

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032521\
 Data File : BN014111.D
 Acq On : 25 Mar 2021 18:01
 Operator : CG/JU
 Sample : M1788-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20210322

Quant Time: Mar 25 18:31:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 11:06:27 2021
 Response via : Initial Calibration

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

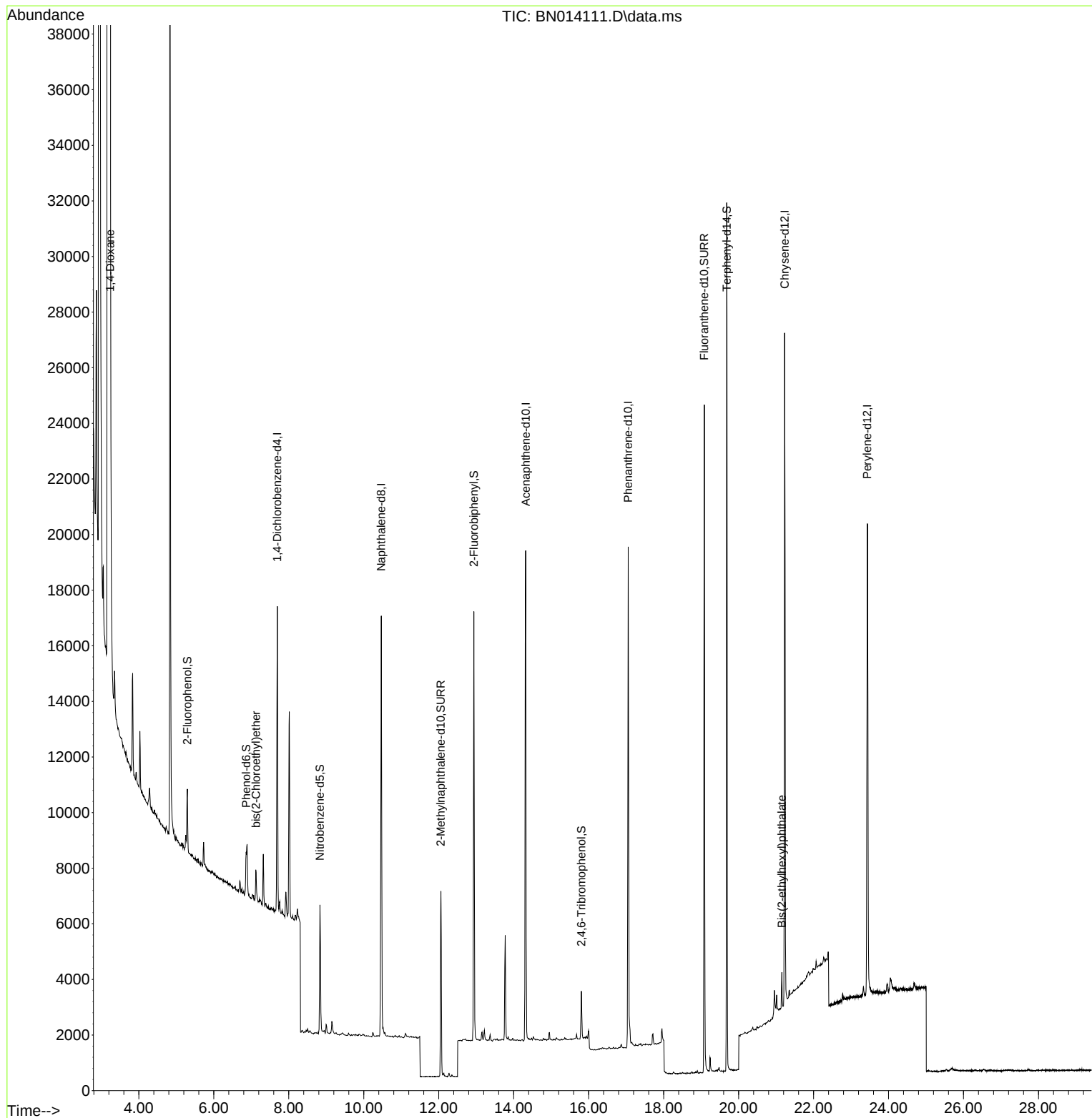
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	4930	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19119	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11059	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	23344	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	22644	0.40	ng	-0.01
36) Perylene-d12	23.434	264	22633	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1743	0.15	ng	0.00
5) Phenol-d6	6.863	99	1247	0.09	ng	0.00
8) Nitrobenzene-d5	8.832	82	3736	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	9042	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1266	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	12832	0.31	ng	-0.01
27) Fluoranthene-d10	19.084	212	27088	0.42	ng	0.00
31) Terphenyl-d14	19.685	244	30503	0.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	25639	3.95	ng	# 94
6) bis(2-Chloroethyl)ether	7.129	93	877	0.07	ng	91
34) Bis(2-ethylhexyl)phtha...	21.154	149	1371	0.06	ng	# 95

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

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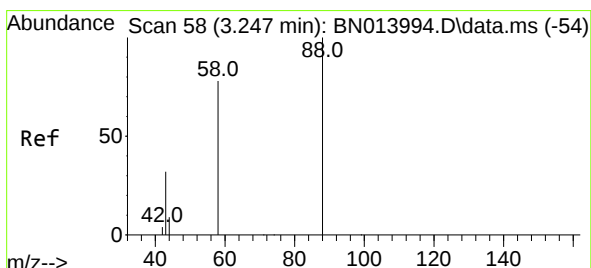
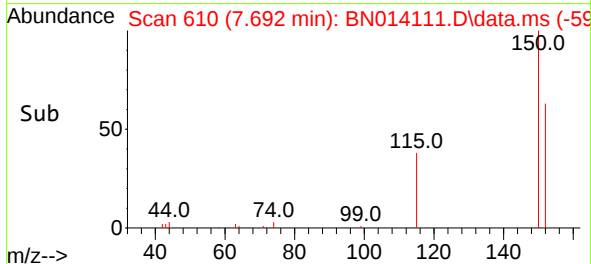
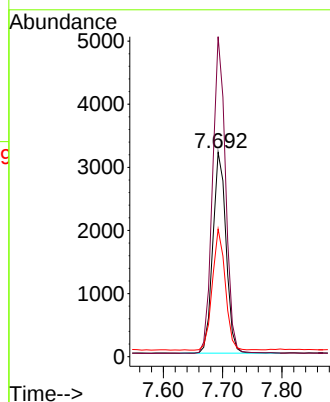
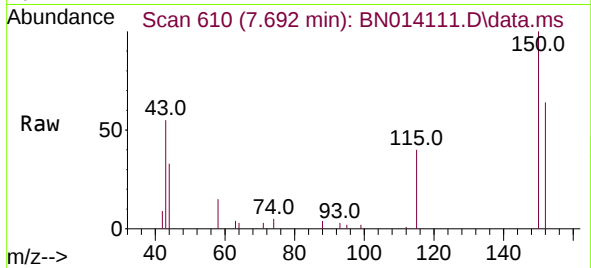




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014111.D
 Acq: 25 Mar 2021 18:01

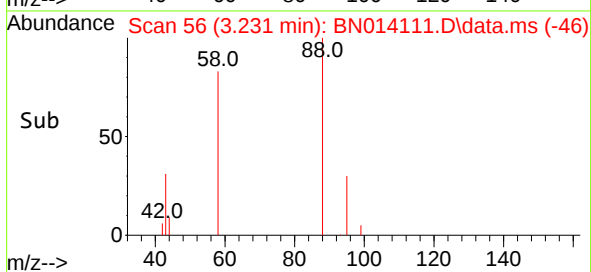
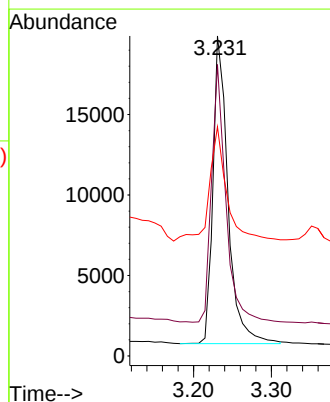
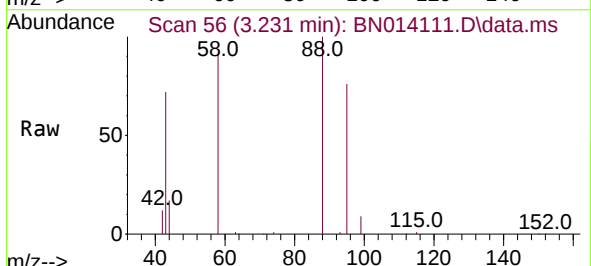
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20210322

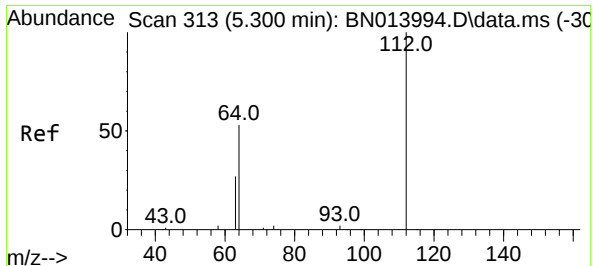
Tgt Ion:152 Resp: 4930
 Ion Ratio Lower Upper
 152 100
 150 156.6 121.8 182.8
 115 62.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 3.95 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014111.D
 Acq: 25 Mar 2021 18:01

Tgt Ion: 88 Resp: 25639
 Ion Ratio Lower Upper
 88 100
 58 79.2 64.6 96.8
 43 42.7 26.6 40.0#

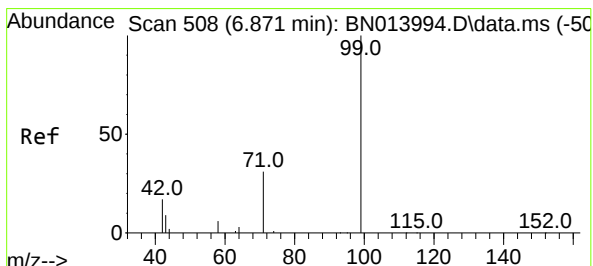
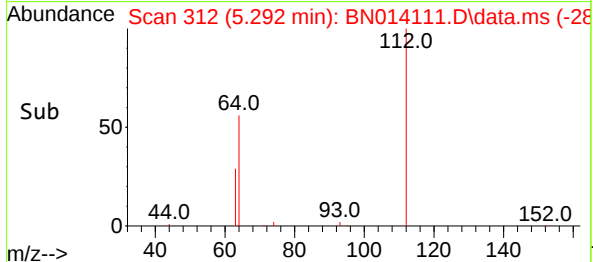
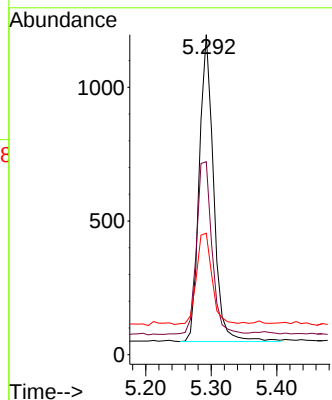
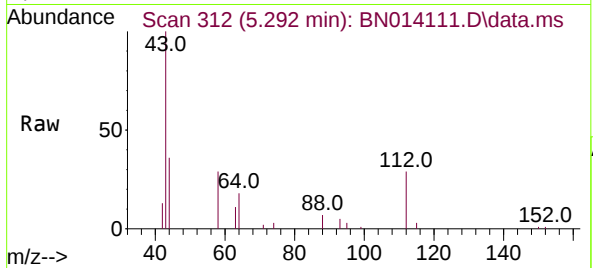




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

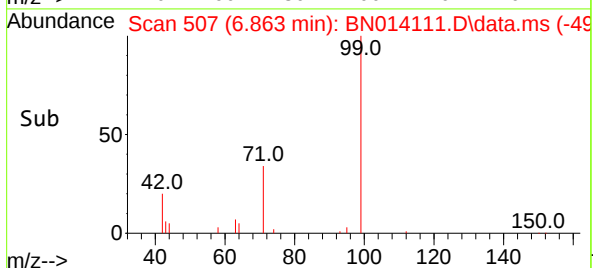
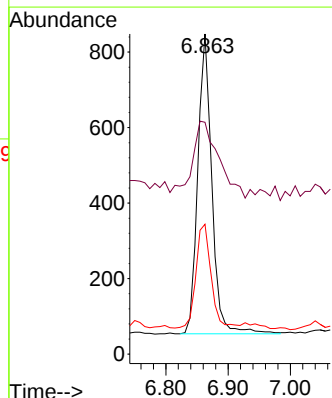
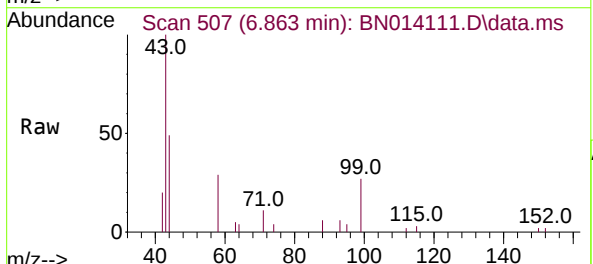
Instrument :
BNA_N
ClientSampleId :
DUP04-20210322

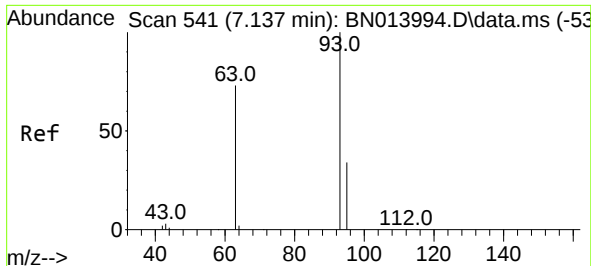
Tgt Ion: 112 Resp: 1743
Ion Ratio Lower Upper
112 100
64 60.6 44.3 66.5
63 32.4 23.0 34.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

Tgt Ion: 99 Resp: 1247
Ion Ratio Lower Upper
99 100
42 46.1 15.2 22.8#
71 37.6 26.1 39.1

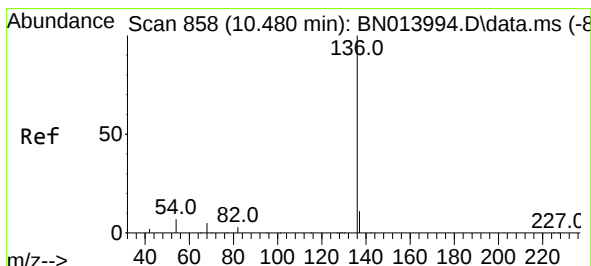
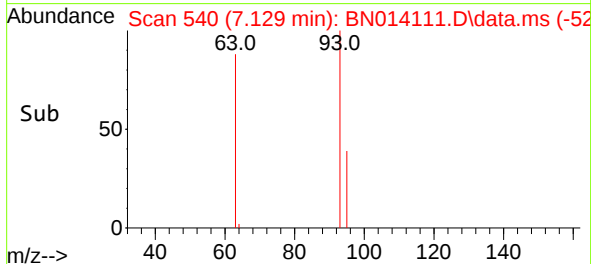
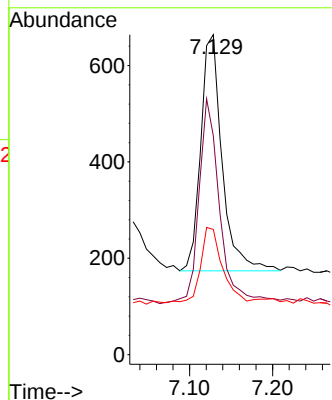
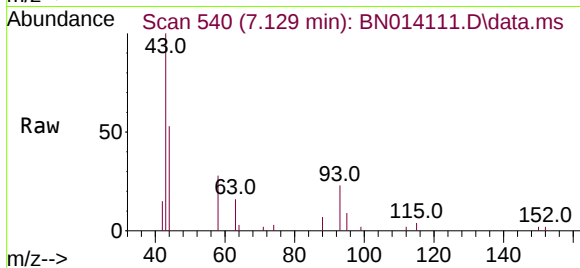




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.129 min Scan# 540
Delta R.T. 0.001 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

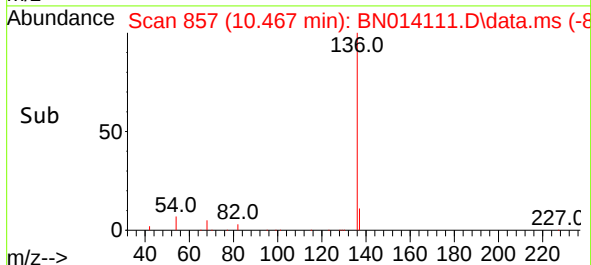
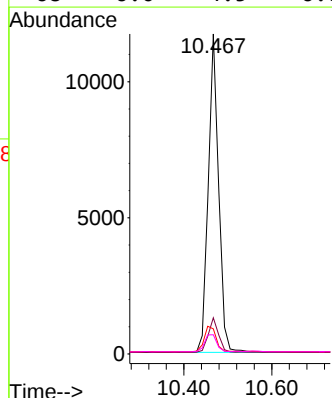
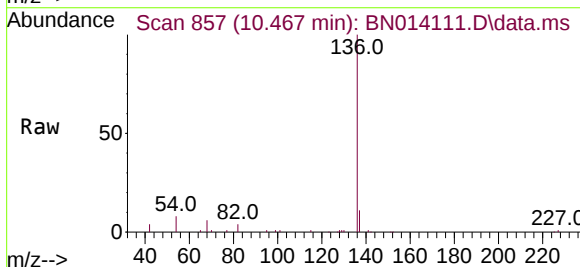
Instrument :
BNA_N
ClientSampleId :
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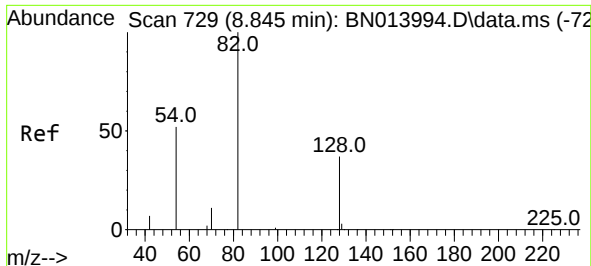
Tgt Ion:	93	Resp:	877
Ion	Ratio	Lower	Upper
93	100		
63	85.6	60.8	91.2
95	34.8	26.0	39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

Tgt Ion:	136	Resp:	19119
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.8	6.4	9.6
68	6.0	4.5	6.7

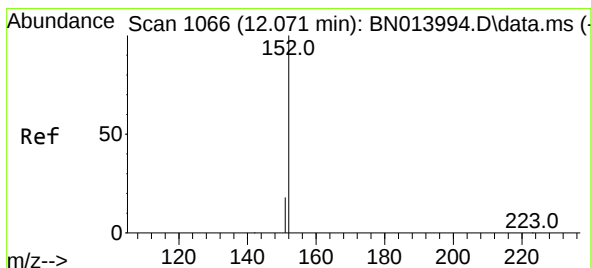
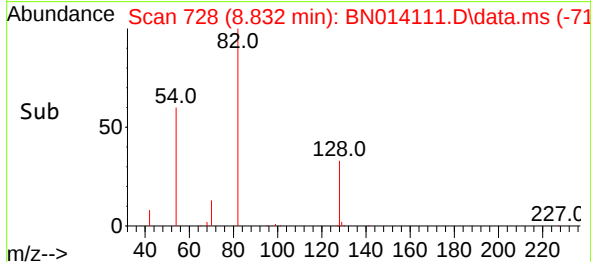
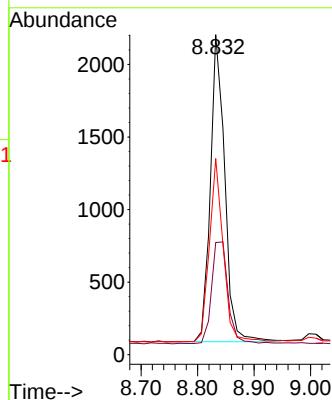
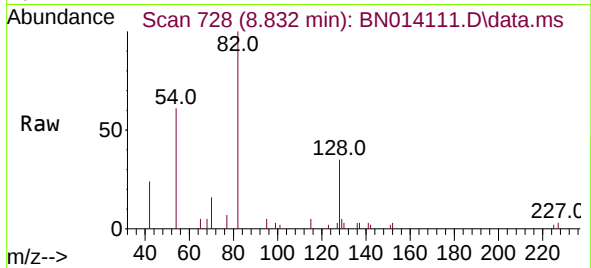




#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

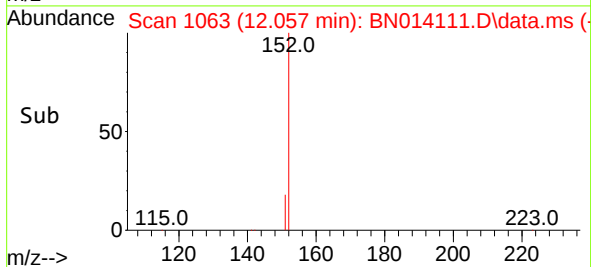
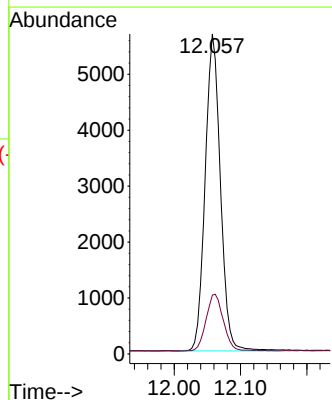
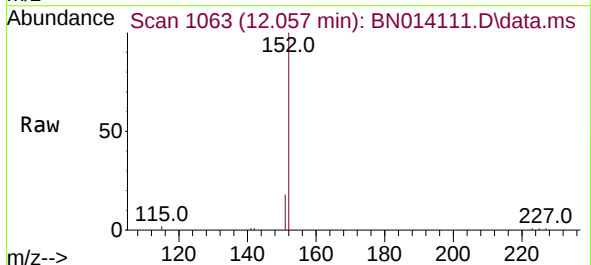
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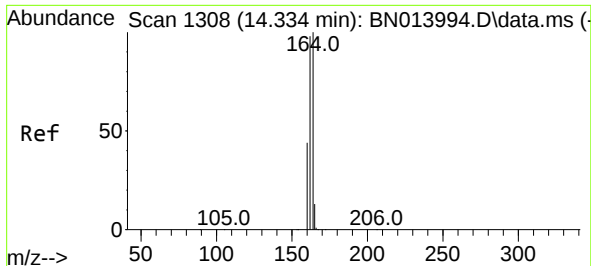
Tgt Ion: 82 Resp: 3736
Ion Ratio Lower Upper
82 100
128 35.1 39.2 58.8#
54 61.3 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.008 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

Tgt Ion: 152 Resp: 9042
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

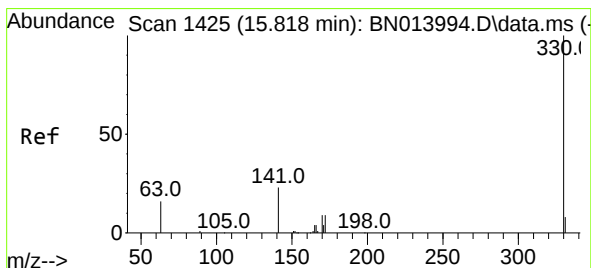
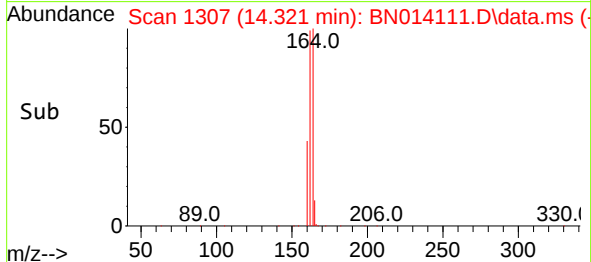
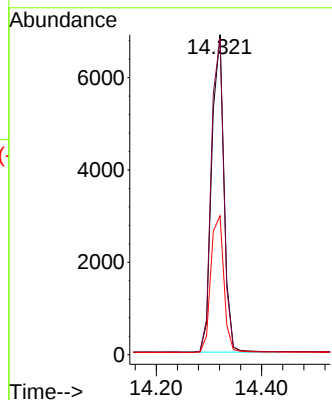
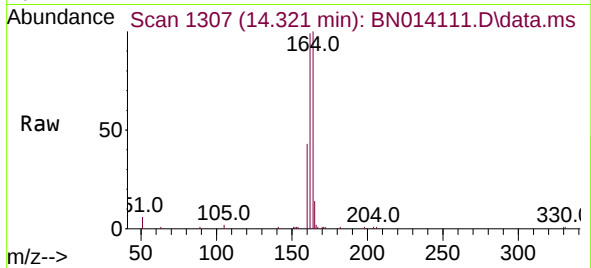




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.001 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

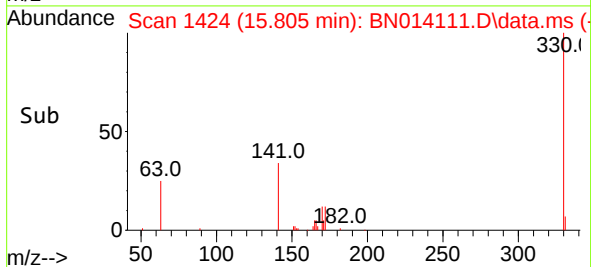
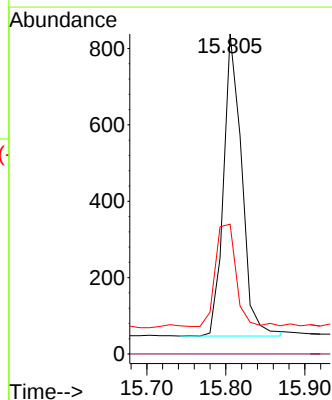
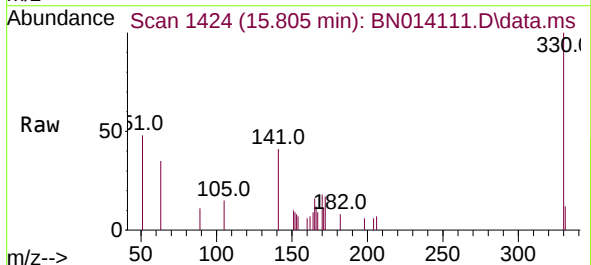
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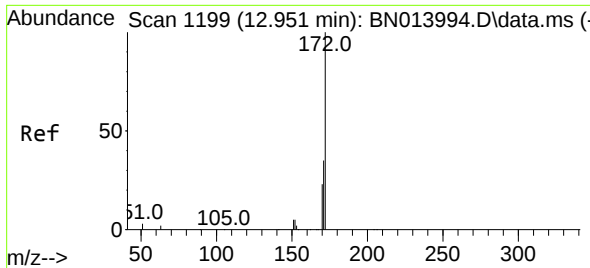
Tgt Ion:164 Resp: 11059
Ion Ratio Lower Upper
164 100
162 98.8 79.6 119.4
160 43.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

Tgt Ion:330 Resp: 1266
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.7 26.8 40.2

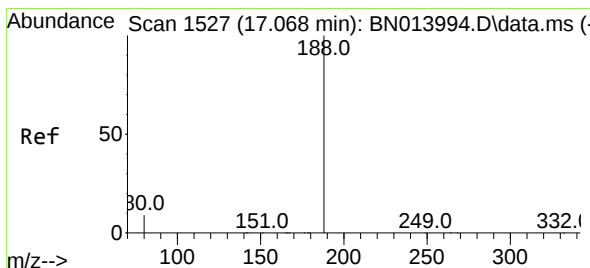
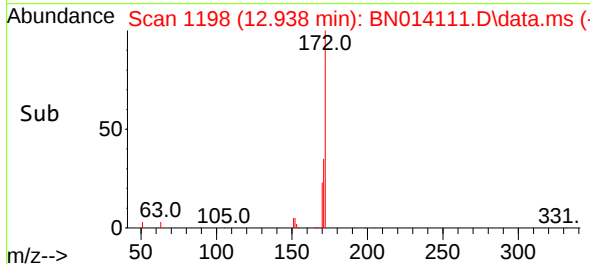
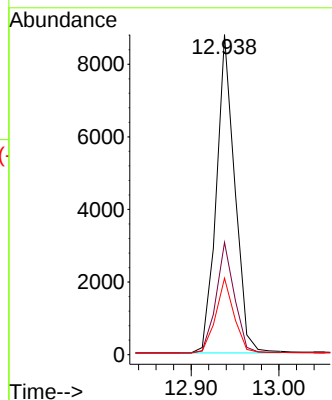
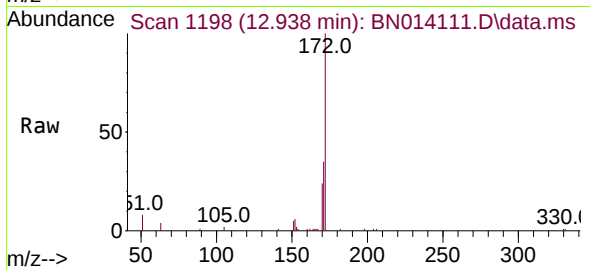




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

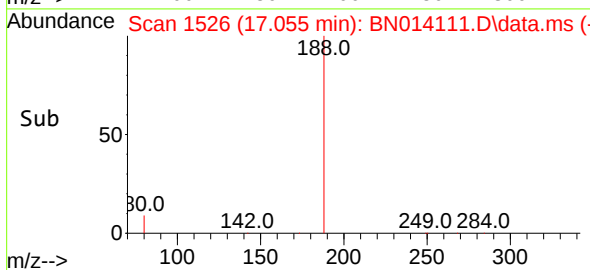
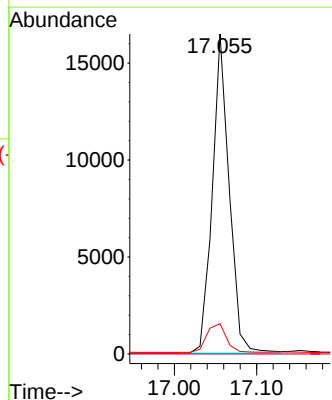
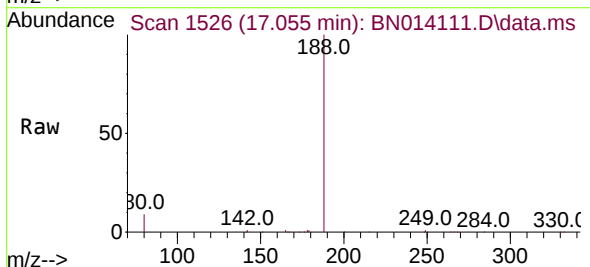
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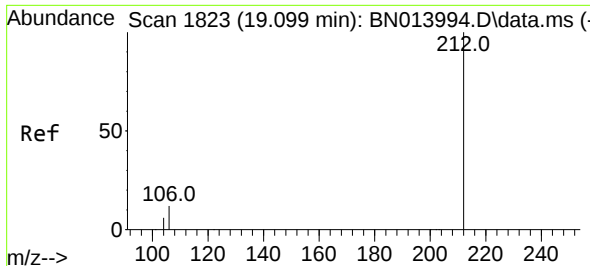
Tgt Ion:	172	Resp:	12832
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.6	42.8
170	23.9	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

Tgt Ion:	188	Resp:	23344
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.5	9.0	13.6

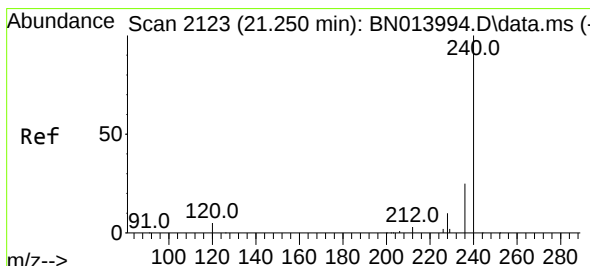
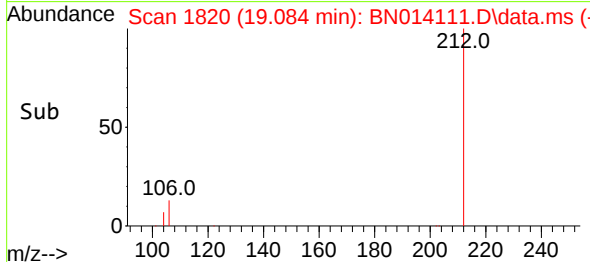
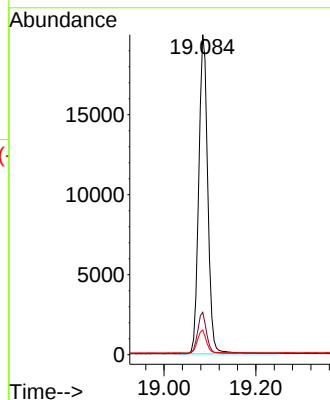
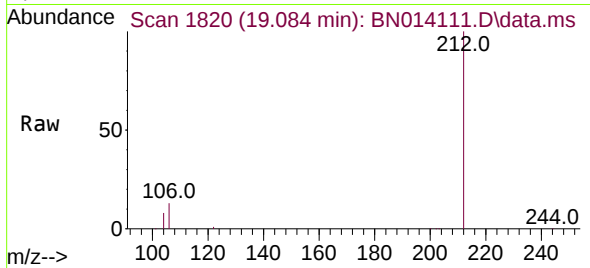




#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.004 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

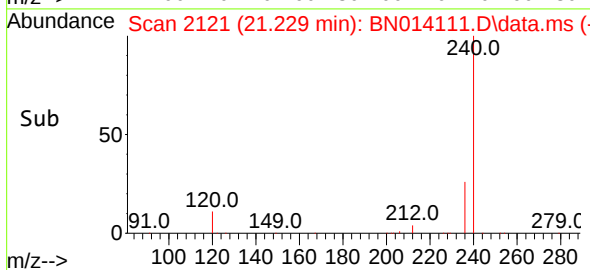
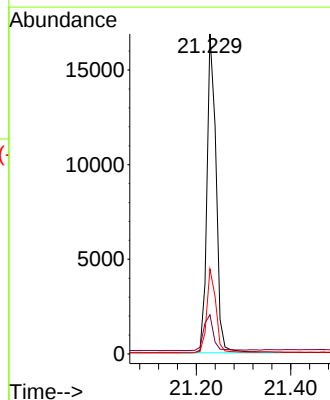
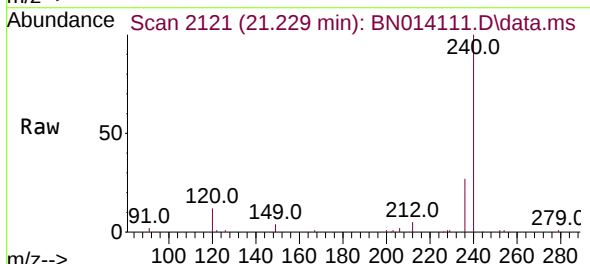
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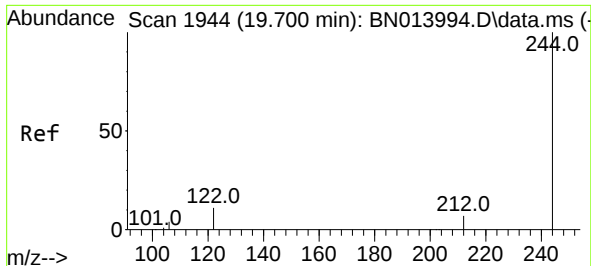
Tgt Ion:212 Resp: 27088
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.1 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

Tgt Ion:240 Resp: 22644
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.4
236 26.5 21.3 31.9

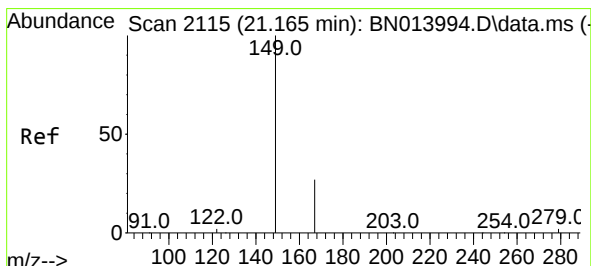
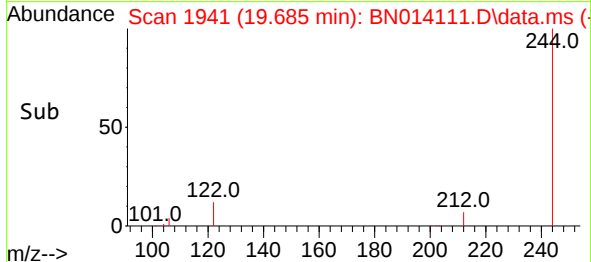
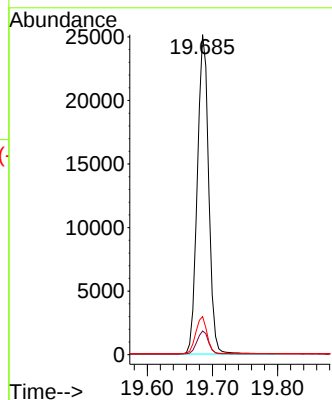
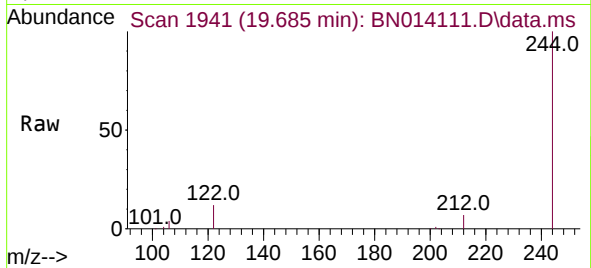




#31
Terphenyl-d14
Concen: 0.61 ng
RT: 19.685 min Scan# 1941
Delta R.T. -0.004 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

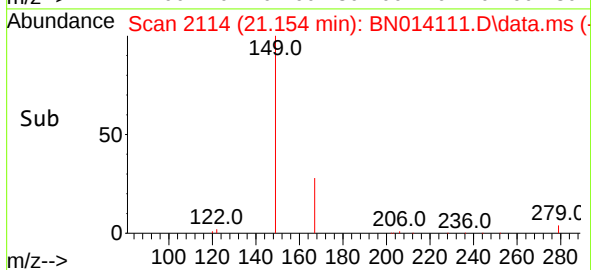
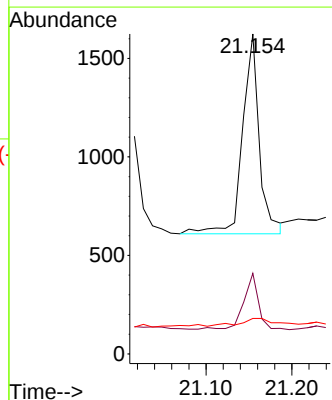
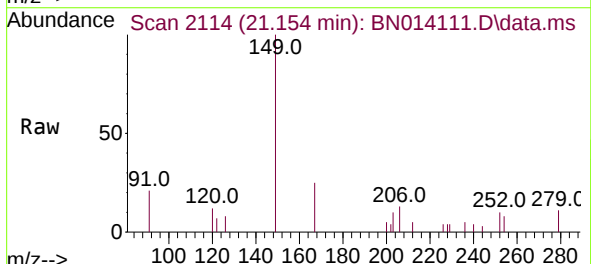
Instrument :
BNA_N
ClientSampleId :
DUP04-20210322

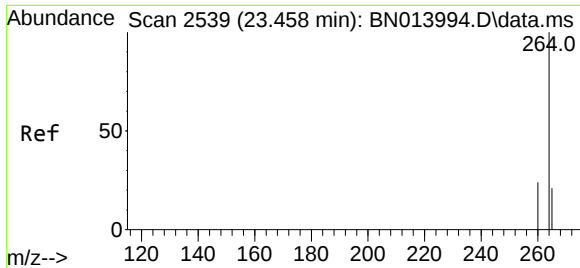
Tgt Ion:244 Resp: 30503
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 11.9 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.001 min
Lab File: BN014111.D
Acq: 25 Mar 2021 18:01

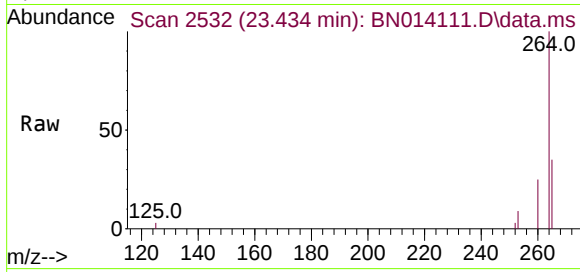
Tgt Ion:149 Resp: 1371
Ion Ratio Lower Upper
149 100
167 25.1 22.1 33.1
279 7.2 3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.434 min Scan# 2532
 Delta R.T. -0.013 min
 Lab File: BN014111.D
 Acq: 25 Mar 2021 18:01

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20210322



Tgt Ion:264 Resp: 22633

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	34.6	66.2	99.4#

