

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014083.D
 Acq On : 24 Mar 2021 22:47
 Operator : CG/JU
 Sample : M1787-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D1-20210319

Quant Time: Mar 25 05:38:44 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)

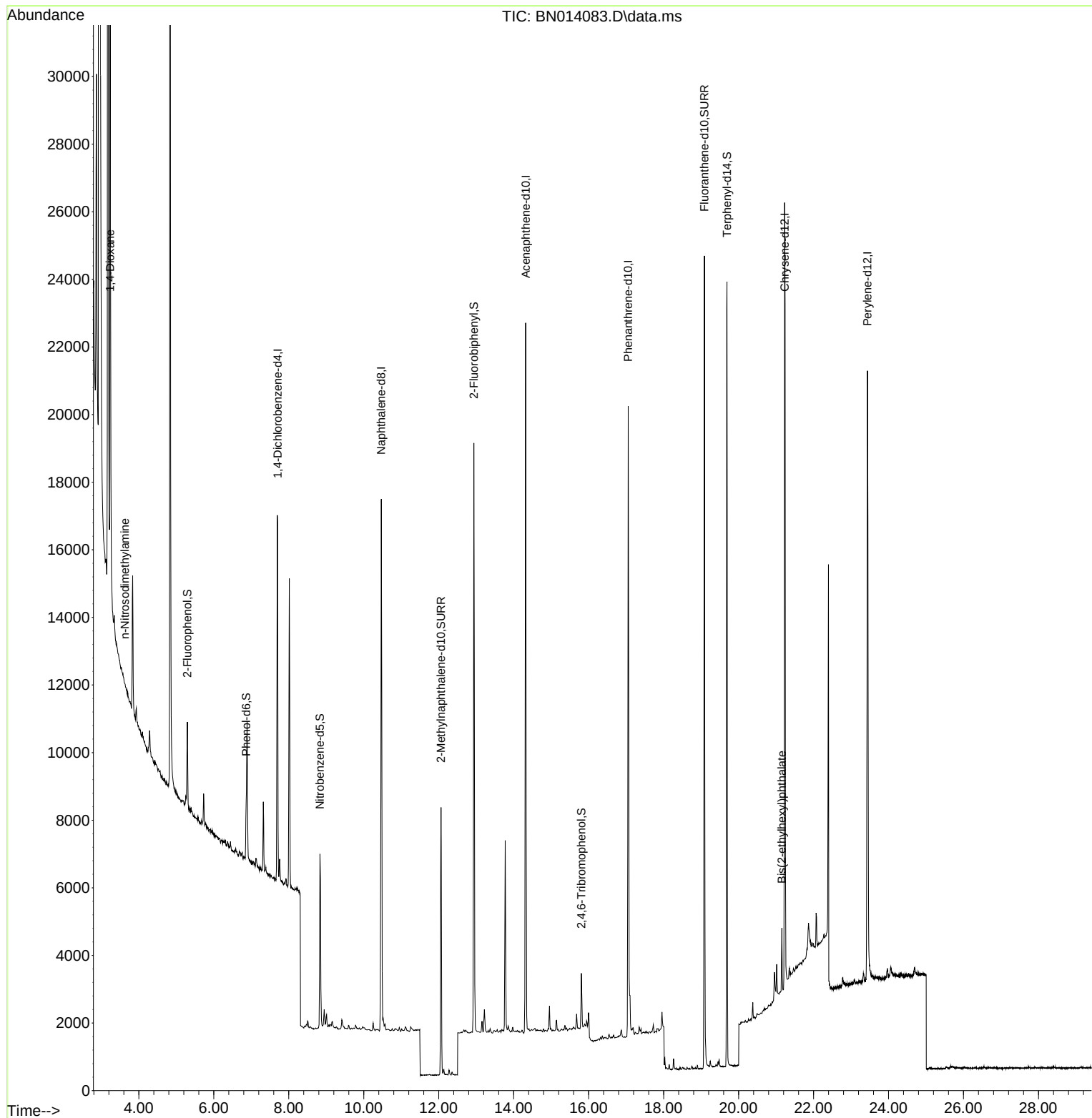
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5247	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20473	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11637	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	24799	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	24550	0.40	ng	-0.01
36) Perylene-d12	23.438	264	24000	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1907	0.16	ng	0.00
5) Phenol-d6	6.863	99	1379	0.09	ng	0.00
8) Nitrobenzene-d5	8.832	82	4572	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10611	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1162	0.31	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	15030	0.35	ng	-0.01
27) Fluoranthene-d10	19.089	212	26923	0.39	ng	0.00
31) Terphenyl-d14	19.690	244	24140	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.231	88	17950	2.60	ng	Qvalue 96
3) n-Nitrosodimethylamine	3.625	42	99	0.02	ng	# 4
34) Bis(2-ethylhexyl)phtha...	21.154	149	1867	0.07	ng	# 98

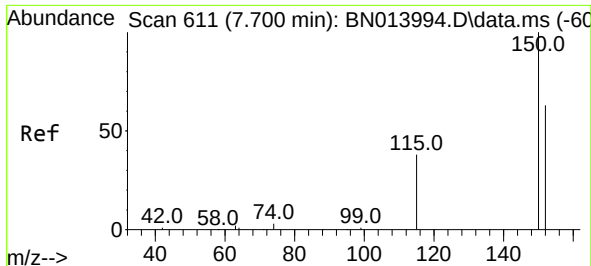
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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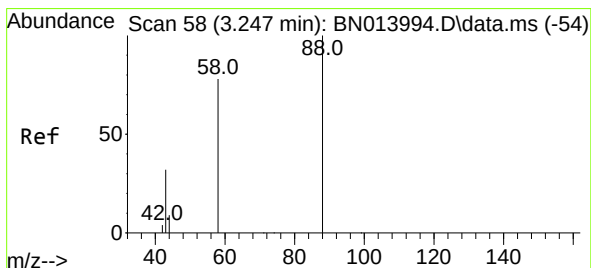
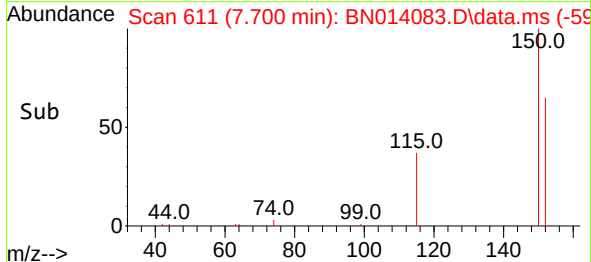
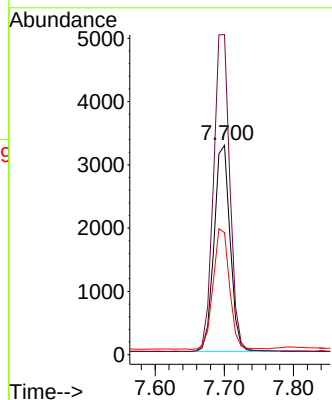
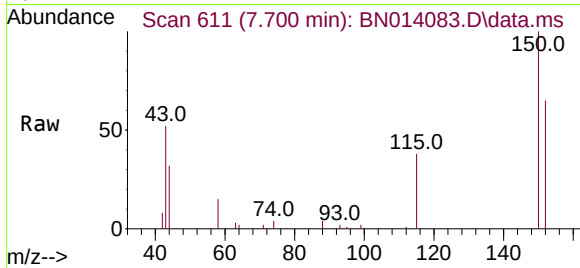




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014083.D
 Acq: 24 Mar 2021 22:47

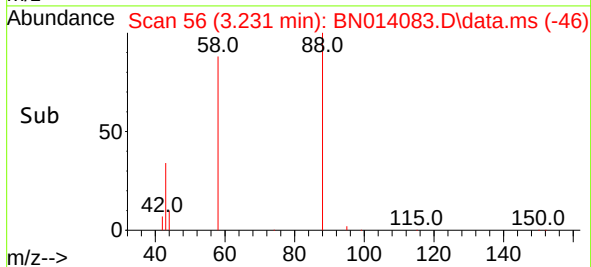
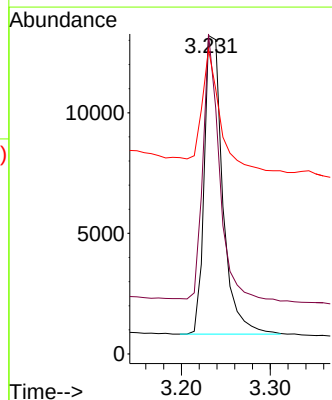
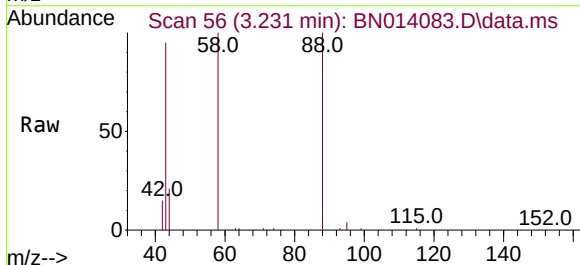
Instrument :
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 ClientSampleId :
 RE-126D1-20210319

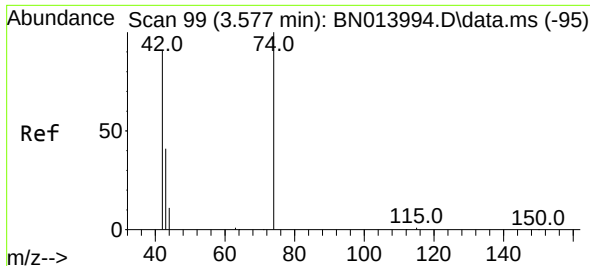
Tgt Ion: 152 Resp: 5247
 Ion Ratio Lower Upper
 152 100
 150 152.9 121.8 182.8
 115 58.3 46.6 69.8



#2
 1,4-Dioxane
 Concen: 2.60 ng
 RT: 3.231 min Scan# 56
 Delta R.T. -0.016 min
 Lab File: BN014083.D
 Acq: 24 Mar 2021 22:47

Tgt Ion: 88 Resp: 17950
 Ion Ratio Lower Upper
 88 100
 58 80.2 64.6 96.8
 43 39.5 26.6 40.0

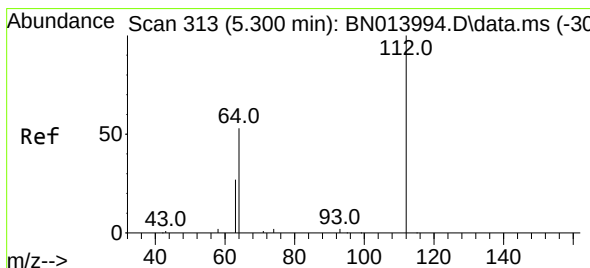
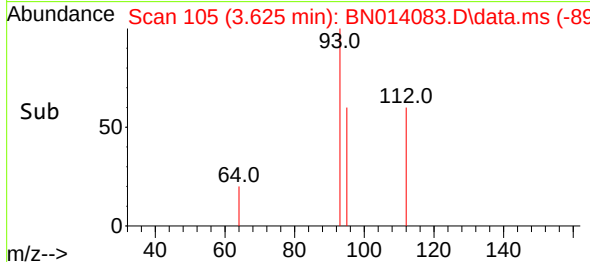
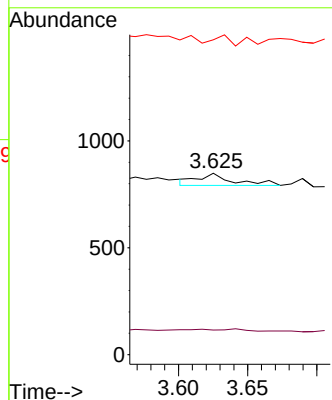
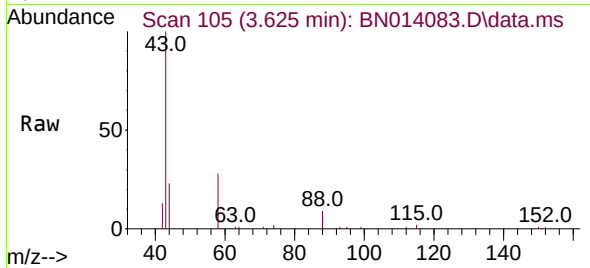




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.625 min Scan# 105
Delta R.T. 0.033 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

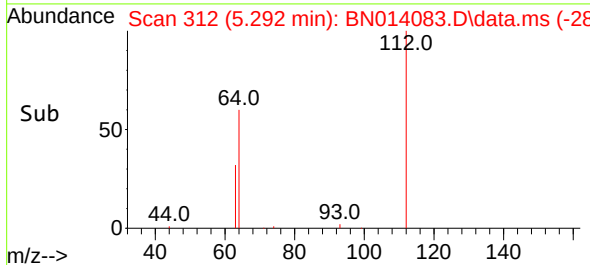
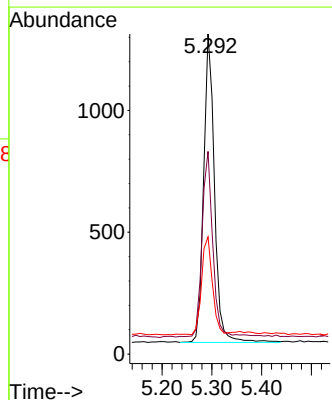
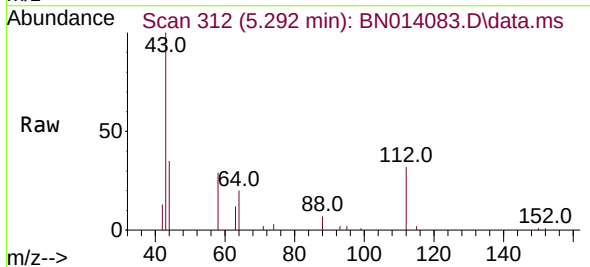
Instrument :
BNA_N
ClientSampleId :
RE-126D1-20210319

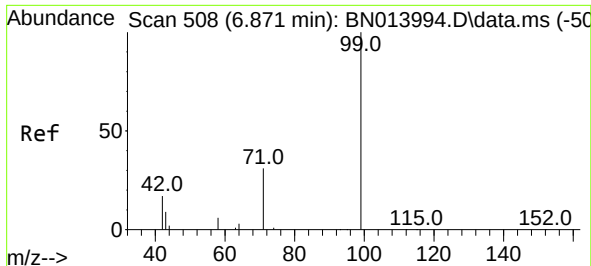
Tgt Ion: 42 Resp: 99
Ion Ratio Lower Upper
42 100
74 7.1 95.0 142.6#
44 0.0 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

Tgt Ion: 112 Resp: 1907
Ion Ratio Lower Upper
112 100
64 60.5 44.3 66.5
63 31.4 23.0 34.6

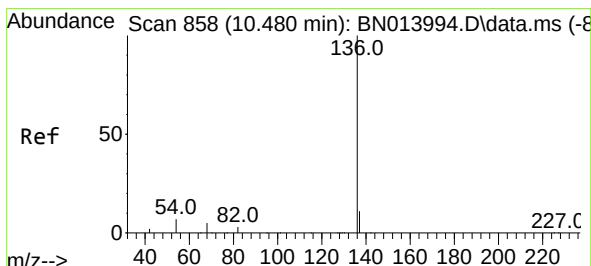
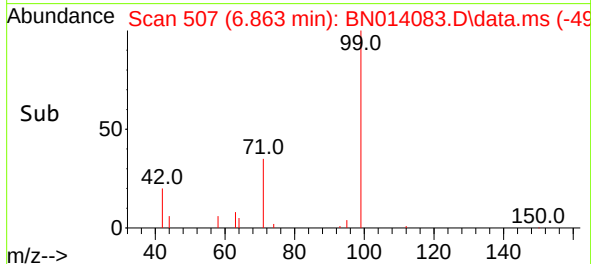
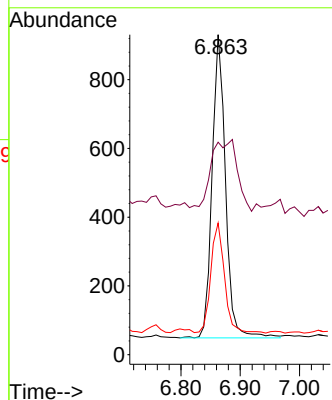
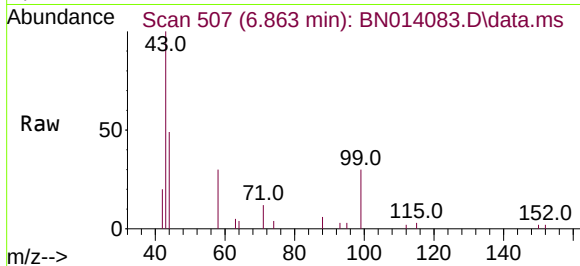




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

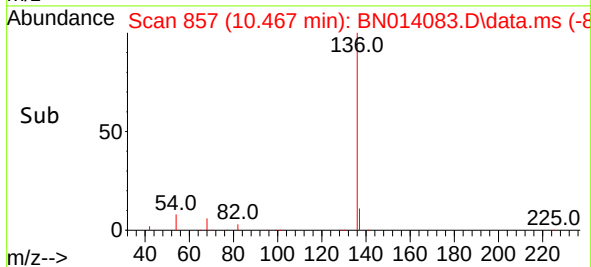
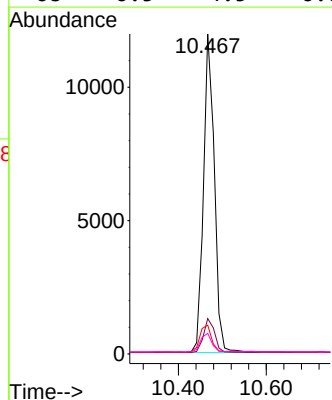
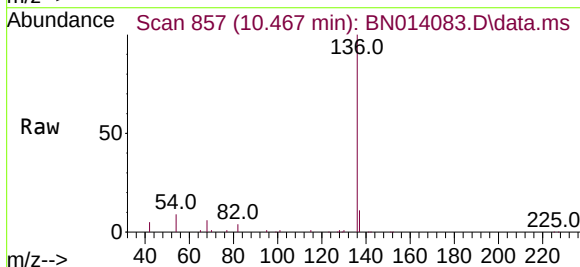
Instrument :
BNA_N
ClientSampleId :
RE-126D1-20210319

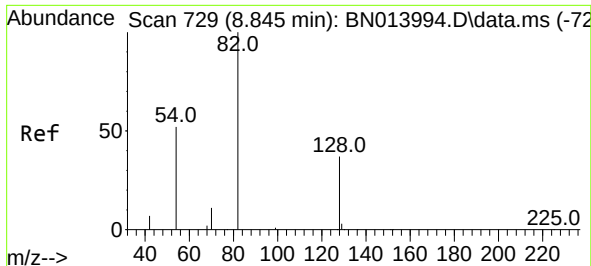
Tgt Ion: 99 Resp: 1379
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 37.0 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

Tgt Ion: 136 Resp: 20473
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.0 6.4 9.6
68 6.5 4.5 6.7

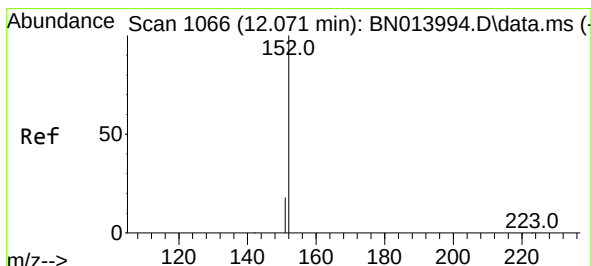
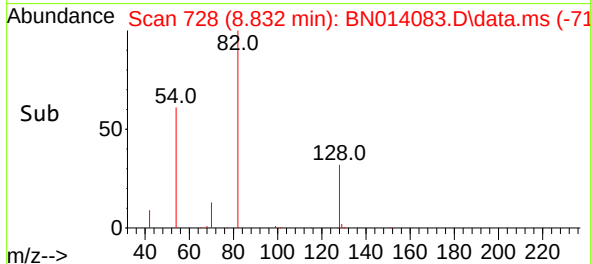
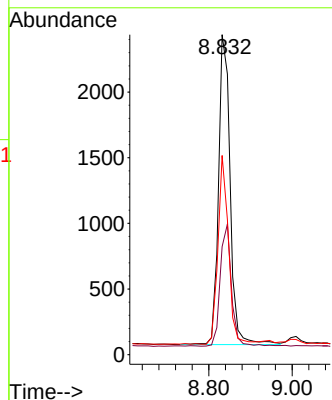
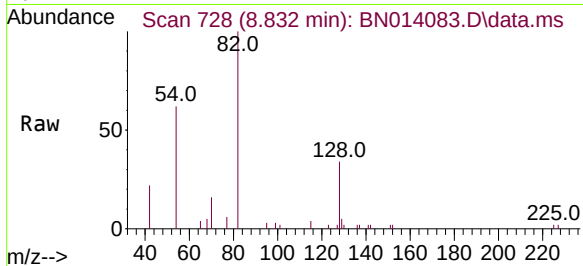




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

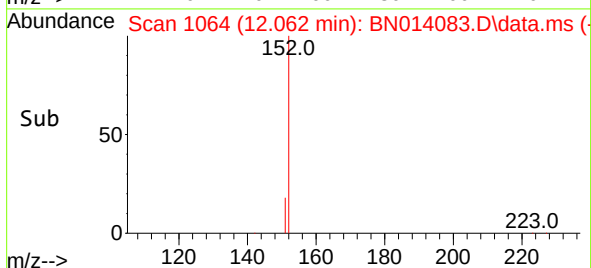
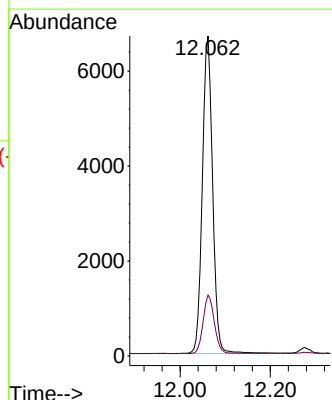
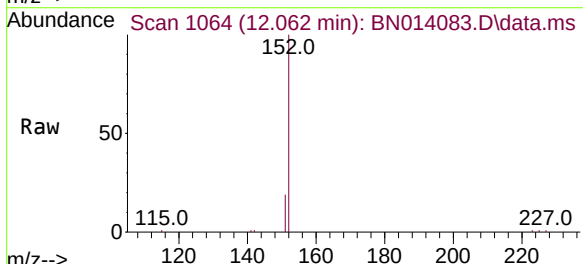
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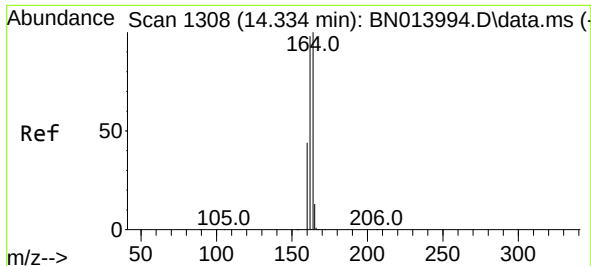
Tgt Ion: 82 Resp: 4572
Ion Ratio Lower Upper
82 100
128 33.7 39.2 58.8#
54 62.2 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

Tgt Ion: 152 Resp: 10611
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2

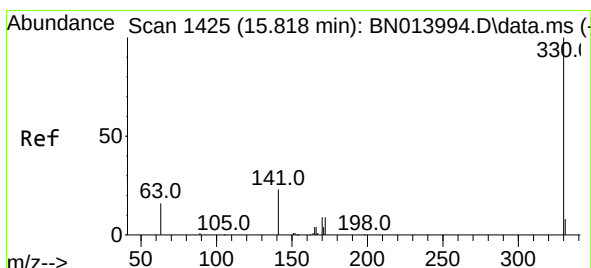
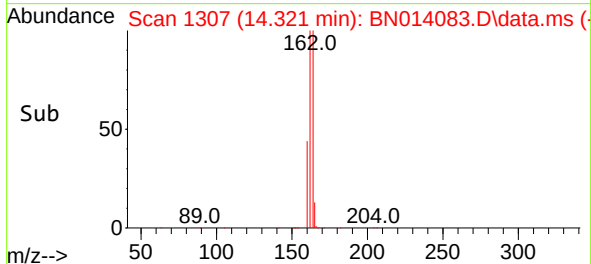
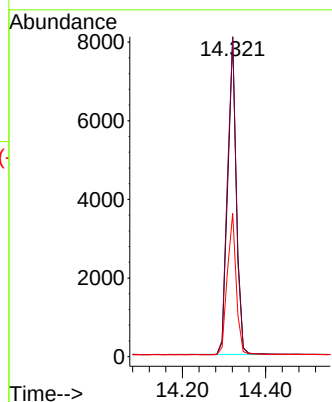
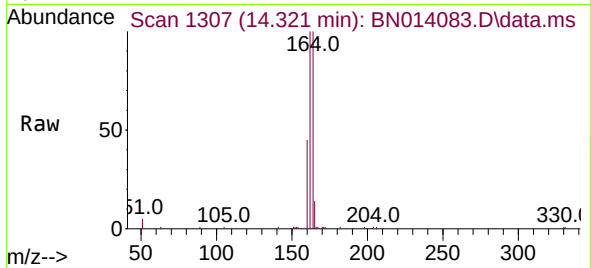




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

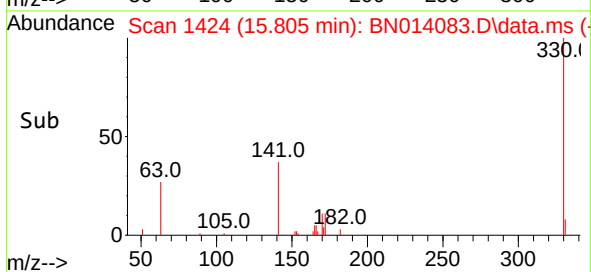
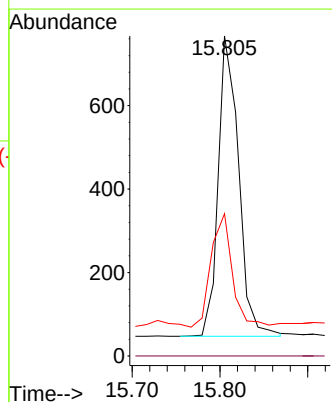
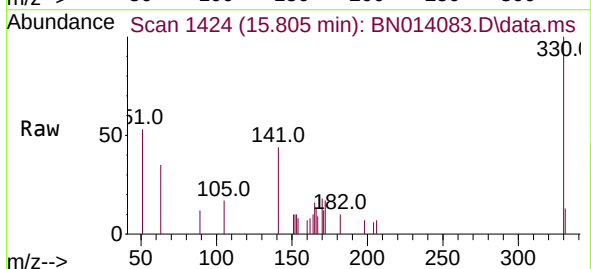
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ClientSampleId :
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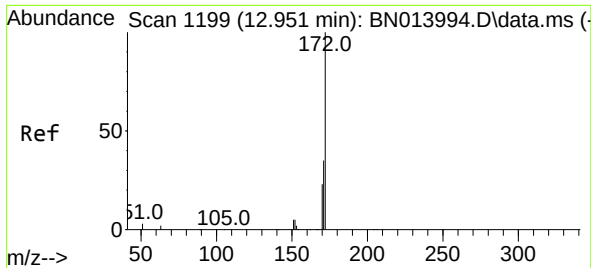
Tgt Ion:164 Resp: 11637
Ion Ratio Lower Upper
164 100
162 100.2 79.6 119.4
160 44.8 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

Tgt Ion:330 Resp: 1162
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.4 26.8 40.2

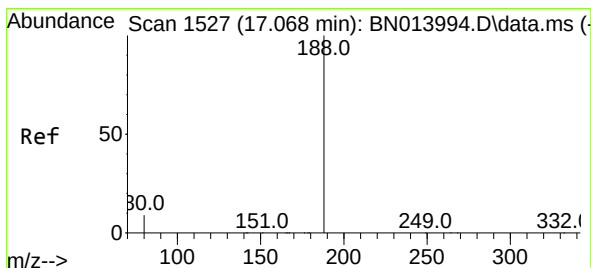
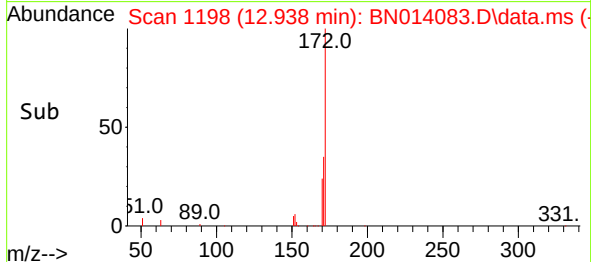
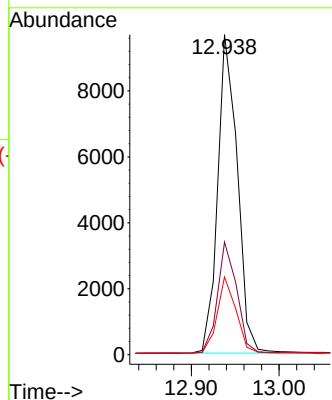
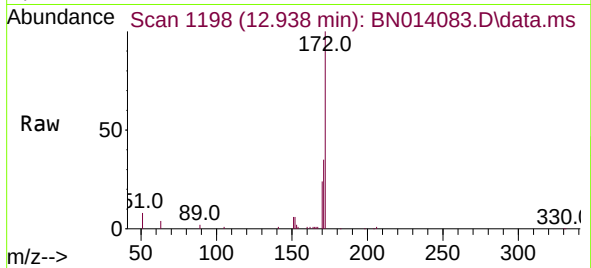




#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

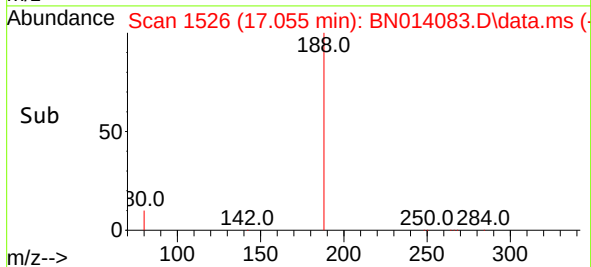
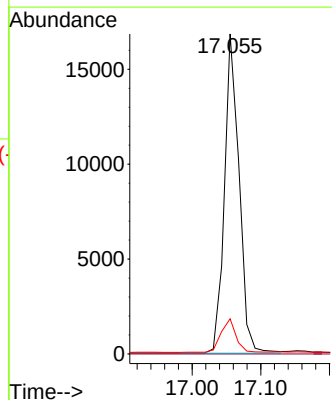
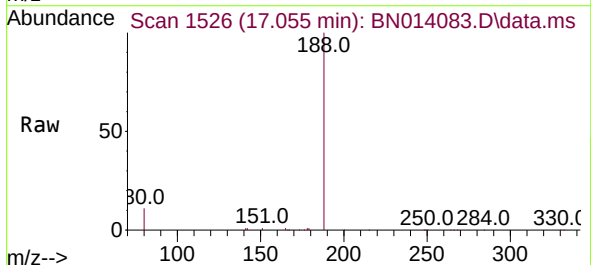
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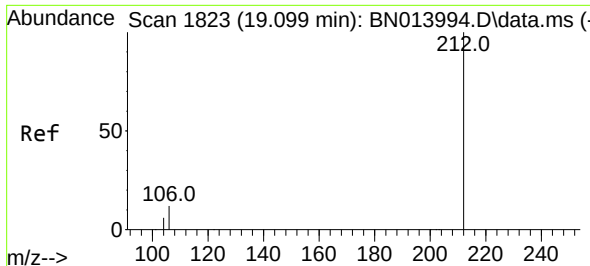
Tgt Ion:	172	Resp:	15030
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	42.8
170	24.3	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

Tgt Ion:	188	Resp:	24799
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.0	9.0	13.6

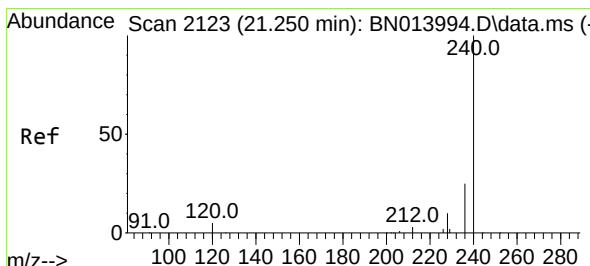
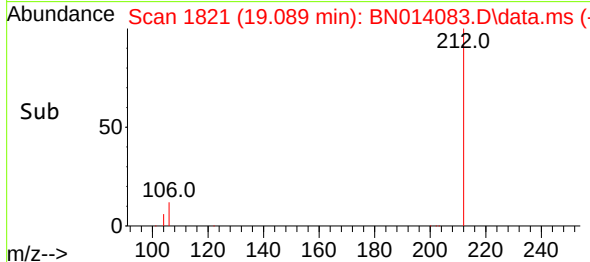
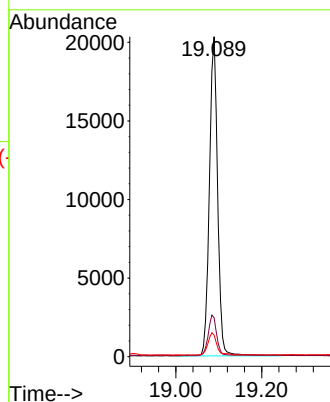
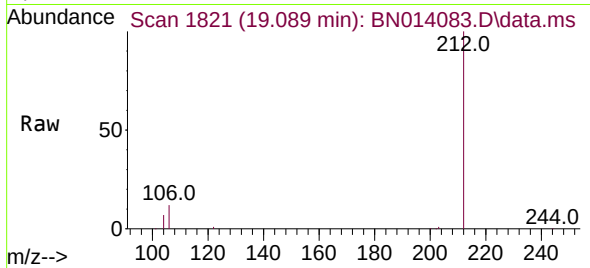




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

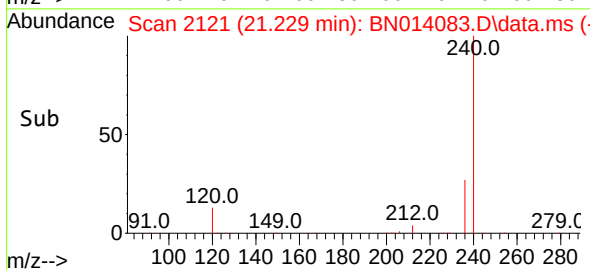
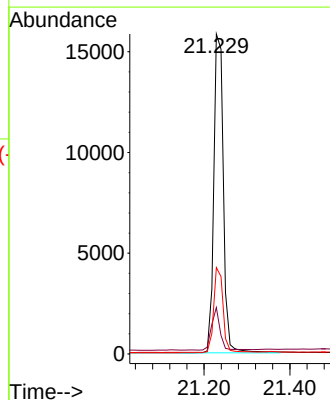
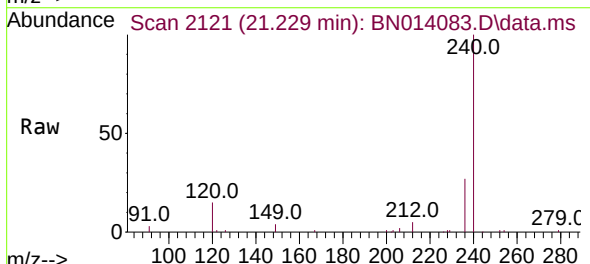
Instrument :
BNA_N
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RE-126D1-20210319

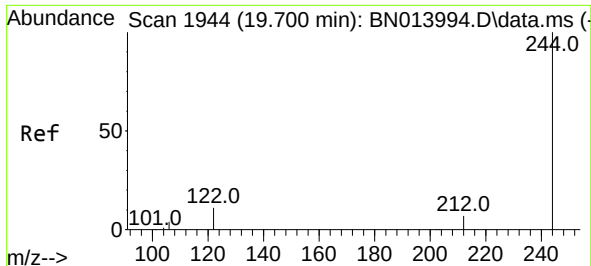
Tgt Ion:212 Resp: 26923
Ion Ratio Lower Upper
212 100
106 12.7 9.7 14.5
104 7.5 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.010 min
Lab File: BN014083.D
Acq: 24 Mar 2021 22:47

Tgt Ion:240 Resp: 24550
Ion Ratio Lower Upper
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120 14.5 10.2 15.4
236 27.0 21.3 31.9

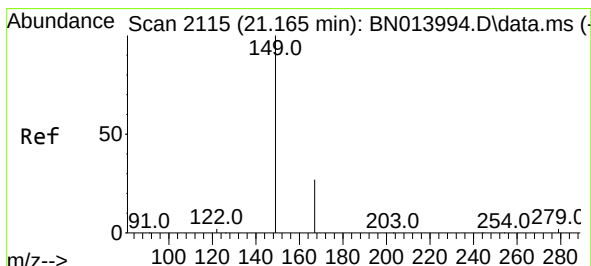
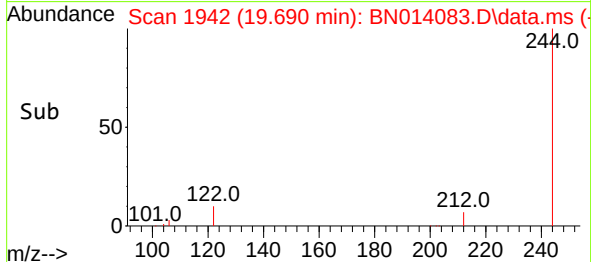
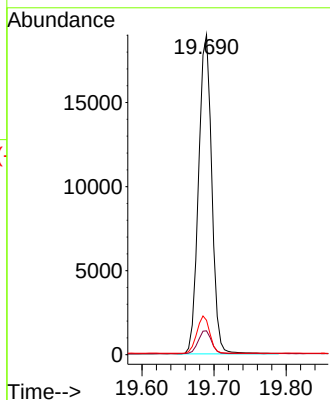
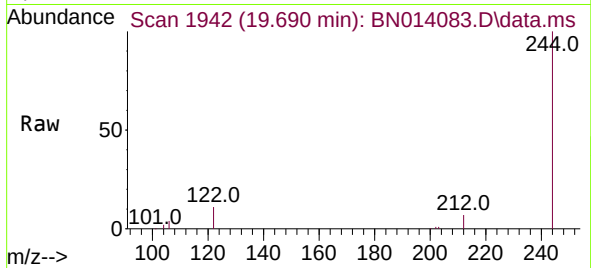




#31
 Terphenyl-d14
 Concen: 0.45 ng
 RT: 19.690 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: BN014083.D
 Acq: 24 Mar 2021 22:47

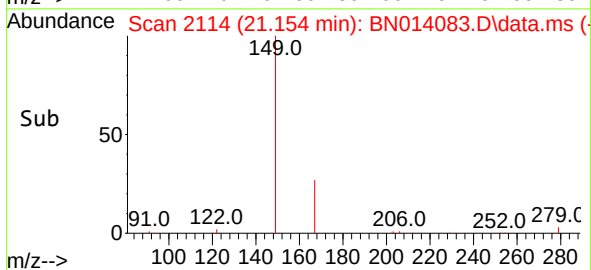
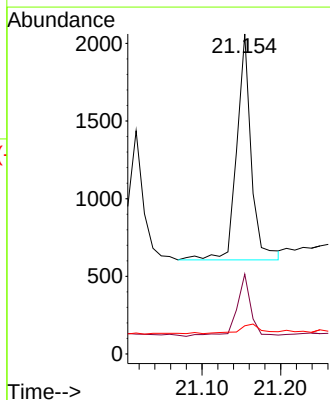
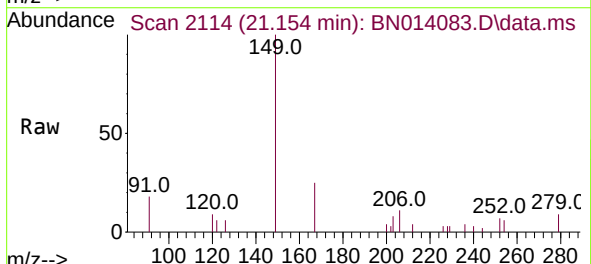
Instrument :
 BNA_N
 ClientSampleId :
 RE-126D1-20210319

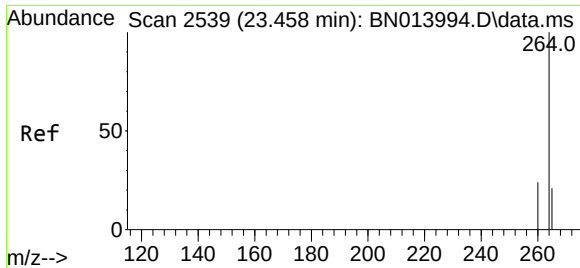
Tgt Ion:244	Resp:	24140
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.1 9.1
122	10.8	9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.154 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: BN014083.D
 Acq: 24 Mar 2021 22:47

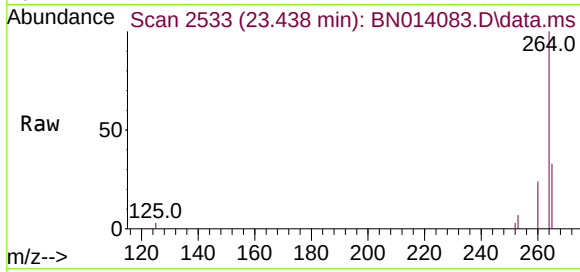
Tgt Ion:149	Resp:	1867
Ion Ratio	Lower	Upper
149	100	
167	27.0	22.1 33.1
279	6.4	3.5 5.3#





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.438 min Scan# 2533
 Delta R.T. -0.010 min
 Lab File: BN014083.D
 Acq: 24 Mar 2021 22:47

Instrument :
 BNA_N
 ClientSampleId :
 RE-126D1-20210319



Tgt Ion:264 Resp: 24000

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	33.0	66.2	99.4#

