

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
 Data File : BN014080.D
 Acq On : 24 Mar 2021 20:59
 Operator : CG/JU
 Sample : M1787-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE-122D1-20210319

Quant Time: Mar 25 05:38:20 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)

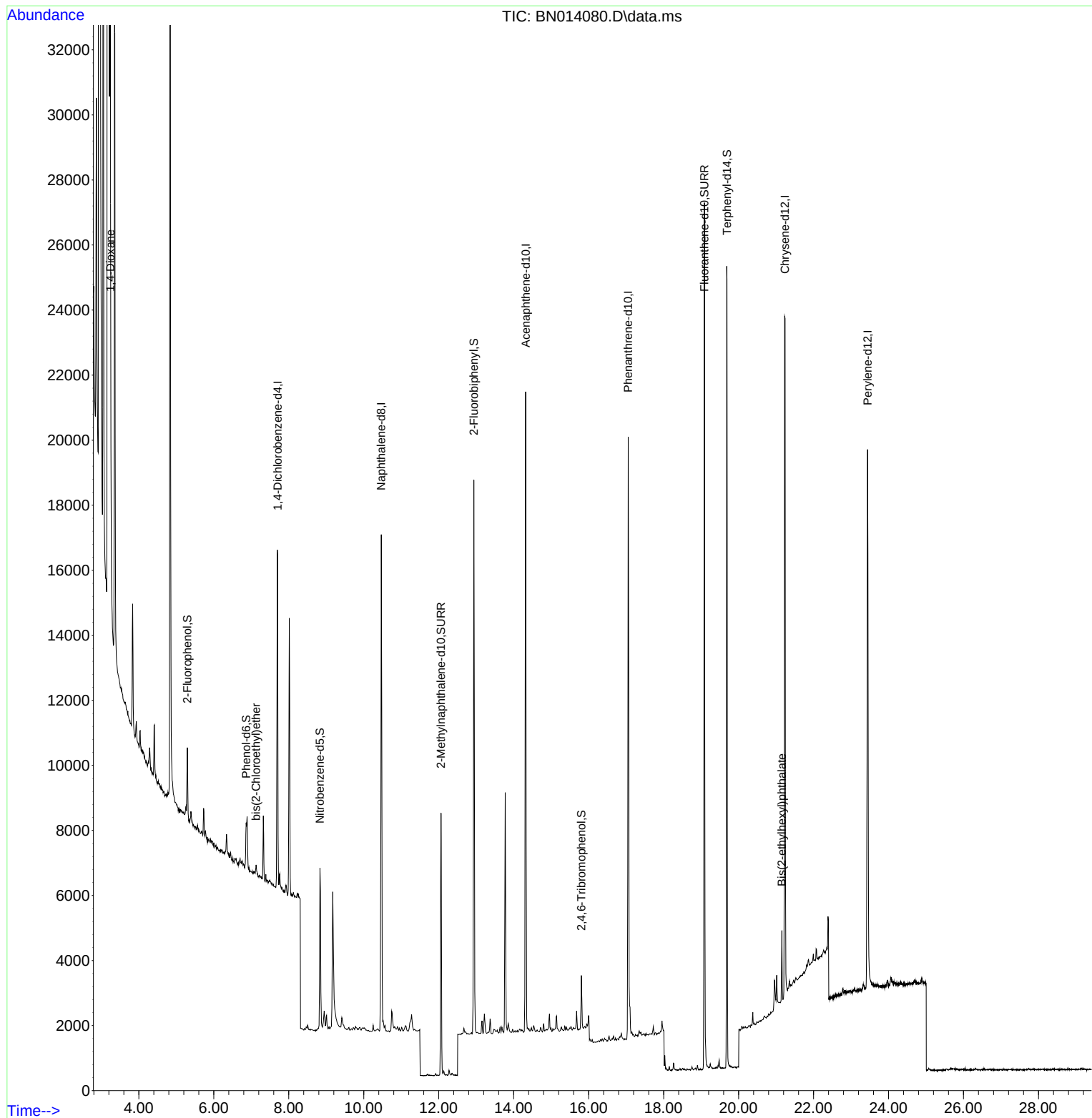
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5068	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	19682	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	11437	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	24698	0.40	ng	-0.01
29) Chrysene-d12	21.239	240	23499	0.40	ng	# 0.00
36) Perylene-d12	23.441	264	22336	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1659	0.14	ng	0.00
5) Phenol-d6	6.863	99	1192	0.08	ng	0.00
8) Nitrobenzene-d5	8.832	82	4362	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10829	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1190	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	14334	0.34	ng	-0.01
27) Fluoranthene-d10	19.089	212	29940	0.44	ng	0.00
31) Terphenyl-d14	19.690	244	25272	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	18657	2.79	ng	96
6) bis(2-Chloroethyl)ether	7.128	93	273	0.02	ng	96
34) Bis(2-ethylhexyl)phtha...	21.154	149	1960	0.08	ng	93

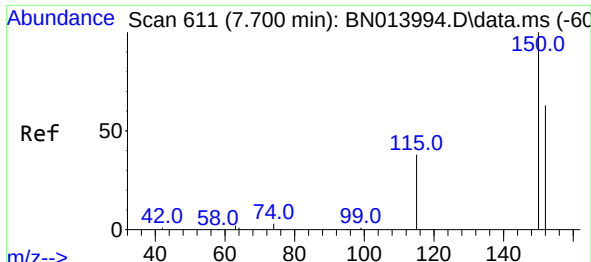
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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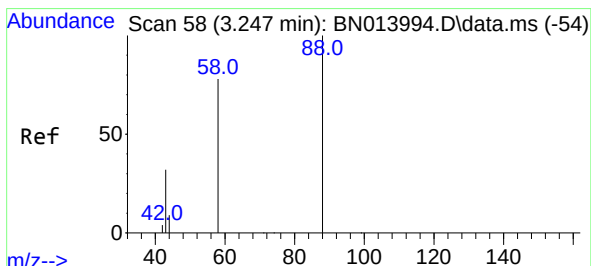
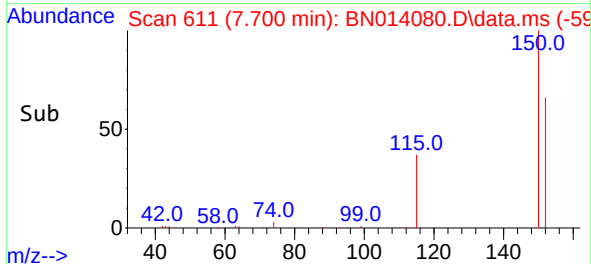
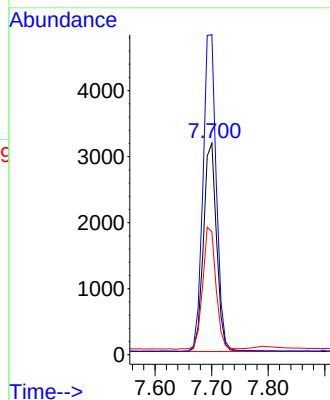
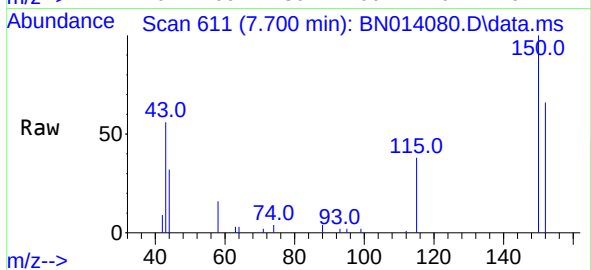


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014080.D
 Acq: 24 Mar 2021 20:59

Instrument :
 BNA_N
 ClientSampleId :
 RE-122D1-20210319

Tgt Ion: 152 Resp: 5068

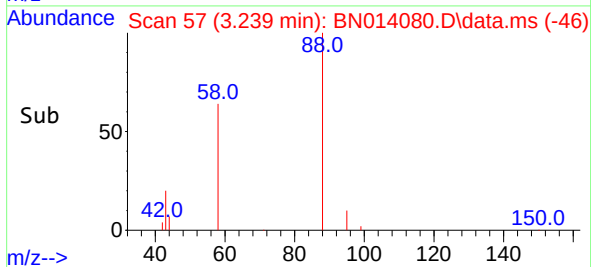
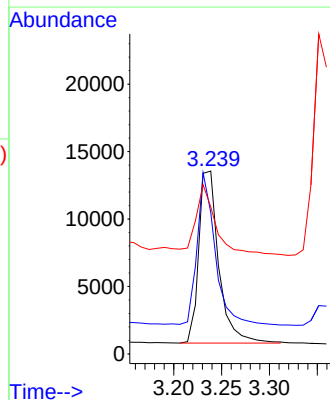
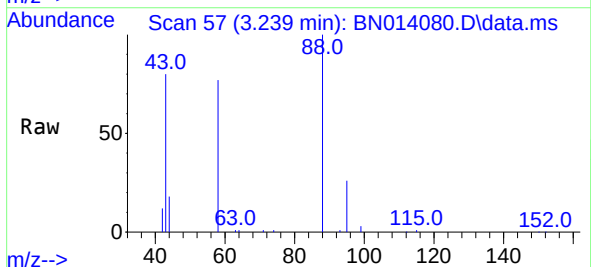
Ion	Ratio	Lower	Upper
152	100		
150	151.3	121.8	182.8
115	58.2	46.6	69.8

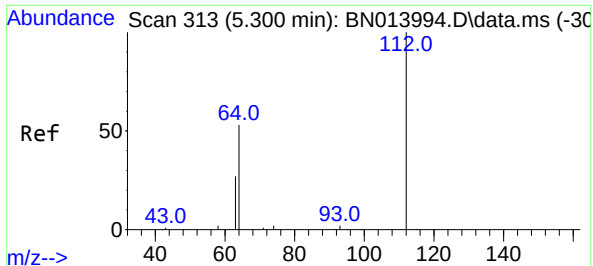


#2
 1,4-Dioxane
 Concen: 2.79 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014080.D
 Acq: 24 Mar 2021 20:59

Tgt Ion: 88 Resp: 18657

Ion	Ratio	Lower	Upper
88	100		
58	79.2	64.6	96.8
43	38.9	26.6	40.0



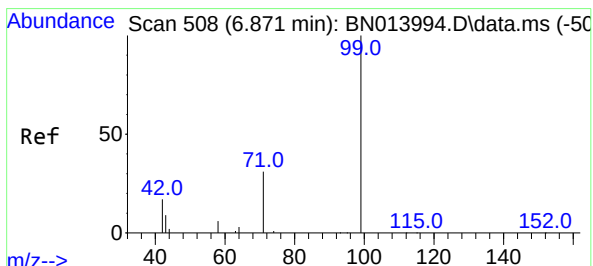
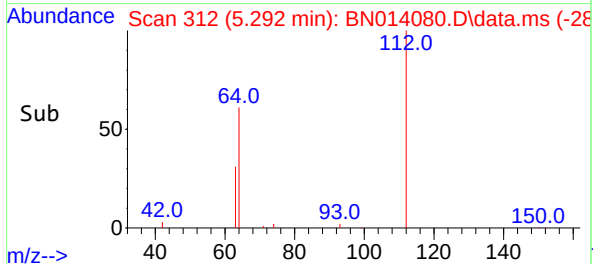
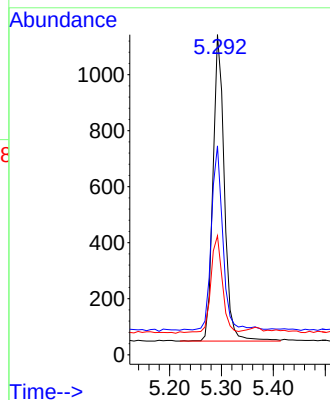
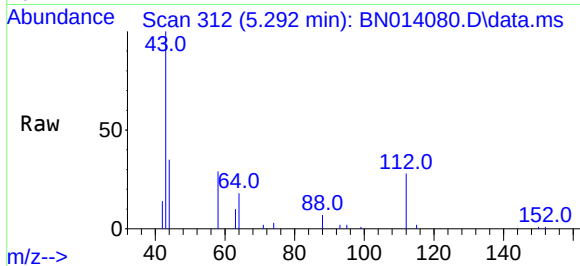


#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319

Tgt Ion: 112 Resp: 1659

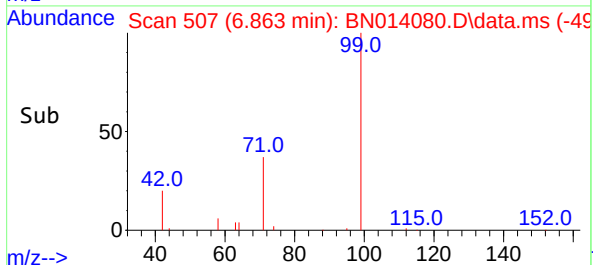
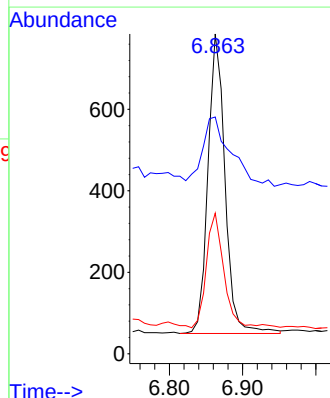
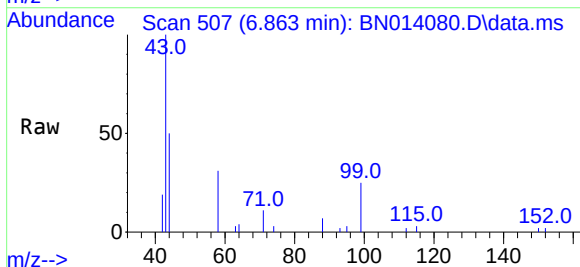
Ion	Ratio	Lower	Upper
112	100		
64	61.2	44.3	66.5
63	32.8	23.0	34.6

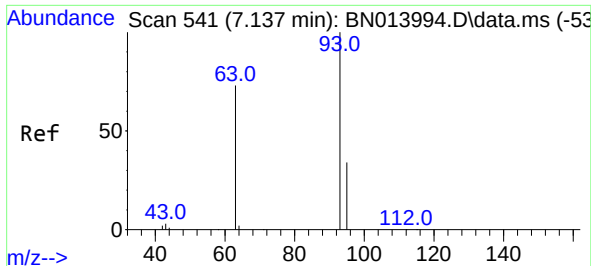


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion: 99 Resp: 1192

Ion	Ratio	Lower	Upper
99	100		
42	36.4	15.2	22.8#
71	38.8	26.1	39.1

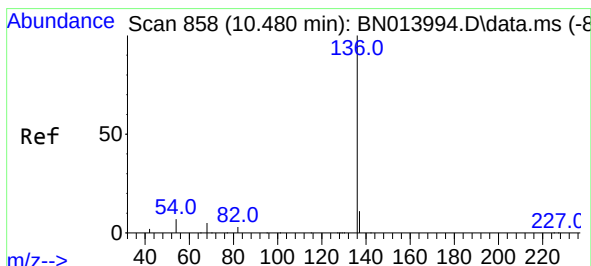
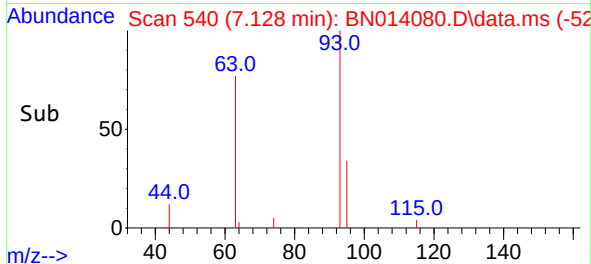
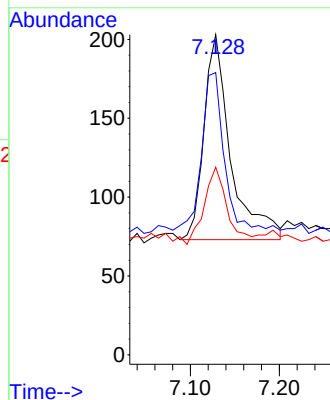
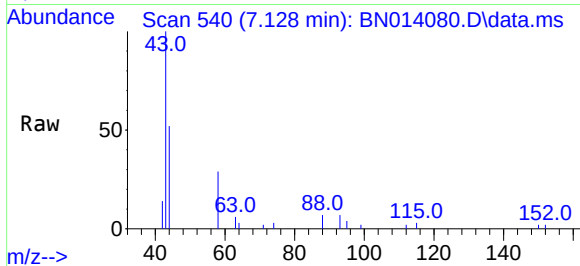




#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.128 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

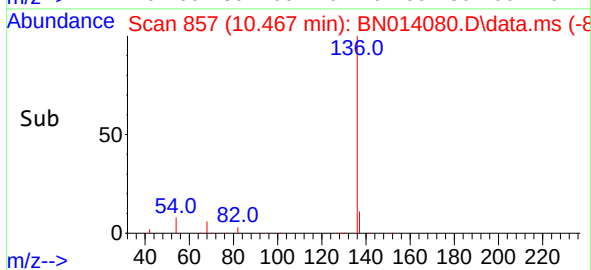
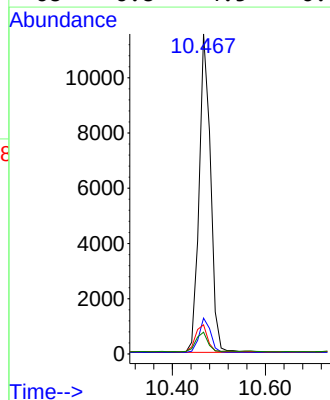
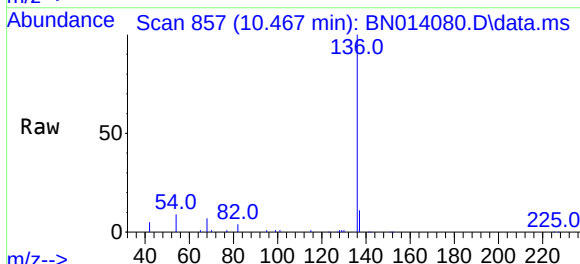
Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319

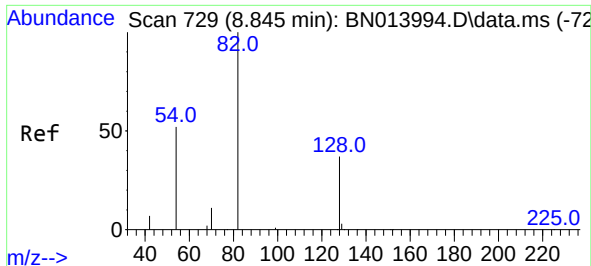
Tgt Ion:	93	Resp:	273
Ion	Ratio	Lower	Upper
93	100		
63	70.7	60.8	91.2
95	32.2	26.0	39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:	136	Resp:	19682
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.1	6.4	9.6
68	6.8	4.5	6.7

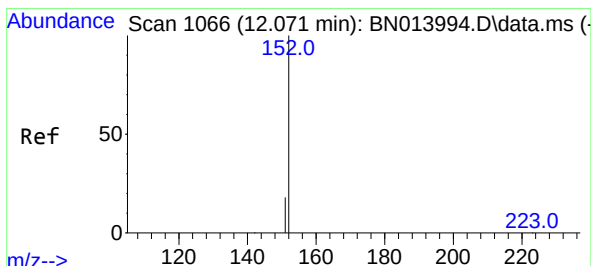
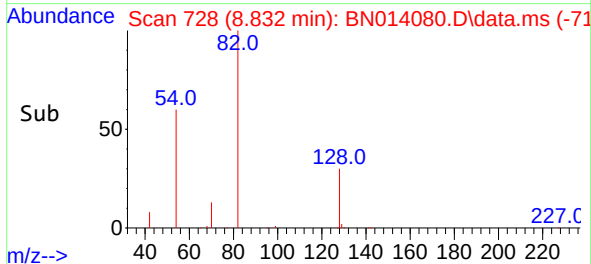
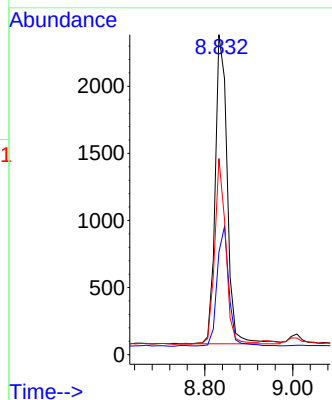
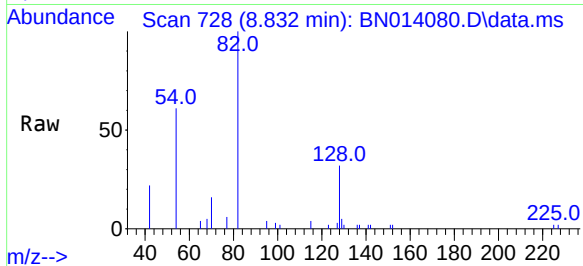




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

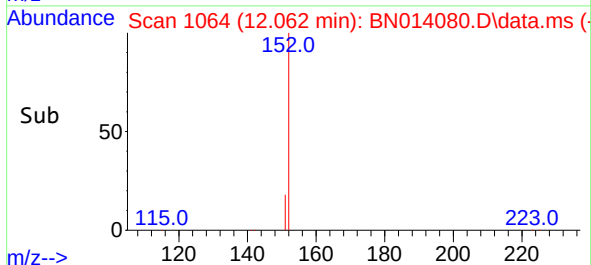
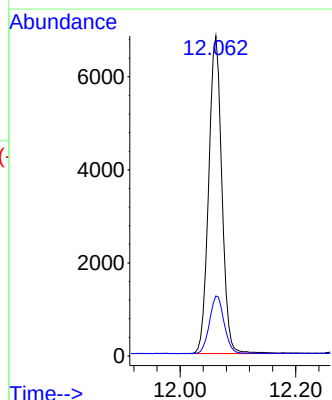
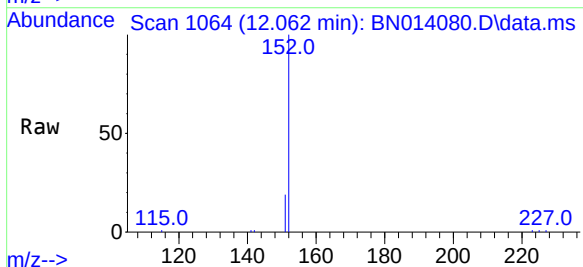
Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319

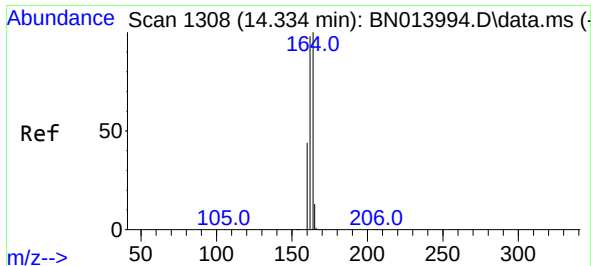
Tgt Ion: 82 Resp: 4362
Ion Ratio Lower Upper
82 100
128 32.0 39.2 58.8#
54 61.3 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion: 152 Resp: 10829
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



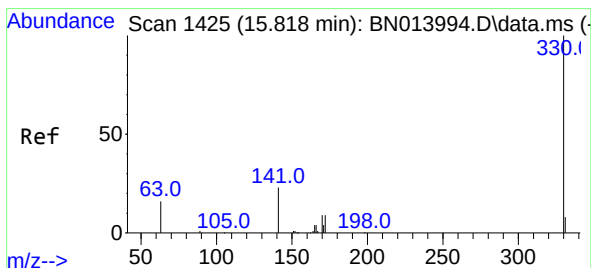
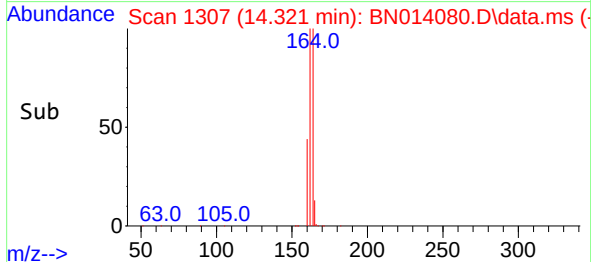
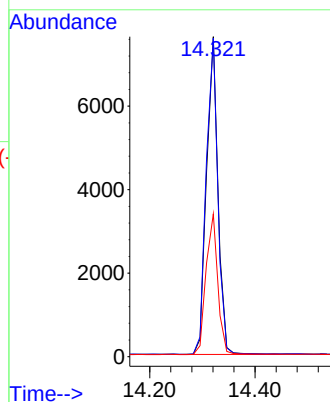
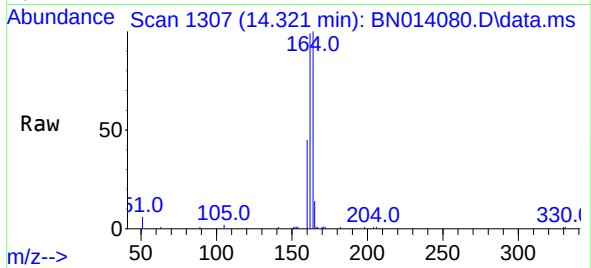


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Instrument :
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ClientSampleId :
RE-122D1-20210319

Tgt Ion:164 Resp: 11437

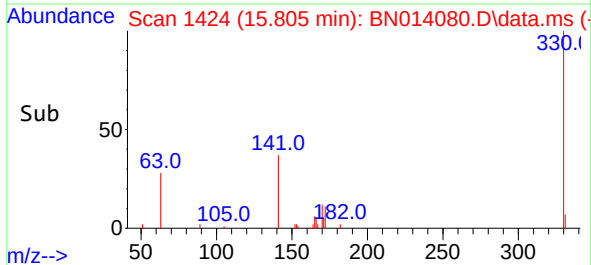
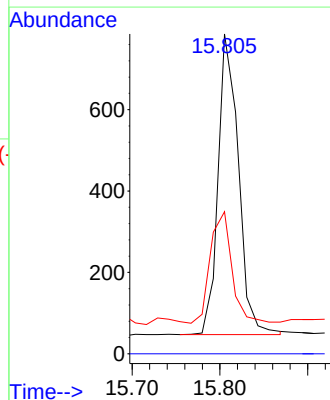
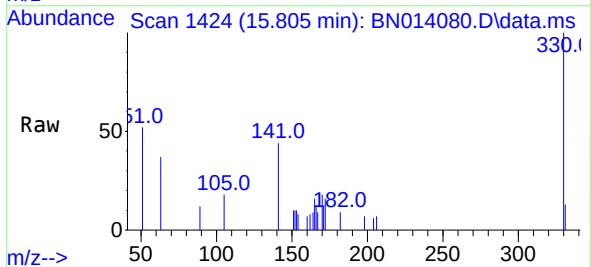
Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.6	119.4
160	44.6	36.0	54.0

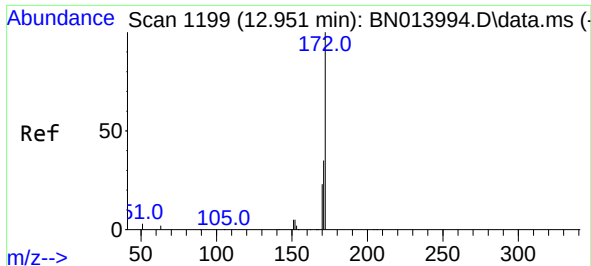


#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:330 Resp: 1190

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.3	26.8	40.2

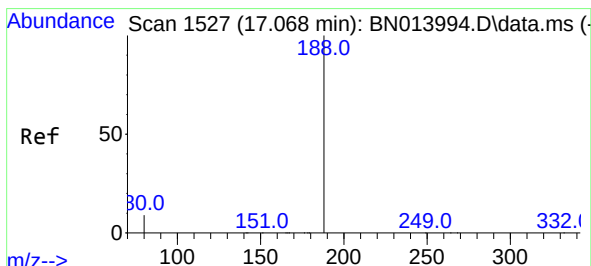
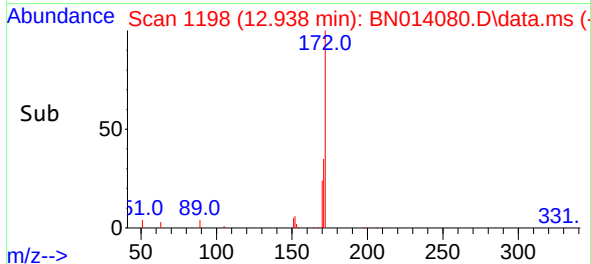
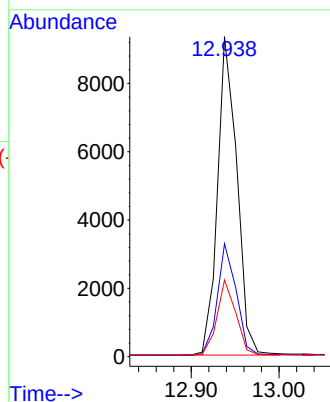
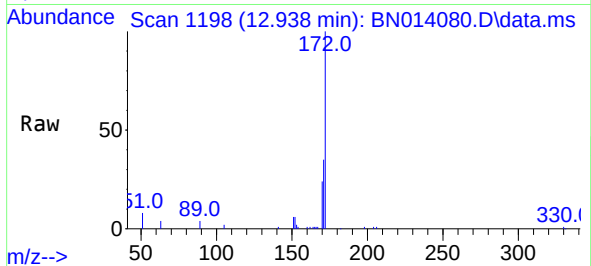




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

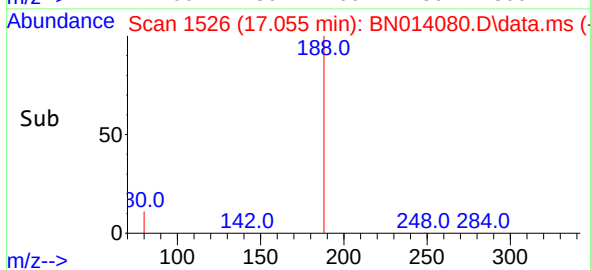
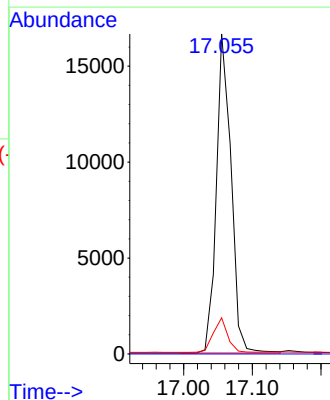
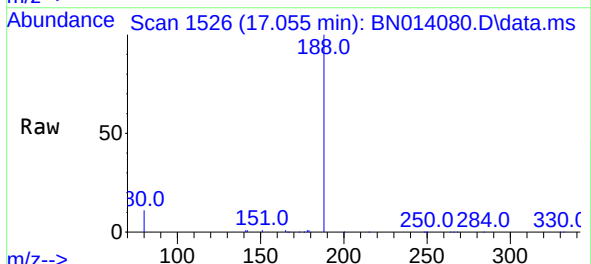
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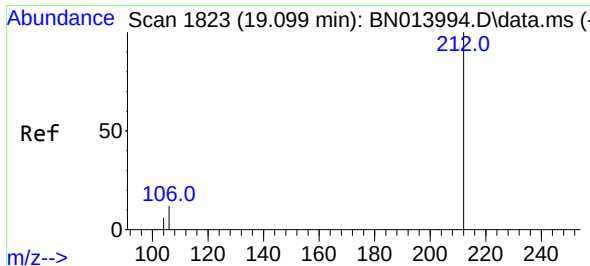
Tgt Ion:	172	Resp:	14334
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.9	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:	188	Resp:	24698
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	9.0	13.6

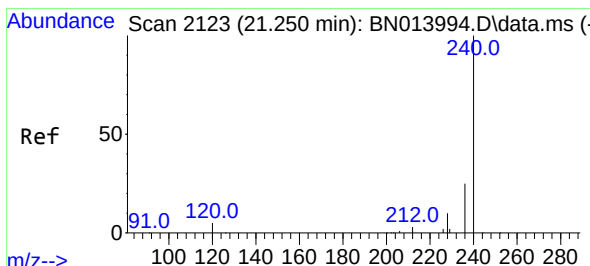
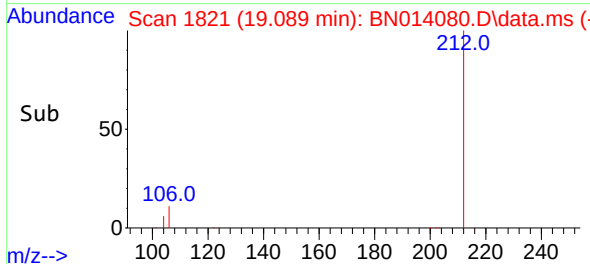
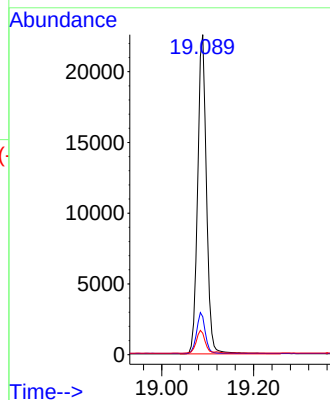
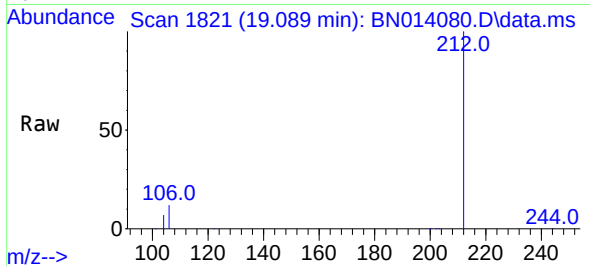




#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.089 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

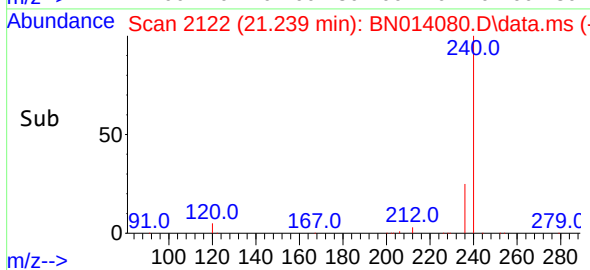
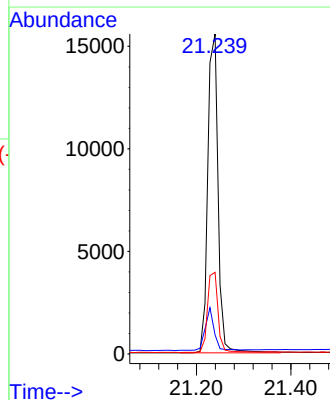
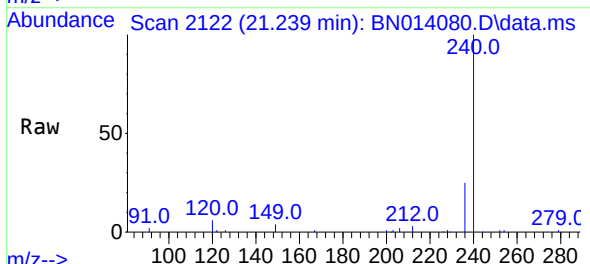
Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319

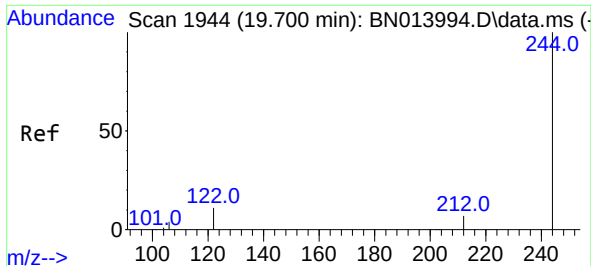
Tgt Ion:212 Resp: 29940
Ion Ratio Lower Upper
212 100
106 12.5 9.7 14.5
104 7.4 5.5 8.3



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Tgt Ion:240 Resp: 23499
Ion Ratio Lower Upper
240 100
120 5.9 10.2 15.4#
236 25.5 21.3 31.9

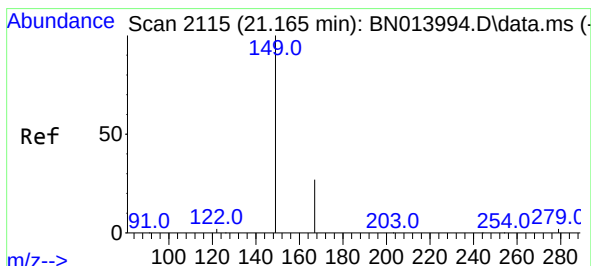
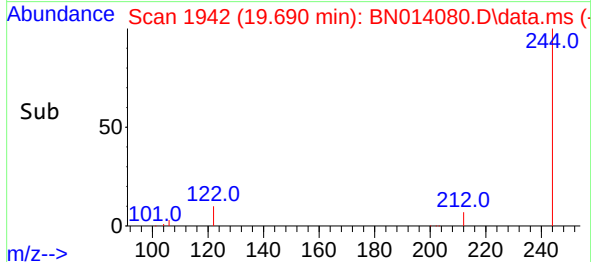
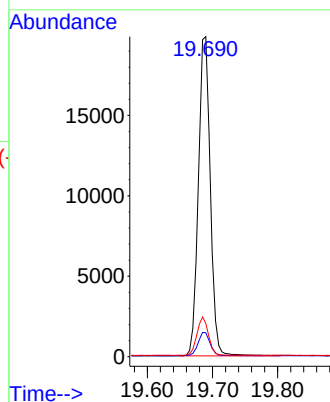
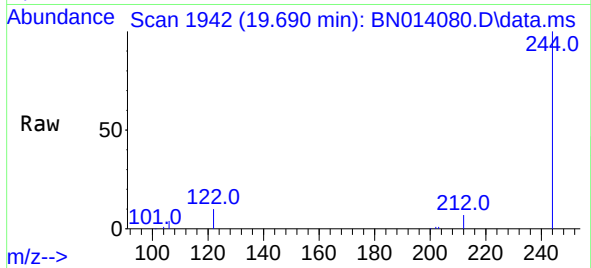




#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.690 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

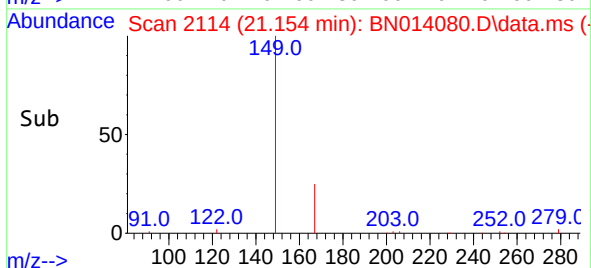
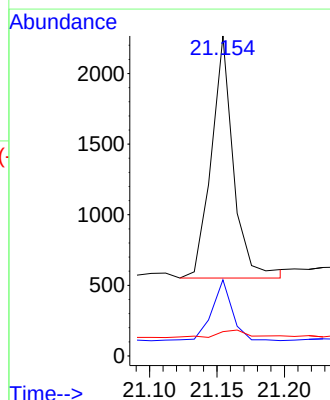
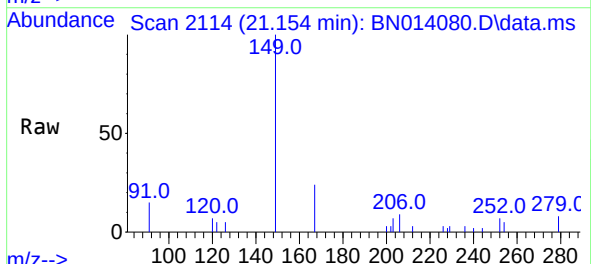
Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319

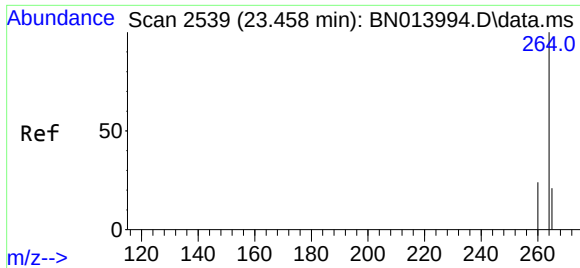
Tgt Ion:244	Resp:	25272
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.1 9.1
122	10.4	9.8 14.8



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.154 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

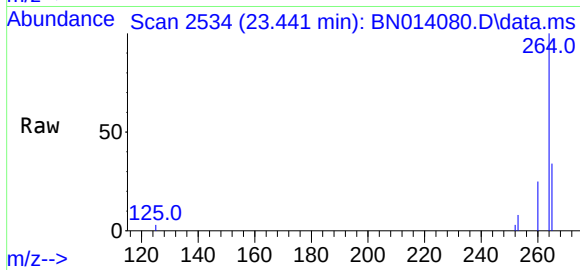
Tgt Ion:149	Resp:	1960
Ion Ratio	Lower	Upper
149	100	
167	23.3	22.1 33.1
279	4.4	3.5 5.3





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.441 min Scan# 2534
Delta R.T. -0.006 min
Lab File: BN014080.D
Acq: 24 Mar 2021 20:59

Instrument :
BNA_N
ClientSampleId :
RE-122D1-20210319



Tgt Ion:	264	Resp:	22336
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	34.1	66.2	99.4#

