

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121521\
 Data File : BN018019.D
 Acq On : 15 Dec 2021 10:54
 Operator : CG/JU
 Sample : PB141246BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 16 03:42:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

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

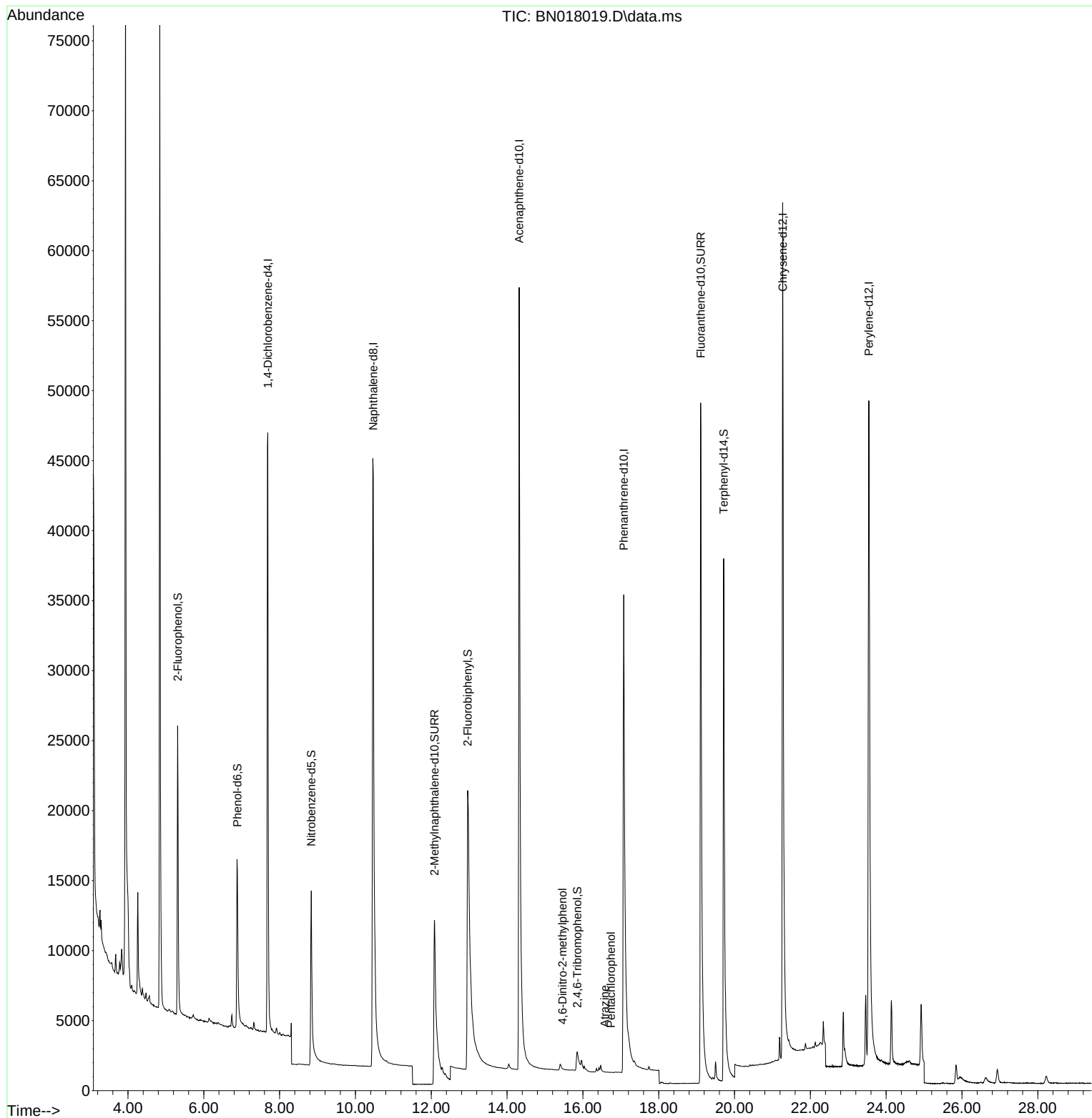
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	26145	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	97763	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	55630	0.400	ng	0.00
19) Phenanthrene-d10	17.078	188	99611	0.400	ng	0.01
29) Chrysene-d12	21.270	240	98401	0.400	ng	0.00
35) Perylene-d12	23.543	264	97838	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	18439	0.325	ng	0.02
5) Phenol-d6	6.886	99	14789	0.260	ng	0.02
8) Nitrobenzene-d5	8.835	82	15912	0.229	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	42541	0.262	ng	0.01
14) 2,4,6-Tribromophenol	15.855	330	2695	0.265	ng	0.04
15) 2-Fluorobiphenyl	12.962	172	39072	0.202	ng	0.01
27) Fluoranthene-d10	19.108	212	106116	0.319	ng	0.00
31) Terphenyl-d14	19.713	244	74940	0.365	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.461	198	9	0.209	ng	# 1
23) Atrazine	16.579	200	21	0.081	ng	# 1
24) Pentachlorophenol	16.738	266	7	0.243	ng	# 28

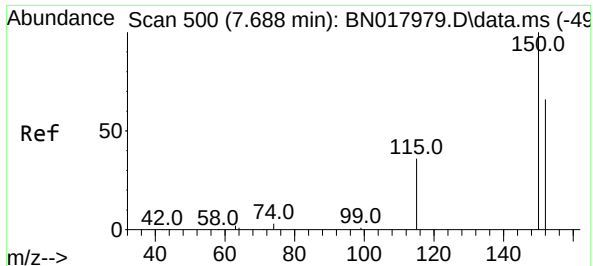
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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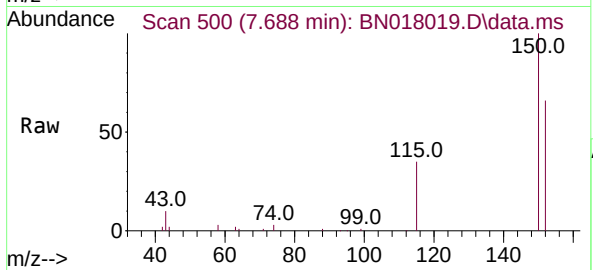
Quant Time: Dec 16 03:42:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration



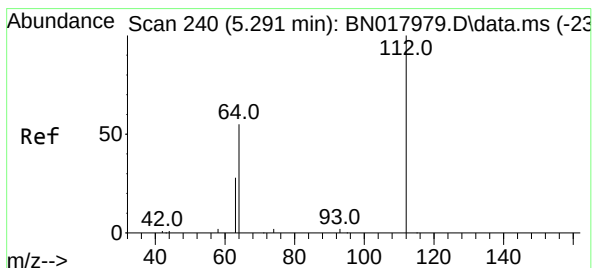
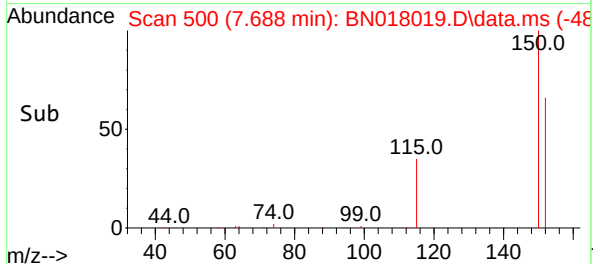
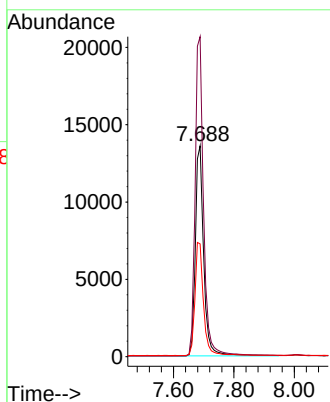


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN018019.D
 Acq: 15 Dec 2021 10:54

Instrument :
 BNA_N
 ClientSampleId :

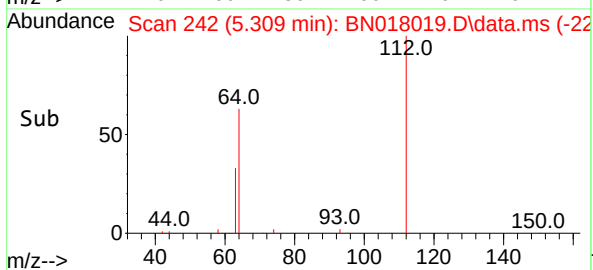
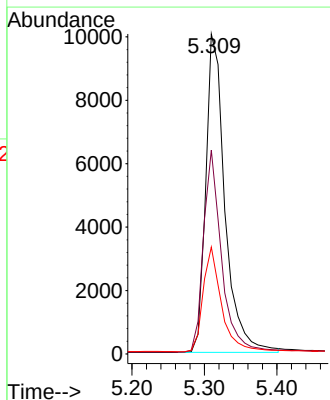
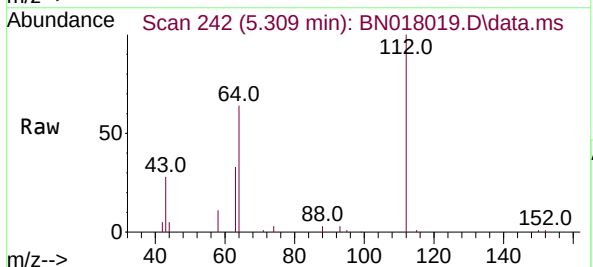


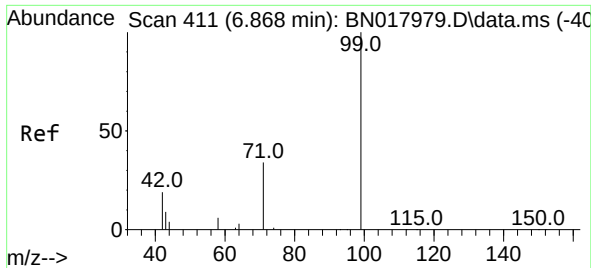
Tgt Ion:152 Resp: 26145
 Ion Ratio Lower Upper
 152 100
 150 151.7 121.7 182.5
 115 53.5 43.8 65.8



#4
 2-Fluorophenol
 Concen: 0.325 ng
 RT: 5.309 min Scan# 242
 Delta R.T. 0.019 min
 Lab File: BN018019.D
 Acq: 15 Dec 2021 10:54

Tgt Ion:112 Resp: 18439
 Ion Ratio Lower Upper
 112 100
 64 60.0 48.0 72.0
 63 31.5 25.3 37.9

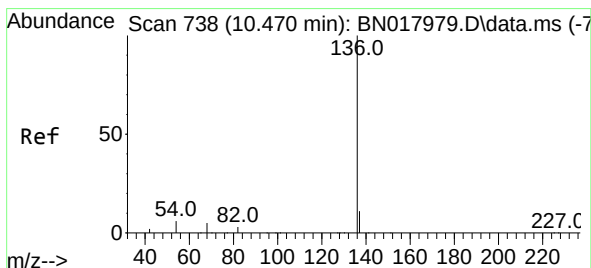
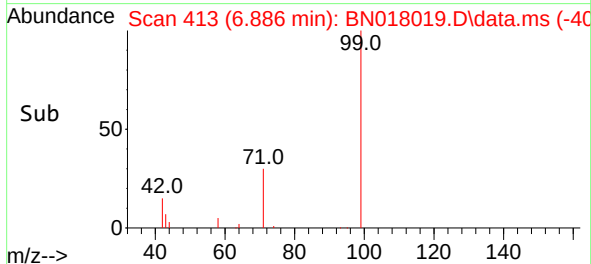
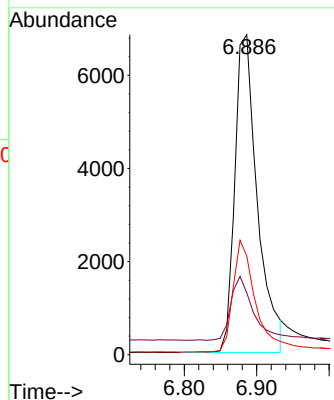
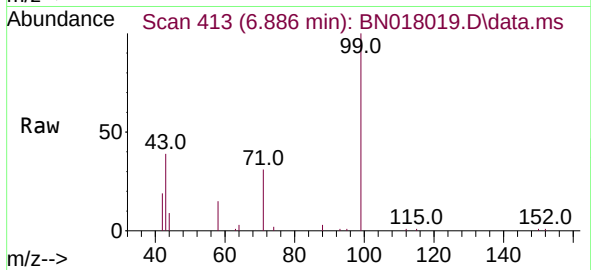




#5
Phenol-d6
Concen: 0.260 ng
RT: 6.886 min Scan# 411
Delta R.T. 0.019 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

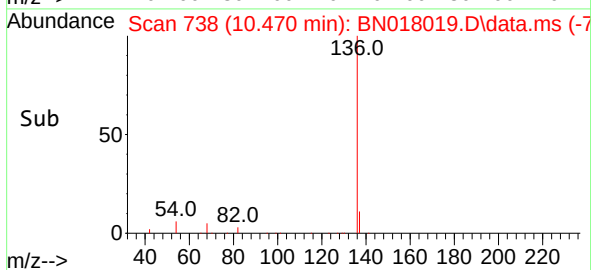
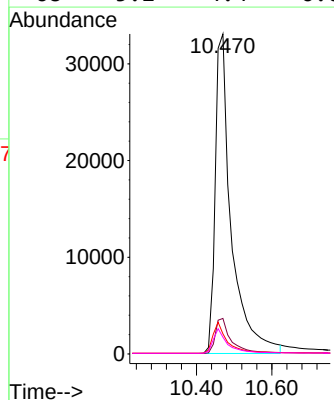
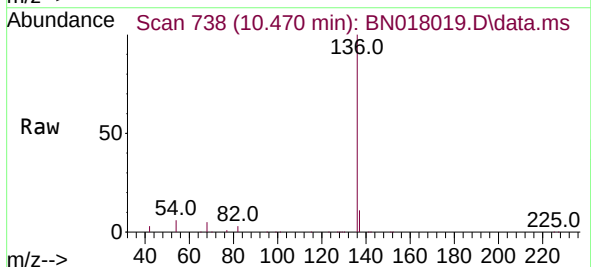
Instrument :
BNA_N
ClientSampleId :

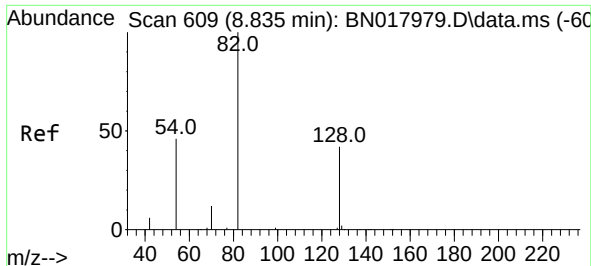
Tgt Ion: 99 Resp: 14789
Ion Ratio Lower Upper
99 100
42 19.7 16.3 24.5
71 34.1 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

Tgt Ion: 136 Resp: 97763
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.3 5.0 7.6
68 5.2 4.4 6.6

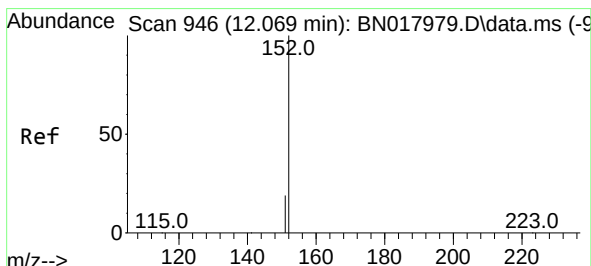
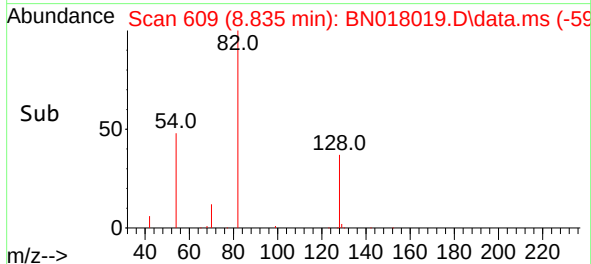
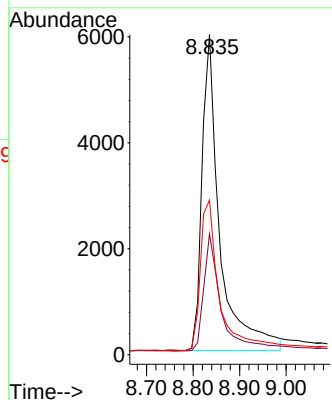
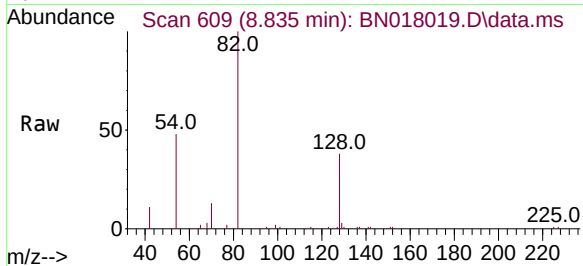




#8
Nitrobenzene-d5
Concen: 0.229 ng
RT: 8.835 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

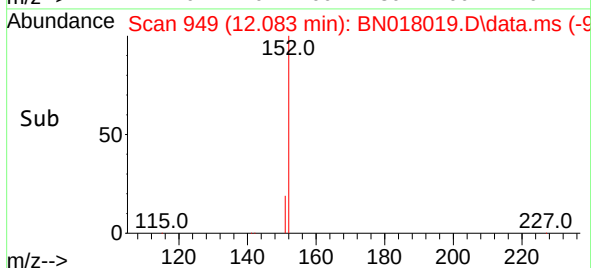
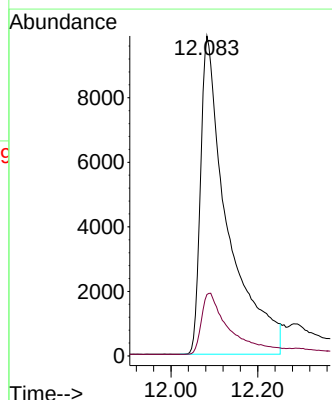
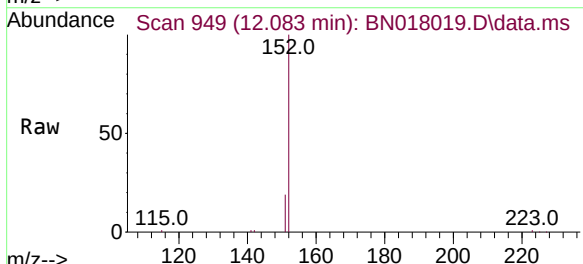
Instrument :
BNA_N
ClientSampleId :

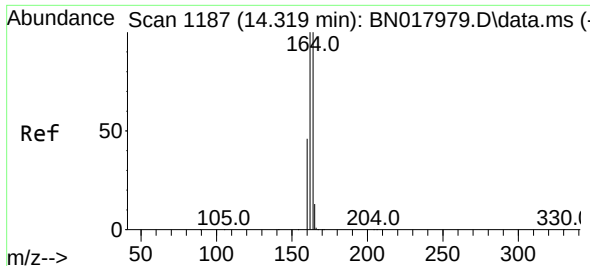
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	33.7	50.5
54	48.3	36.6	55.0



#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.083 min Scan# 949
Delta R.T. 0.013 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

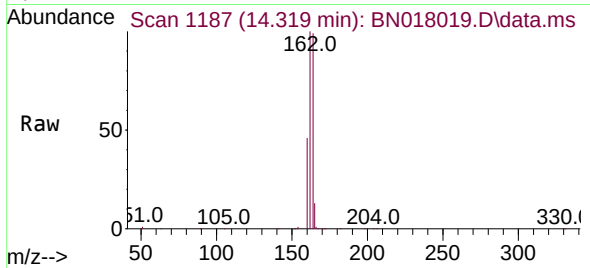
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



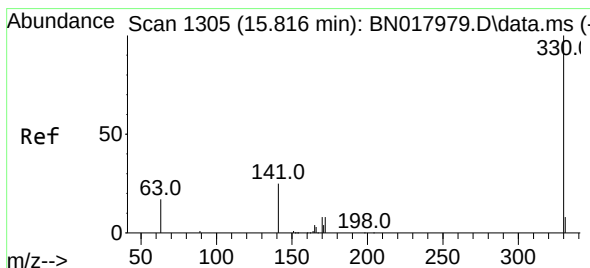
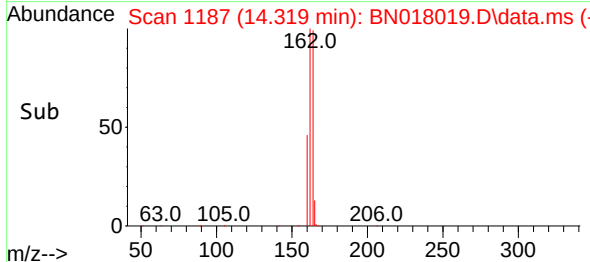
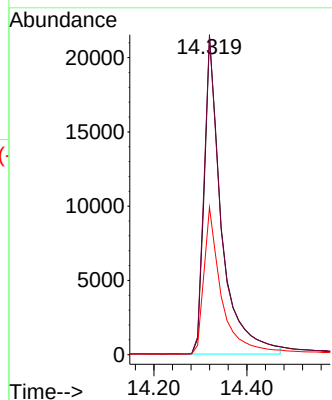


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

Instrument :
BNA_N
ClientSampleId :

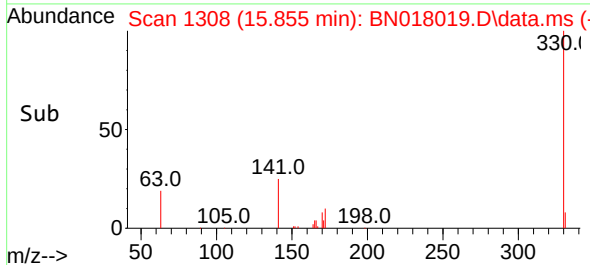
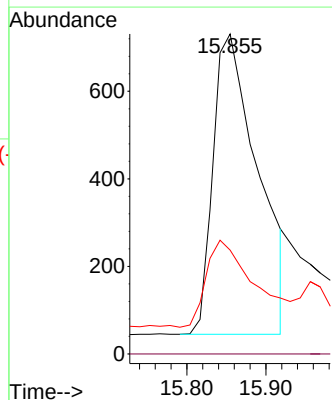
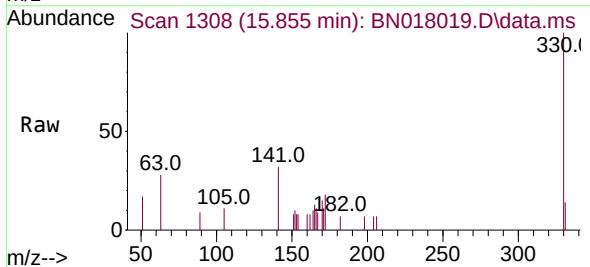


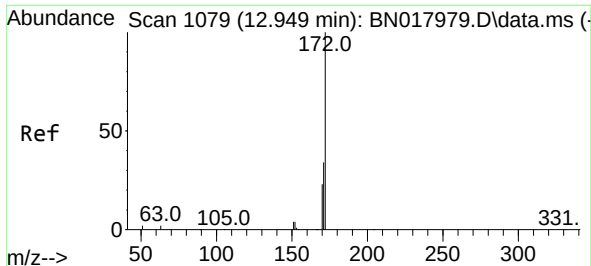
Tgt Ion:164 Resp: 55630
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 46.4 36.9 55.3



#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 15.855 min Scan# 1308
Delta R.T. 0.039 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

Tgt Ion:330 Resp: 2695
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 21.3 31.9

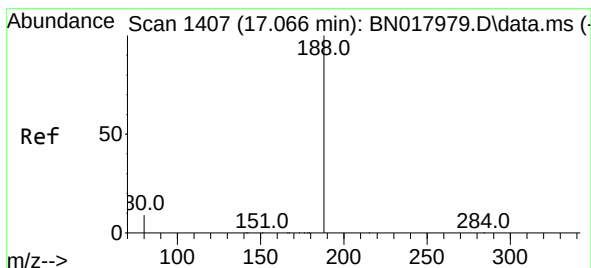
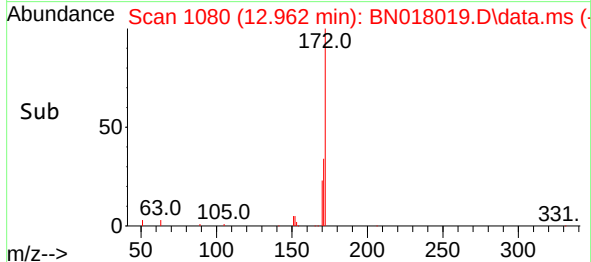
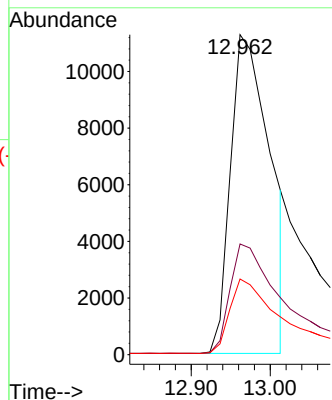
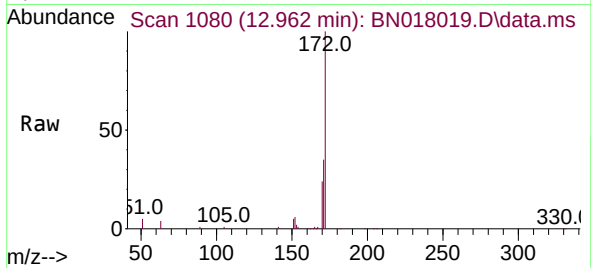




#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 12.962 min Scan# 1080
Delta R.T. 0.013 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

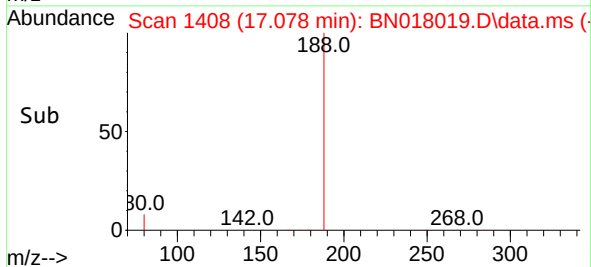
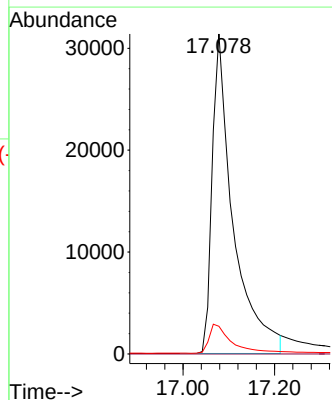
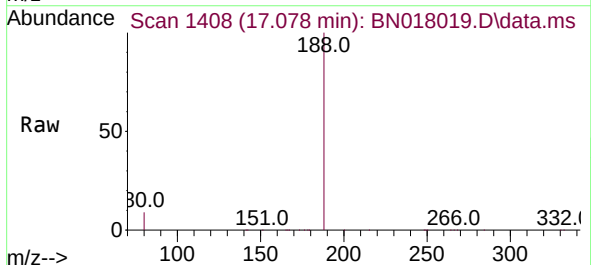
Instrument :
BNA_N
ClientSampleId :

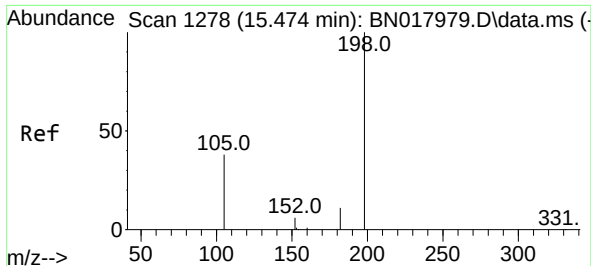
Tgt Ion:172 Resp: 39072
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.6 18.4 27.6



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.078 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

Tgt Ion:188 Resp: 99611
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 7.0 10.4

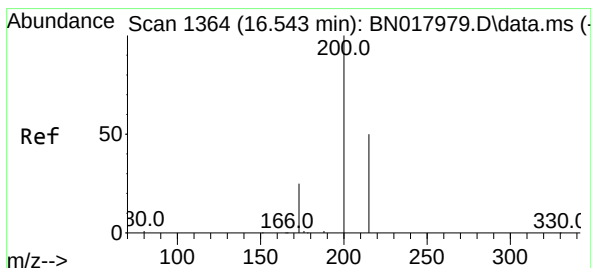
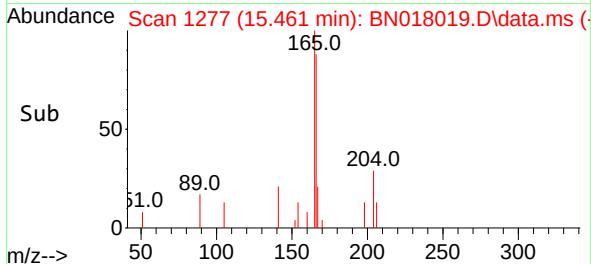
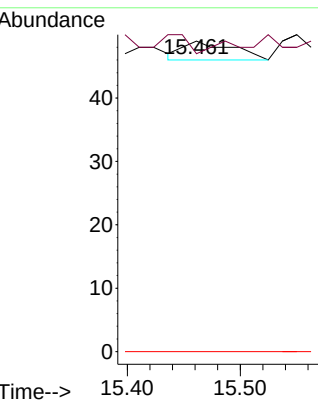
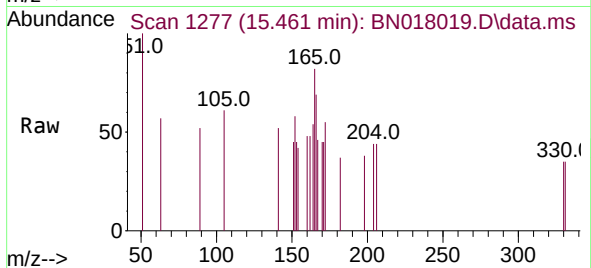




#20
4,6-Dinitro-2-methylphenol
Concen: 0.209 ng
RT: 15.461 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

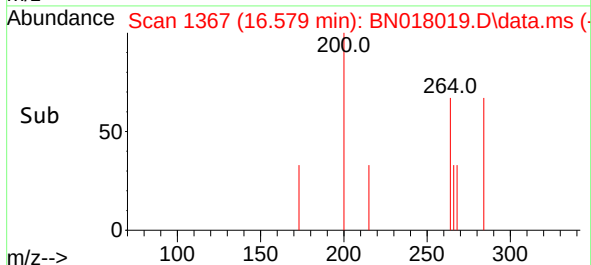
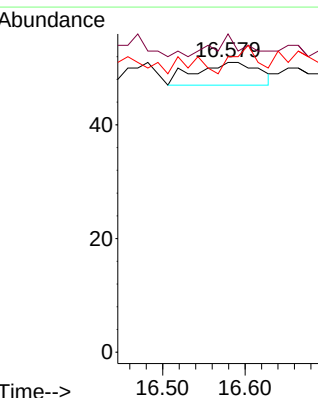
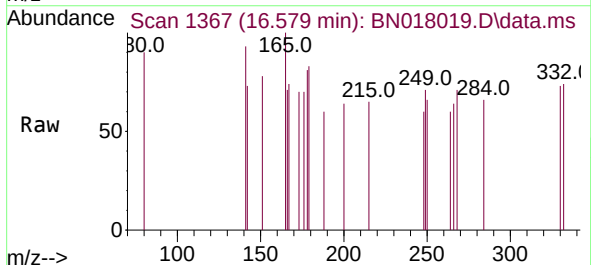
Instrument :
BNA_N
ClientSampleId :

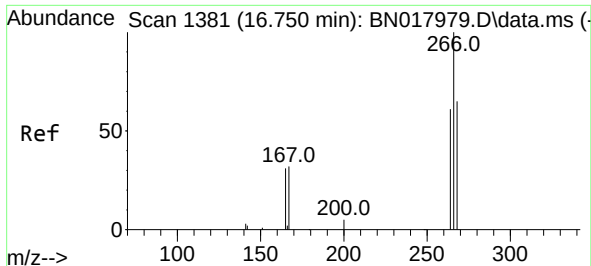
Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 95.9 15.5 23.3#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.081 ng
RT: 16.579 min Scan# 1367
Delta R.T. 0.036 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

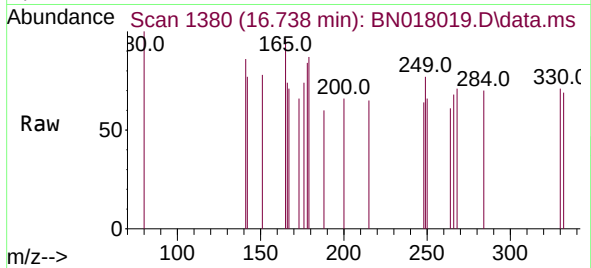
Tgt Ion:200 Resp: 21
Ion Ratio Lower Upper
200 100
173 109.8 20.3 30.5#
215 102.0 40.4 60.6#



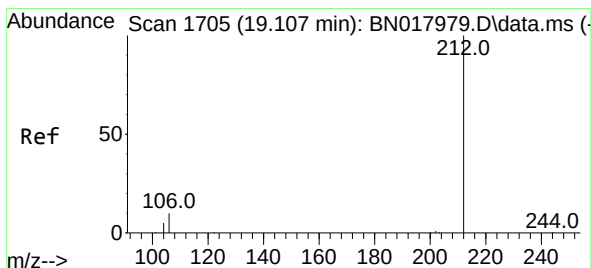
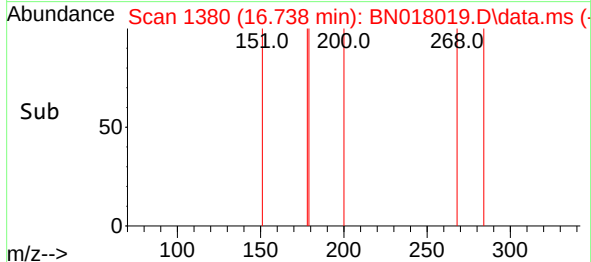
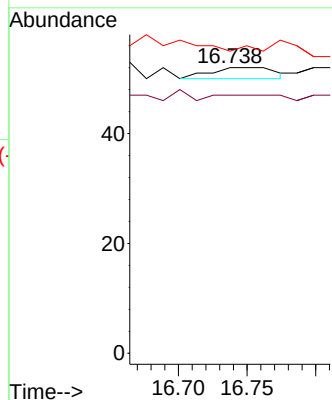


#24
Pentachlorophenol
Concen: 0.243 ng
RT: 16.738 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

Instrument :
BNA_N
ClientSampleId :

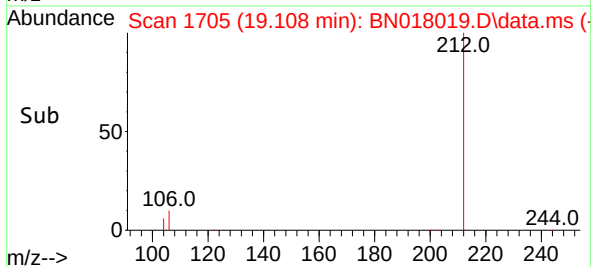
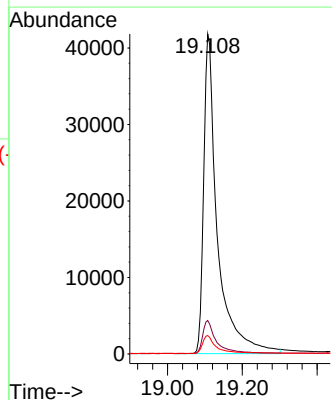
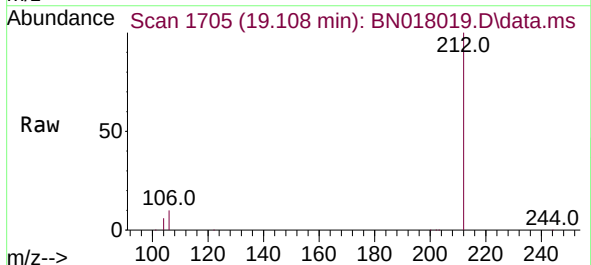


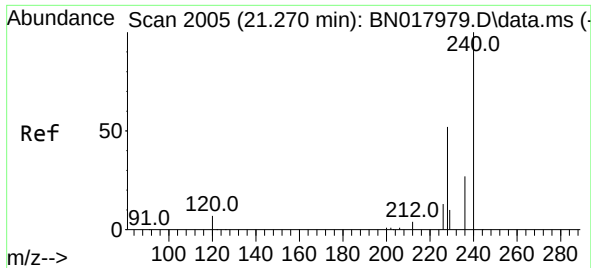
Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 14.3 49.5 74.3#
268 0.0 50.6 76.0#



#27
Fluoranthene-d10
Concen: 0.319 ng
RT: 19.108 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

Tgt Ion:212 Resp: 106116
Ion Ratio Lower Upper
212 100
106 10.5 8.4 12.6
104 5.7 4.5 6.7

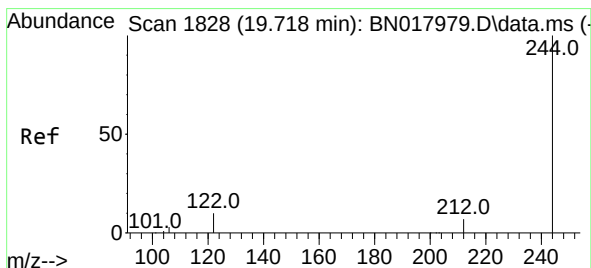
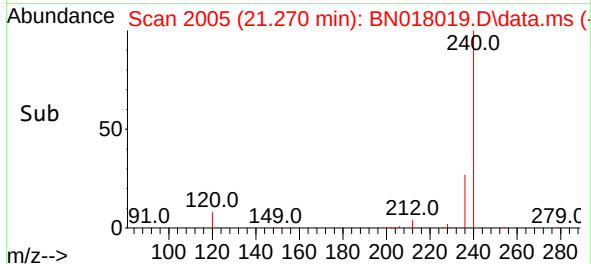
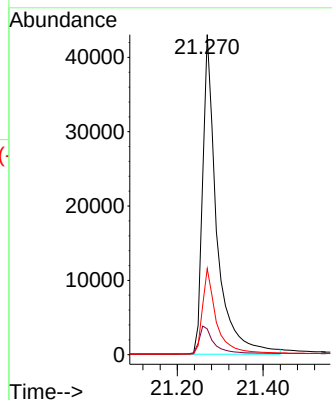
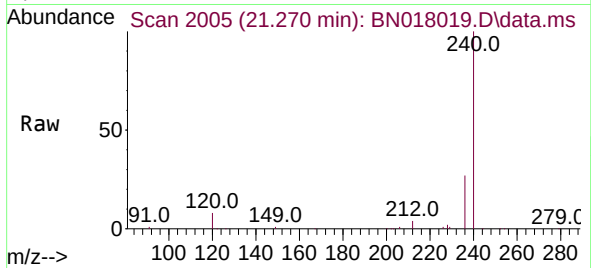




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

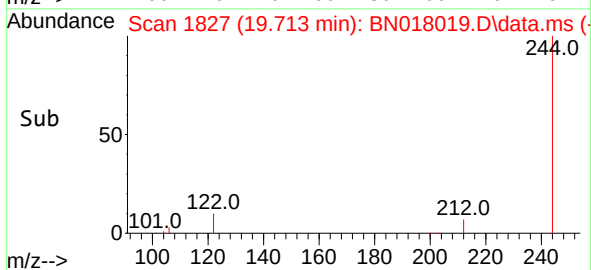
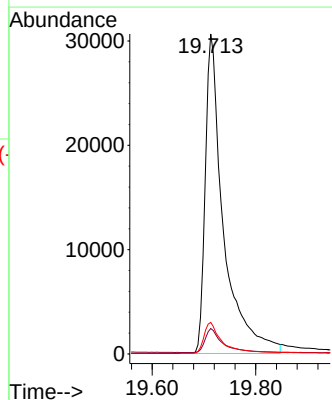
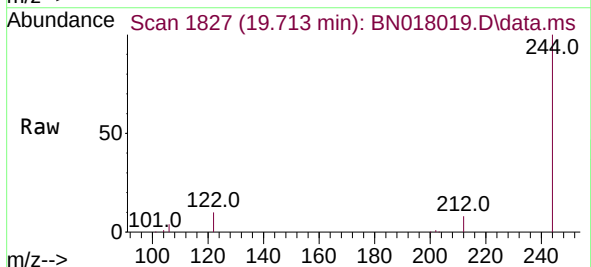
Instrument :
BNA_N
ClientSampleId :

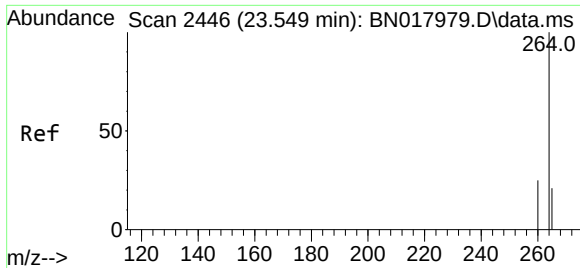
Tgt Ion:240 Resp: 98401
Ion Ratio Lower Upper
240 100
120 8.1 6.0 9.0
236 26.9 21.4 32.2



#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.713 min Scan# 1827
Delta R.T. -0.005 min
Lab File: BN018019.D
Acq: 15 Dec 2021 10:54

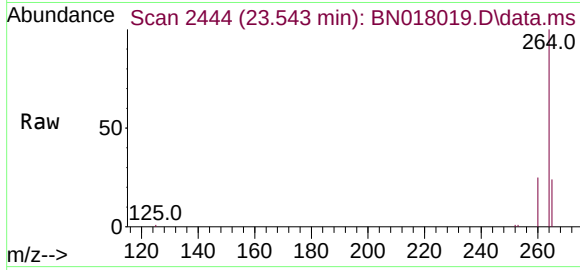
Tgt Ion:244 Resp: 74940
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 9.9 7.9 11.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN018019.D
 Acq: 15 Dec 2021 10:54

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:264 Resp: 97838

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	23.6	18.2	27.2

