

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
 Data File : BN014998.D
 Acq On : 23 Jun 2021 08:44
 Operator : CG/JU
 Sample : M2750-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210616

Quant Time: Jun 23 09:44:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 17 01:26:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

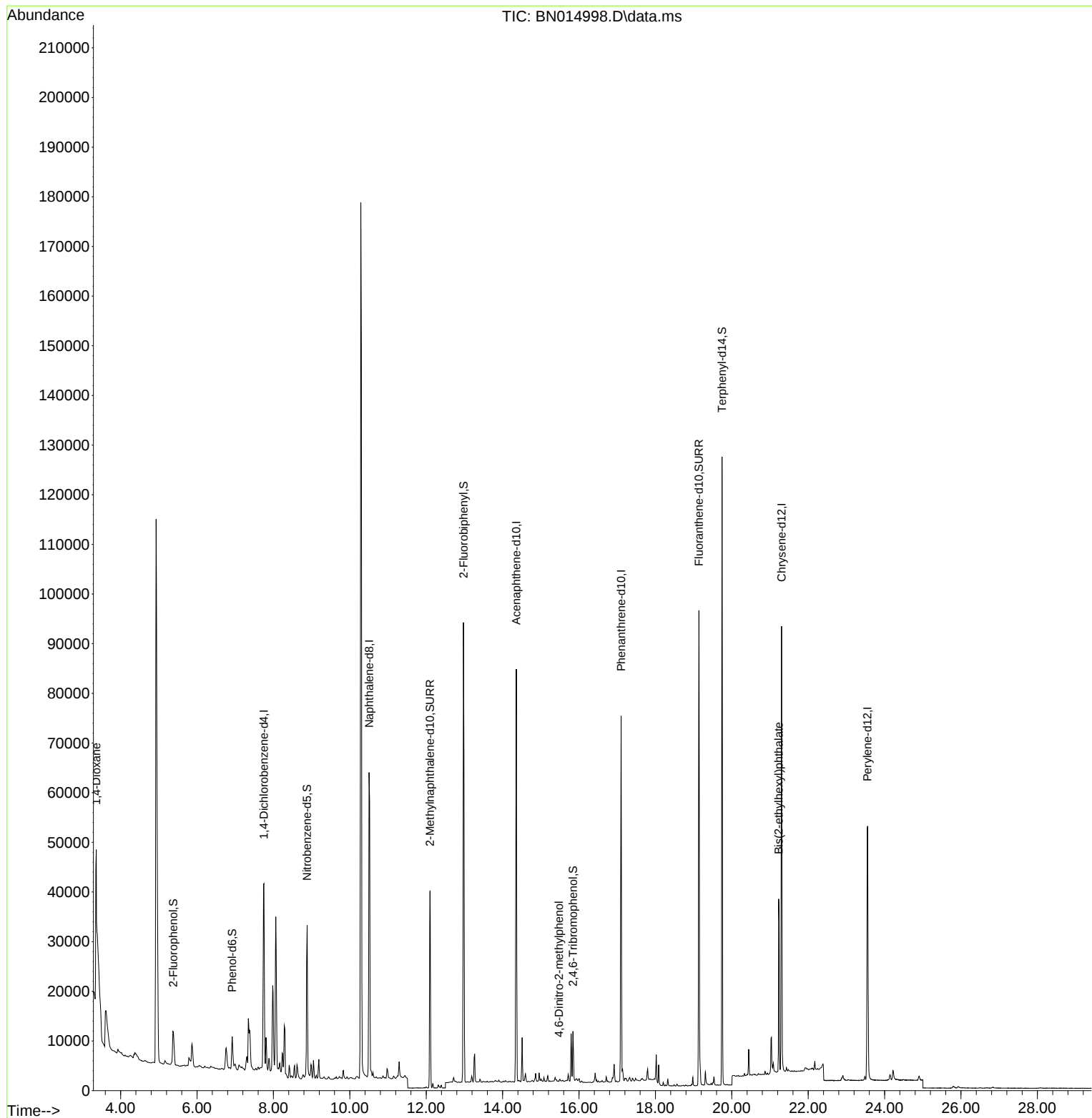
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	19798	0.40	ng	#-0.01
7) Naphthalene-d8	10.505	136	89047	0.40	ng	#-0.02
13) Acenaphthene-d10	14.358	164	47077	0.40	ng	-0.01
19) Phenanthrene-d10	17.103	188	91609	0.40	ng	#-0.01
29) Chrysene-d12	21.302	240	79390	0.40	ng	#-0.02
35) Perylene-d12	23.554	264	68944	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	9560	0.16	ng	0.00
5) Phenol-d6	6.920	99	6499	0.08	ng	0.00
8) Nitrobenzene-d5	8.883	82	26098	0.39	ng	-0.02
11) 2-Methylnaphthalene-d10	12.101	152	53275	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.843	330	7444	0.34	ng	-0.03
15) 2-Fluorobiphenyl	12.975	172	82008	0.46	ng	-0.03
27) Fluoranthene-d10	19.138	212	107225	0.37	ng	-0.02
31) Terphenyl-d14	19.744	244	120246	0.61	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	51707	6.23	ng	# 70
20) 4,6-Dinitro-2-methylph...	15.475	198	14	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.228	149	35201	0.17	ng	# 87

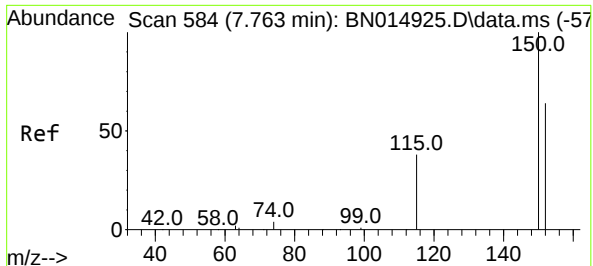
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 17 01:26:44 2021
Response via : Initial Calibration

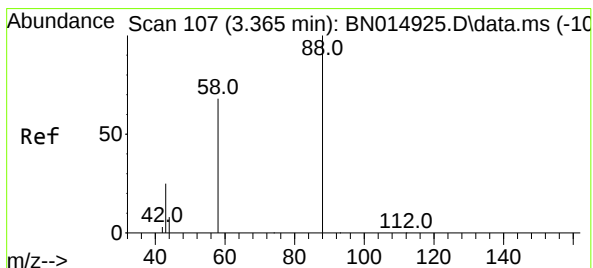
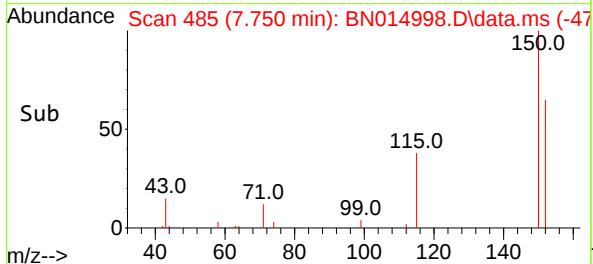
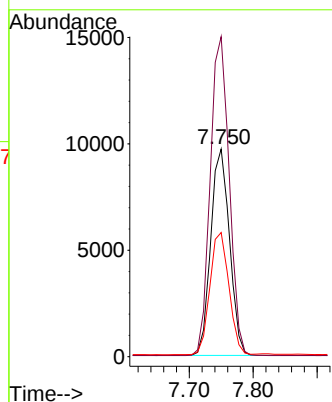
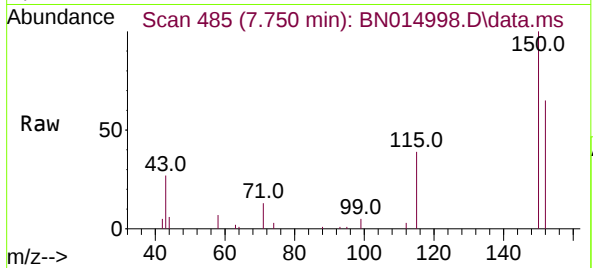




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.750 min Scan# 485
Delta R.T. -0.013 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

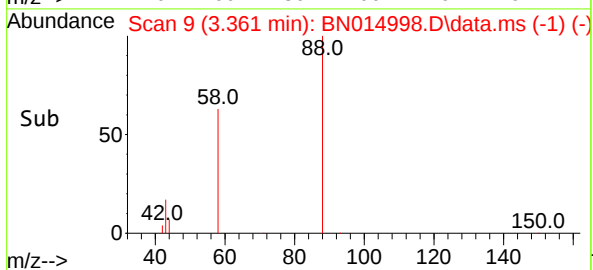
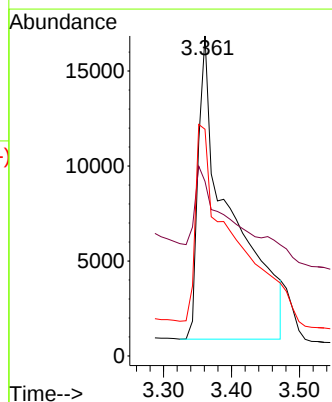
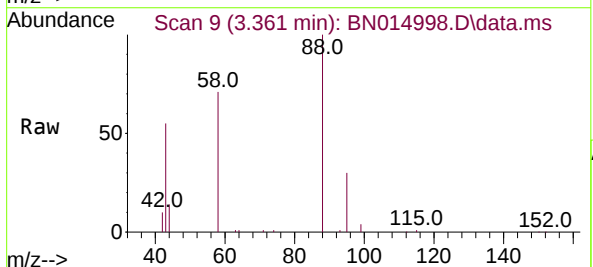
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210616

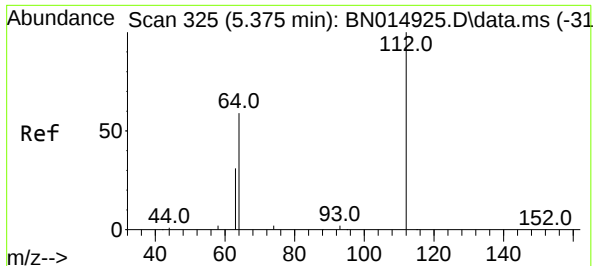
Tgt Ion:152 Resp: 19798
Ion Ratio Lower Upper
152 100
150 154.1 119.0 178.6
115 59.8 62.2 93.4#



#2
1,4-Dioxane
Concen: 6.23 ng
RT: 3.361 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

Tgt Ion: 88 Resp: 51707
Ion Ratio Lower Upper
88 100
43 20.2 12.9 19.3#
58 72.0 38.1 57.1#

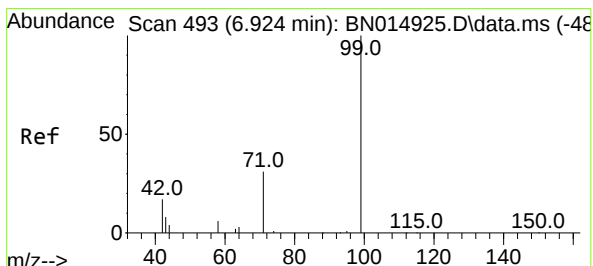
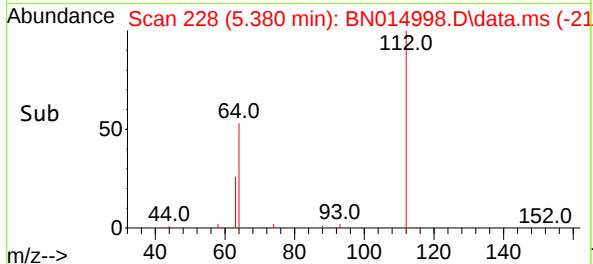
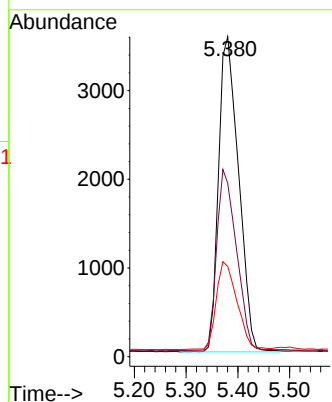
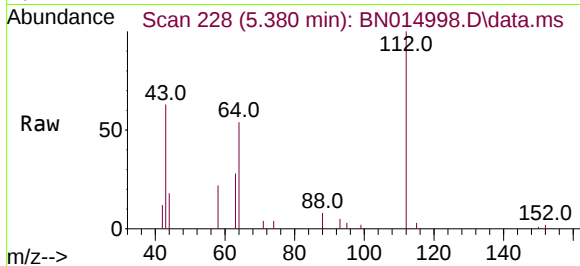




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.006 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

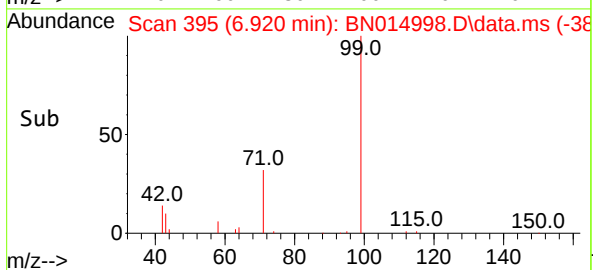
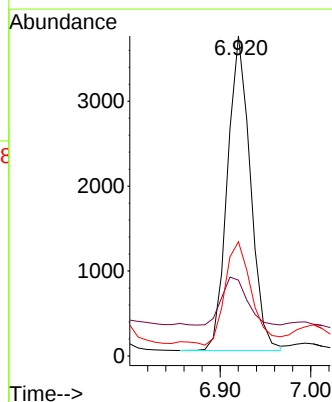
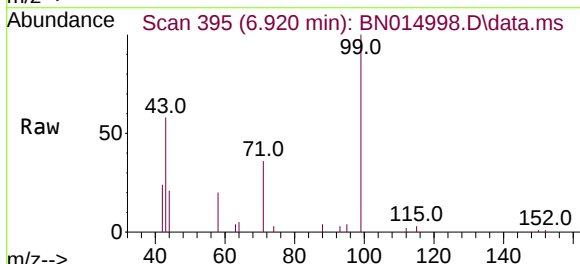
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210616

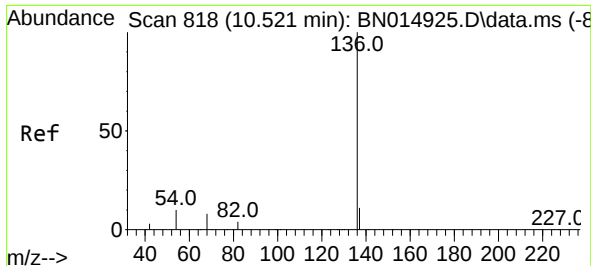
Tgt Ion:112 Resp: 9560
Ion Ratio Lower Upper
112 100
64 56.5 39.0 58.6
63 28.7 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.920 min Scan# 395
Delta R.T. -0.004 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

Tgt Ion: 99 Resp: 6499
Ion Ratio Lower Upper
99 100
42 16.8 8.9 13.3#
71 38.4 35.6 53.4

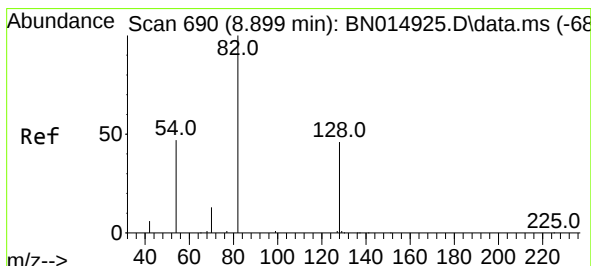
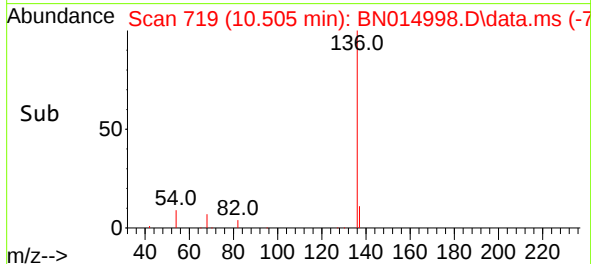
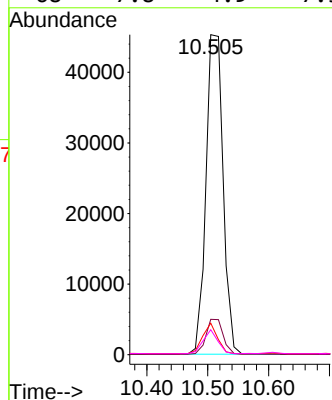
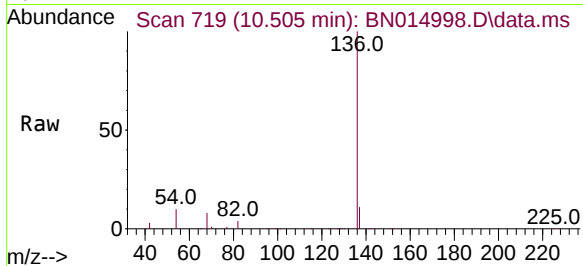




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.016 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

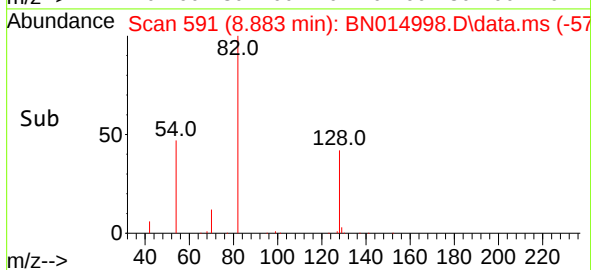
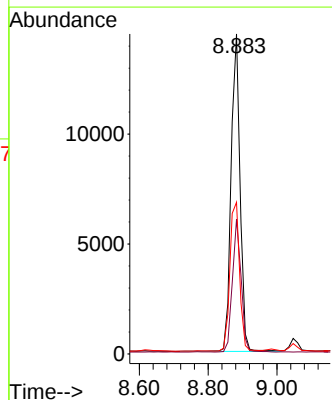
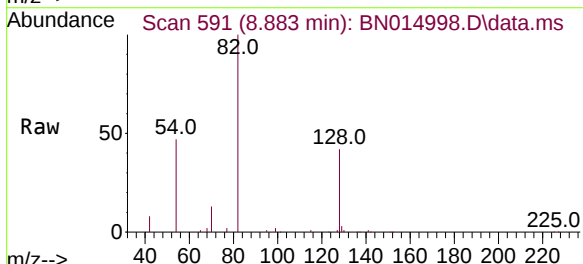
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210616

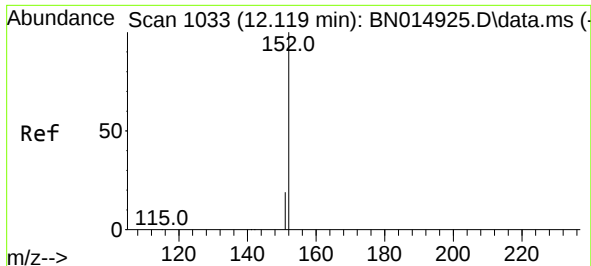
Tgt Ion:	136	Resp:	89047
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.8	14.8
54	9.9	5.4	8.2#
68	7.8	4.9	7.3#



#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.016 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

Tgt Ion:	82	Resp:	26098
Ion Ratio	Lower	Upper	
82	100		
128	42.2	31.6	47.4
54	47.4	29.0	43.4#

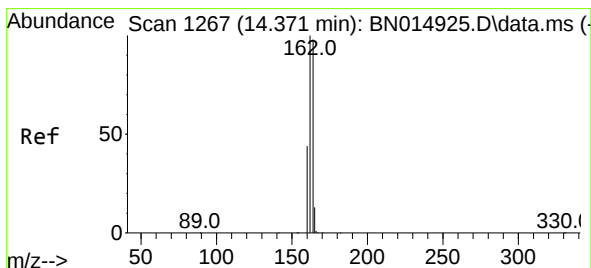
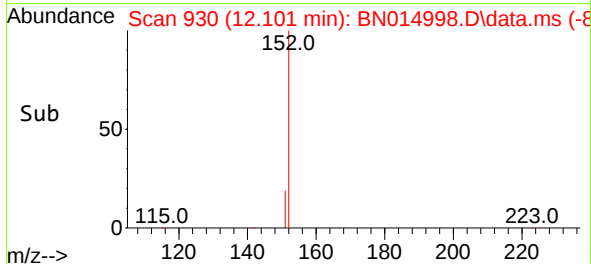
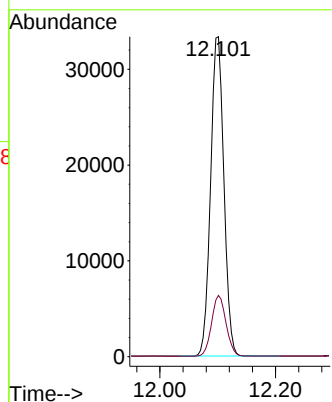
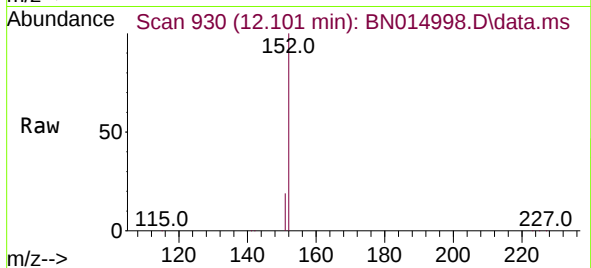




#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.101 min Scan# 930
Delta R.T. -0.018 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

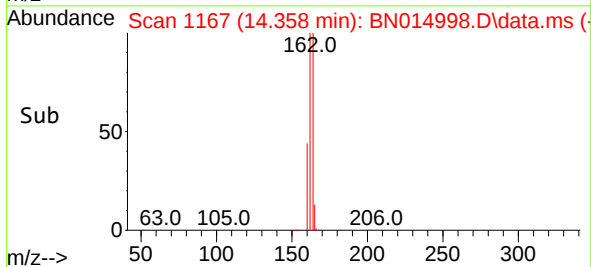
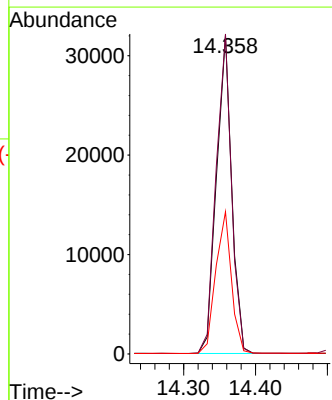
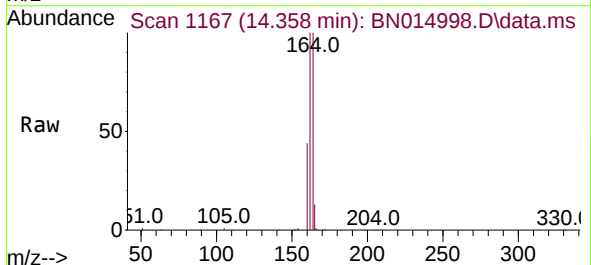
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210616

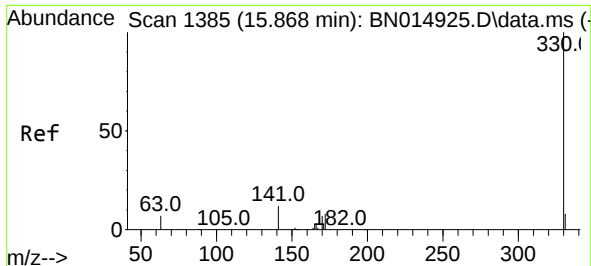
Tgt Ion:152 Resp: 53275
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.013 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

Tgt Ion:164 Resp: 47077
Ion Ratio Lower Upper
164 100
162 100.4 83.8 125.6
160 44.6 37.4 56.0

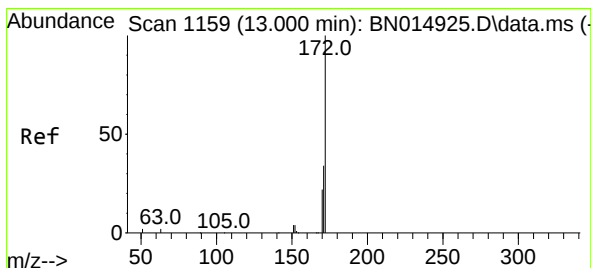
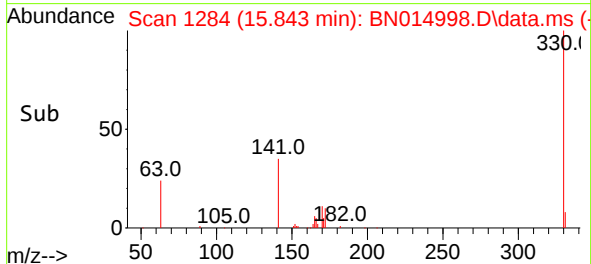
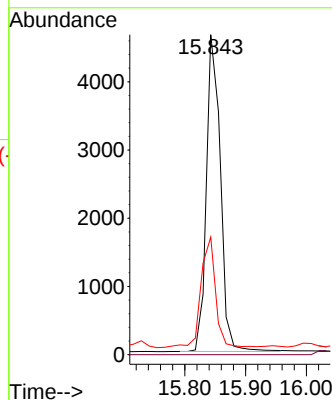
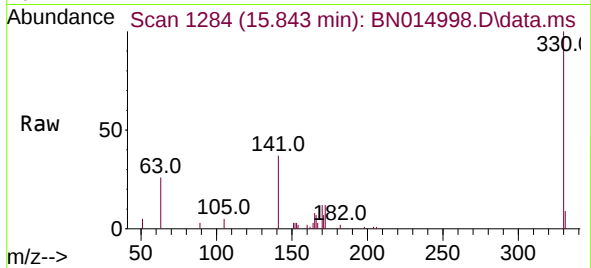




#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.025 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

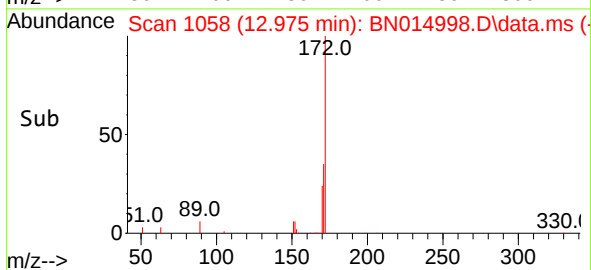
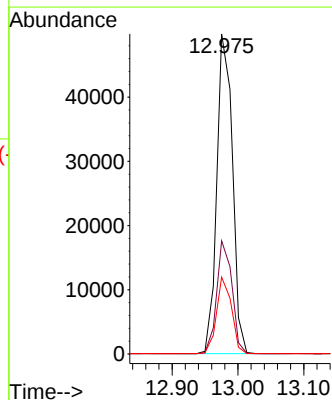
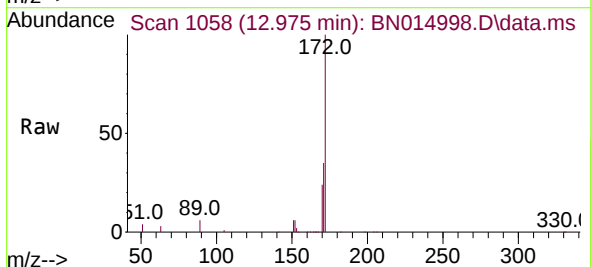
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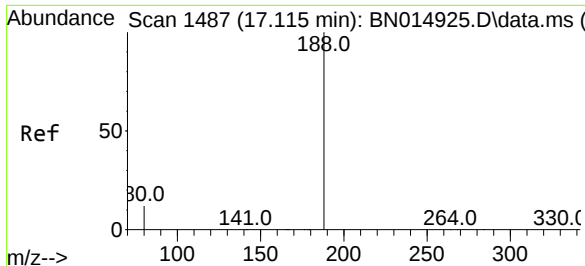
Tgt Ion:330 Resp: 7444
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.9 22.4 33.6#



#15
2-Fluorobiphenyl
Concen: 0.46 ng
RT: 12.975 min Scan# 1058
Delta R.T. -0.025 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

Tgt Ion:172 Resp: 82008
Ion Ratio Lower Upper
172 100
171 35.4 30.6 45.8
170 24.0 20.2 30.4

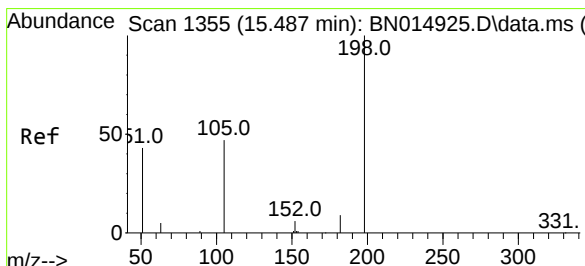
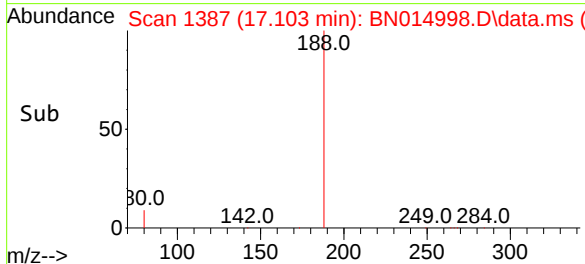
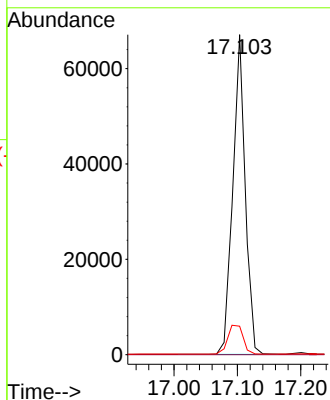
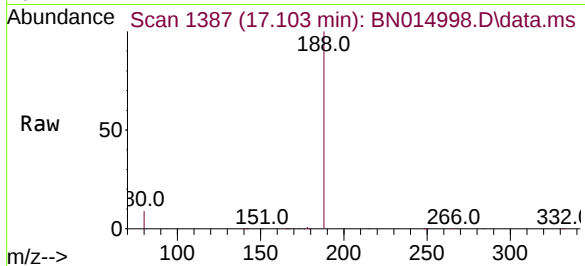




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.103 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

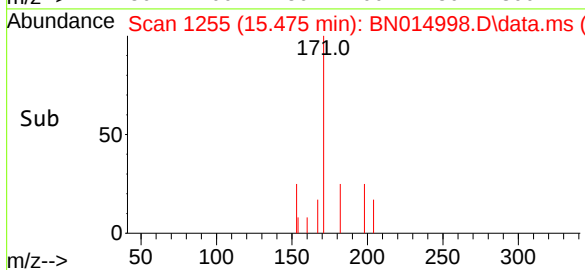
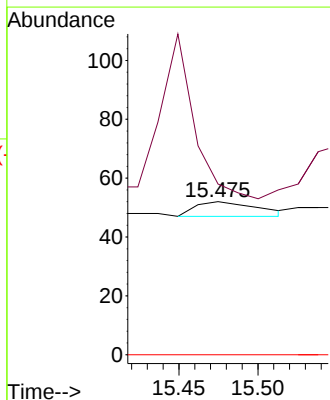
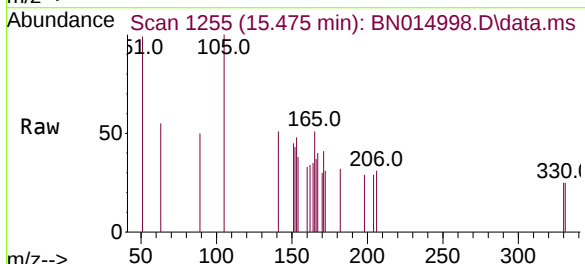
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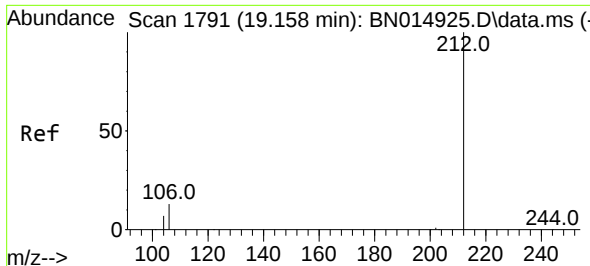
Tgt Ion:188 Resp: 91609
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 9.0 13.4#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.475 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
182 111.5 34.5 51.7#
77 0.0 0.0 0.0

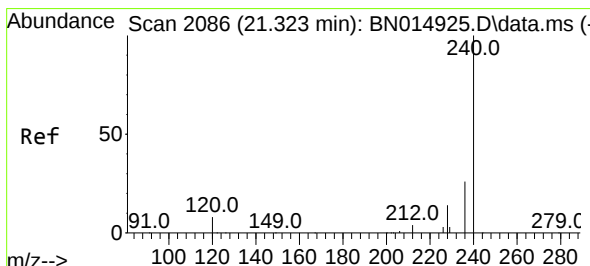
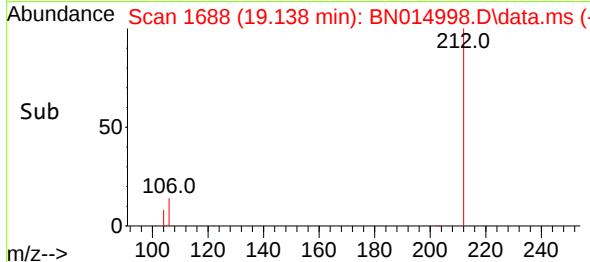
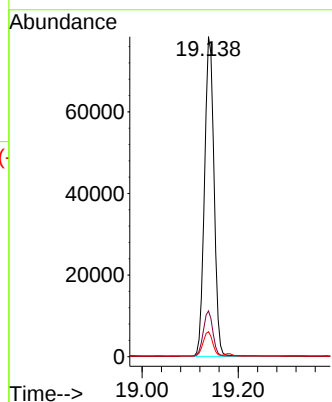
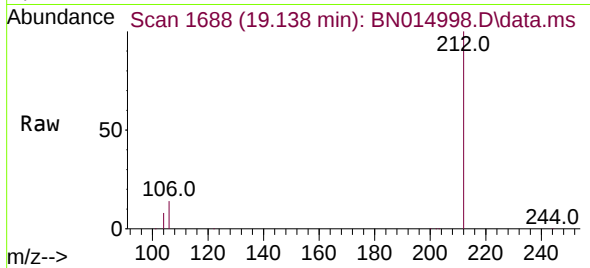




#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.138 min Scan# 1688
Delta R.T. -0.020 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

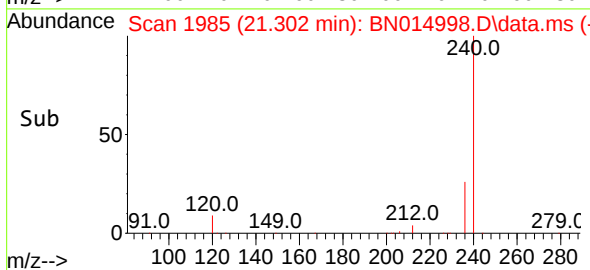
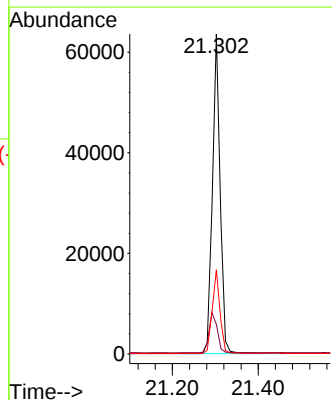
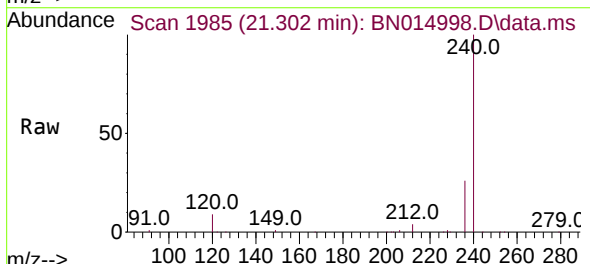
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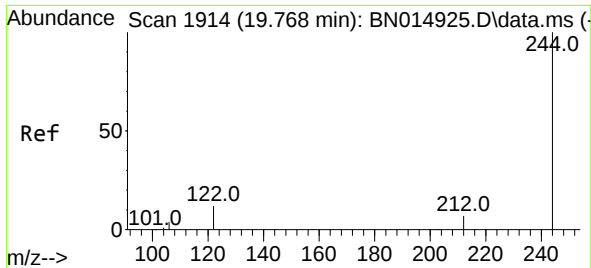
Tgt Ion:212 Resp: 107225
Ion Ratio Lower Upper
212 100
106 14.2 7.0 10.6#
104 7.6 4.1 6.1#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.302 min Scan# 1985
Delta R.T. -0.021 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

Tgt Ion:240 Resp: 79390
Ion Ratio Lower Upper
240 100
120 9.3 4.2 6.4#
236 26.3 21.4 32.2

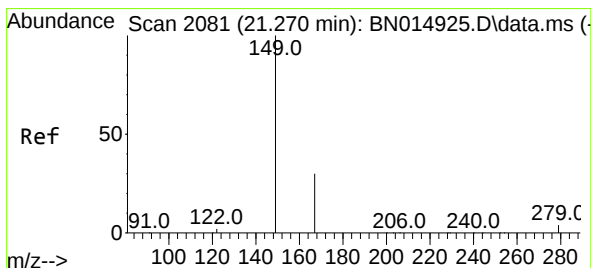
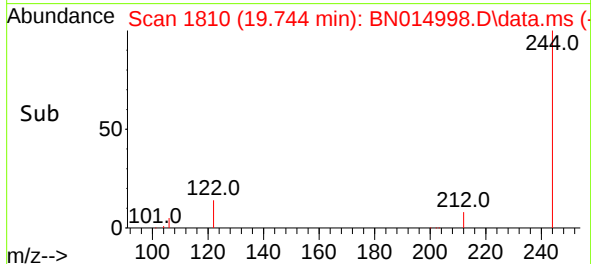
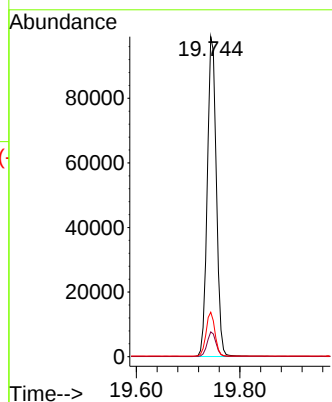
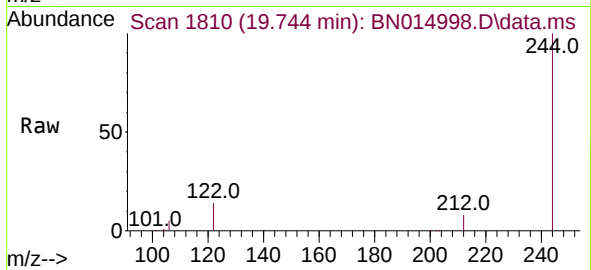




#31
Terphenyl-d14
Concen: 0.61 ng
RT: 19.744 min Scan# 1810
Delta R.T. -0.025 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

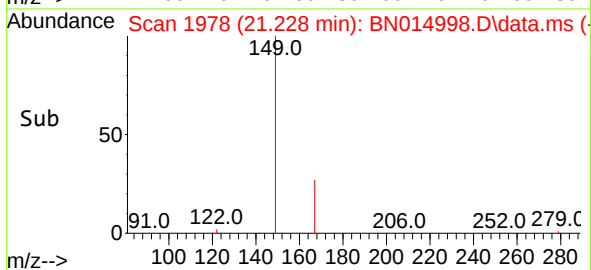
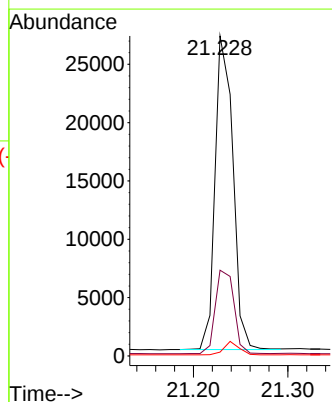
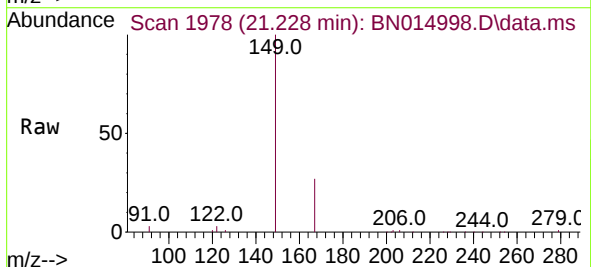
Instrument :
BNA_N
ClientSampleId :
RE123D1-20210616

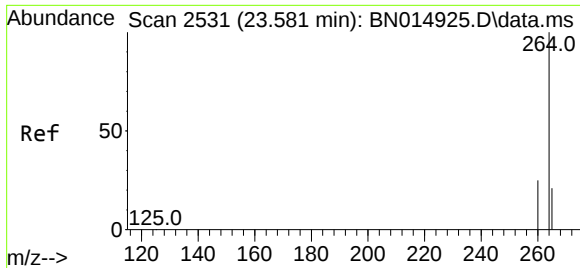
Tgt Ion:244 Resp: 120246
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 13.9 6.2 9.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.228 min Scan# 1978
Delta R.T. -0.042 min
Lab File: BN014998.D
Acq: 23 Jun 2021 08:44

Tgt Ion:149 Resp: 35201
Ion Ratio Lower Upper
149 100
167 27.9 28.9 43.3#
279 3.6 4.9 7.3#





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.554 min Scan# 2424
 Delta R.T. -0.027 min
 Lab File: BN014998.D
 Acq: 23 Jun 2021 08:44

Instrument :
 BNA_N
 ClientSampleId :
 RE123D1-20210616

Tgt Ion:264 Resp: 68944

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	31.0
265	24.1	21.4	32.2

