

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
 Data File : BN016361.D
 Acq On : 21 Sep 2021 02:34
 Operator : CG/JU
 Sample : M3781-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20210916

Quant Time: Sep 21 03:12:54 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)

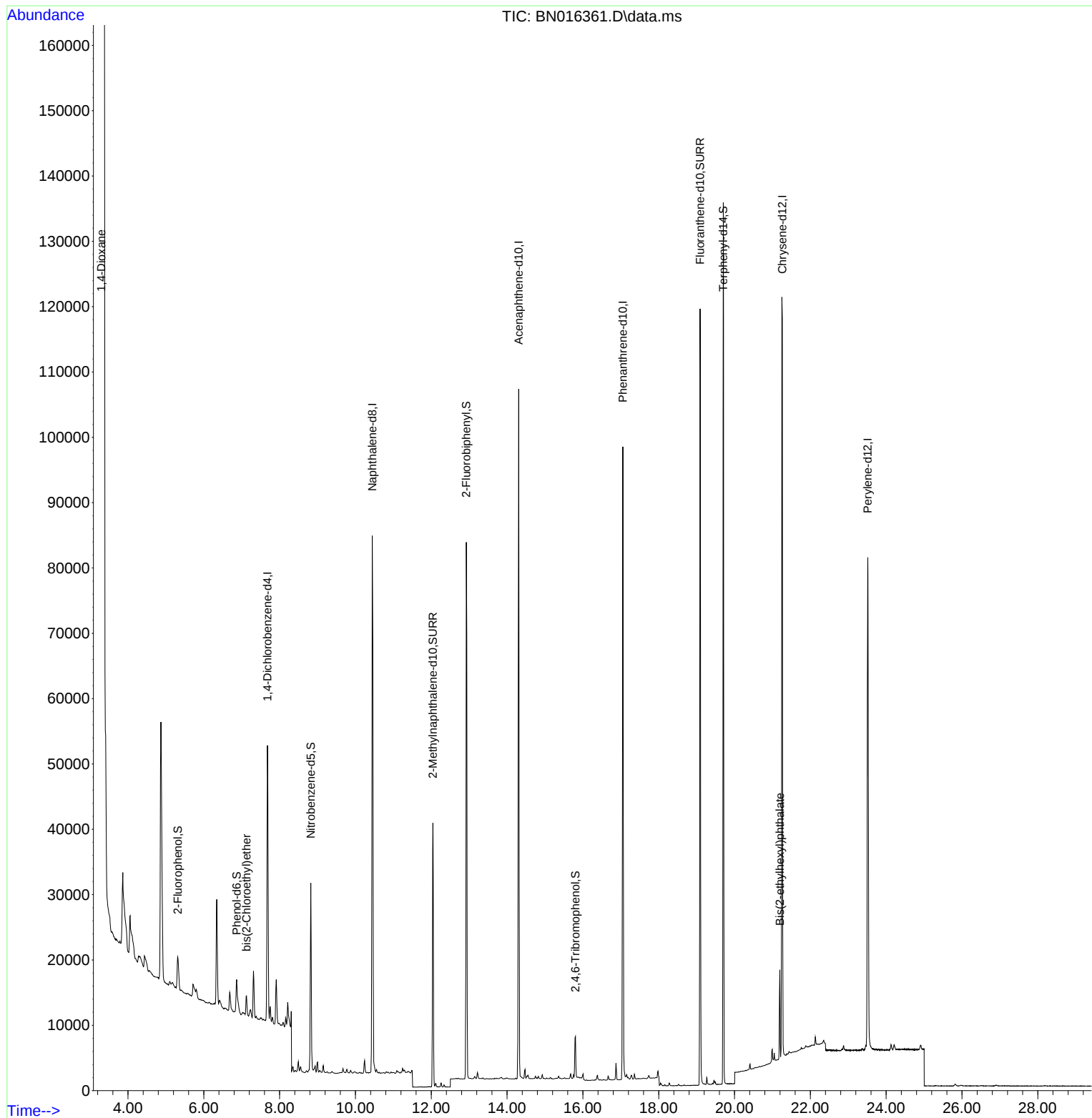
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.679	152	25166	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	111856	0.400	ng	#-0.01
13) Acenaphthene-d10	14.307	164	59162	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	121924	0.400	ng	0.00
29) Chrysene-d12	21.259	240	126267	0.400	ng	# 0.00
35) Perylene-d12	23.515	264	102551	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	6983	0.111	ng	0.00
5) Phenol-d6	6.868	99	4816	0.063	ng	0.00
8) Nitrobenzene-d5	8.823	82	22333	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	54950	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.804	330	5345	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	77804	0.336	ng	-0.01
27) Fluoranthene-d10	19.093	212	136857	0.388	ng	0.00
31) Terphenyl-d14	19.703	244	131115	0.448	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.300	88	56790	5.426	ng	# 73
6) bis(2-Chloroethyl)ether	7.126	93	2785	0.041	ng	95
34) Bis(2-ethylhexyl)phtha...	21.196	149	13071	0.060	ng	96

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

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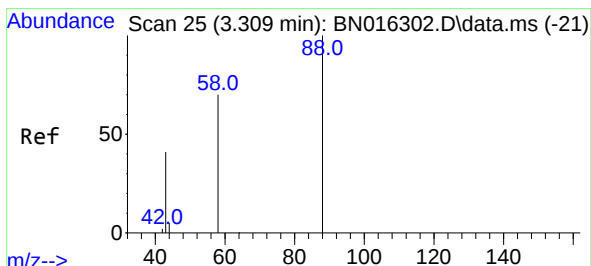
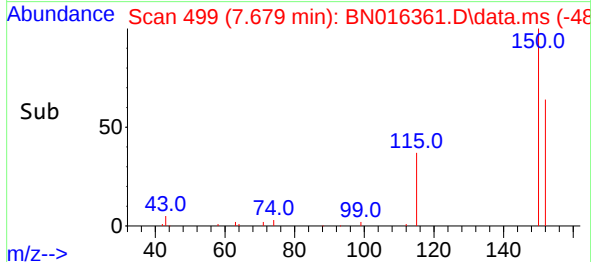
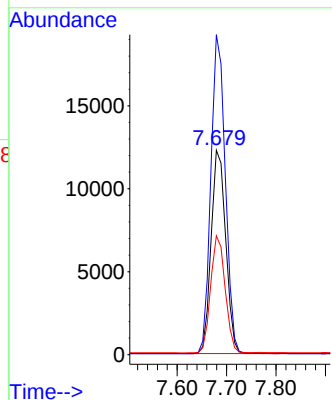
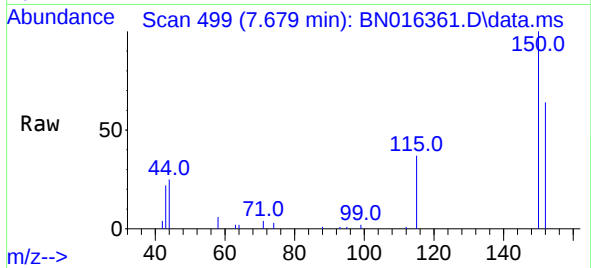




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 499
Delta R.T. -0.009 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

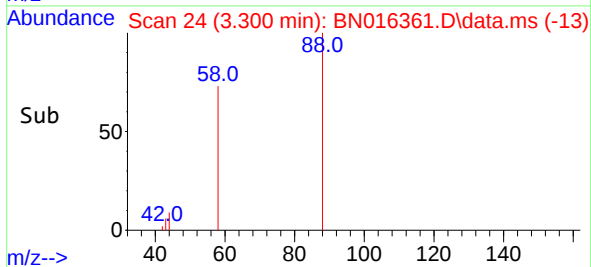
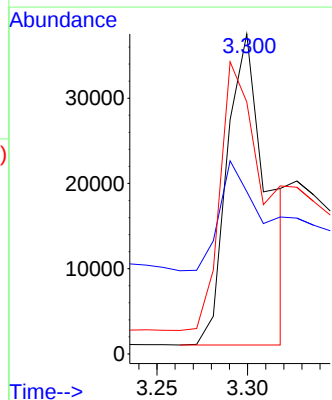
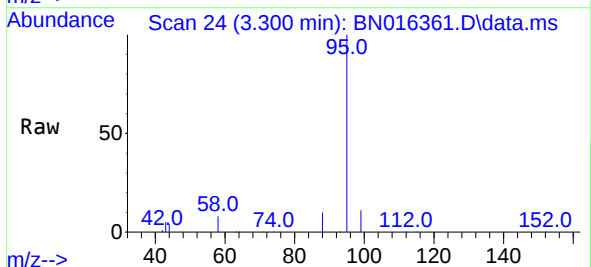
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210916

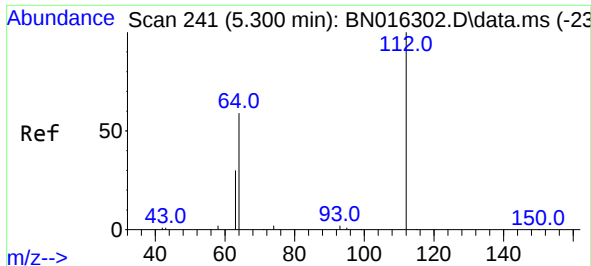
Tgt Ion:152 Resp: 25166
Ion Ratio Lower Upper
152 100
150 156.5 125.6 188.4
115 58.1 50.2 75.2



#2
1,4-Dioxane
Concen: 5.426 ng
RT: 3.300 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Tgt Ion: 88 Resp: 56790
Ion Ratio Lower Upper
88 100
43 42.6 20.3 30.5#
58 111.0 69.9 104.9#

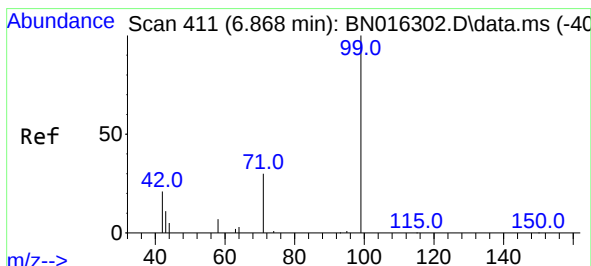
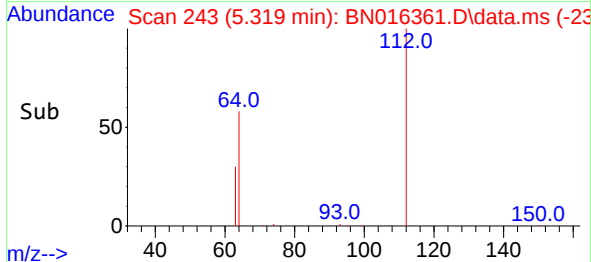
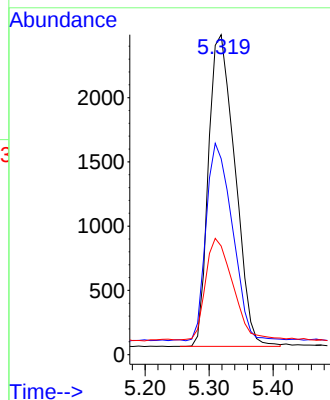
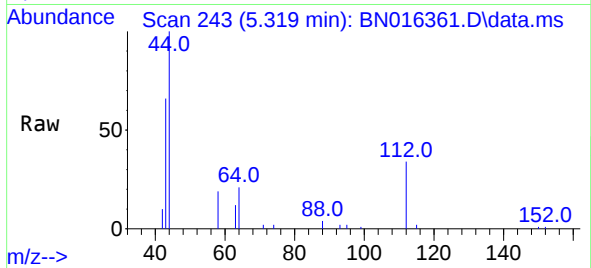




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.319 min Scan# 243
Delta R.T. 0.010 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

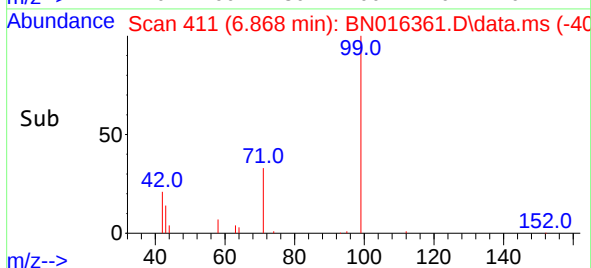
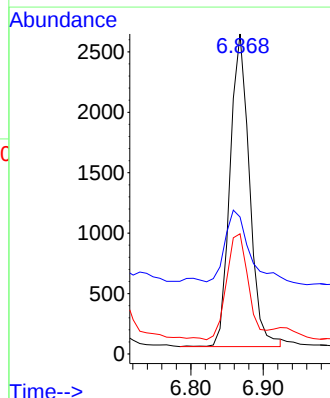
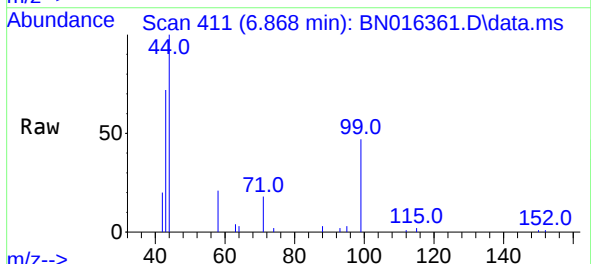
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210916

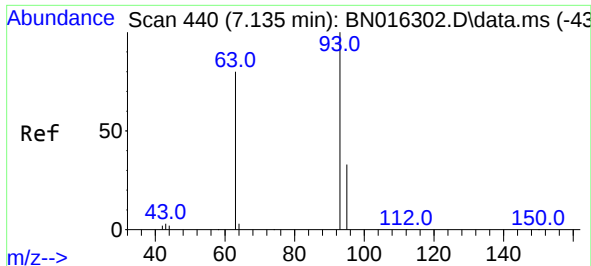
Tgt Ion:112 Resp: 6983
Ion Ratio Lower Upper
112 100
64 63.1 47.3 70.9
63 33.4 23.4 35.0



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Tgt Ion: 99 Resp: 4816
Ion Ratio Lower Upper
99 100
42 27.8 14.0 21.0#
71 38.5 23.8 35.6#

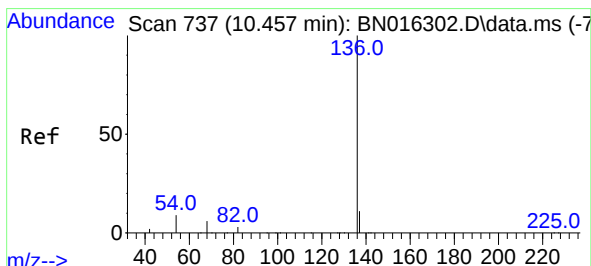
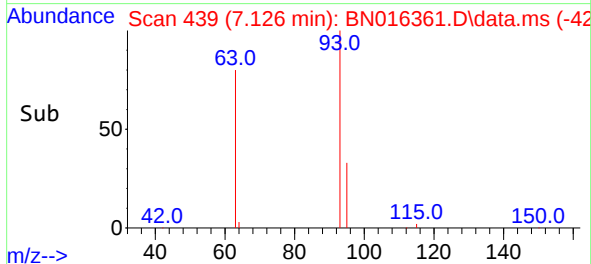
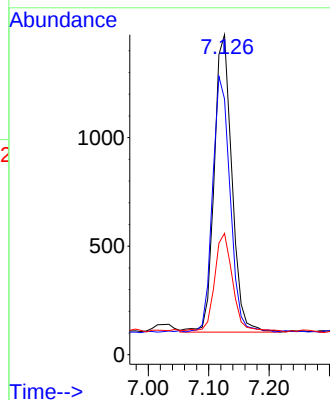
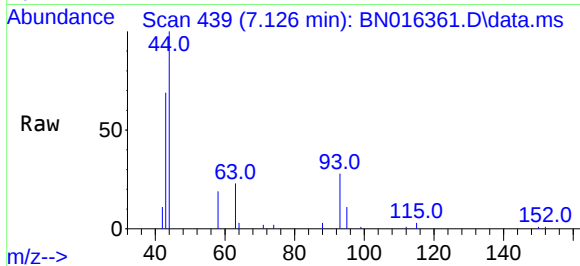




#6
bis(2-Chloroethyl)ether
Concen: 0.041 ng
RT: 7.126 min Scan# 439
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

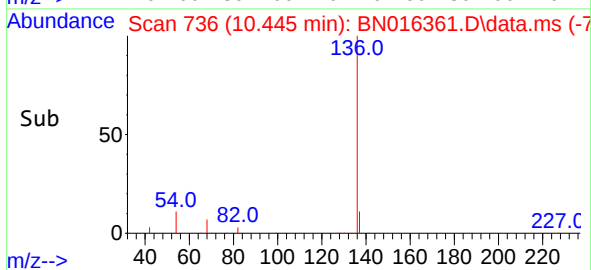
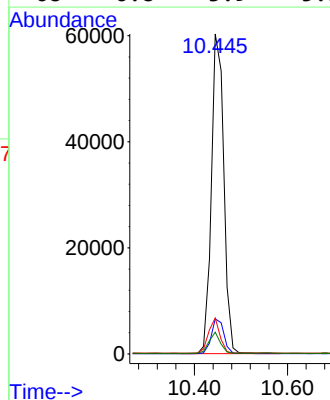
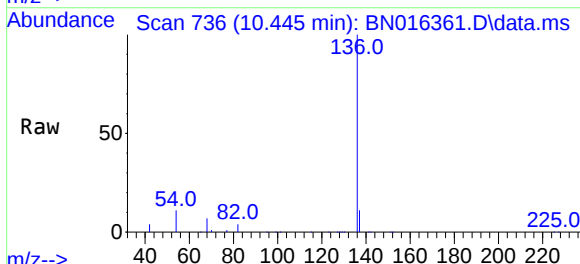
Instrument :
BNA_N
ClientSampleId :
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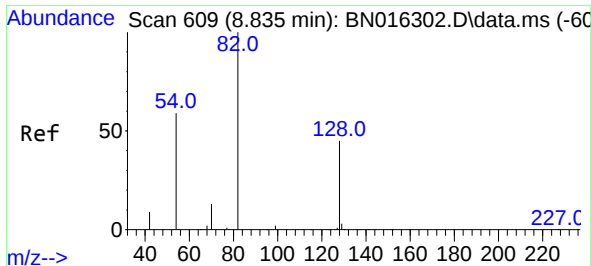
Tgt Ion: 93	Resp:	2785	
Ion	Ratio	Lower	Upper
93	100		
63	85.0	63.4	95.0
95	34.7	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Tgt	Ion:136	Resp:	111856
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.2	5.3	7.9#
68	6.8	3.9	5.9#

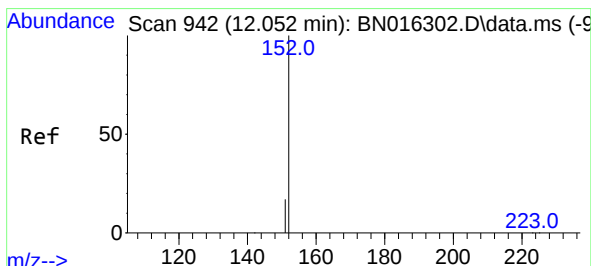
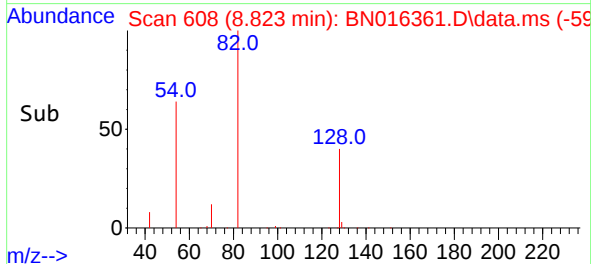
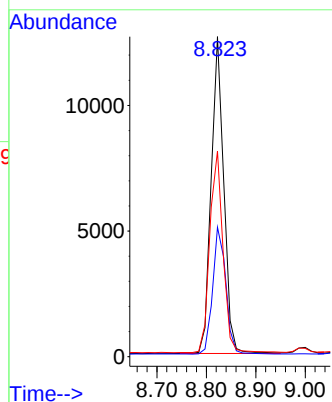
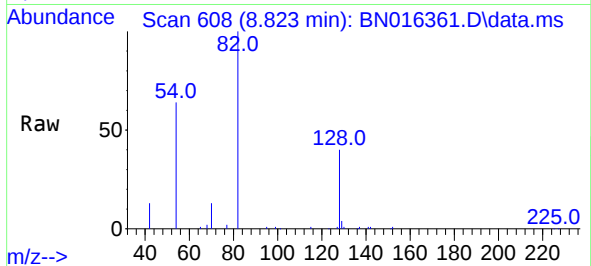




#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.823 min Scan# 608
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

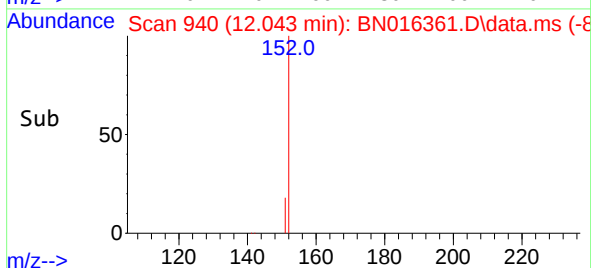
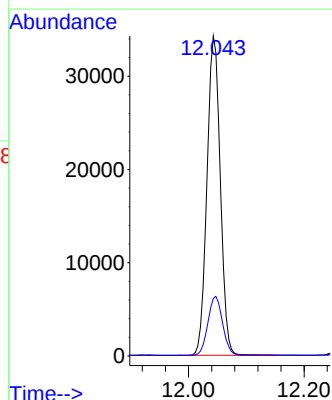
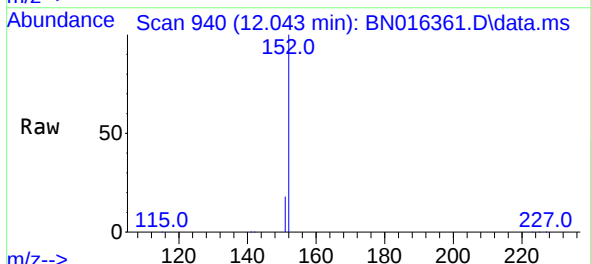
Instrument :
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ClientSampleId :
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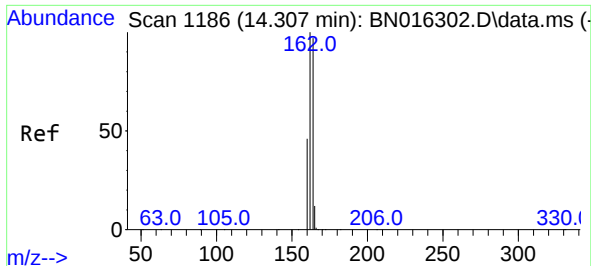
Tgt Ion: 82 Resp: 22333
Ion Ratio Lower Upper
82 100
128 40.5 31.7 47.5
54 64.2 46.4 69.6



#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.043 min Scan# 940
Delta R.T. -0.004 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Tgt Ion: 152 Resp: 54950
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1

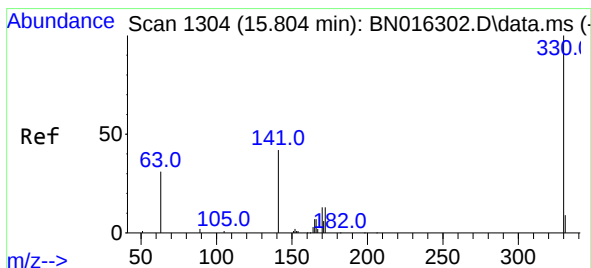
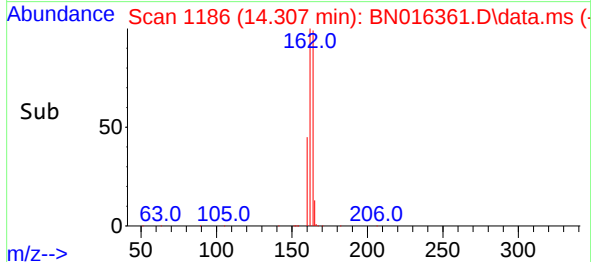
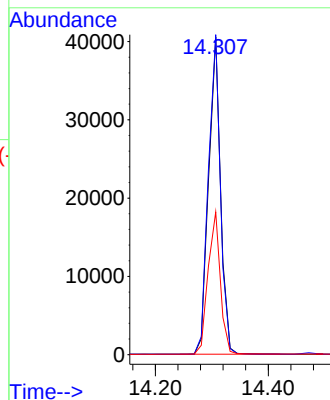
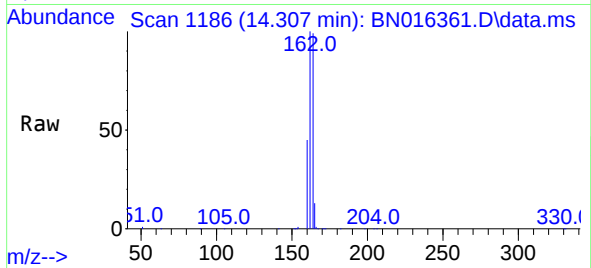




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

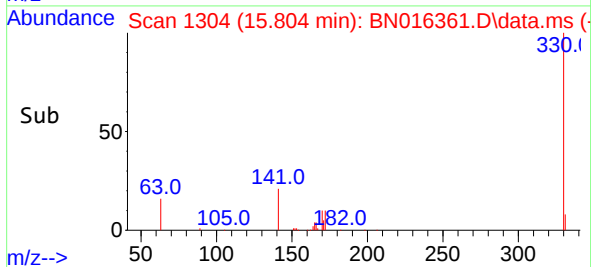
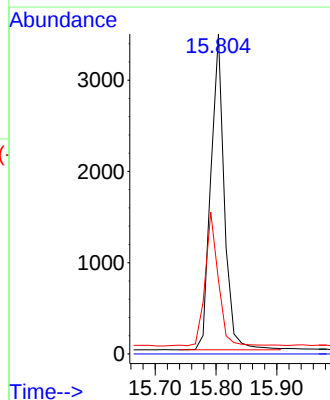
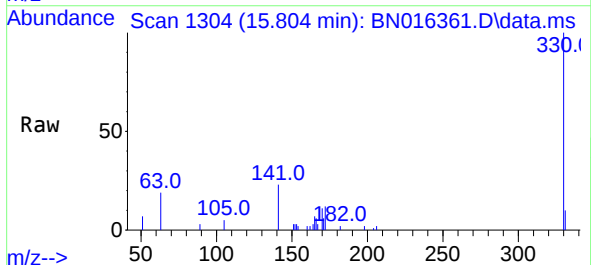
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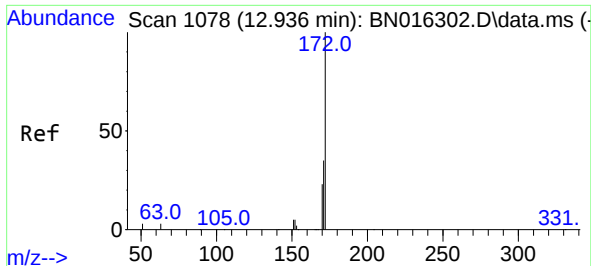
Tgt Ion:164 Resp: 59162
Ion Ratio Lower Upper
164 100
162 100.8 79.0 118.4
160 44.9 34.1 51.1



#14
2,4,6-Tribromophenol
Concen: 0.308 ng
RT: 15.804 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Tgt Ion:330 Resp: 5345
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.5 25.0 37.4#



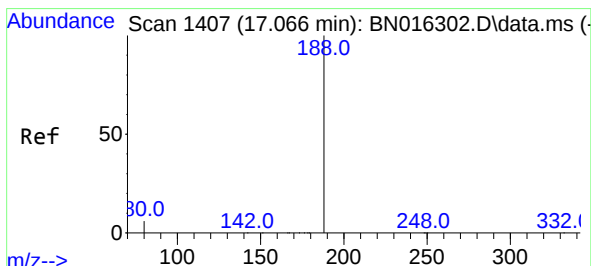
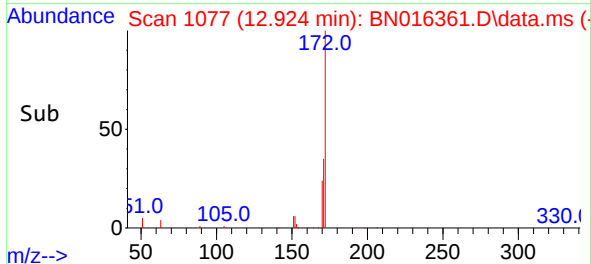
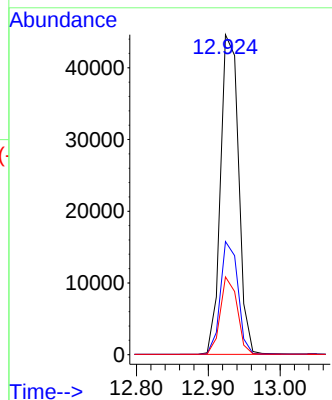
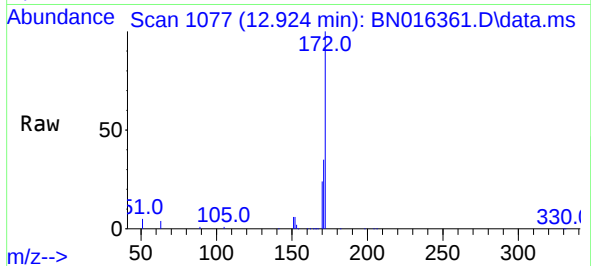


#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.012 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:172 Resp: 77804

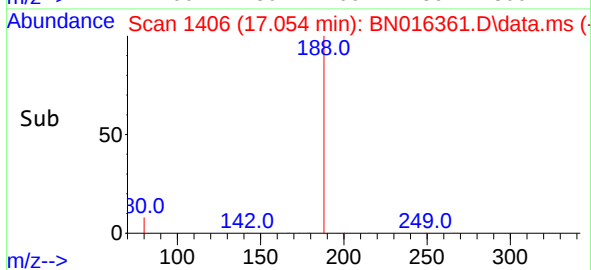
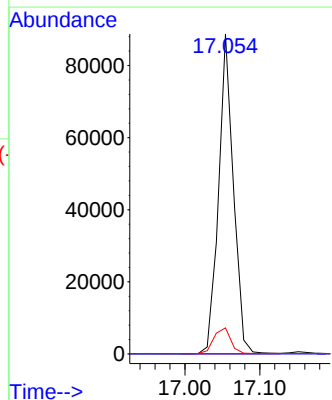
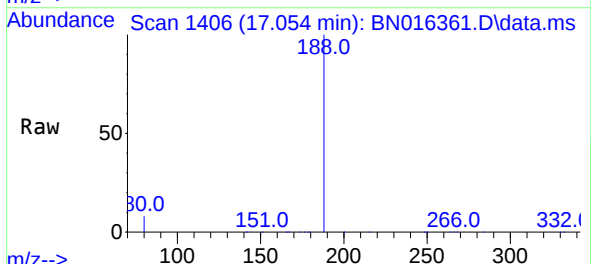
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	24.3	18.2	27.2

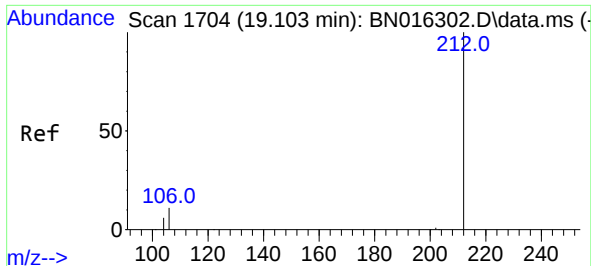


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Tgt Ion:188 Resp: 121924

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	7.0	10.6

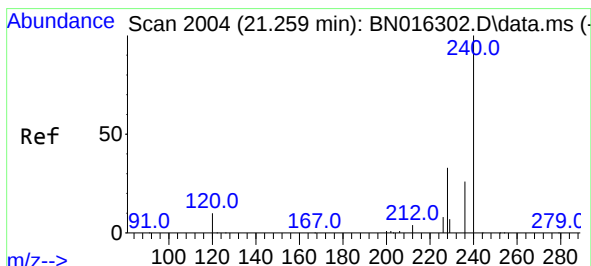
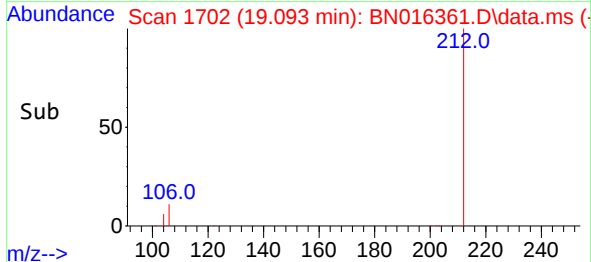
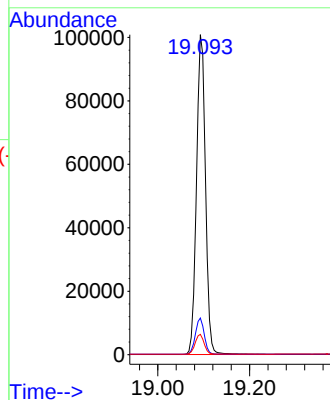
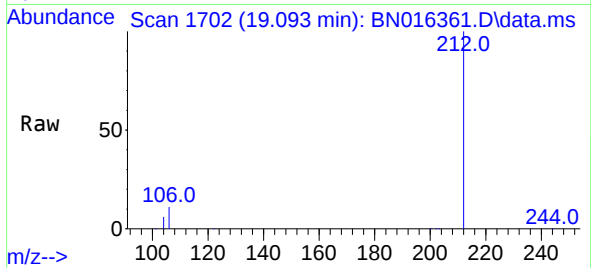




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

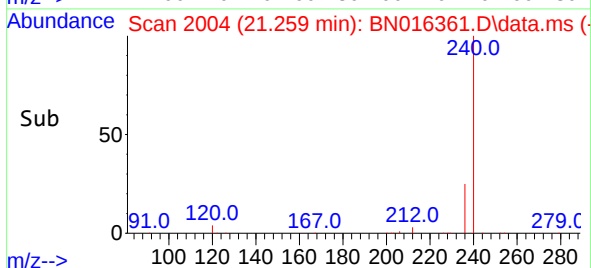
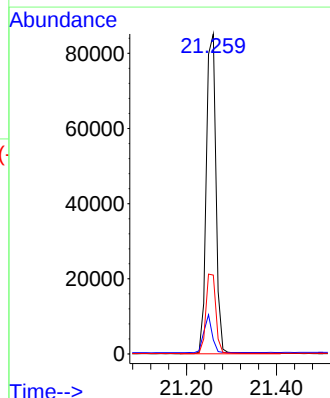
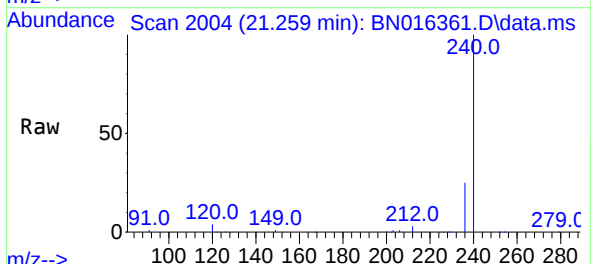
Instrument :
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RE115D2-20210916

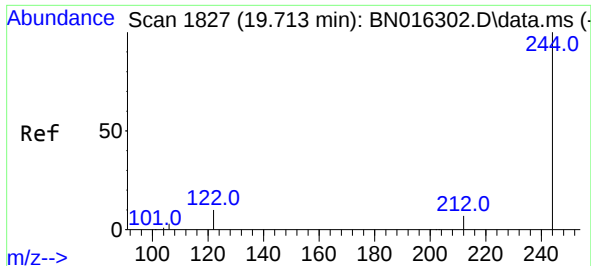
Tgt Ion:212 Resp: 136857
Ion Ratio Lower Upper
212 100
106 11.2 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Tgt Ion:240 Resp: 126267
Ion Ratio Lower Upper
240 100
120 4.4 5.3 7.9#
236 24.7 19.8 29.8

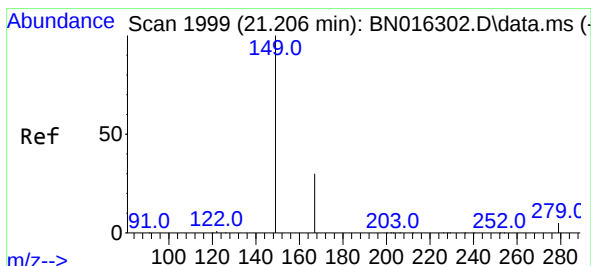
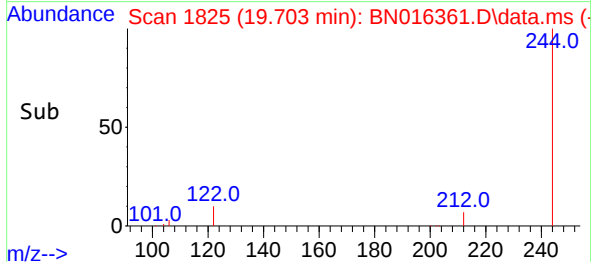
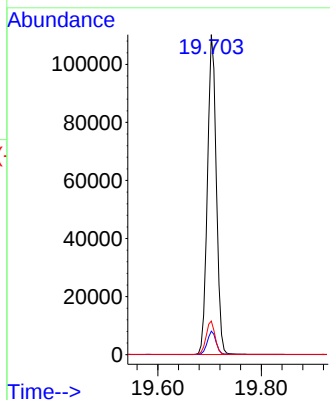
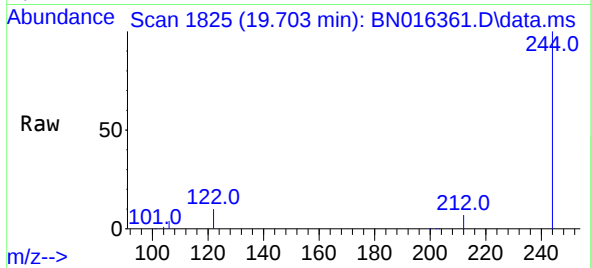




#31
Terphenyl-d14
Concen: 0.448 ng
RT: 19.703 min Scan# 1825
Delta R.T. -0.005 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

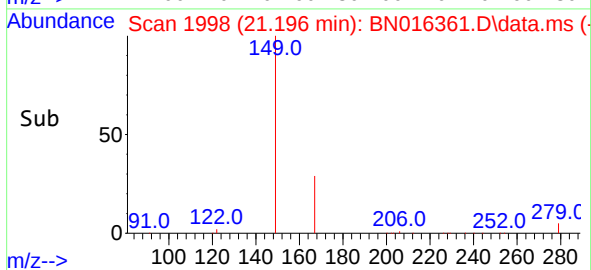
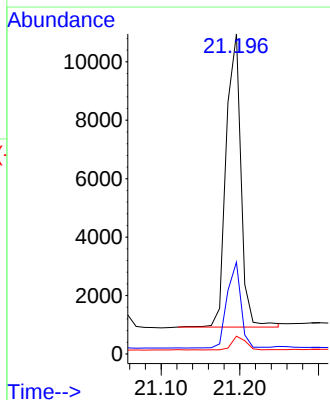
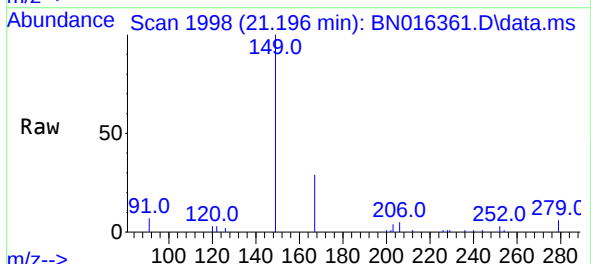
Instrument :
BNA_N
ClientSampleId :
RE115D2-20210916

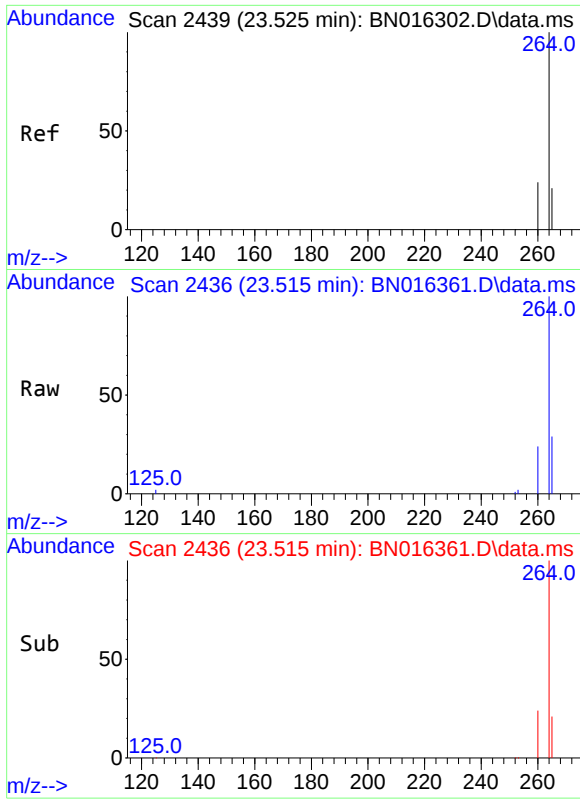
Tgt Ion:244 Resp: 131115
Ion Ratio Lower Upper
244 100
212 7.4 5.5 8.3
122 10.5 9.0 13.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

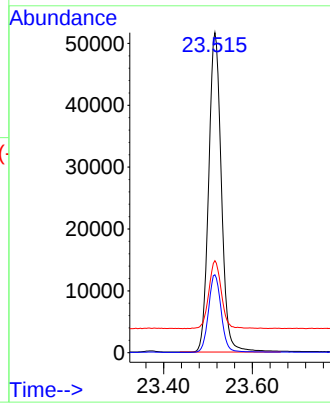
Tgt Ion:149 Resp: 13071
Ion Ratio Lower Upper
149 100
167 27.1 23.4 35.0
279 4.4 3.9 5.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.515 min Scan# 2436
Delta R.T. -0.010 min
Lab File: BN016361.D
Acq: 21 Sep 2021 02:34

Tgt Ion:264	Resp:	102551
Ion	Ratio	Lower Upper
264	100	
260	24.3	18.9 28.3
265	28.7	23.7 35.5



Instrument :
BNA_N
ClientSampleId :
RE115D2-20210916