

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014101.D
 Acq On : 25 Mar 2021 10:45
 Operator : CG/JU
 Sample : M1788-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210322

Quant Time: Mar 25 11:16:09 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)

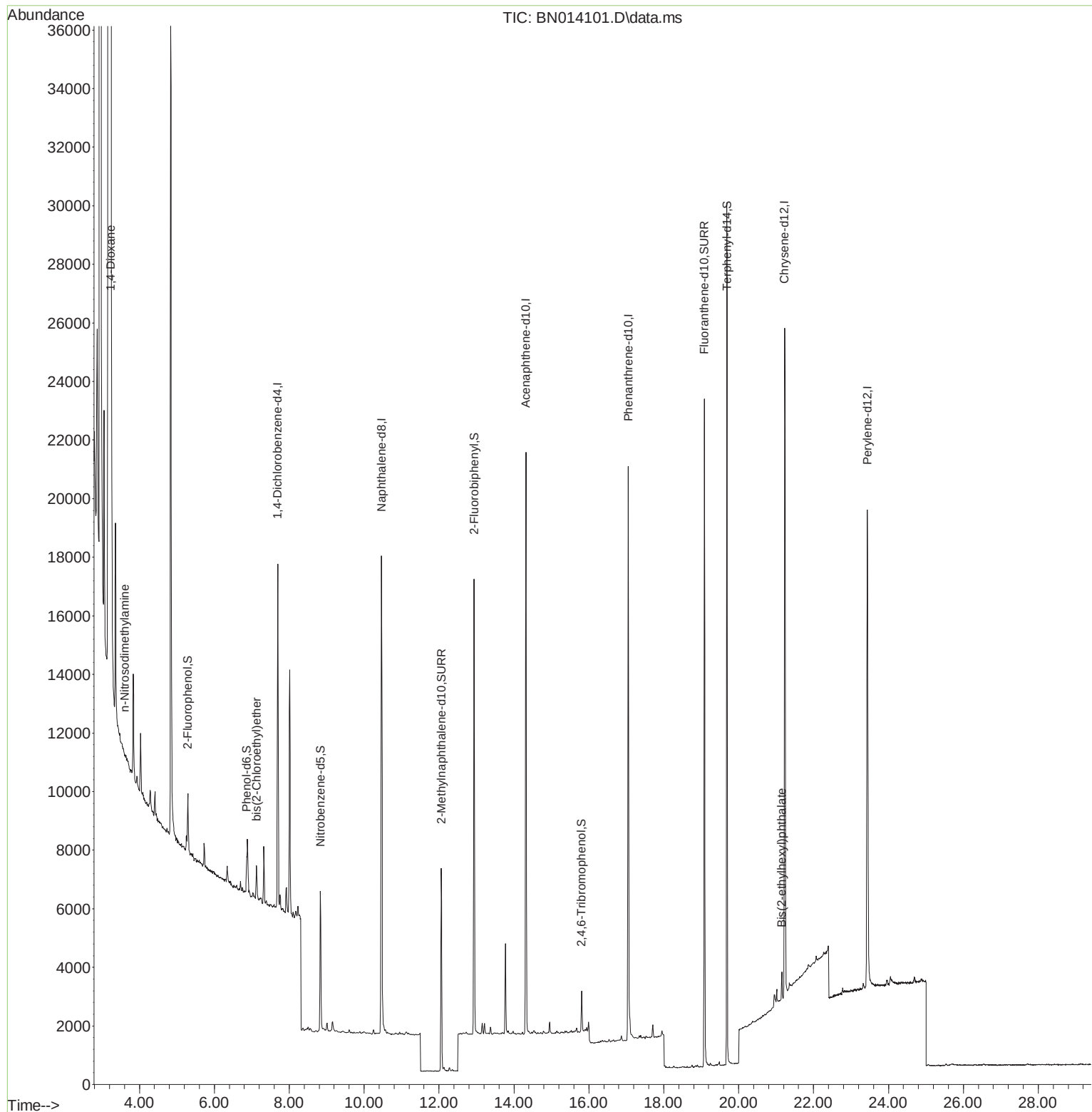
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5554	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20820	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11746	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	25398	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	24071	0.40	ng	-0.01
36) Perylene-d12	23.438	264	22995	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1529	0.12	ng	0.00
5) Phenol-d6	6.863	99	1048	0.06	ng	0.00
8) Nitrobenzene-d5	8.832	82	4144	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	9455	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1042	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	13502	0.31	ng	-0.01
27) Fluoranthene-d10	19.084	212	25402	0.36	ng	0.00
31) Terphenyl-d14	19.685	244	29729	0.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	27253	3.72	ng	95
3) n-Nitrosodimethylamine	3.609	42	118	0.02	ng	# 1
6) bis(2-Chloroethyl)ether	7.128	93	933	0.07	ng	96
34) Bis(2-ethylhexyl)phtha...	21.154	149	996	0.04	ng	# 93

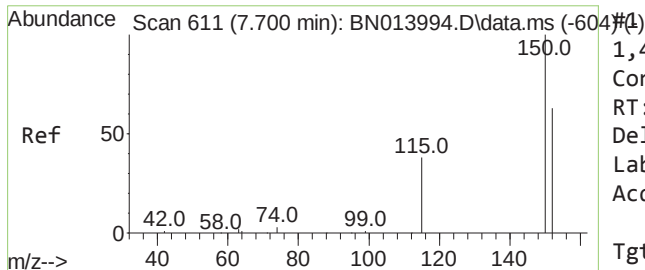
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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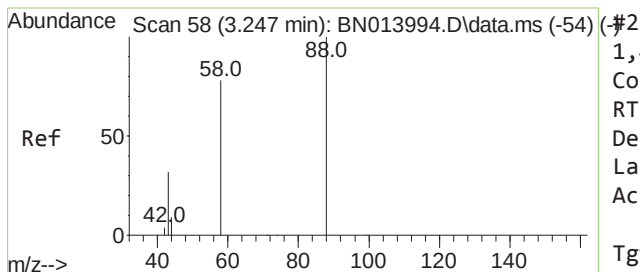
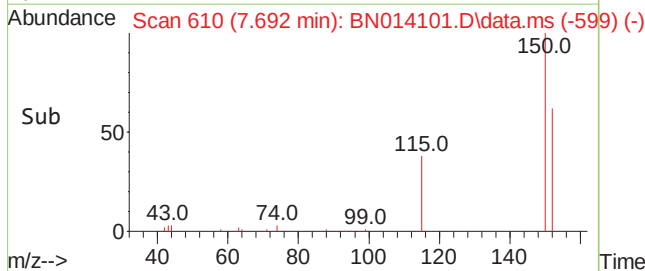
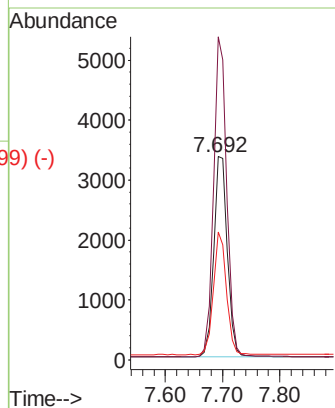
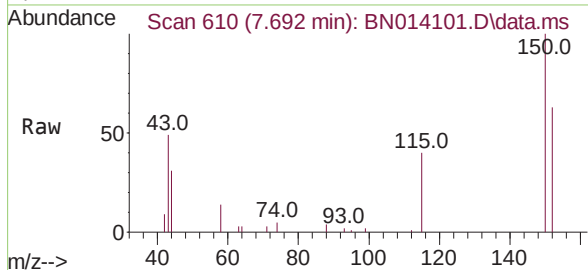




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. -0.008 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

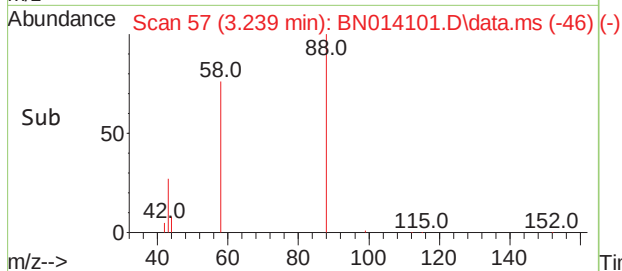
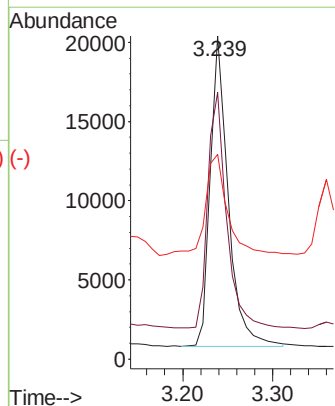
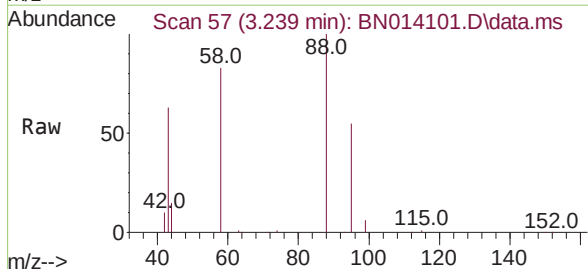
Instrument :
BNA_N
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RE105D2-20210322

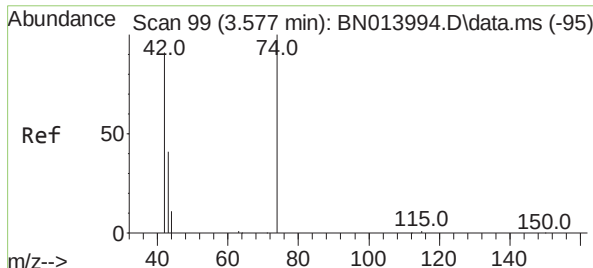
Tgt Ion:152 Resp: 5554
Ion Ratio Lower Upper
152 100
150 159.0 121.8 182.8
115 63.0 46.6 69.8



1,4-Dioxane
Concen: 3.72 ng
RT: 3.239 min Scan# 57
Delta R.T. -0.008 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

Tgt Ion: 88 Resp: 27253
Ion Ratio Lower Upper
88 100
58 78.4 64.6 96.8
43 38.7 26.6 40.0

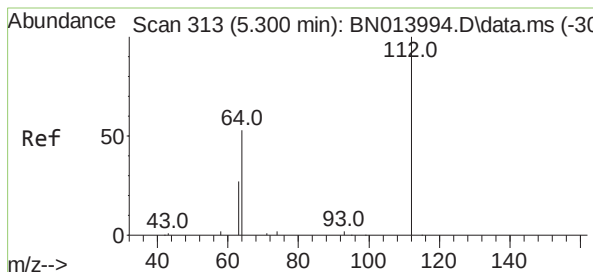
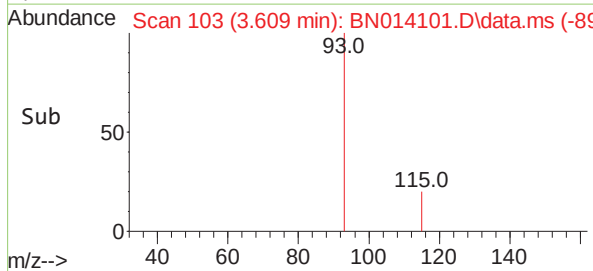
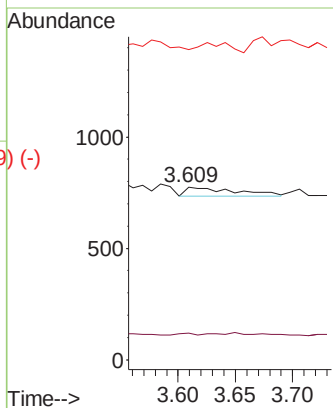
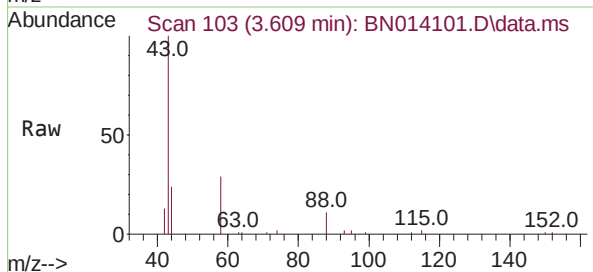




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.609 min Scan# 103
Delta R.T. 0.017 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

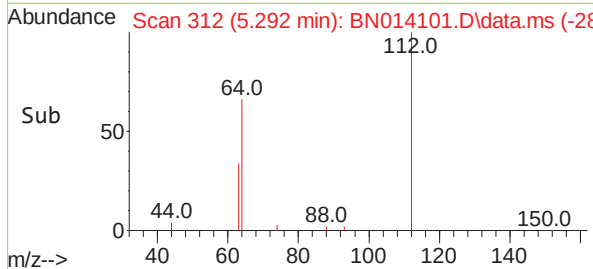
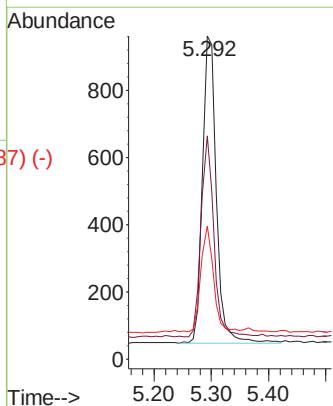
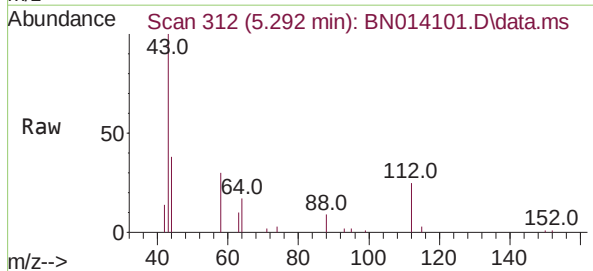
Instrument :
BNA_N
ClientSampleId :
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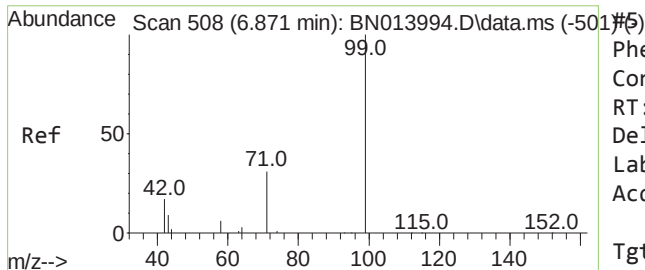
Tgt Ion:	42	Resp:	118
Ion	Ratio	Lower	Upper
42	100		
74	9.3	95.0	142.6#
44	65.3	5.8	8.8#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

Tgt Ion:	112	Resp:	1529
Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.3	66.5
63	31.1	23.0	34.6

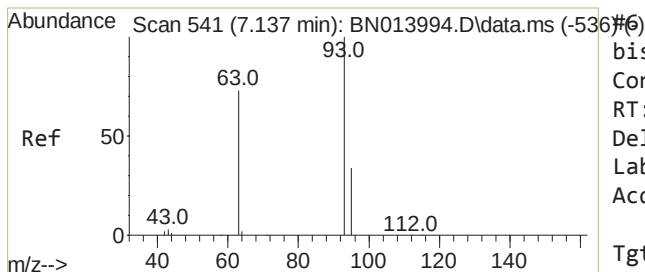
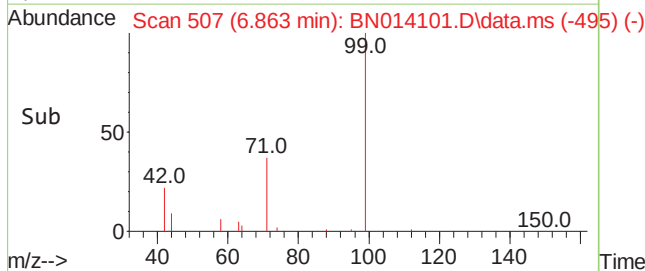
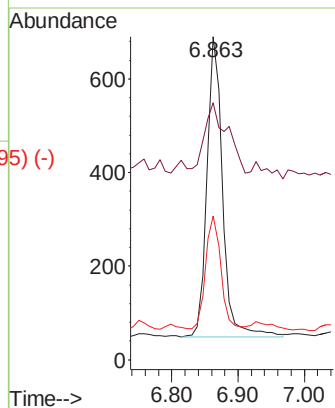
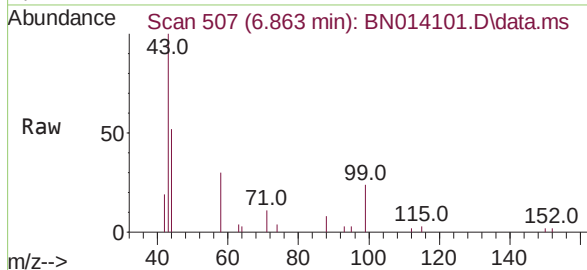




Phenol-d6
 Concen: 0.06 ng
 RT: 6.863 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: BN014101.D
 Acq: 25 Mar 2021 10:45

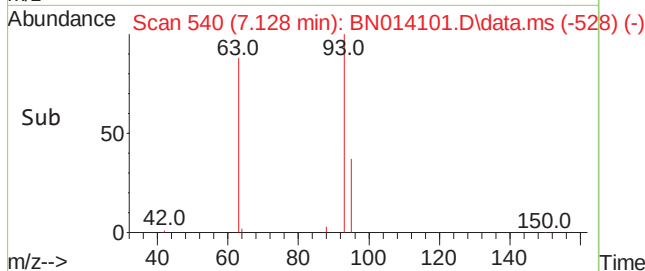
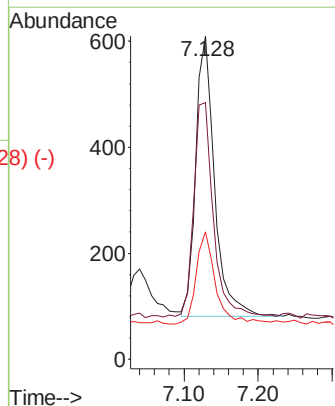
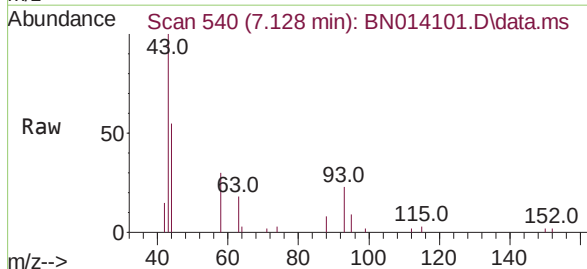
Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210322

Tgt Ion: 99 Resp: 1048
 Ion Ratio Lower Upper
 99 100
 42 34.4 15.2 22.8#
 71 37.0 26.1 39.1

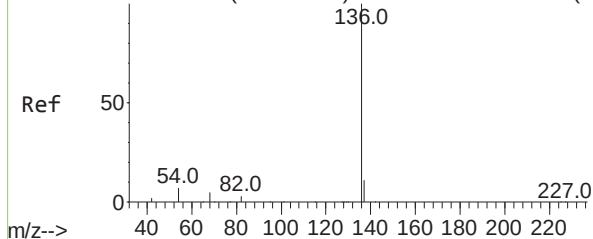


bis(2-Chloroethyl)ether
 Concen: 0.07 ng
 RT: 7.128 min Scan# 540
 Delta R.T. 0.000 min
 Lab File: BN014101.D
 Acq: 25 Mar 2021 10:45

Tgt Ion: 93 Resp: 933
 Ion Ratio Lower Upper
 93 100
 63 79.7 60.8 91.2
 95 33.7 26.0 39.0



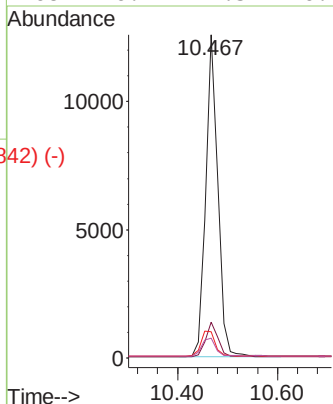
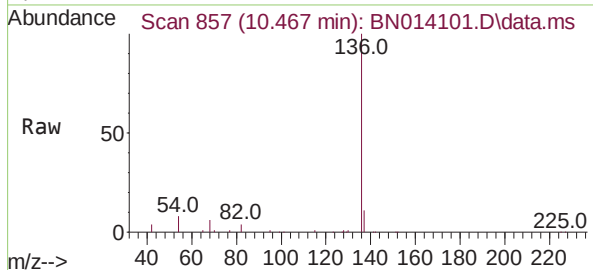
Abundance Scan 858 (10.480 min): BN013994.D\data.ms (-85#7-)



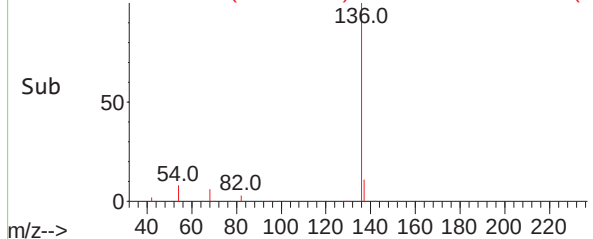
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

Instrument :
BNA_N
ClientSampleId :
RE105D2-20210322

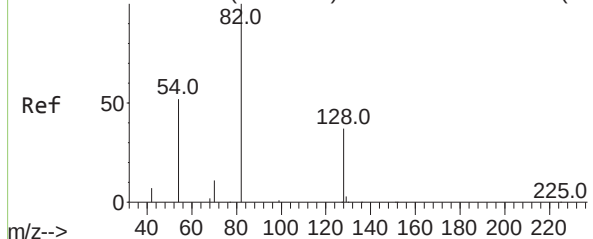
Tgt Ion:	136	Resp:	20820
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.1	6.4	9.6
68	6.1	4.5	6.7



Abundance Scan 857 (10.467 min): BN014101.D\data.ms (-842) (-)

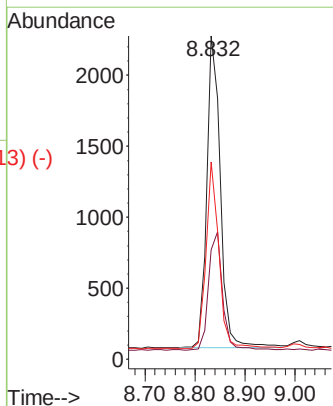
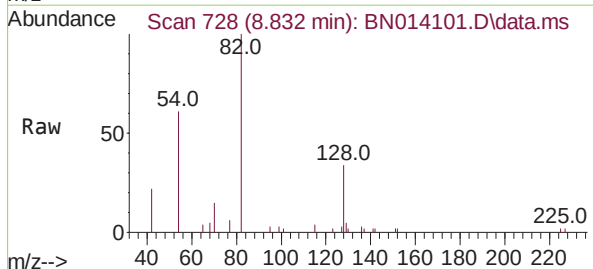


Abundance Scan 729 (8.845 min): BN013994.D\data.ms (-726#8)

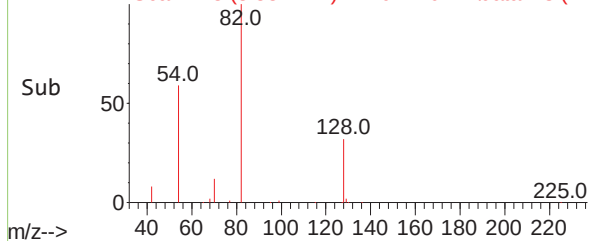


Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

Tgt Ion:	82	Resp:	4144
Ion	Ratio	Lower	Upper
82	100		
128	33.9	39.2	58.8#
54	60.9	40.1	60.1#



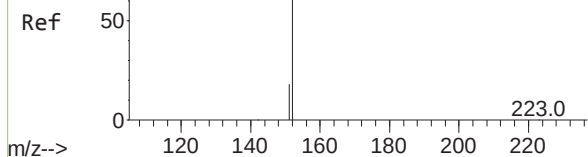
Abundance Scan 728 (8.832 min): BN014101.D\data.ms (-713) (-)



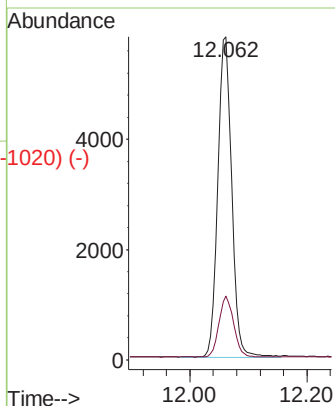
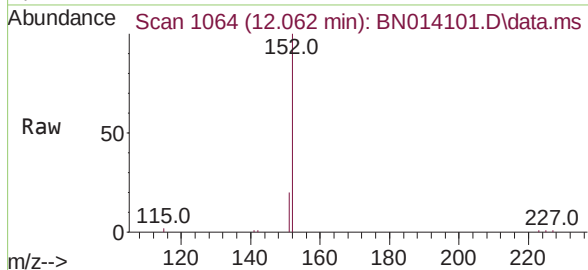
Abundance Scan 1066 (12.071 min): BN013994.D\data.ms (-1035) (-)

2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

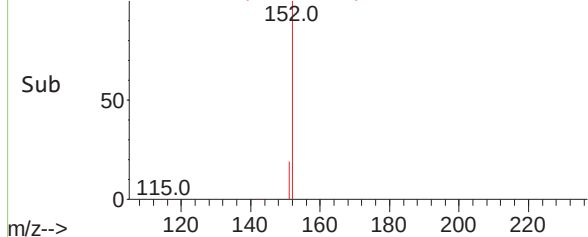
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210322



Tgt Ion:152 Resp: 9455
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2



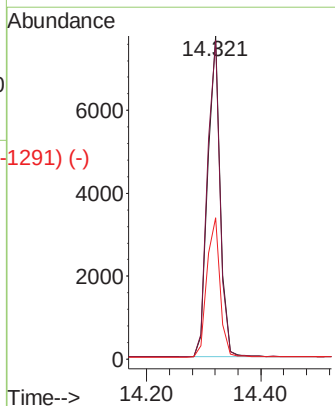
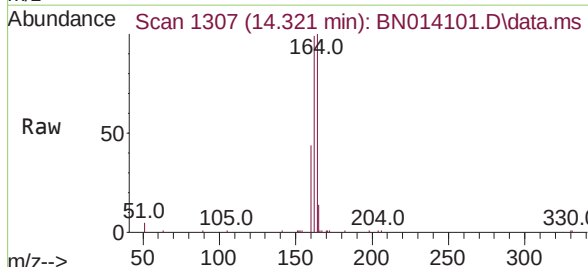
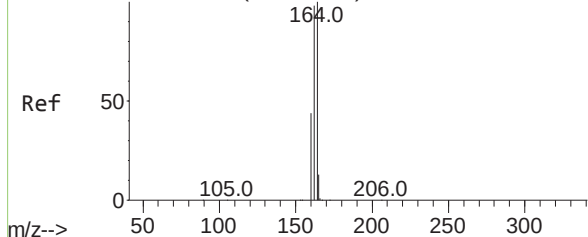
Abundance Scan 1064 (12.062 min): BN014101.D\data.ms (-1020) (-)



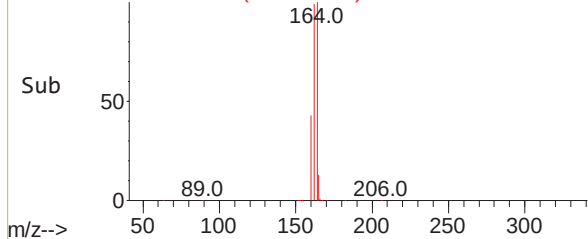
Abundance Scan 1308 (14.334 min): BN013994.D\data.ms (-1310) (-)

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

Tgt Ion:164 Resp: 11746
Ion Ratio Lower Upper
164 100
162 98.5 79.6 119.4
160 43.8 36.0 54.0



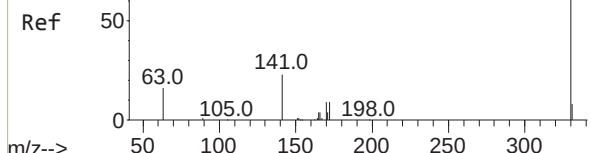
Abundance Scan 1307 (14.321 min): BN014101.D\data.ms (-1291) (-)



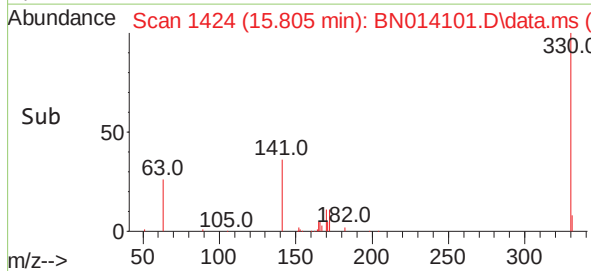
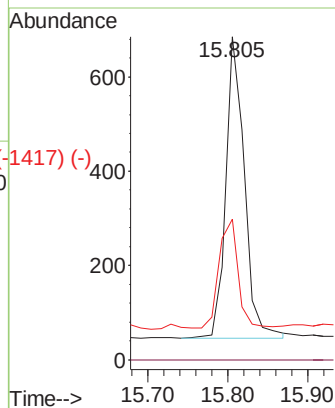
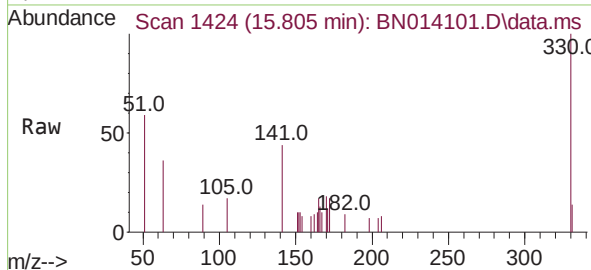
Abundance Scan 1425 (15.818 min): BN013994.D\data.ms (-1419) (-)

2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

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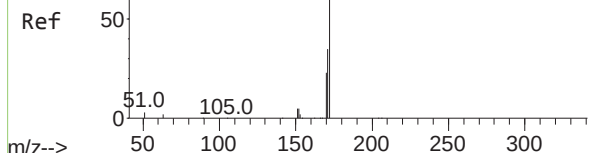


Tgt Ion:330 Resp: 1042
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.0 26.8 40.2

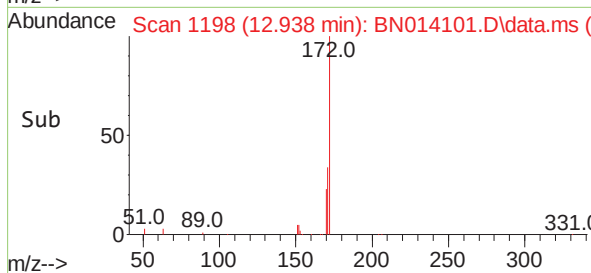
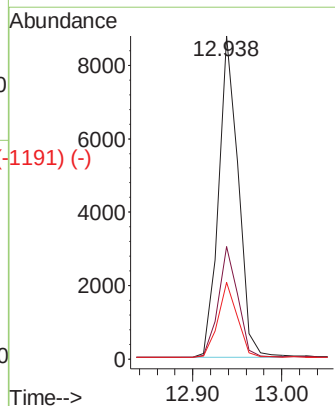
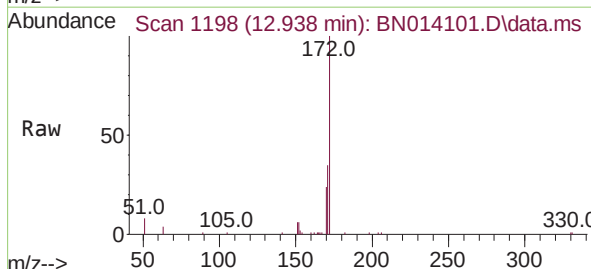


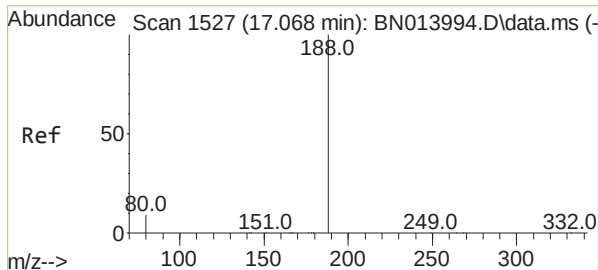
Abundance Scan 1199 (12.951 min): BN013994.D\data.ms (-1191) (-)

2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45



Tgt Ion:172 Resp: 13502
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.8 18.9 28.3

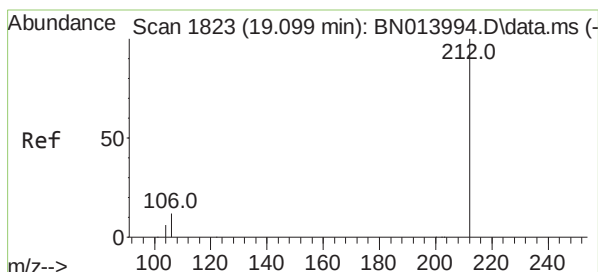
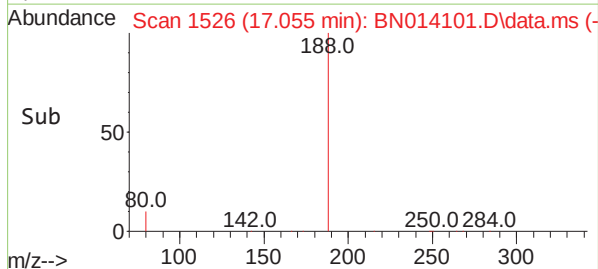
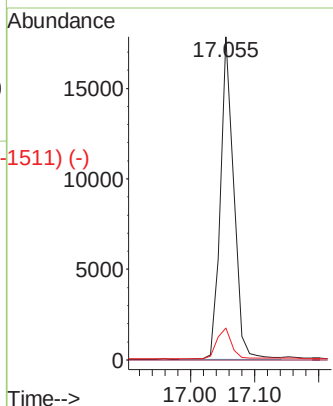
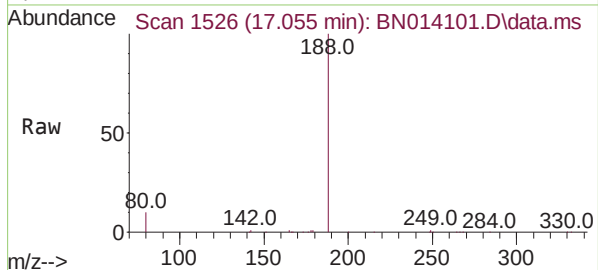




Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

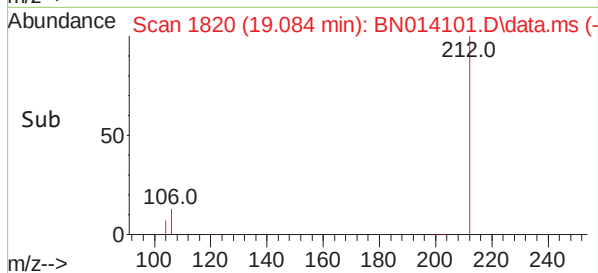
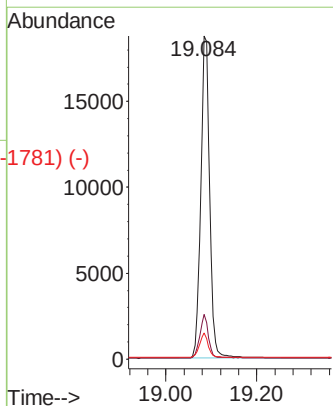
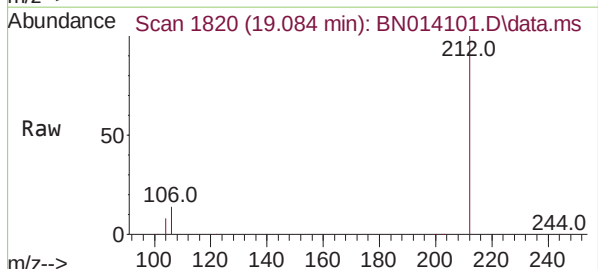
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Tgt Ion:	188	Resp:	25398
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	9.0	13.6



Fluoranthene-d10
Concen: 0.36 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

Tgt Ion:	212	Resp:	25402
Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.7	14.5
104	7.3	5.5	8.3



Abundance Scan 2123 (21.250 min): BN013994.D\data.ms (-129) (-)

Chrysene-d12

Concen: 0.40 ng

RT: 21.229 min Scan# 2121

Delta R.T. -0.010 min

Lab File: BN014101.D

Acq: 25 Mar 2021 10:45

Tgt Ion:240 Resp: 24071

Ion Ratio Lower Upper

240 100

120 14.5 10.2 15.4

236 26.6 21.3 31.9

Instrument :

BNA_N

ClientSampleId :

RE105D2-20210322

Abundance Scan 2121 (21.229 min): BN014101.D\data.ms

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240 260 280

Abundance Scan 2121 (21.229 min): BN014101.D\data.ms (-2103) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240 260 280

Abundance Scan 2121 (21.229 min): BN014101.D\data.ms (-2103) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240 260 280

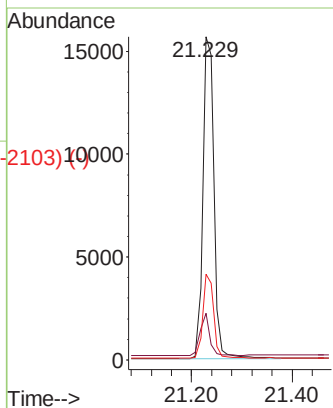
Abundance Scan 2121 (21.229 min): BN014101.D\data.ms (-2103) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240 260 280



Abundance Scan 1944 (19.700 min): BN013994.D\data.ms (-1936) (-)

Terphenyl-d14

Concen: 0.56 ng

RT: 19.685 min Scan# 1941

Delta R.T. -0.005 min

Lab File: BN014101.D

Acq: 25 Mar 2021 10:45

Tgt Ion:244 Resp: 29729

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 11.9 9.8 14.8

Abundance Scan 1941 (19.685 min): BN014101.D\data.ms

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240

Abundance Scan 1941 (19.685 min): BN014101.D\data.ms (-1912) (-)

Ref 50

Raw 50

Sub 50

m/z--> 100 120 140 160 180 200 220 240

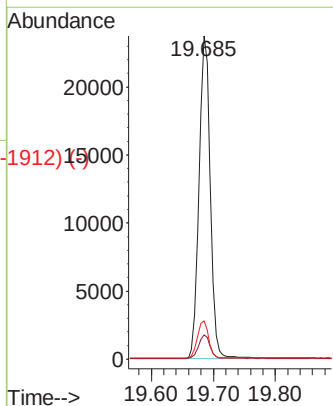
Abundance Scan 1941 (19.685 min): BN014101.D\data.ms (-1912) (-)

Ref 50

Raw 50

Sub 50

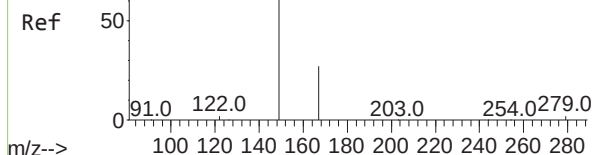
m/z--> 100 120 140 160 180 200 220 240



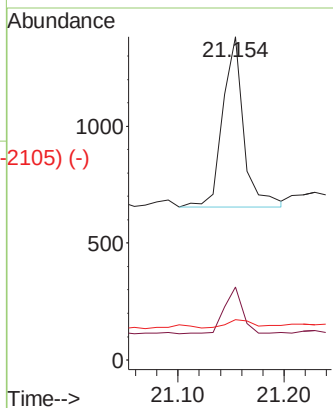
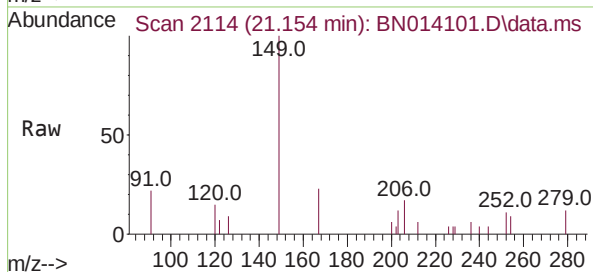
Abundance Scan 2115 (21.165 min): BN013994.D\data.ms (-2115) (-)

Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

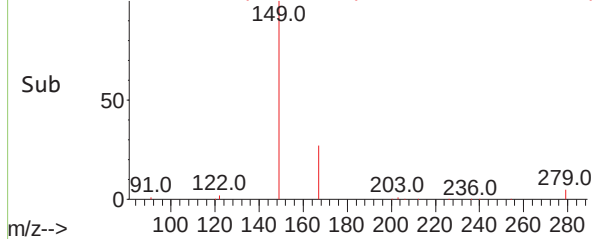
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210322



Tgt Ion:	149	Resp:	996
Ion	Ratio	Lower	Upper
149	100		
167	24.2	22.1	33.1
279	6.6	3.5	5.3#



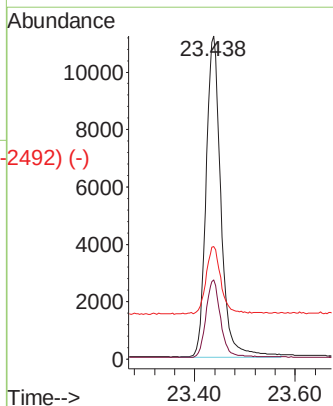
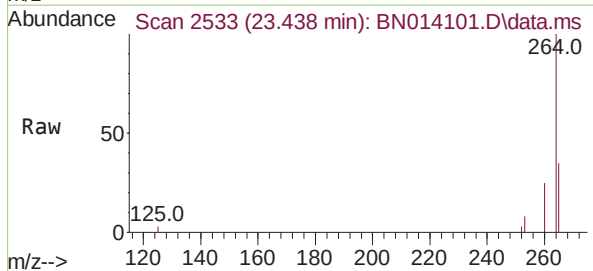
Abundance Scan 2114 (21.154 min): BN014101.D\data.ms (-2105) (-)



Abundance Scan 2539 (23.458 min): BN013994.D\data.ms (-2539) (-)

Perylene-d12
Concen: 0.40 ng
RT: 23.438 min Scan# 2533
Delta R.T. -0.010 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

Tgt Ion:	264	Resp:	22995
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	34.9	66.2	99.4#



Abundance Scan 2533 (23.438 min): BN014101.D\data.ms (-2492) (-)

