

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017620.D
 Acq On : 30 Nov 2021 20:00
 Operator : CG/JU
 Sample : PB141083BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141083BL

Quant Time: Dec 01 03:15:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 30 18:26:44 2021
 Response via : Initial Calibration

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

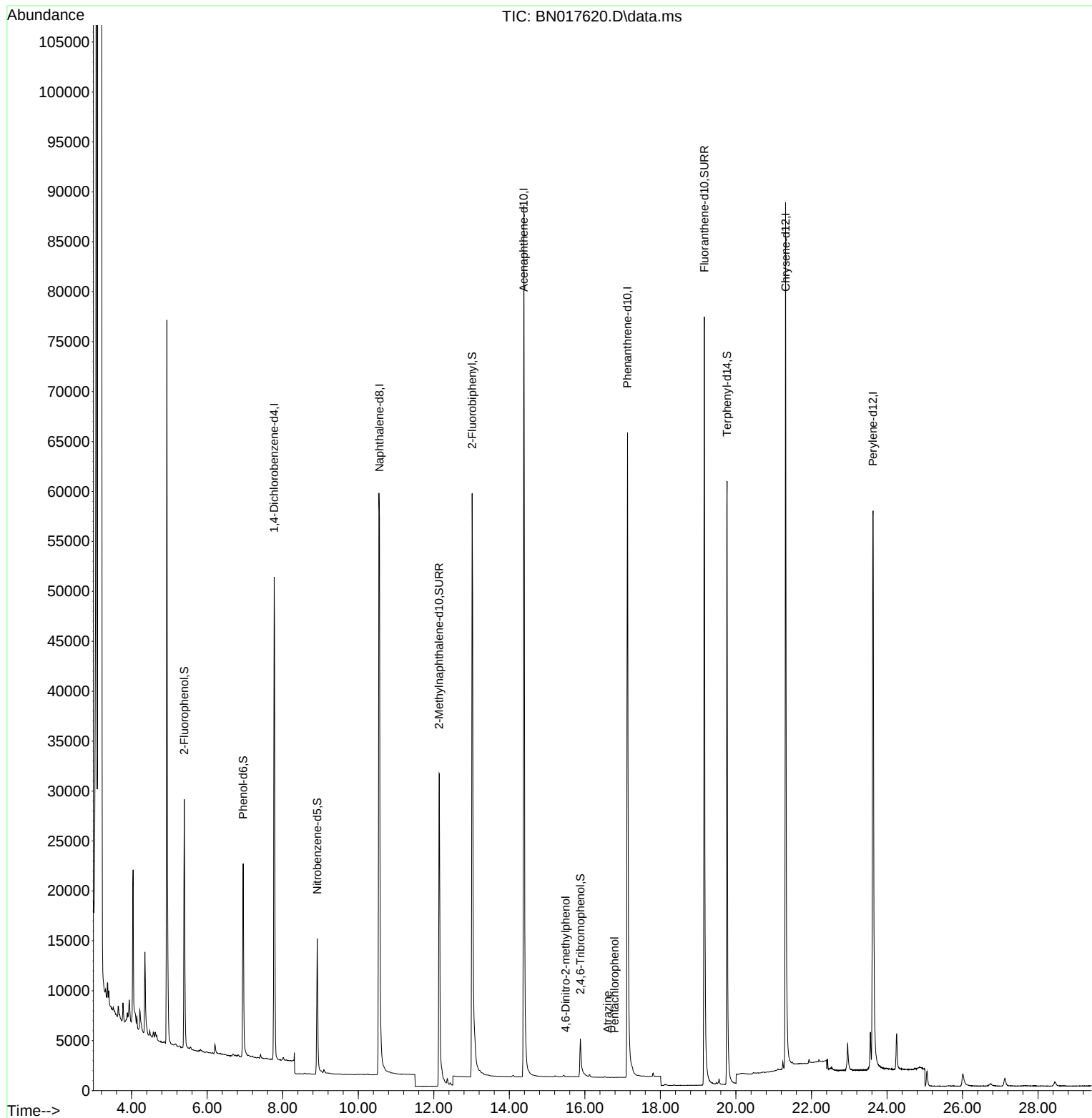
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.773	152	26476	0.400	ng	0.00
7) Naphthalene-d8	10.560	136	103910	0.400	ng	# 0.01
13) Acenaphthene-d10	14.384	164	58912	0.400	ng	0.00
19) Phenanthrene-d10	17.128	188	116275	0.400	ng	0.00
29) Chrysene-d12	21.314	240	100281	0.400	ng	# 0.00
35) Perylene-d12	23.630	264	94317	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.394	112	20911	0.348	ng	0.03
5) Phenol-d6	6.952	99	19629	0.309	ng	0.00
8) Nitrobenzene-d5	8.912	82	13167	0.299	ng	0.00
11) 2-Methylnaphthalene-d10	12.142	152	58026	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	5392	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	70458	0.307	ng	0.00
27) Fluoranthene-d10	19.164	212	113680	0.313	ng	0.00
31) Terphenyl-d14	19.764	244	79293	0.361	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.488	198	4	0.056	ng	# 1
23) Atrazine	16.605	200	7	0.131	ng	# 2
24) Pentachlorophenol	16.788	266	11	0.193	ng	# 42

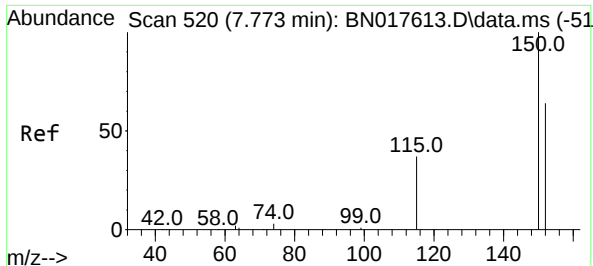
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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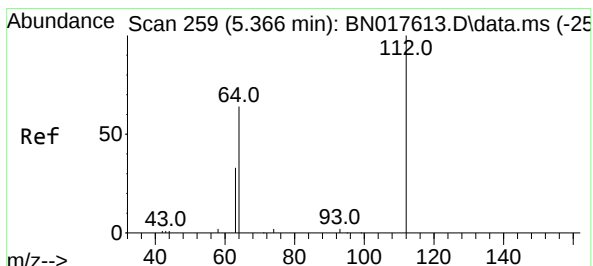
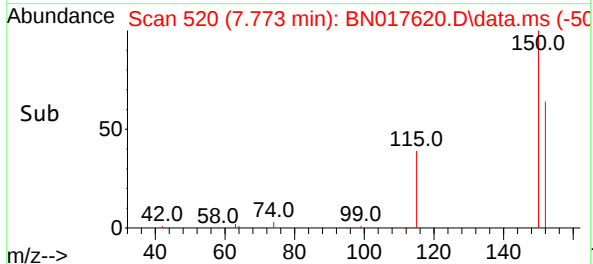
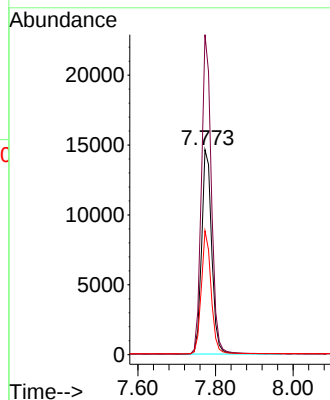
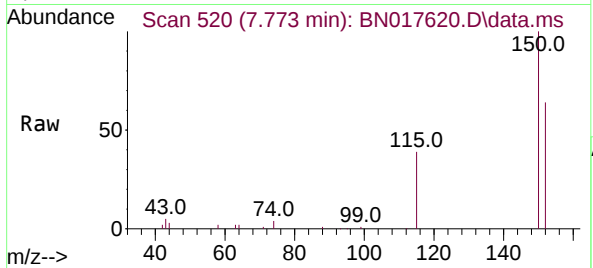




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

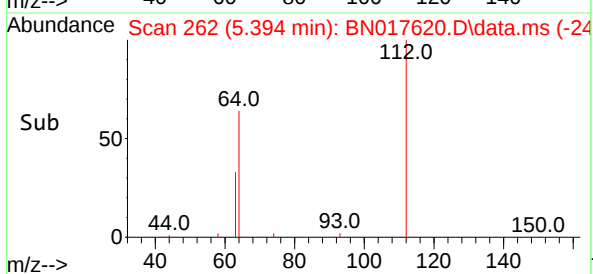
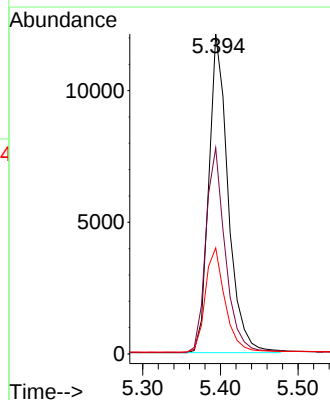
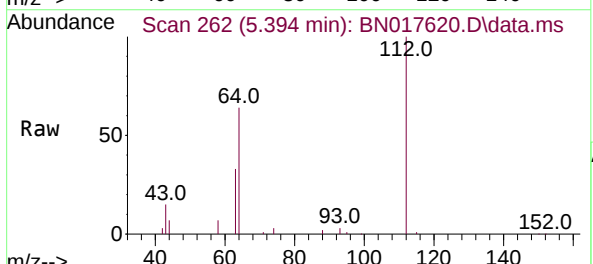
Instrument :
BNA_N
ClientSampleId :
PB141083BL

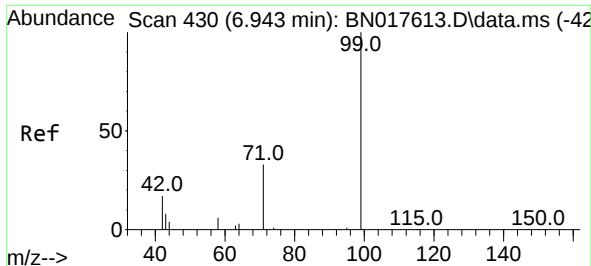
Tgt Ion:152 Resp: 26476
Ion Ratio Lower Upper
152 100
150 156.1 123.0 184.4
115 60.5 45.6 68.4



#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.394 min Scan# 262
Delta R.T. 0.028 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

Tgt Ion:112 Resp: 20911
Ion Ratio Lower Upper
112 100
64 64.4 47.6 71.4
63 33.4 24.6 37.0

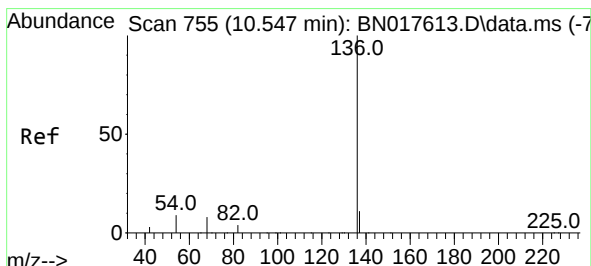
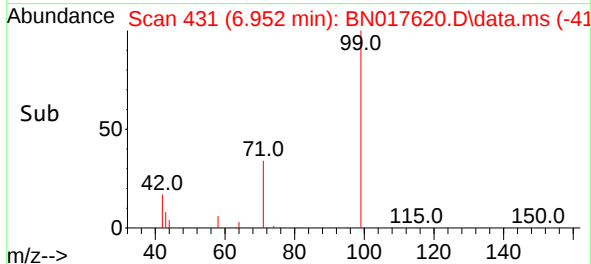
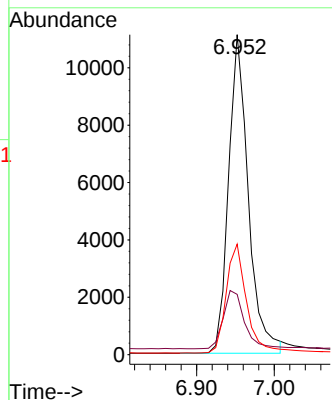
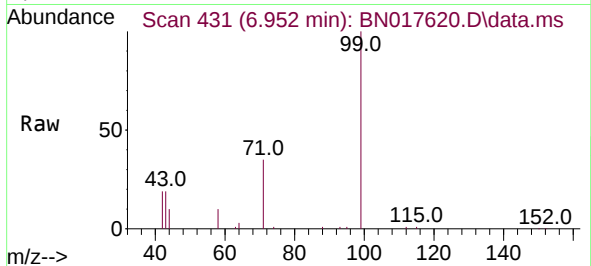




#5
Phenol-d6
Concen: 0.309 ng
RT: 6.952 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

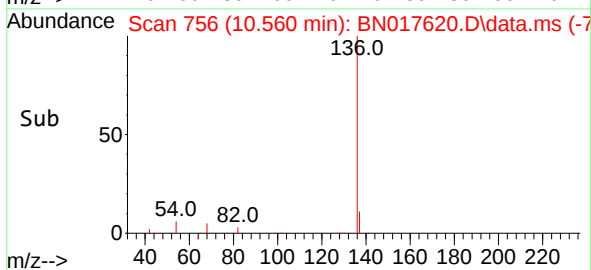
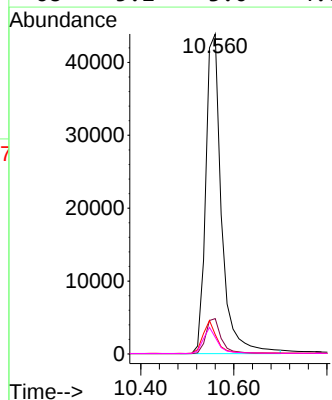
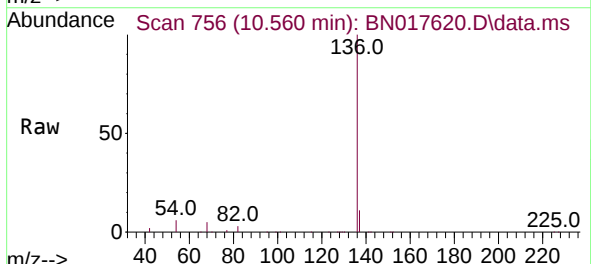
Instrument :
BNA_N
ClientSampleId :
PB141083BL

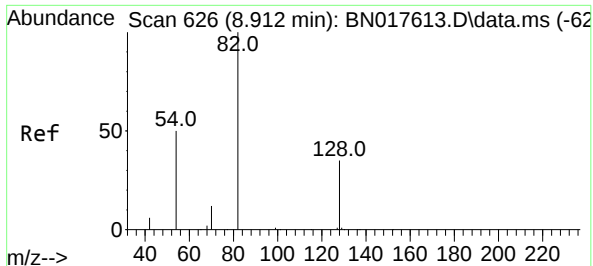
Tgt Ion: 99 Resp: 19629
Ion Ratio Lower Upper
99 100
42 19.7 17.0 25.6
71 35.0 24.8 37.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.560 min Scan# 756
Delta R.T. 0.013 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

Tgt Ion: 136 Resp: 103910
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.0 4.0 6.0#
68 5.2 3.0 4.6#

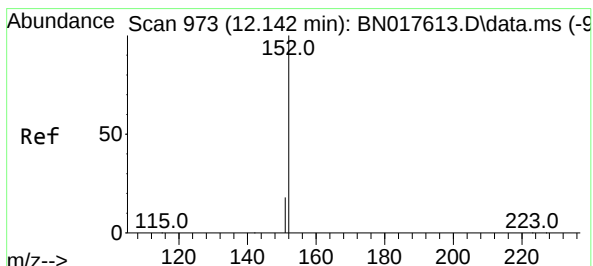
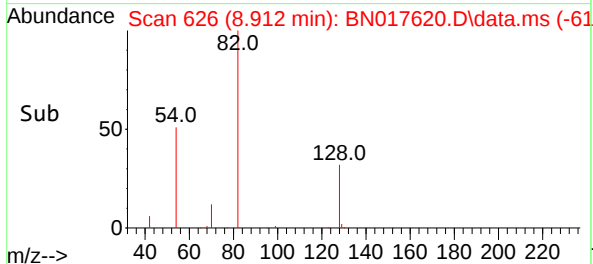
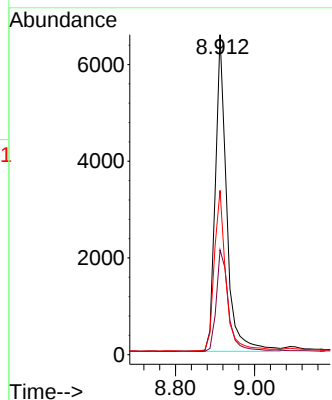
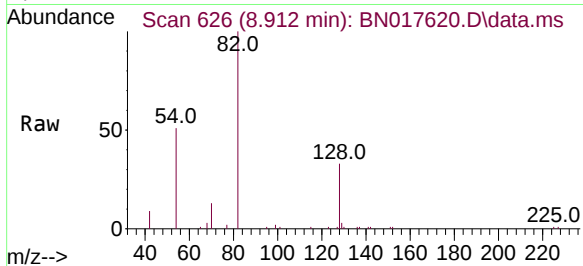




#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 8.912 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

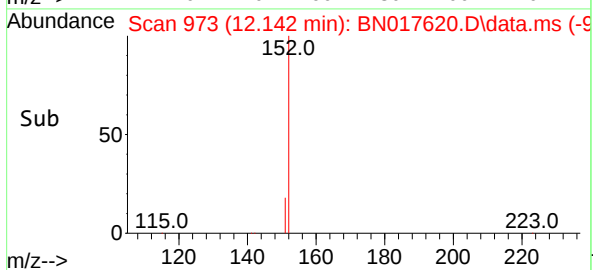
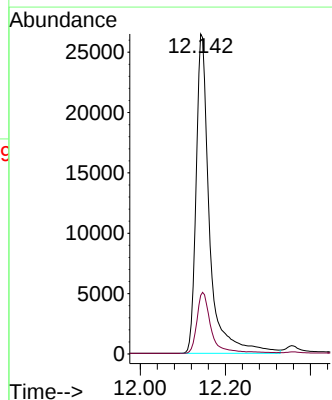
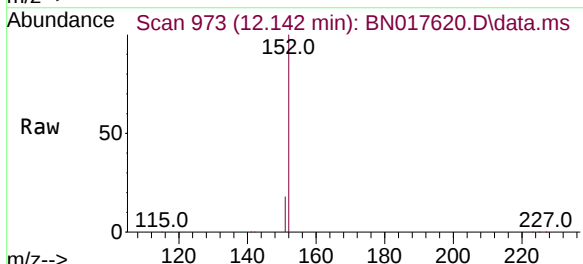
Instrument :
BNA_N
ClientSampleId :
PB141083BL

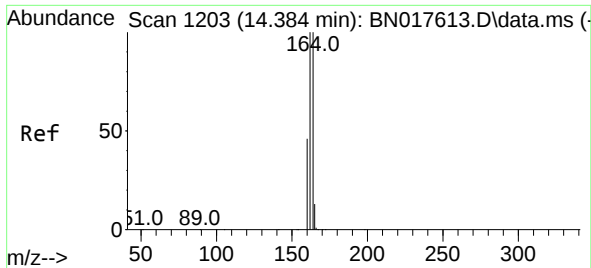
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.7	27.7	41.5
54	51.3	49.2	73.8



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.142 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

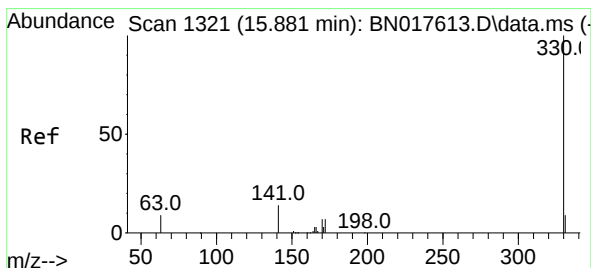
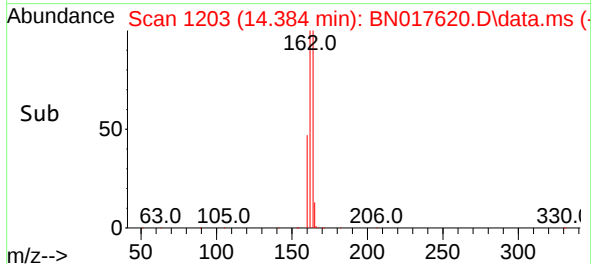
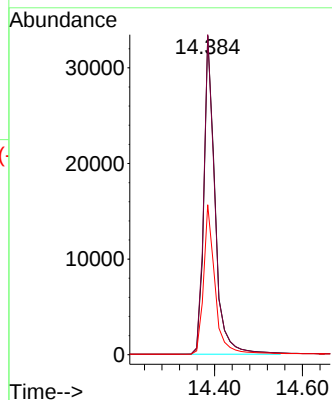
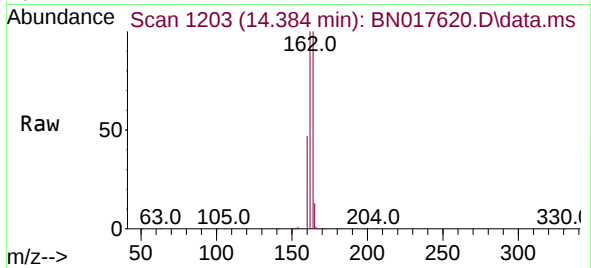




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

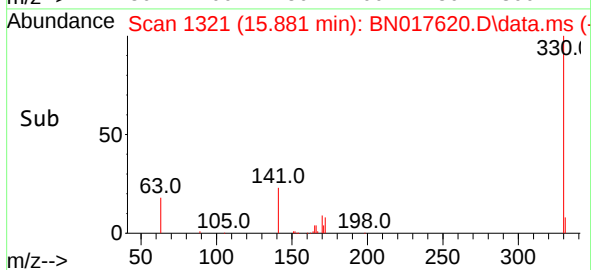
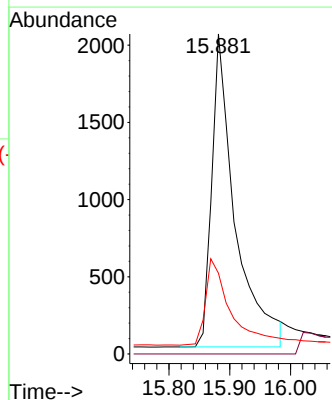
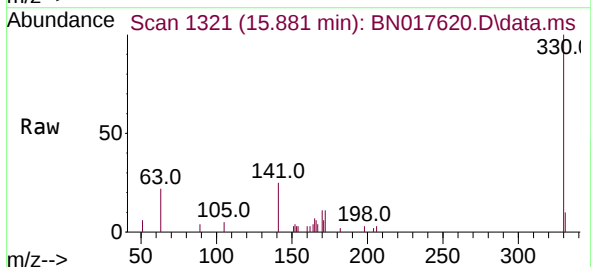
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BNA_N
ClientSampleId :
PB141083BL

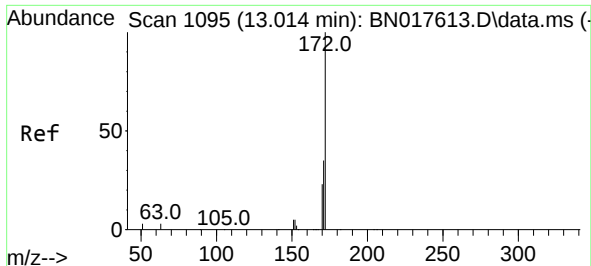
Tgt Ion:164 Resp: 58912
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.2
160 47.0 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.881 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

Tgt Ion:330 Resp: 5392
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.6 28.9 43.3

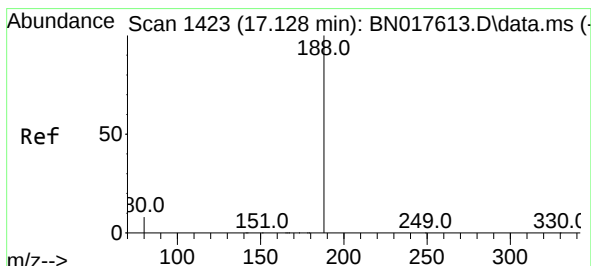
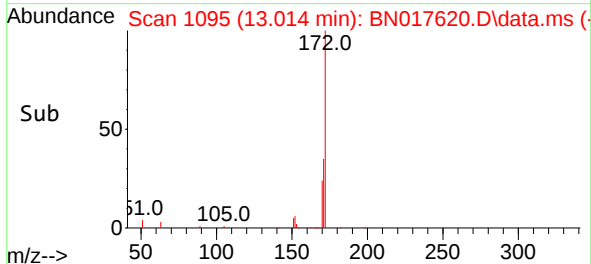
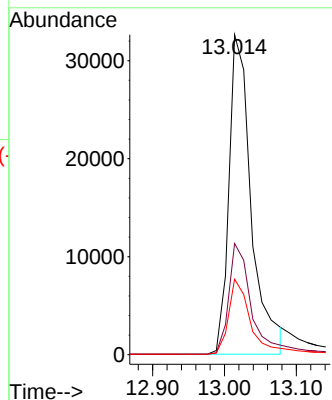
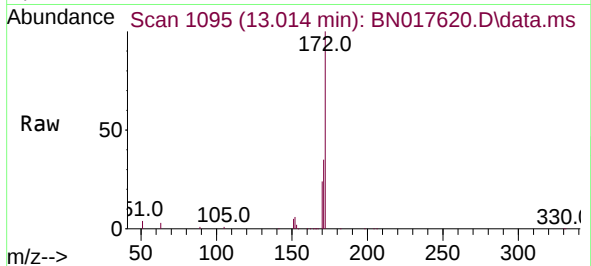




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.014 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

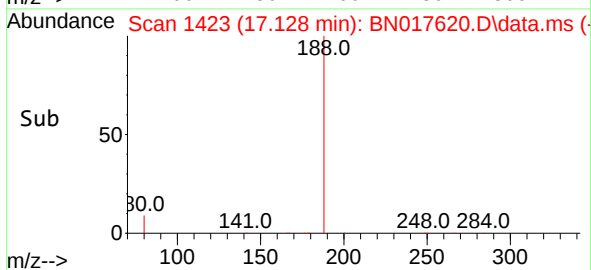
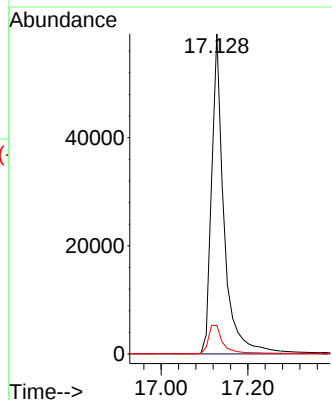
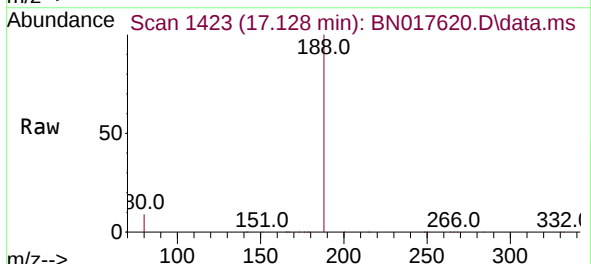
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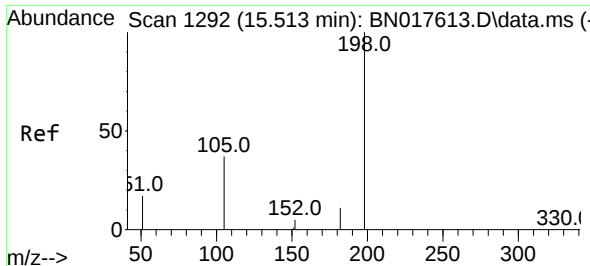
Tgt Ion:	172	Resp:	70458
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.7	43.1
170	23.6	19.4	29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.128 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

Tgt Ion:	188	Resp:	116275
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	6.1	9.1

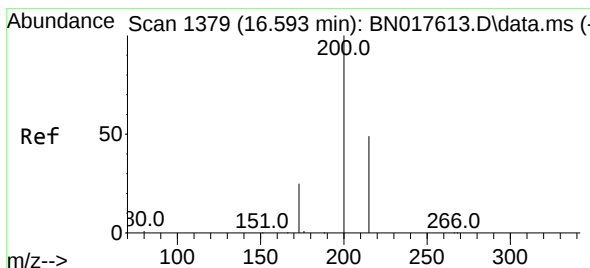
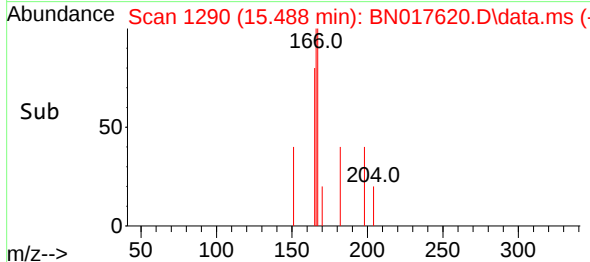
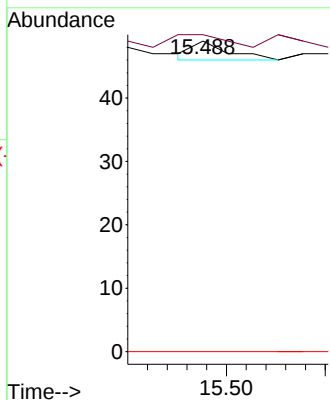
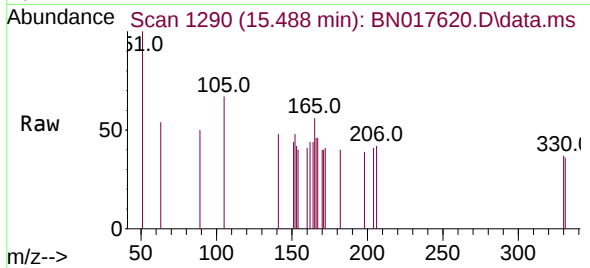




#20
4,6-Dinitro-2-methylphenol
Concen: 0.056 ng
RT: 15.488 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

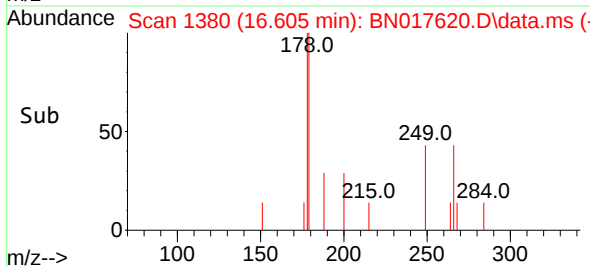
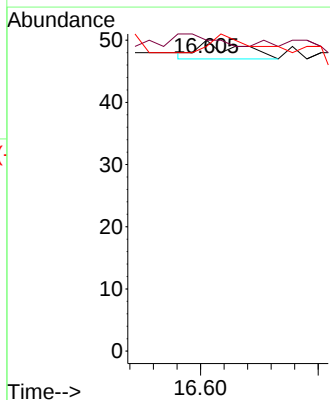
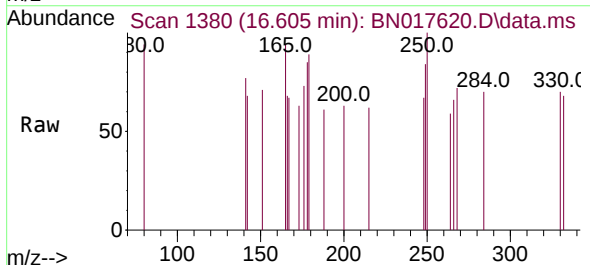
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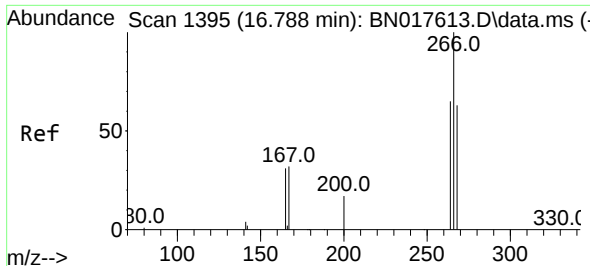
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
182 102.0 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.131 ng
RT: 16.605 min Scan# 1380
Delta R.T. 0.012 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

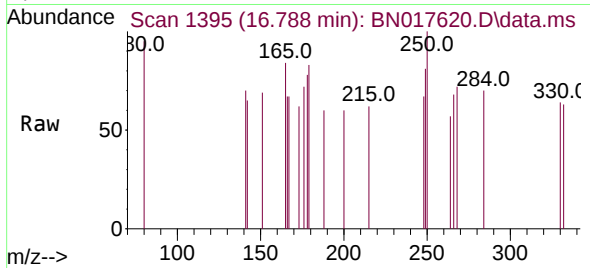
Tgt Ion:200 Resp: 7
Ion Ratio Lower Upper
200 100
173 100.0 17.6 26.4#
215 98.0 40.2 60.4#





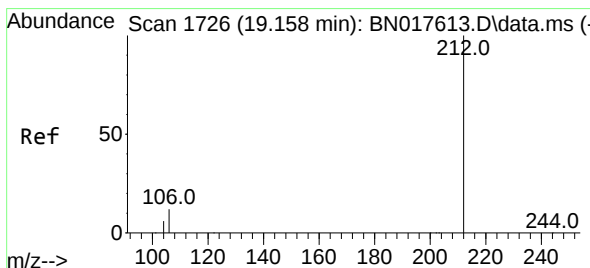
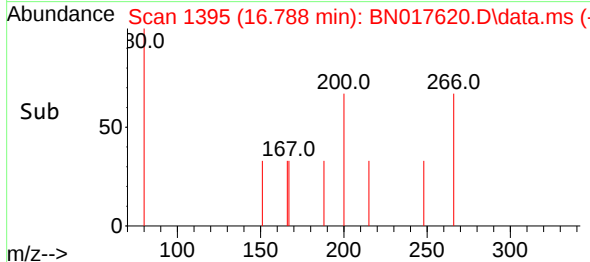
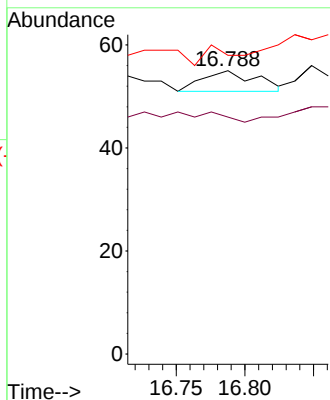
#24
 Pentachlorophenol
 Concen: 0.193 ng
 RT: 16.788 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN017620.D
 Acq: 30 Nov 2021 20:00

Instrument :
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Tgt Ion: 266 Resp: 11

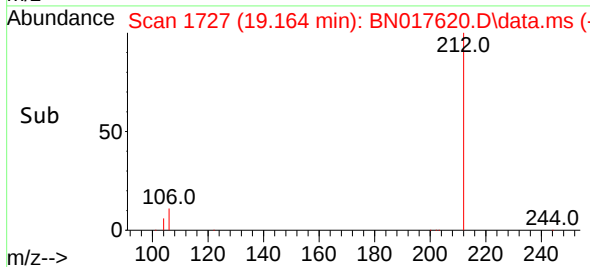
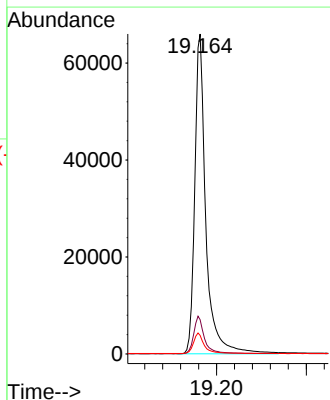
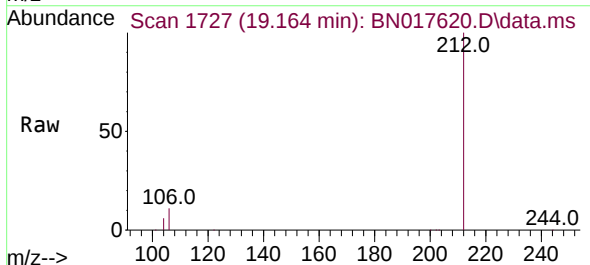
Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.8	74.8#
268	36.4	51.3	76.9#

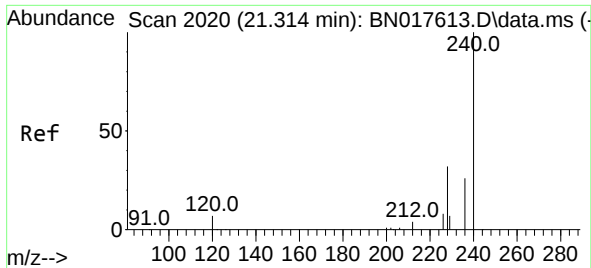


#27
 Fluoranthene-d10
 Concen: 0.313 ng
 RT: 19.164 min Scan# 1727
 Delta R.T. 0.006 min
 Lab File: BN017620.D
 Acq: 30 Nov 2021 20:00

Tgt Ion: 212 Resp: 113680

Ion	Ratio	Lower	Upper
212	100		
106	11.5	10.5	15.7
104	6.3	5.8	8.6

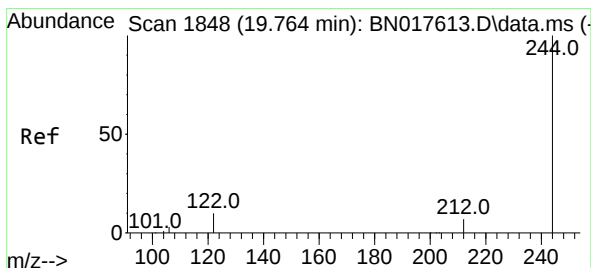
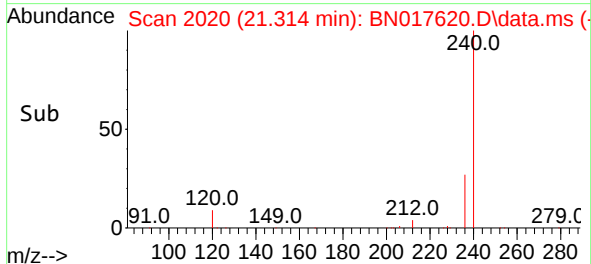
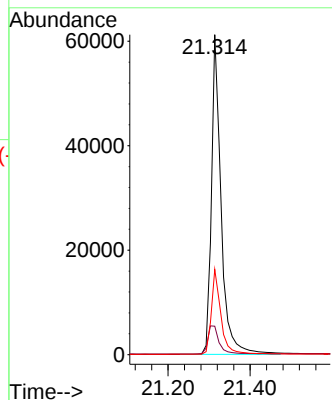
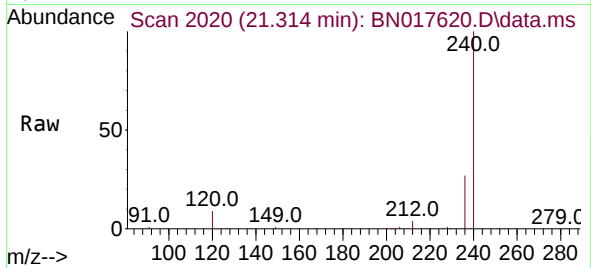




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

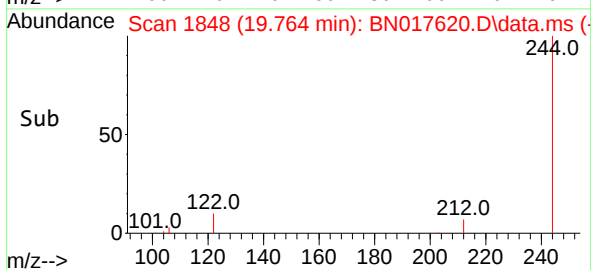
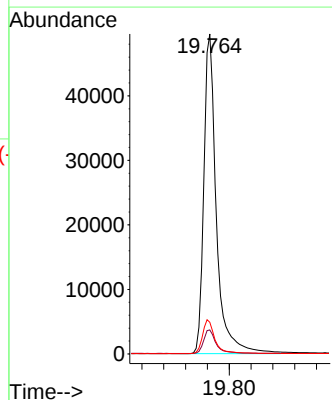
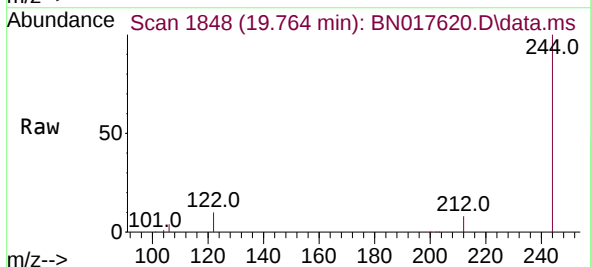
Instrument :
BNA_N
ClientSampleId :
PB141083BL

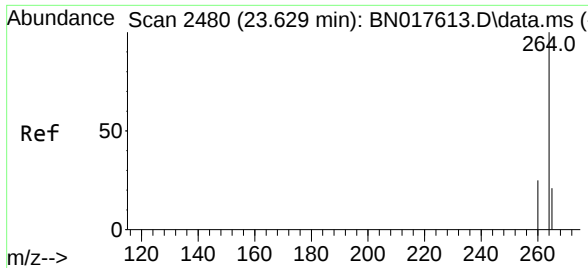
Tgt Ion:240 Resp: 100281
Ion Ratio Lower Upper
240 100
120 8.9 4.2 6.2#
236 26.7 20.0 30.0



#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.764 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BN017620.D
Acq: 30 Nov 2021 20:00

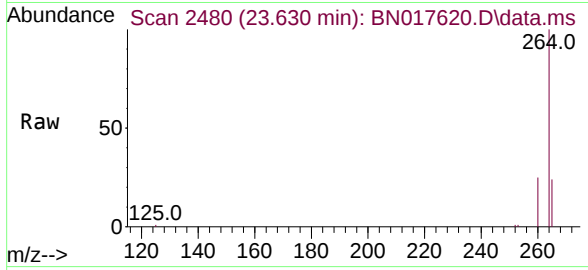
Tgt Ion:244 Resp: 79293
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.9 8.6 13.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.630 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN017620.D
 Acq: 30 Nov 2021 20:00

Instrument :
 BNA_N
 ClientSampleId :
 PB141083BL



Tgt Ion:264 Resp: 94317

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	24.1	18.6	28.0

