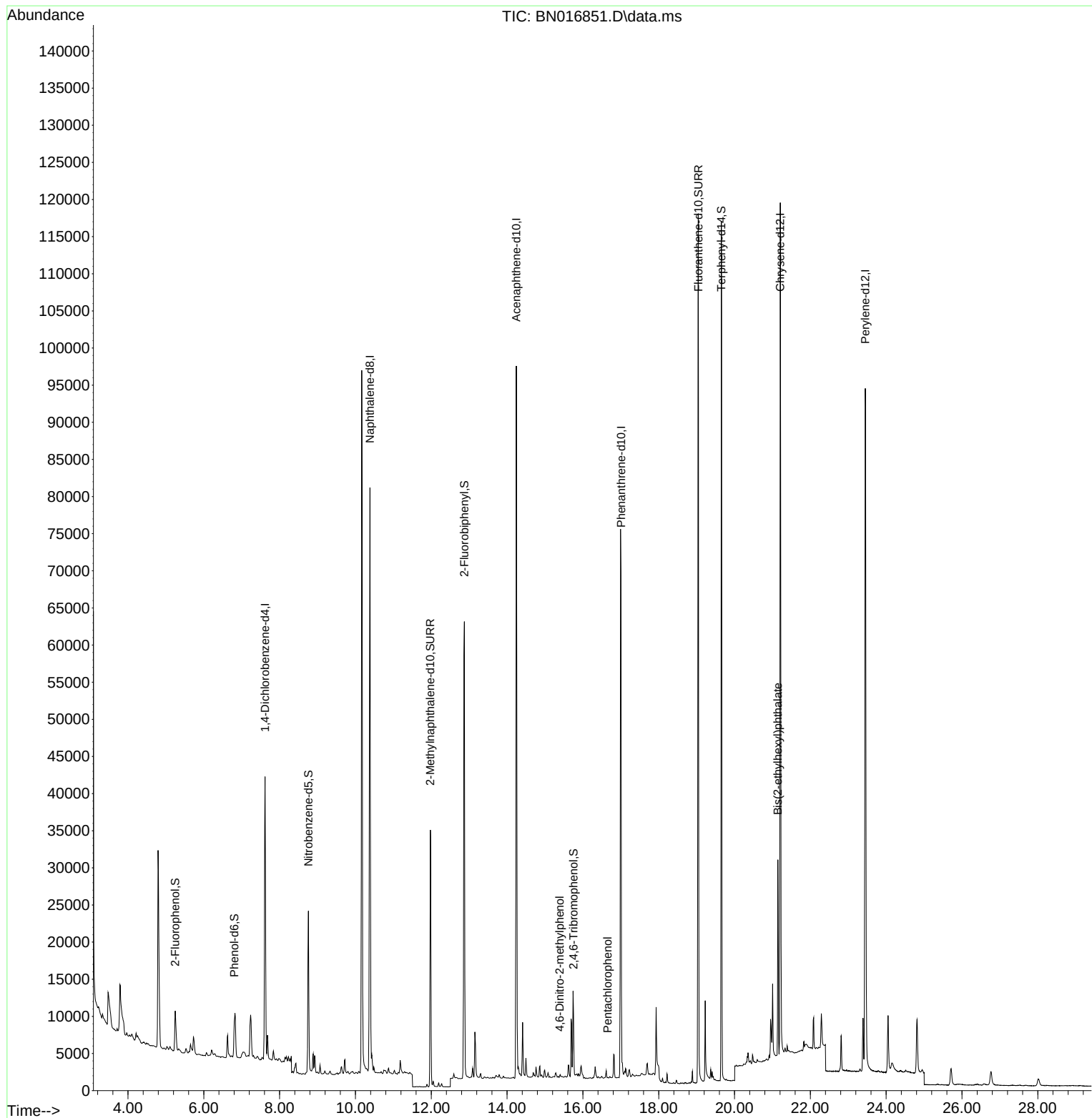
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	22697	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	103493	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	55144	0.400	ng	0.00
19) Phenanthrene-d10	17.006	188	109780	0.400	ng	0.00
29) Chrysene-d12	21.206	240	112097	0.400	ng	# 0.00
35) Perylene-d12	23.450	264	121683	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	6939	0.122	ng	0.00
5) Phenol-d6	6.803	99	4412	0.068	ng	0.00
8) Nitrobenzene-d5	8.759	82	19673	0.271	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	47420	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	9904	0.347	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	61500	0.276	ng	0.00
27) Fluoranthene-d10	19.043	212	129288	0.424	ng	0.00
31) Terphenyl-d14	19.654	244	114716	0.469	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.385	198	5	0.207	ng	# 1
24) Pentachlorophenol	16.653	266	47	0.105	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.143	149	24444	0.139	ng	100

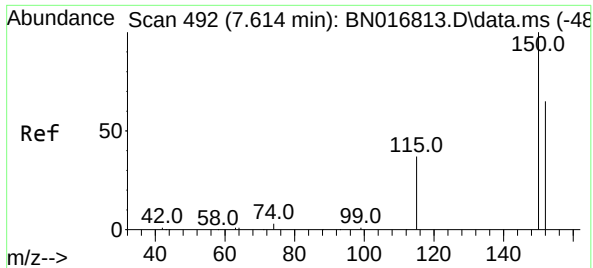
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 08 15:46:07 2021
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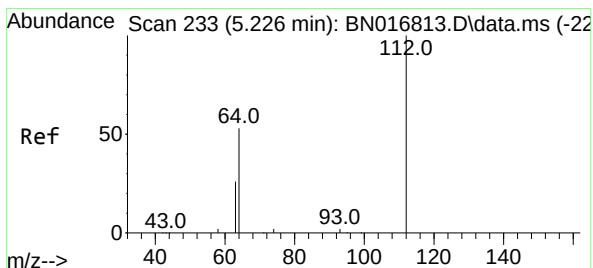
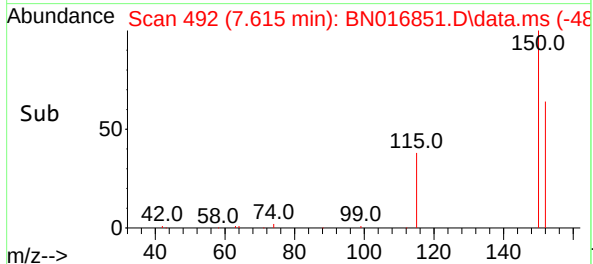
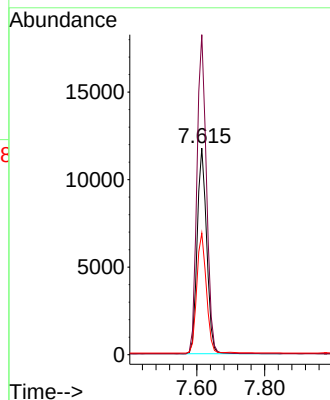
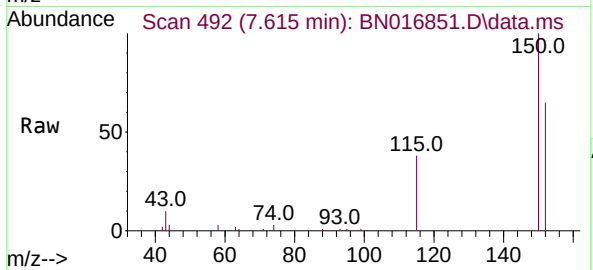




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

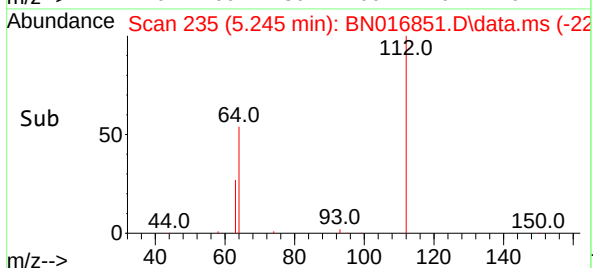
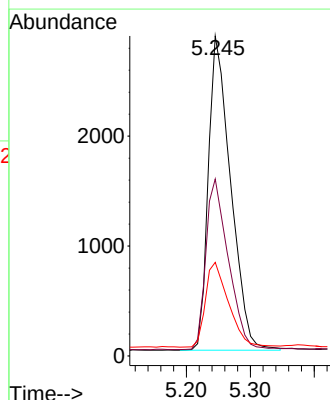
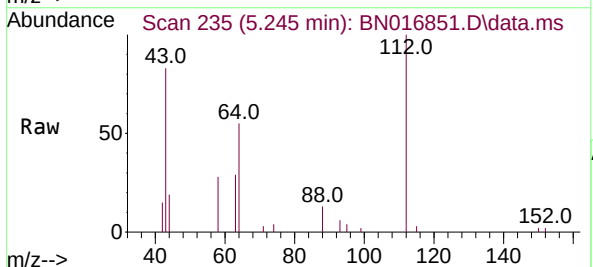
Instrument :
BNA_N
ClientSampled :
DUP

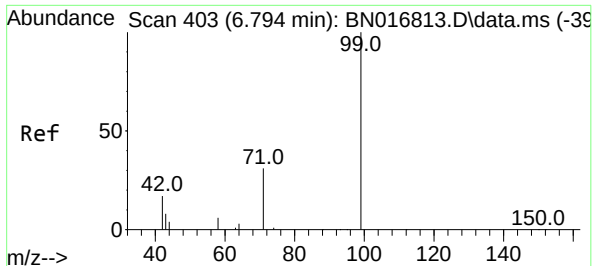
Tgt Ion:152 Resp: 22697
Ion Ratio Lower Upper
152 100
150 154.9 123.3 184.9
115 58.8 47.0 70.6



#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.010 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

Tgt Ion:112 Resp: 6939
Ion Ratio Lower Upper
112 100
64 54.8 42.9 64.3
63 28.1 21.5 32.3

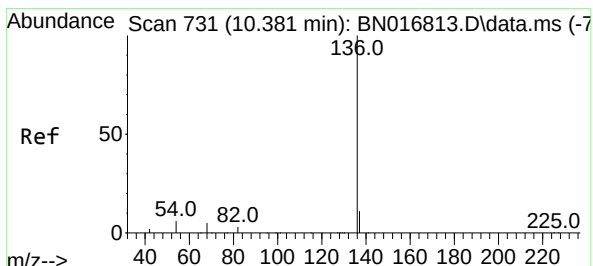
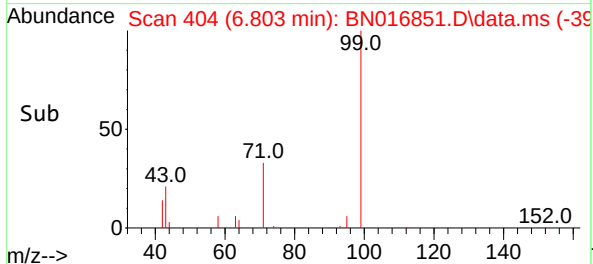
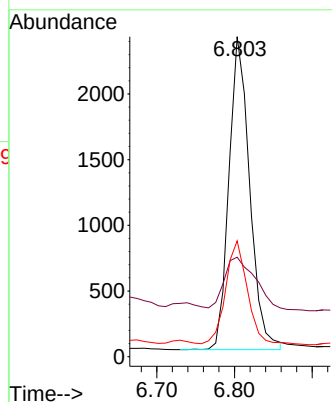
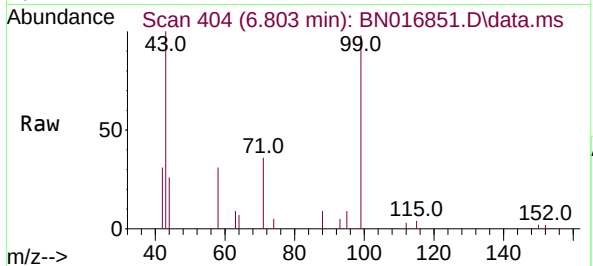




#5
Phenol-d6
Concen: 0.068 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

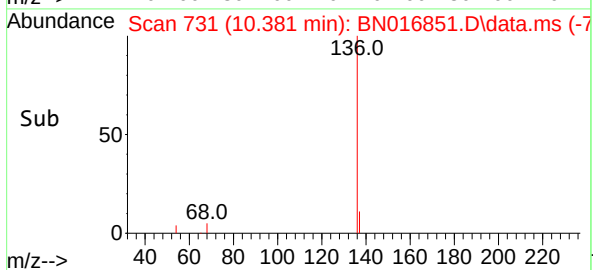
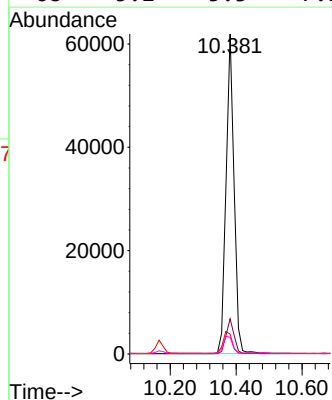
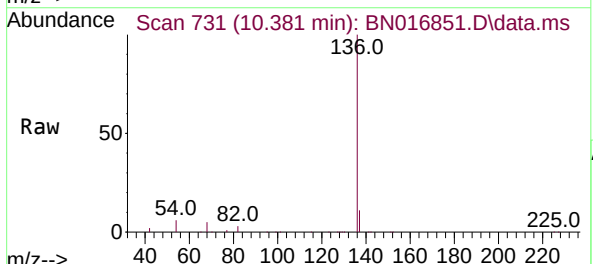
Instrument :
BNA_N
ClientSampled :
DUP

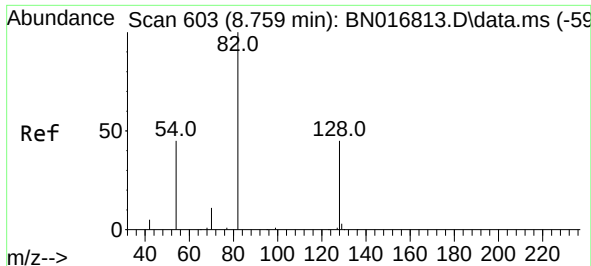
Tgt Ion: 99 Resp: 4412
Ion Ratio Lower Upper
99 100
42 23.4 13.4 20.2#
71 34.0 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.001 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

Tgt Ion: 136 Resp: 103493
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.2 6.5 9.7#
68 5.2 5.3 7.9#

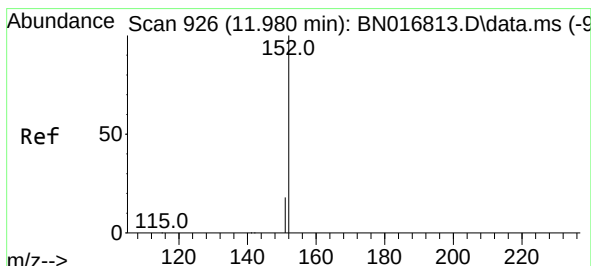
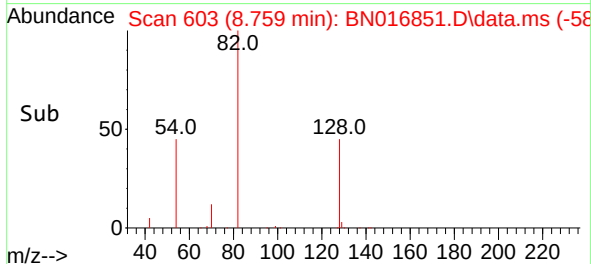
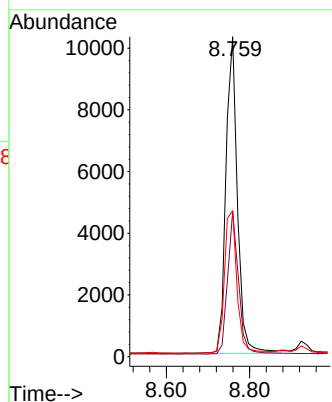
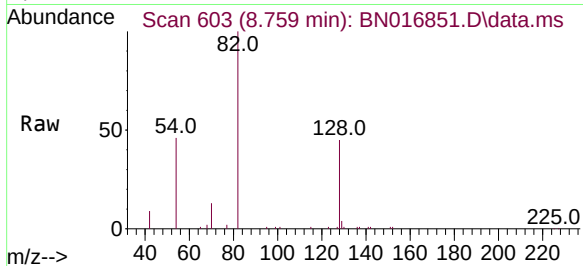




#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.001 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

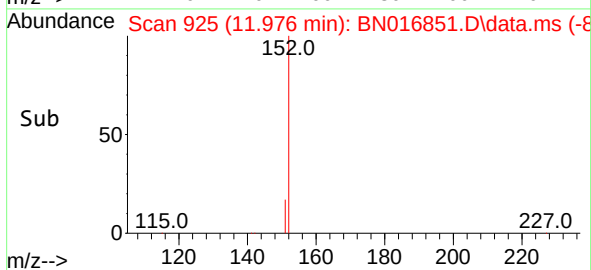
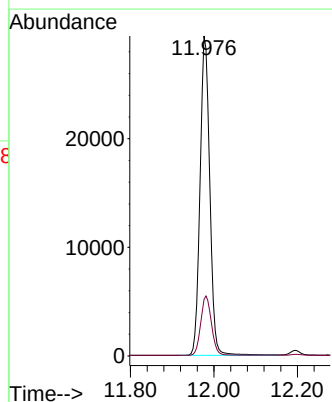
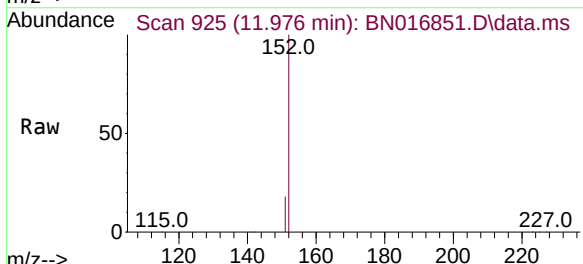
Instrument :
BNA_N
ClientSampleId :
DUP

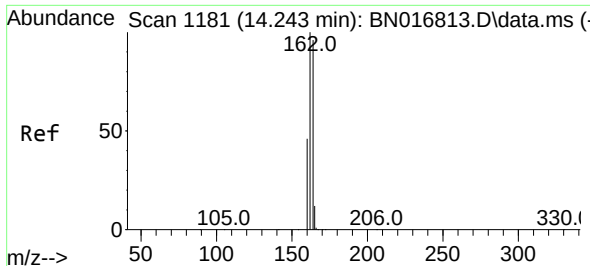
Tgt Ion: 82 Resp: 19673
Ion Ratio Lower Upper
82 100
128 45.5 33.8 50.6
54 45.5 38.5 57.7



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

Tgt Ion: 152 Resp: 47420
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

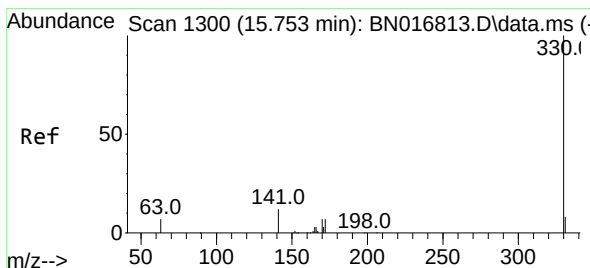
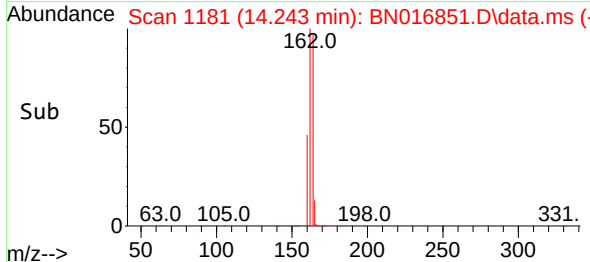
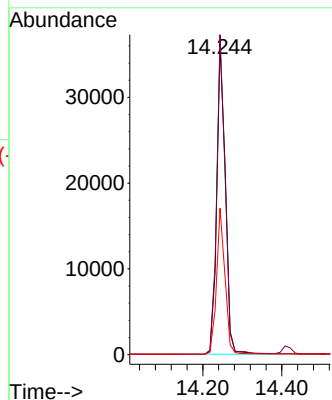
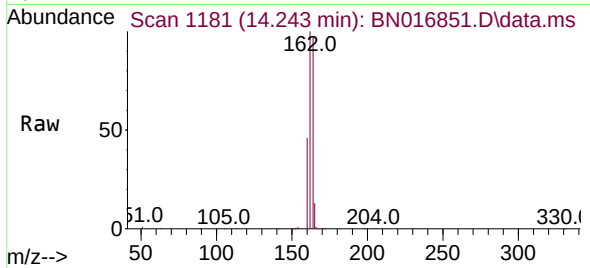




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

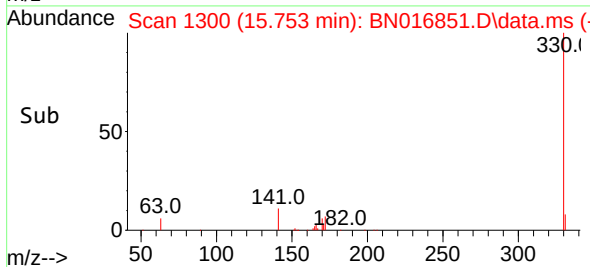
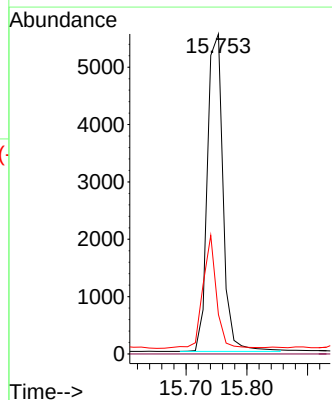
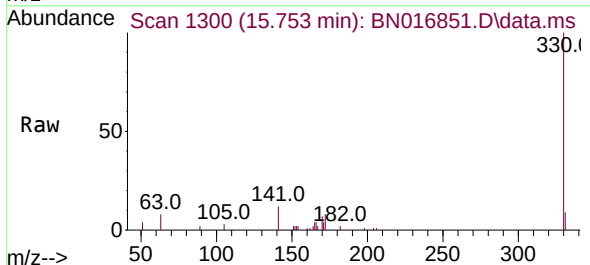
Instrument :
BNA_N
ClientSampleId :
DUP

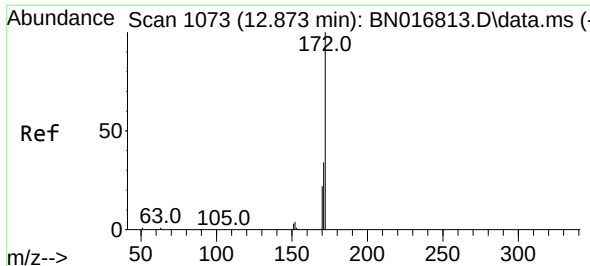
Tgt Ion:164 Resp: 55144
Ion Ratio Lower Upper
164 100
162 102.9 82.6 124.0
160 47.1 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.001 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

Tgt Ion:330 Resp: 9904
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.6 24.2 36.2

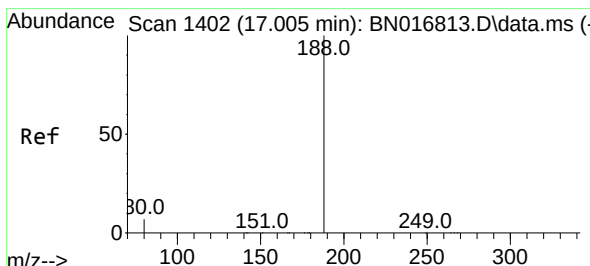
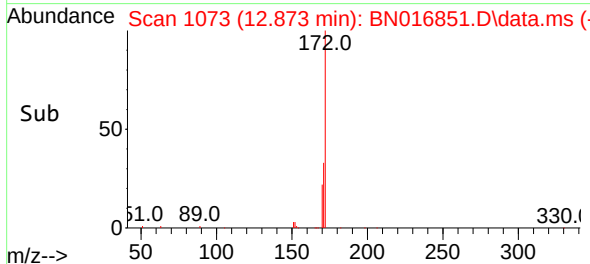
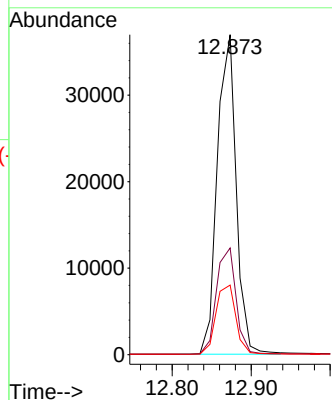
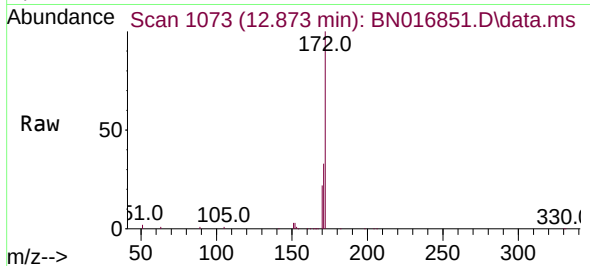




#15
2-Fluorobiphenyl
Concen: 0.276 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.001 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

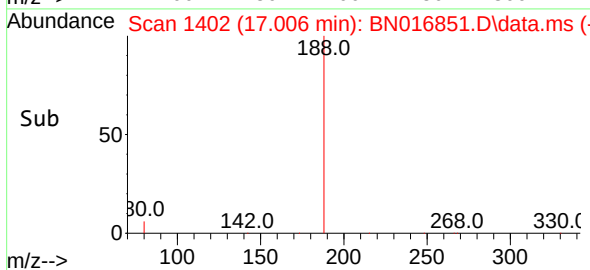
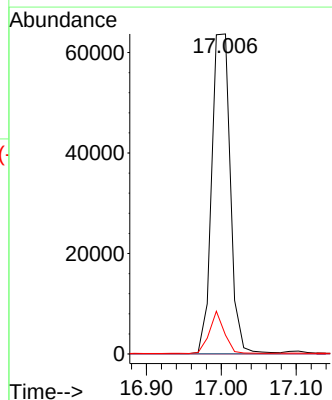
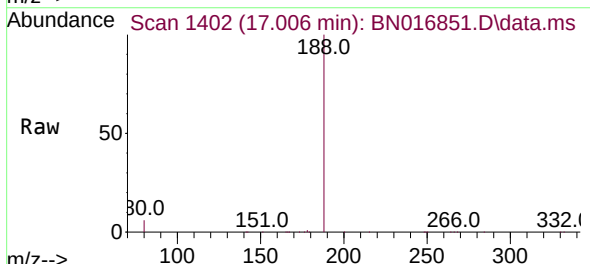
Instrument :
BNA_N
ClientSampleId :
DUP

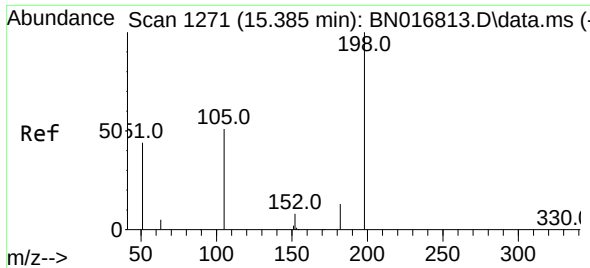
Tgt Ion:	172	Resp:	61500
Ion Ratio	Lower	Upper	
172	100		
171	33.4	26.9	40.3
170	21.7	17.4	26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.006 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

Tgt Ion:	188	Resp:	109780
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.9	5.8	8.8

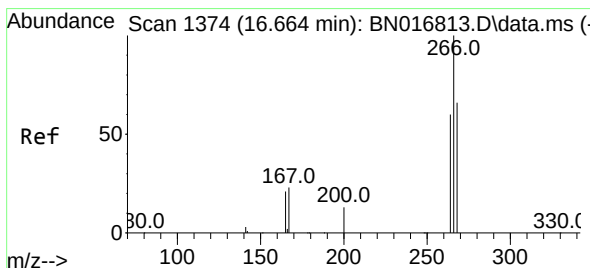
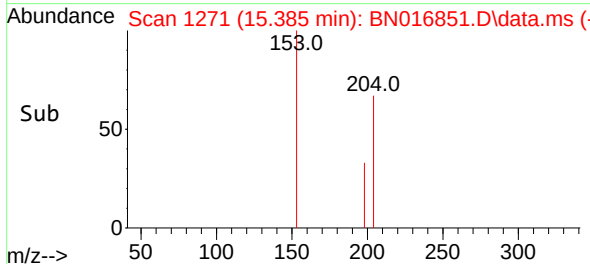
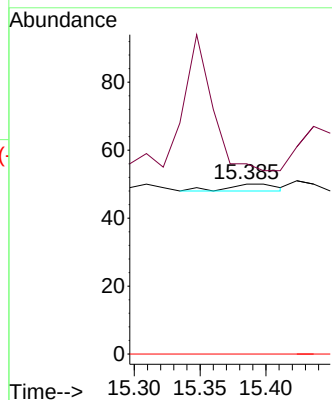
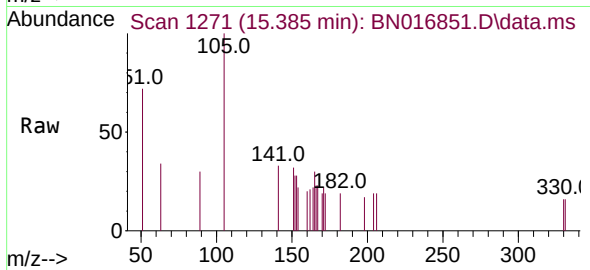




#20
4,6-Dinitro-2-methylphenol
Concen: 0.207 ng
RT: 15.385 min Scan# 1271
Delta R.T. 0.001 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

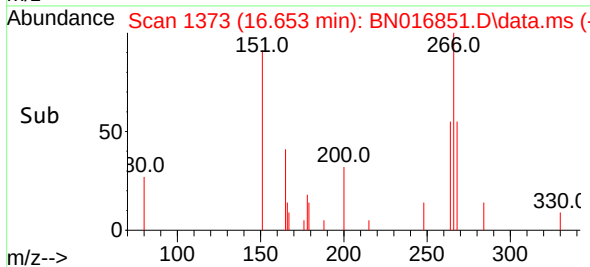
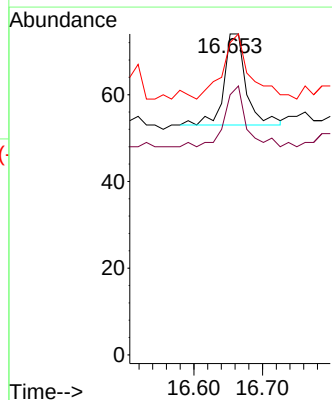
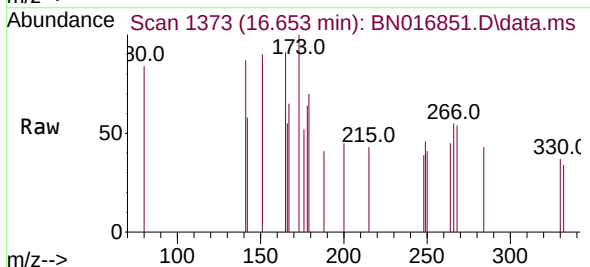
Instrument :
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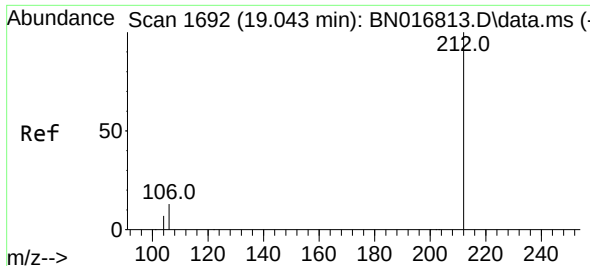
Tgt Ion:198	Resp:	5
Ion	Ratio	Lower Upper
198	100	
182	112.0	26.2 39.2#
77	0.0	0.0 0.0



#24
Pentachlorophenol
Concen: 0.105 ng
RT: 16.653 min Scan# 1373
Delta R.T. 0.001 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

Tgt Ion:266	Resp:	47
Ion	Ratio	Lower Upper
266	100	
264	66.0	49.3 73.9
268	89.4	51.8 77.8#

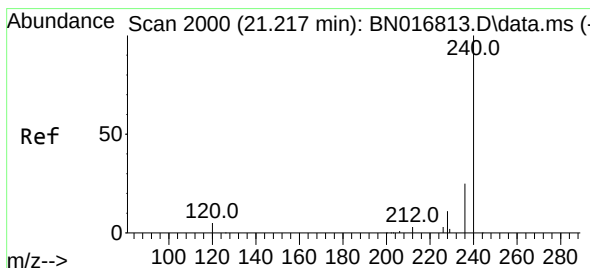
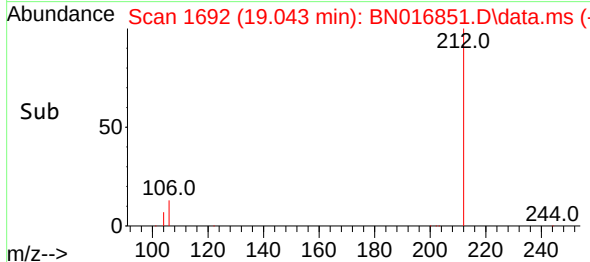
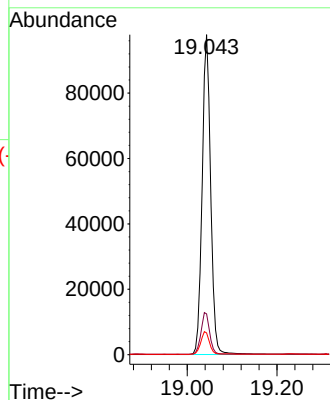
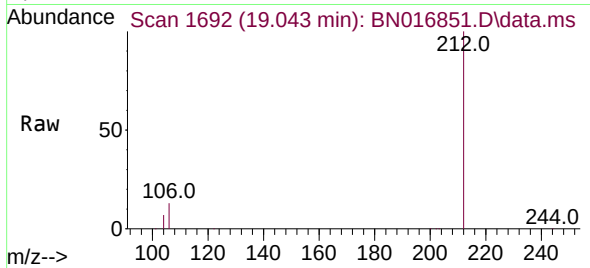




#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

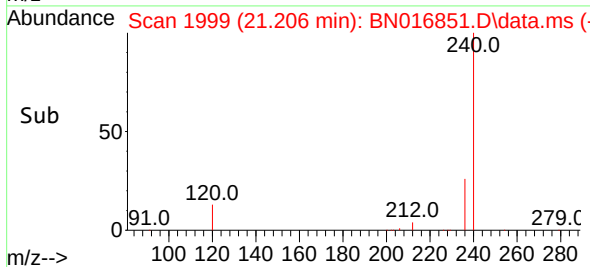
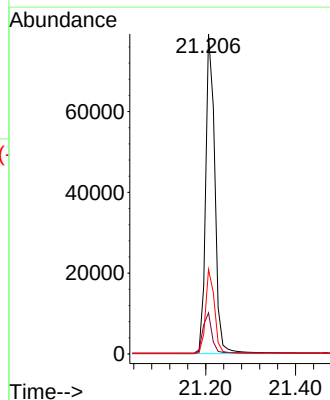
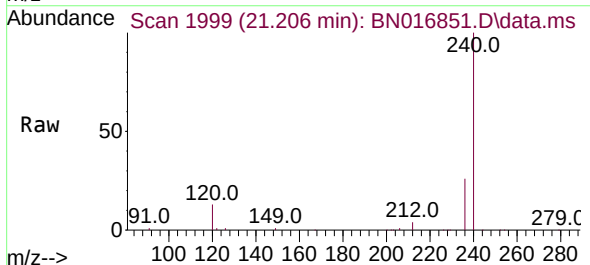
Instrument :
BNA_N
ClientSampleId :
DUP

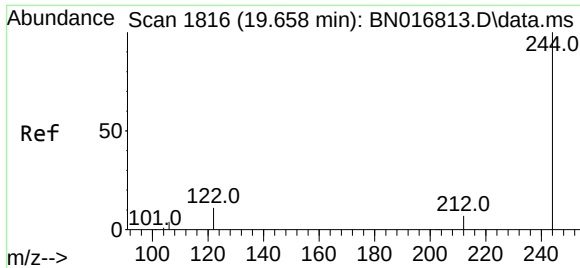
Tgt Ion:212 Resp: 129288
Ion Ratio Lower Upper
212 100
106 13.5 10.6 16.0
104 7.2 5.8 8.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BN016851.D
Acq: 08 Oct 2021 19:18

Tgt Ion:240 Resp: 112097
Ion Ratio Lower Upper
240 100
120 12.9 6.6 10.0#
236 26.5 20.7 31.1

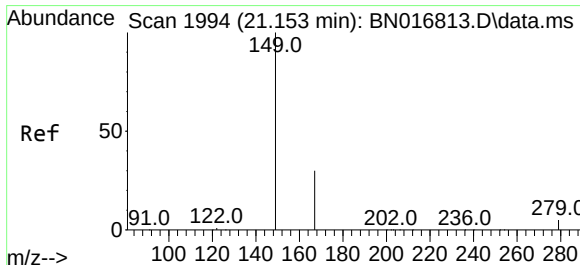
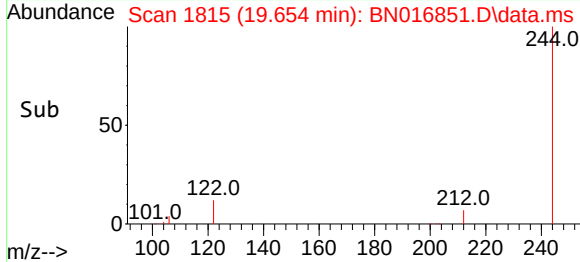
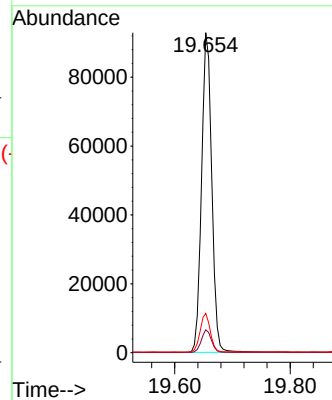
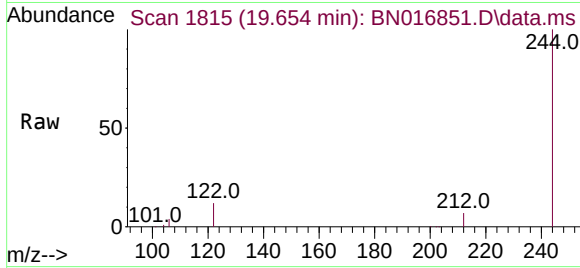




#31
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 19.654 min Scan# 1815
 Delta R.T. -0.004 min
 Lab File: BN016851.D
 Acq: 08 Oct 2021 19:18

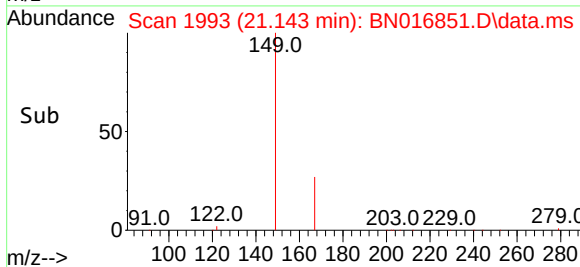
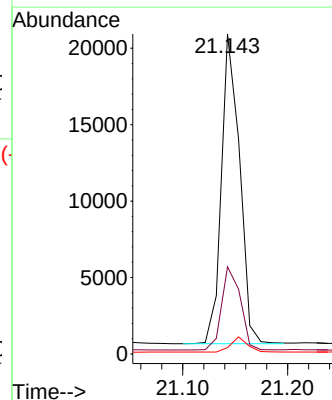
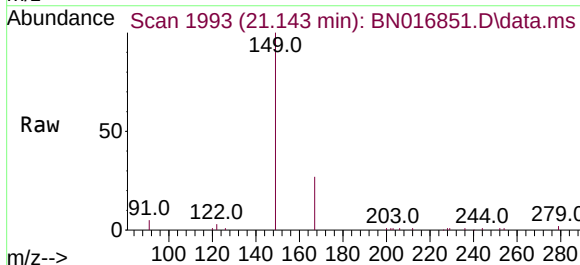
Instrument :
 BNA_N
 ClientSampleId :
 DUP

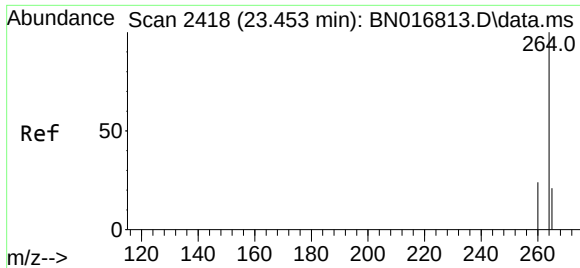
Tgt Ion:244 Resp: 114716
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 12.3 8.9 13.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.139 ng
 RT: 21.143 min Scan# 1993
 Delta R.T. -0.010 min
 Lab File: BN016851.D
 Acq: 08 Oct 2021 19:18

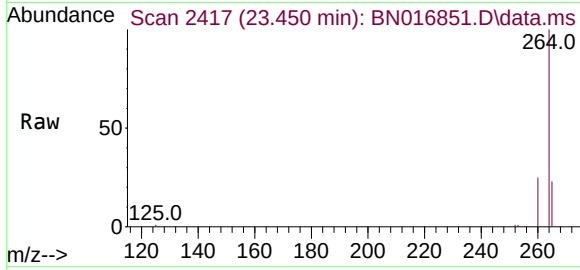
Tgt Ion:149 Resp: 24444
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.2 33.4
 279 4.5 3.4 5.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.450 min Scan# 2417
 Delta R.T. -0.003 min
 Lab File: BN016851.D
 Acq: 08 Oct 2021 19:18

Instrument :
 BNA_N
 ClientSampleId :
 DUP



Tgt Ion:264 Resp: 121683

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.7	20.3	30.5

