

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021221\
 Data File : BN013613.D
 Acq On : 12 Feb 2021 14:38
 Operator : CG/JU
 Sample : PB134610BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB134610BL

Quant Time: Feb 12 17:18:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 08 15:13:18 2021
 Response via : Initial Calibration

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

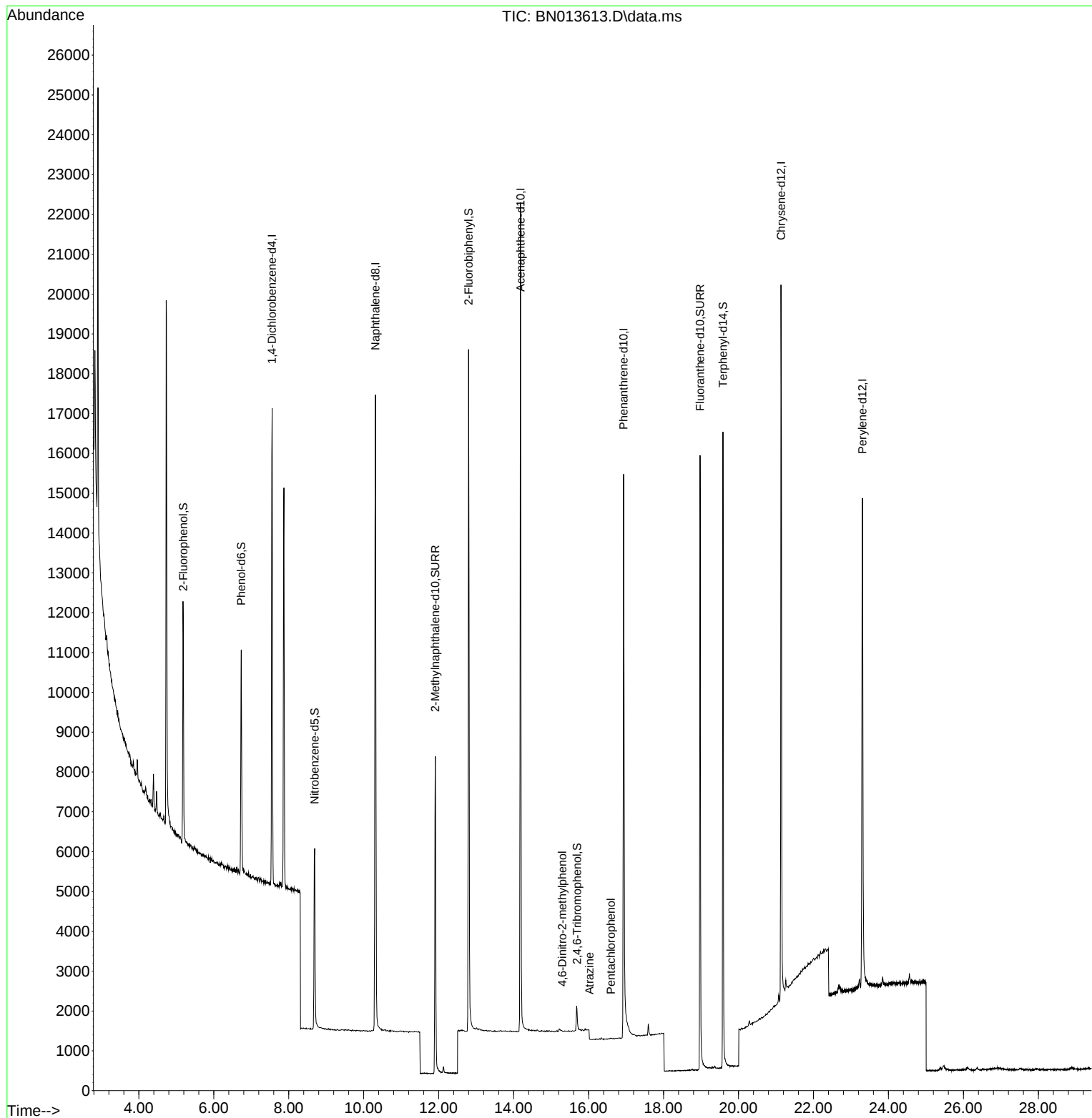
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	6003	0.40	ng	0.00
7) Naphthalene-d8	10.315	136	23099	0.40	ng	# 0.00
13) Acenaphthene-d10	14.181	164	11884	0.40	ng	0.00
19) Phenanthrene-d10	16.934	188	23715	0.40	ng	0.00
29) Chrysene-d12	21.133	240	19105	0.40	ng	0.00
36) Perylene-d12	23.304	264	17767	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.188	112	4857	0.37	ng	0.00
5) Phenol-d6	6.734	99	5469	0.34	ng	0.00
8) Nitrobenzene-d5	8.693	82	4384	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.911	152	11696	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	617	0.18	ng	0.01
15) 2-Fluorobiphenyl	12.798	172	16000	0.36	ng	0.00
27) Fluoranthene-d10	18.975	212	18884	0.30	ng	0.00
31) Terphenyl-d14	19.586	244	16976	0.40	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.298	198	4	0.15	ng	# 1
23) Atrazine	16.021	200	241	0.03	ng	# 4
24) Pentachlorophenol	16.593	266	36	0.21	ng	# 60

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

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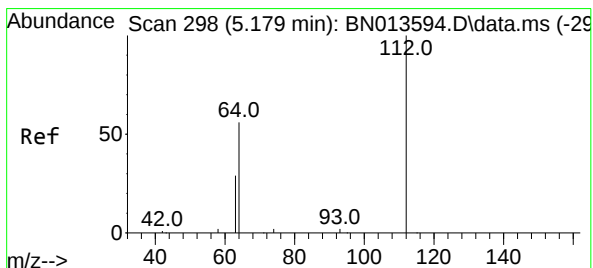
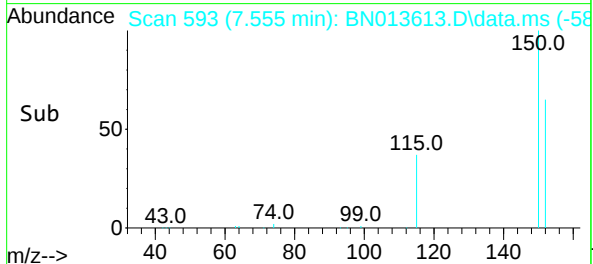
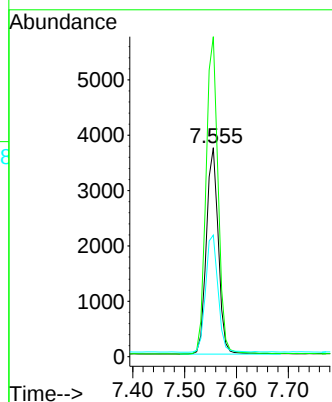
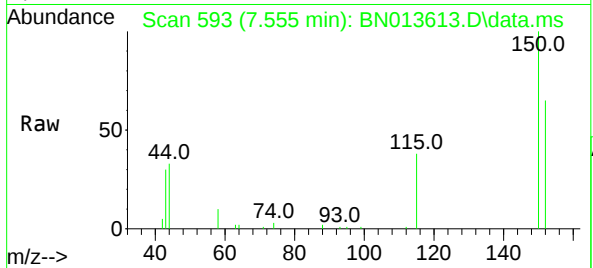




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.555 min Scan# 593
Delta R.T. 0.000 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

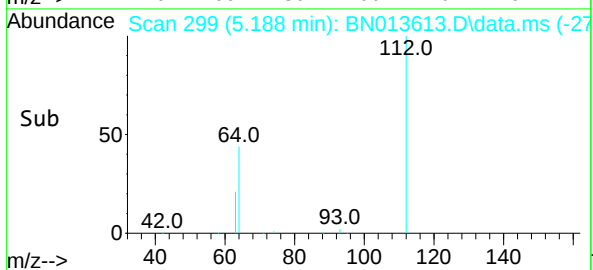
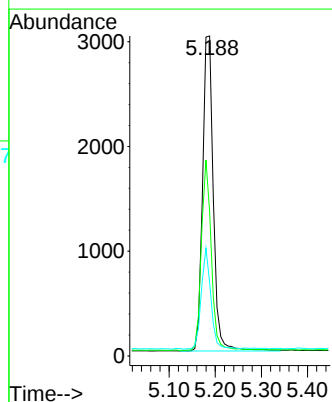
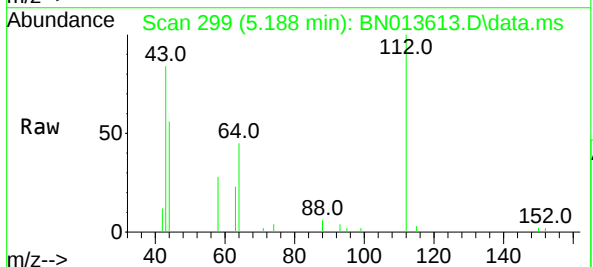
Instrument :
BNA_N
ClientSampleId :
PB134610BL

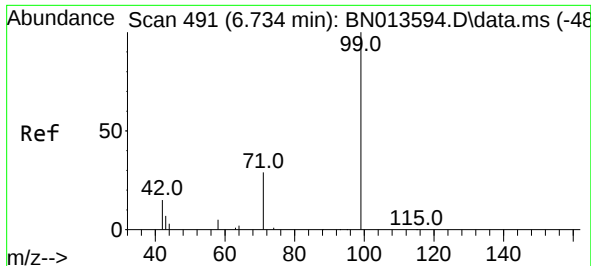
Tgt Ion:152 Resp: 6003
Ion Ratio Lower Upper
152 100
150 153.1 121.8 182.8
115 58.2 46.6 69.8



#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

Tgt Ion:112 Resp: 4857
Ion Ratio Lower Upper
112 100
64 56.2 44.3 66.5
63 28.5 23.0 34.6

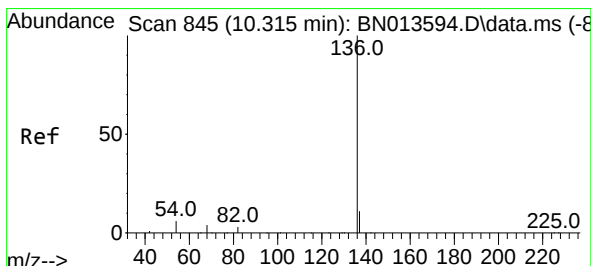
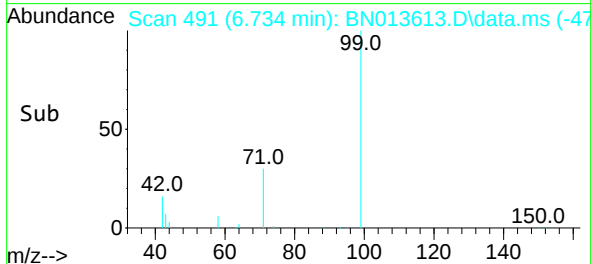
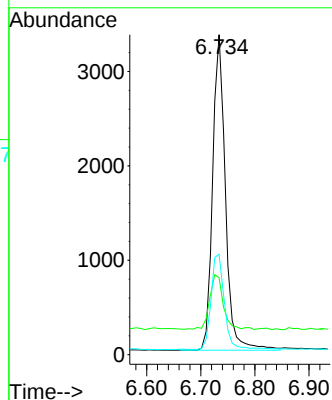
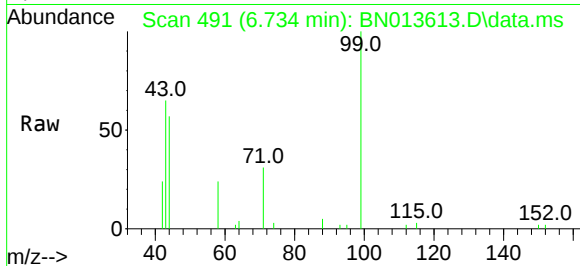




#5
Phenol-d6
Concen: 0.34 ng
RT: 6.734 min Scan# 491
Delta R.T. 0.000 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

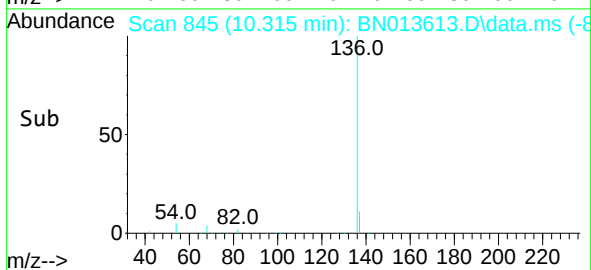
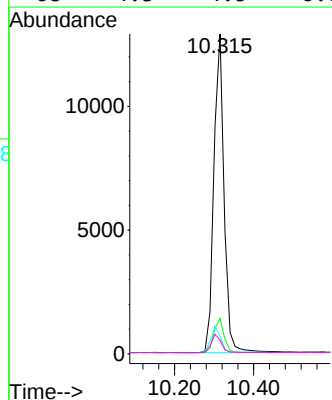
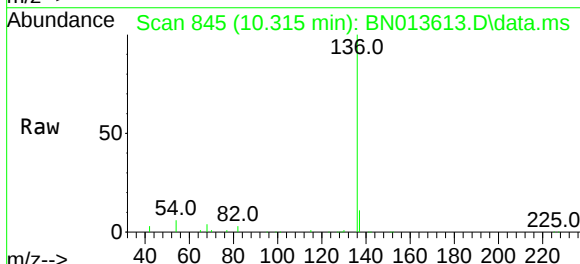
Instrument :
BNA_N
ClientSampleId :
PB134610BL

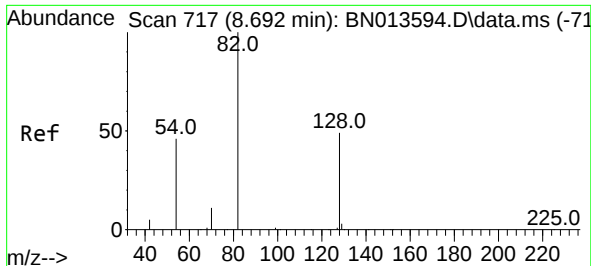
Tgt Ion:	99	Resp:	5469
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.2	22.8
71	31.5	26.1	39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

Tgt Ion:	136	Resp:	23099
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.6	6.4	9.6#
68	4.3	4.5	6.7#

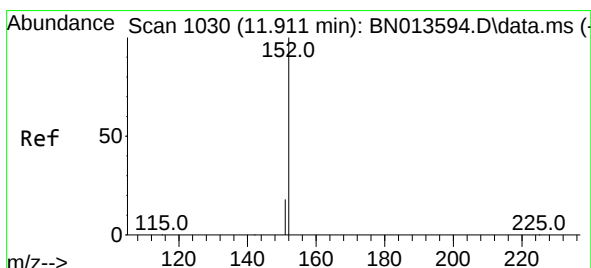
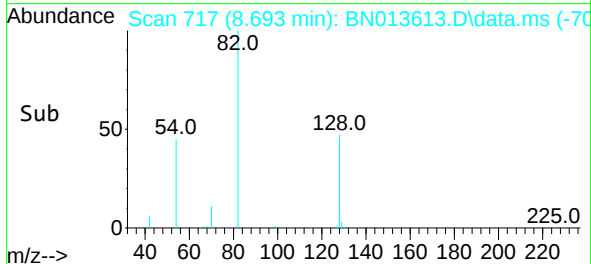
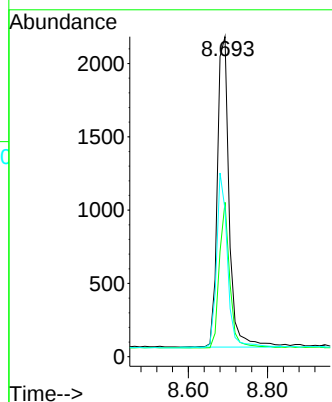
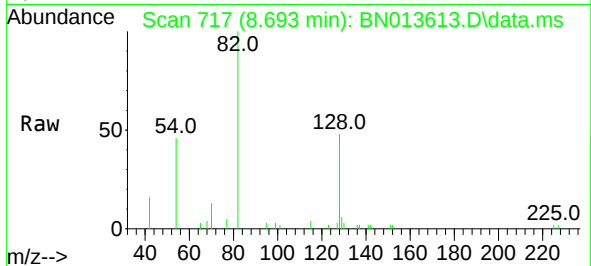




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.693 min Scan# 717
Delta R.T. 0.000 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

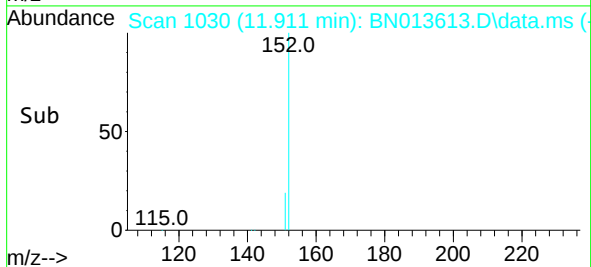
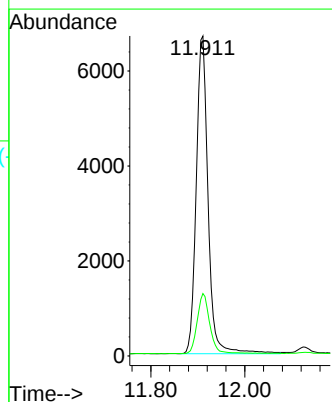
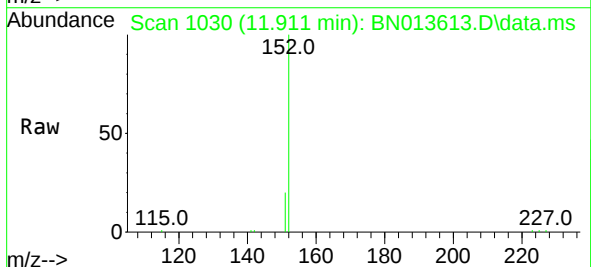
Instrument :
BNA_N
ClientSampleId :
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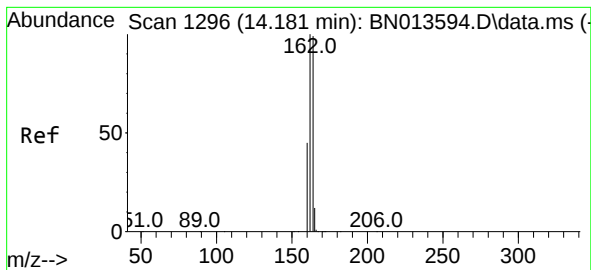
Tgt Ion: 82 Resp: 4384
Ion Ratio Lower Upper
82 100
128 48.3 39.2 58.8
54 46.0 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 11.911 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

Tgt Ion: 152 Resp: 11696
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2

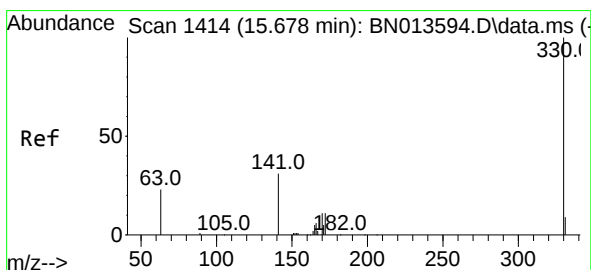
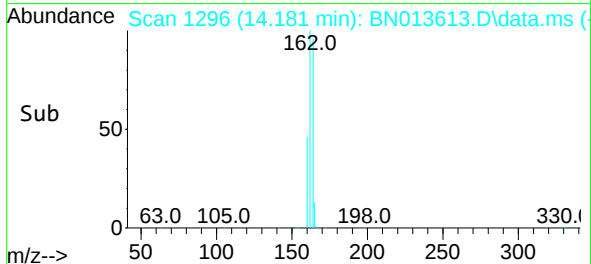
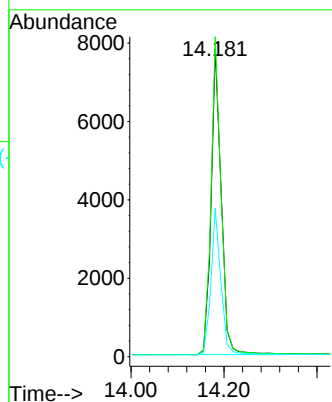
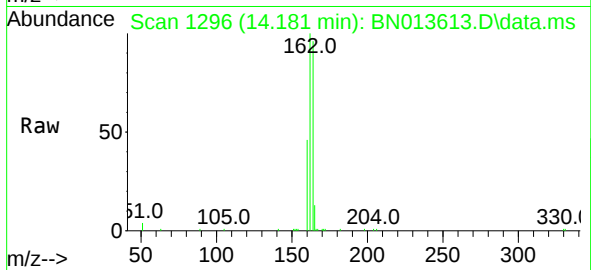




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

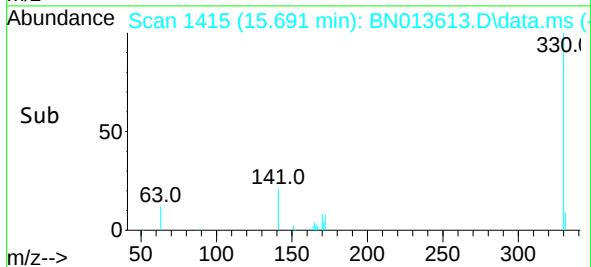
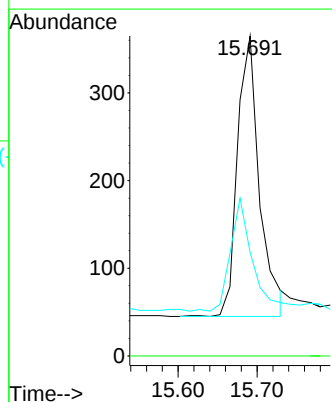
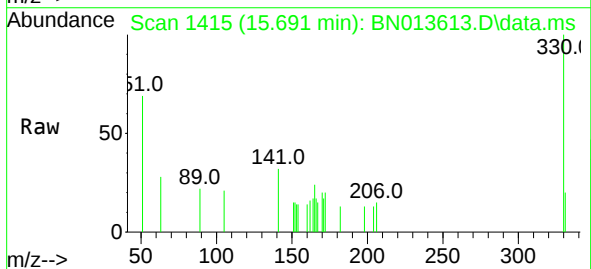
Instrument :
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ClientSampleId :
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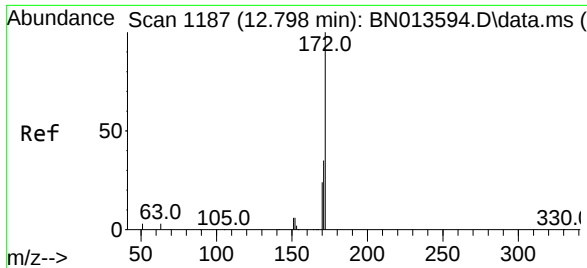
Tgt Ion:164 Resp: 11884
Ion Ratio Lower Upper
164 100
162 103.9 79.6 119.4
160 48.2 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.691 min Scan# 1415
Delta R.T. 0.013 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

Tgt Ion:330 Resp: 617
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.7 26.8 40.2

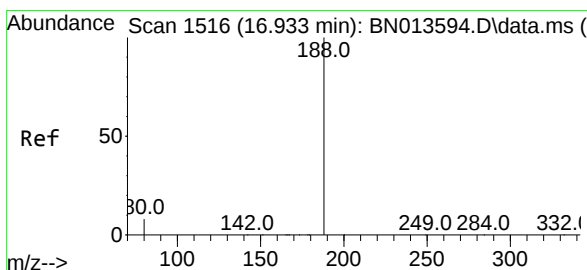
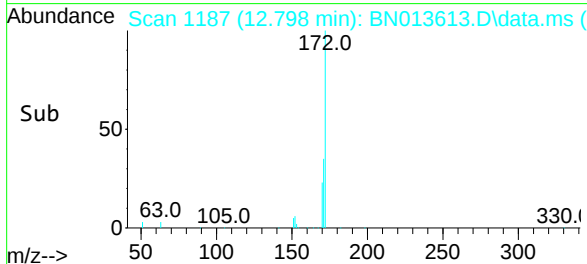
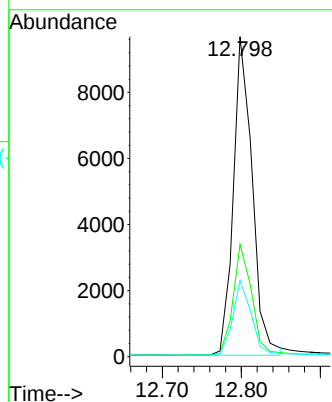
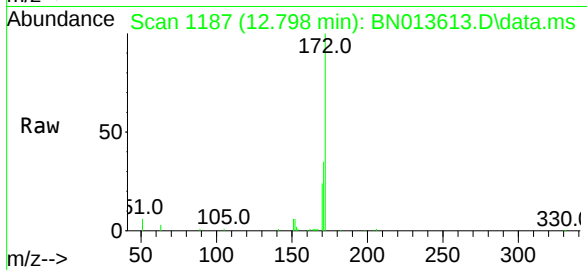




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

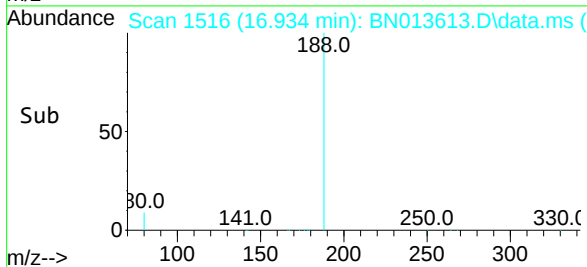
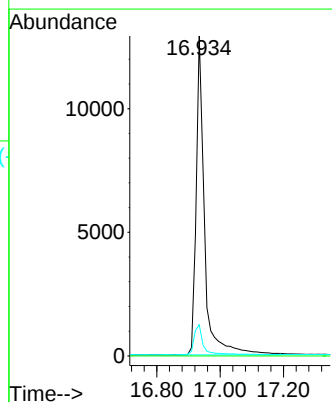
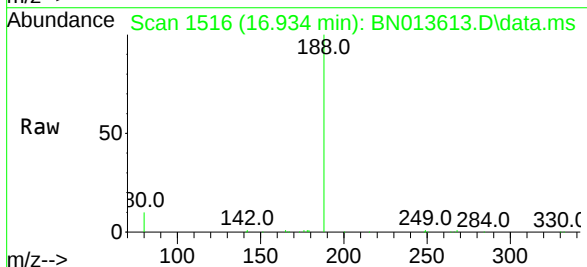
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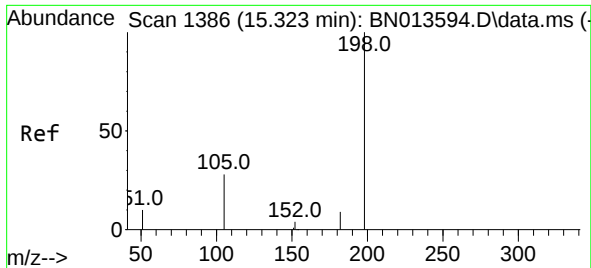
Tgt Ion:	172	Resp:	16000
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	42.8
170	23.8	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

Tgt Ion:	188	Resp:	23715
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.7	9.0	13.6

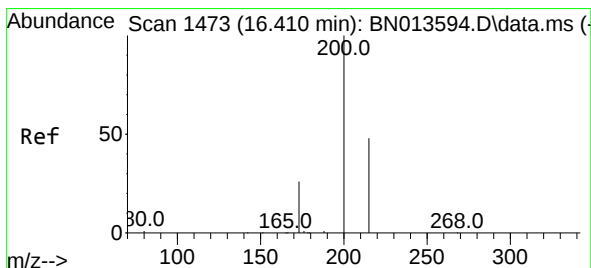
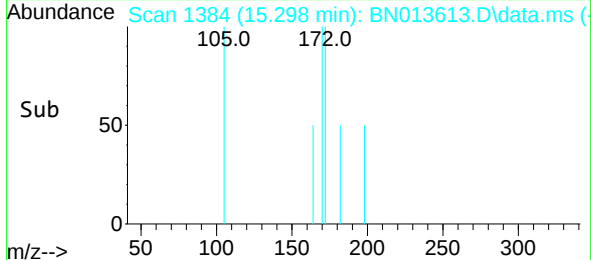
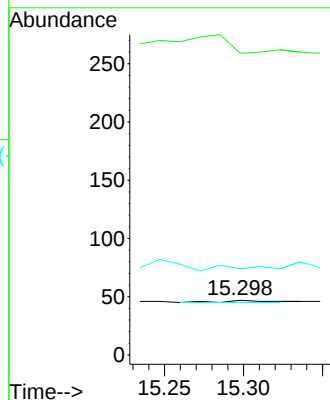
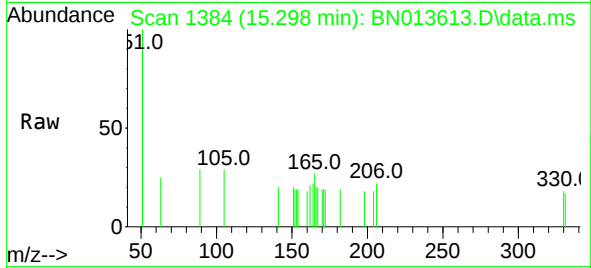




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.298 min Scan# 1384
Delta R.T. -0.025 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

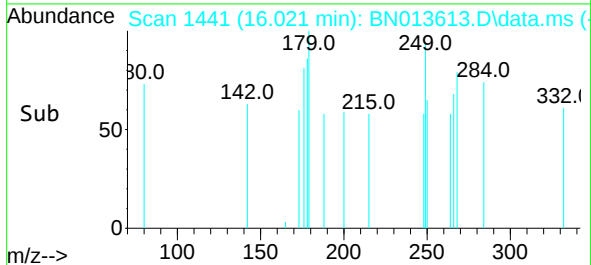
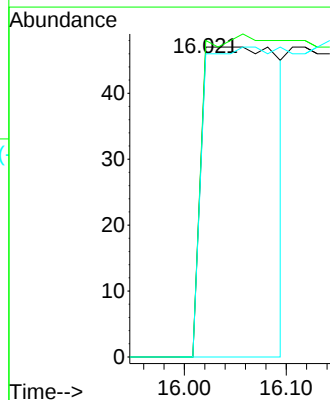
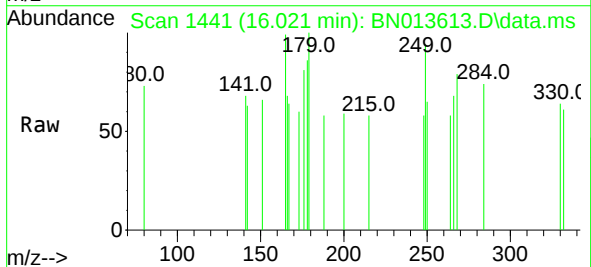
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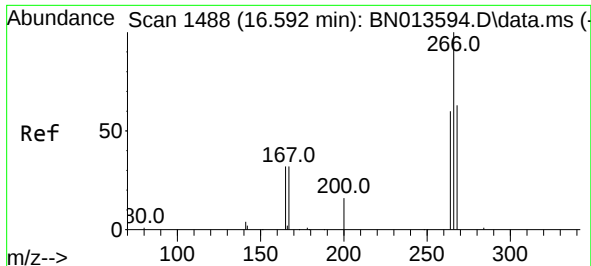
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 551.1 61.7 92.5#
105 157.4 33.0 49.6#



#23
Atrazine
Concen: 0.03 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.389 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

Tgt Ion:200 Resp: 241
Ion Ratio Lower Upper
200 100
173 102.1 18.6 28.0#
215 97.9 41.0 61.6#

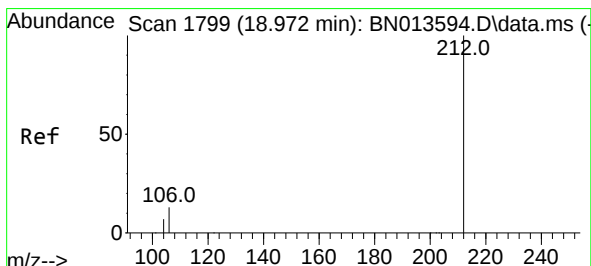
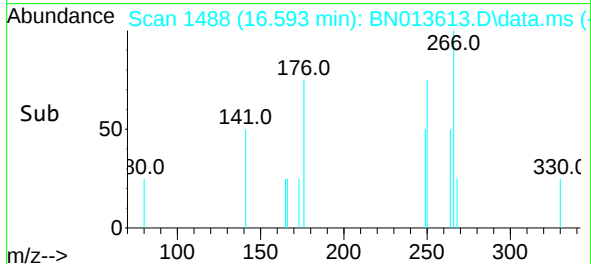
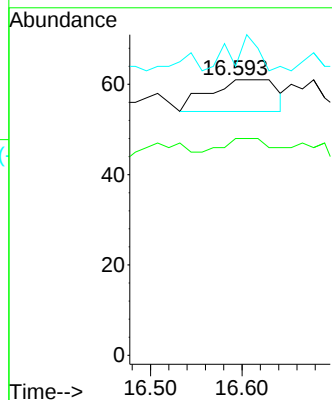
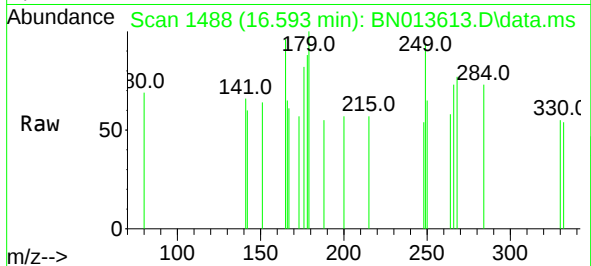




#24
Pentachlorophenol
Concen: 0.21 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

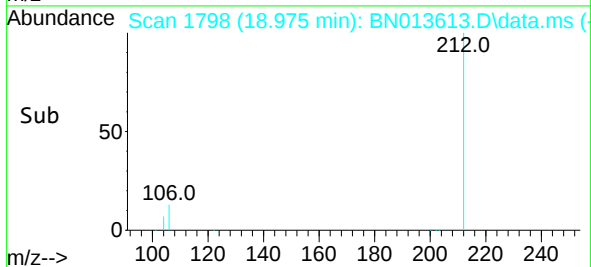
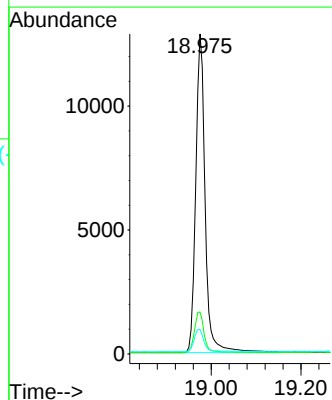
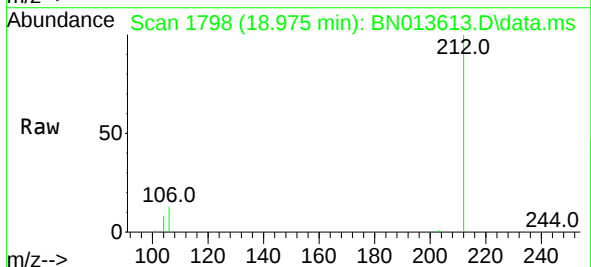
Instrument :
BNA_N
ClientSampleId :
PB134610BL

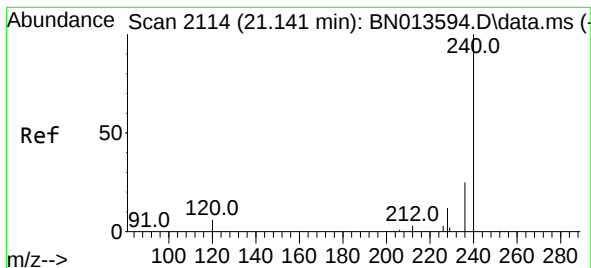
Tgt Ion:266 Resp: 36
Ion Ratio Lower Upper
266 100
264 25.0 51.6 77.4#
268 44.4 54.6 82.0#



#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

Tgt Ion:212 Resp: 18884
Ion Ratio Lower Upper
212 100
106 13.1 9.7 14.5
104 7.2 5.5 8.3





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.133 min Scan# 2112

Delta R.T. -0.008 min

Lab File: BN013613.D

Acq: 12 Feb 2021 14:38

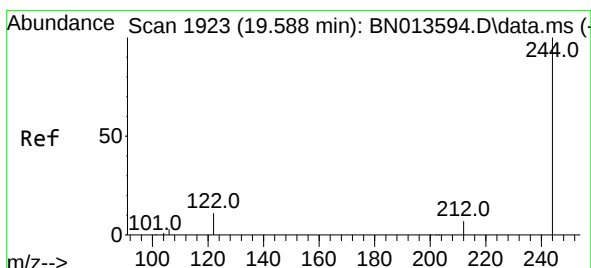
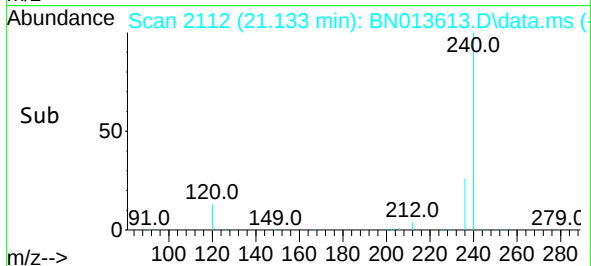
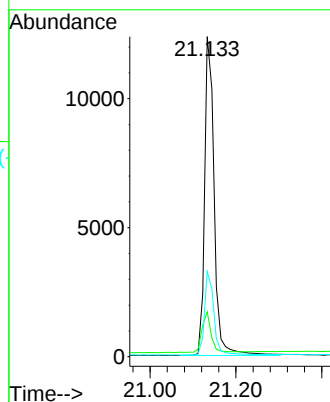
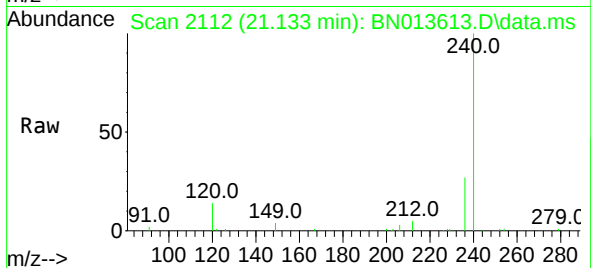
Instrument :

BNA_N

ClientSampleId :

PB134610BL

Tgt Ion:240	Resp:	19105
Ion Ratio	Lower	Upper
240	100	
120	14.0	10.2 15.4
236	26.6	21.3 31.9



#31

Terphenyl-d14

Concen: 0.40 ng

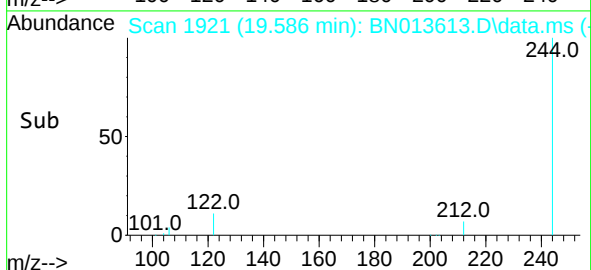
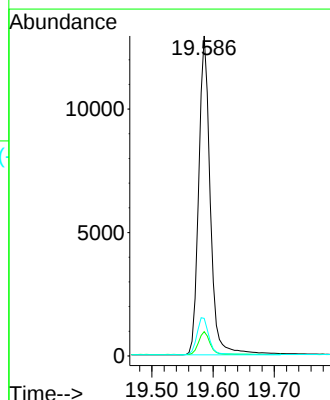
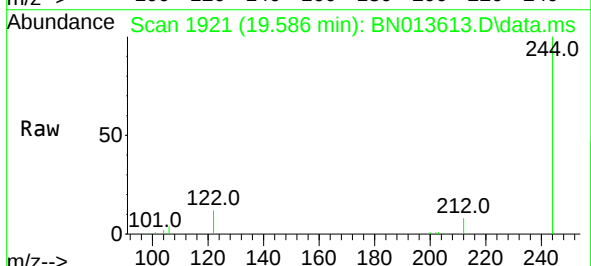
RT: 19.586 min Scan# 1921

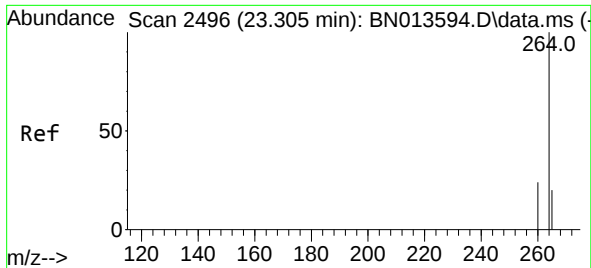
Delta R.T. -0.002 min

Lab File: BN013613.D

Acq: 12 Feb 2021 14:38

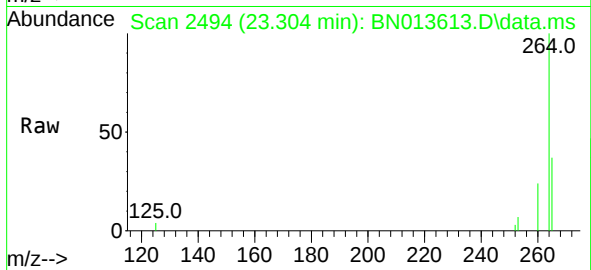
Tgt Ion:244	Resp:	16976
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.1 9.1
122	11.8	9.8 14.8





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.304 min Scan# 2494
Delta R.T. -0.001 min
Lab File: BN013613.D
Acq: 12 Feb 2021 14:38

Instrument :
BNA_N
ClientSampleId :
PB134610BL



Tgt Ion:264 Resp: 17767
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 37.1 66.2 99.4#

