

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016360.D
 Acq On : 21 Sep 2021 01:58
 Operator : CG/JU
 Sample : M3781-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20210916

Quant Time: Sep 21 02:30:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 20 11:09:23 2021
 Response via : Initial Calibration

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

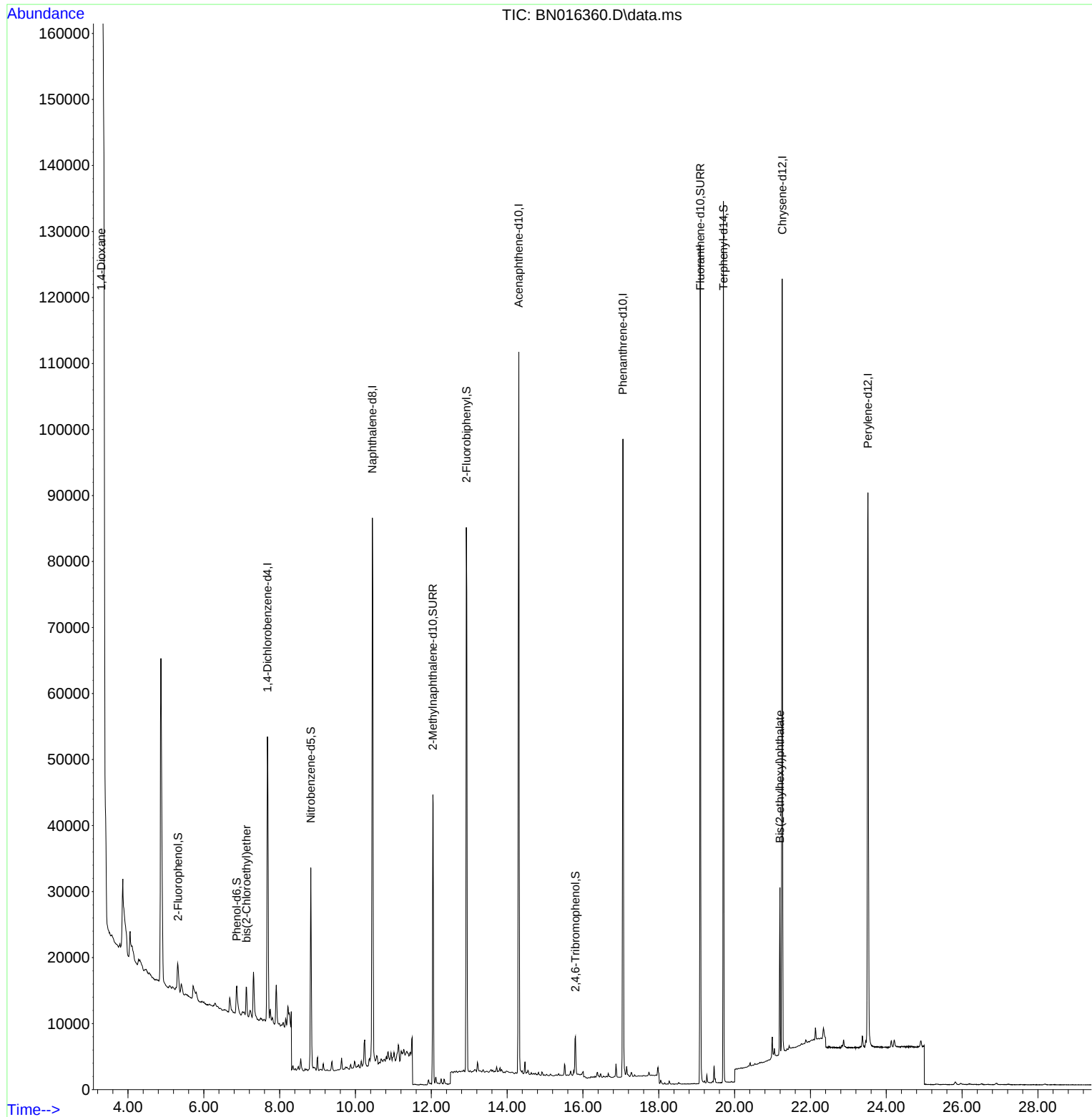
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	25673	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	114806	0.400	ng	#-0.01
13) Acenaphthene-d10	14.307	164	62640	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	124416	0.400	ng	0.00
29) Chrysene-d12	21.259	240	127449	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	109562	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	5825	0.090	ng	0.00
5) Phenol-d6	6.868	99	3920	0.050	ng	0.00
8) Nitrobenzene-d5	8.822	82	23429	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	57630	0.319	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	4751	0.258	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	79476	0.324	ng	-0.01
27) Fluoranthene-d10	19.093	212	146513	0.407	ng	0.00
31) Terphenyl-d14	19.703	244	127879	0.433	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.299	88	45089	4.223	ng	# 73
6) bis(2-Chloroethyl)ether	7.126	93	4181	0.060	ng	94
34) Bis(2-ethylhexyl)phtha...	21.196	149	22523	0.102	ng	98

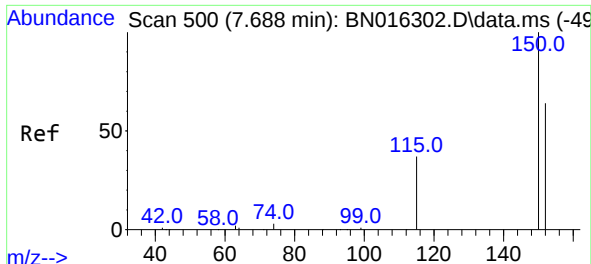
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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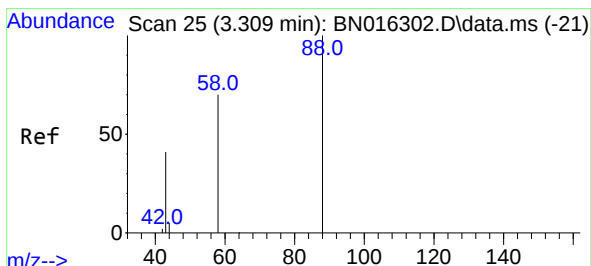
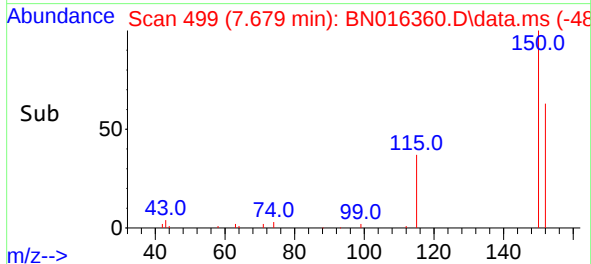
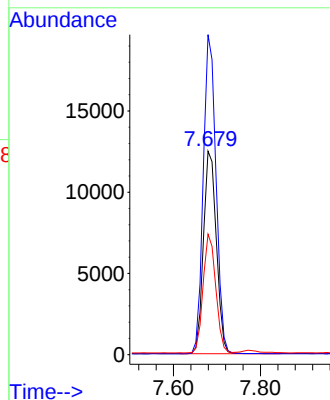
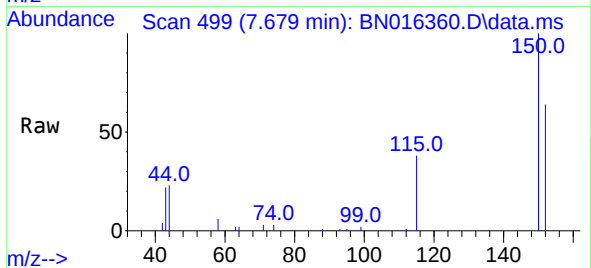




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.679 min Scan# 499
 Delta R.T. -0.009 min
 Lab File: BN016360.D
 Acq: 21 Sep 2021 01:58

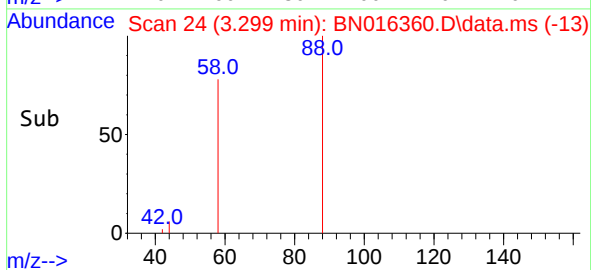
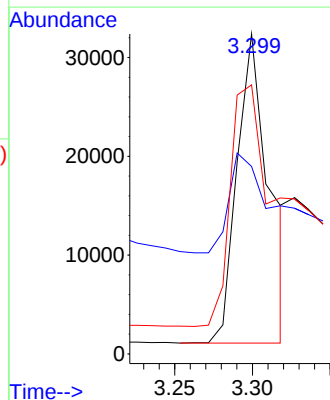
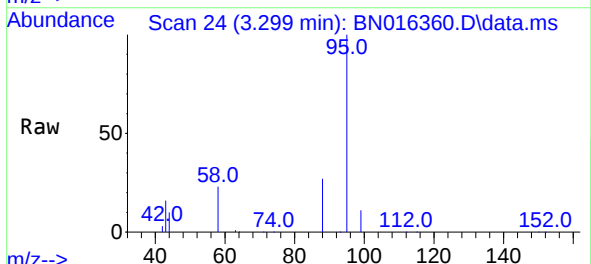
Instrument :
 BNA_N
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 RE115D1-20210916

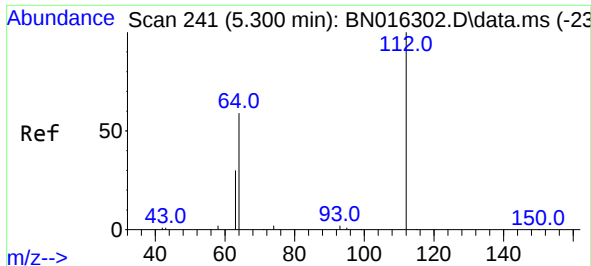
Tgt Ion:152 Resp: 25673
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.6 188.4
 115 59.2 50.2 75.2



#2
 1,4-Dioxane
 Concen: 4.223 ng
 RT: 3.299 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN016360.D
 Acq: 21 Sep 2021 01:58

Tgt Ion: 88 Resp: 45089
 Ion Ratio Lower Upper
 88 100
 43 42.7 20.3 30.5#
 58 111.0 69.9 104.9#

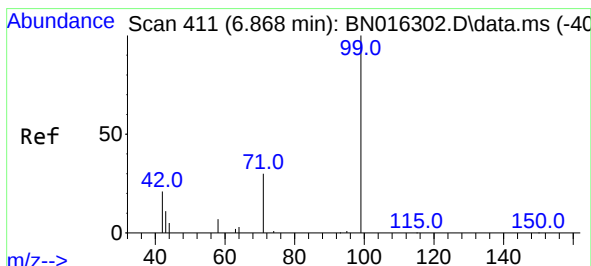
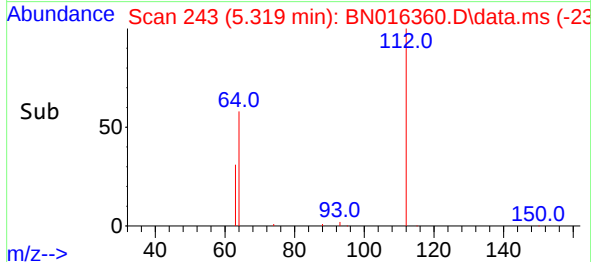
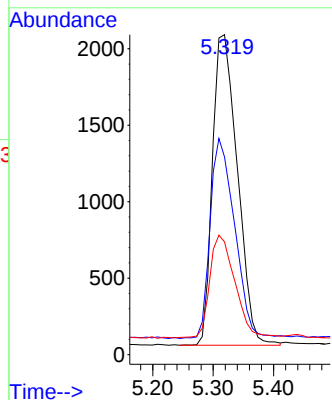
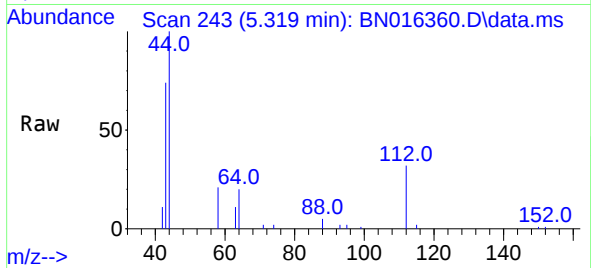




#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.010 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

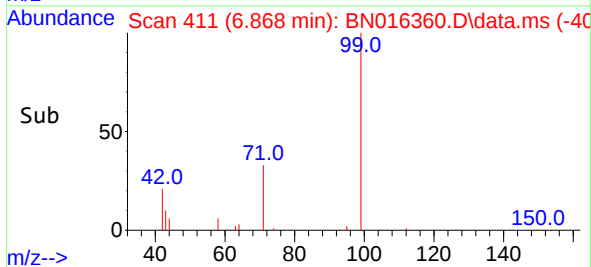
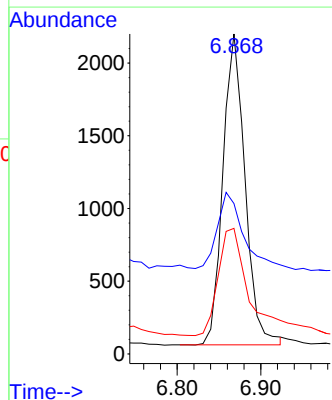
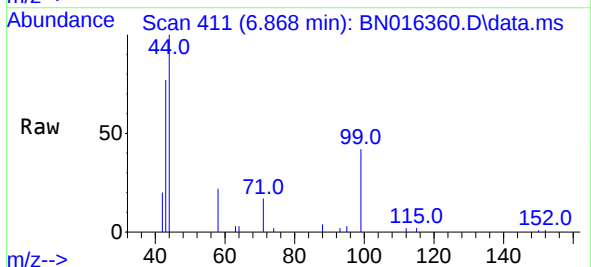
Instrument :
BNA_N
ClientSampleId :
RE115D1-20210916

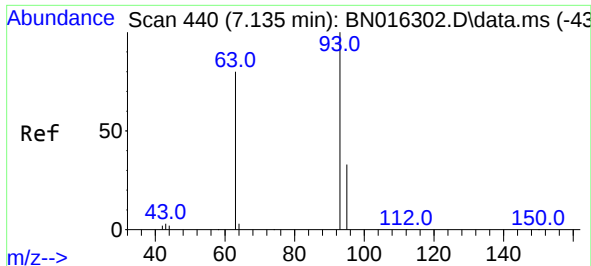
Tgt Ion:112 Resp: 5825
Ion Ratio Lower Upper
112 100
64 63.5 47.3 70.9
63 33.3 23.4 35.0



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

Tgt Ion: 99 Resp: 3920
Ion Ratio Lower Upper
99 100
42 28.5 14.0 21.0#
71 46.2 23.8 35.6#

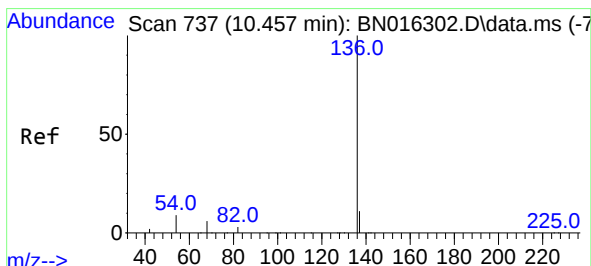
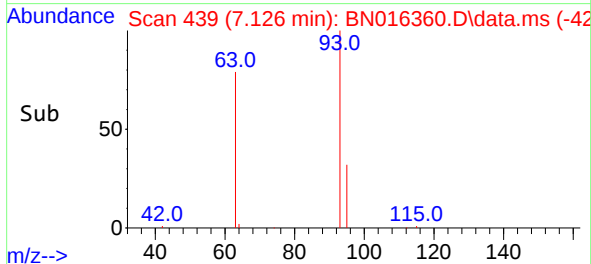
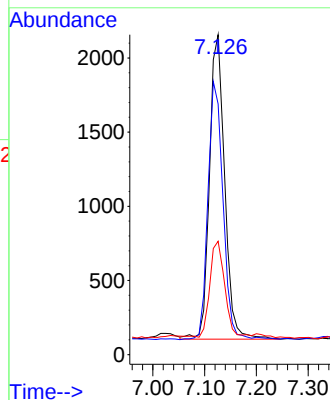
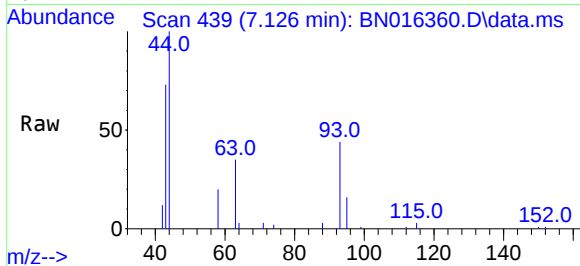




#6
bis(2-Chloroethyl)ether
Concen: 0.060 ng
RT: 7.126 min Scan# 439
Delta R.T. 0.000 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

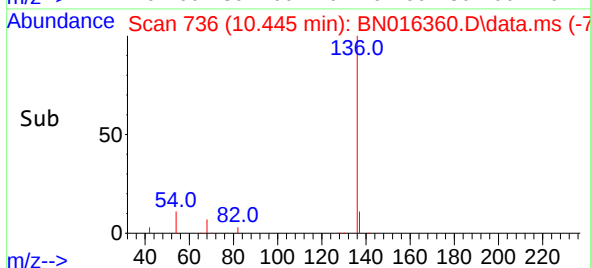
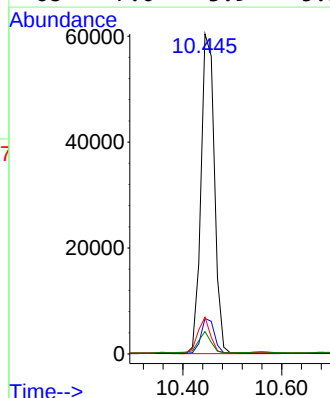
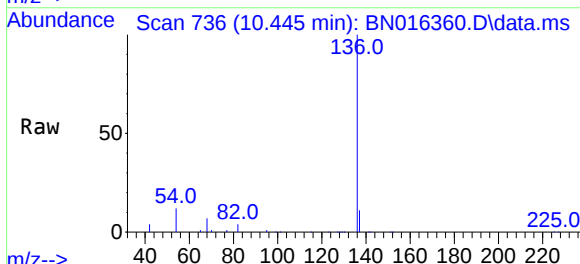
Instrument :
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ClientSampleId :
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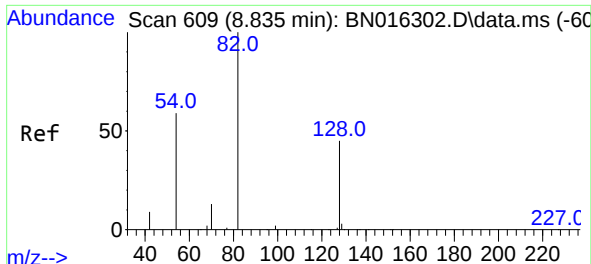
Tgt Ion:	93	Resp:	4181
Ion	Ratio	Lower	Upper
93	100		
63	84.0	63.4	95.0
95	29.6	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

Tgt Ion:	136	Resp:	114806
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.5	5.3	7.9#
68	7.0	3.9	5.9#

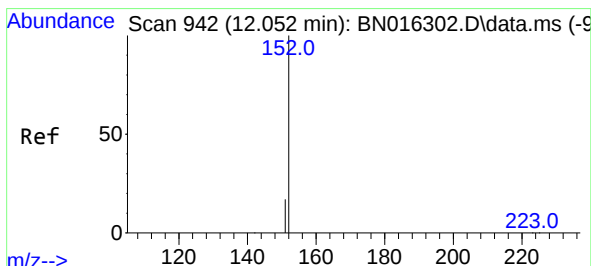
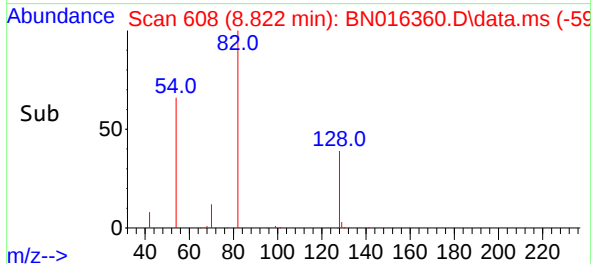
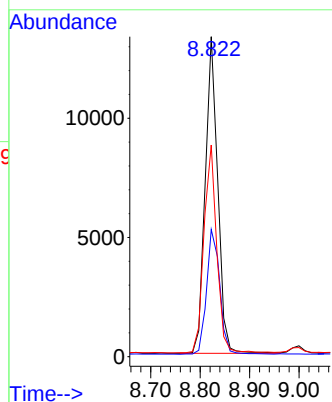
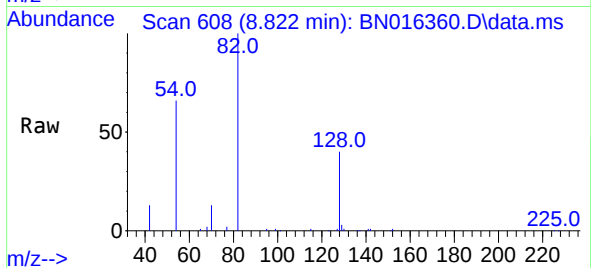




#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.822 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

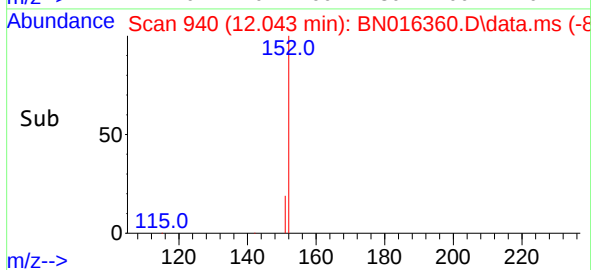
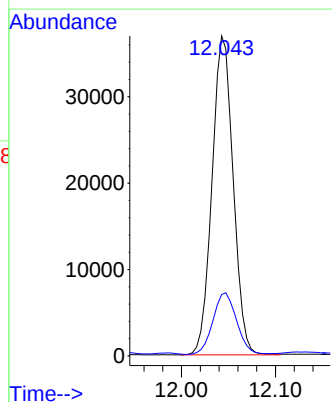
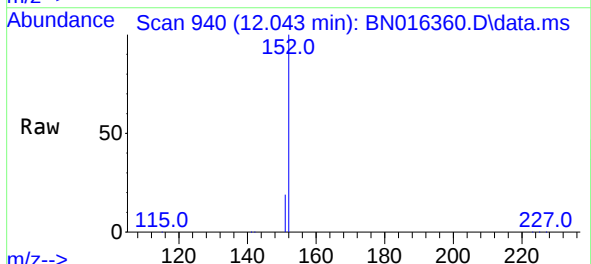
Instrument :
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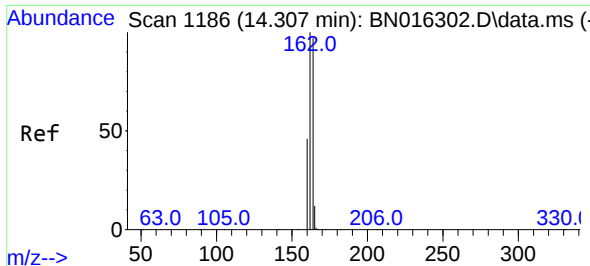
Tgt Ion: 82 Resp: 23429
Ion Ratio Lower Upper
82 100
128 39.8 31.7 47.5
54 66.2 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 12.043 min Scan# 940
Delta R.T. -0.004 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

Tgt Ion: 152 Resp: 57630
Ion Ratio Lower Upper
152 100
151 21.5 16.1 24.1

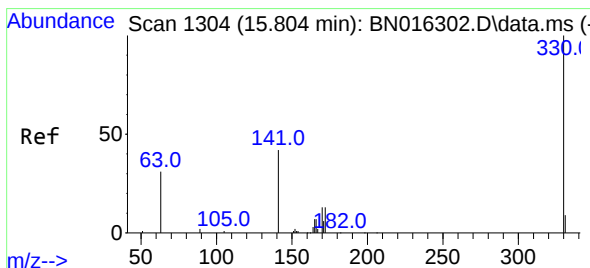
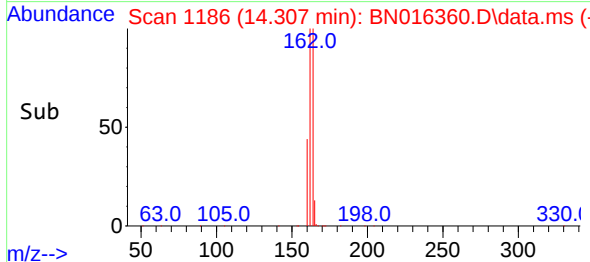
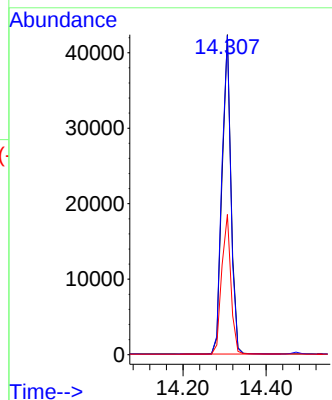
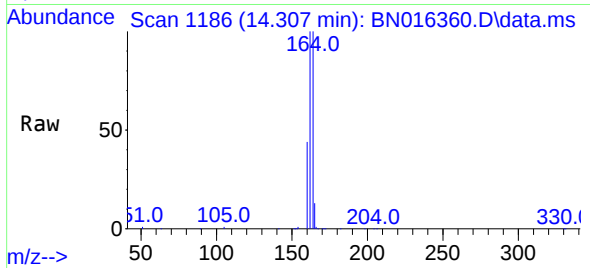




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

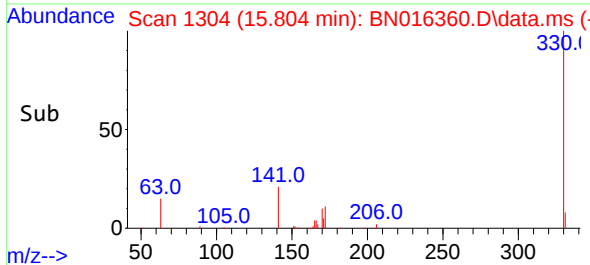
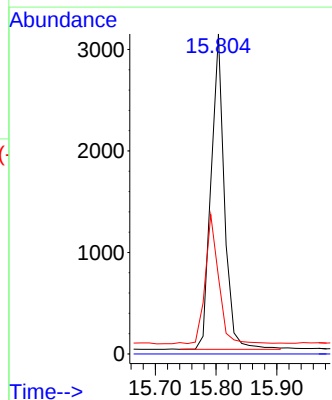
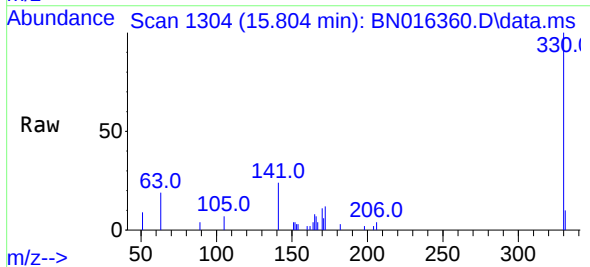
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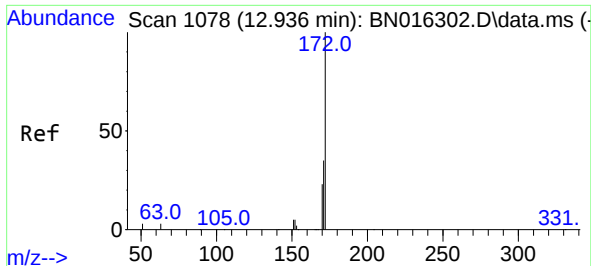
Tgt Ion:164 Resp: 62640
Ion Ratio Lower Upper
164 100
162 99.7 79.0 118.4
160 43.8 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

Tgt Ion:330 Resp: 4751
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 41.0 25.0 37.4#

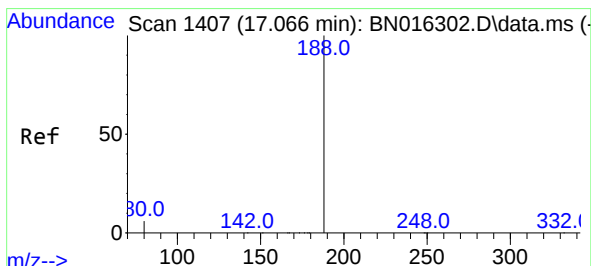
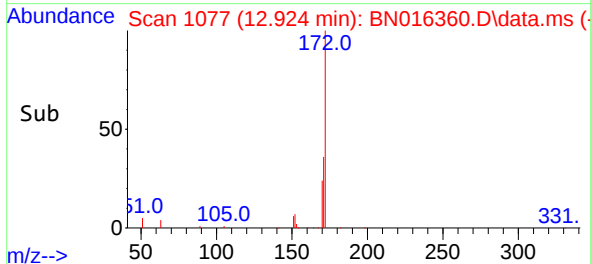
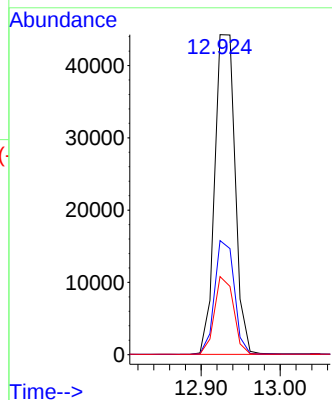
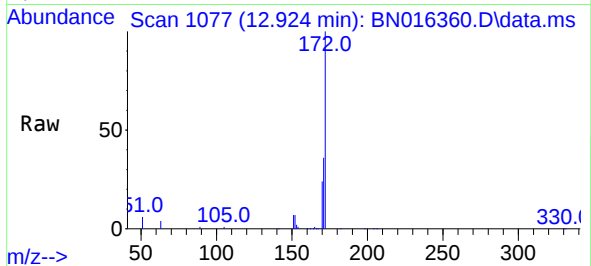




#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

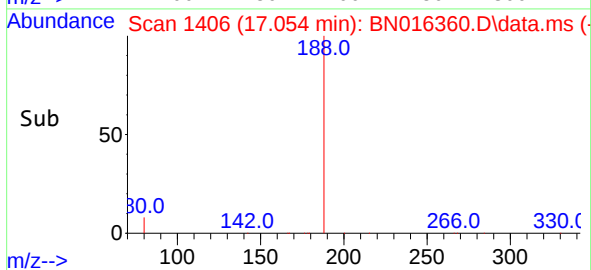
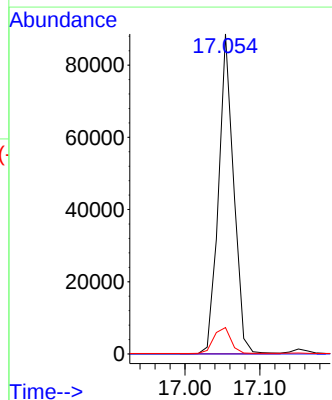
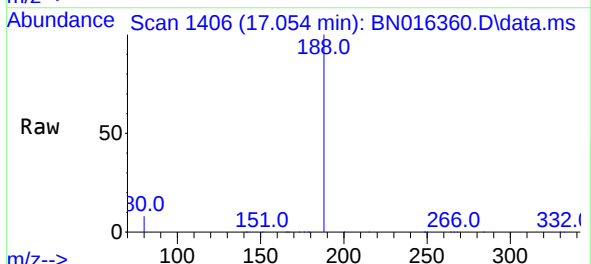
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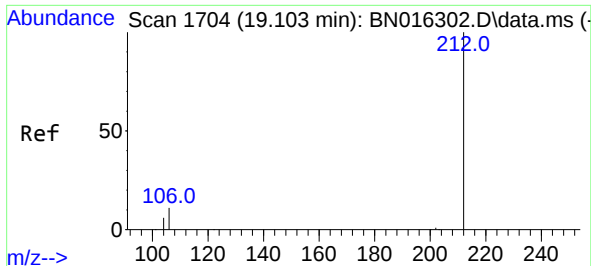
Tgt Ion:172	Resp:	79476
Ion Ratio	Lower	Upper
172	100	
171	35.6	27.8 41.6
170	24.4	18.2 27.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

Tgt Ion:188	Resp:	124416
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.3	7.0 10.6

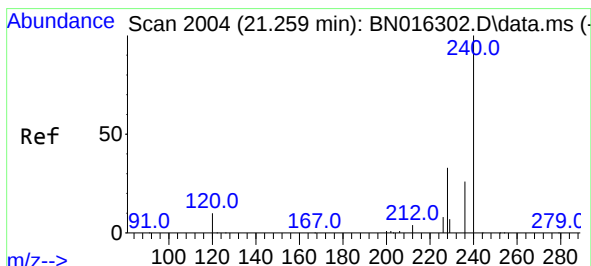
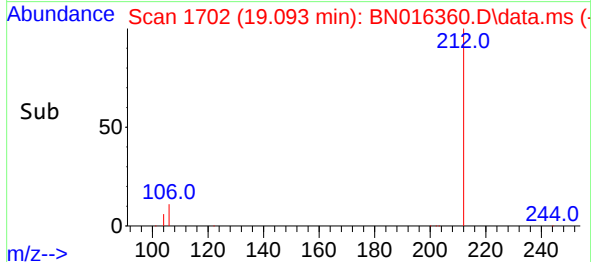
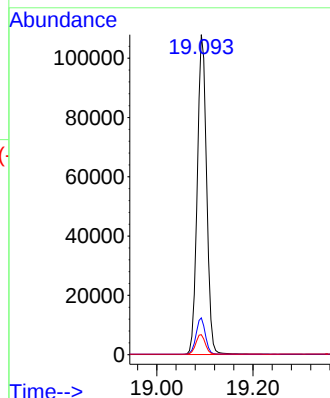
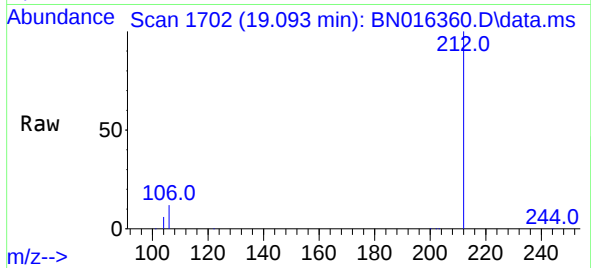




#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

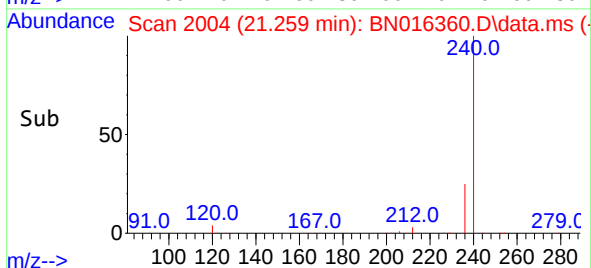
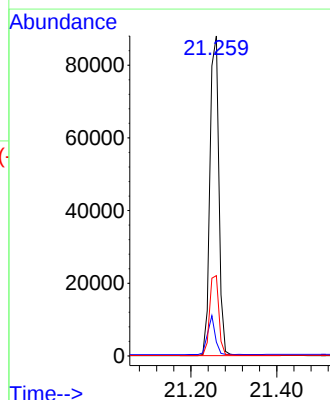
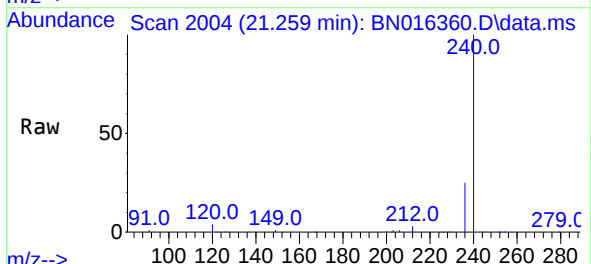
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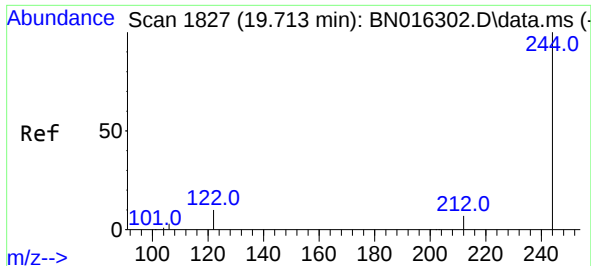
Tgt Ion:212 Resp: 146513
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.3 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

Tgt Ion:240 Resp: 127449
Ion Ratio Lower Upper
240 100
120 4.4 5.3 7.9#
236 25.1 19.8 29.8

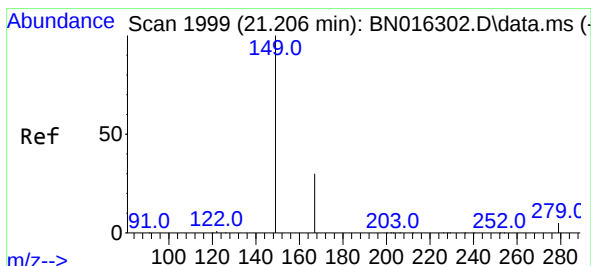
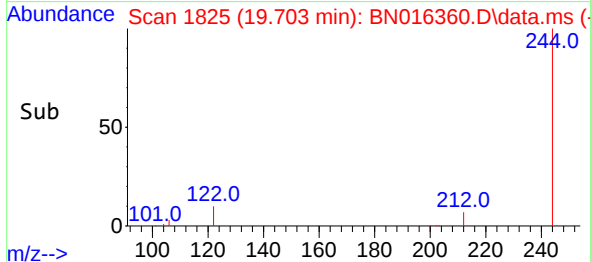
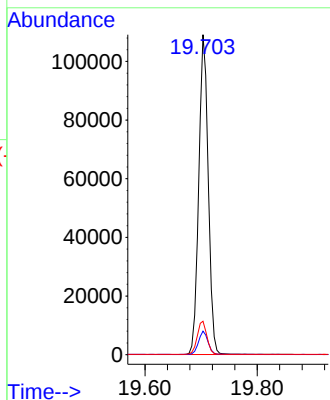
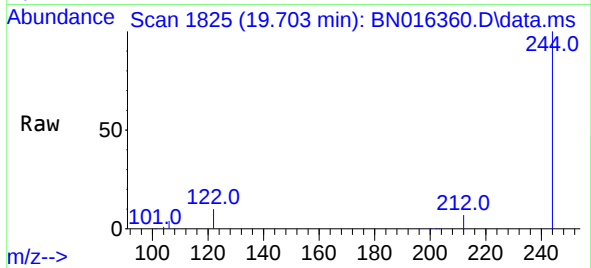




#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.703 min Scan# 1825
 Delta R.T. -0.005 min
 Lab File: BN016360.D
 Acq: 21 Sep 2021 01:58

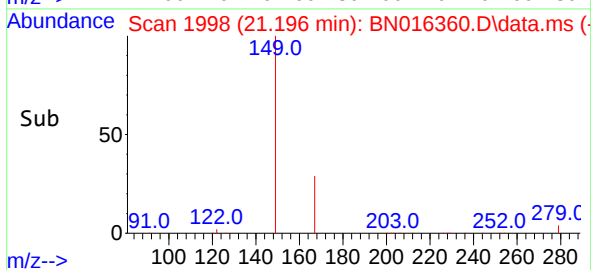
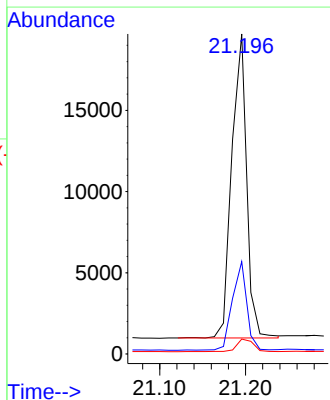
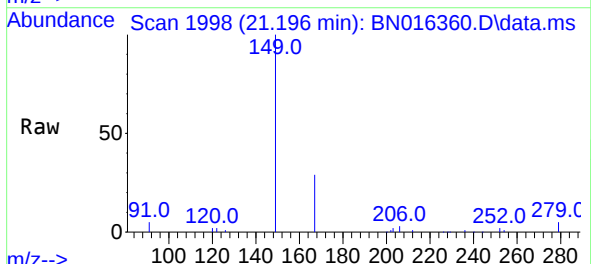
Instrument :
 BNA_N
 ClientSampleId :
 RE115D1-20210916

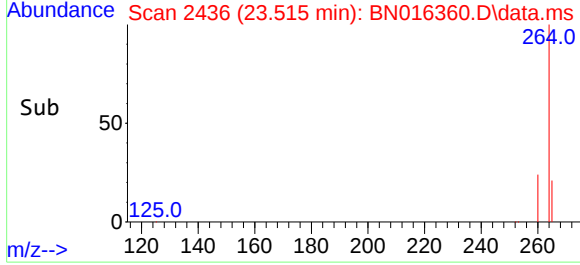
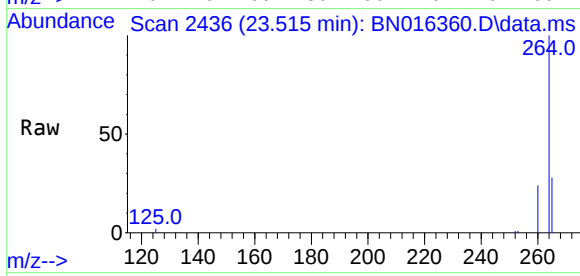
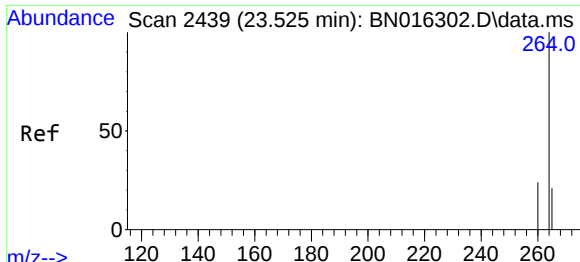
Tgt Ion:244 Resp: 127879
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 10.5 9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.196 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: BN016360.D
 Acq: 21 Sep 2021 01:58

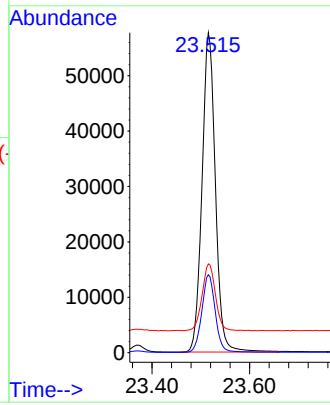
Tgt Ion:149 Resp: 22523
 Ion Ratio Lower Upper
 149 100
 167 28.1 23.4 35.0
 279 4.6 3.9 5.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.010 min
Lab File: BN016360.D
Acq: 21 Sep 2021 01:58

Tgt Ion:264	Resp:	109562
Ion	Ratio	Lower Upper
264	100	
260	24.3	18.9 28.3
265	27.8	23.7 35.5



Instrument :
BNA_N
ClientSampleId :
RE115D1-20210916