

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014069.D
 Acq On : 24 Mar 2021 12:59
 Operator : CG/JU
 Sample : M1735-08DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315DL

Quant Time: Mar 24 13:37:06 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)

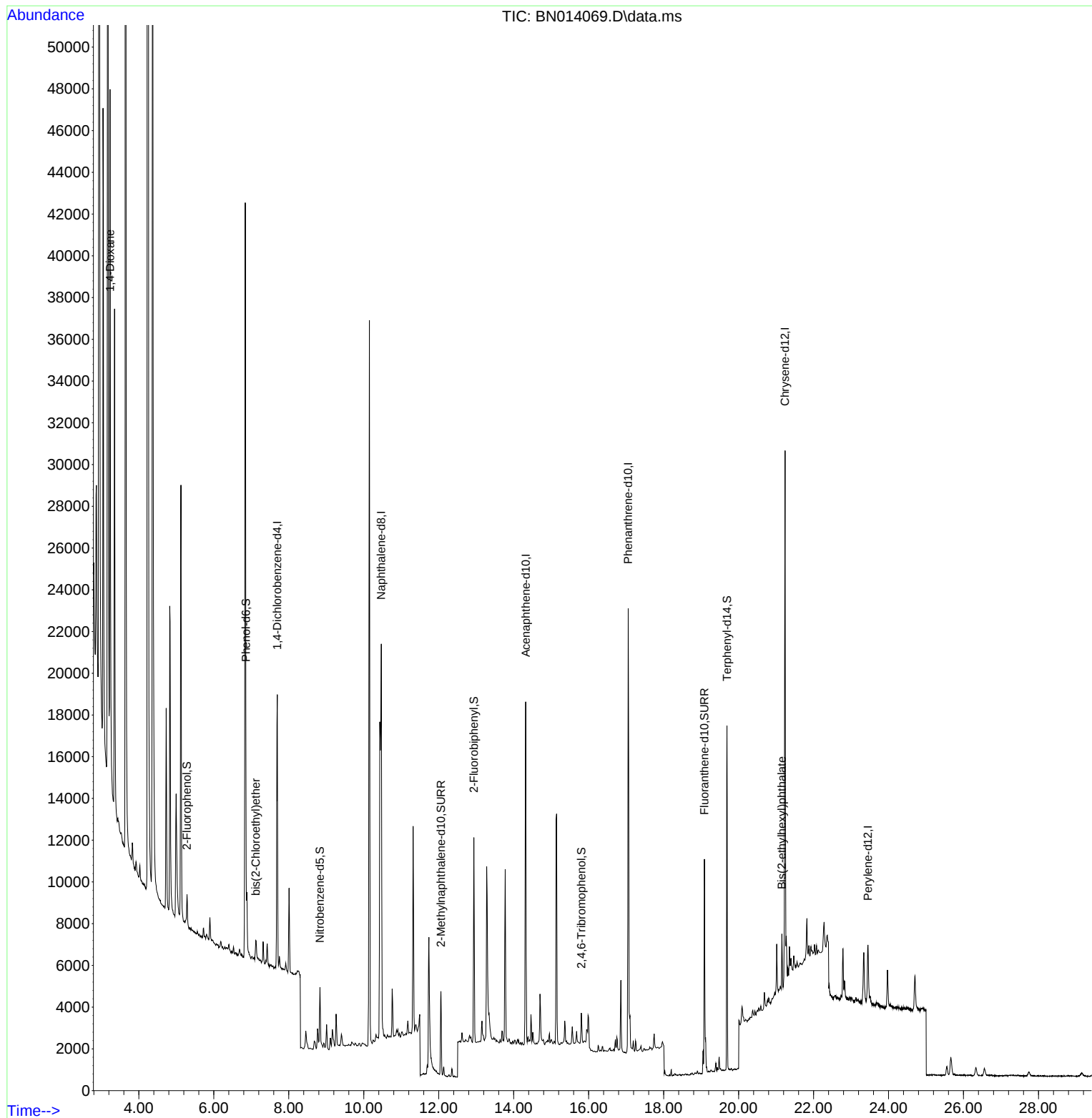
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6098	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	24491	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	9034	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	28885	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	23452	0.40	ng	# 0.00
36) Perylene-d12	23.448	264	3083	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1088	0.08	ng	0.00
5) Phenol-d6	6.855	99	1307	0.07	ng	0.00
8) Nitrobenzene-d5	8.832	82	2251	0.14	ng	-0.01
11) 2-Methylnaphthalene-d10	12.057	152	5156	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1023	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	8125	0.24	ng	-0.01
27) Fluoranthene-d10	19.089	212	11421	0.14	ng	0.00
31) Terphenyl-d14	19.690	244	15693	0.30	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	20433	2.54	ng	96
6) bis(2-Chloroethyl)ether	7.120	93	414	0.03	ng	89
34) Bis(2-ethylhexyl)phtha...	21.154	149	2623	0.11	ng	97

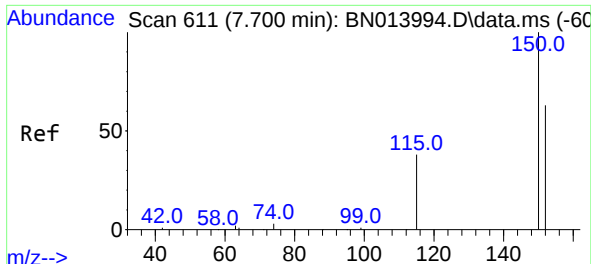
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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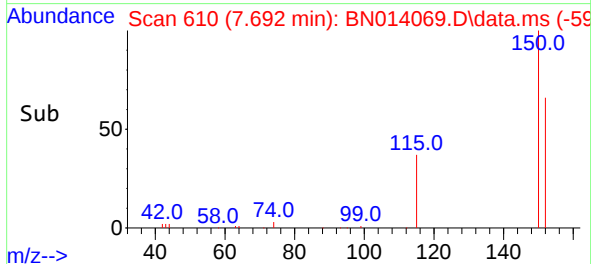
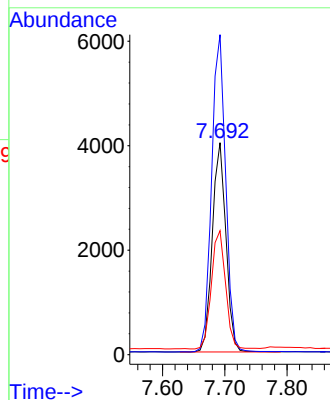
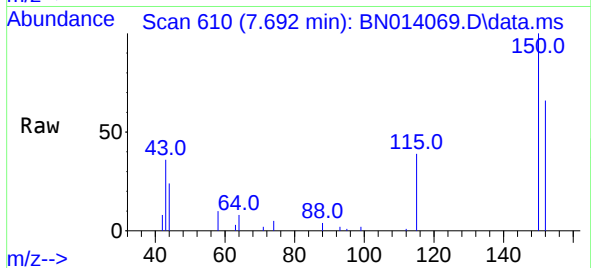


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. -0.008 min
 Lab File: BN014069.D
 Acq: 24 Mar 2021 12:59

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20210315DL

Tgt Ion: 152 Resp: 6098

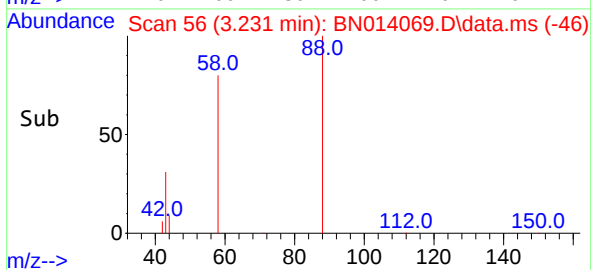
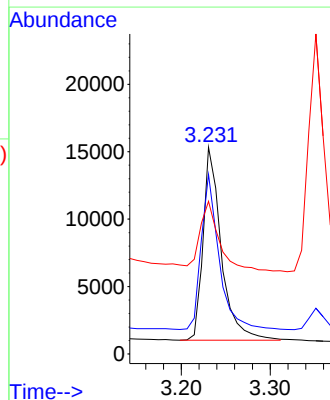
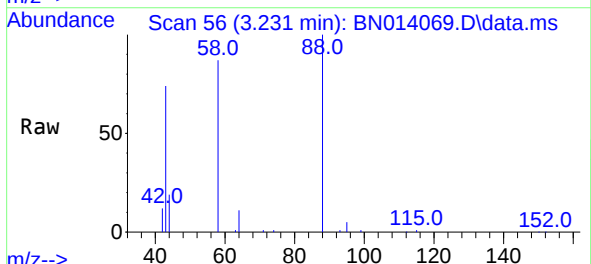
Ion	Ratio	Lower	Upper
152	100		
150	151.0	121.8	182.8
115	58.5	46.6	69.8

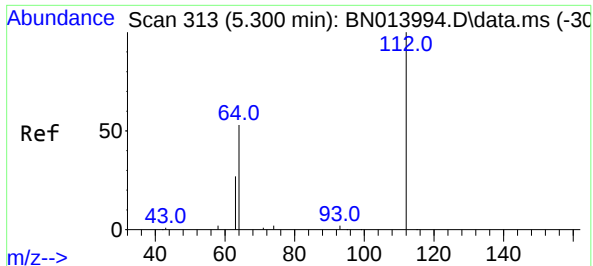


#2
 1,4-Dioxane
 Concen: 2.54 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014069.D
 Acq: 24 Mar 2021 12:59

Tgt Ion: 88 Resp: 20433

Ion	Ratio	Lower	Upper
88	100		
58	78.1	64.6	96.8
43	37.7	26.6	40.0



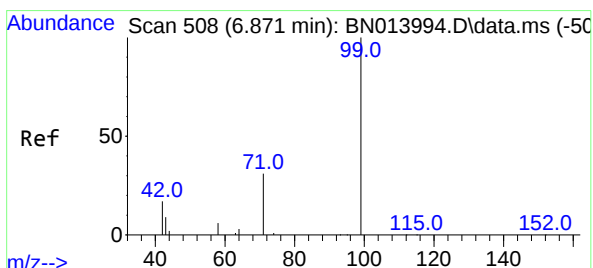
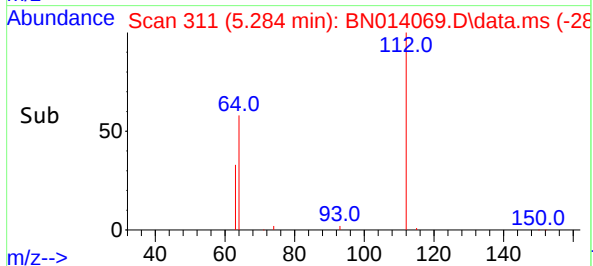
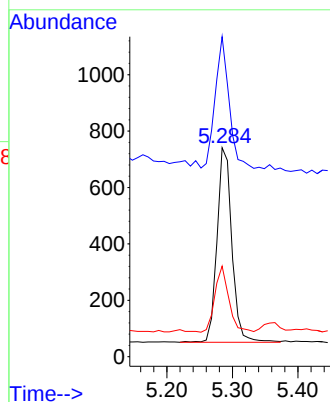
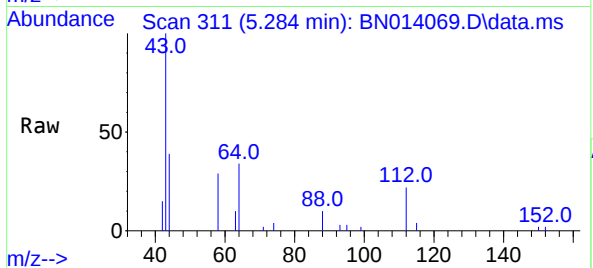


#4
2-Fluorophenol
Concen: 0.08 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.008 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

Tgt Ion:112 Resp: 1088

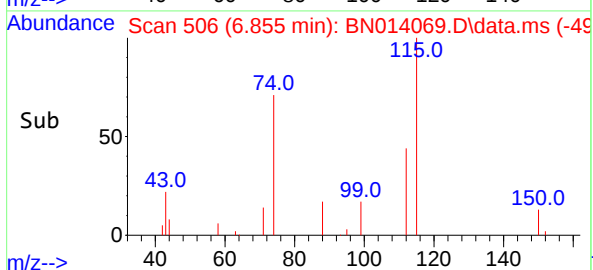
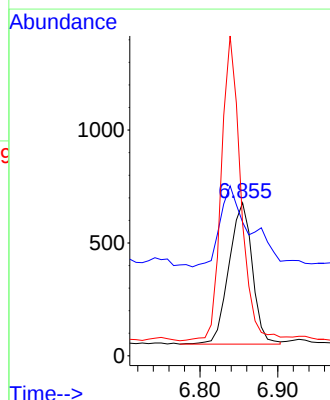
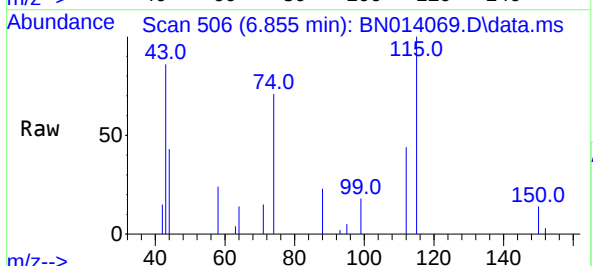
Ion	Ratio	Lower	Upper
112	100		
64	63.6	44.3	66.5
63	31.7	23.0	34.6

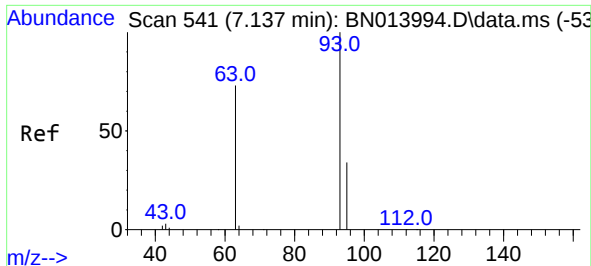


#5
Phenol-d6
Concen: 0.07 ng
RT: 6.855 min Scan# 506
Delta R.T. -0.008 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion: 99 Resp: 1307

Ion	Ratio	Lower	Upper
99	100		
42	77.6	15.2	22.8#
71	180.0	26.1	39.1#

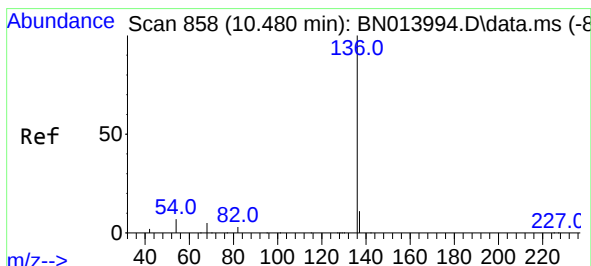
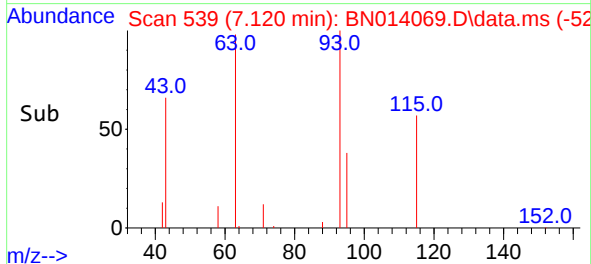
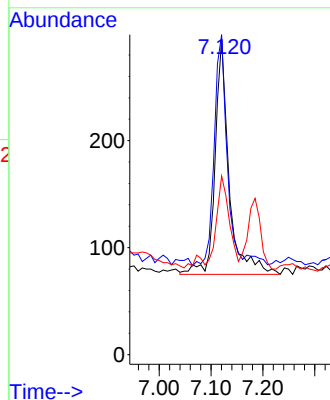
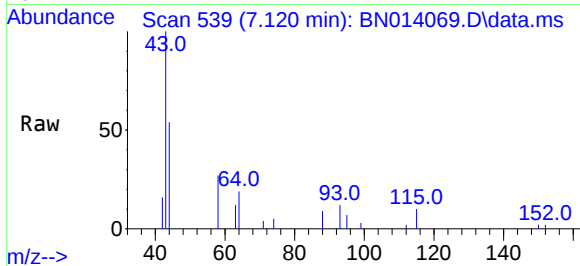




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 7.120 min Scan# 539
Delta R.T. -0.008 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

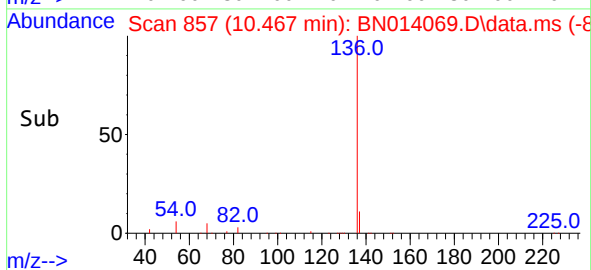
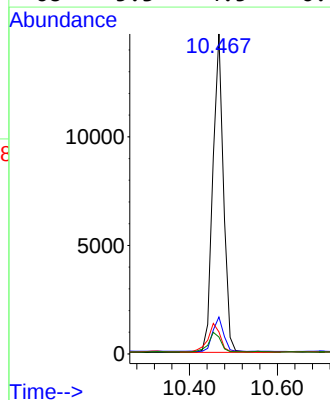
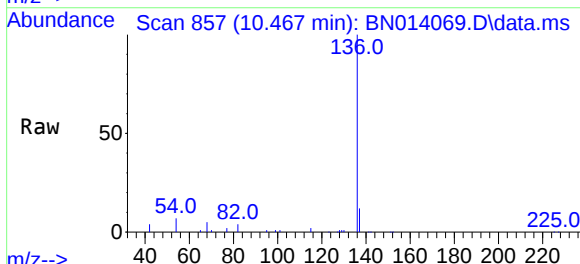
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

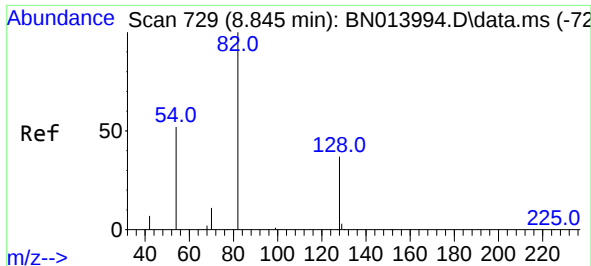
Tgt Ion:	93	Resp:	414
Ion	Ratio	Lower	Upper
93	100		
63	87.9	60.8	91.2
95	35.0	26.0	39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion:	136	Resp:	24491
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	6.9	6.4	9.6
68	5.3	4.5	6.7

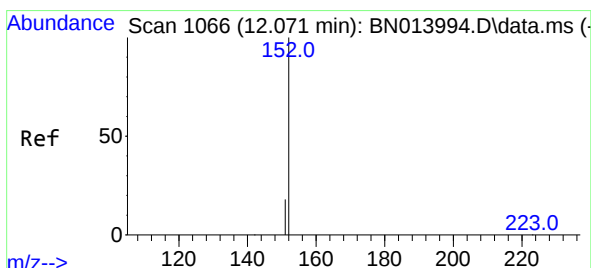
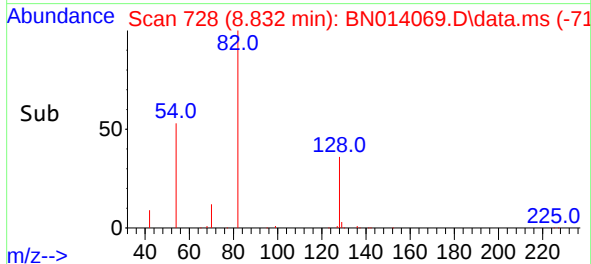
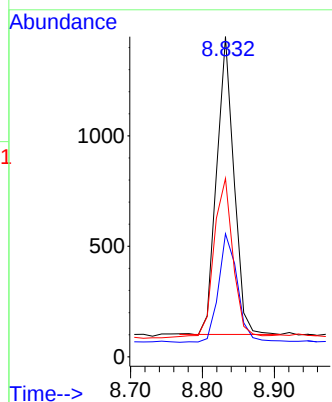
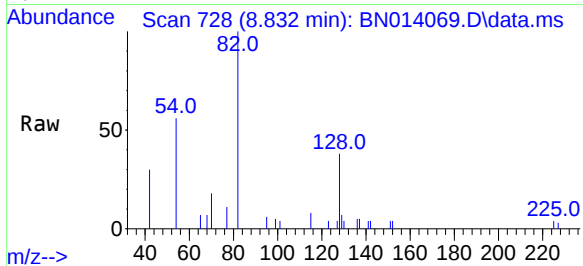




#8
Nitrobenzene-d5
Concen: 0.14 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

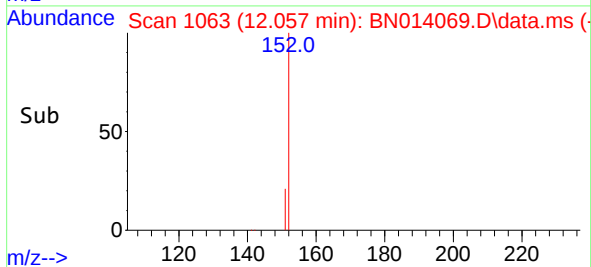
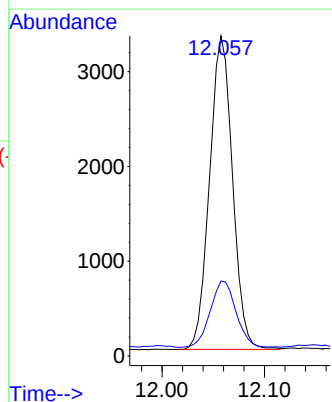
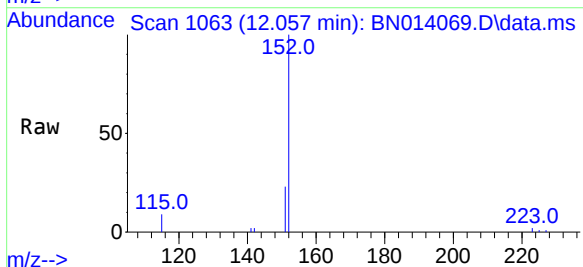
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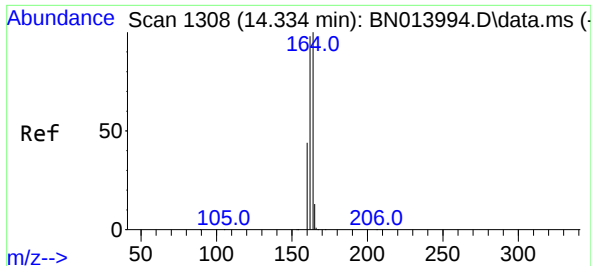
Tgt Ion: 82 Resp: 2251
Ion Ratio Lower Upper
82 100
128 38.4 39.2 58.8#
54 55.7 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.14 ng
RT: 12.057 min Scan# 1063
Delta R.T. -0.008 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion: 152 Resp: 5156
Ion Ratio Lower Upper
152 100
151 23.7 16.2 24.2

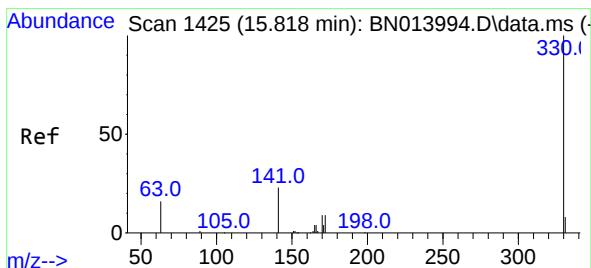
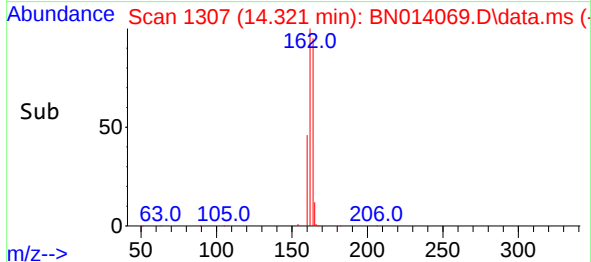
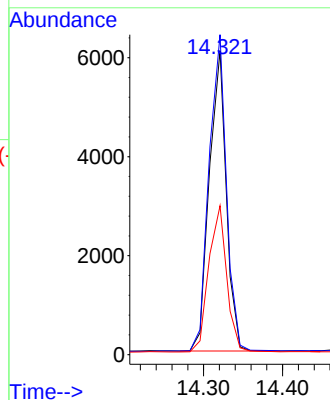
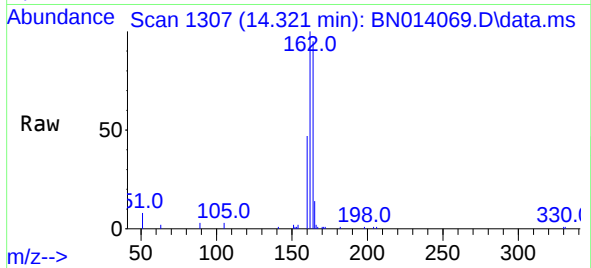




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

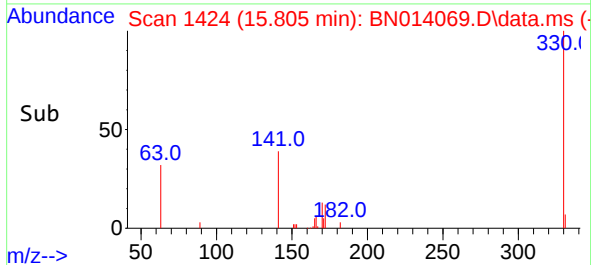
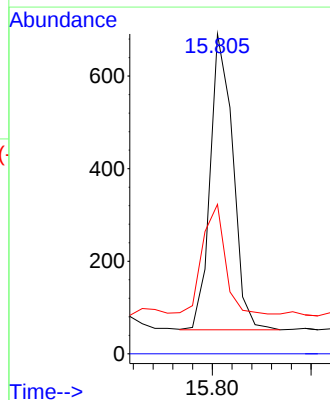
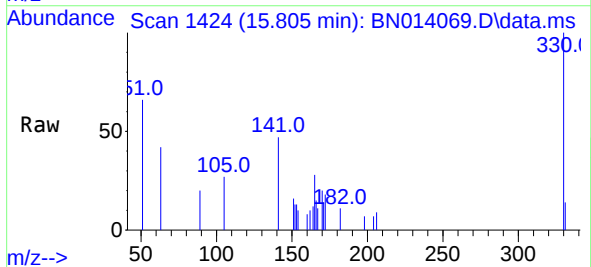
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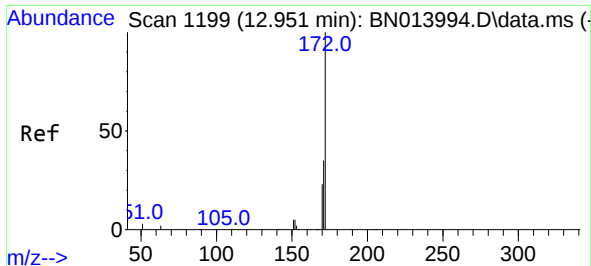
Tgt Ion:164 Resp: 9034
Ion Ratio Lower Upper
164 100
162 105.3 79.6 119.4
160 49.0 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion:330 Resp: 1023
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.0 26.8 40.2

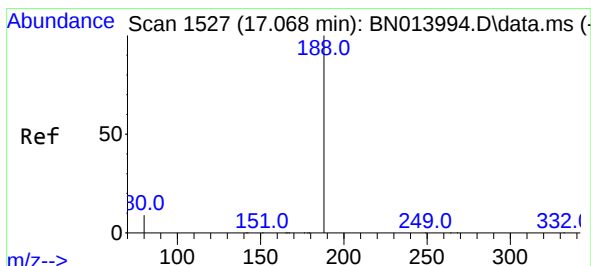
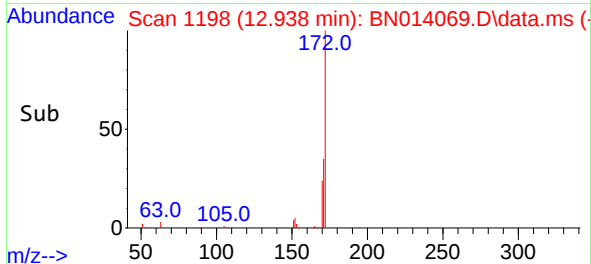
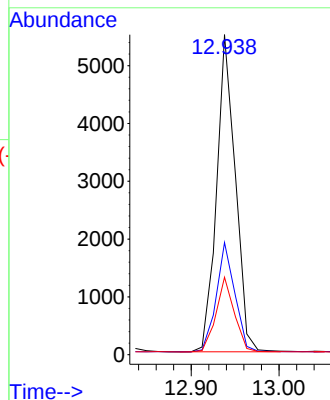
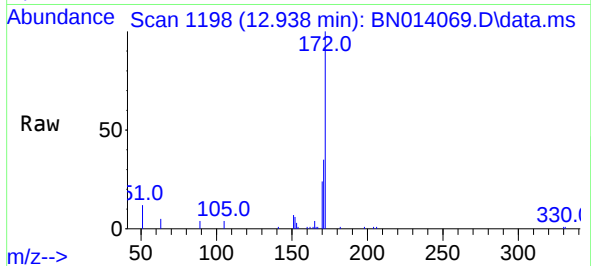




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

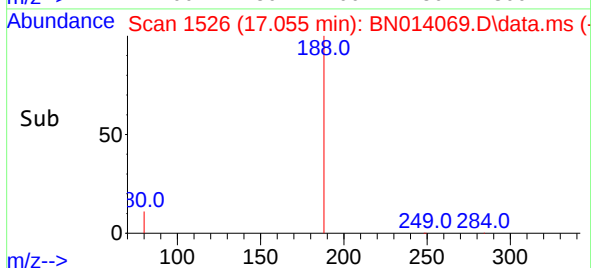
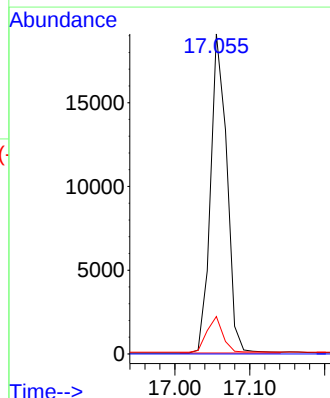
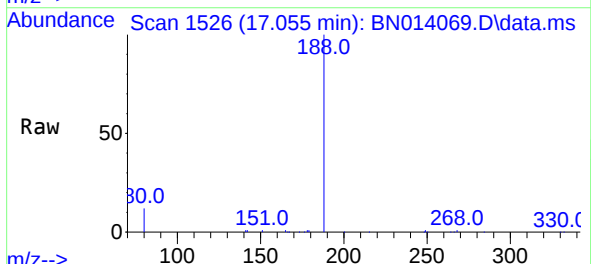
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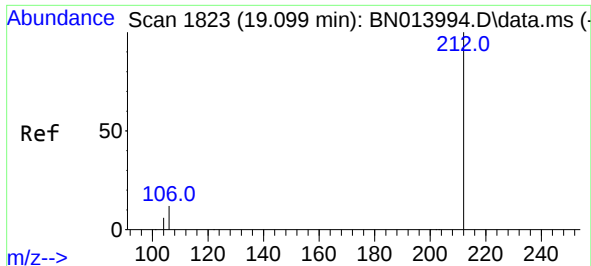
Tgt Ion:	172	Resp:	8125
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	24.2	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion:	188	Resp:	28885
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	9.0	13.6

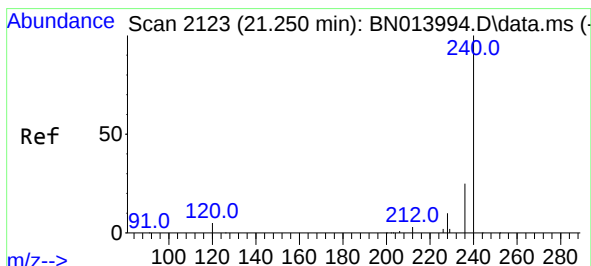
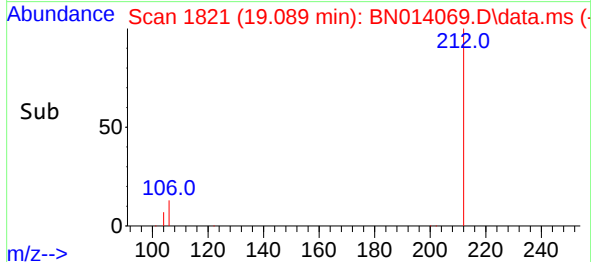
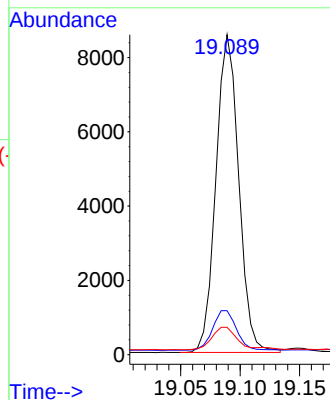
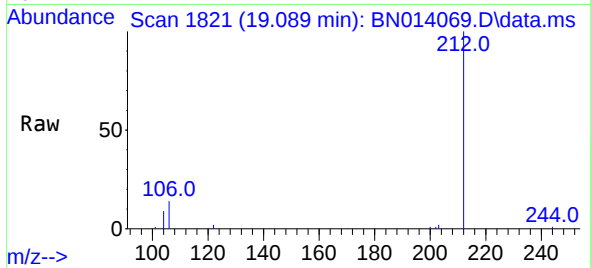




#27
Fluoranthene-d10
Concen: 0.14 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

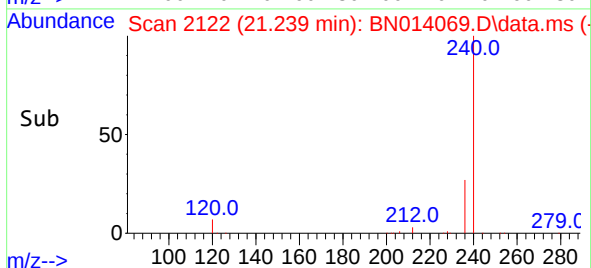
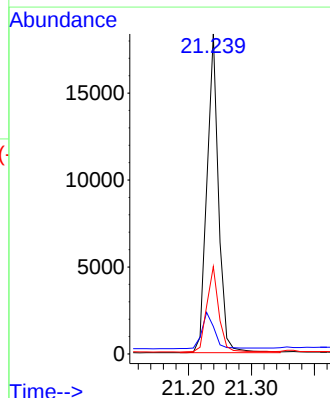
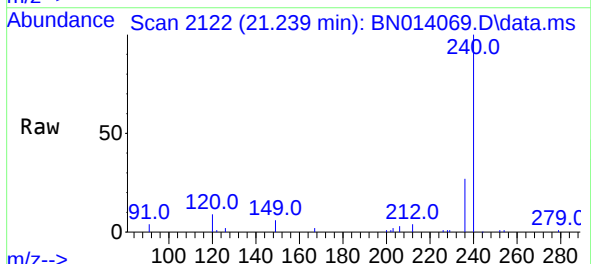
Instrument :
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RE132D5-20210315DL

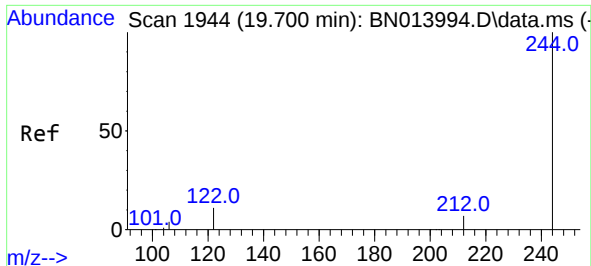
Tgt Ion:	212	Resp:	11421
Ion Ratio	Lower	Upper	
212	100		
106	13.2	9.7	14.5
104	8.1	5.5	8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Tgt Ion:	240	Resp:	23452
Ion Ratio	Lower	Upper	
240	100		
120	8.6	10.2	15.4#
236	27.3	21.3	31.9

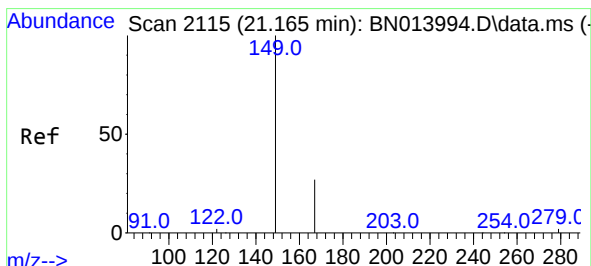
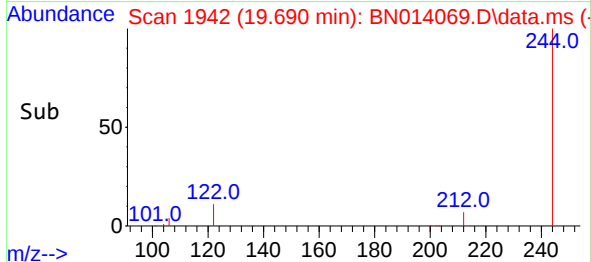
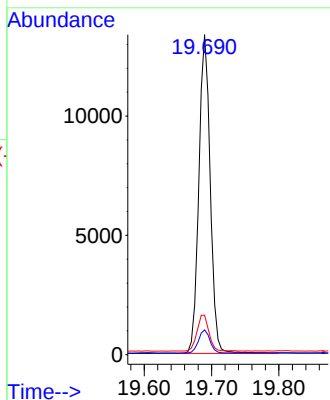
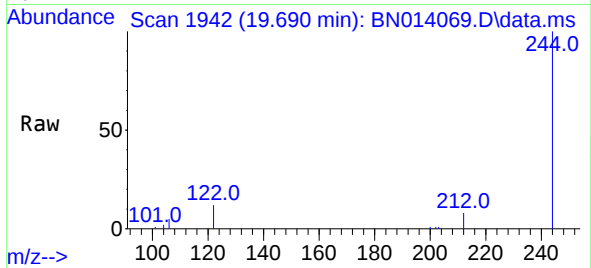




#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

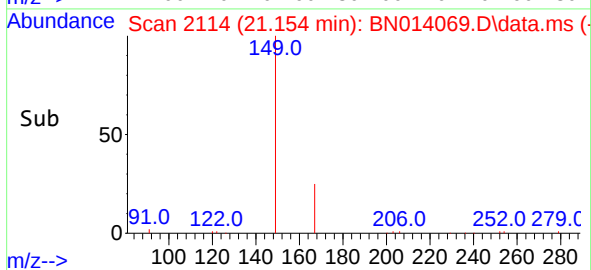
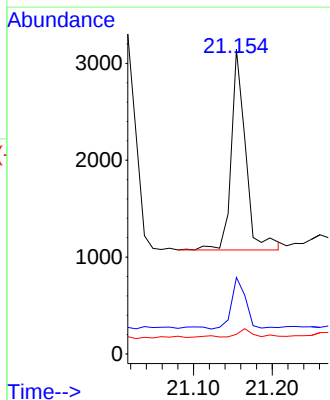
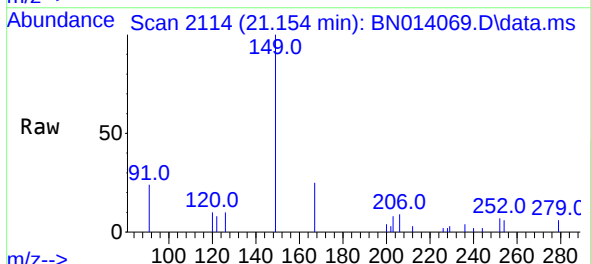
Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL

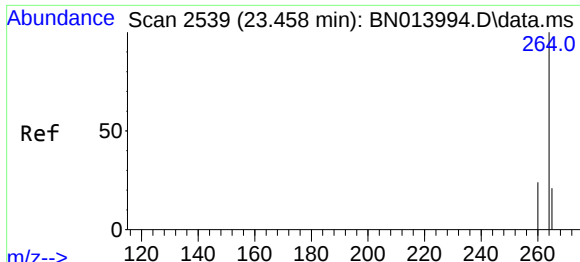
Tgt Ion:244 Resp: 15693
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 12.4 9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

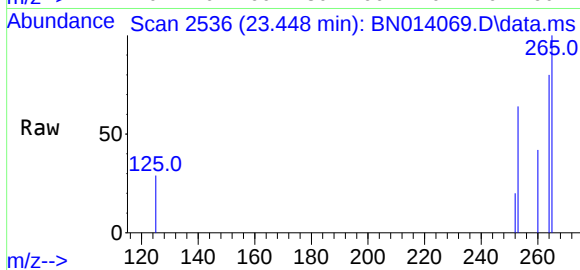
Tgt Ion:149 Resp: 2623
Ion Ratio Lower Upper
149 100
167 26.0 22.1 33.1
279 4.2 3.5 5.3





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.448 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BN014069.D
Acq: 24 Mar 2021 12:59

Instrument :
BNA_N
ClientSampleId :
RE132D5-20210315DL



Tgt Ion:264 Resp: 3083

Ion	Ratio	Lower	Upper
264	100		
260	52.7	19.3	28.9#
265	124.7	66.2	99.4#

