

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)

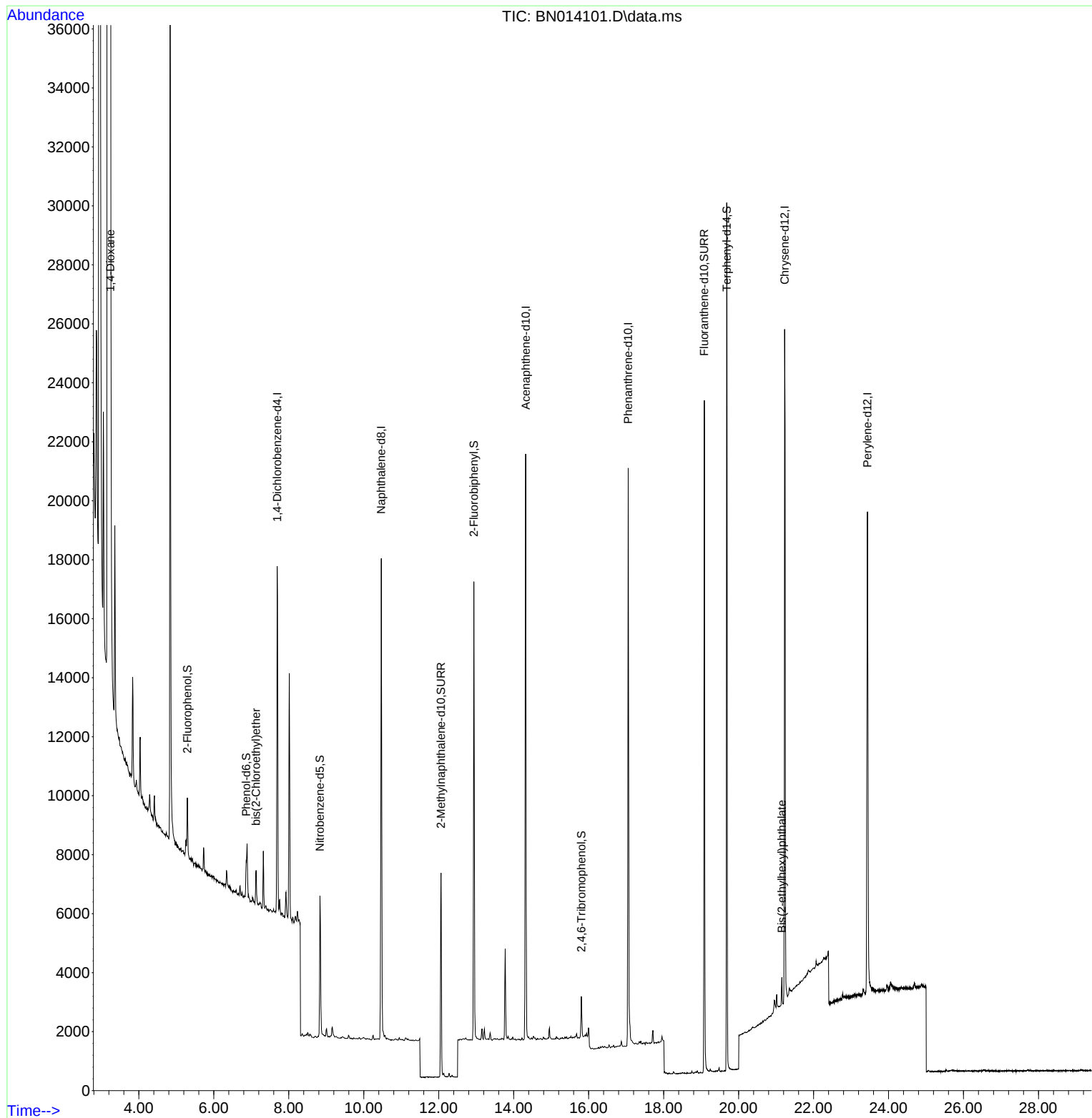
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5554	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	20820	0.40	ng	-0.01
13) Acenaphthene-d10	14.321	164	11746	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	25398	0.40	ng	-0.01
29) Chrysene-d12	21.229	240	24071	0.40	ng	-0.01
36) Perylene-d12	23.438	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						
2) 1,4-Dioxane	3.239	88	27253	3.72	ng	Qvalue 95
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

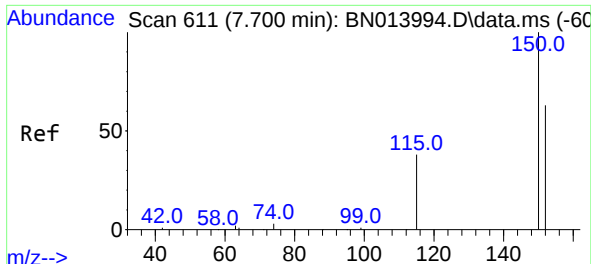
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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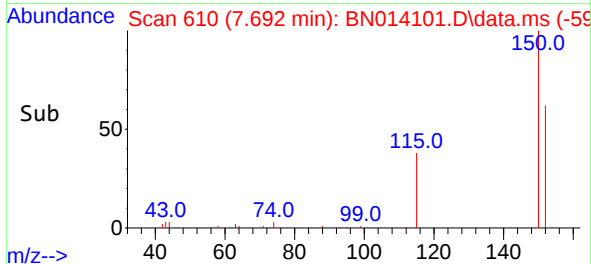
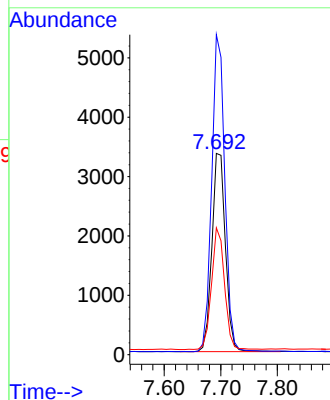
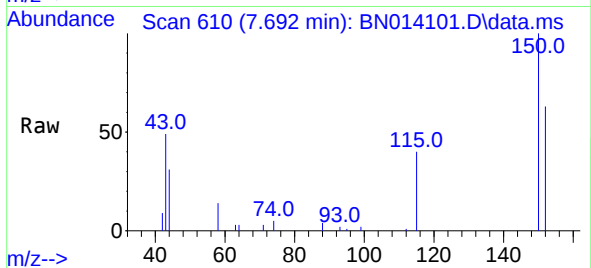




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.692 min Scan# 610
Delta R.T. -0.008 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

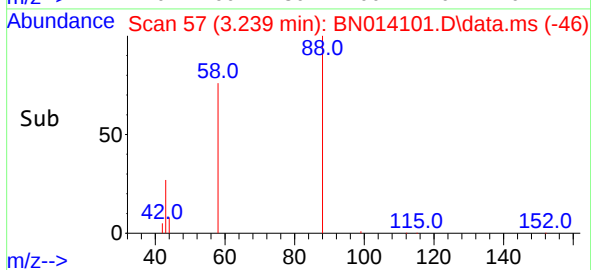
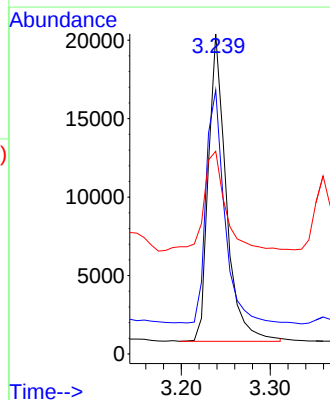
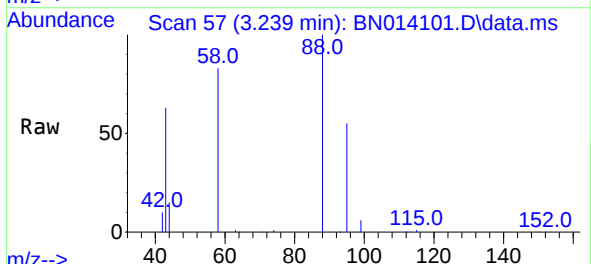
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210322

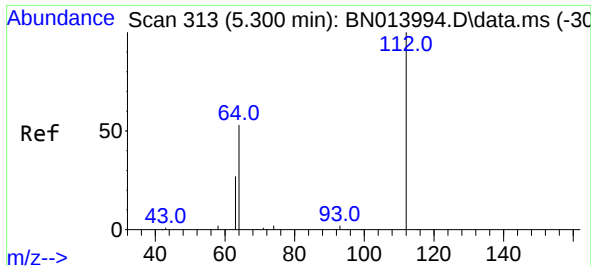
Tgt Ion:152 Resp: 5554
Ion Ratio Lower Upper
152 100
150 159.0 121.8 182.8
115 63.0 46.6 69.8



#2
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

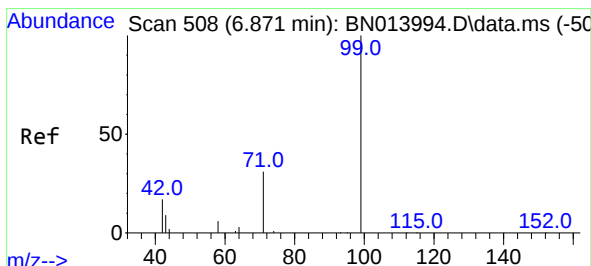
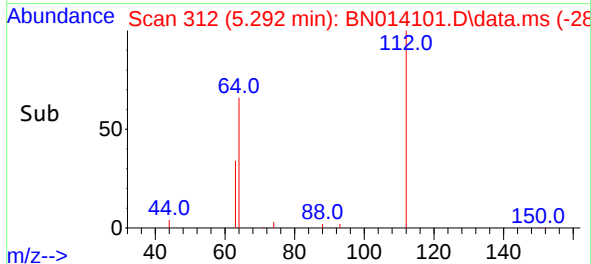
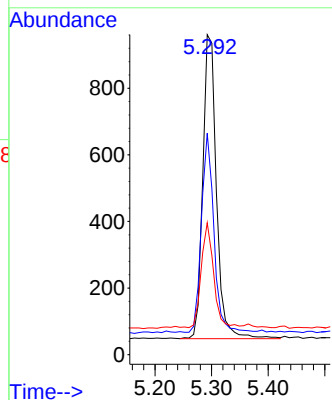
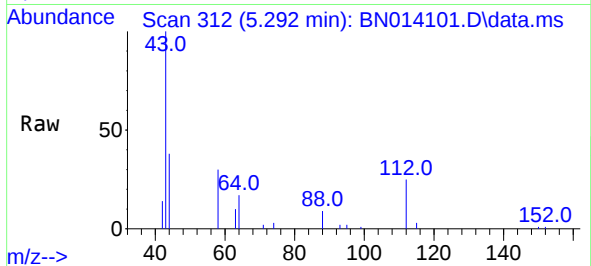




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

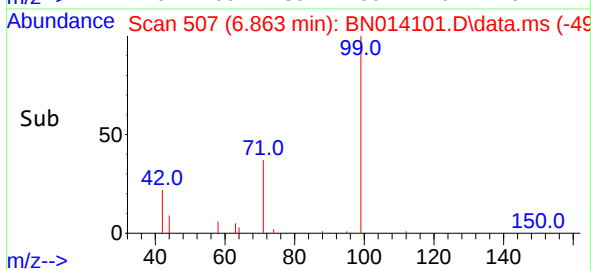
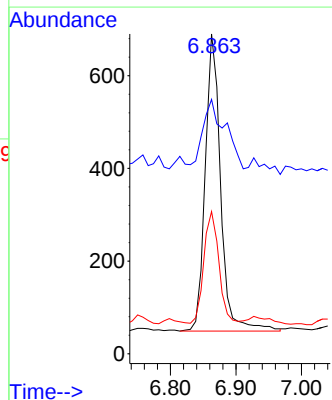
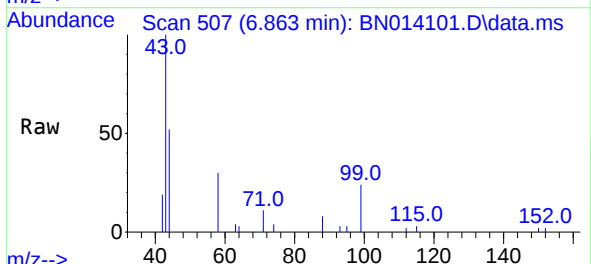
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210322

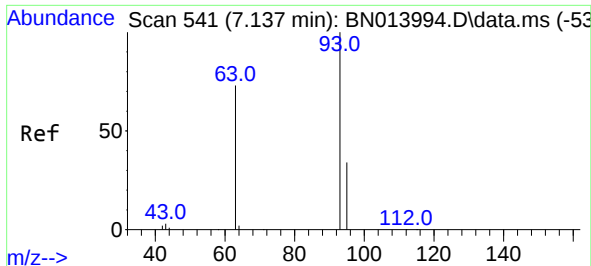
Tgt Ion:112 Resp: 1529
Ion Ratio Lower Upper
112 100
64 59.7 44.3 66.5
63 31.1 23.0 34.6



#5
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

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

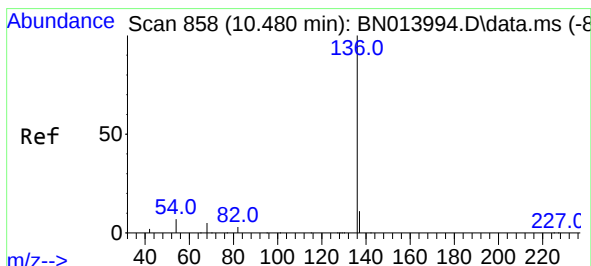
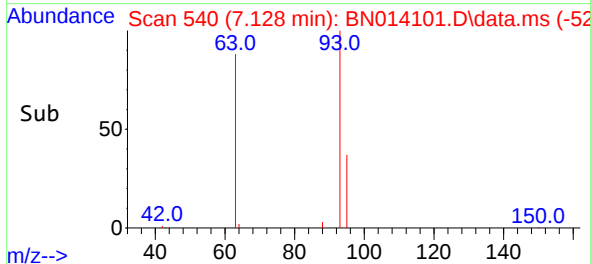
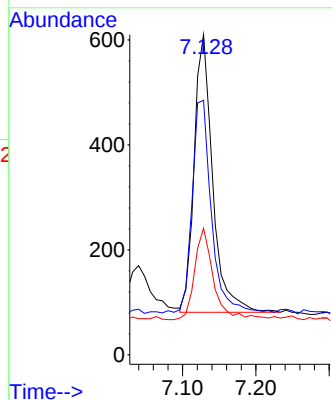
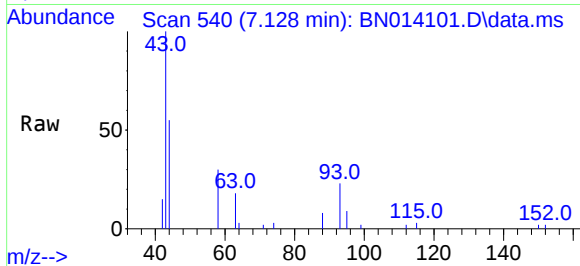




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.128 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

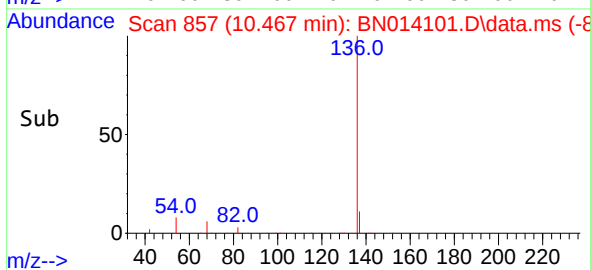
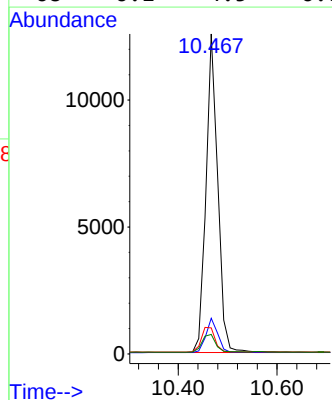
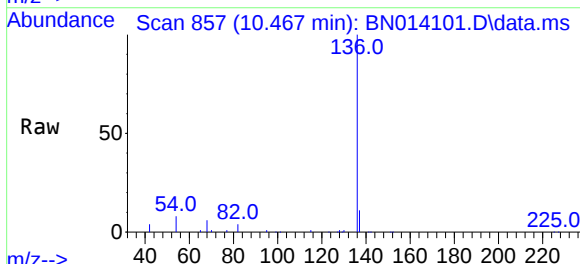
Instrument :
BNA_N
ClientSampleId :
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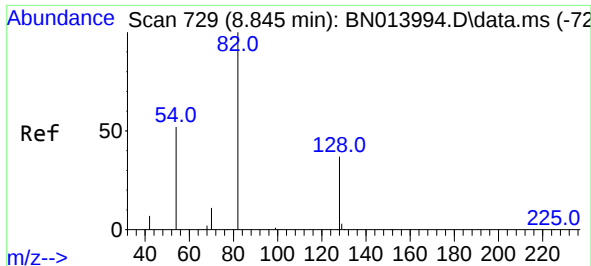
Tgt Ion:	93	Resp:	933
Ion	Ratio	Lower	Upper
93	100		
63	79.7	60.8	91.2
95	33.7	26.0	39.0



#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

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

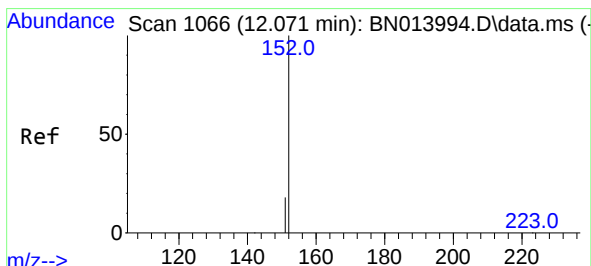
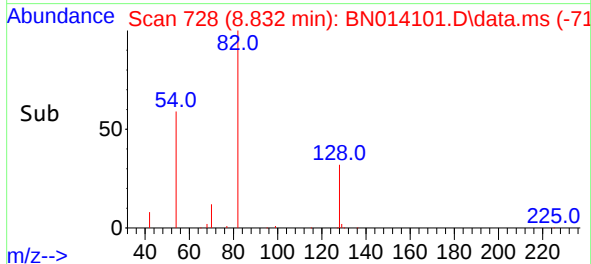
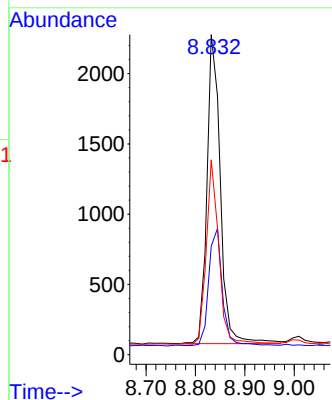
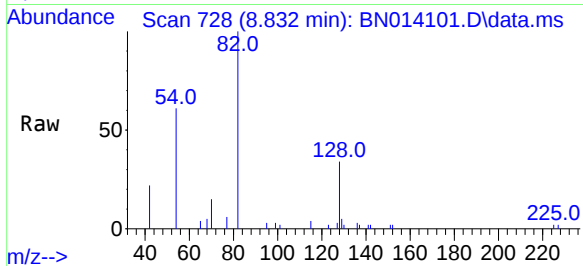




#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

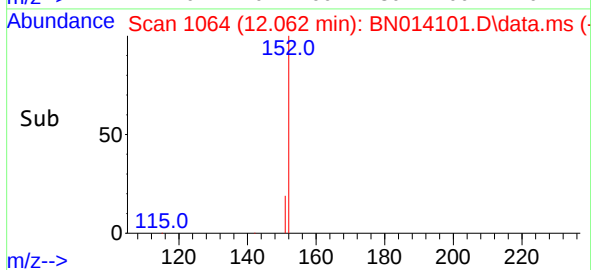
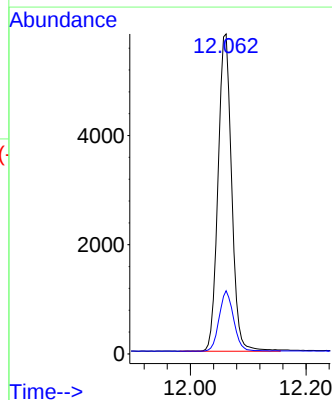
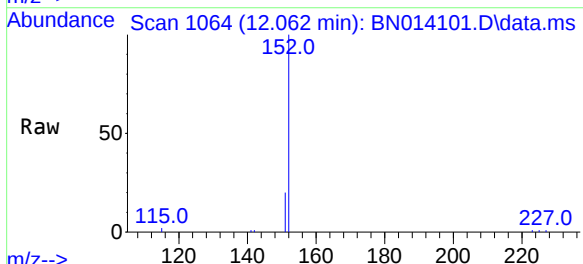
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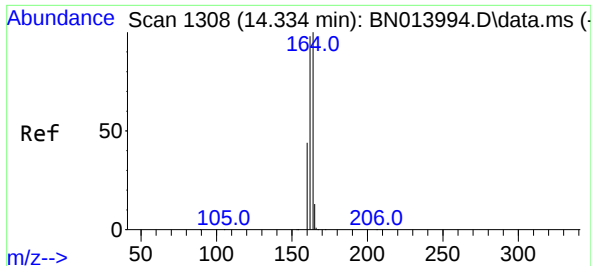
Tgt Ion: 82 Resp: 4144
Ion Ratio Lower Upper
82 100
128 33.9 39.2 58.8#
54 60.9 40.1 60.1#



#11
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

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

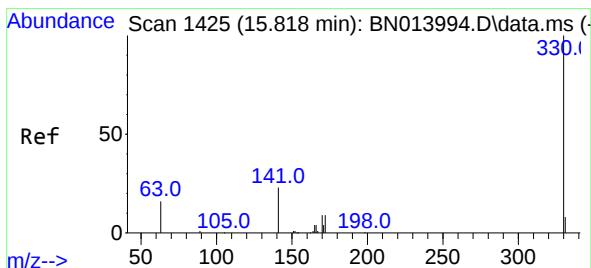
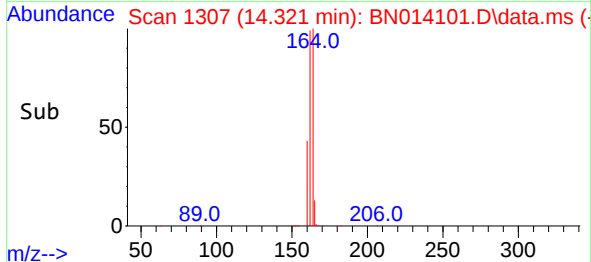
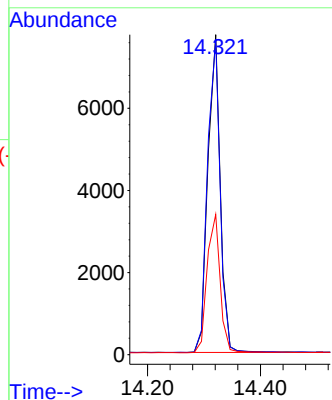
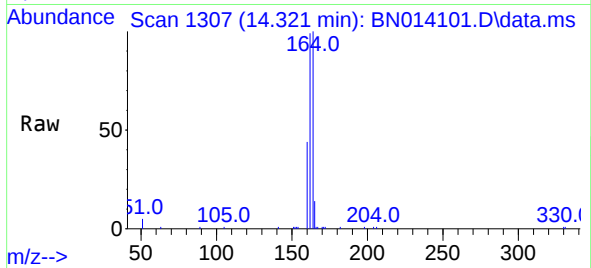




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

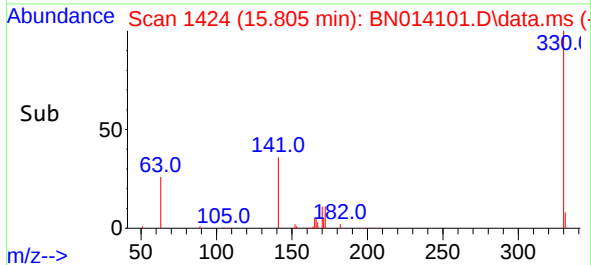
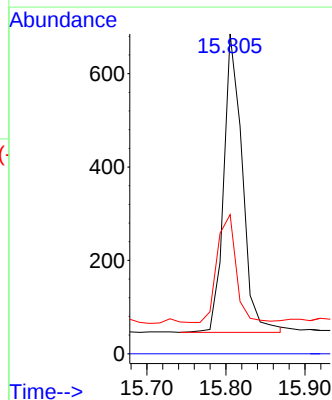
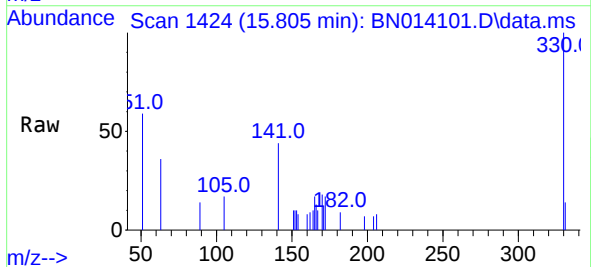
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ClientSampleId :
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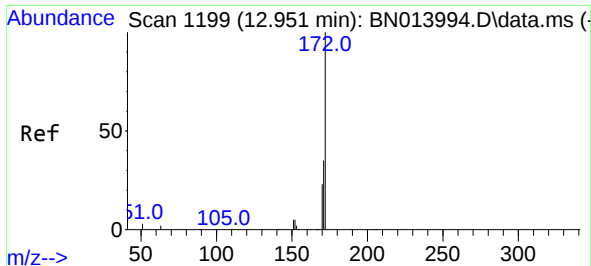
Tgt Ion:164 Resp: 11746
Ion Ratio Lower Upper
164 100
162 98.5 79.6 119.4
160 43.8 36.0 54.0



#14
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

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

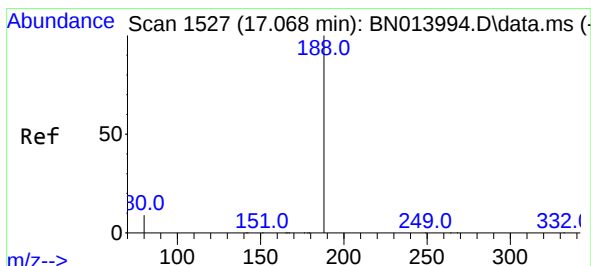
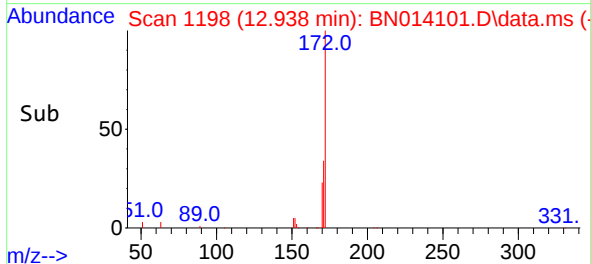
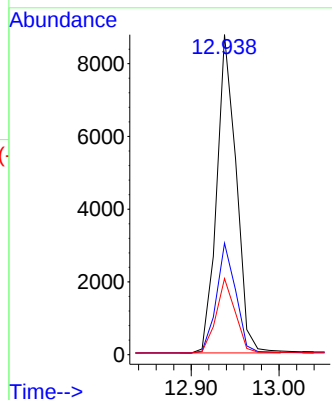
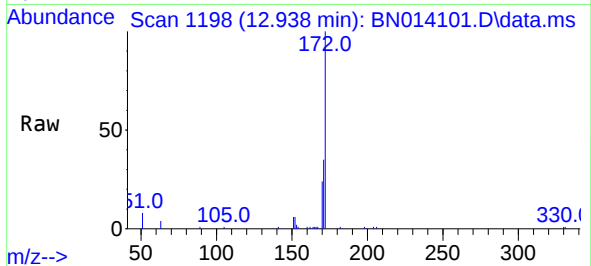




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

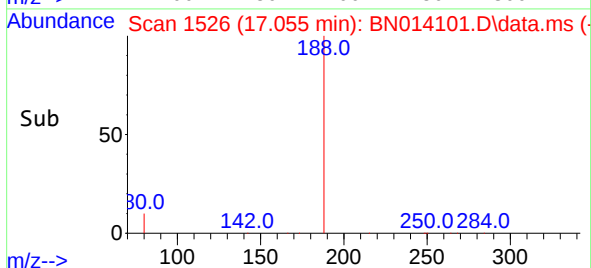
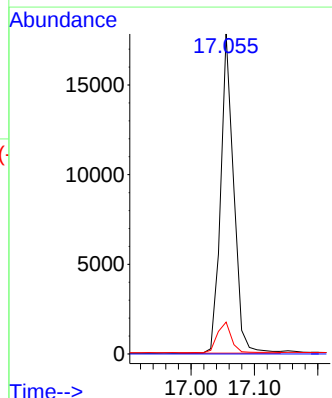
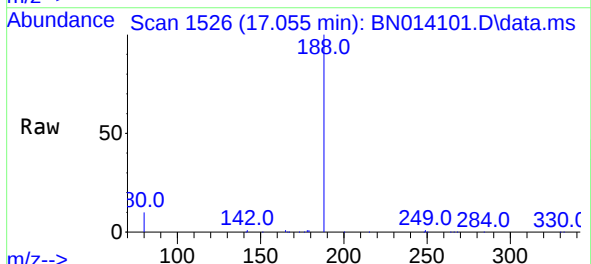
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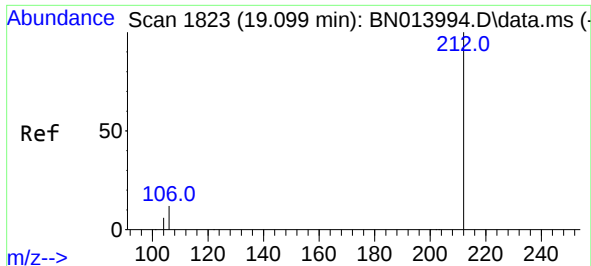
Tgt Ion:172 Resp: 13502
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.8 18.9 28.3



#19
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

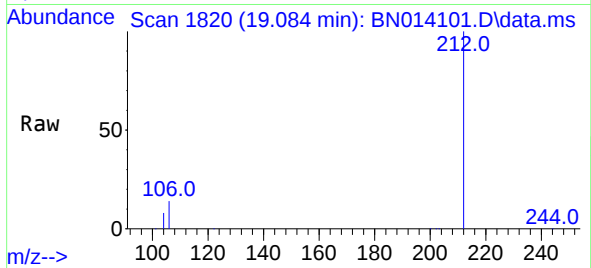
Tgt Ion:188 Resp: 25398
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 9.0 13.6



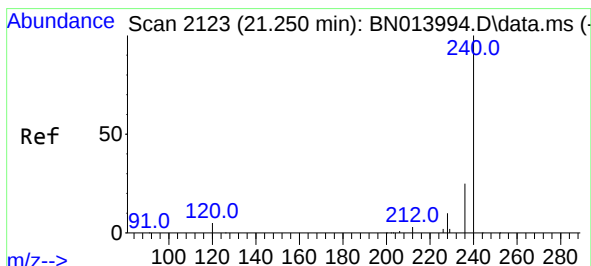
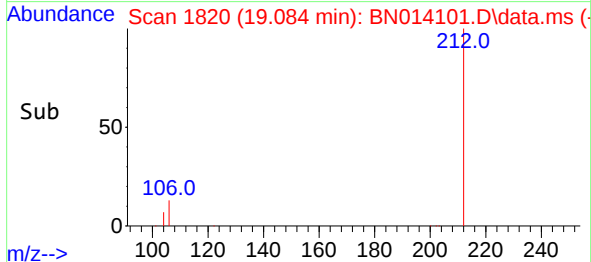
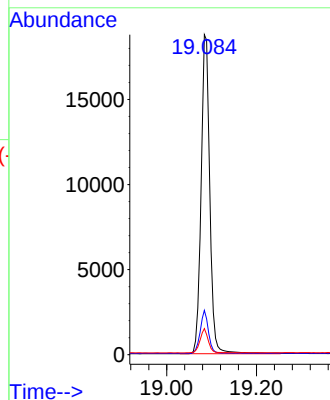


#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.084 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

Instrument :
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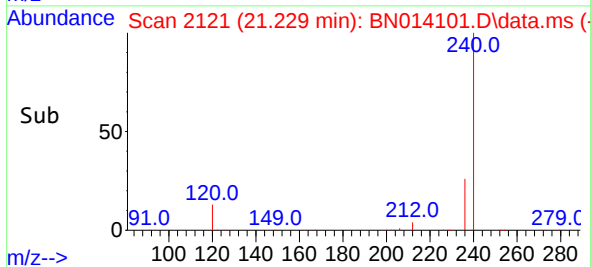
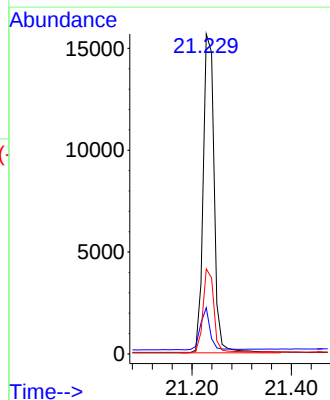
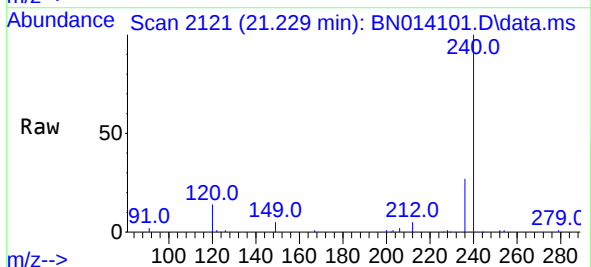


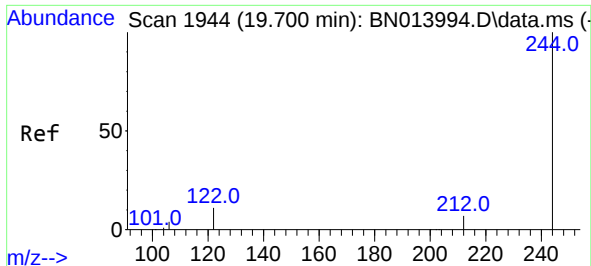
Tgt Ion:212 Resp: 25402
Ion Ratio Lower Upper
212 100
106 12.7 9.7 14.5
104 7.3 5.5 8.3



#29
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

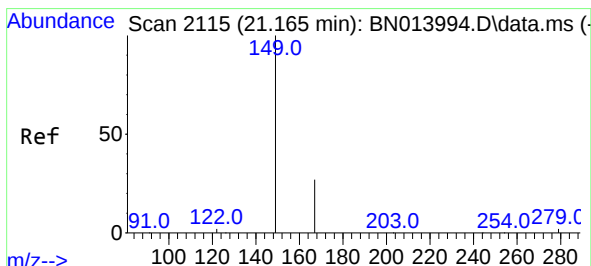
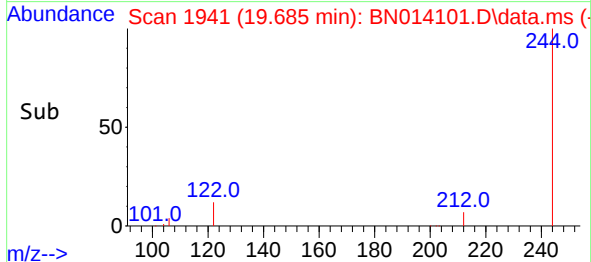
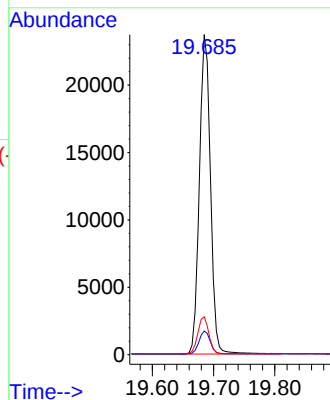
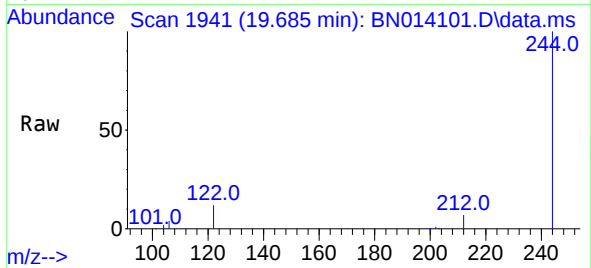




#31
Terphenyl-d14
Concen: 0.56 ng
RT: 19.685 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BN014101.D
Acq: 25 Mar 2021 10:45

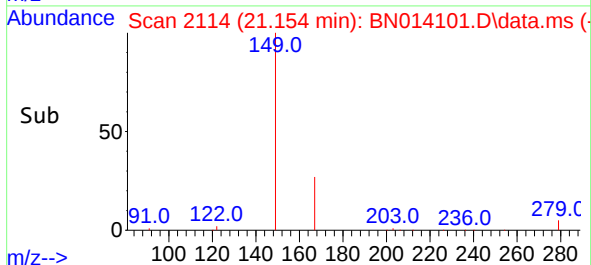
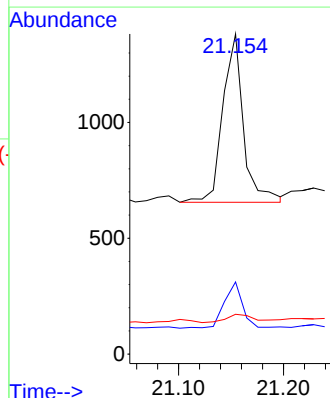
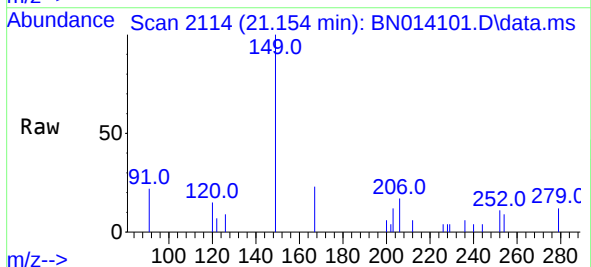
Instrument :
BNA_N
ClientSampleId :
RE105D2-20210322

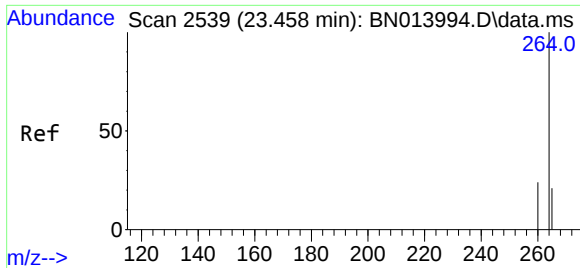
Tgt Ion:244 Resp: 29729
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 11.9 9.8 14.8



#34
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

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#





#36
 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

Instrument :
 BNA_N
 ClientSampleId :
 RE105D2-20210322

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#

