

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016335.D
 Acq On : 18 Sep 2021 15:08
 Operator : CG/JU
 Sample : M3750-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 NAPL-AREA-04-(8-10)-END-POINT

Quant Time: Sep 20 00:57:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 23:59:14 2021
 Response via : Initial Calibration

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

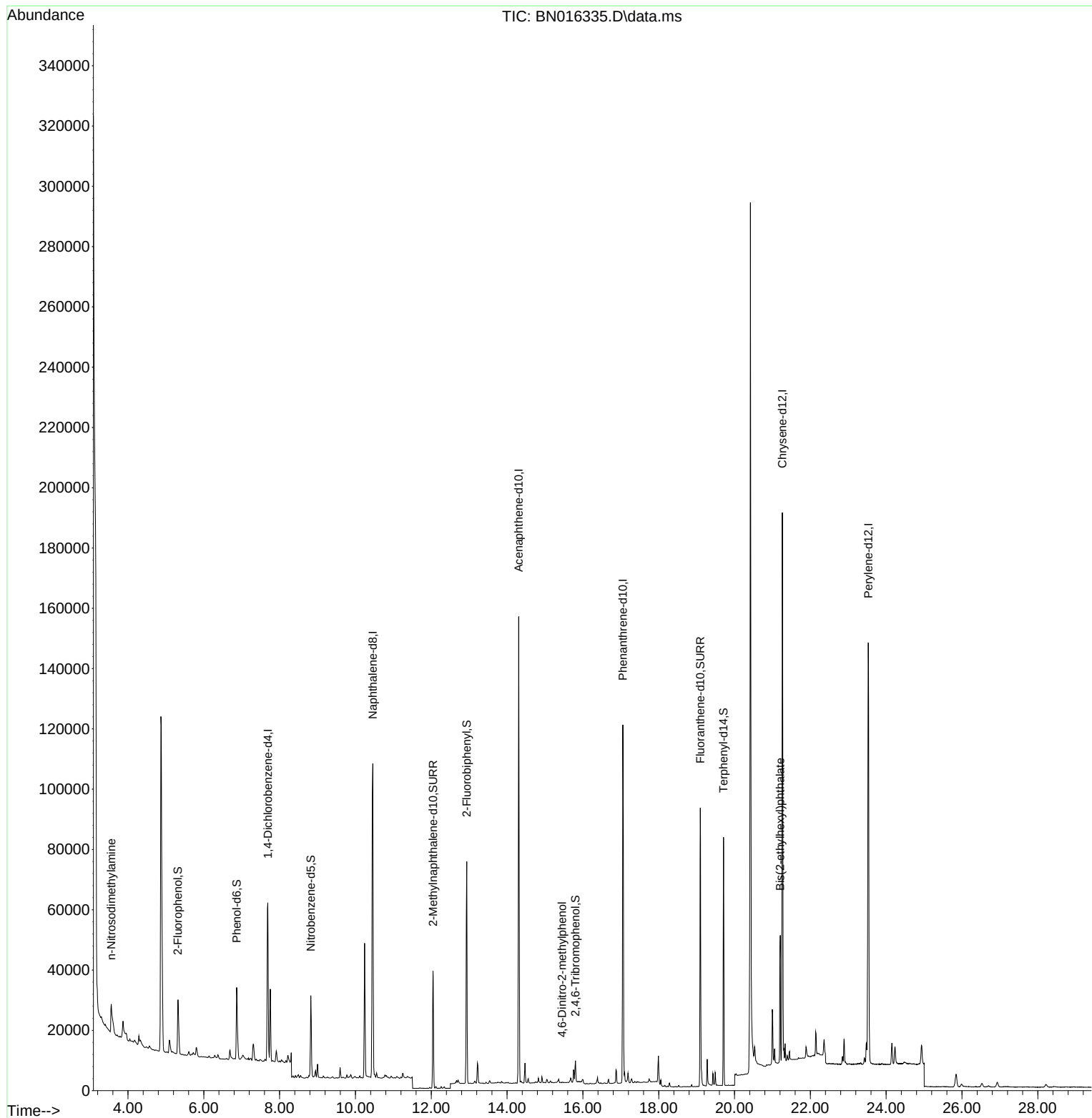
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	32212	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	147933	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	82935	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	164410	0.400	ng	-0.01
29) Chrysene-d12	21.259	240	174242	0.400	ng	# 0.00
35) Perylene-d12	23.529	264	182458	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	19755	0.244	ng	0.02
5) Phenol-d6	6.868	99	22540	0.230	ng	0.00
8) Nitrobenzene-d5	8.822	82	20698	0.235	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	51210	0.220	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	5242	0.215	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	64452	0.199	ng	0.00
27) Fluoranthene-d10	19.098	212	102729	0.216	ng	0.00
31) Terphenyl-d14	19.708	244	81679	0.202	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.558	42	3739	0.122	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.449	198	12	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.206	149	40882	0.135	ng	98

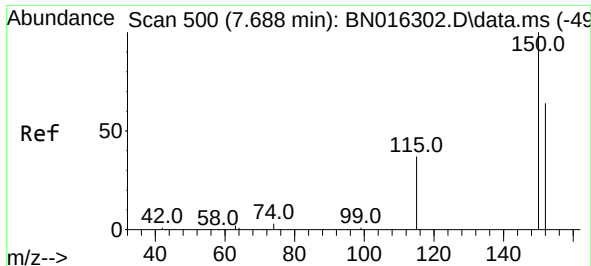
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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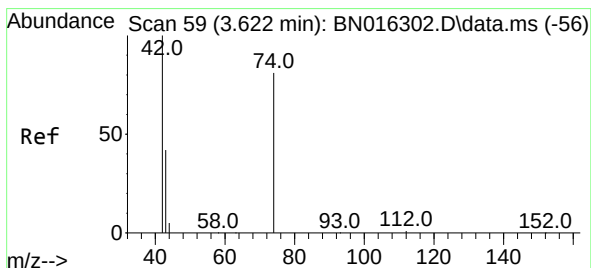
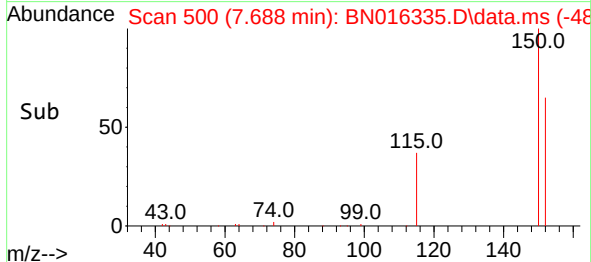
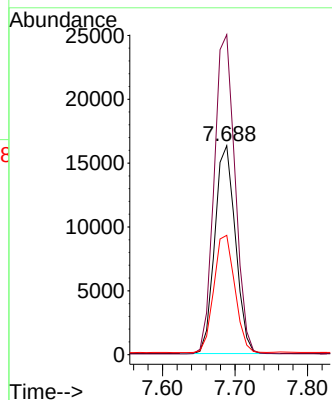
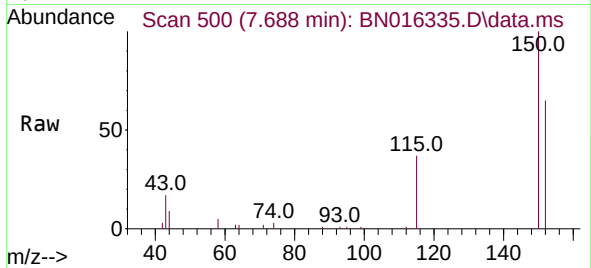




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. 0.000 min
 Lab File: BN016335.D
 Acq: 18 Sep 2021 15:08

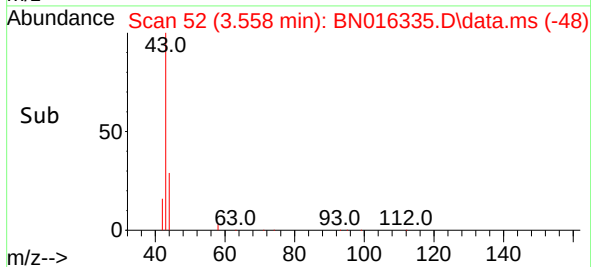
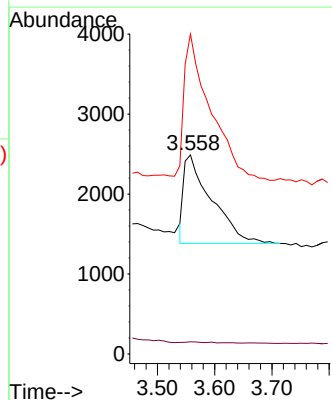
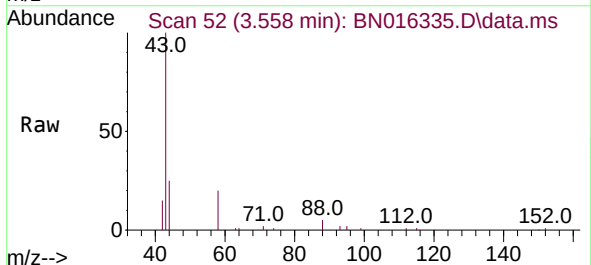
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 BNA_N
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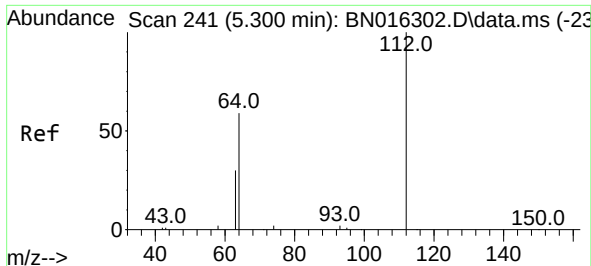
Tgt Ion:152 Resp: 32212
 Ion Ratio Lower Upper
 152 100
 150 153.1 125.6 188.4
 115 57.1 50.2 75.2



#3
 n-Nitrosodimethylamine
 Concen: 0.122 ng
 RT: 3.558 min Scan# 52
 Delta R.T. -0.065 min
 Lab File: BN016335.D
 Acq: 18 Sep 2021 15:08

Tgt Ion: 42 Resp: 3739
 Ion Ratio Lower Upper
 42 100
 74 0.4 113.6 170.4#
 44 153.6 0.0 0.0#

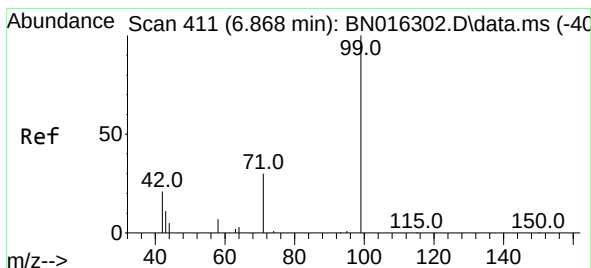
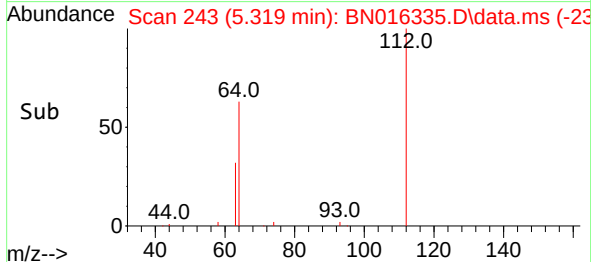
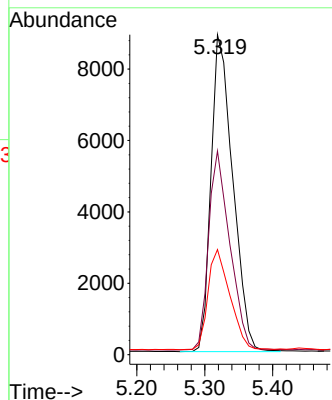
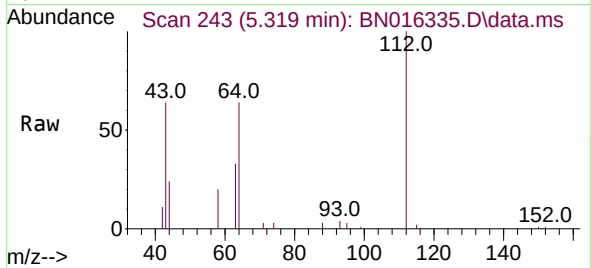




#4
2-Fluorophenol
Concen: 0.244 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.018 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

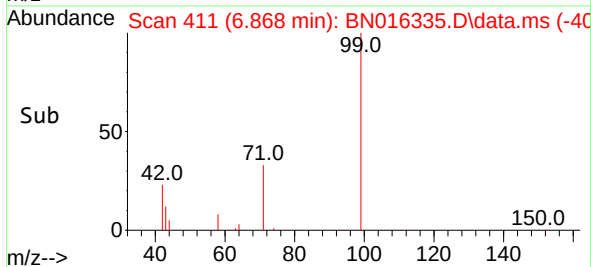
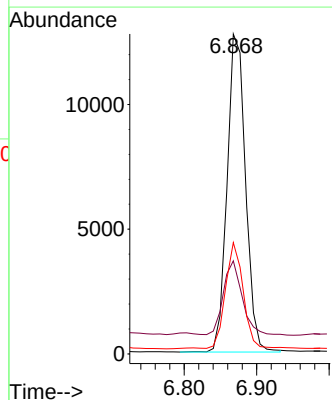
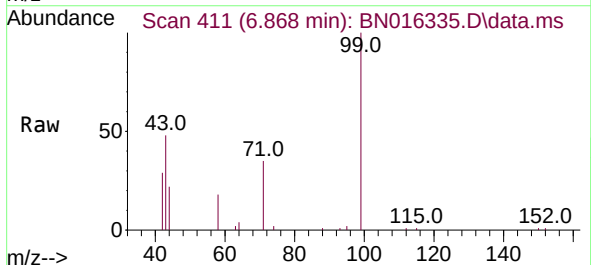
Instrument :
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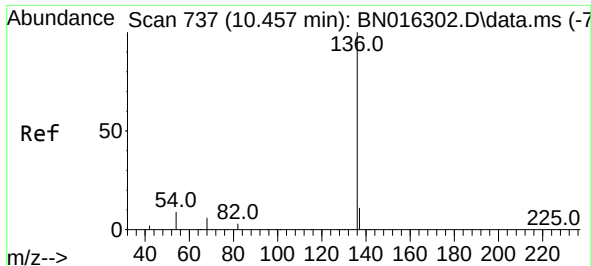
Tgt Ion:112 Resp: 19755
Ion Ratio Lower Upper
112 100
64 61.4 47.3 70.9
63 31.9 23.4 35.0



#5
Phenol-d6
Concen: 0.230 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

Tgt Ion: 99 Resp: 22540
Ion Ratio Lower Upper
99 100
42 23.5 14.0 21.0#
71 32.4 23.8 35.6

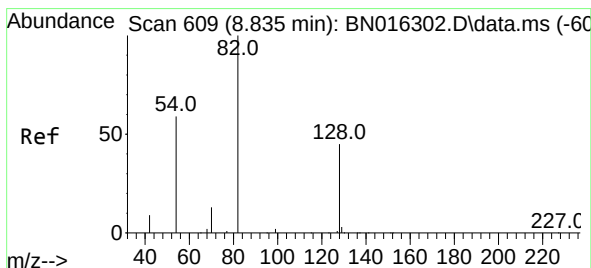
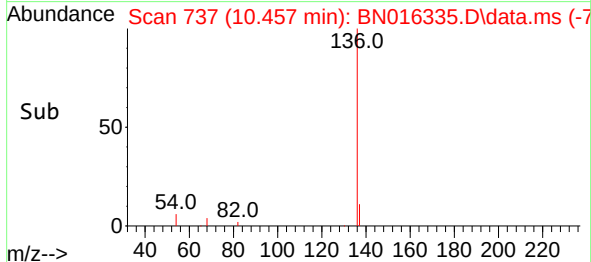
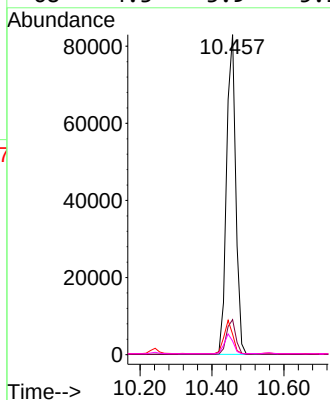
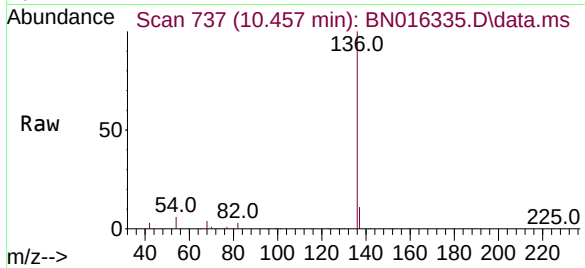




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

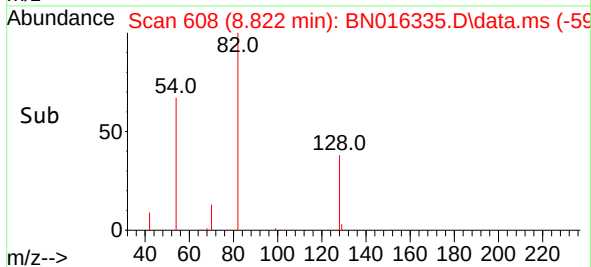
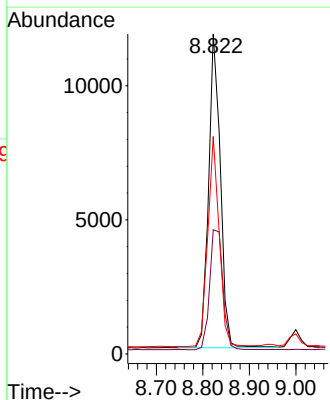
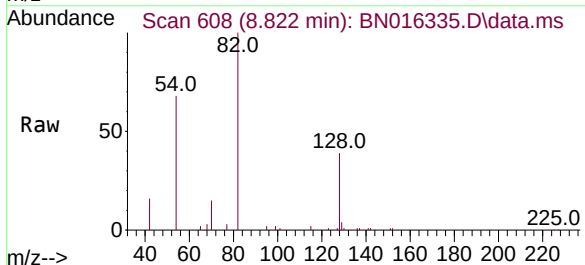
Instrument :
BNA_N
ClientSampleId :
NAPL-AREA-04-(8-10)-END-POINT

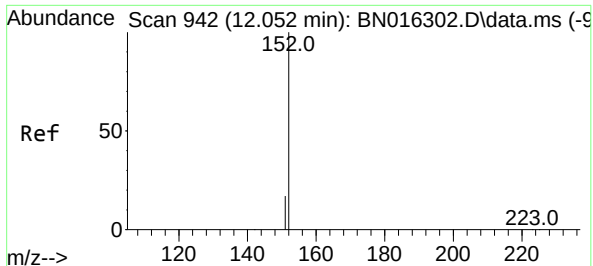
Tgt Ion:	136	Resp:	147933
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.3	7.9
68	4.3	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

Tgt Ion:	82	Resp:	20698
Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.7	47.5
54	67.9	46.4	69.6

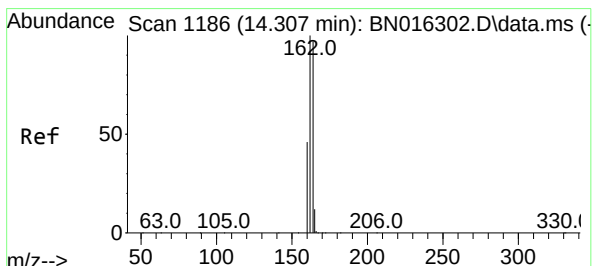
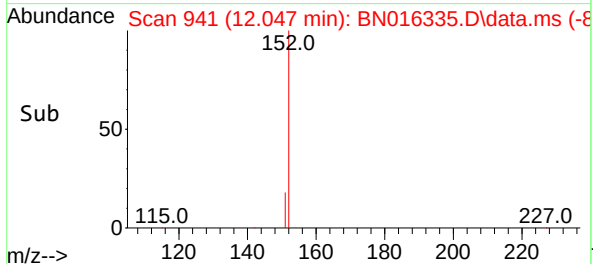
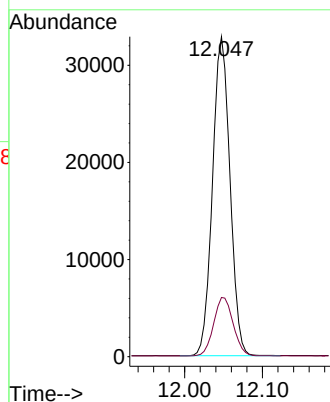
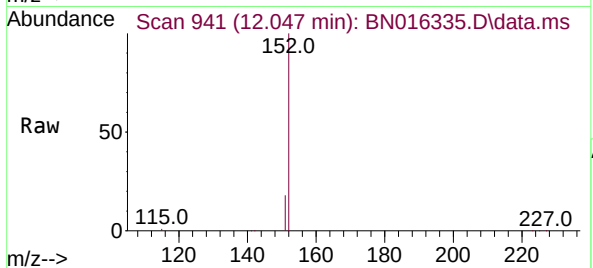




#11
2-Methylnaphthalene-d10
Concen: 0.220 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

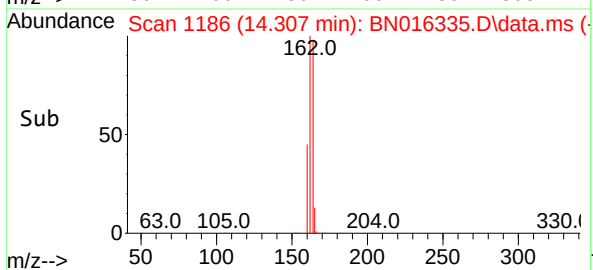
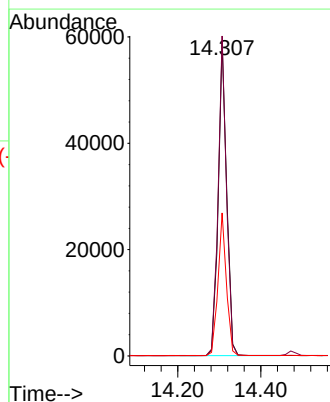
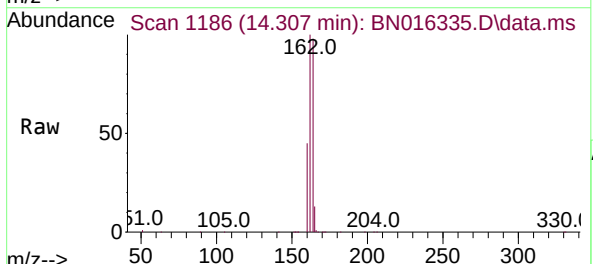
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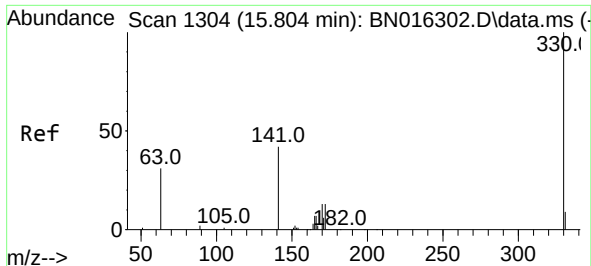
Tgt Ion:152 Resp: 51210
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

Tgt Ion:164 Resp: 82935
Ion Ratio Lower Upper
164 100
162 101.7 79.0 118.4
160 45.5 34.1 51.1

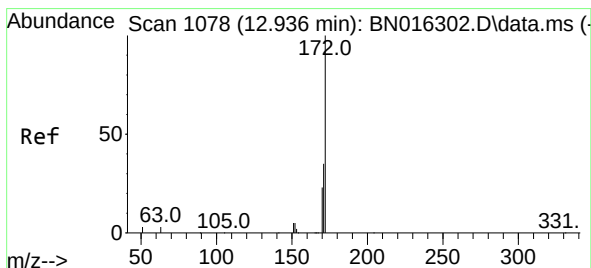
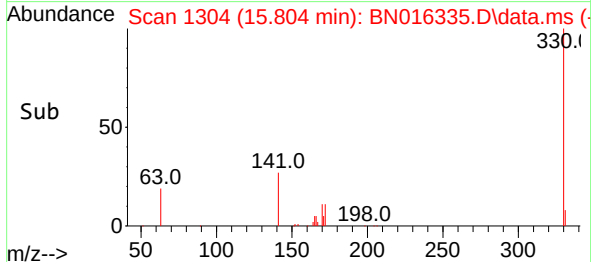
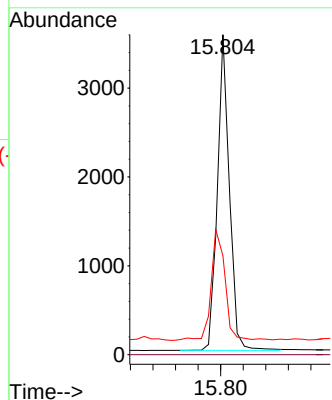
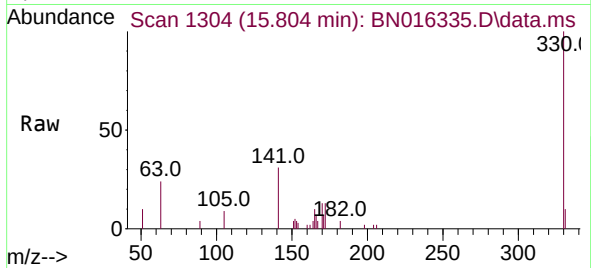




#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

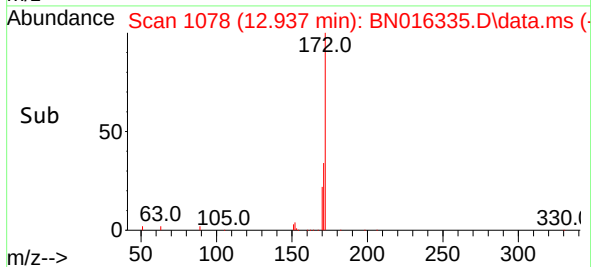
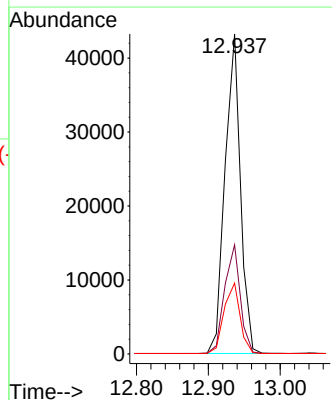
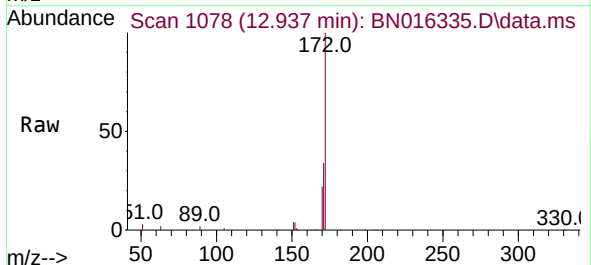
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ClientSampleId :
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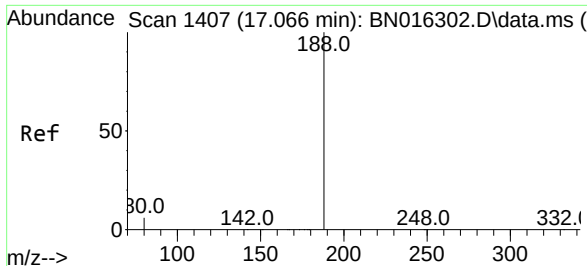
Tgt Ion:330 Resp: 5242
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.5 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.199 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

Tgt Ion:172 Resp: 64452
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 22.1 18.2 27.2

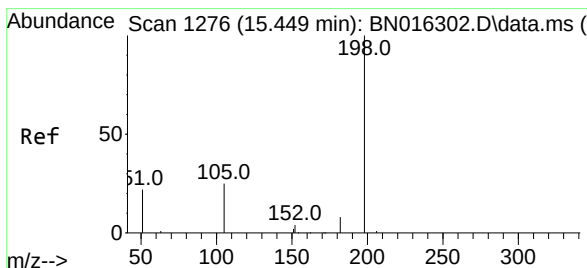
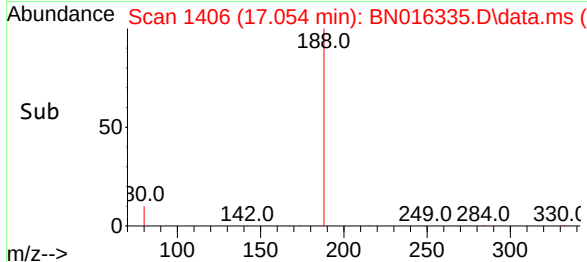
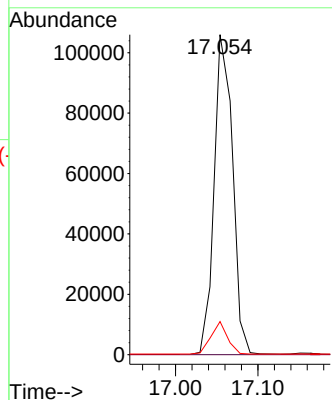
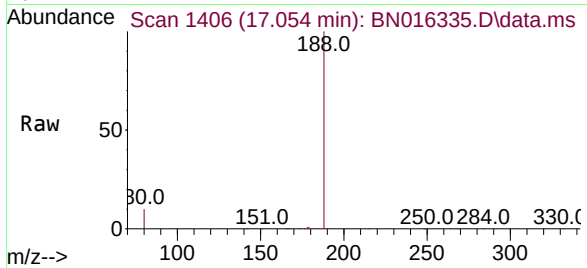




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

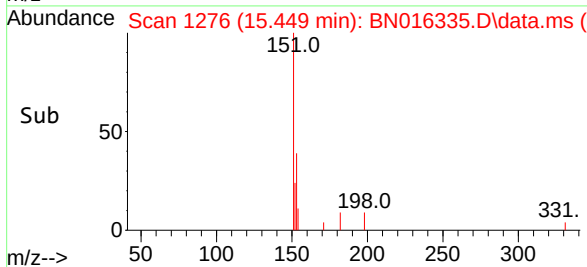
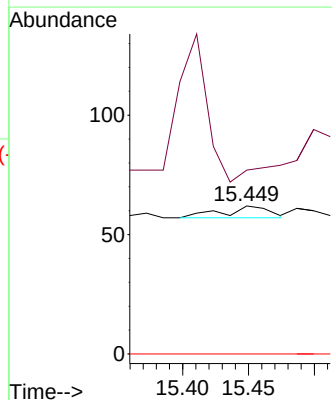
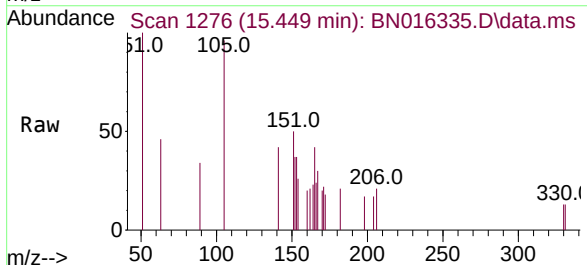
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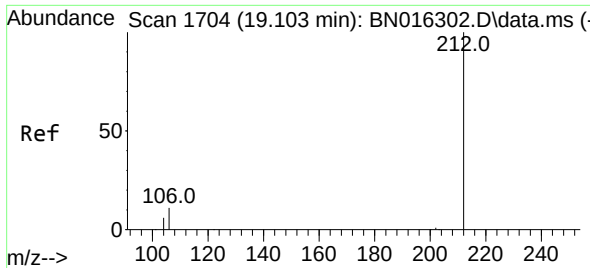
Tgt Ion:188 Resp: 164410
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.4 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.449 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
182 124.2 26.6 39.8#
77 0.0 0.0 0.0

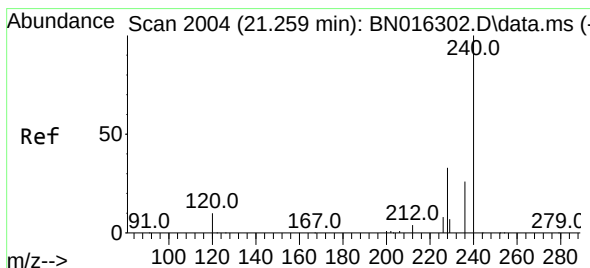
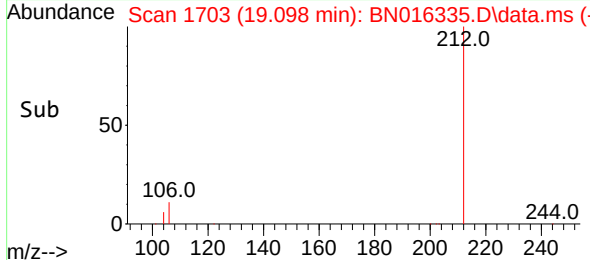
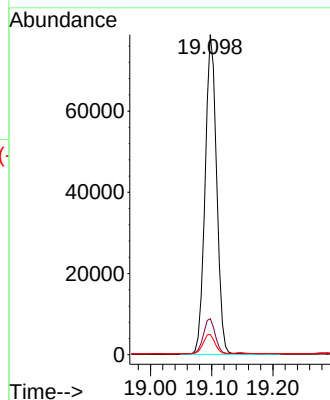
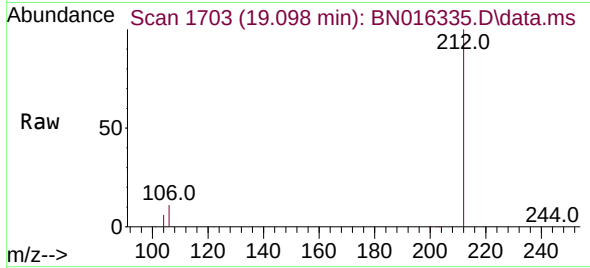




#27
Fluoranthene-d10
Concen: 0.216 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

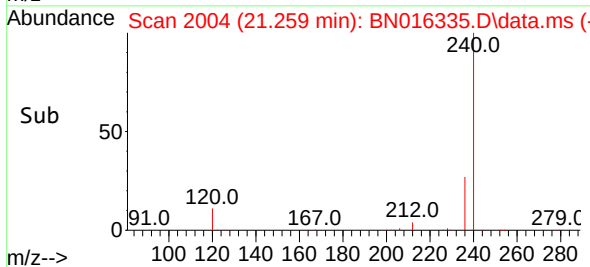
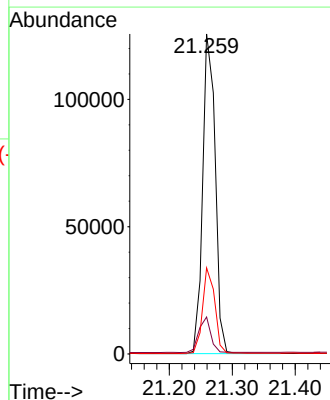
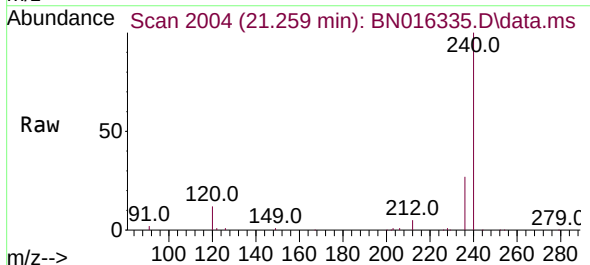
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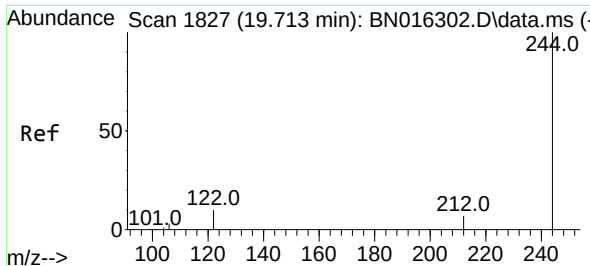
Tgt Ion:212 Resp: 102729
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016335.D
Acq: 18 Sep 2021 15:08

Tgt Ion:240 Resp: 174242
Ion Ratio Lower Upper
240 100
120 11.5 5.3 7.9#
236 26.9 19.8 29.8

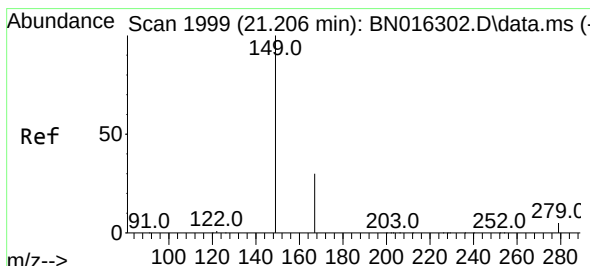
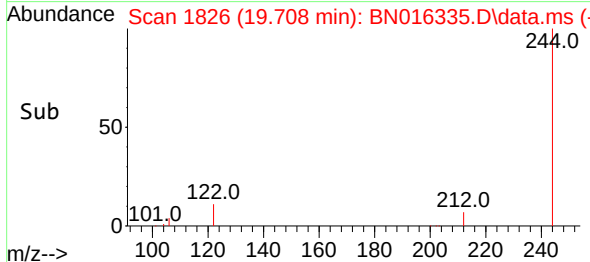
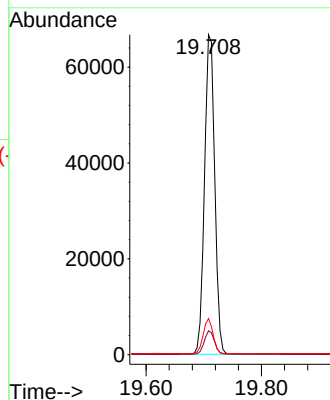
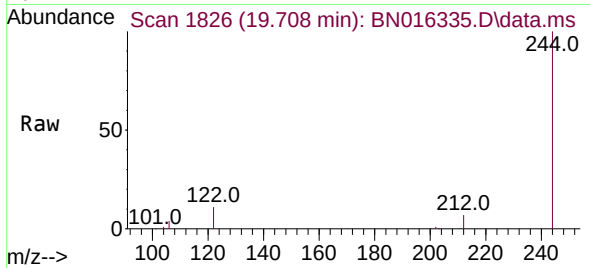




#31
 Terphenyl-d14
 Concen: 0.202 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. -0.005 min
 Lab File: BN016335.D
 Acq: 18 Sep 2021 15:08

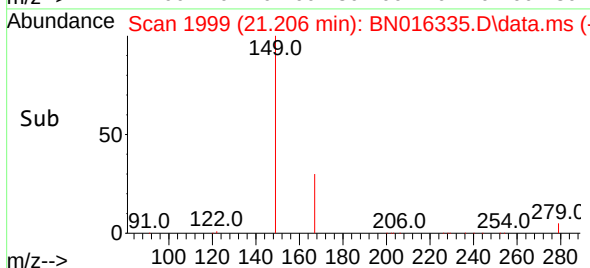
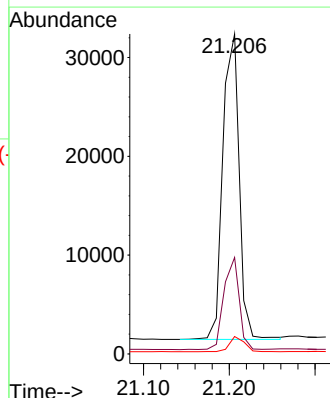
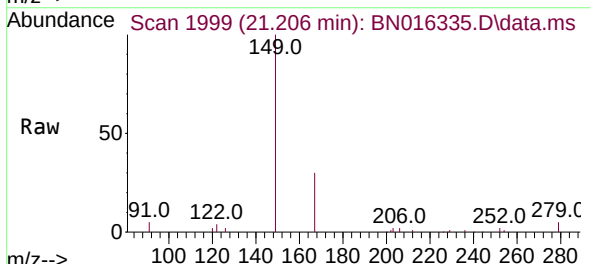
Instrument :
 BNA_N
 ClientSampleId :
 NAPL-AREA-04-(8-10)-END-POINT

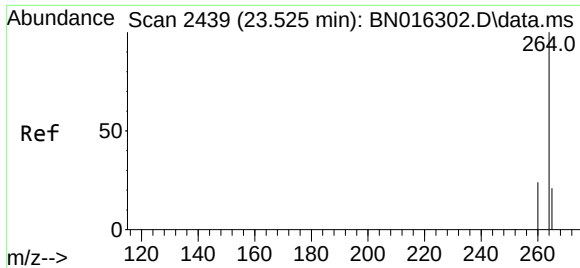
Tgt Ion:244 Resp: 81679
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.5 8.3
 122 11.3 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.135 ng
 RT: 21.206 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: BN016335.D
 Acq: 18 Sep 2021 15:08

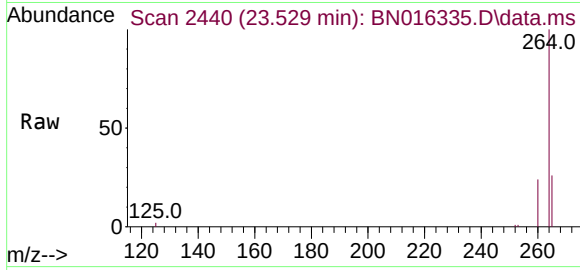
Tgt Ion:149 Resp: 40882
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.4 35.0
 279 4.5 3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.529 min Scan# 2440
 Delta R.T. 0.003 min
 Lab File: BN016335.D
 Acq: 18 Sep 2021 15:08

Instrument :
 BNA_N
 ClientSampleId :
 NAPL-AREA-04-(8-10)-END-POINT



Tgt Ion:264 Resp: 182458

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	26.3	23.7	35.5

