

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
 Data File : BN016331.D
 Acq On : 18 Sep 2021 12:44
 Operator : CG/JU
 Sample : M3750-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 NAPL-AREA-03-(10-12)-END-POINT

Quant Time: Sep 20 00:56:50 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)

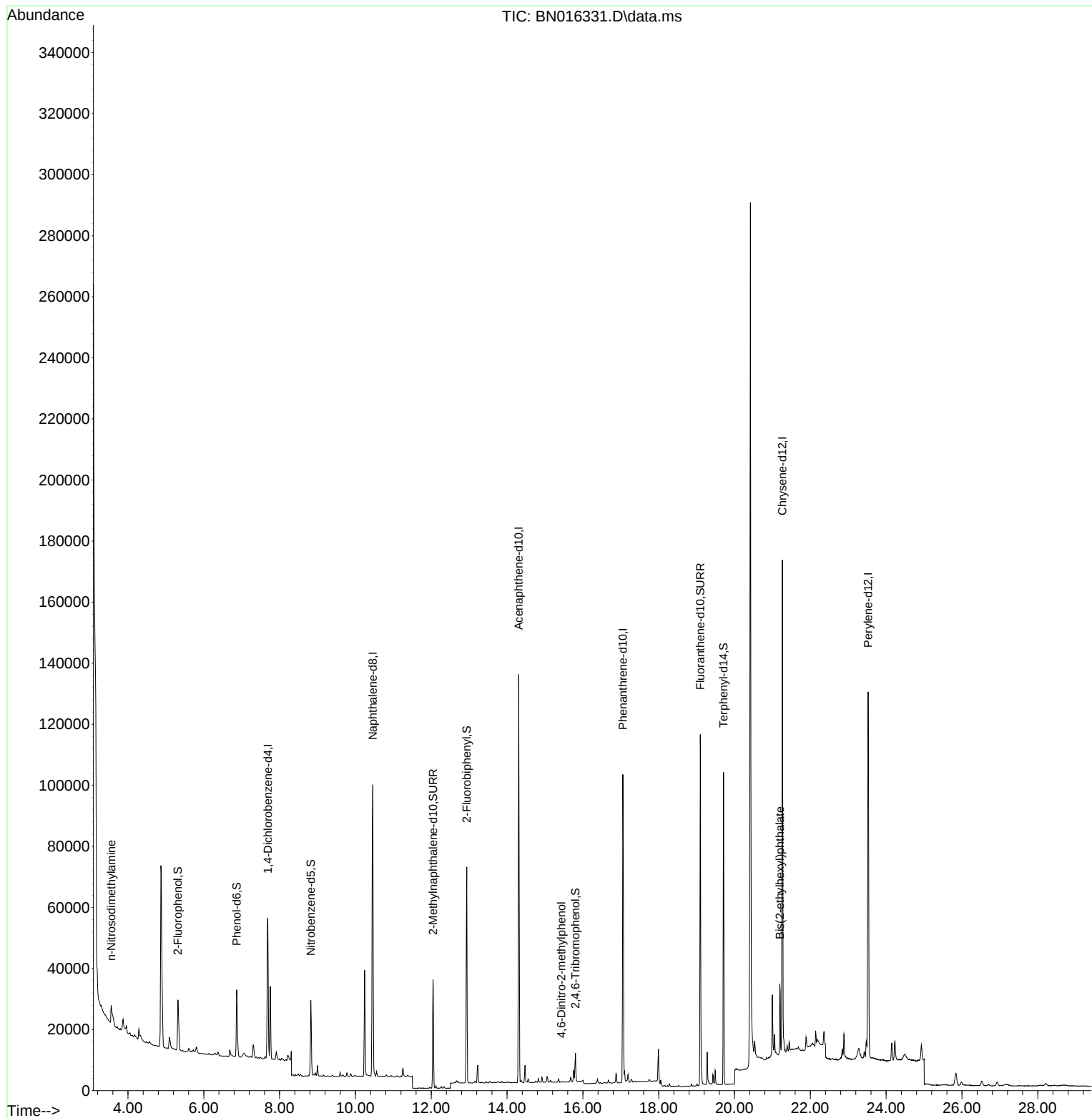
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	28532	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	131671	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	72779	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	139596	0.400	ng	-0.01
29) Chrysene-d12	21.259	240	145729	0.400	ng	# 0.00
35) Perylene-d12	23.525	264	152317	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	18519	0.259	ng	0.02
5) Phenol-d6	6.868	99	21252	0.245	ng	0.00
8) Nitrobenzene-d5	8.822	82	19300	0.247	ng	-0.01
11) 2-Methylnaphthalene-d10	12.047	152	46322	0.223	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	6692	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.936	172	60696	0.213	ng	0.00
27) Fluoranthene-d10	19.098	212	126543	0.313	ng	0.00
31) Terphenyl-d14	19.708	244	101185	0.300	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.558	42	2678	0.099	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.436	198	10	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.195	149	23820	0.094	ng	98

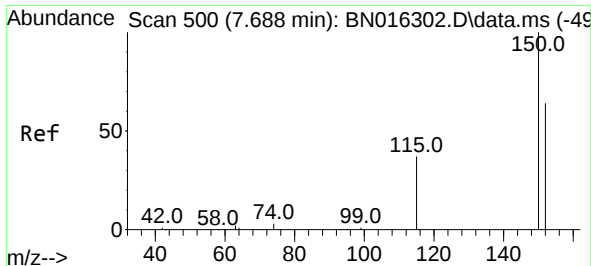
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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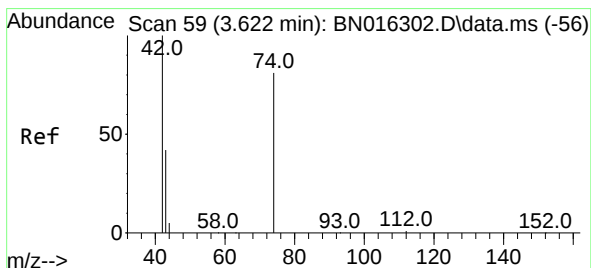
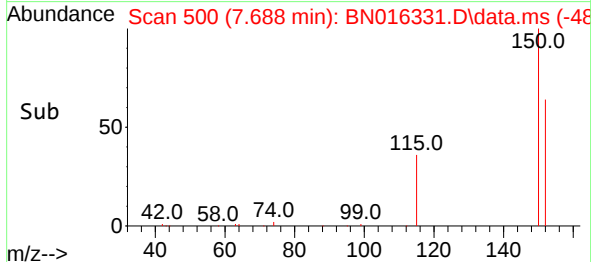
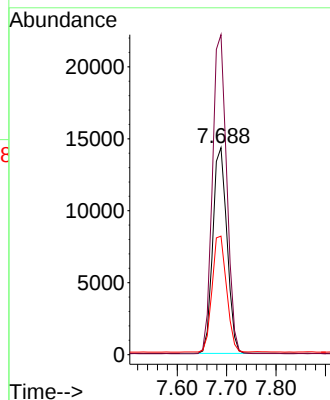
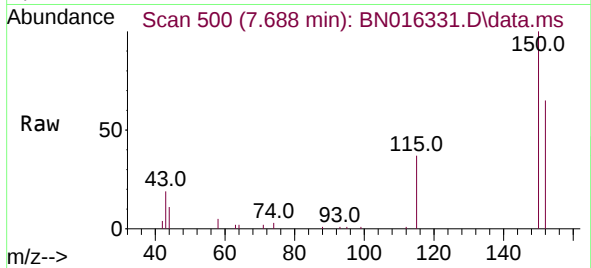




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 500
Delta R.T. 0.000 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

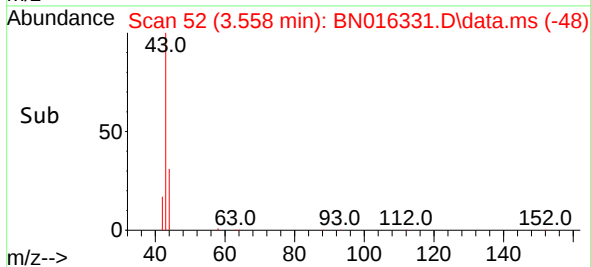
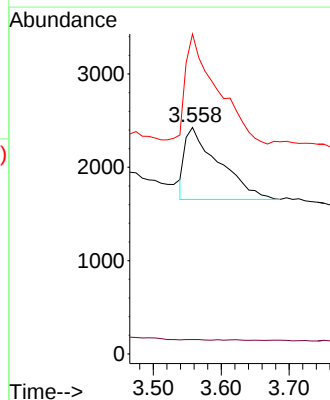
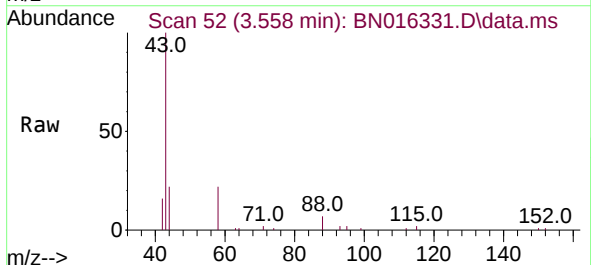
Instrument :
BNA_N
ClientSampleId :
NAPL-AREA-03-(10-12)-END-POINT

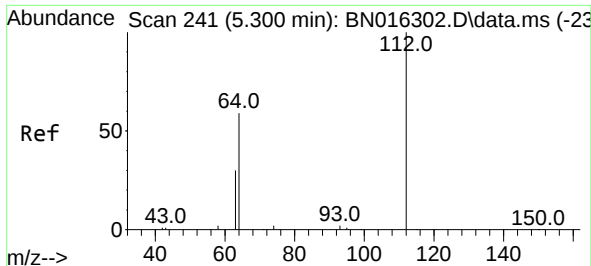
Tgt Ion:152 Resp: 28532
Ion Ratio Lower Upper
152 100
150 154.6 125.6 188.4
115 57.2 50.2 75.2



#3
n-Nitrosodimethylamine
Concen: 0.099 ng
RT: 3.558 min Scan# 52
Delta R.T. -0.065 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

Tgt Ion: 42 Resp: 2678
Ion Ratio Lower Upper
42 100
74 0.5 113.6 170.4#
44 140.4 0.0 0.0#

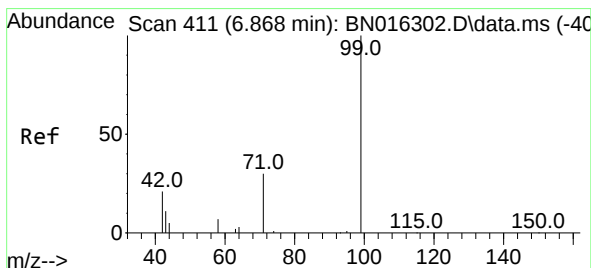
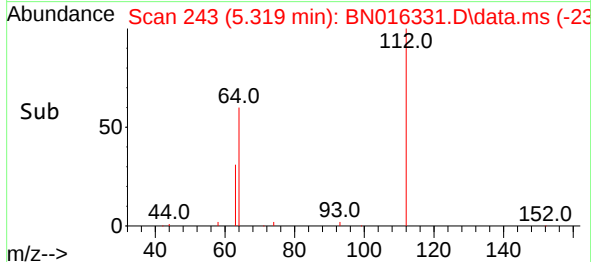
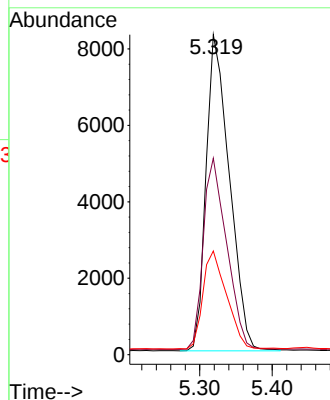
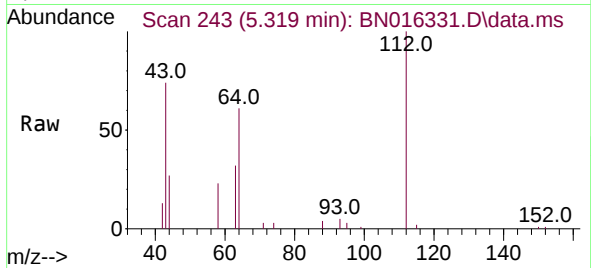




#4
2-Fluorophenol
Concen: 0.259 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.018 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

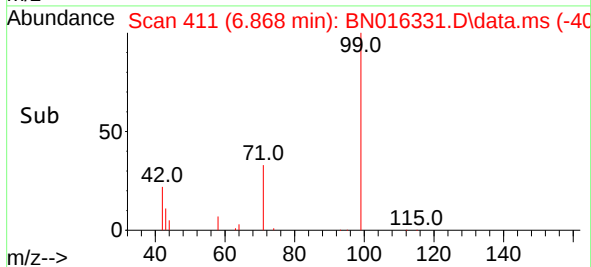
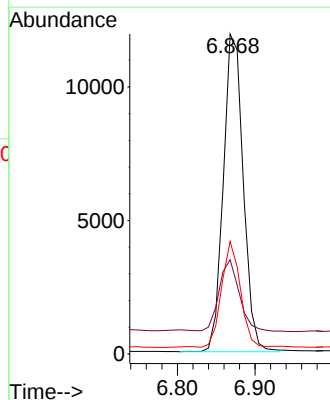
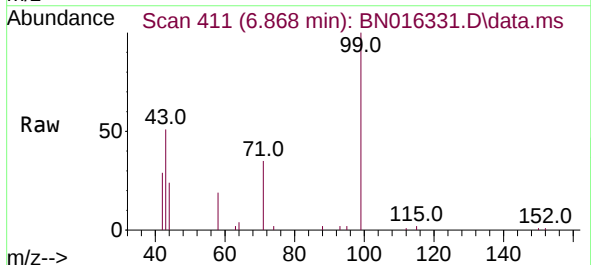
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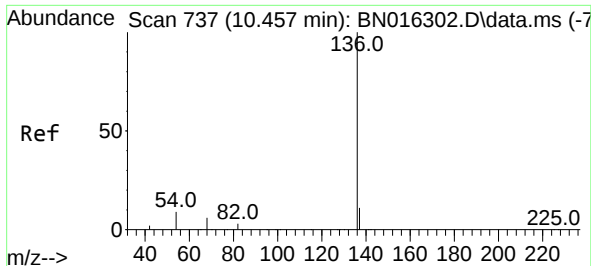
Tgt Ion:112 Resp: 18519
Ion Ratio Lower Upper
112 100
64 60.7 47.3 70.9
63 31.5 23.4 35.0



#5
Phenol-d6
Concen: 0.245 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

Tgt Ion: 99 Resp: 21252
Ion Ratio Lower Upper
99 100
42 22.7 14.0 21.0#
71 31.9 23.8 35.6

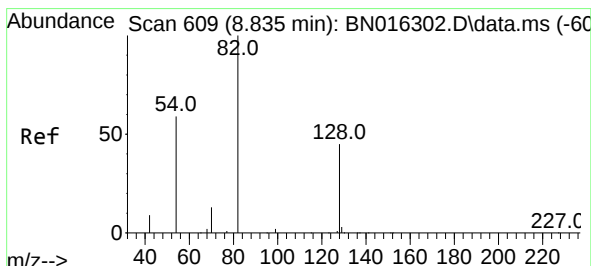
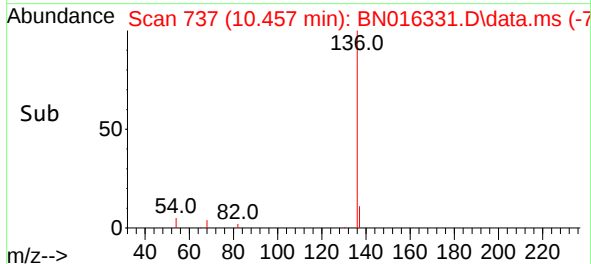
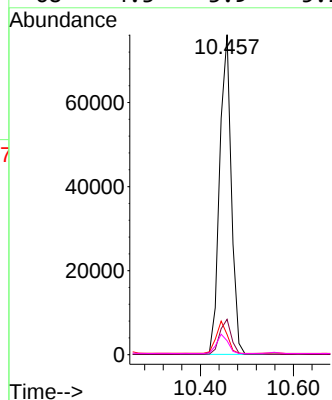
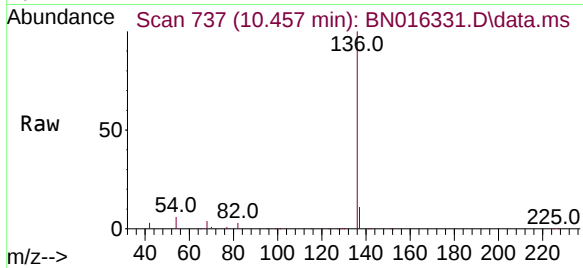




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

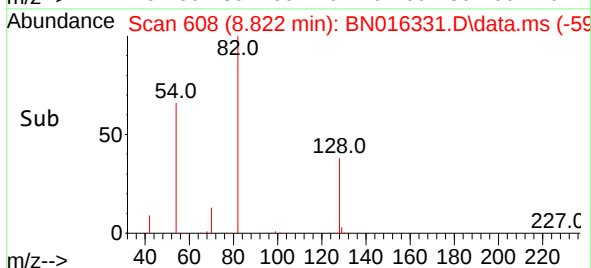
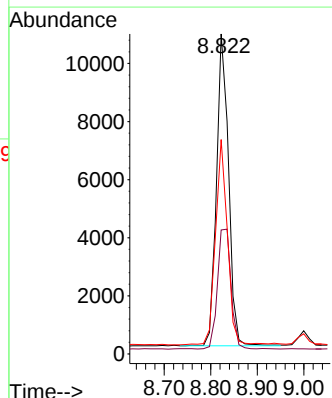
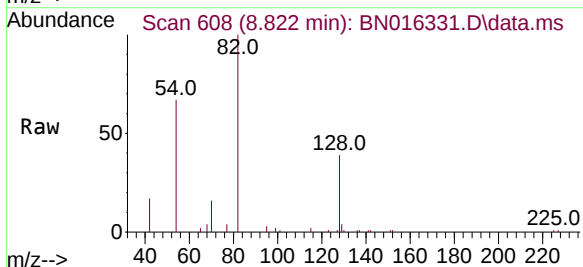
Instrument :
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NAPL-AREA-03-(10-12)-END-POINT

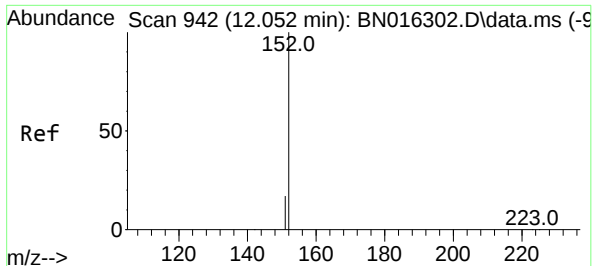
Tgt Ion:	136	Resp:	131671
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	6.3	5.3	7.9
68	4.3	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.013 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

Tgt Ion:	82	Resp:	19300
Ion Ratio	Lower	Upper	
82	100		
128	38.8	31.7	47.5
54	67.0	46.4	69.6

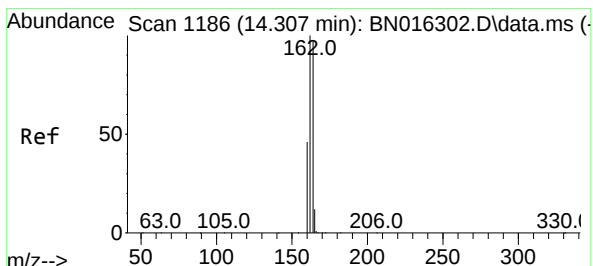
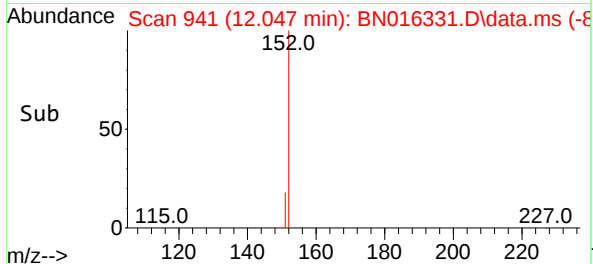
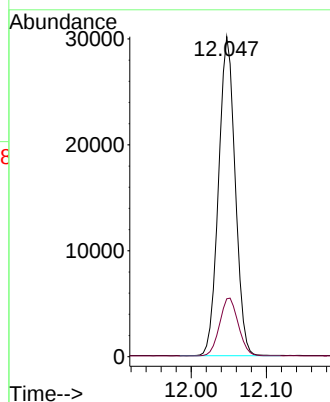
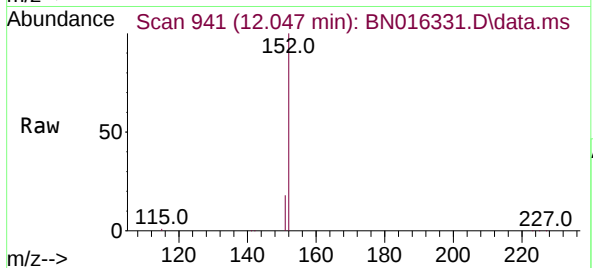




#11
2-Methylnaphthalene-d10
Concen: 0.223 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

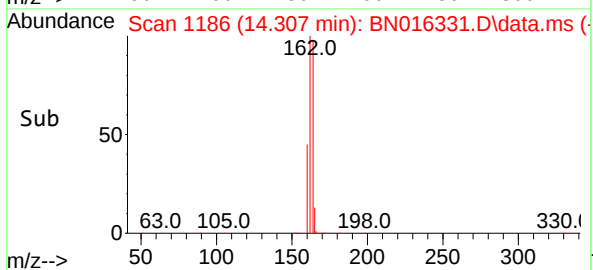
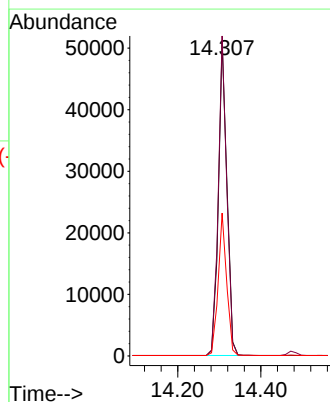
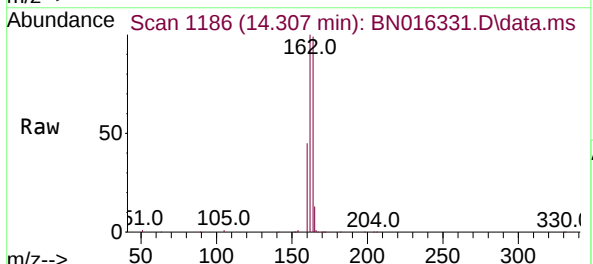
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NAPL-AREA-03-(10-12)-END-POINT

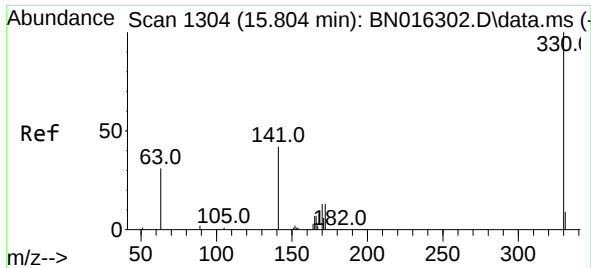
Tgt Ion:152 Resp: 46322
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

Tgt Ion:164 Resp: 72779
Ion Ratio Lower Upper
164 100
162 101.5 79.0 118.4
160 45.3 34.1 51.1

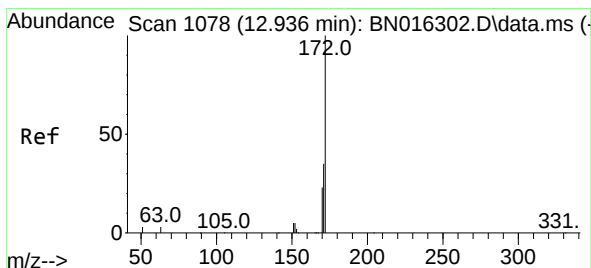
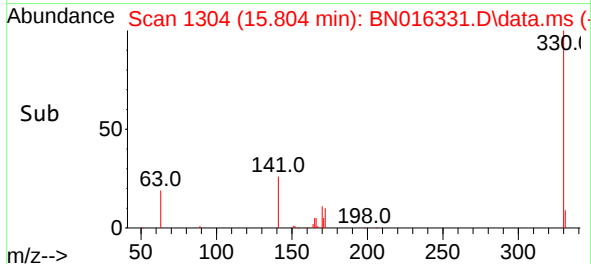
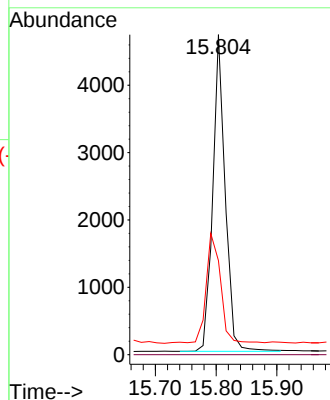
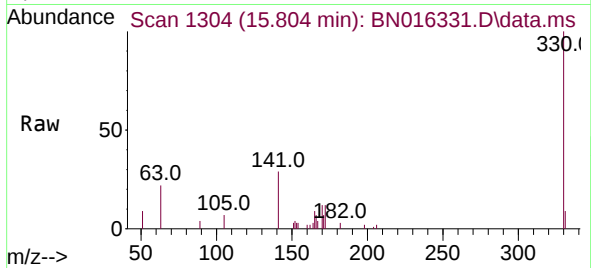




#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.804 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

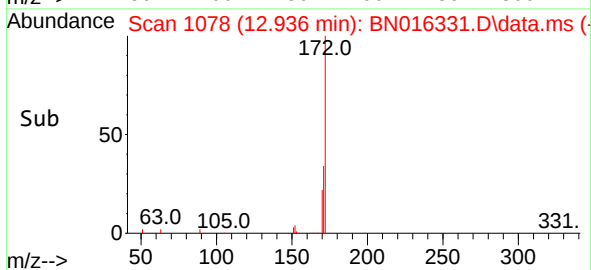
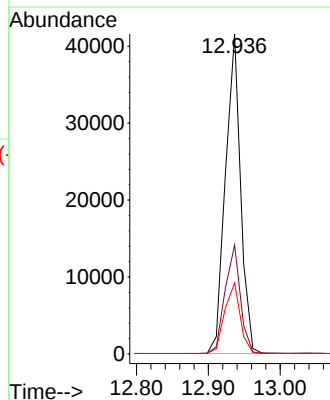
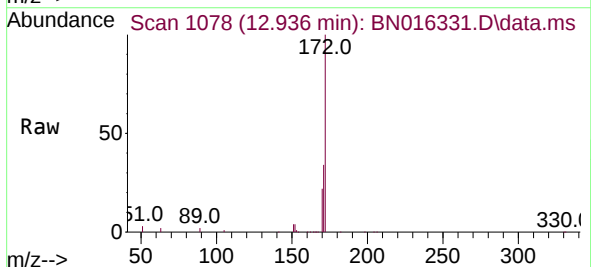
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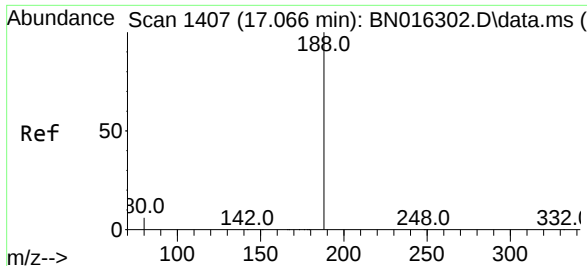
Tgt Ion:330 Resp: 6692
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.213 ng
RT: 12.936 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

Tgt Ion:172 Resp: 60696
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 22.2 18.2 27.2

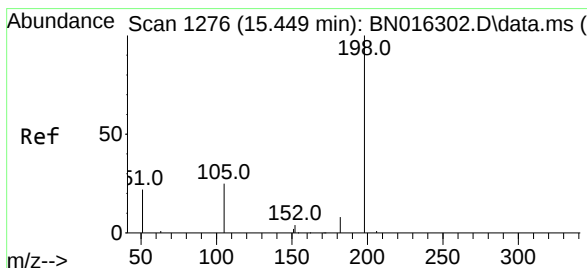
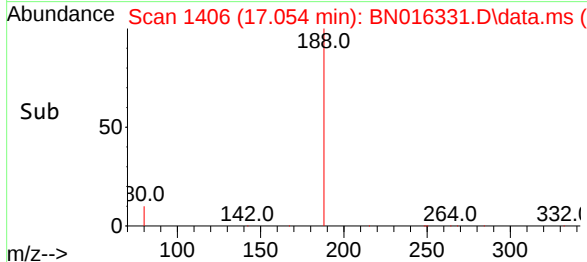
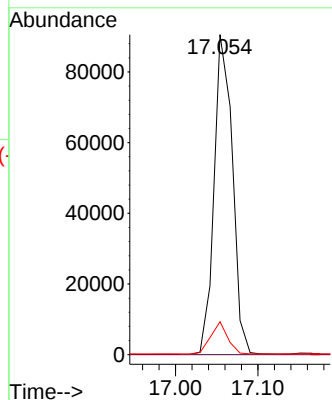
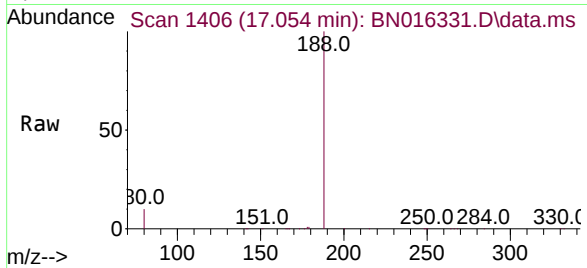




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.012 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

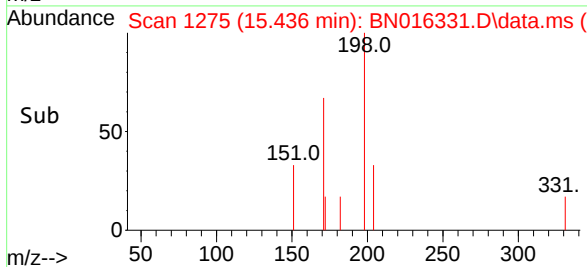
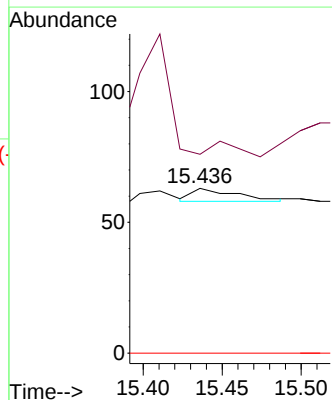
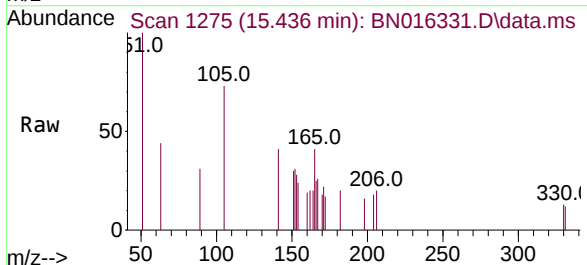
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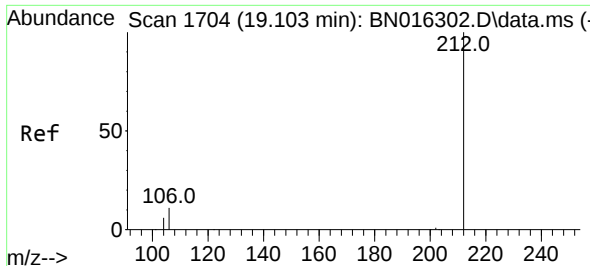
Tgt Ion:188 Resp: 139596
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 7.0 10.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.436 min Scan# 1275
Delta R.T. -0.013 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
182 120.6 26.6 39.8#
77 0.0 0.0 0.0

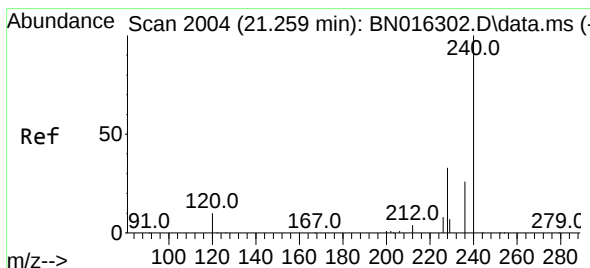
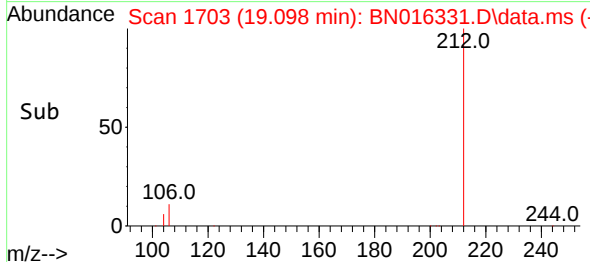
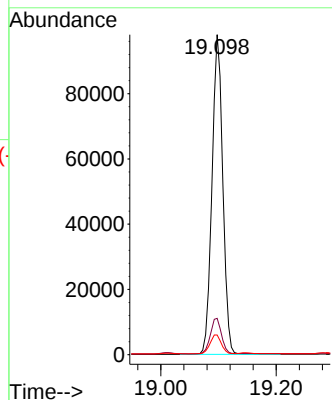
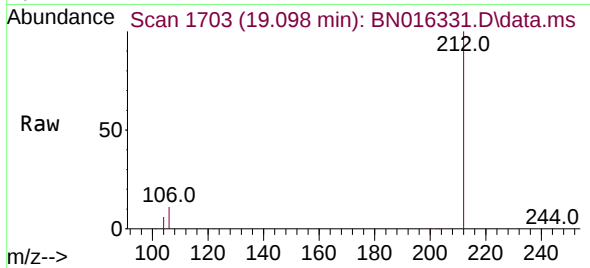




#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.005 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

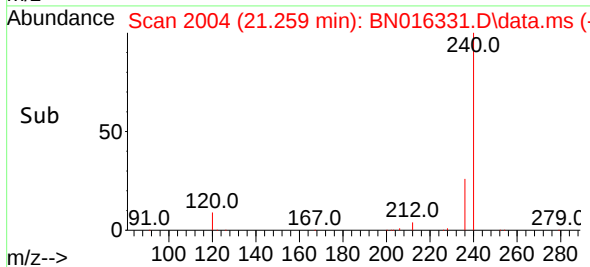
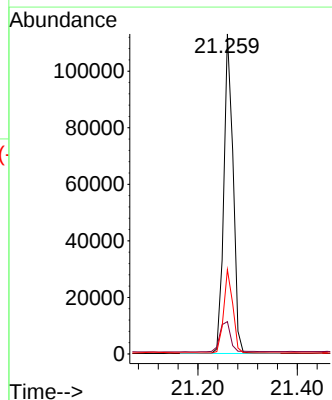
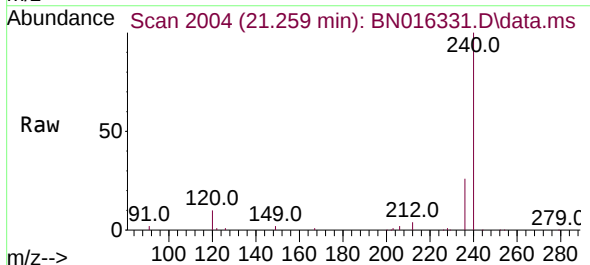
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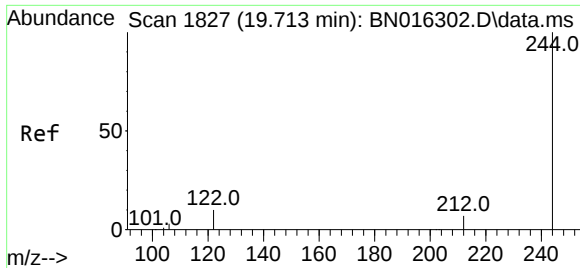
Tgt Ion:212 Resp: 126543
Ion Ratio Lower Upper
212 100
106 11.4 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BN016331.D
Acq: 18 Sep 2021 12:44

Tgt Ion:240 Resp: 145729
Ion Ratio Lower Upper
240 100
120 10.1 5.3 7.9#
236 26.4 19.8 29.8

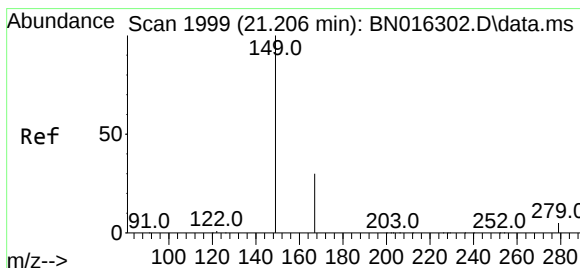
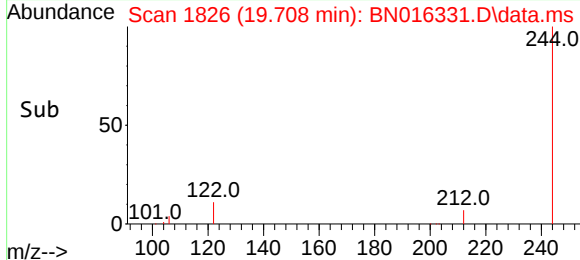
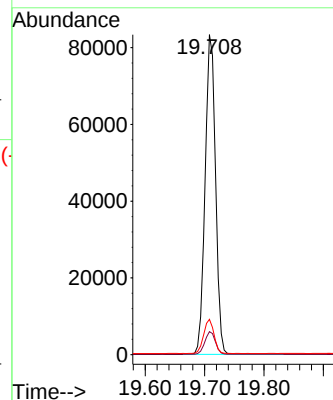
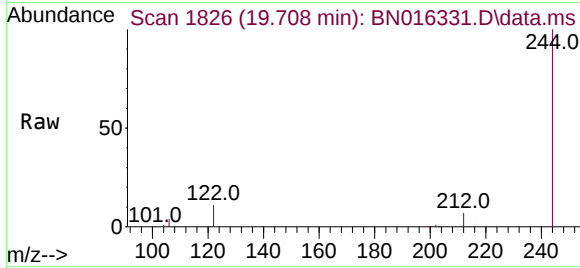




#31
 Terphenyl-d14
 Concen: 0.300 ng
 RT: 19.708 min Scan# 1826
 Delta R.T. -0.005 min
 Lab File: BN016331.D
 Acq: 18 Sep 2021 12:44

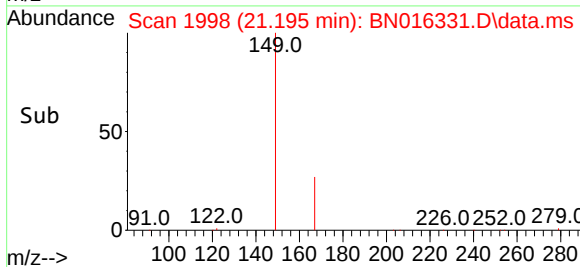
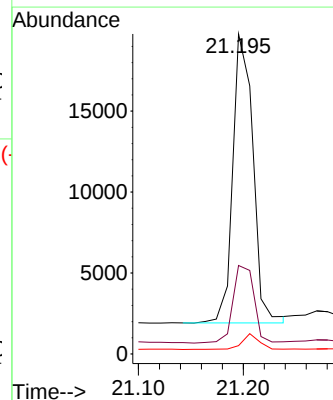
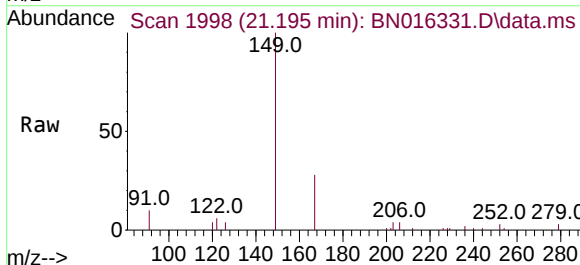
Instrument :
 BNA_N
 ClientSampleId :
 NAPL-AREA-03-(10-12)-END-POINT

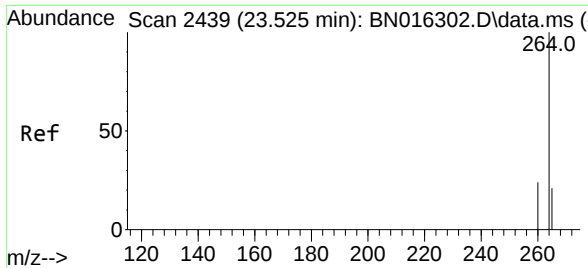
Tgt Ion:244	Resp:	101185
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.5 8.3
122	11.0	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.195 min Scan# 1998
 Delta R.T. -0.011 min
 Lab File: BN016331.D
 Acq: 18 Sep 2021 12:44

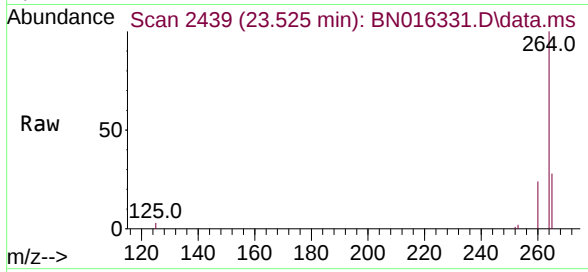
Tgt Ion:149	Resp:	23820
Ion Ratio	Lower	Upper
149	100	
167	28.1	23.4 35.0
279	4.6	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BN016331.D
 Acq: 18 Sep 2021 12:44

Instrument :
 BNA_N
 ClientSampleId :
 NAPL-AREA-03-(10-12)-END-POINT



Tgt Ion:264 Resp: 152317

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	27.8	23.7	35.5

