

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092121\
 Data File : BN016395.D
 Acq On : 22 Sep 2021 04:13
 Operator : CG/JU
 Sample : M3781-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20210916

Quant Time: Sep 22 05:34:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 13:21:55 2021
 Response via : Initial Calibration

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

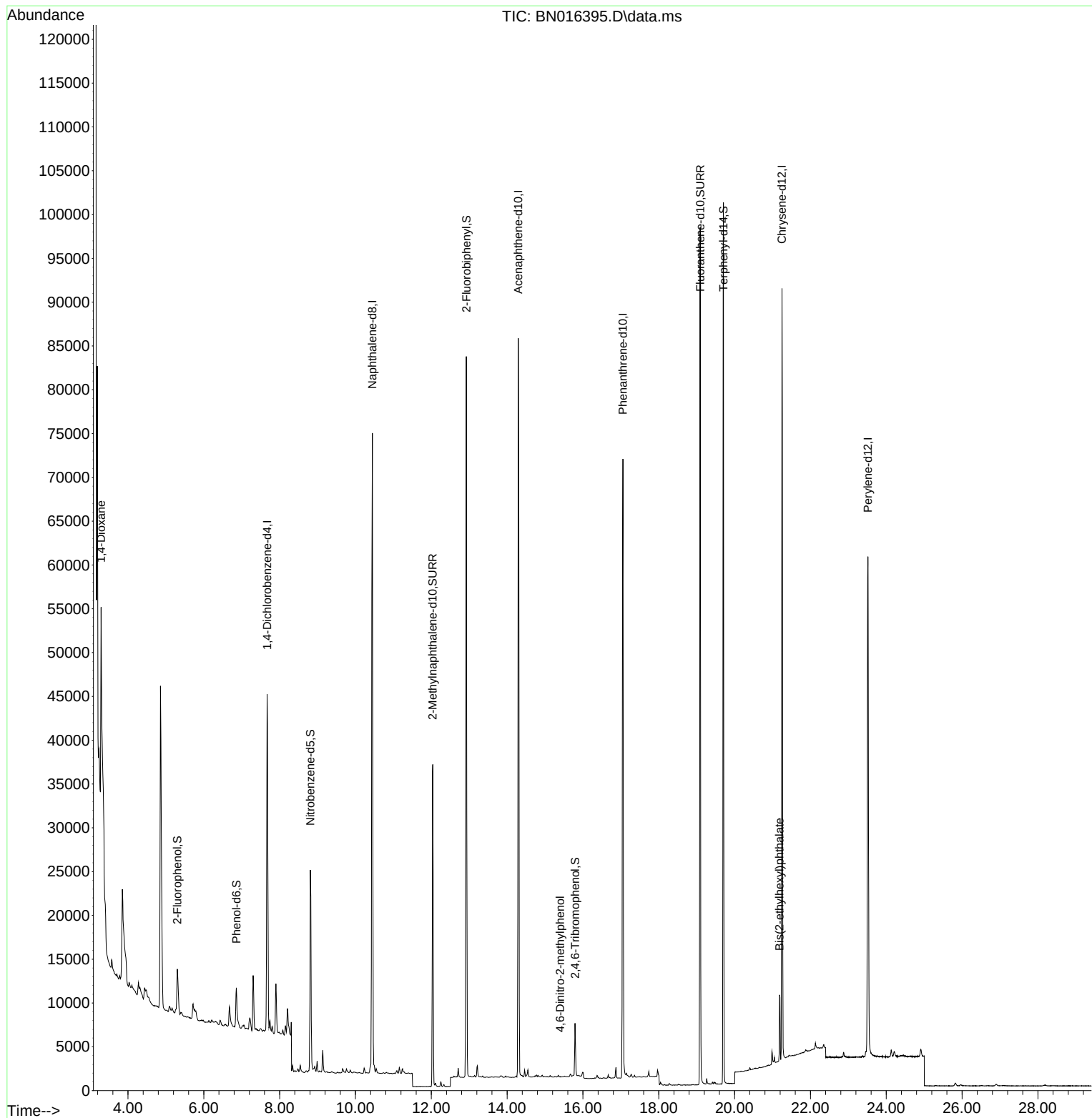
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22549	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	99165	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	51640	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	102907	0.400	ng	# 0.00
29) Chrysene-d12	21.248	240	89280	0.400	ng	#-0.01
35) Perylene-d12	23.515	264	79311	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	6501	0.115	ng	0.02
5) Phenol-d6	6.858	99	4333	0.063	ng	0.00
8) Nitrobenzene-d5	8.810	82	19410	0.329	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	49968	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4308	0.284	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	69717	0.345	ng	0.00
27) Fluoranthene-d10	19.093	212	113709	0.382	ng	0.00
31) Terphenyl-d14	19.703	244	100756	0.487	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	16714	1.782	ng	# 92
20) 4,6-Dinitro-2-methylph...	15.398	198	9	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.185	149	8231	0.053	ng	96

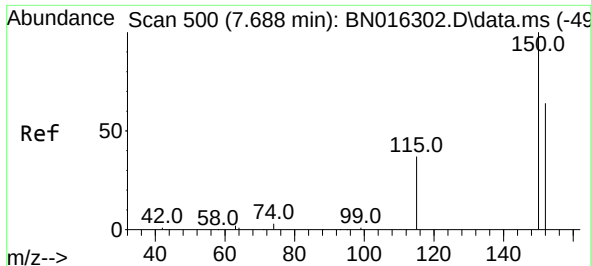
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

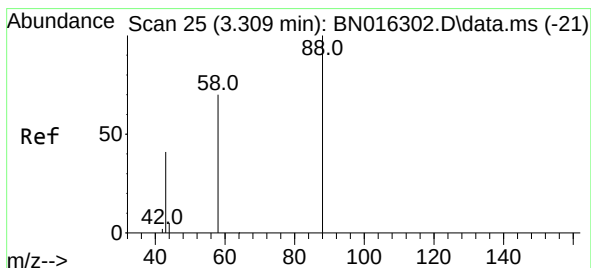
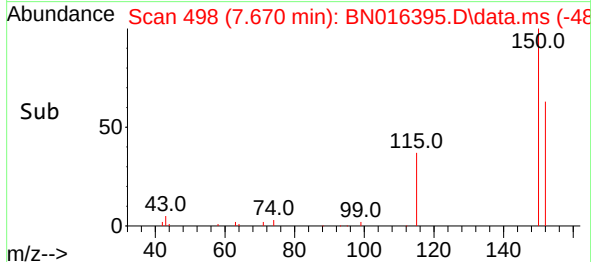
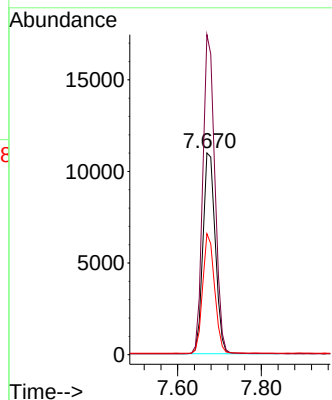
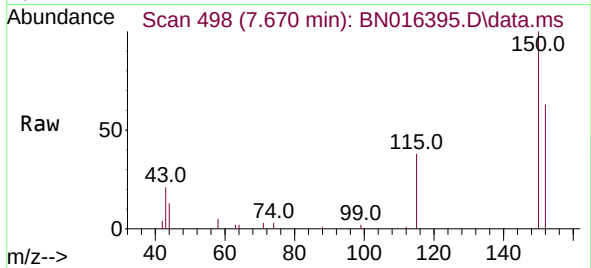




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.670 min Scan# 498
 Delta R.T. -0.000 min
 Lab File: BN016395.D
 Acq: 22 Sep 2021 04:13

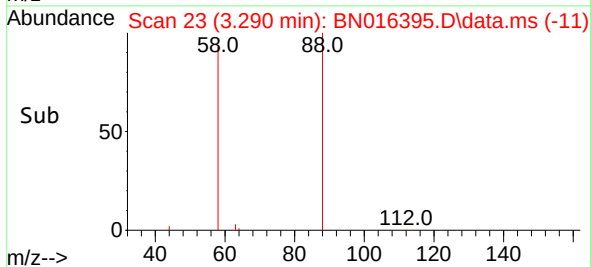
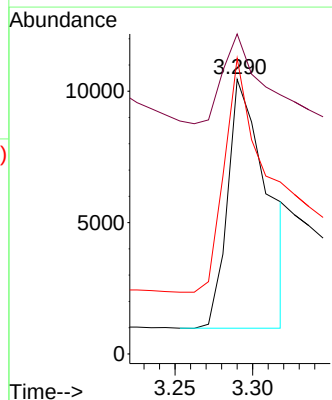
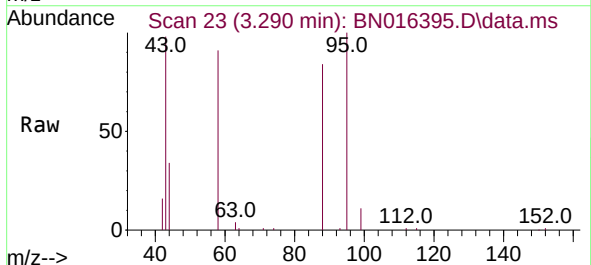
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20210916

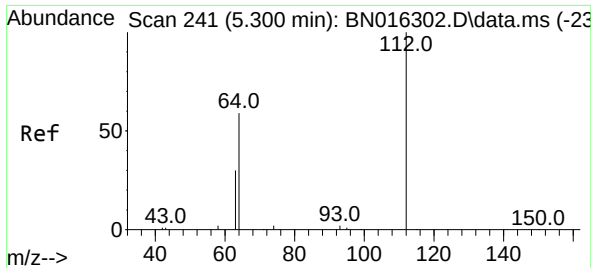
Tgt Ion:152 Resp: 22549
 Ion Ratio Lower Upper
 152 100
 150 158.7 125.6 188.4
 115 60.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 1.782 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016395.D
 Acq: 22 Sep 2021 04:13

Tgt Ion: 88 Resp: 16714
 Ion Ratio Lower Upper
 88 100
 43 33.1 20.3 30.5#
 58 93.1 69.9 104.9

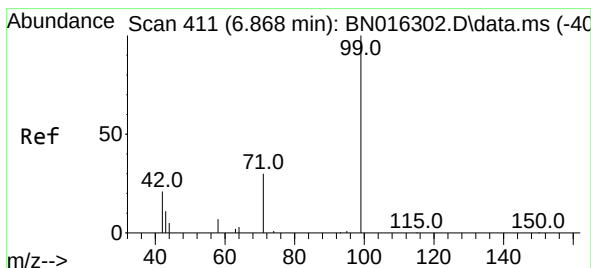
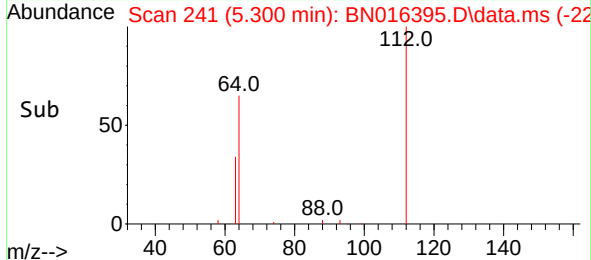
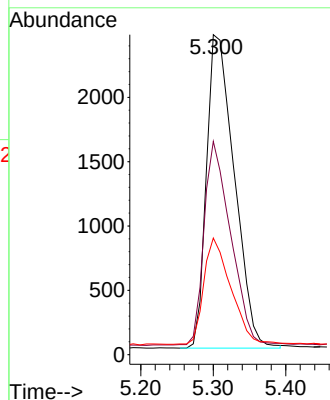
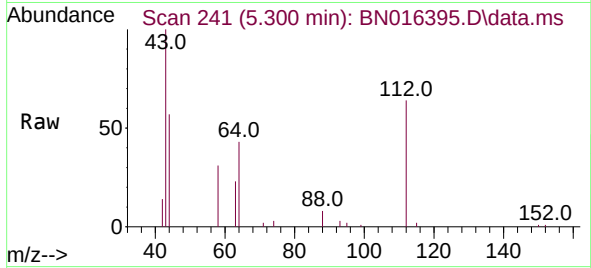




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.019 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

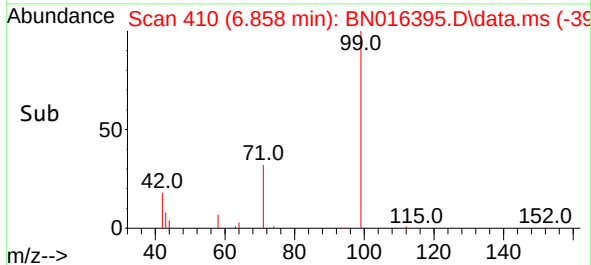
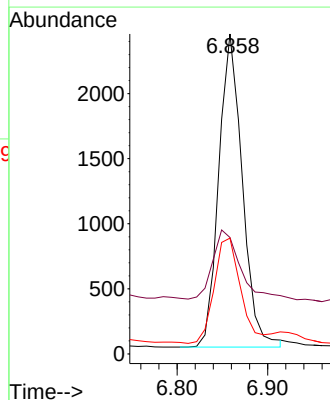
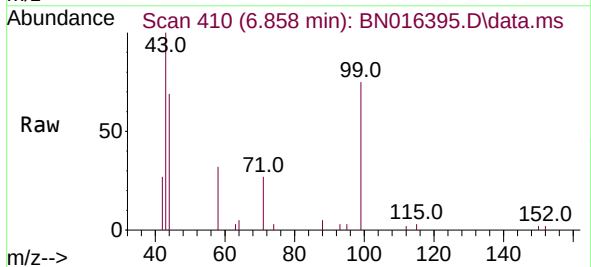
Instrument :
BNA_N
ClientSampleId :
RE134D4-20210916

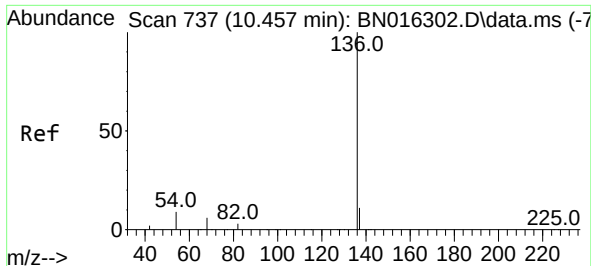
Tgt Ion:	112	Resp:	6501
Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.3	70.9
63	33.0	23.4	35.0



#5
Phenol-d6
Concen: 0.063 ng
RT: 6.858 min Scan# 410
Delta R.T. 0.009 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

Tgt Ion:	99	Resp:	4333
Ion	Ratio	Lower	Upper
99	100		
42	25.4	14.0	21.0#
71	37.8	23.8	35.6#

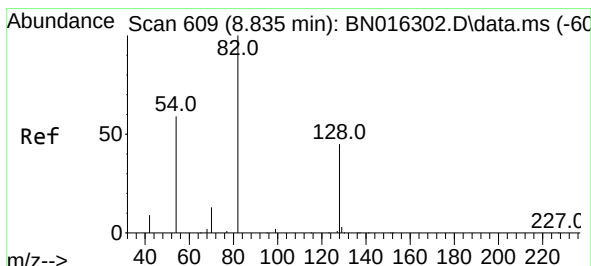
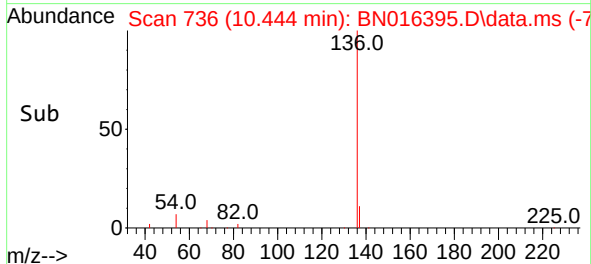
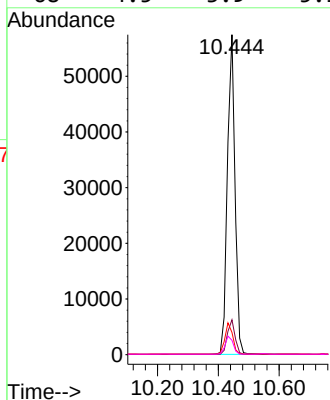
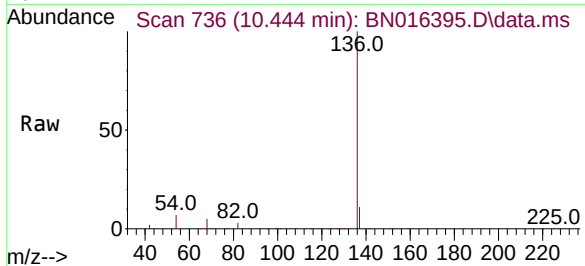




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

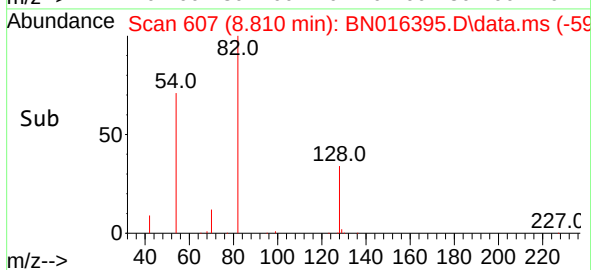
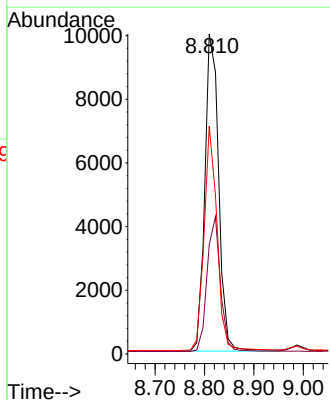
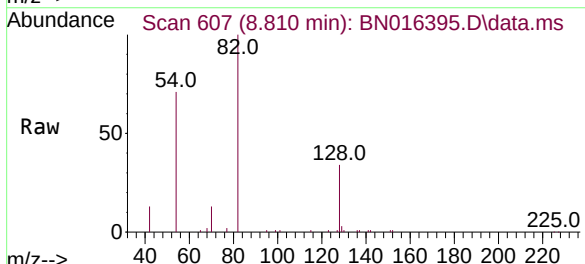
Instrument :
BNA_N
ClientSampleId :
RE134D4-20210916

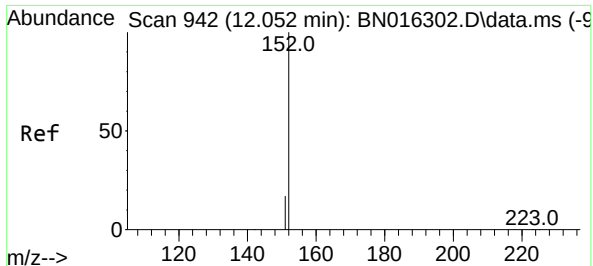
Tgt Ion:	136	Resp:	99165
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.0	5.3	7.9
68	4.5	3.9	5.9



#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

Tgt Ion:	82	Resp:	19410
Ion Ratio	Lower	Upper	
82	100		
128	34.2	31.7	47.5
54	71.1	46.4	69.6#

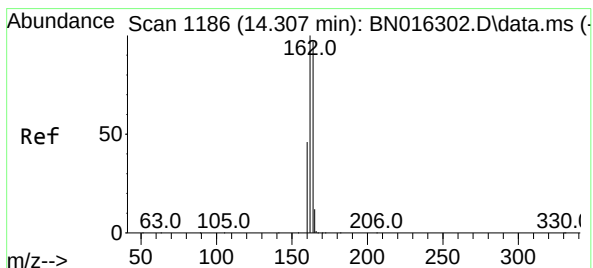
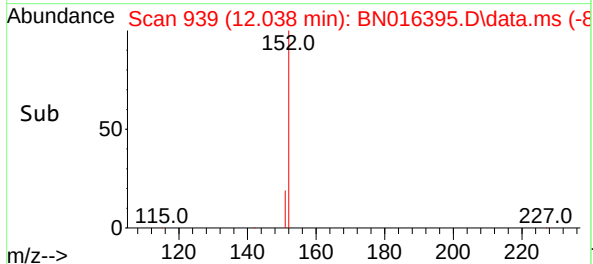
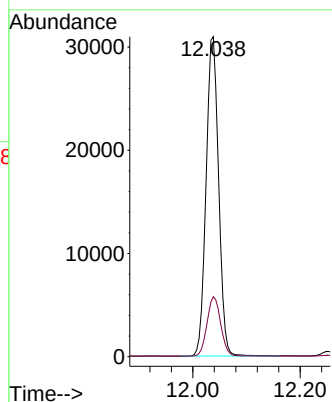
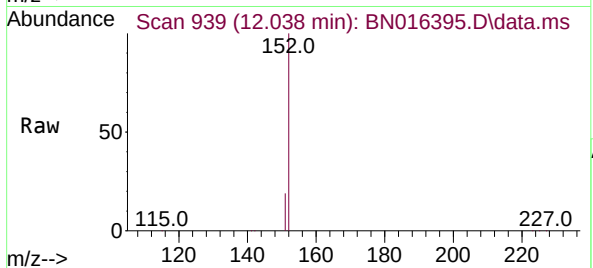




#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.038 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

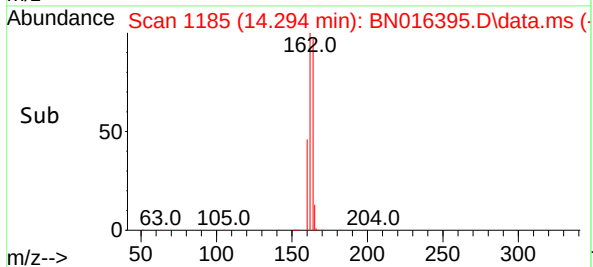
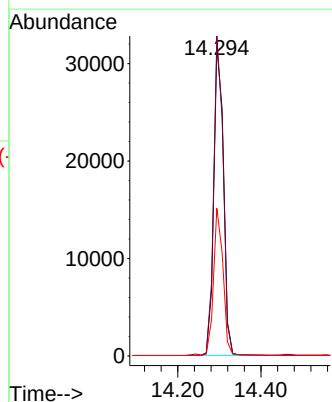
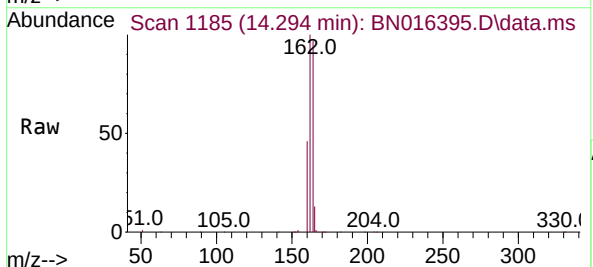
Instrument :
BNA_N
ClientSampleId :
RE134D4-20210916

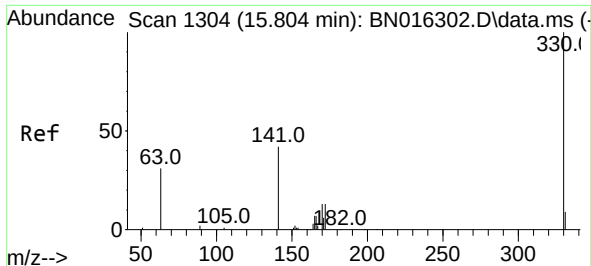
Tgt Ion:152 Resp: 49968
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.013 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

Tgt Ion:164 Resp: 51640
Ion Ratio Lower Upper
164 100
162 103.3 79.0 118.4
160 47.7 34.1 51.1

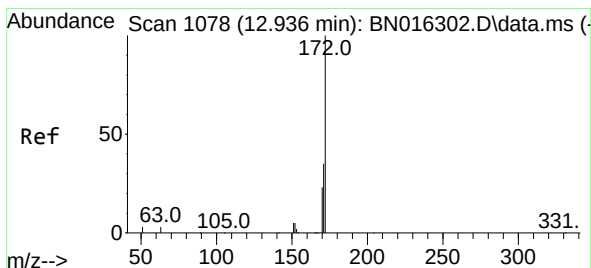
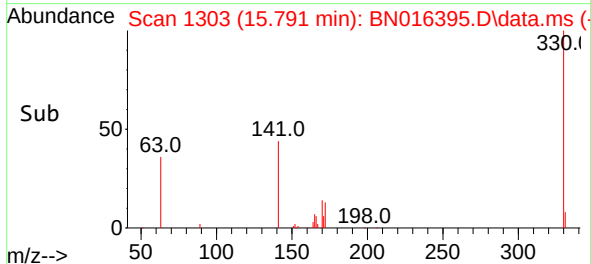
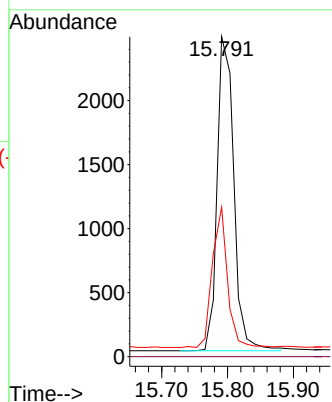
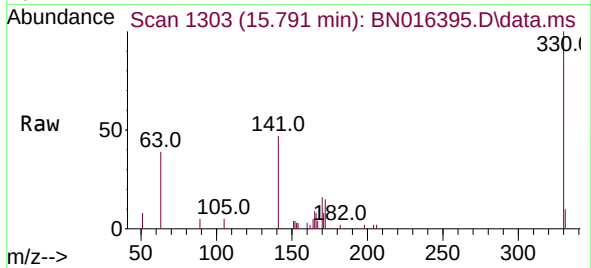




#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

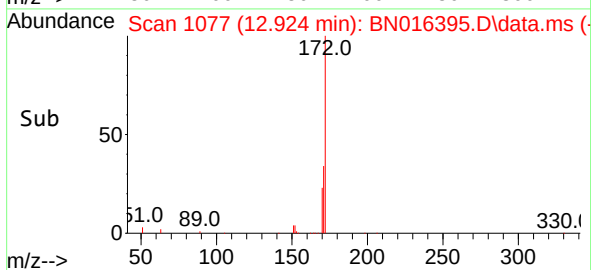
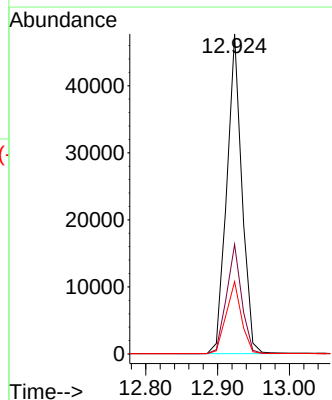
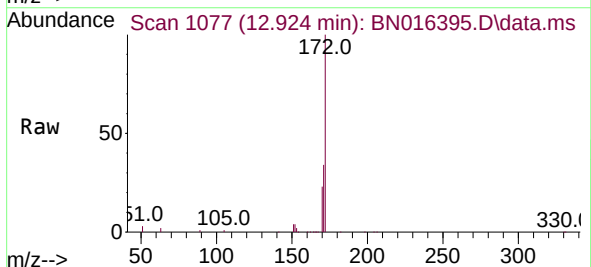
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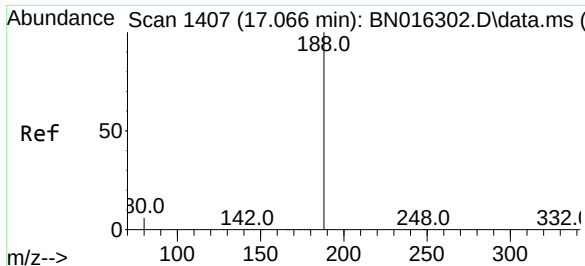
Tgt Ion: 330 Resp: 4308
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.9 25.0 37.4#



#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.924 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

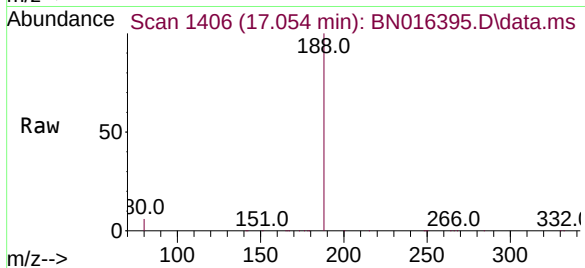
Tgt Ion: 172 Resp: 69717
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.6 18.2 27.2



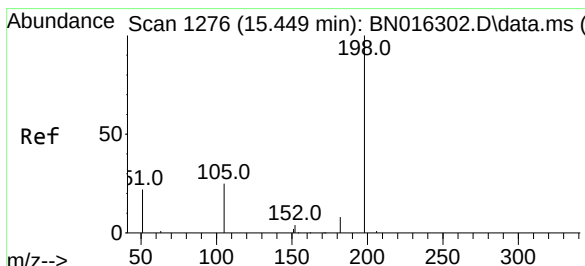
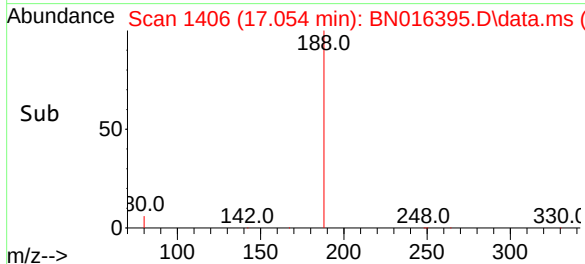
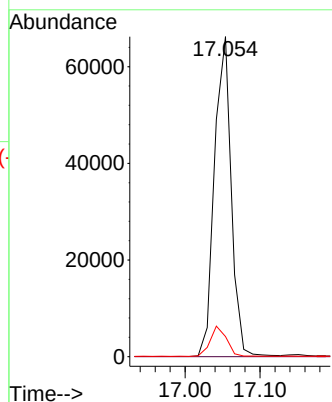


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

Instrument :
BNA_N
ClientSampleId :
RE134D4-20210916

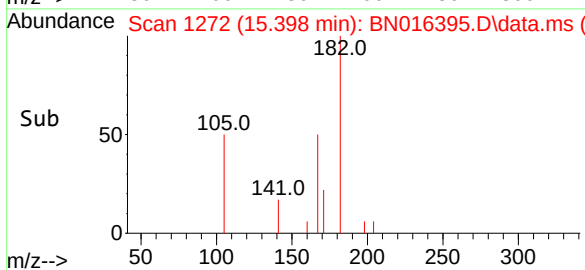
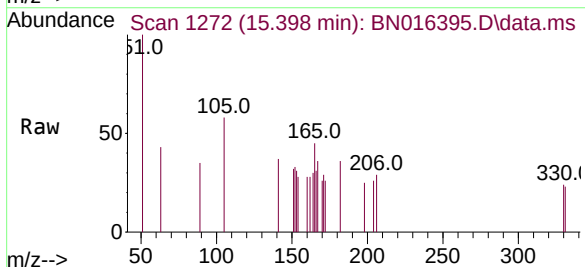
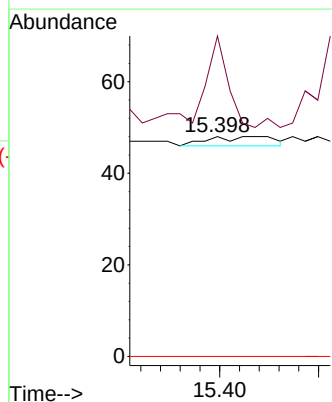


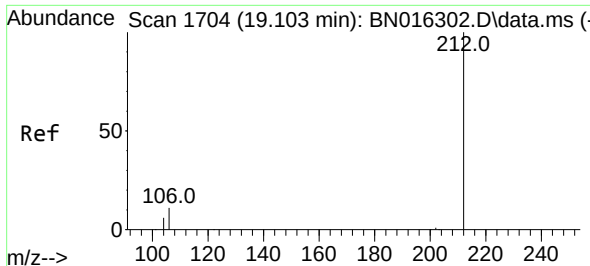
Tgt Ion:188 Resp: 102907
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 7.0 10.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.038 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 145.8 26.6 39.8#
77 0.0 0.0 0.0

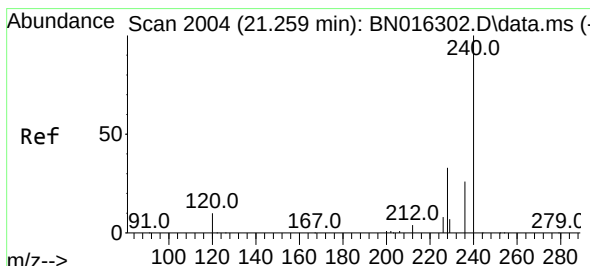
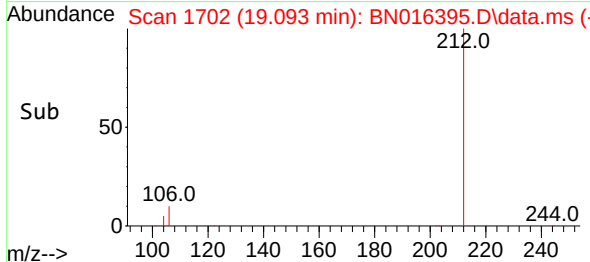
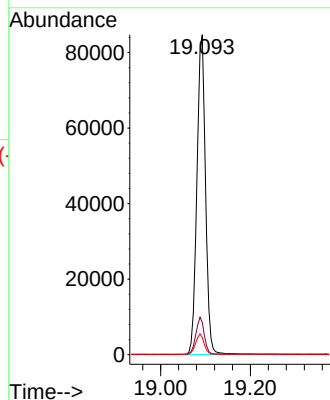
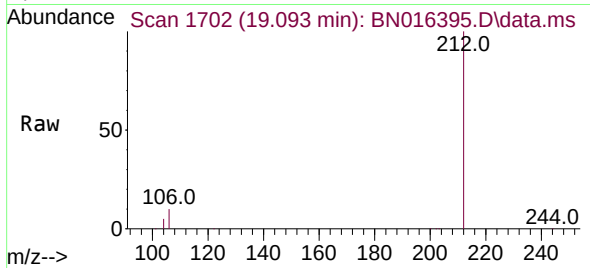




#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.093 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

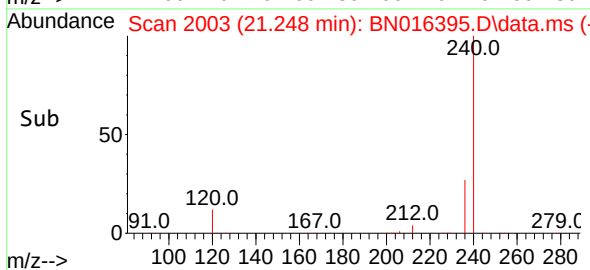
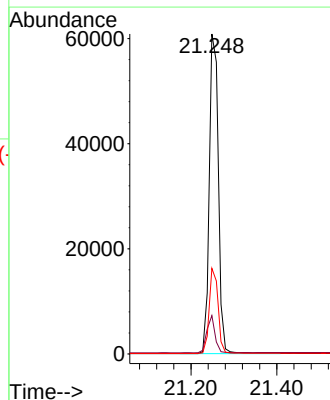
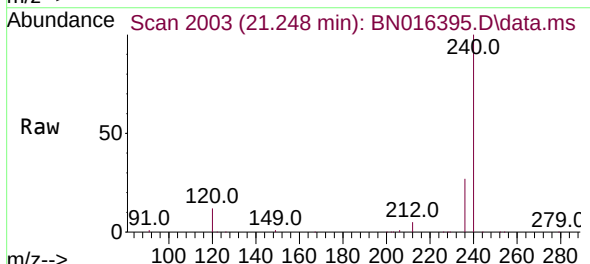
Instrument :
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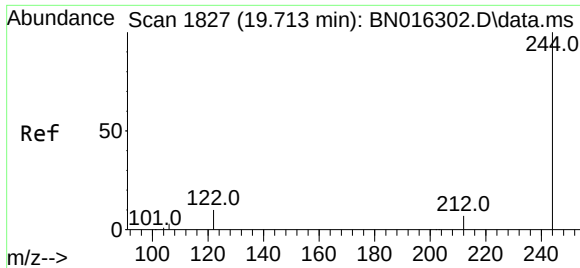
Tgt Ion:212 Resp: 113709
Ion Ratio Lower Upper
212 100
106 11.3 9.8 14.6
104 6.2 5.4 8.2



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BN016395.D
Acq: 22 Sep 2021 04:13

Tgt Ion:240 Resp: 89280
Ion Ratio Lower Upper
240 100
120 12.0 5.3 7.9#
236 26.7 19.8 29.8

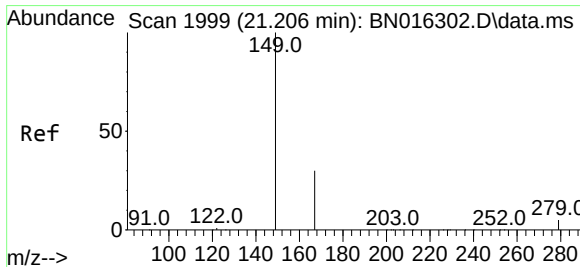
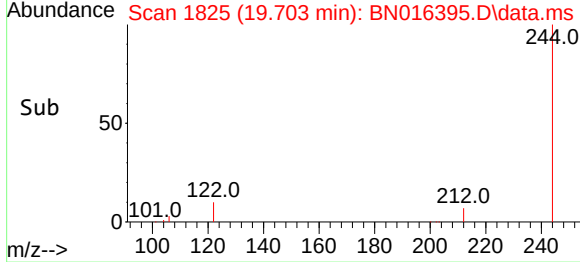
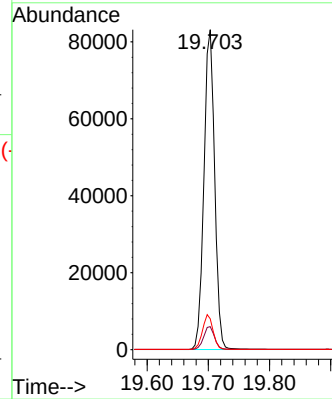
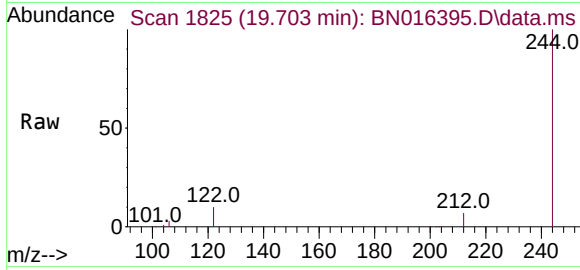




#31
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 19.703 min Scan# 1825
 Delta R.T. 0.000 min
 Lab File: BN016395.D
 Acq: 22 Sep 2021 04:13

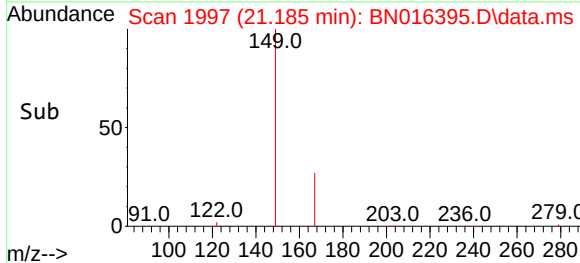
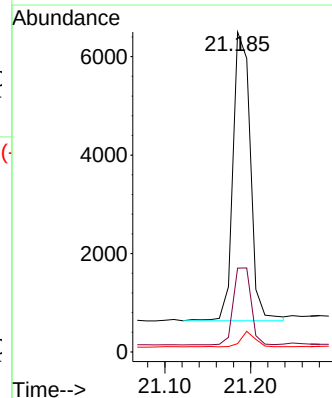
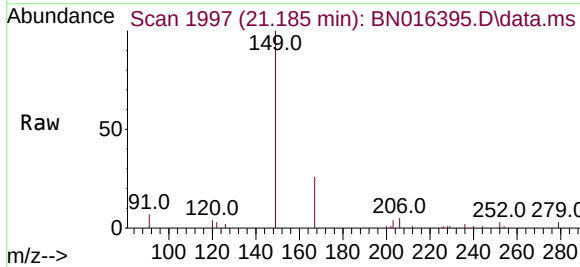
Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20210916

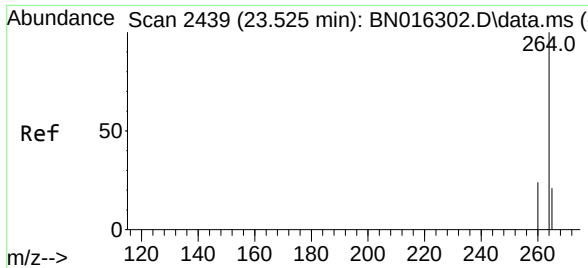
Tgt Ion:244	Resp:	100756
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.5 8.3
122	9.7	9.0 13.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. -0.010 min
 Lab File: BN016395.D
 Acq: 22 Sep 2021 04:13

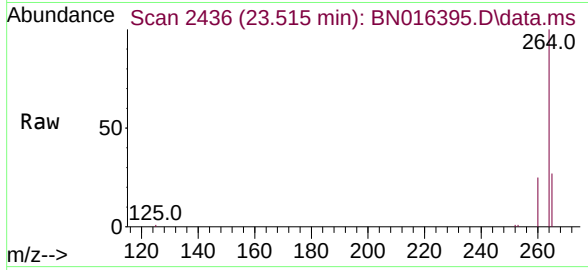
Tgt Ion:149	Resp:	8231
Ion Ratio	Lower	Upper
149	100	
167	27.1	23.4 35.0
279	4.4	3.9 5.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.515 min Scan# 2436
 Delta R.T. -0.007 min
 Lab File: BN016395.D
 Acq: 22 Sep 2021 04:13

Instrument :
 BNA_N
 ClientSampleId :
 RE134D4-20210916



Tgt Ion:264 Resp: 79311

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	26.8	23.7	35.5

