

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
 Data File : BN014059.D
 Acq On : 24 Mar 2021 02:53
 Operator : CG/JU
 Sample : M1735-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210316

Quant Time: Mar 24 04:00:52 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)

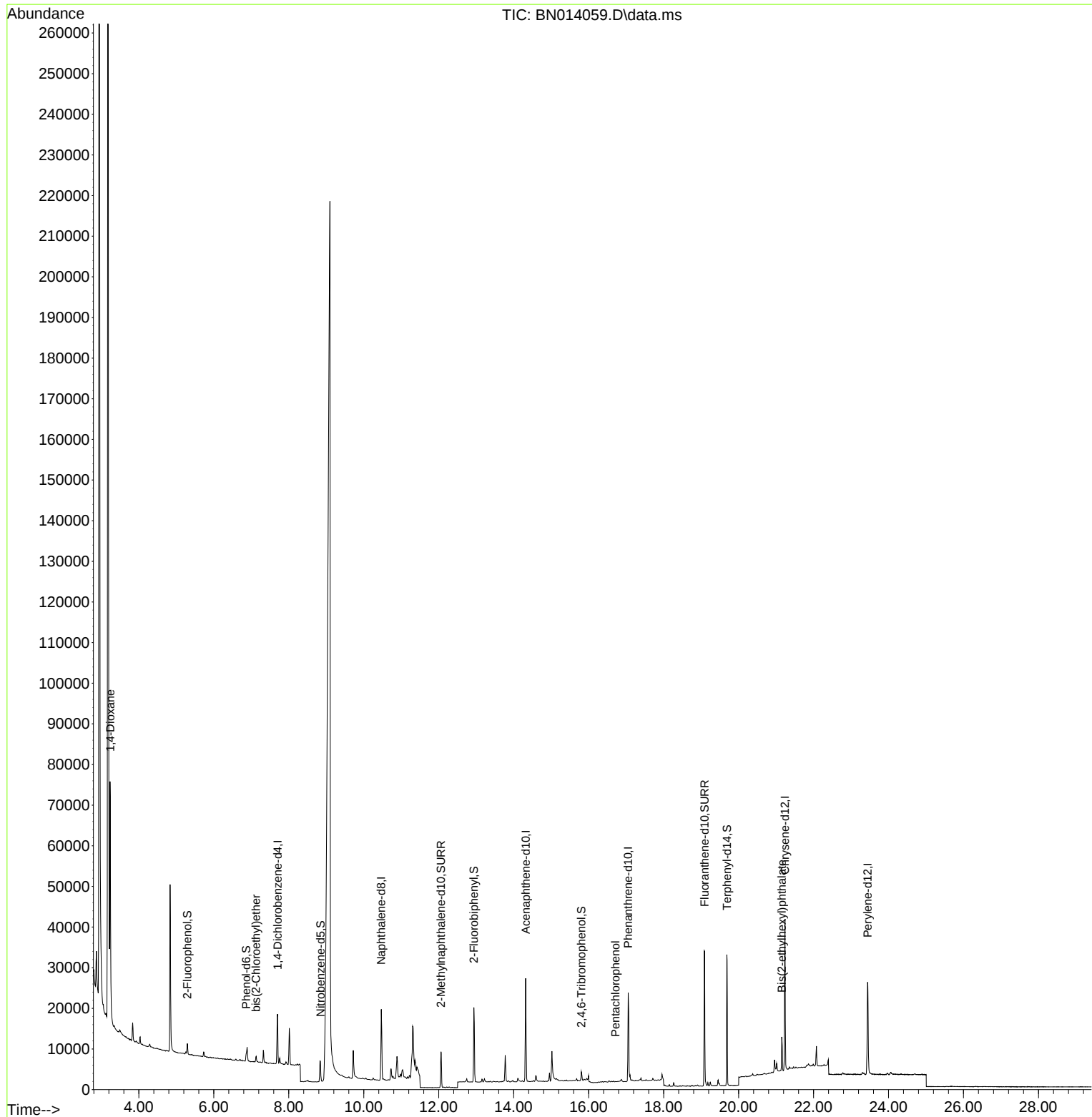
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	5764	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	22865	0.40	ng	#-0.01
13) Acenaphthene-d10	14.321	164	14030	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	31048	0.40	ng	-0.01
29) Chrysene-d12	21.237	240	33082	0.40	ng	# 0.00
36) Perylene-d12	23.442	264	30450	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1920	0.14	ng	0.00
5) Phenol-d6	6.863	99	1442	0.09	ng	0.00
8) Nitrobenzene-d5	8.845	82	4715	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.062	152	12065	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1557	0.34	ng	-0.01
15) 2-Fluorobiphenyl	12.938	172	16870	0.32	ng	-0.01
27) Fluoranthene-d10	19.091	212	37420	0.43	ng	0.00
31) Terphenyl-d14	19.687	244	32465	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.239	88	32954	4.34	ng	Qvalue 96
6) bis(2-Chloroethyl)ether	7.129	93	1158	0.08	ng	96
24) Pentachlorophenol	16.714	266	88	0.02	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.152	149	7944	0.23	ng	100

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

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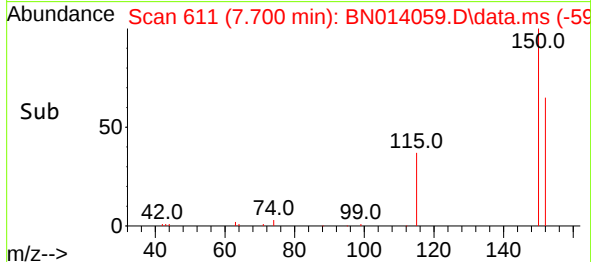
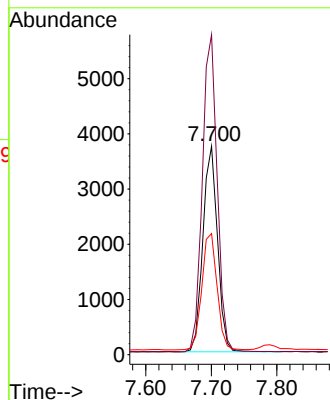
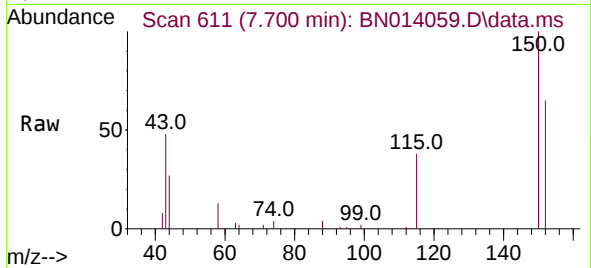




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.700 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: BN014059.D
 Acq: 24 Mar 2021 02:53

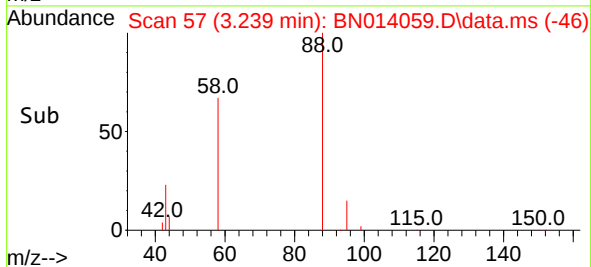
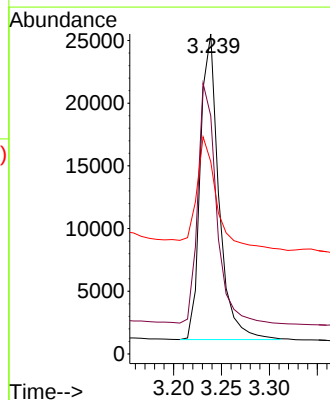
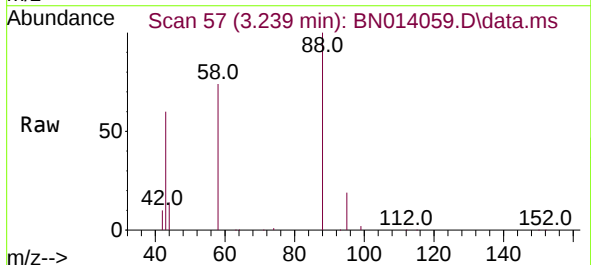
Instrument :
 BNA_N
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 TT101D1-20210316

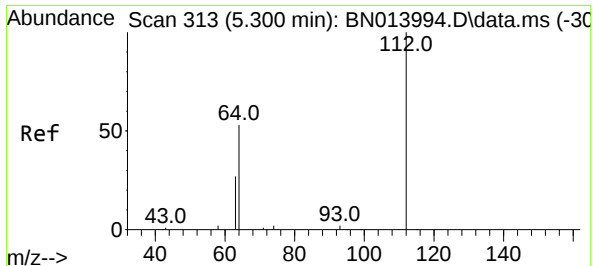
Tgt Ion:152 Resp: 5764
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.8 182.8
 115 58.1 46.6 69.8



#2
 1,4-Dioxane
 Concen: 4.34 ng
 RT: 3.239 min Scan# 57
 Delta R.T. -0.008 min
 Lab File: BN014059.D
 Acq: 24 Mar 2021 02:53

Tgt Ion: 88 Resp: 32954
 Ion Ratio Lower Upper
 88 100
 58 78.9 64.6 96.8
 43 39.0 26.6 40.0

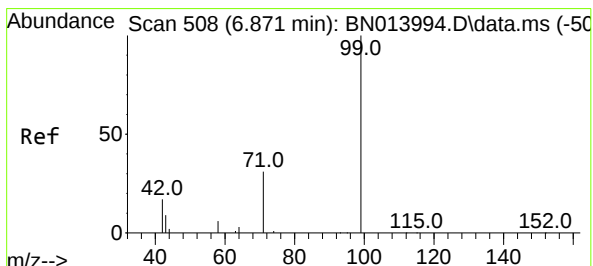
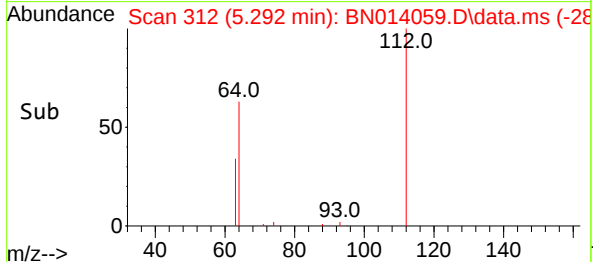
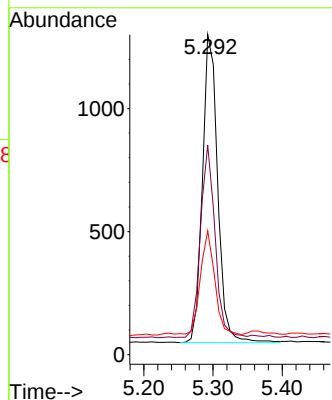
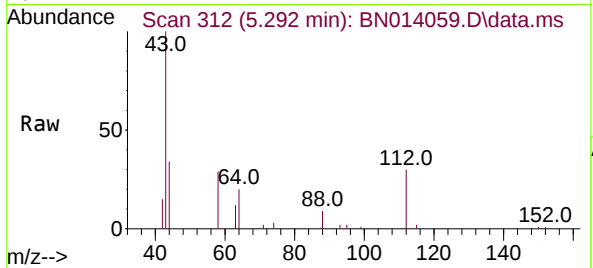




#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.292 min Scan# 312
Delta R.T. 0.000 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

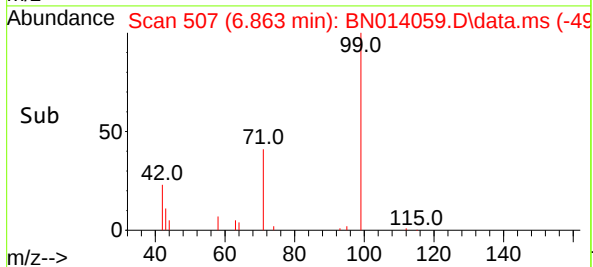
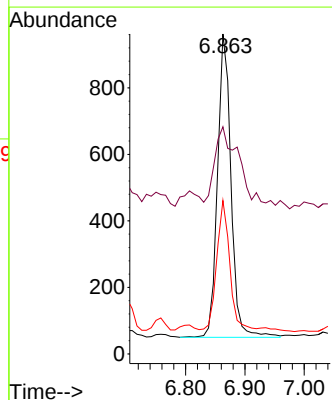
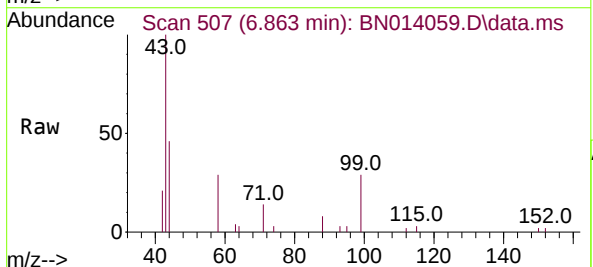
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210316

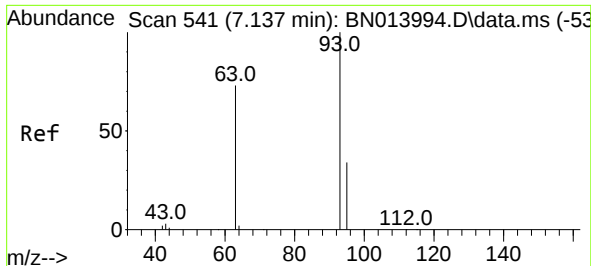
Tgt Ion:112 Resp: 1920
Ion Ratio Lower Upper
112 100
64 59.5 44.3 66.5
63 31.6 23.0 34.6



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.000 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

Tgt Ion: 99 Resp: 1442
Ion Ratio Lower Upper
99 100
42 52.1 15.2 22.8#
71 40.3 26.1 39.1#

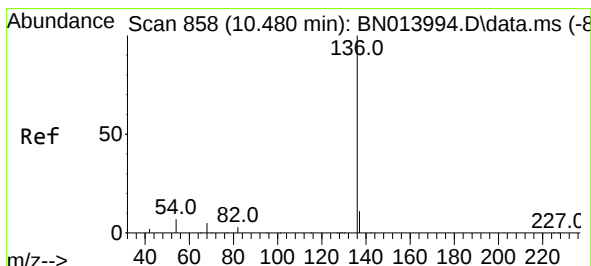
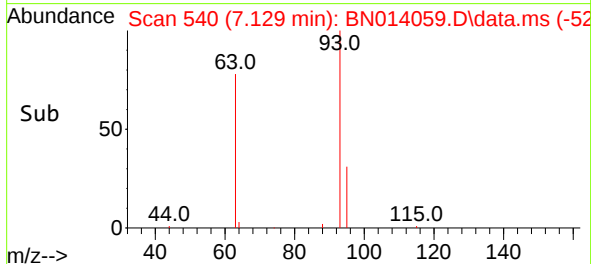
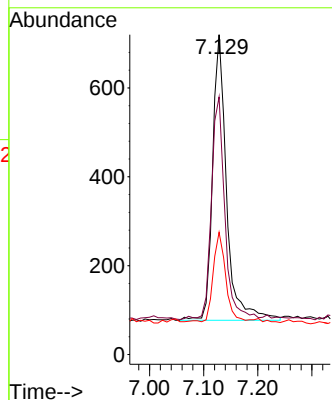
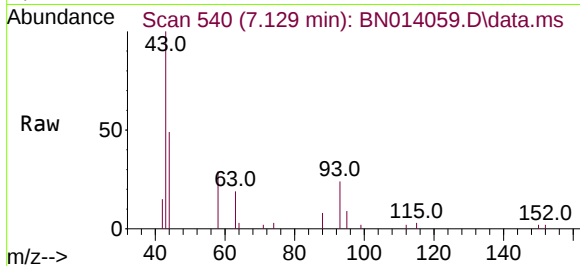




#6
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.129 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

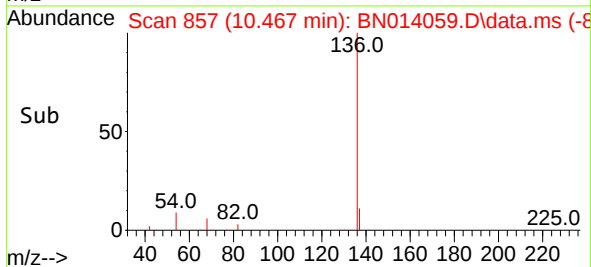
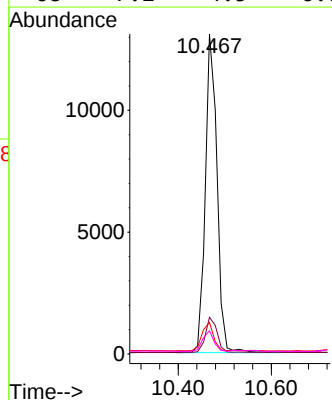
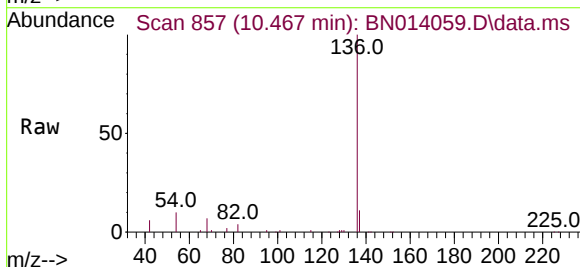
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210316

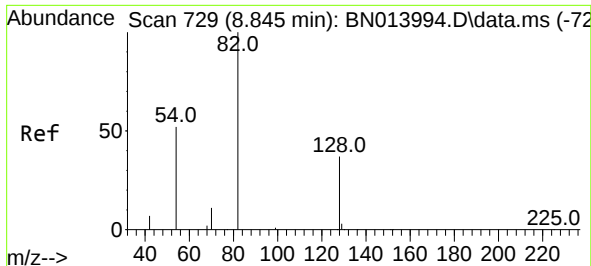
Tgt Ion:	93	Resp:	1158
Ion	Ratio	Lower	Upper
93	100		
63	75.0	60.8	91.2
95	27.4	26.0	39.0



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.012 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

Tgt Ion:	136	Resp:	22865
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.8	6.4	9.6#
68	7.2	4.5	6.7#

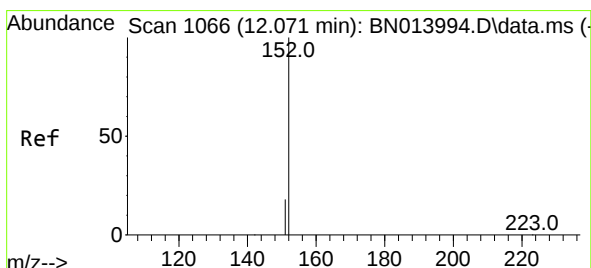
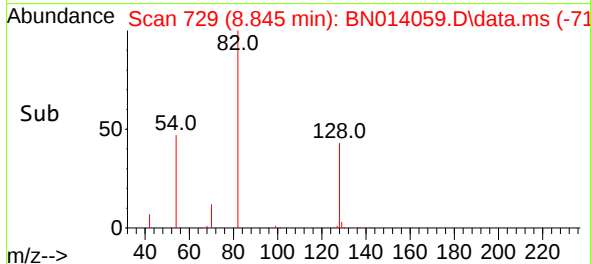
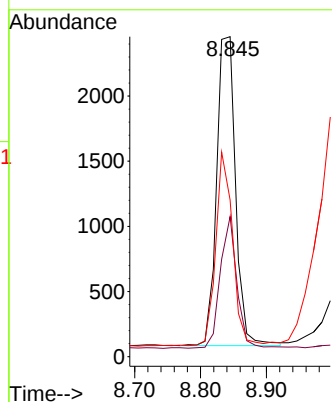
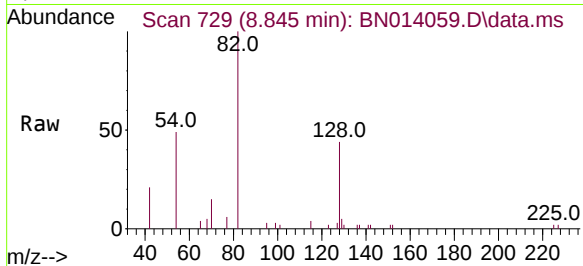




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.845 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

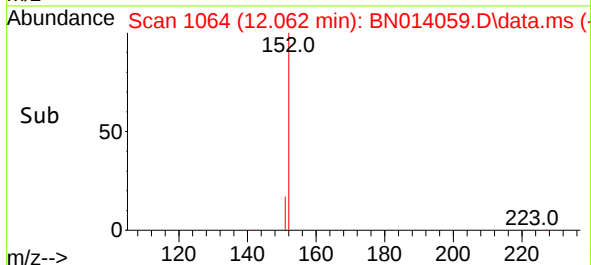
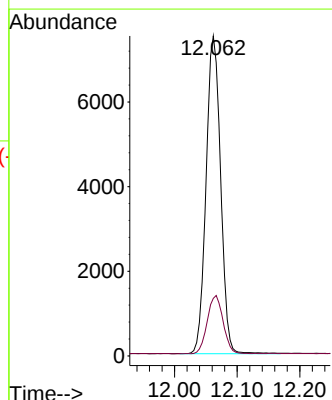
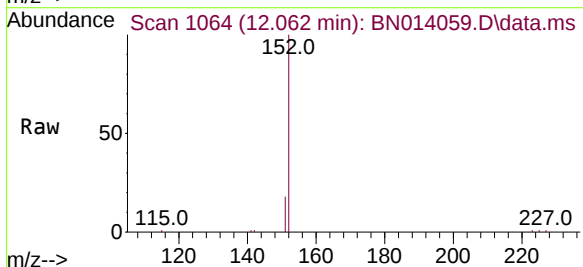
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ClientSampleId :
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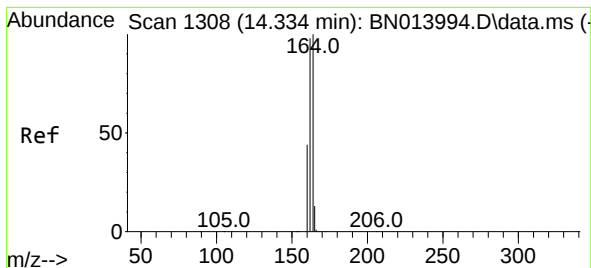
Tgt Ion: 82 Resp: 4715
Ion Ratio Lower Upper
82 100
128 43.8 39.2 58.8
54 48.9 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.062 min Scan# 1064
Delta R.T. -0.004 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

Tgt Ion: 152 Resp: 12065
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2

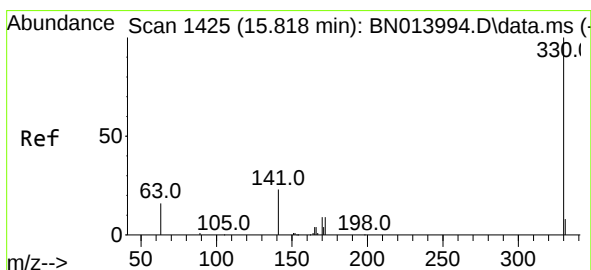
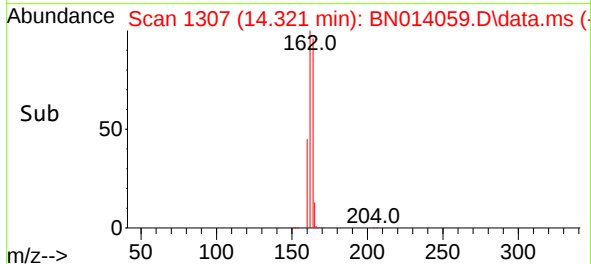
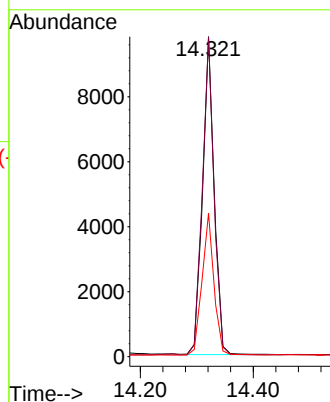
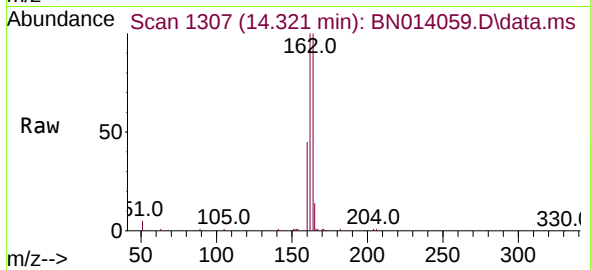




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

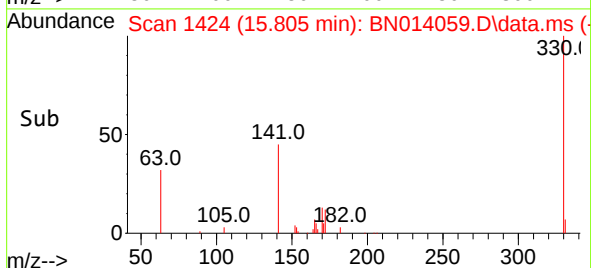
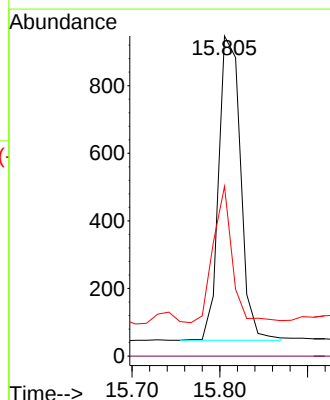
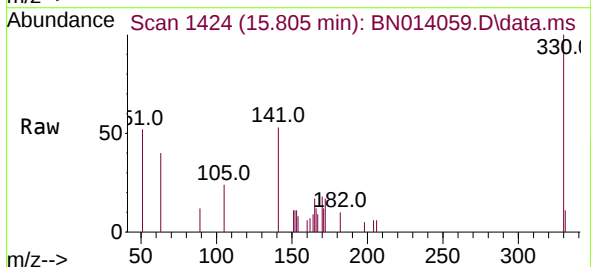
Instrument :
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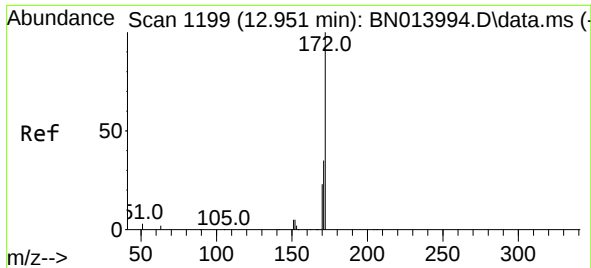
Tgt Ion:164 Resp: 14030
Ion Ratio Lower Upper
164 100
162 99.9 79.6 119.4
160 44.9 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.805 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

Tgt Ion:330 Resp: 1557
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 26.8 40.2

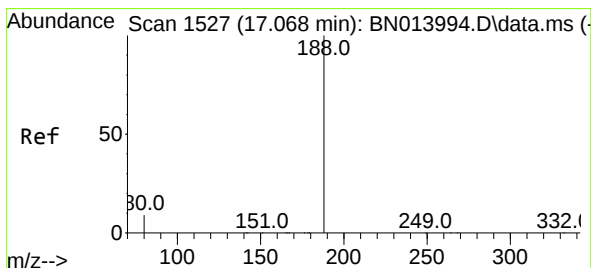
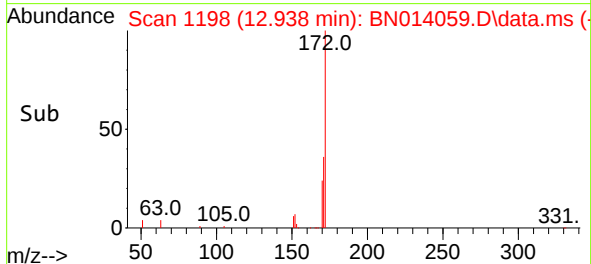
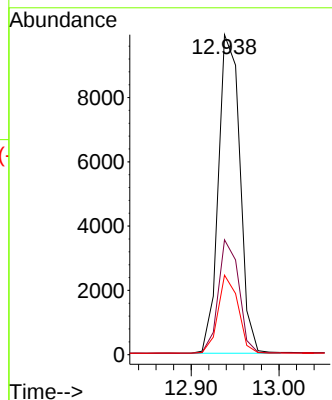
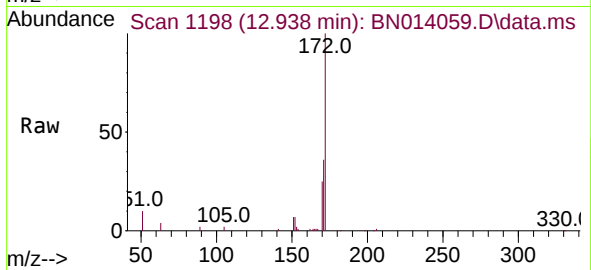




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

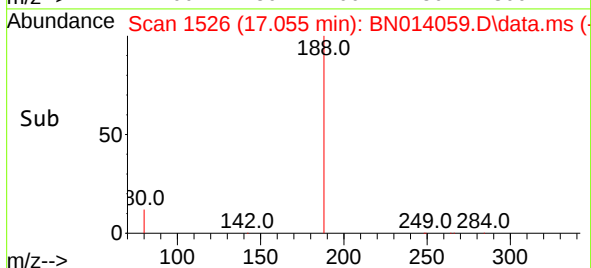
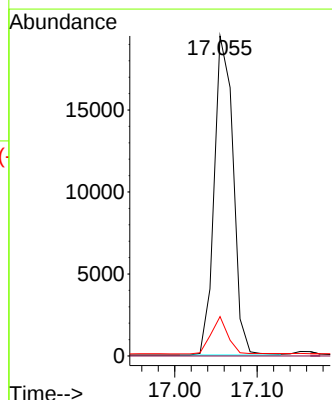
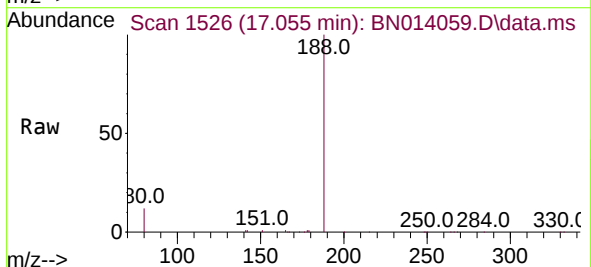
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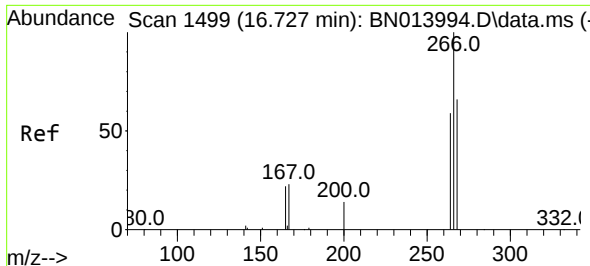
Tgt Ion:172 Resp: 16870
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.8 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.012 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

Tgt Ion:188 Resp: 31048
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 9.0 13.6

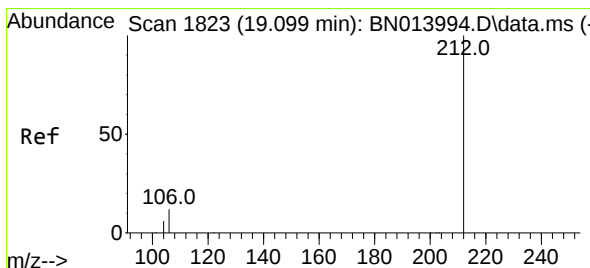
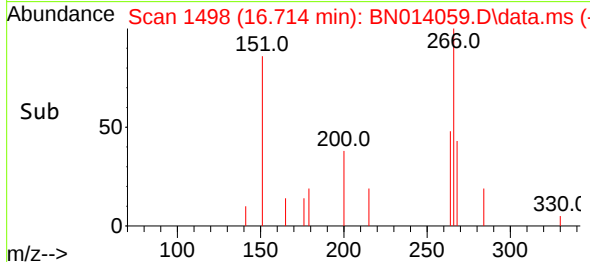
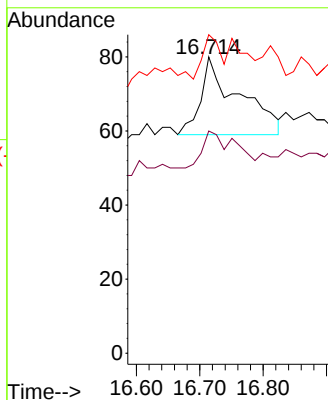
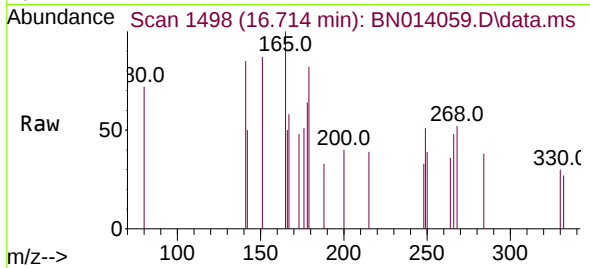




#24
Pentachlorophenol
Concen: 0.02 ng
RT: 16.714 min Scan# 1498
Delta R.T. -0.012 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

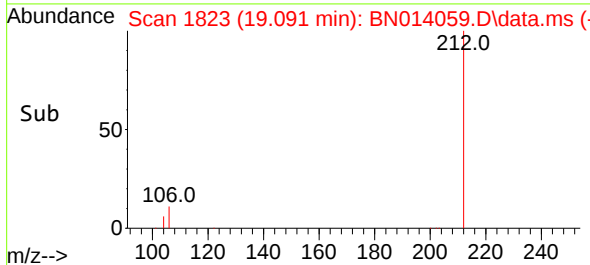
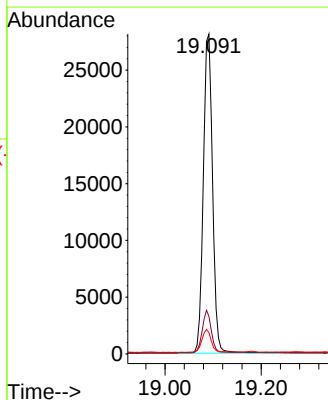
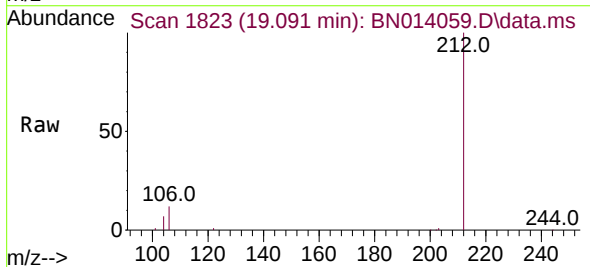
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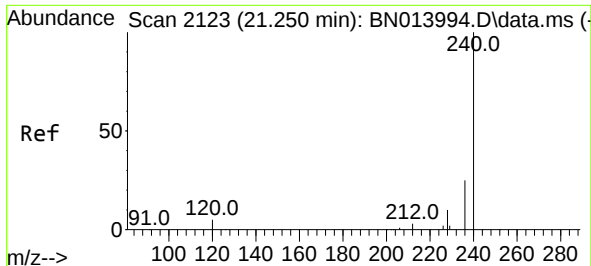
Tgt Ion:266 Resp: 88
Ion Ratio Lower Upper
266 100
264 40.9 51.6 77.4#
268 26.1 54.6 82.0#



#27
Fluoranthene-d10
Concen: 0.43 ng
RT: 19.091 min Scan# 1823
Delta R.T. 0.003 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

Tgt Ion:212 Resp: 37420
Ion Ratio Lower Upper
212 100
106 12.6 9.7 14.5
104 7.3 5.5 8.3

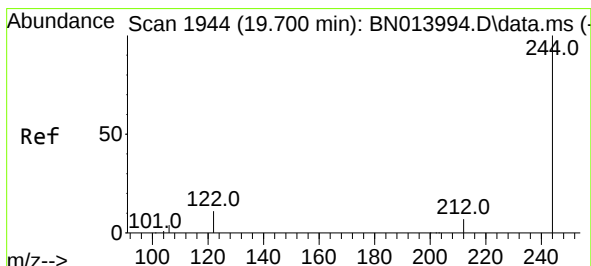
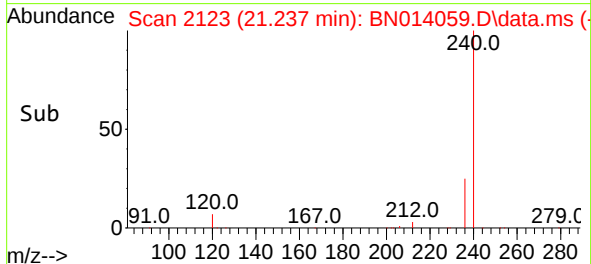
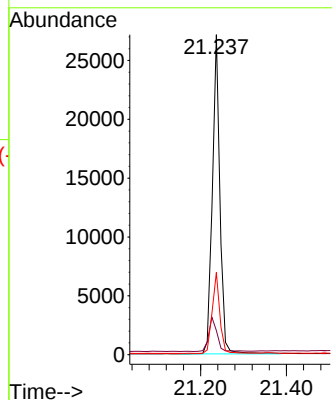
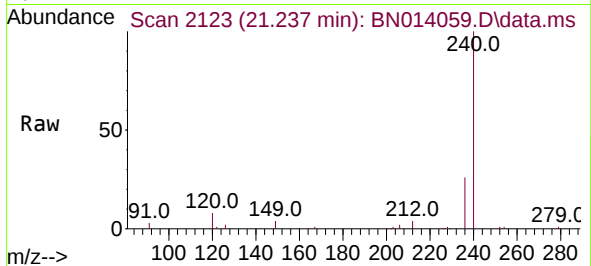




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

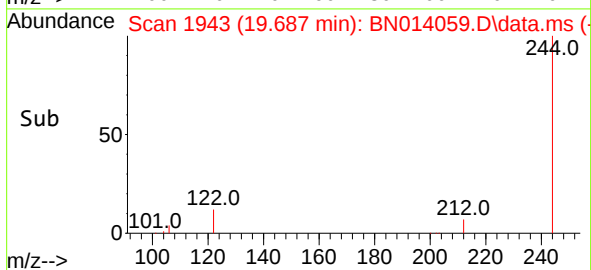
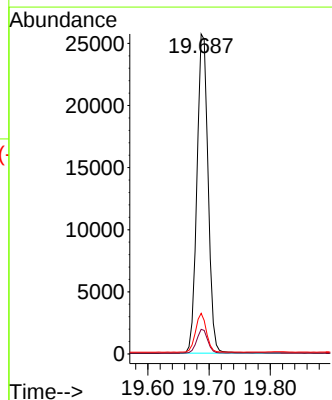
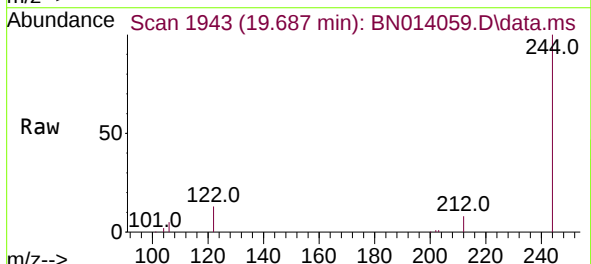
Instrument :
BNA_N
ClientSampleId :
TT101D1-20210316

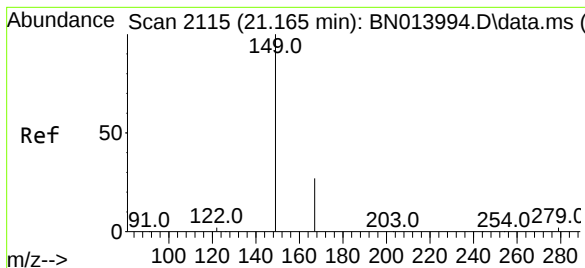
Tgt Ion:240 Resp: 33082
Ion Ratio Lower Upper
240 100
120 7.6 10.2 15.4#
236 25.7 21.3 31.9



#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.687 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BN014059.D
Acq: 24 Mar 2021 02:53

Tgt Ion:244 Resp: 32465
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 12.7 9.8 14.8

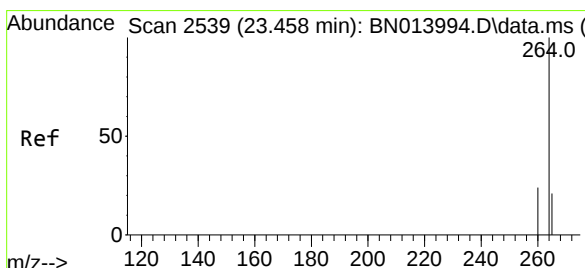
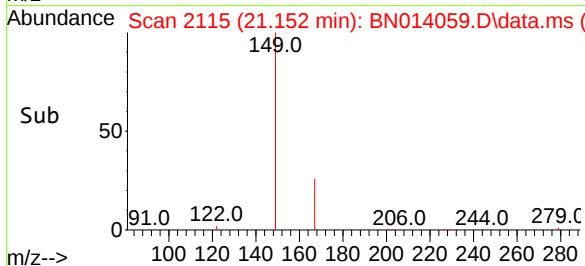
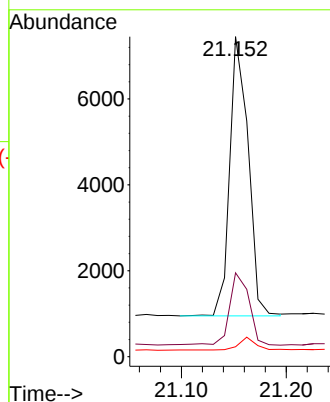
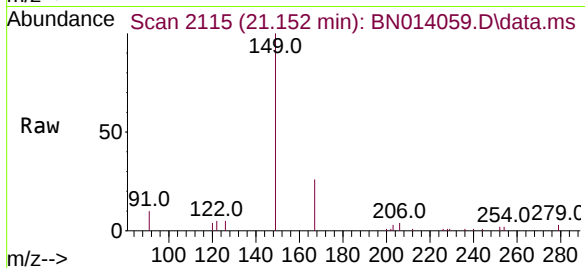




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.152 min Scan# 2115
 Delta R.T. -0.002 min
 Lab File: BN014059.D
 Acq: 24 Mar 2021 02:53

Instrument :
 BNA_N
 ClientSampleId :
 TT101D1-20210316

Tgt Ion:	149	Resp:	7944
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.1	33.1
279	4.7	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.442 min Scan# 2536
 Delta R.T. -0.006 min
 Lab File: BN014059.D
 Acq: 24 Mar 2021 02:53

Tgt Ion:	264	Resp:	30450
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.3	28.9
265	31.5	66.2	99.4#

