

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013079.D
 Acq On : 12 Dec 2020 07:08
 Operator : CG/JU
 Sample : L4996-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20201208

Quant Time: Dec 14 03:05:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 01:53:51 2020
 Response via : Initial Calibration

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

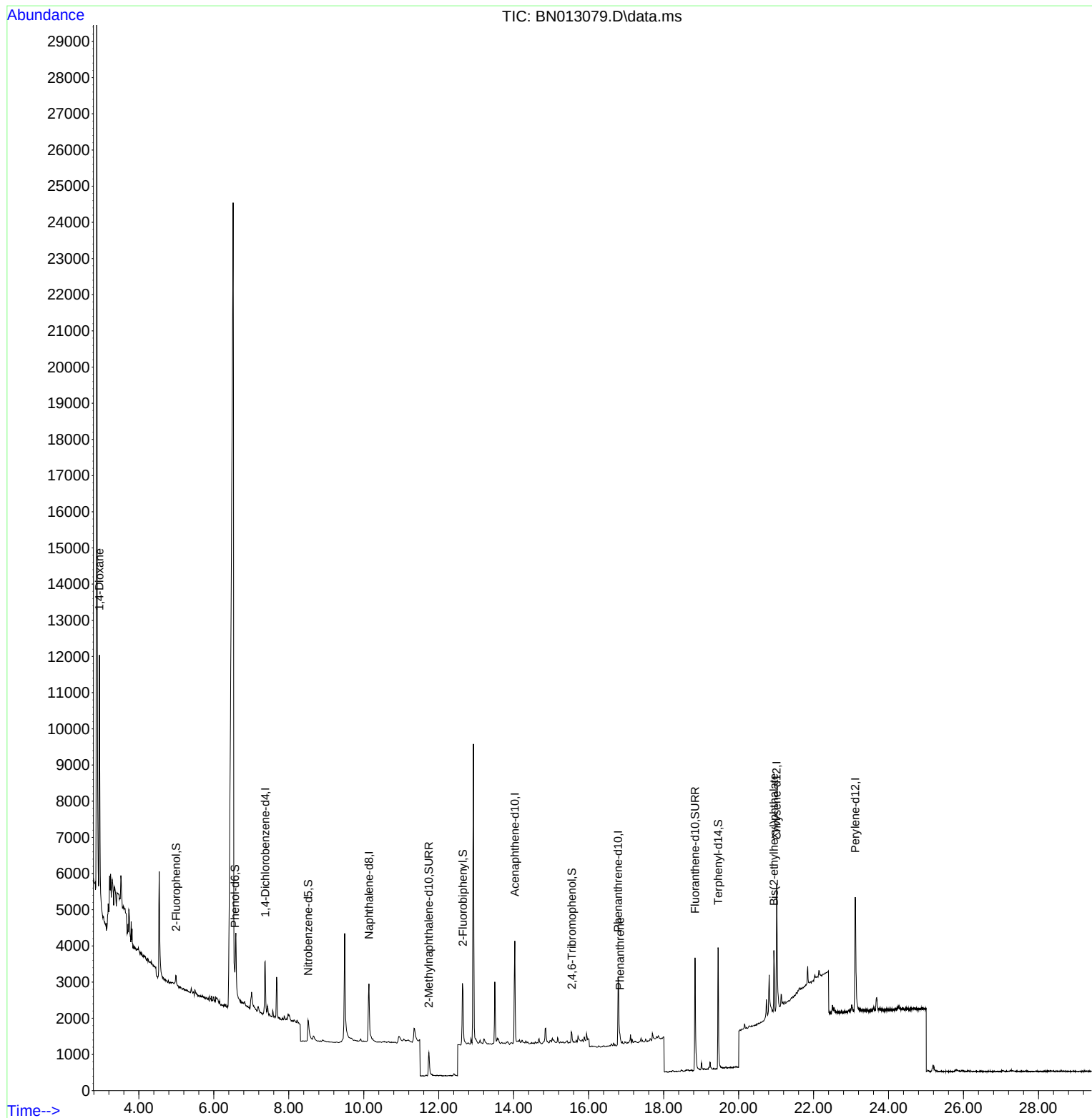
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	781	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2821	0.40	ng	0.00
13) Acenaphthene-d10	14.029	164	1669	0.40	ng	0.00
19) Phenanthrene-d10	16.788	188	3509	0.40	ng	#-0.01
29) Chrysene-d12	21.016	240	4026	0.40	ng	# 0.00
36) Perylene-d12	23.113	264	4651	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	264	0.09	ng	0.00
5) Phenol-d6	6.565	99	205	0.06	ng	0.00
8) Nitrobenzene-d5	8.515	82	847	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	11.737	152	1272	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	297	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	1982	0.27	ng	0.00
27) Fluoranthene-d10	18.836	212	4436	0.38	ng	0.00
31) Terphenyl-d14	19.456	244	4014	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.949	88	4474	3.13	ng	Qvalue 97
25) Phenanthrene	16.836	178	271	0.02	ng	# 83
34) Bis(2-ethylhexyl)phtha...	20.942	149	1540	0.17	ng	98

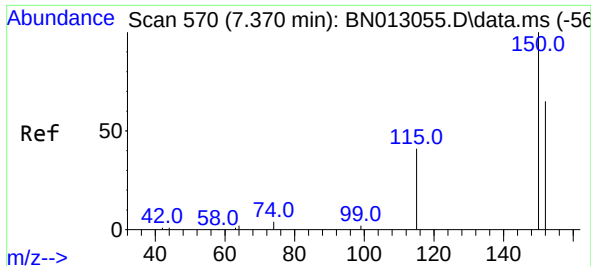
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 01:53:51 2020
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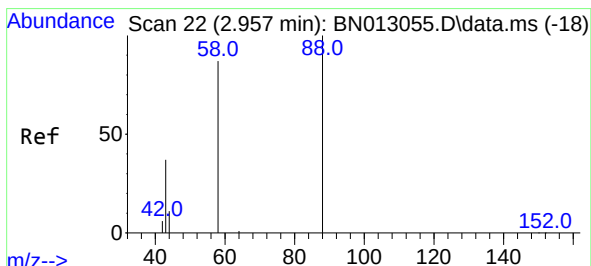
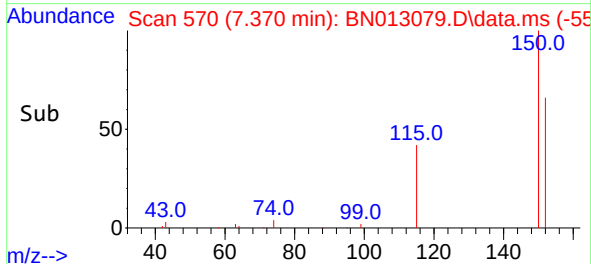
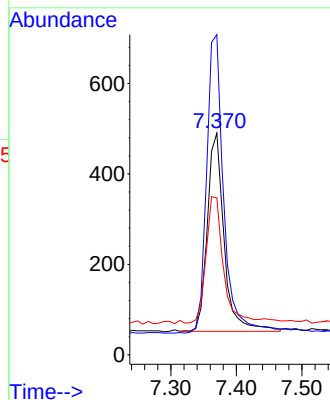
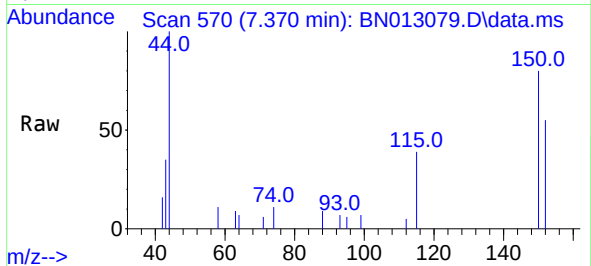




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.370 min Scan# 570
Delta R.T. 0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

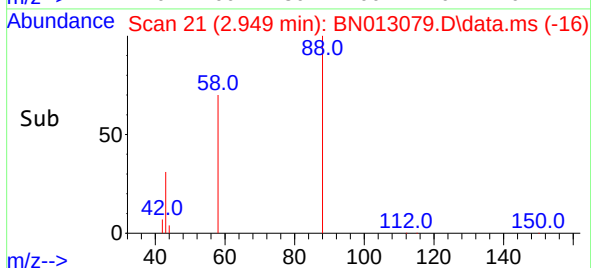
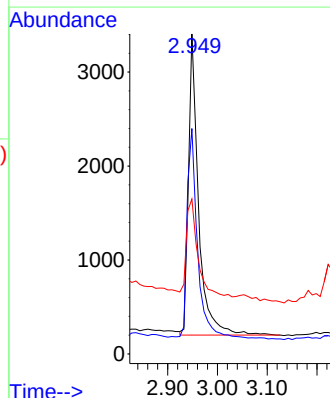
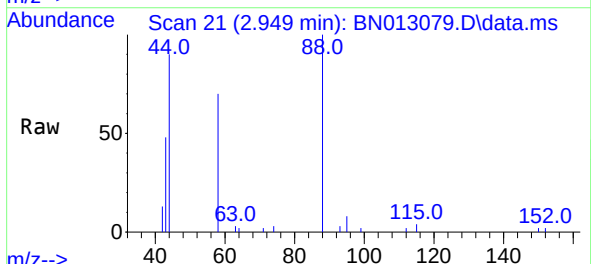
Instrument :
BNA_N
ClientSampleId :
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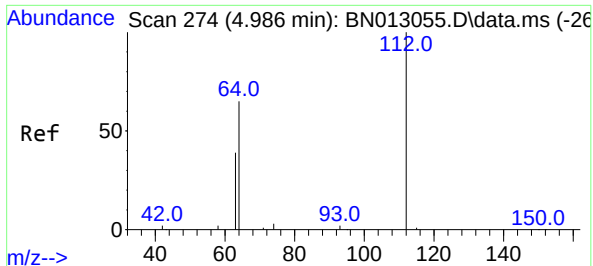
Tgt Ion:152 Resp: 781
Ion Ratio Lower Upper
152 100
150 144.5 116.6 174.8
115 70.8 52.9 79.3



#2
1,4-Dioxane
Concen: 3.13 ng
RT: 2.949 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion: 88 Resp: 4474
Ion Ratio Lower Upper
88 100
58 73.6 59.4 89.2
43 36.4 32.3 48.5

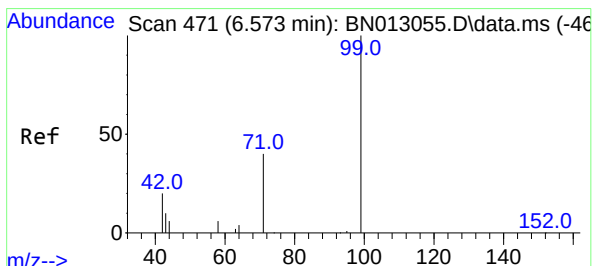
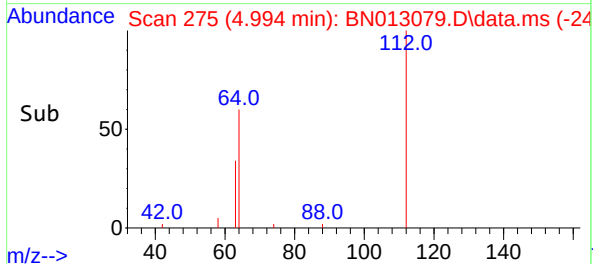
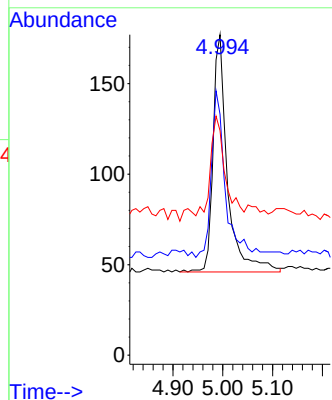
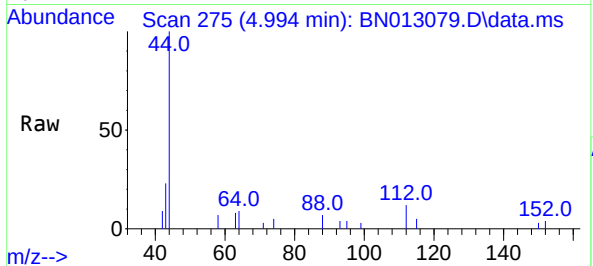




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

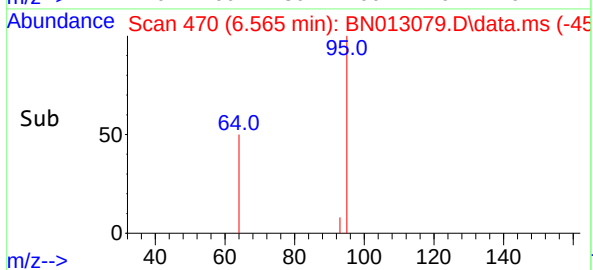
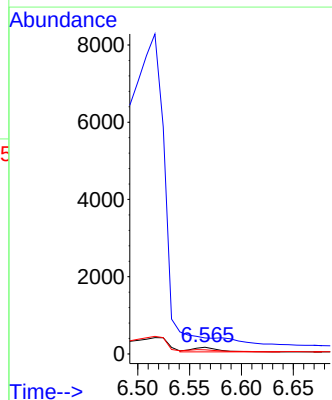
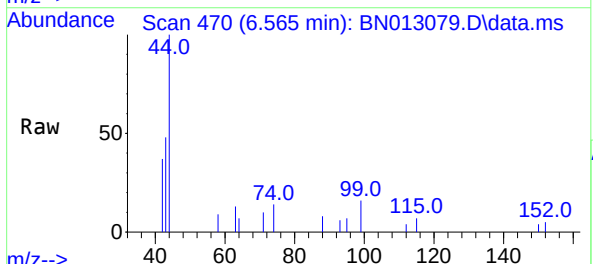
Instrument :
BNA_N
ClientSampleId :
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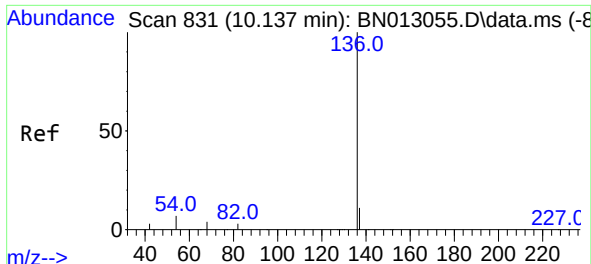
Tgt Ion:112 Resp: 264
Ion Ratio Lower Upper
112 100
64 69.3 49.5 74.3
63 41.7 32.0 48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion: 99 Resp: 205
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 57.6 37.8 56.6#

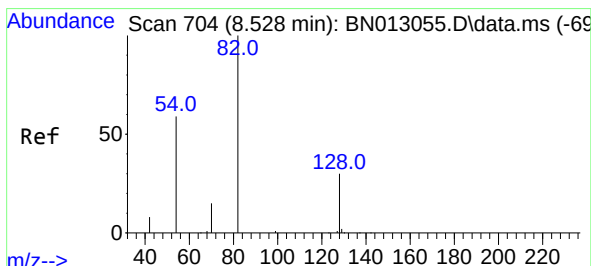
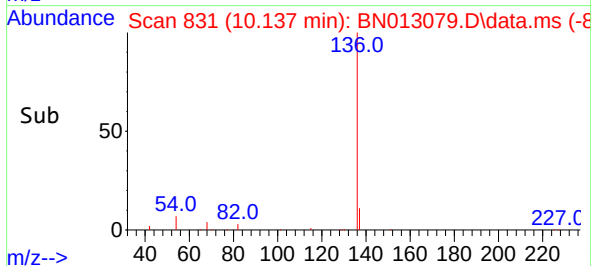
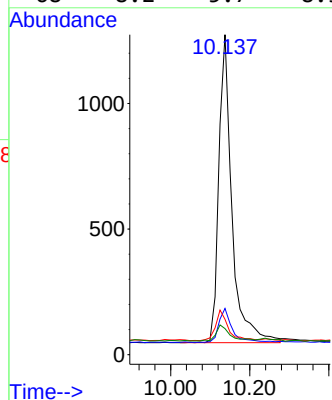
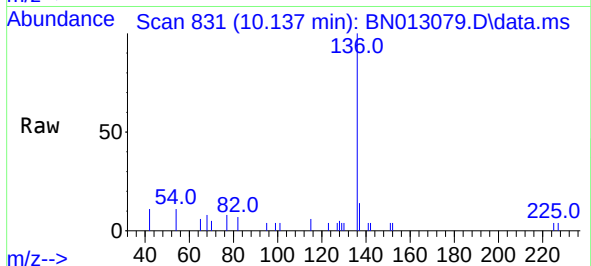




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

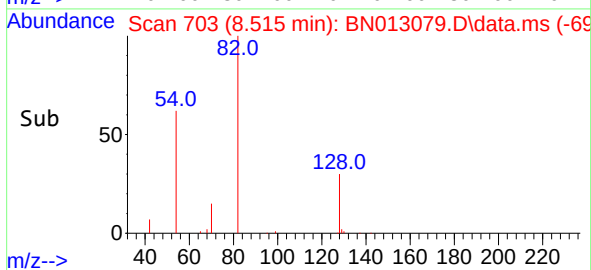
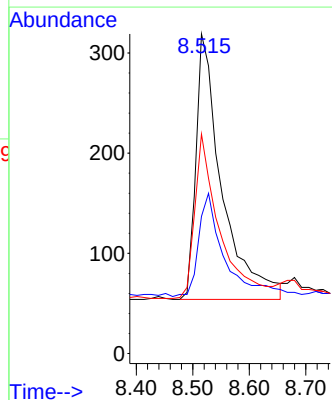
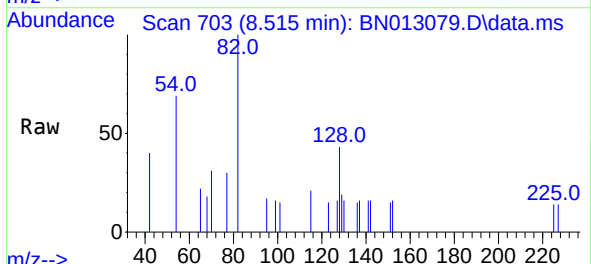
Instrument :
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ClientSampleId :
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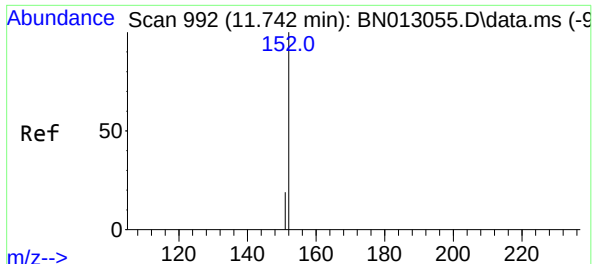
Tgt Ion:	136	Resp:	2821
Ion	Ratio	Lower	Upper
136	100		
137	14.4	10.6	15.8
54	11.1	8.6	12.8
68	8.2	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.515 min Scan# 703
Delta R.T. -0.013 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:	82	Resp:	847
Ion	Ratio	Lower	Upper
82	100		
128	42.9	30.6	46.0
54	68.7	48.3	72.5

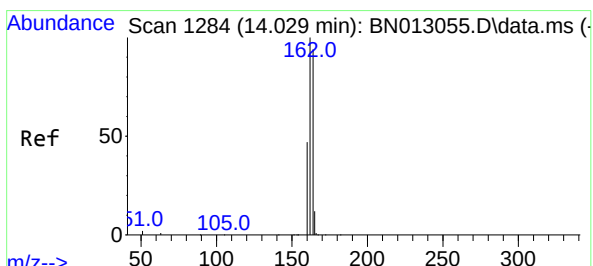
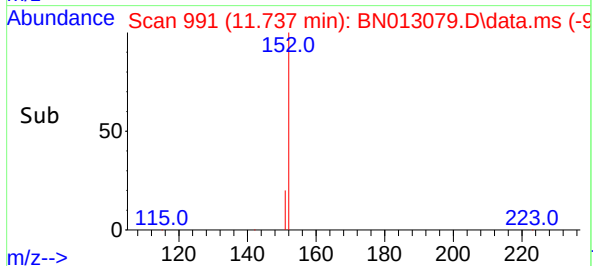
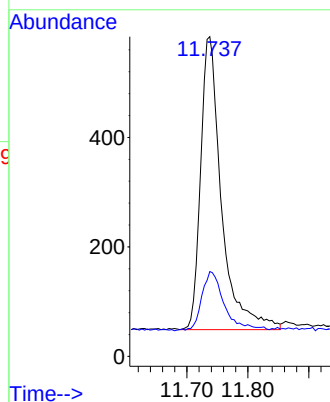
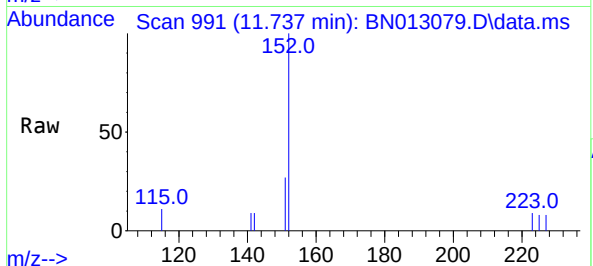




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.737 min Scan# 991
Delta R.T. -0.004 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

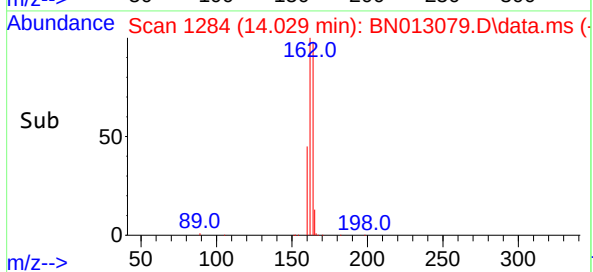
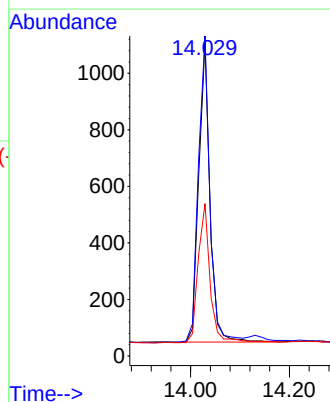
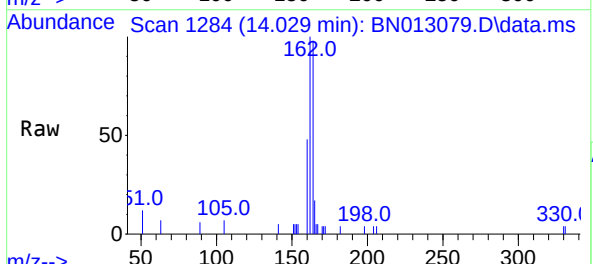
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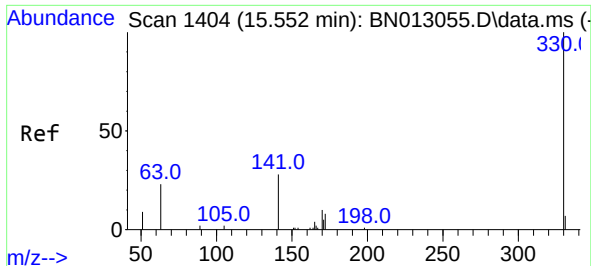
Tgt Ion:152 Resp: 1272
Ion Ratio Lower Upper
152 100
151 22.1 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:164 Resp: 1669
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 48.7 39.5 59.3

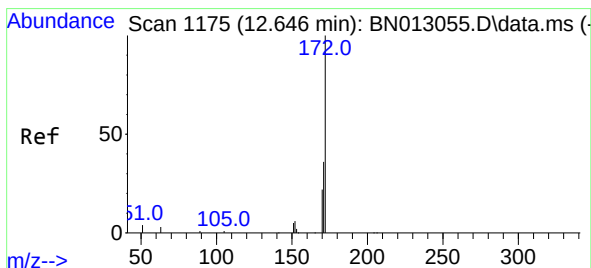
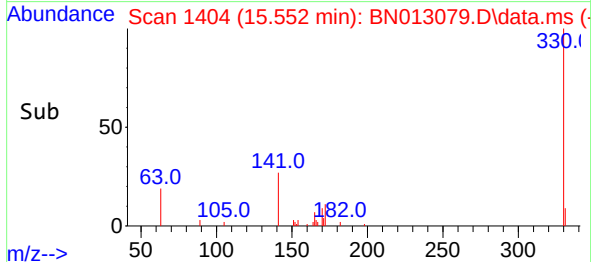
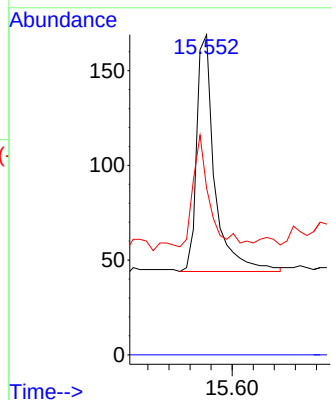
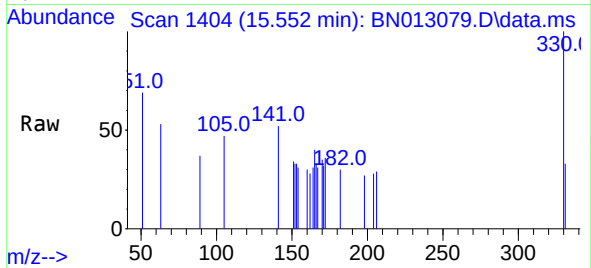




#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.552 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

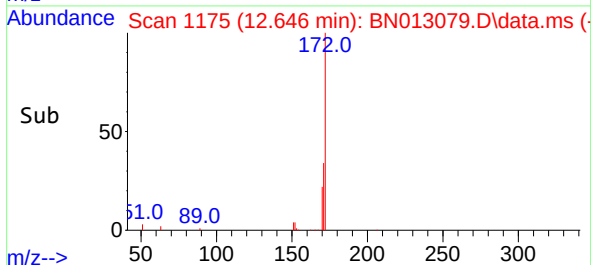
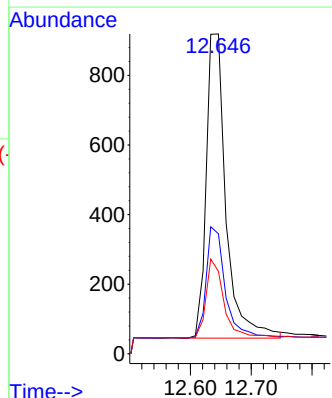
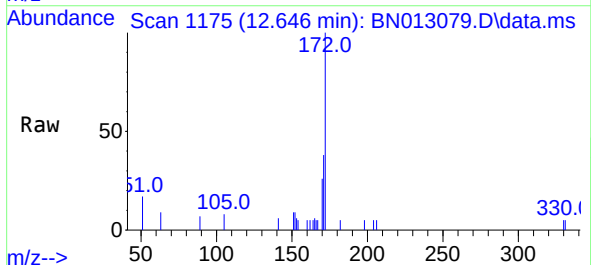
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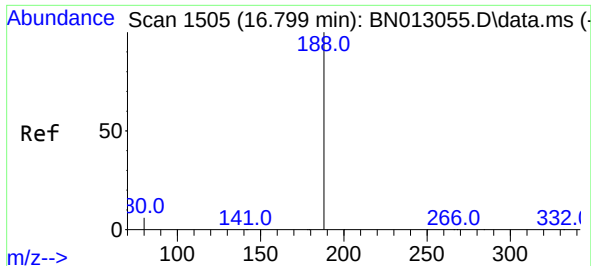
Tgt Ion:330 Resp: 297
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.1 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.646 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:172 Resp: 1982
Ion Ratio Lower Upper
172 100
171 37.5 28.2 42.4
170 25.8 20.0 30.0

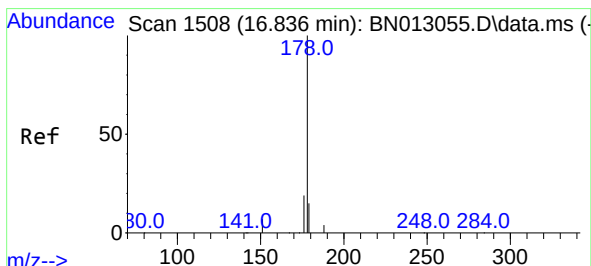
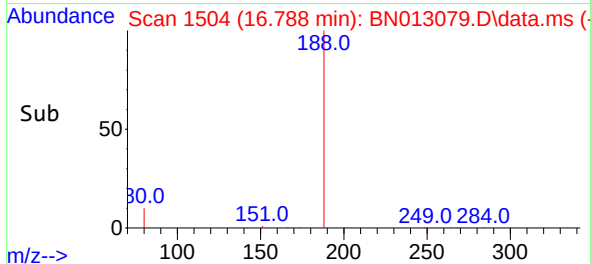
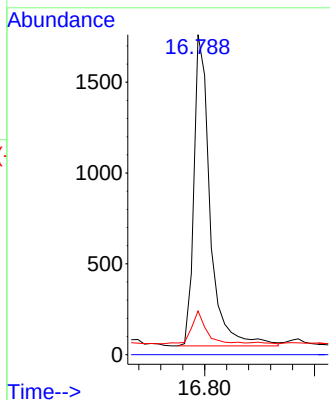
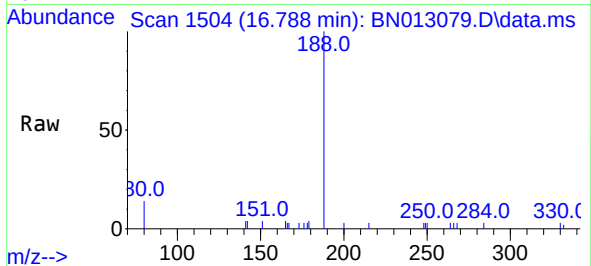




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. -0.012 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

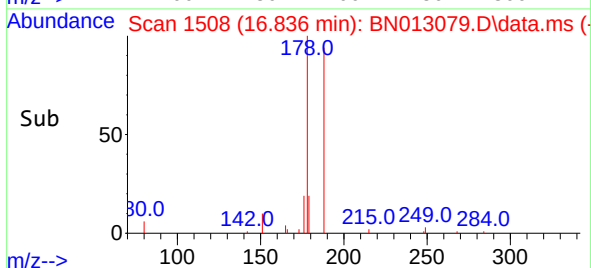
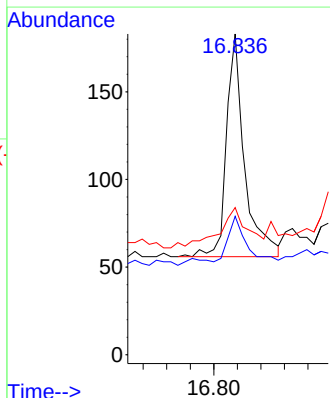
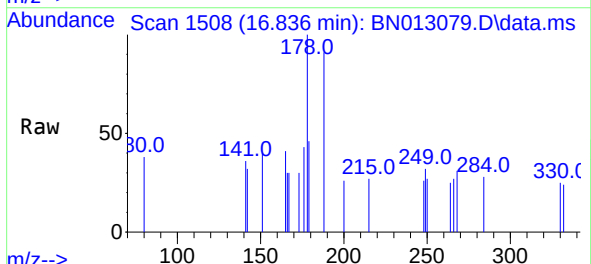
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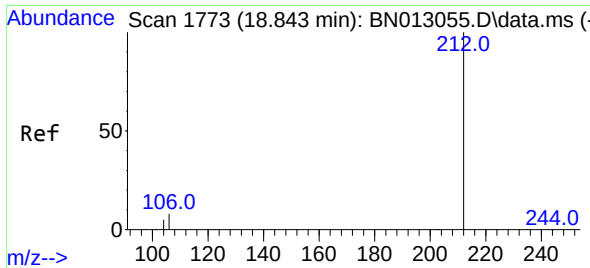
Tgt Ion:188 Resp: 3509
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 5.0 7.4#



#25
Phenanthrene
Concen: 0.02 ng
RT: 16.836 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:178 Resp: 271
Ion Ratio Lower Upper
178 100
176 19.9 14.8 22.2
179 29.2 12.4 18.6#

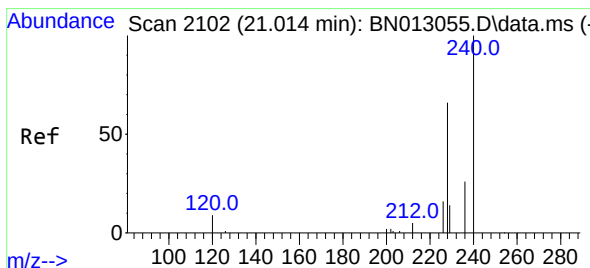
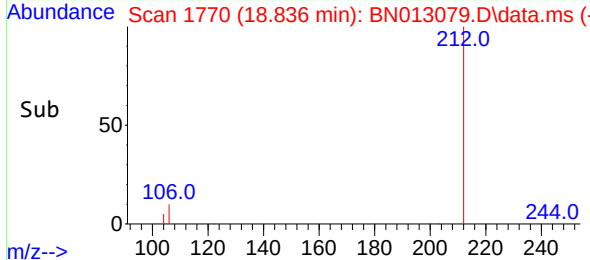
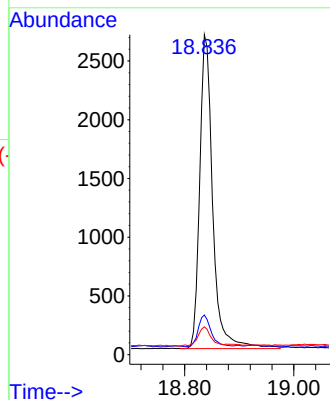
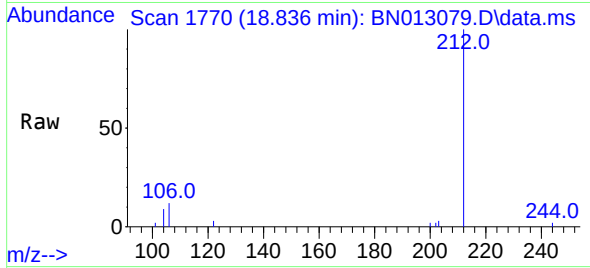




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.836 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

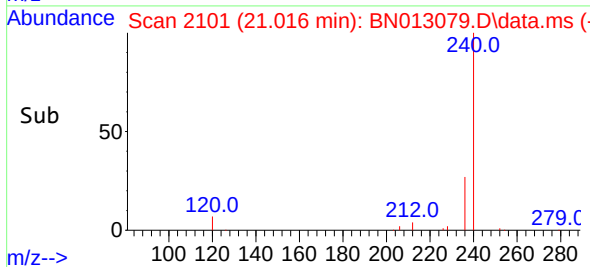
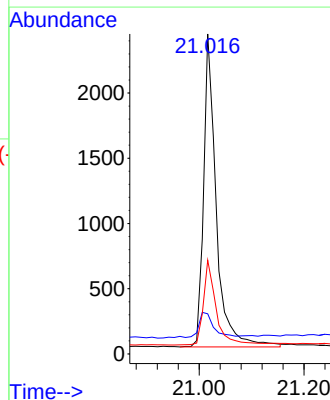
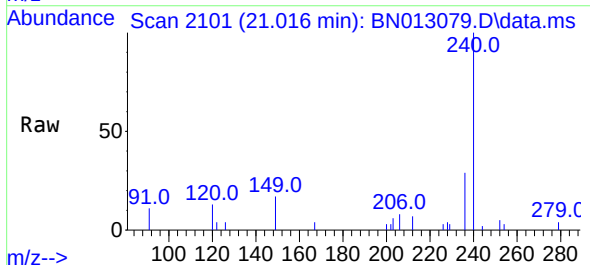
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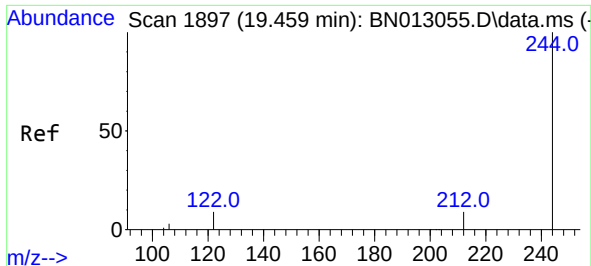
Tgt Ion:	212	Resp:	4436
Ion Ratio	Lower	Upper	
212	100		
106	9.9	6.8	10.2
104	6.0	4.1	6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:	240	Resp:	4026
Ion Ratio	Lower	Upper	
240	100		
120	12.5	5.3	7.9#
236	29.3	21.8	32.8

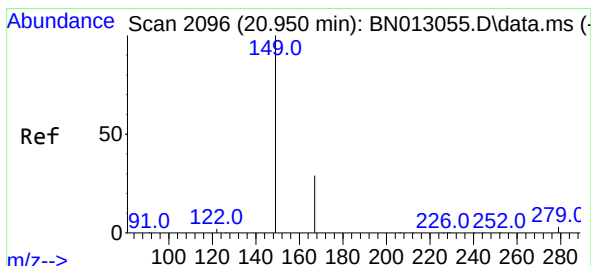
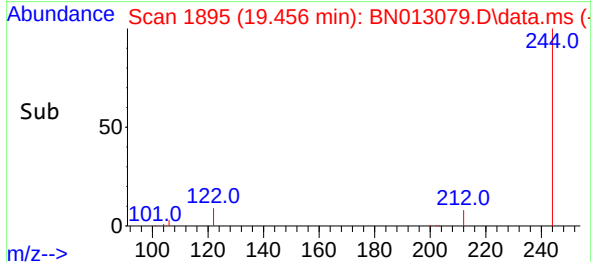
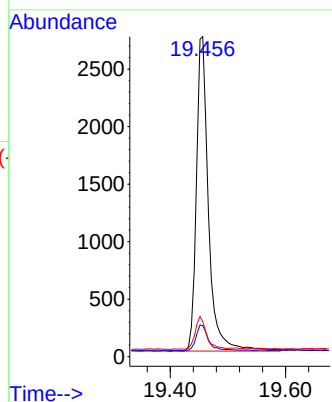
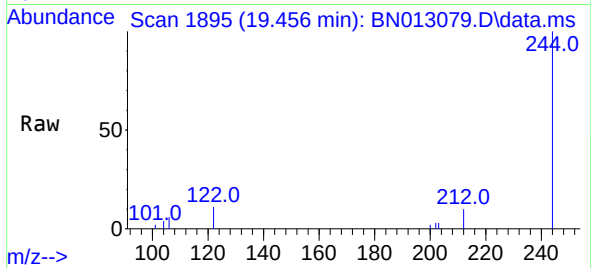




#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.456 min Scan# 1895
Delta R.T. -0.002 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

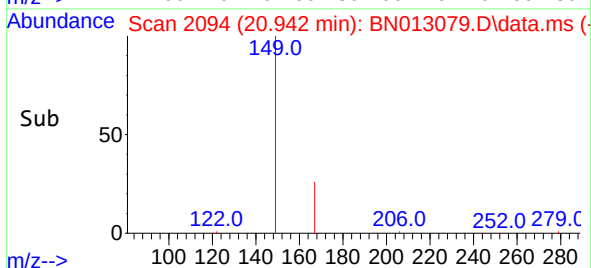
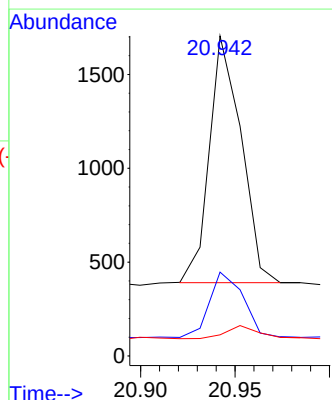
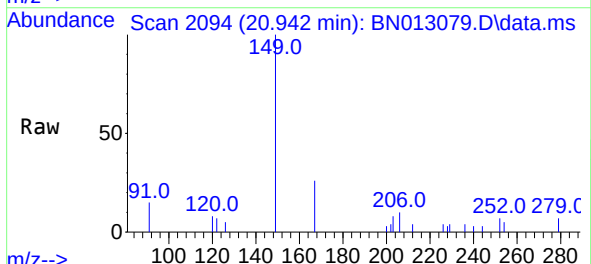
Instrument :
BNA_N
ClientSampleId :
RE105D1-20201208

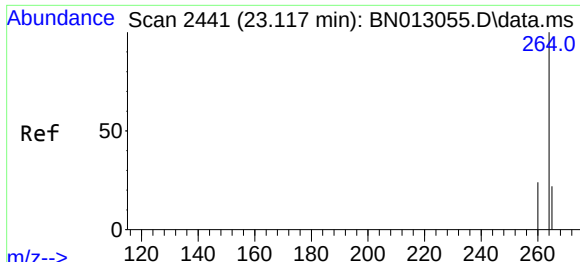
Tgt Ion:244 Resp: 4014
Ion Ratio Lower Upper
244 100
212 9.7 7.3 10.9
122 11.0 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013079.D
Acq: 12 Dec 2020 07:08

Tgt Ion:149 Resp: 1540
Ion Ratio Lower Upper
149 100
167 28.0 23.2 34.8
279 5.6 3.9 5.9





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.113 min Scan# 2438
 Delta R.T. -0.004 min
 Lab File: BN013079.D
 Acq: 12 Dec 2020 07:08

Instrument :
 BNA_N
 ClientSampleId :
 RE105D1-20201208

Tgt Ion:	264	Resp:	4651
Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	76.1	51.4	77.0

