

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
 Data File : BN016625.D
 Acq On : 01 Oct 2021 07:47
 Operator : CG/JU
 Sample : M3833-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20210920

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Quant Time: Oct 01 08:26:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 30 17:56:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29688	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	135739	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	72283	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	139974	0.40	ng	#-0.01
29) Chrysene-d12	21.227	240	131407	0.40	ng	#-0.01
35) Perylene-d12	23.481	264	133934	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	12043	0.16	ng	0.02
5) Phenol-d6	6.831	99	7335	0.09	ng	0.00
8) Nitrobenzene-d5	8.784	82	27316	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	69135	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	10377	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	102170	0.35	ng	-0.01
27) Fluoranthene-d10	19.063	212	151070	0.41	ng	0.00
31) Terphenyl-d14	19.679	244	131876	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	50466	3.69	ng	# 86
25) Phenanthrene	17.066	178	13066m	0.03	ng	
34) Bis(2-ethylhexyl)phtha...	21.164	149	25463	0.16	ng	100

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

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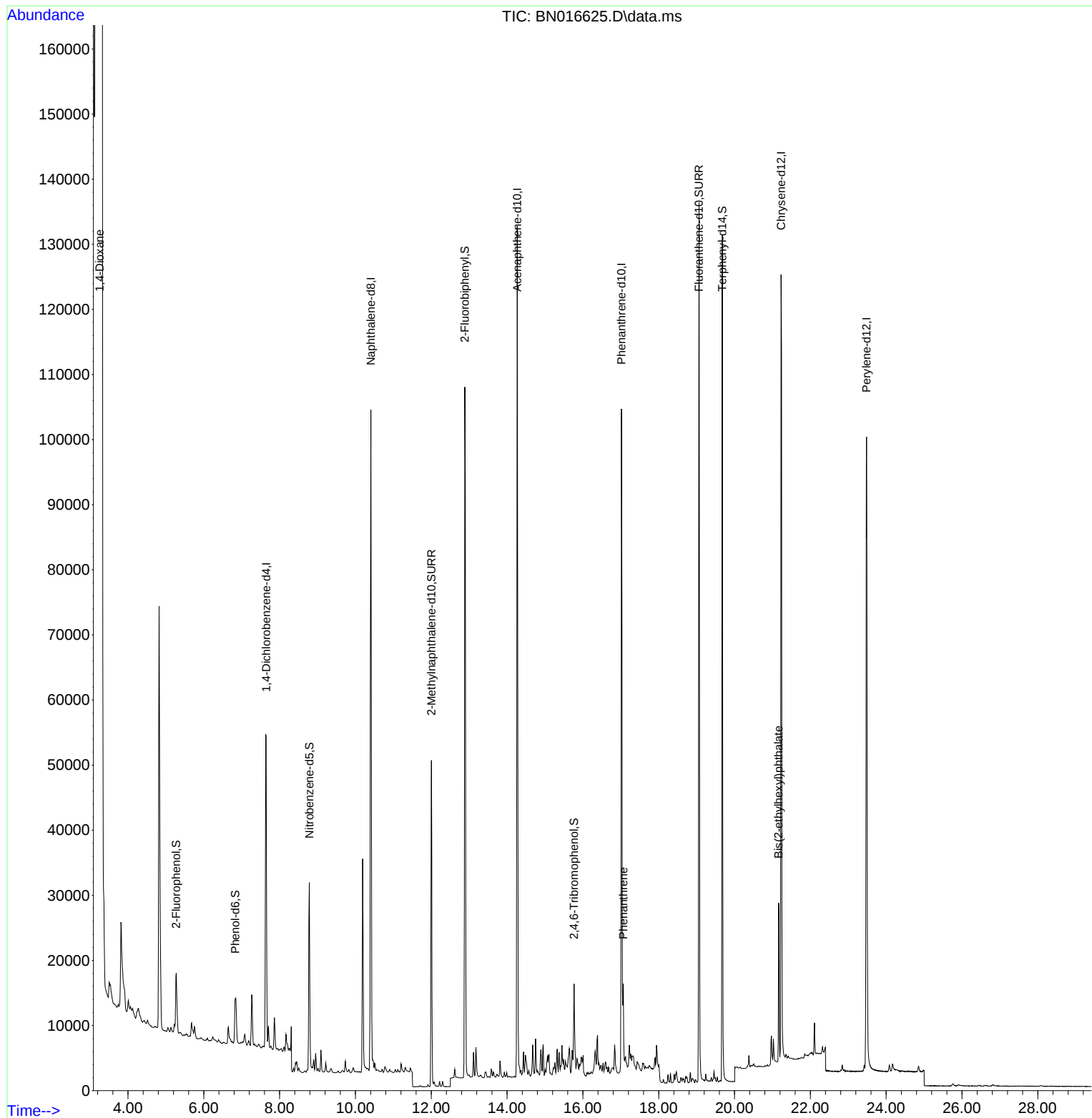
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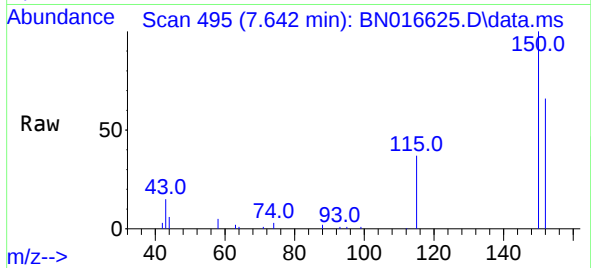
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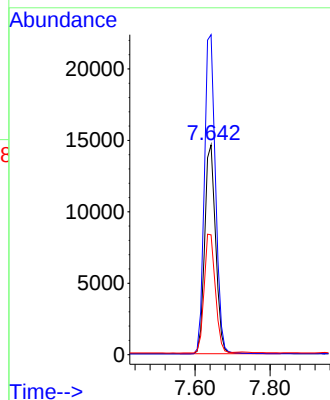




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion:152 Resp: 29688
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 57.1 46.5 69.7

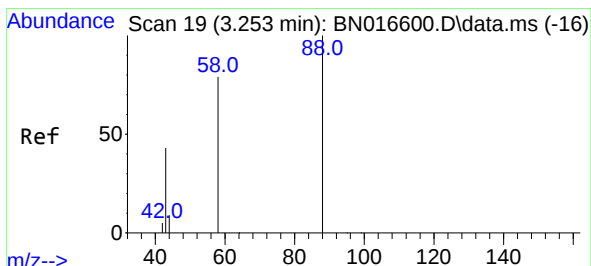


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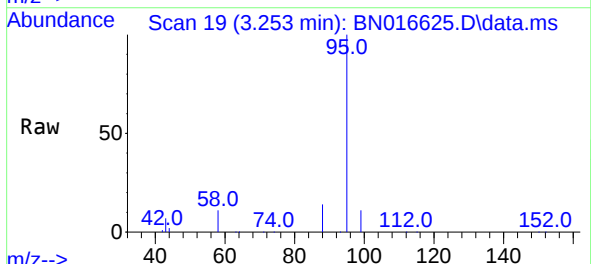
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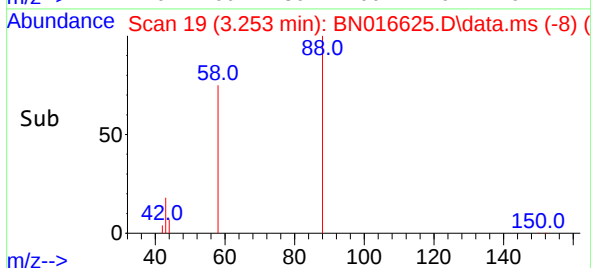
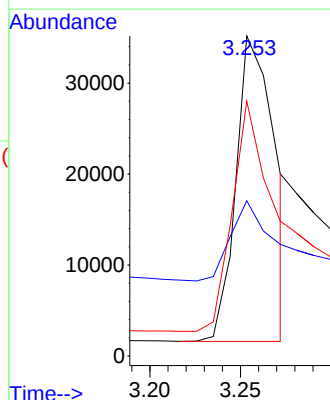
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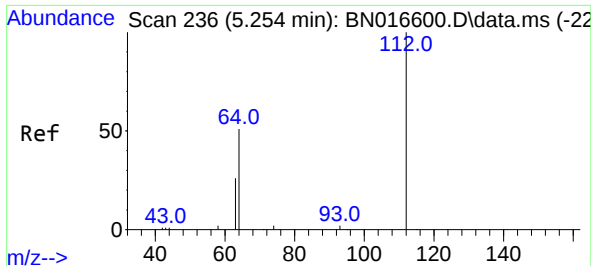


#2
1,4-Dioxane
Concen: 3.69 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion: 88 Resp: 50466
Ion Ratio Lower Upper
88 100
43 26.0 37.8 56.8#
58 73.3 61.3 91.9





#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.019 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

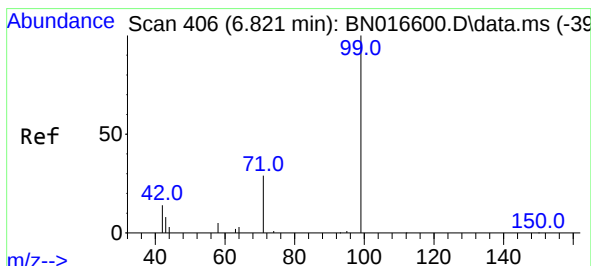
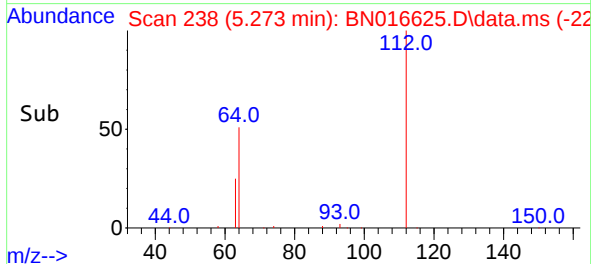
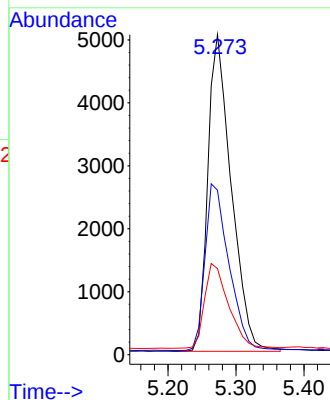
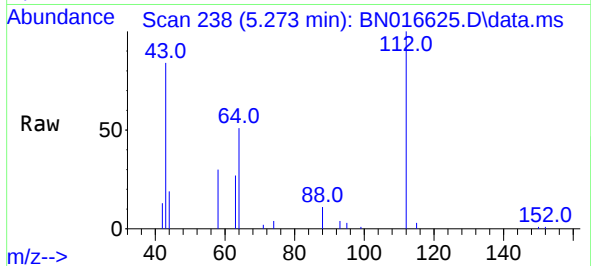
Tgt Ion: 112 Resp: 12043
Ion Ratio Lower Upper
112 100
64 53.9 43.1 64.7
63 27.7 21.6 32.4

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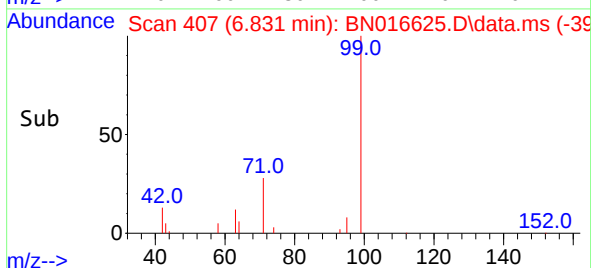
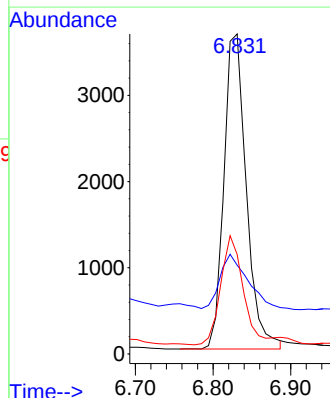
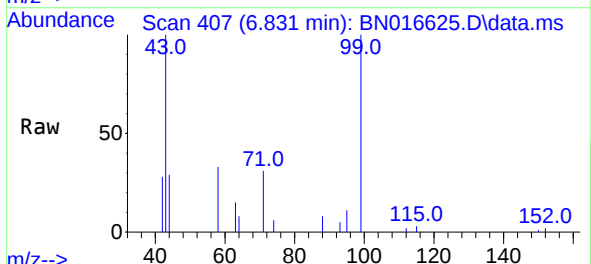
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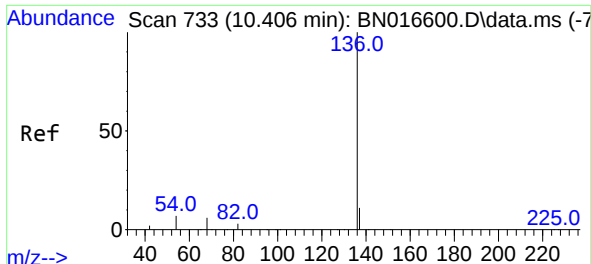
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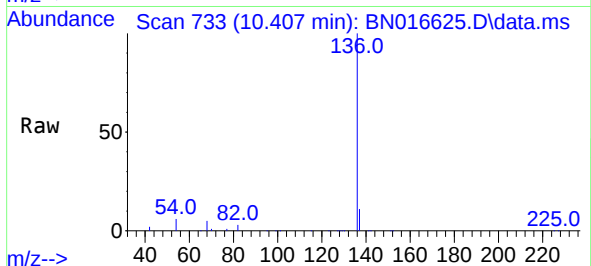
#5
Phenol-d6
Concen: 0.09 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.010 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

Tgt Ion: 99 Resp: 7335
Ion Ratio Lower Upper
99 100
42 21.0 13.0 19.6#
71 35.2 23.5 35.3



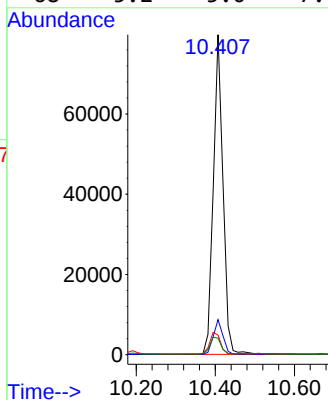
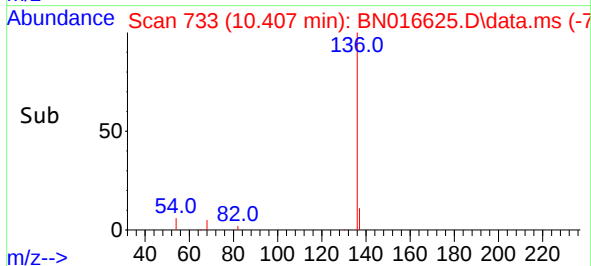


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion: 136 Resp: 135739

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.2	5.9	8.9
68	5.2	5.0	7.6

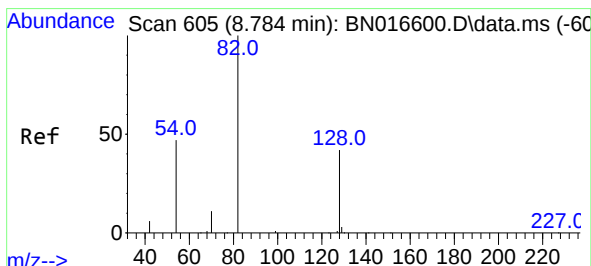


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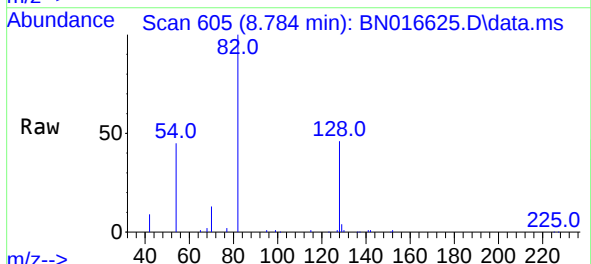
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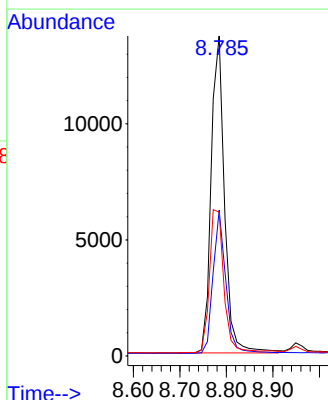
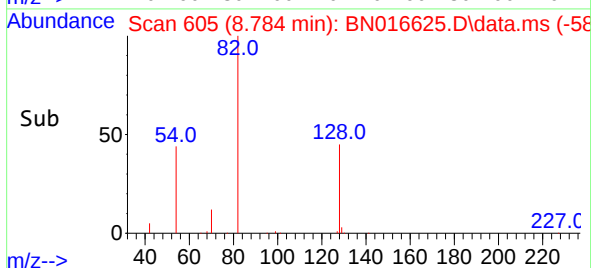


#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion: 82 Resp: 27316

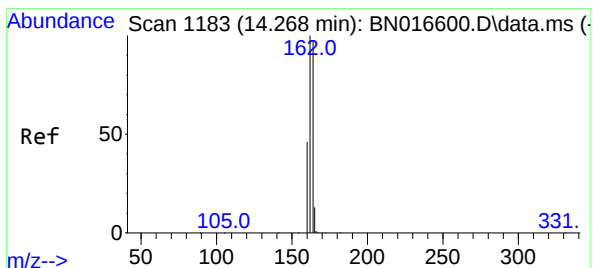
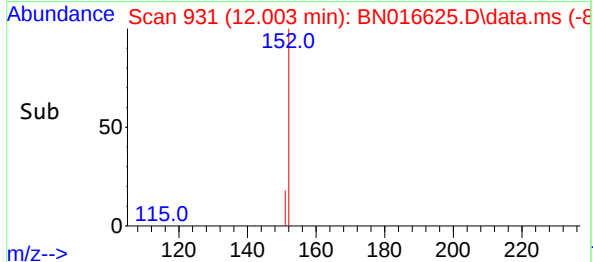
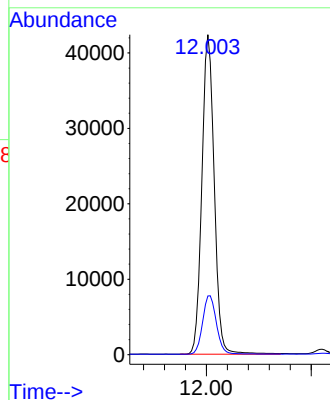
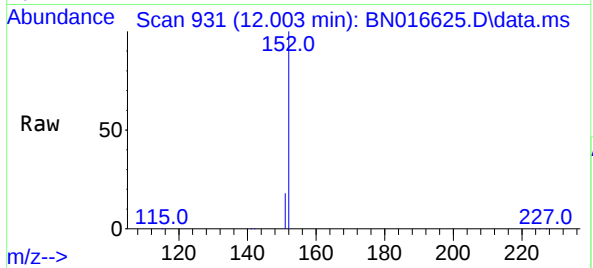
Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.6	50.4
54	45.0	37.6	56.4





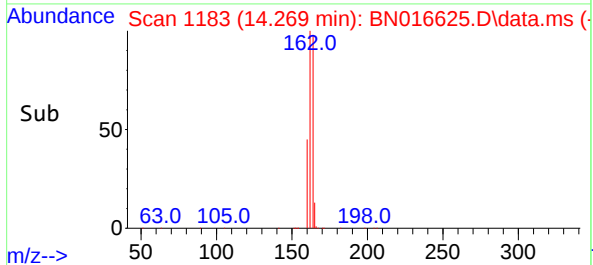
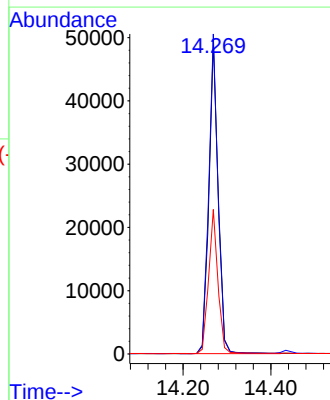
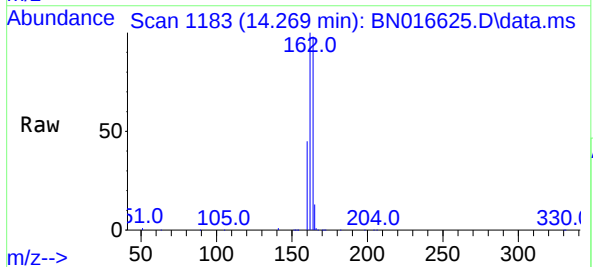
#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

Tgt Ion:152 Resp: 69135
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

Tgt Ion:164 Resp: 72283
Ion Ratio Lower Upper
164 100
162 102.0 82.2 123.2
160 46.1 37.7 56.5

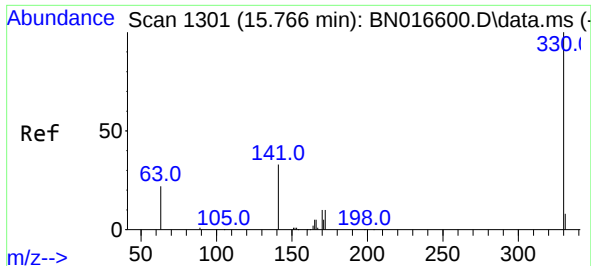


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#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

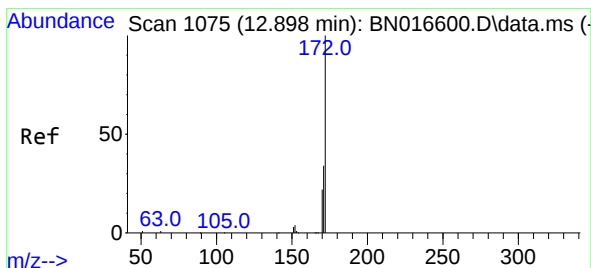
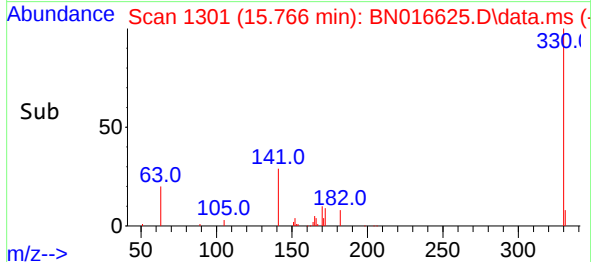
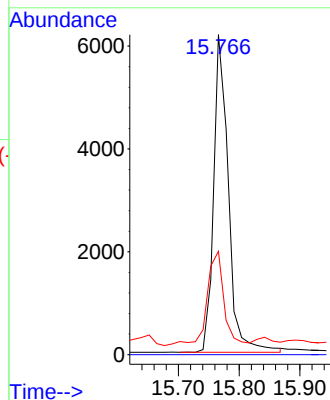
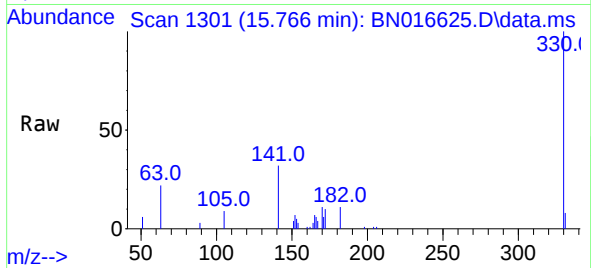
Tgt Ion: 330 Resp: 10377
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 25.2 37.8

Instrument :
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ClientSampleId :
RE122D1-20210920

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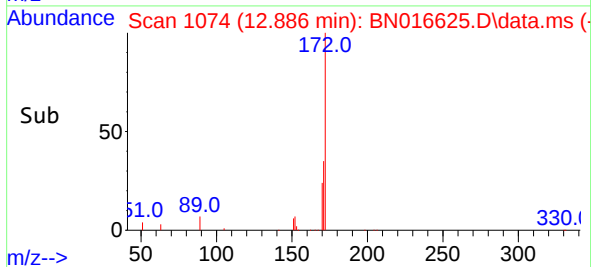
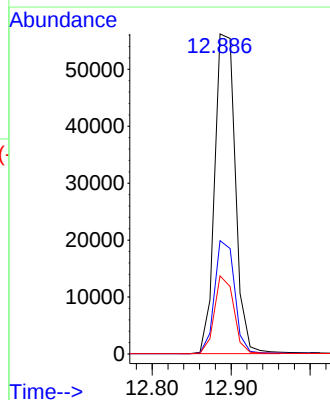
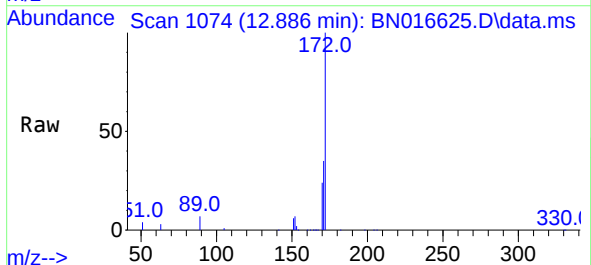
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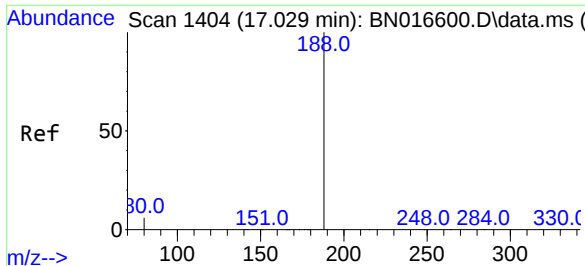
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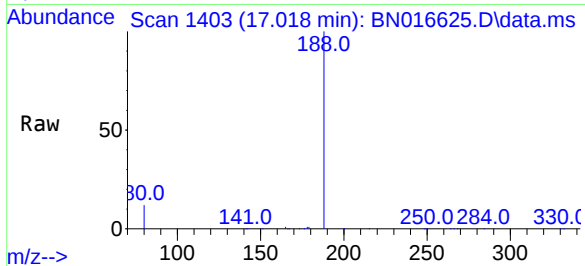
#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

Tgt Ion: 172 Resp: 102170
Ion Ratio Lower Upper
172 100
171 35.4 27.0 40.4
170 24.4 17.4 26.2

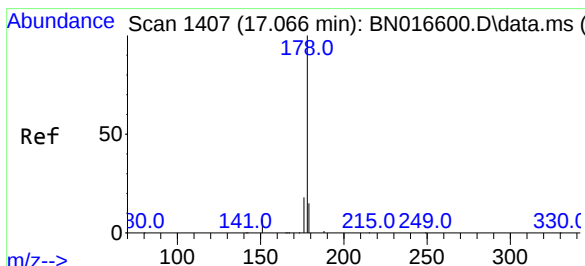
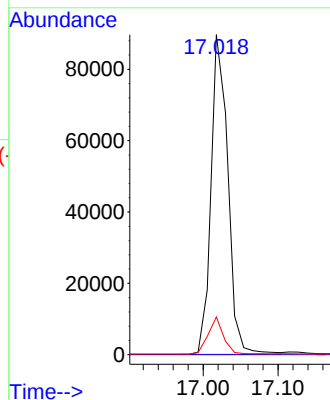
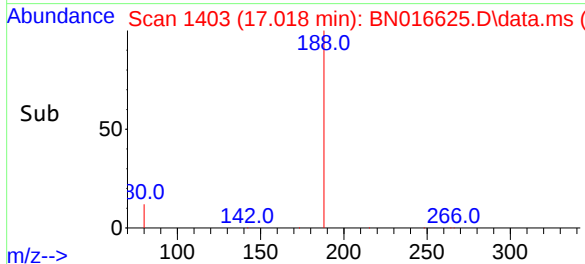




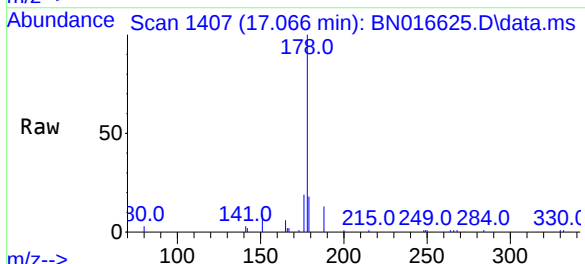
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Phenanthrene-d10
Concen: 0.40 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



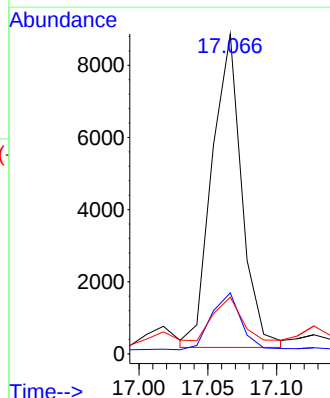
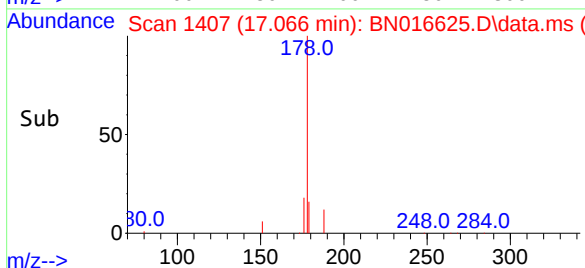
Tgt Ion:188 Resp: 139974
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 5.0 7.6#



#25
Phenanthrene
Concen: 0.03 ng m
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion:178 Resp: 13066
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 24.8 12.2 18.4#

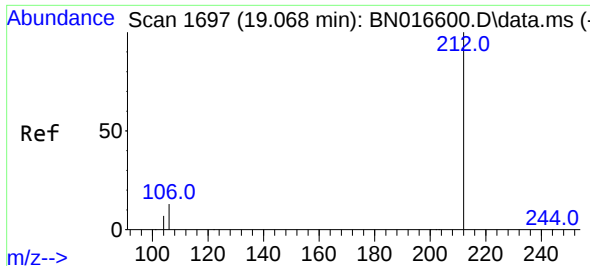


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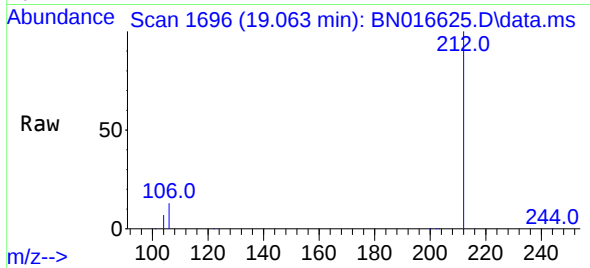
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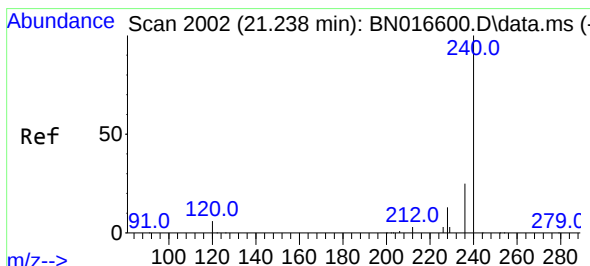
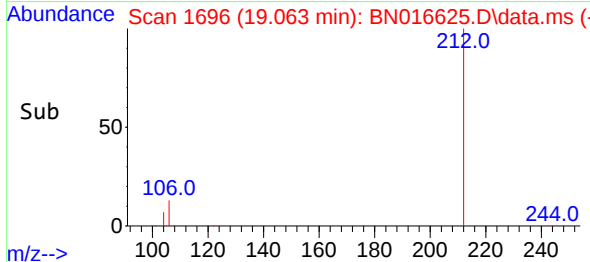
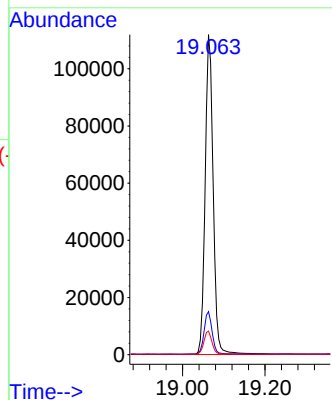
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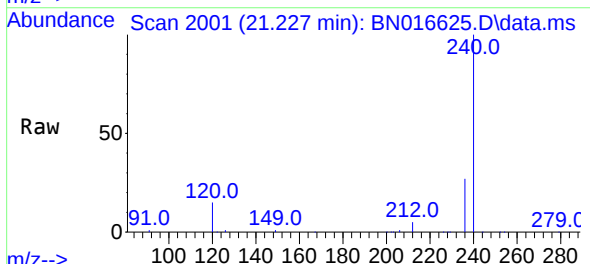
#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



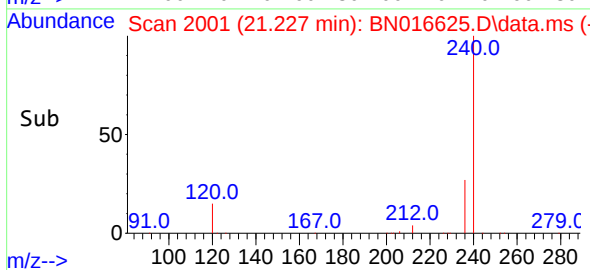
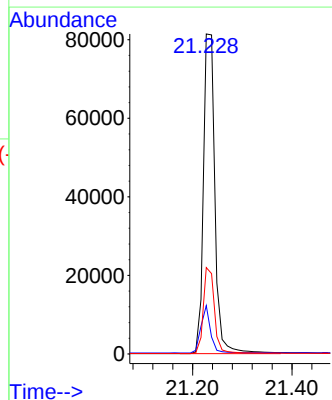
Tgt Ion:212 Resp: 151070
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.3 5.9 8.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion:240 Resp: 131407
Ion Ratio Lower Upper
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120 15.1 5.0 7.4#
236 27.0 20.4 30.6

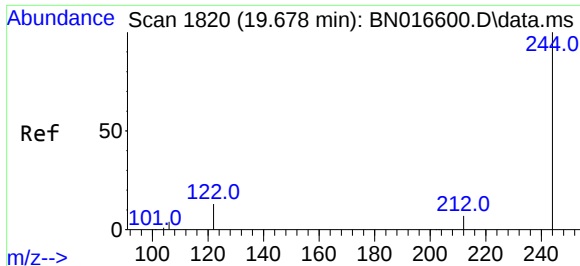


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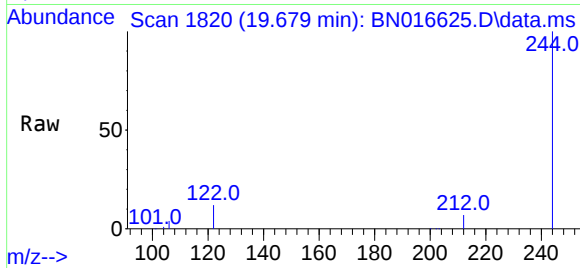
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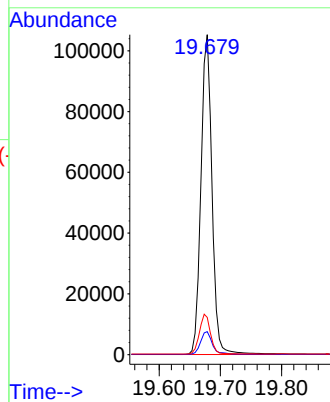
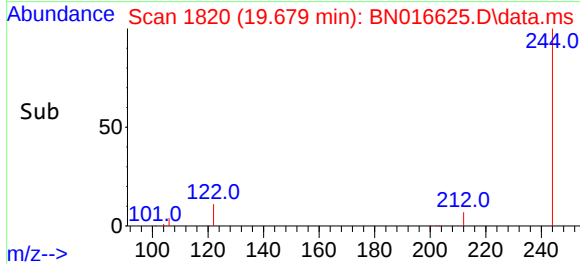
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#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47



Tgt Ion:244 Resp: 131876
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.7 10.1 15.1

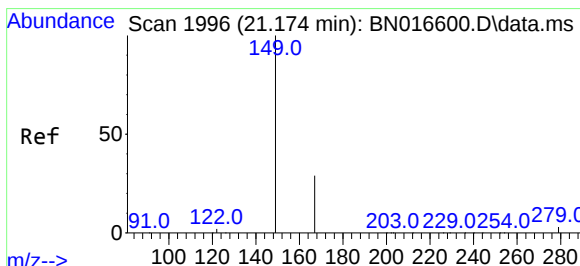


Instrument :
BNA_N
ClientSampleId :
RE122D1-20210920

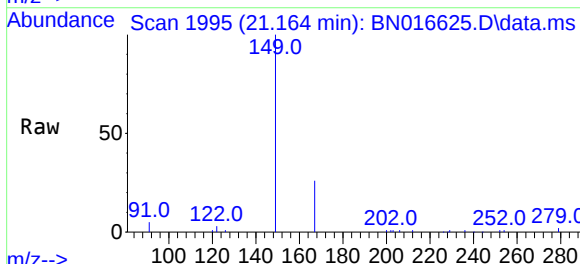
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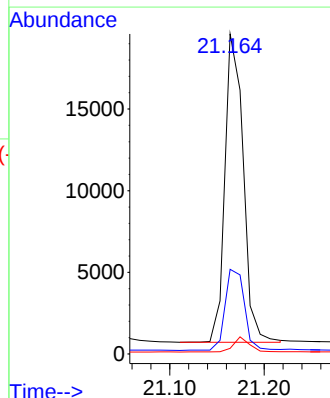
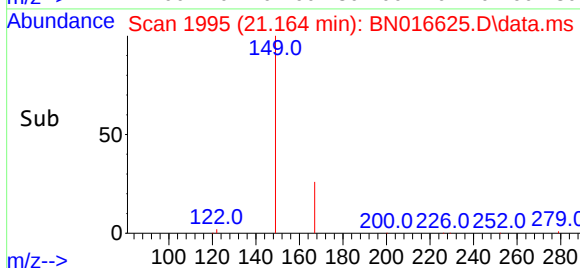
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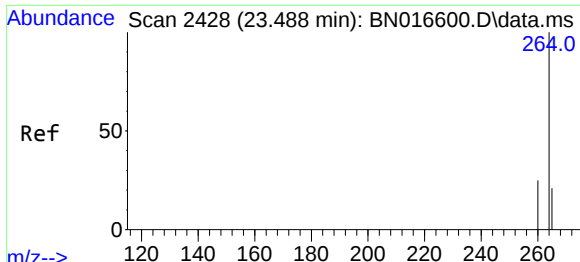


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016625.D
Acq: 01 Oct 2021 07:47

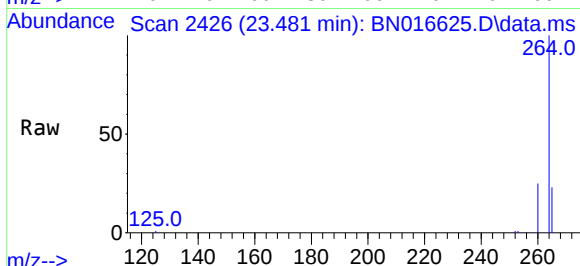


Tgt Ion:149 Resp: 25463
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.4
279 4.3 3.2 4.8

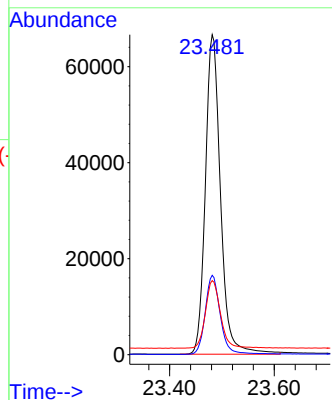
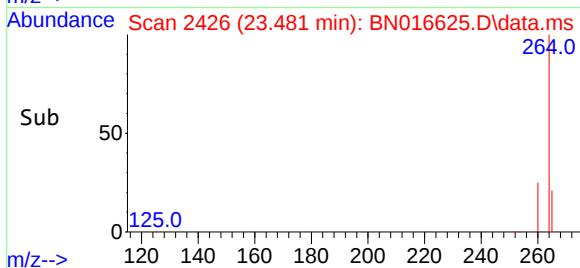




#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.481 min Scan# 2426
 Delta R.T. -0.006 min
 Lab File: BN016625.D
 Acq: 01 Oct 2021 07:47



Tgt Ion:	264	Resp:	133934
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.9	29.9
265	23.1	19.2	28.8



Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20210920

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