

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016343.D
 Acq On : 20 Sep 2021 14:33
 Operator : CG/JU
 Sample : M3781-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW180D2-20210915

Quant Time: Sep 20 15:16:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 20 11:09:23 2021
 Response via : Initial Calibration

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

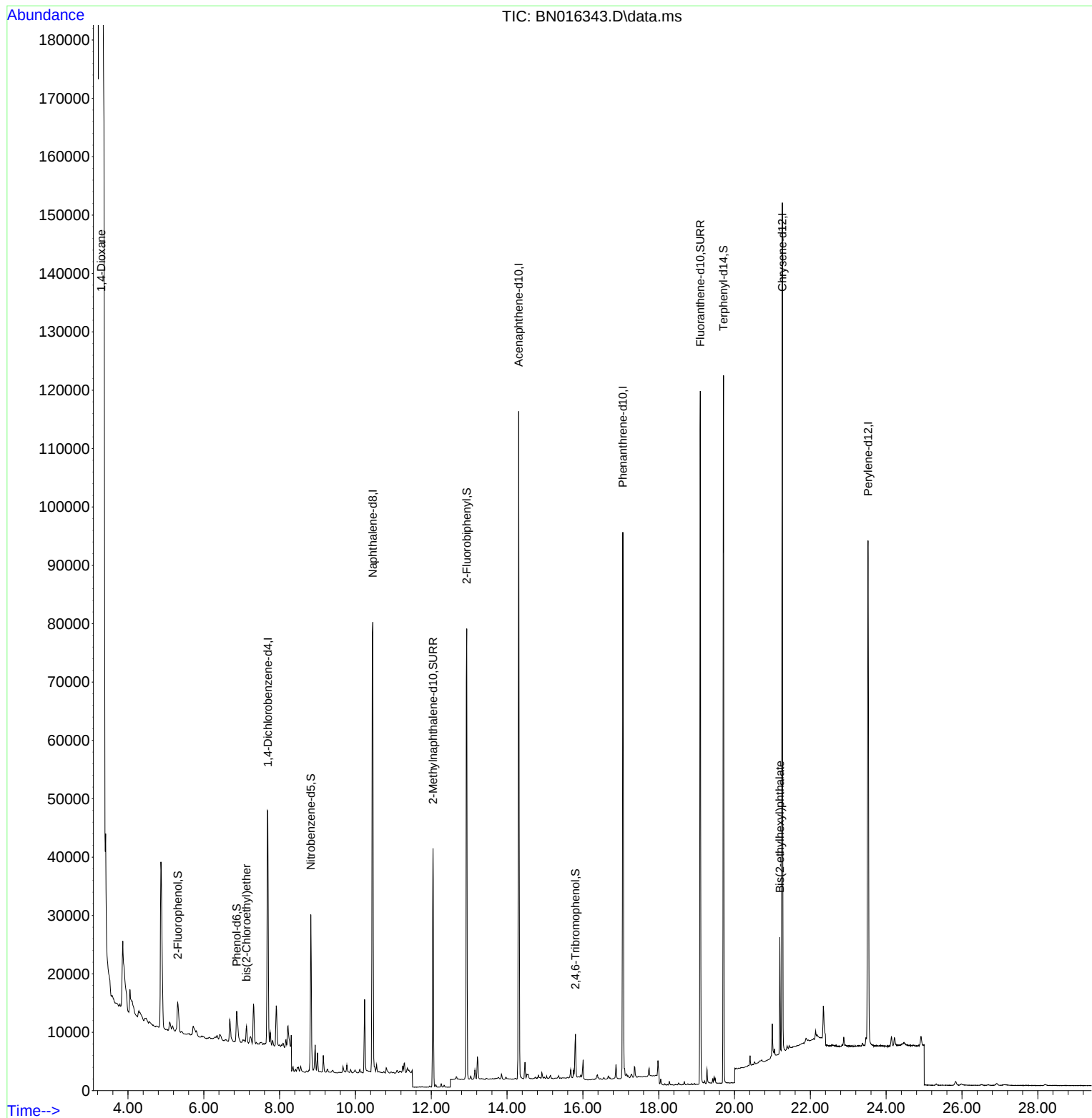
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	24831	0.400	ng	0.00
7) Naphthalene-d8	10.457	136	113828	0.400	ng	0.00
13) Acenaphthene-d10	14.307	164	62296	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	124562	0.400	ng	0.00
29) Chrysene-d12	21.259	240	129949	0.400	ng	0.00
35) Perylene-d12	23.522	264	115723	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	7391	0.119	ng	0.00
5) Phenol-d6	6.868	99	4909	0.065	ng	0.00
8) Nitrobenzene-d5	8.822	82	21096	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	53273	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	5574	0.305	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	73111	0.300	ng	0.00
27) Fluoranthene-d10	19.098	212	134671	0.374	ng	0.00
31) Terphenyl-d14	19.708	244	120055	0.399	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.299	88	35955	3.482	ng	Qvalue # 85
6) bis(2-Chloroethyl)ether	7.126	93	2599	0.039	ng	97
34) Bis(2-ethylhexyl)phtha...	21.196	149	16590	0.074	ng	98

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

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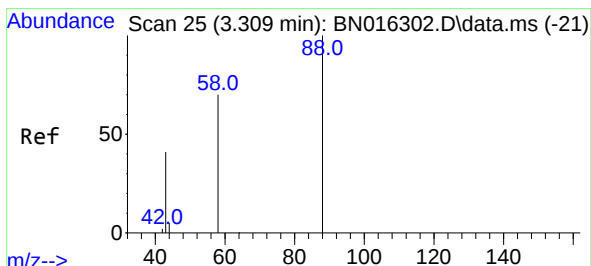
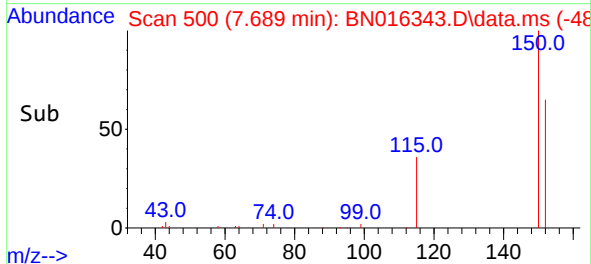
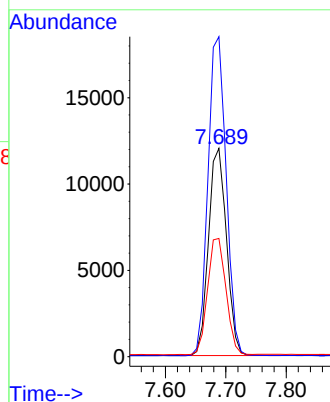
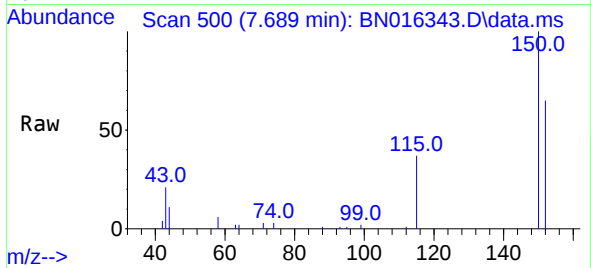




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.689 min Scan# 500
 Delta R.T. 0.001 min
 Lab File: BN016343.D
 Acq: 20 Sep 2021 14:33

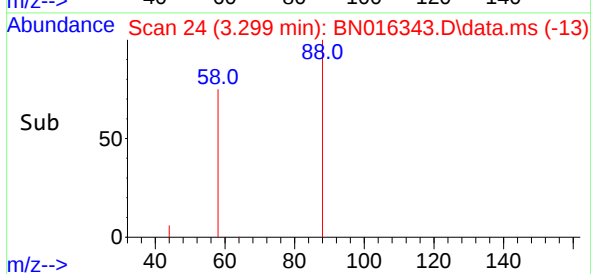
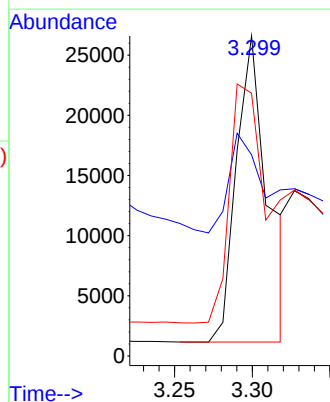
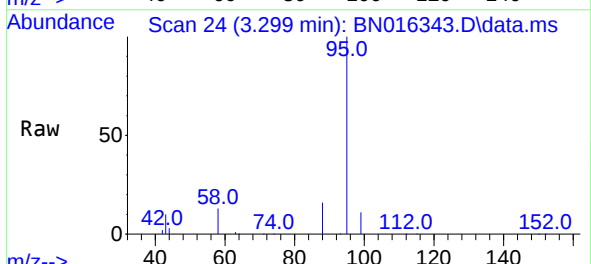
Instrument :
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 ClientSampleId :
 MW180D2-20210915

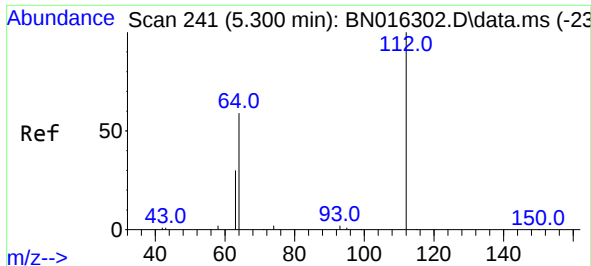
Tgt Ion:152 Resp: 24831
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.6 188.4
 115 56.8 50.2 75.2



#2
 1,4-Dioxane
 Concen: 3.482 ng
 RT: 3.299 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN016343.D
 Acq: 20 Sep 2021 14:33

Tgt Ion: 88 Resp: 35955
 Ion Ratio Lower Upper
 88 100
 43 46.0 20.3 30.5#
 58 94.7 69.9 104.9

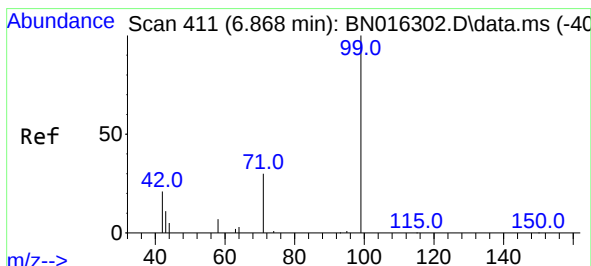
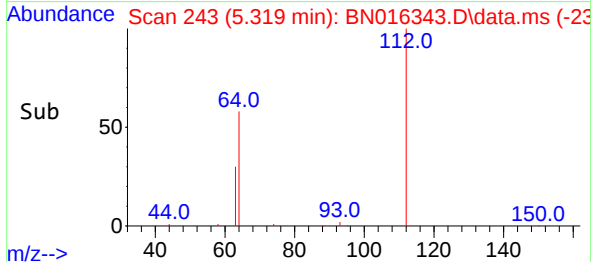
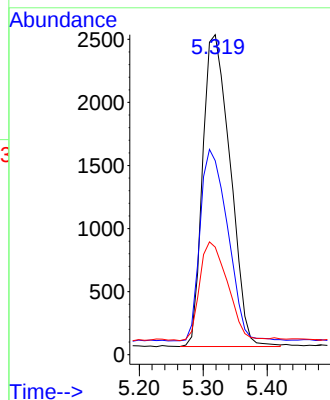
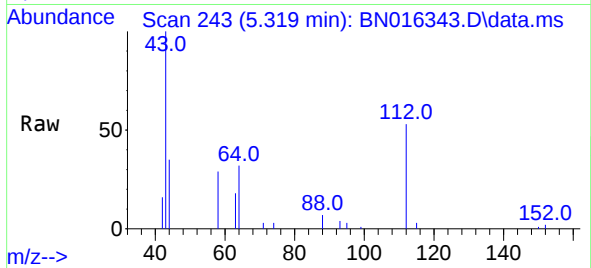




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.010 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

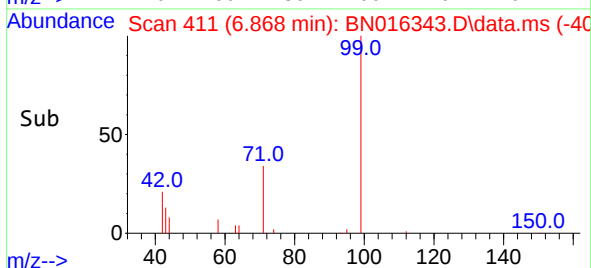
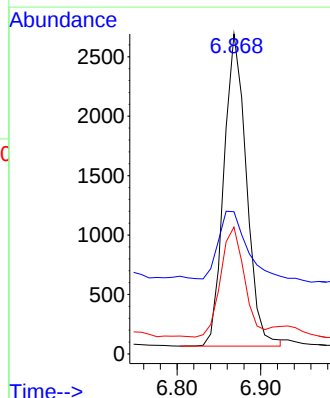
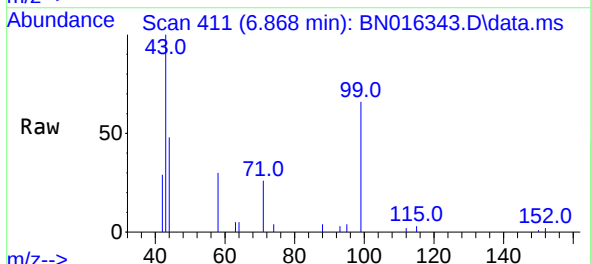
Instrument :
BNA_N
ClientSampleId :
MW180D2-20210915

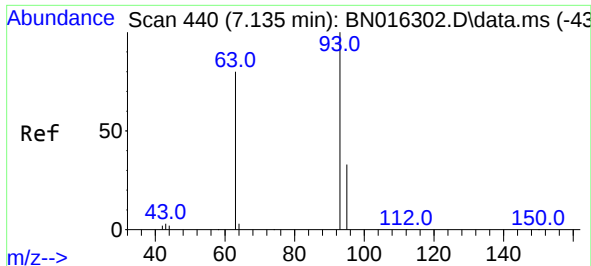
Tgt Ion:112 Resp: 7391
Ion Ratio Lower Upper
112 100
64 61.7 47.3 70.9
63 32.2 23.4 35.0



#5
Phenol-d6
Concen: 0.065 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

Tgt Ion: 99 Resp: 4909
Ion Ratio Lower Upper
99 100
42 26.5 14.0 21.0#
71 37.2 23.8 35.6#

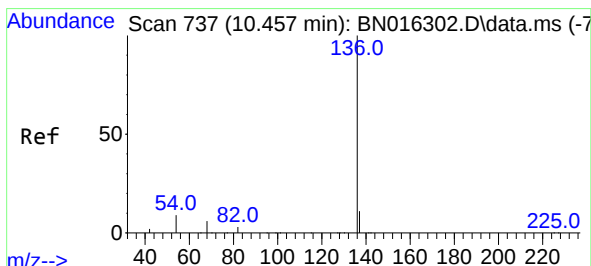
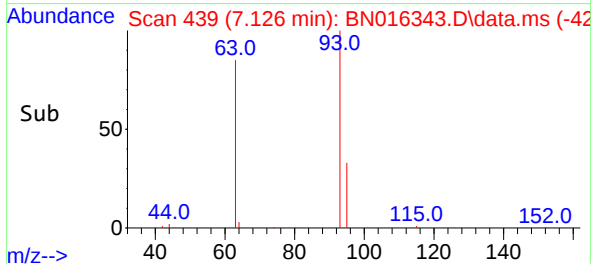
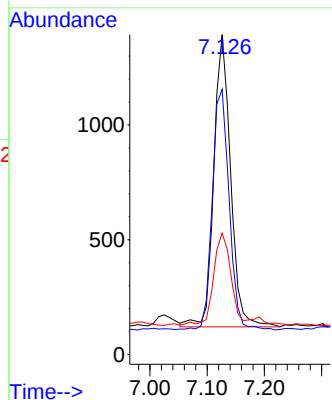
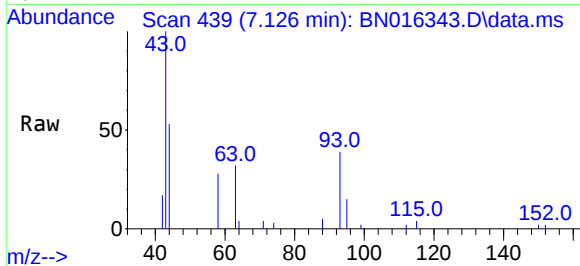




#6
bis(2-Chloroethyl)ether
Concen: 0.039 ng
RT: 7.126 min Scan# 439
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

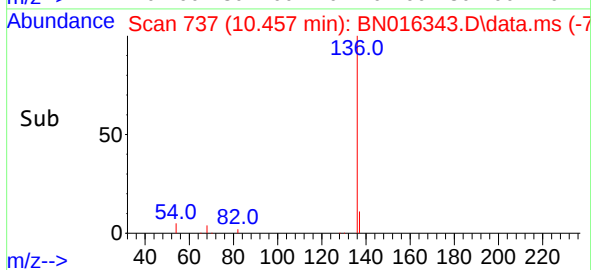
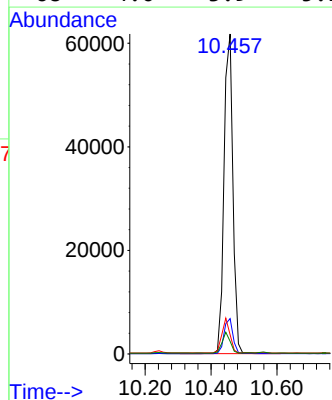
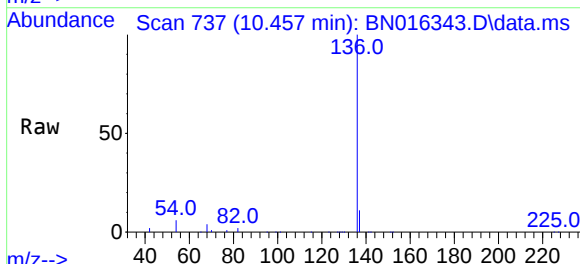
Instrument :
BNA_N
ClientSampleId :
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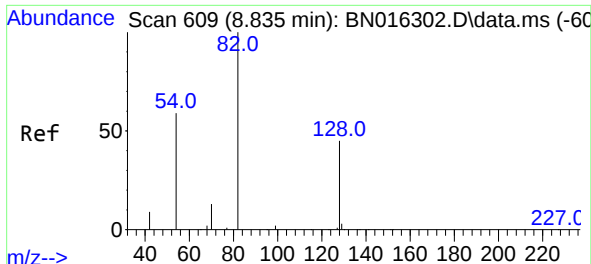
Tgt Ion: 93	Resp: 2599
Ion Ratio	Lower Upper
93 100	
63 82.6	63.4 95.0
95 32.4	26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

Tgt Ion:136	Resp: 113828
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 6.0	5.3 7.9
68 4.0	3.9 5.9

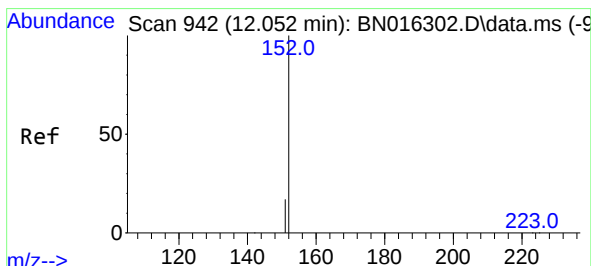
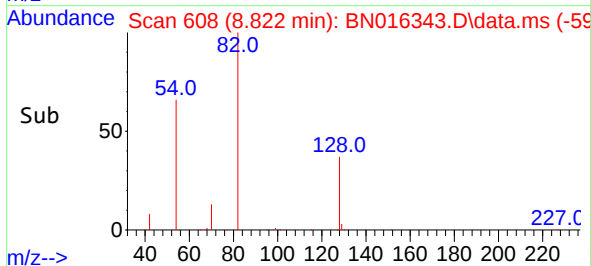
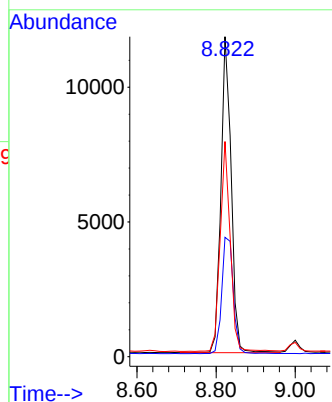
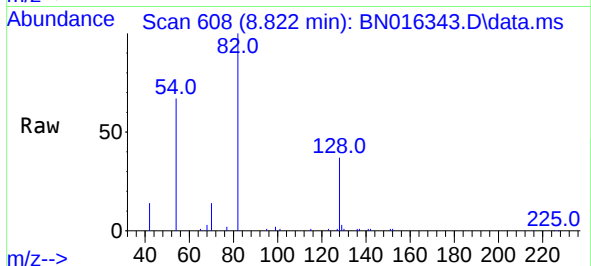




#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

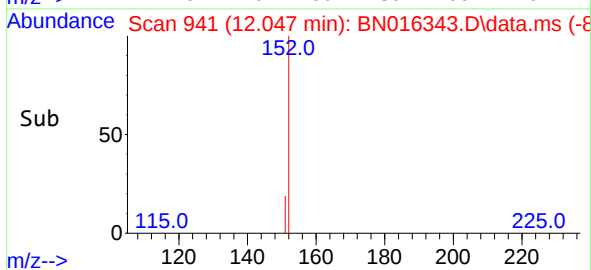
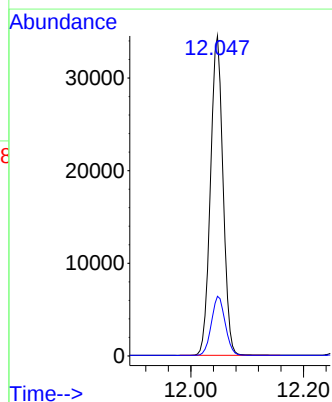
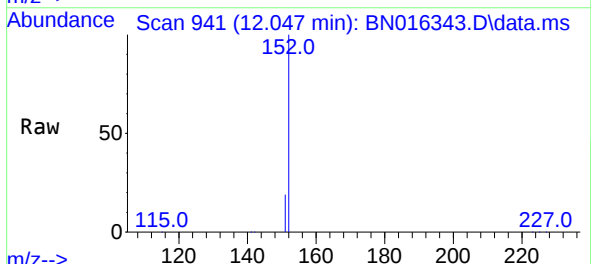
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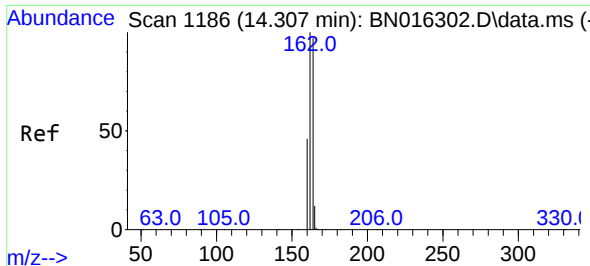
Tgt Ion: 82 Resp: 21096
Ion Ratio Lower Upper
82 100
128 37.3 31.7 47.5
54 67.3 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.047 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

Tgt Ion: 152 Resp: 53273
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1

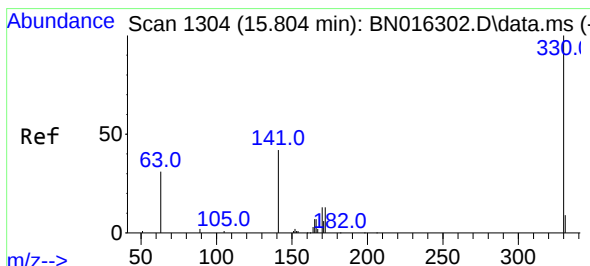
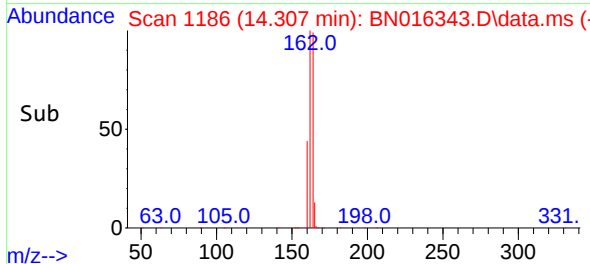
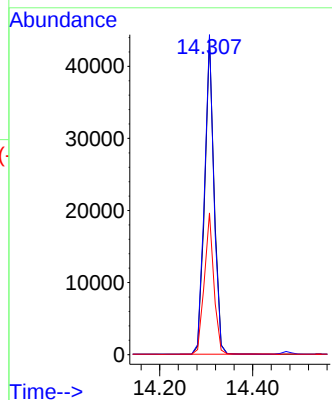
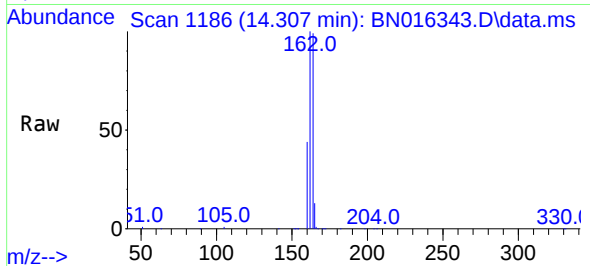




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

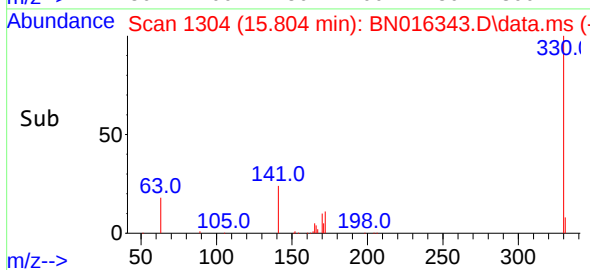
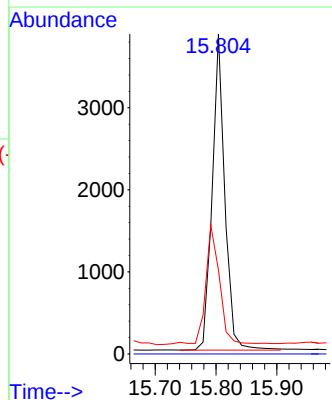
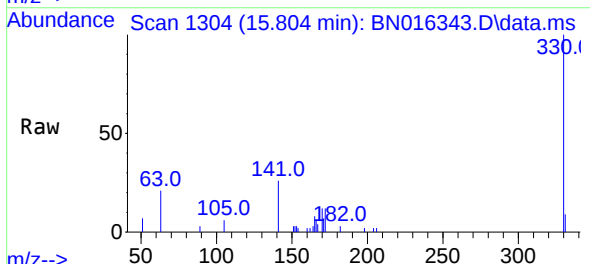
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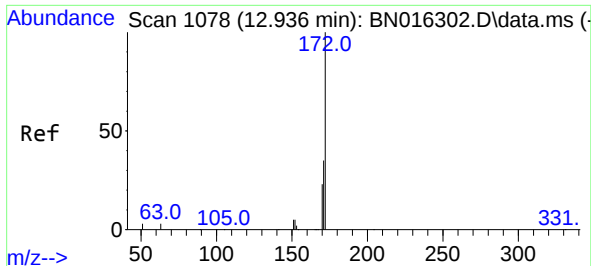
Tgt Ion:164 Resp: 62296
Ion Ratio Lower Upper
164 100
162 100.9 79.0 118.4
160 44.7 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

Tgt Ion:330 Resp: 5574
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.0 25.0 37.4#

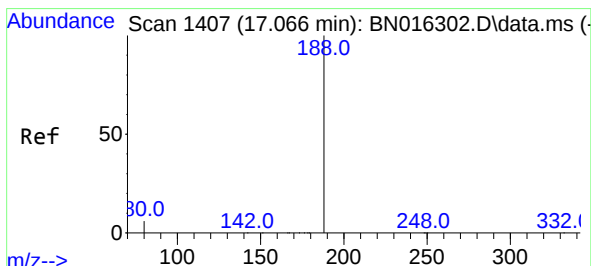
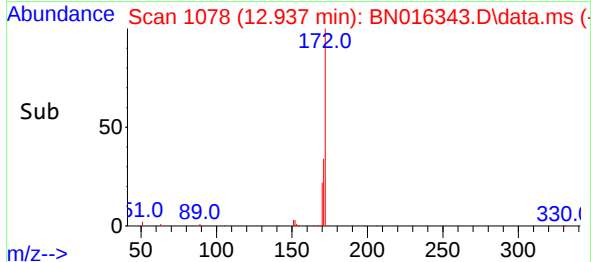
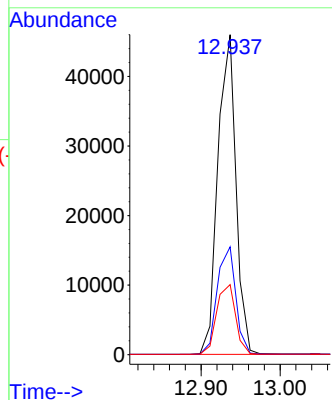
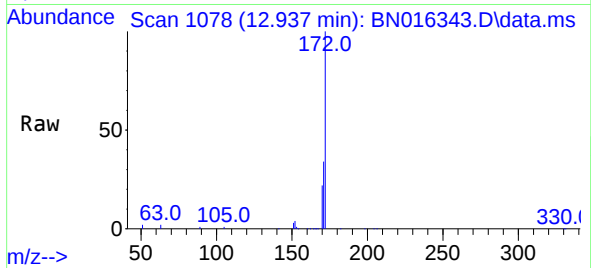




#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.937 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

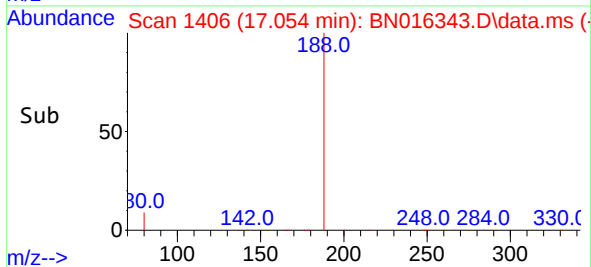
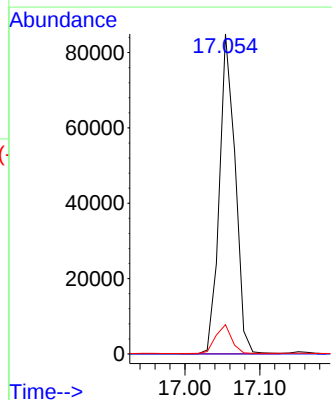
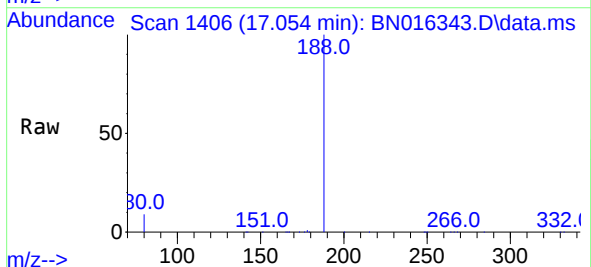
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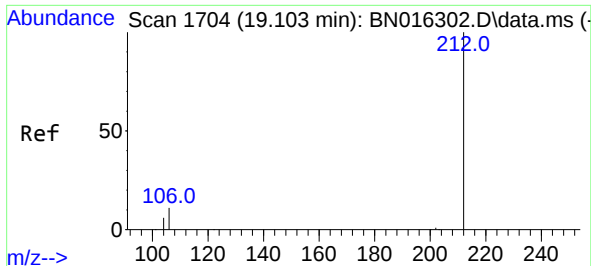
Tgt Ion:172 Resp: 73111
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.6
170 21.9 18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

Tgt Ion:188 Resp: 124562
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.0 10.6

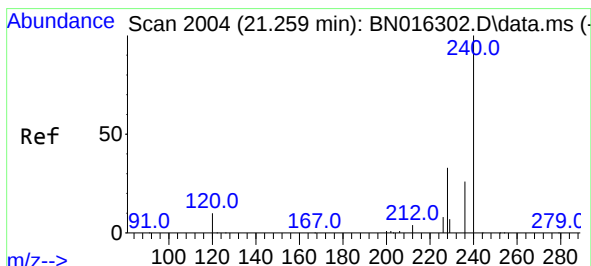
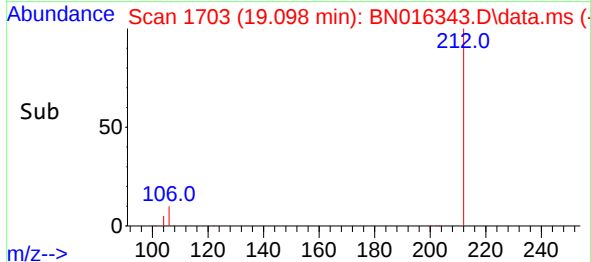
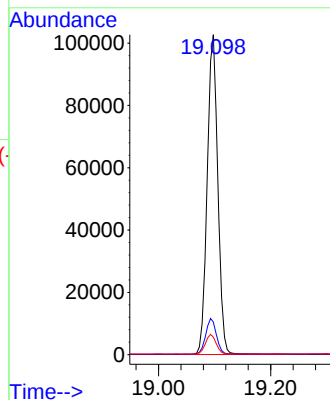
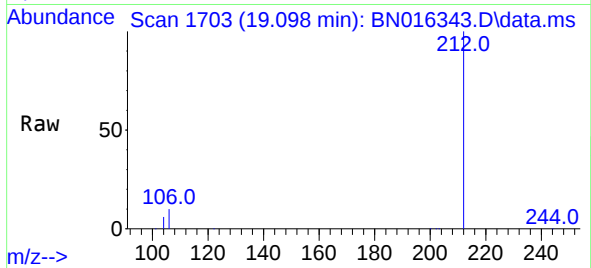




#27
Fluoranthene-d10
Concen: 0.374 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

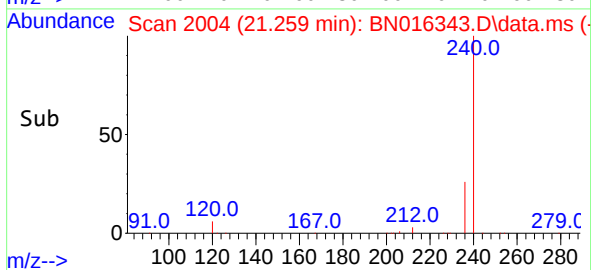
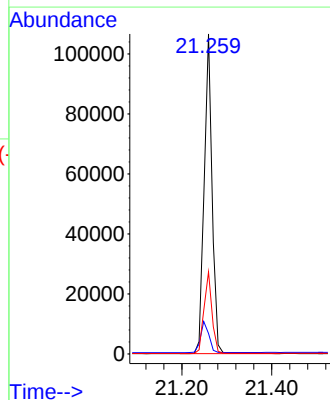
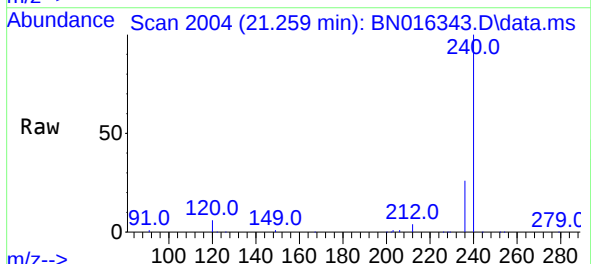
Instrument :
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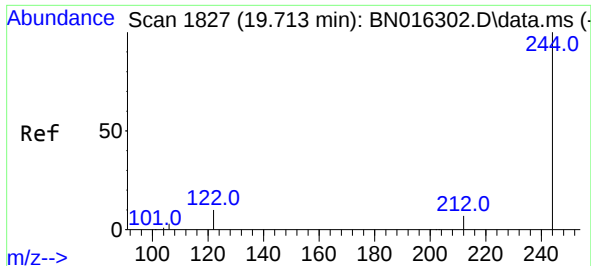
Tgt Ion:212 Resp: 134671
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

Tgt Ion:240 Resp: 129949
Ion Ratio Lower Upper
240 100
120 6.4 5.3 7.9
236 25.6 19.8 29.8

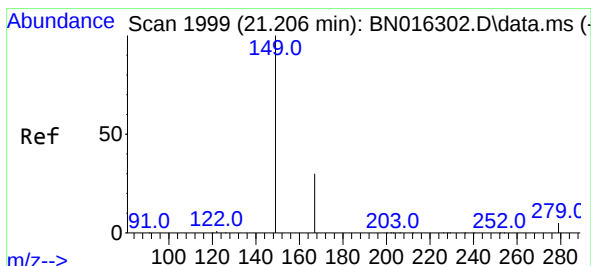
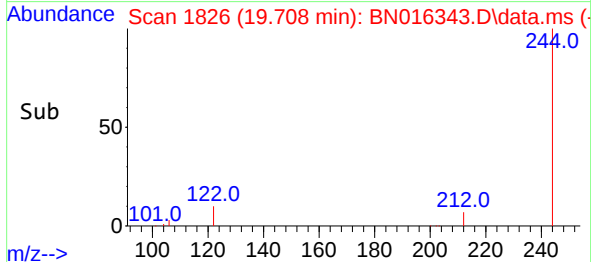
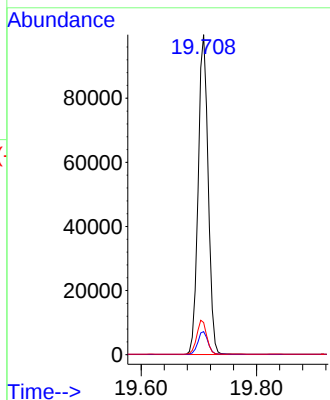
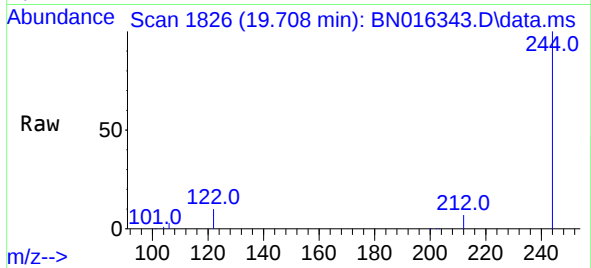




#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.708 min Scan# 1826
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

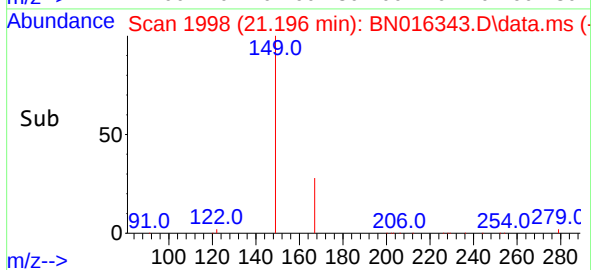
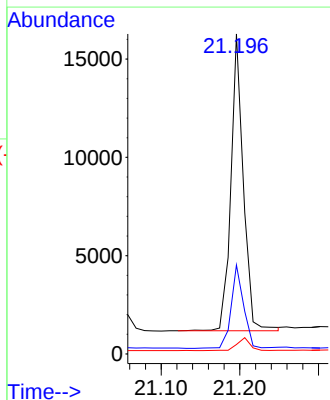
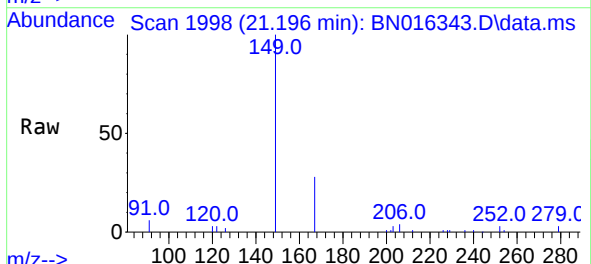
Instrument :
BNA_N
ClientSampleId :
MW180D2-20210915

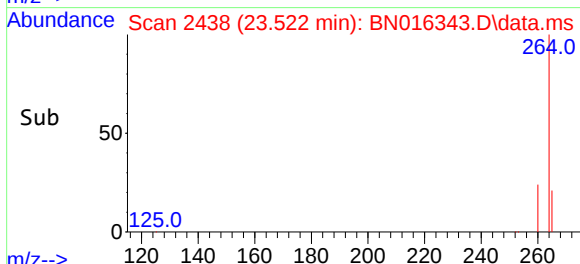
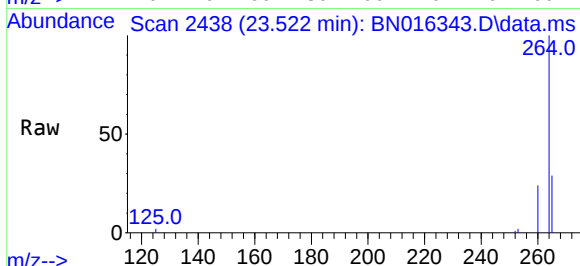
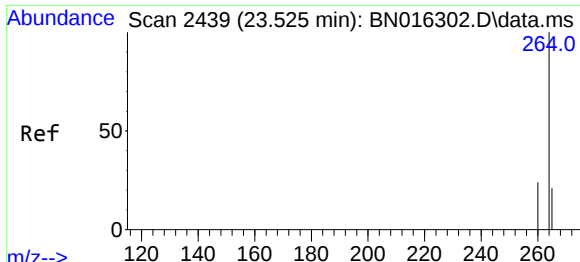
Tgt Ion:244 Resp: 120055
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.0 9.0 13.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

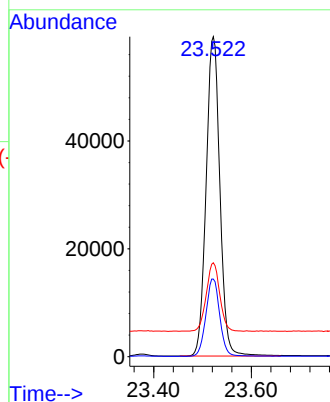
Tgt Ion:149 Resp: 16590
Ion Ratio Lower Upper
149 100
167 28.0 23.4 35.0
279 4.5 3.9 5.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BN016343.D
Acq: 20 Sep 2021 14:33

Tgt Ion:264	Resp:	115723
Ion	Ratio	Lower Upper
264	100	
260	24.2	18.9 28.3
265	29.4	23.7 35.5



Instrument :
BNA_N
ClientSampleId :
MW180D2-20210915