

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016778.D
 Acq On : 06 Oct 2021 14:25
 Operator : CG/JU
 Sample : PB139585BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB139585BL

Quant Time: Oct 06 15:05:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

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

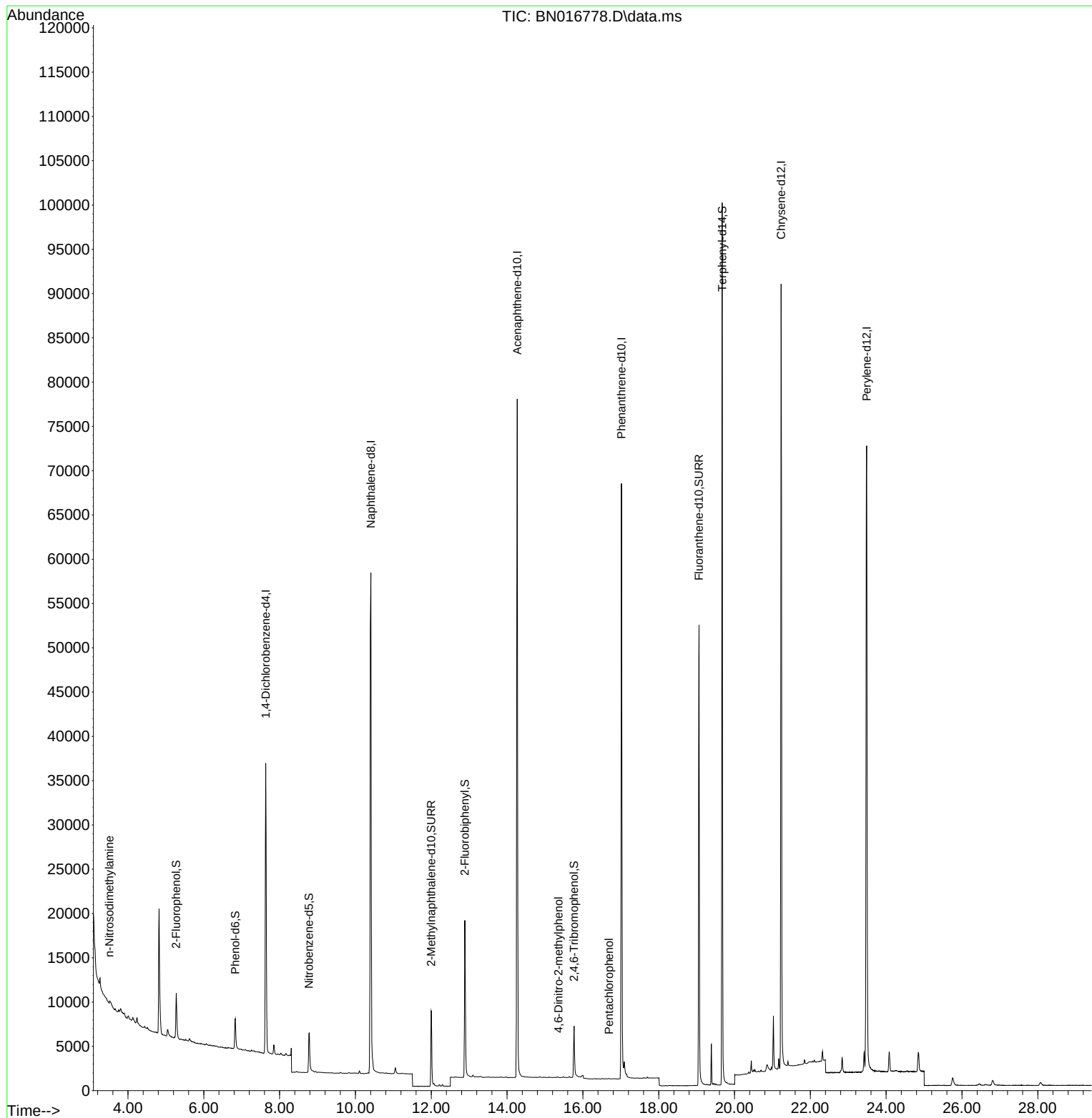
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	18770	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	85985	0.400	ng	# 0.00
13) Acenaphthene-d10	14.269	164	46624	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	91146	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	89124	0.400	ng	# 0.00
35) Perylene-d12	23.484	264	98107	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	5121	0.107	ng	0.03
5) Phenol-d6	6.831	99	4370	0.082	ng	0.02
8) Nitrobenzene-d5	8.772	82	5173	0.086	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	13343	0.104	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	5578	0.324	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	16843	0.090	ng	0.00
27) Fluoranthene-d10	19.063	212	61281	0.246	ng	0.00
31) Terphenyl-d14	19.673	244	100062	0.502	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.511	42	487	0.034	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.360	198	2	0.266	ng	# 1
24) Pentachlorophenol	16.689	266	58	0.340	ng	91

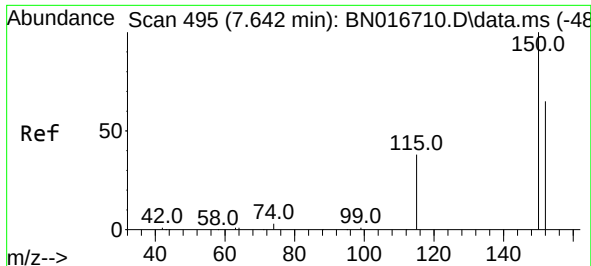
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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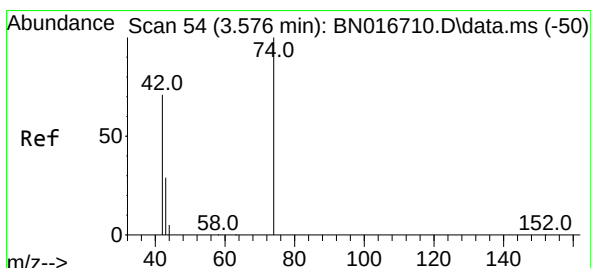
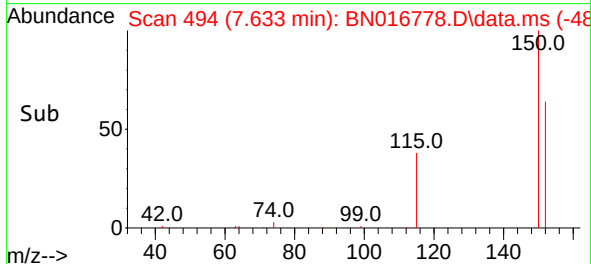
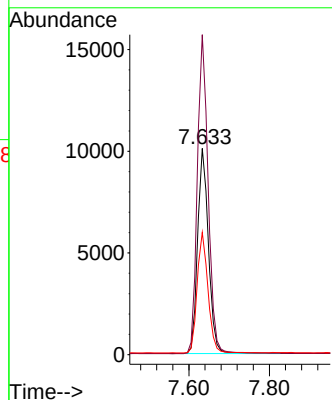
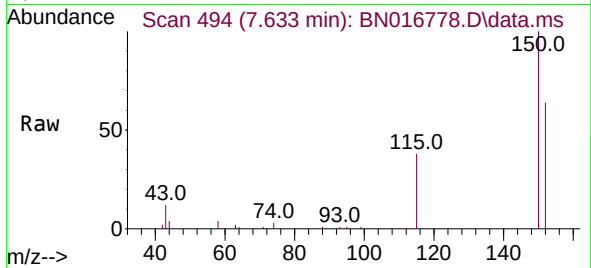




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

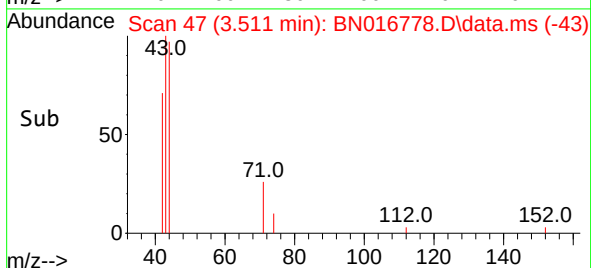
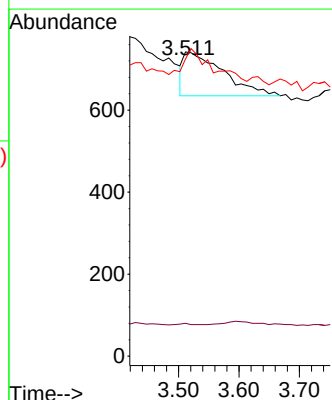
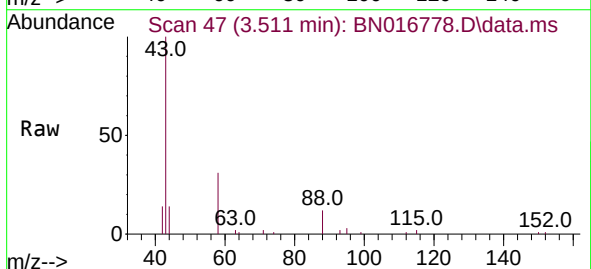
Instrument :
BNA_N
ClientSampleId :
PB139585BL

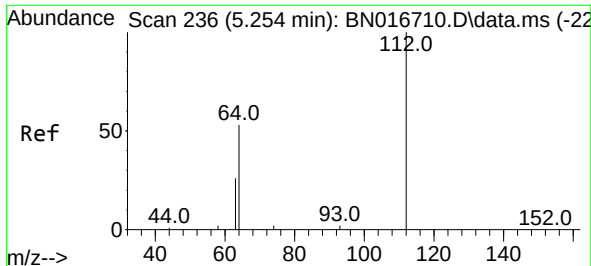
Tgt Ion:152 Resp: 18770
Ion Ratio Lower Upper
152 100
150 155.2 123.3 184.9
115 59.3 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.511 min Scan# 47
Delta R.T. -0.065 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

Tgt Ion: 42 Resp: 487
Ion Ratio Lower Upper
42 100
74 0.4 124.0 186.0#
44 19.7 5.6 8.4#

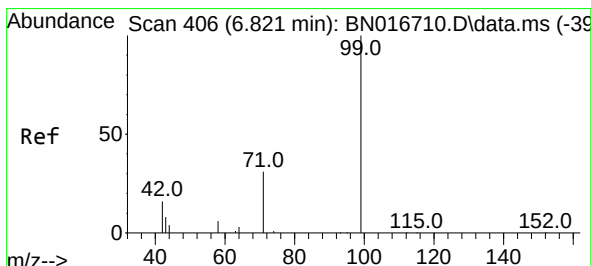
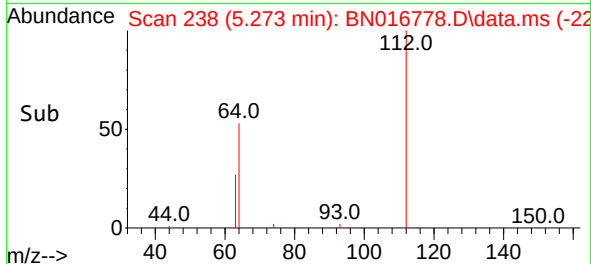
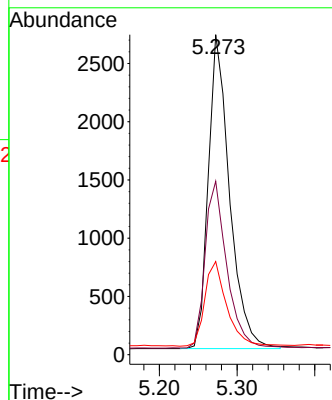
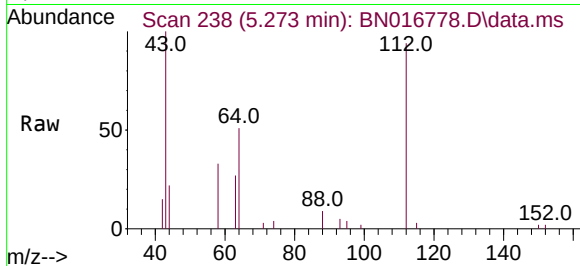




#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.028 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

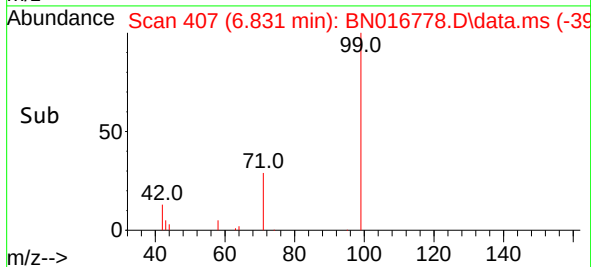
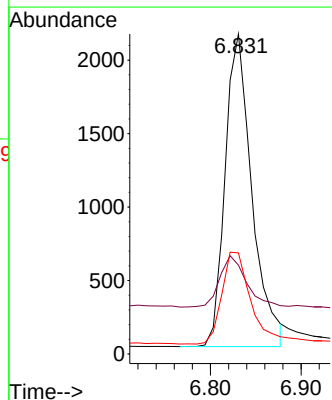
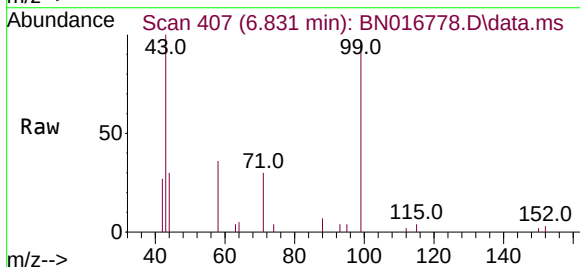
Instrument :
BNA_N
ClientSampleId :
PB139585BL

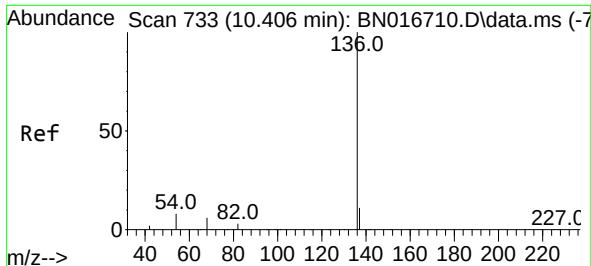
Tgt Ion:112	Resp:	5121
Ion	Ratio	Lower Upper
112	100	
64	54.2	42.9 64.3
63	27.9	21.5 32.3



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.018 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

Tgt Ion: 99	Resp:	4370
Ion	Ratio	Lower Upper
99	100	
42	16.3	13.4 20.2
71	31.4	24.0 36.0

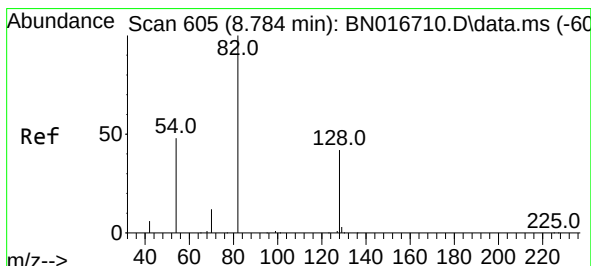
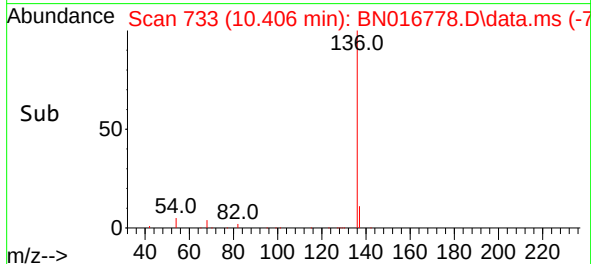
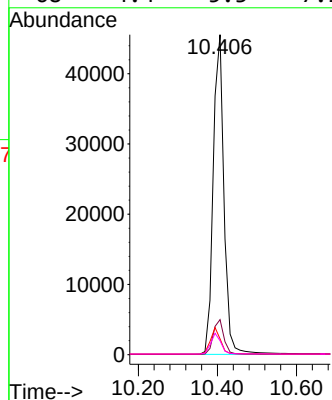
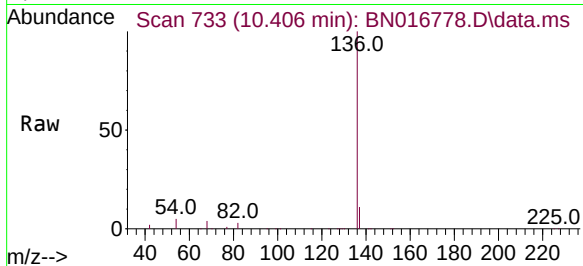




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

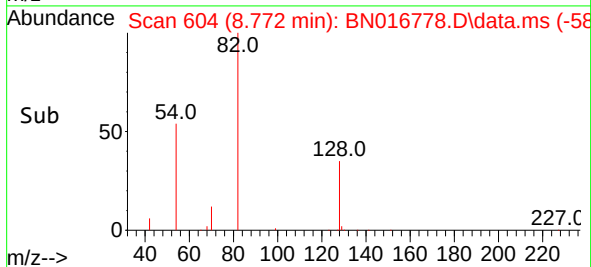
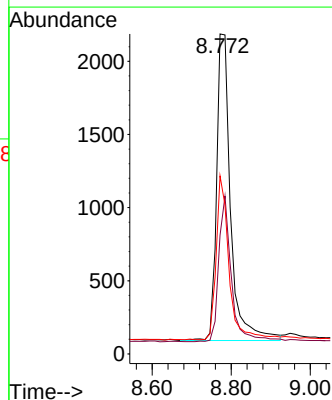
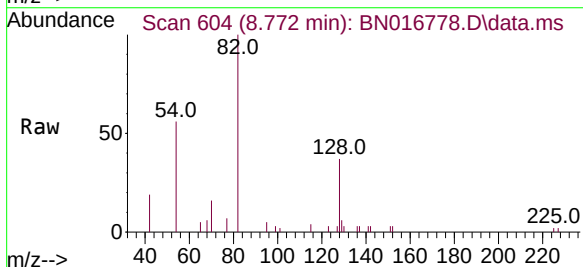
Instrument :
BNA_N
ClientSampleId :
PB139585BL

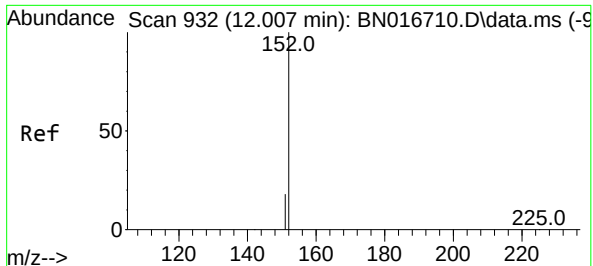
Tgt Ion:136	Resp:	85985
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	5.0	6.5 9.7#
68	4.4	5.3 7.9#



#8
Nitrobenzene-d5
Concen: 0.086 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

Tgt Ion: 82	Resp:	5173
Ion Ratio	Lower	Upper
82	100	
128	37.1	33.8 50.6
54	55.6	38.5 57.7

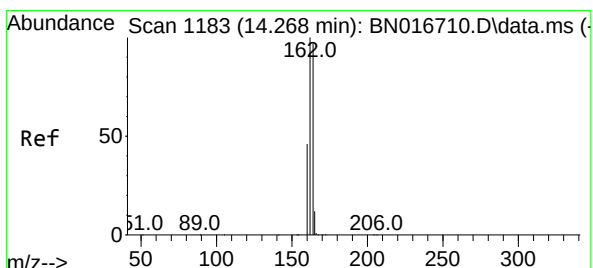
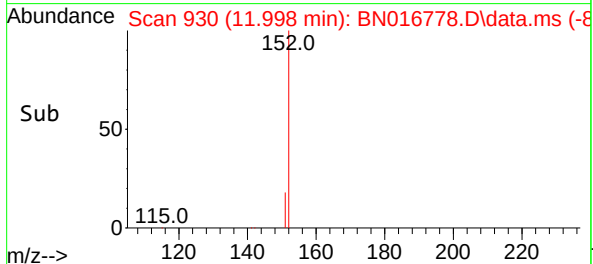
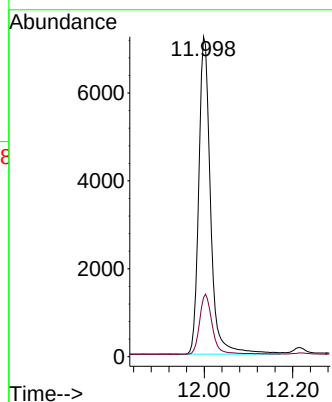
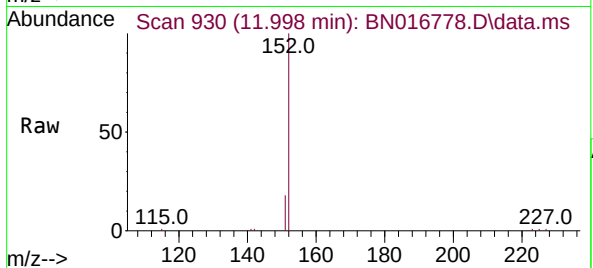




#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 11.998 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

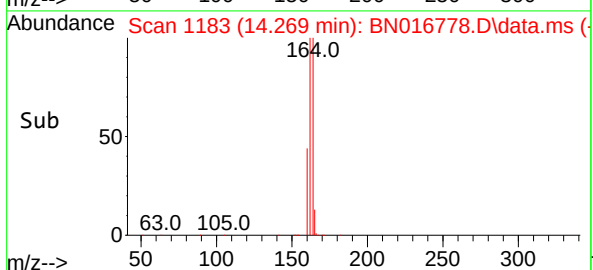
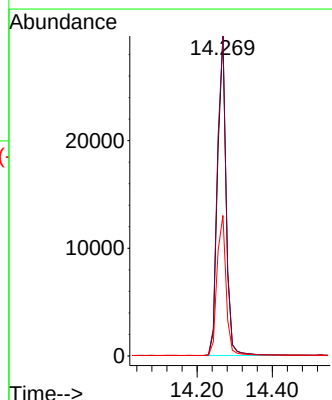
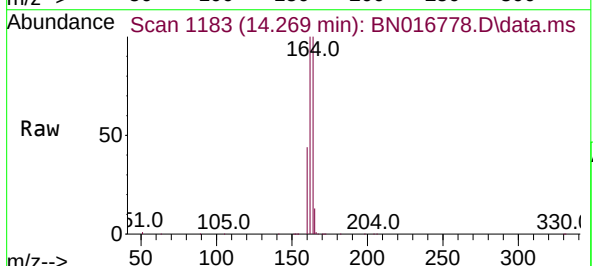
Instrument :
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ClientSampleId :
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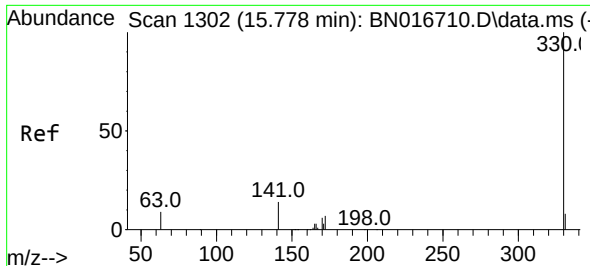
Tgt Ion:152 Resp: 13343
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

Tgt Ion:164 Resp: 46624
Ion Ratio Lower Upper
164 100
162 100.1 82.6 124.0
160 44.0 38.2 57.2

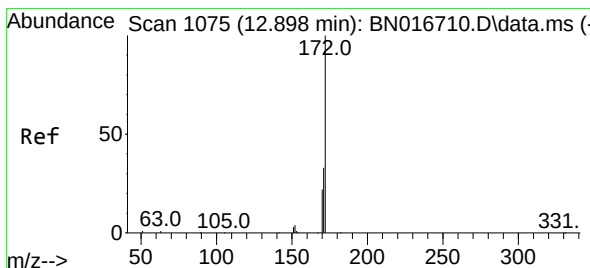
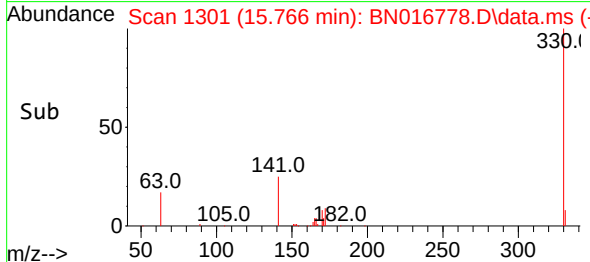
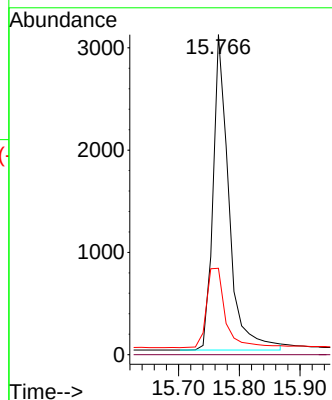
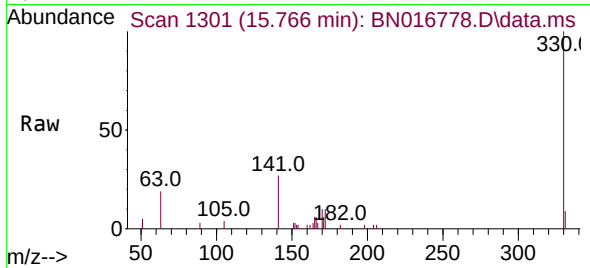




#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

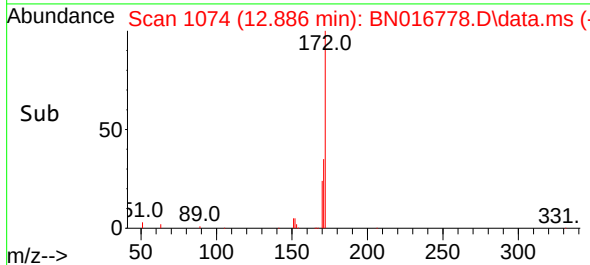
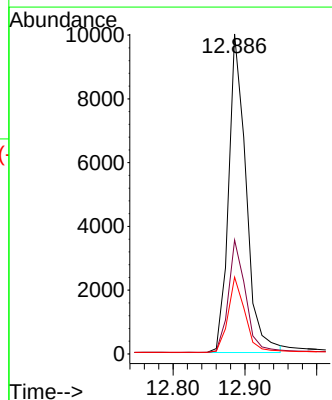
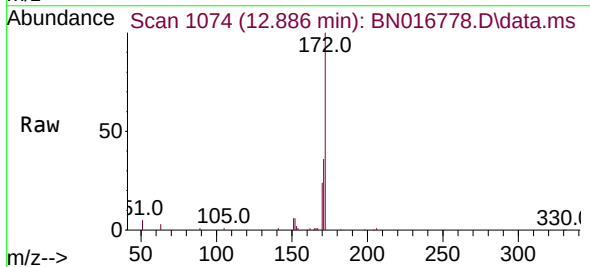
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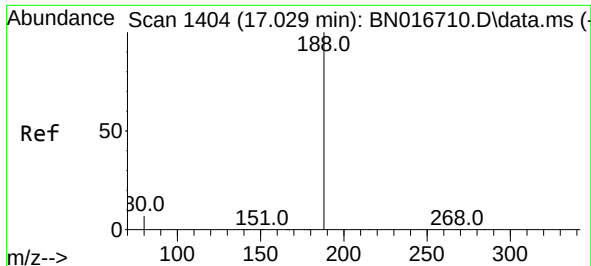
Tgt Ion:330 Resp: 5578
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.9 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.090 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

Tgt Ion:172 Resp: 16843
Ion Ratio Lower Upper
172 100
171 35.6 26.9 40.3
170 24.0 17.4 26.0

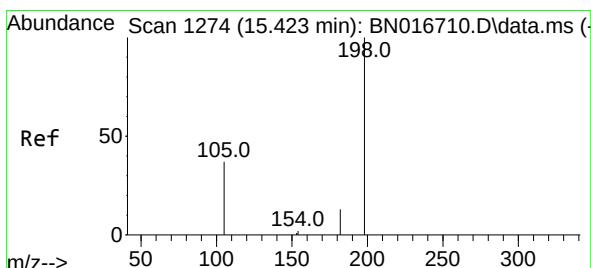
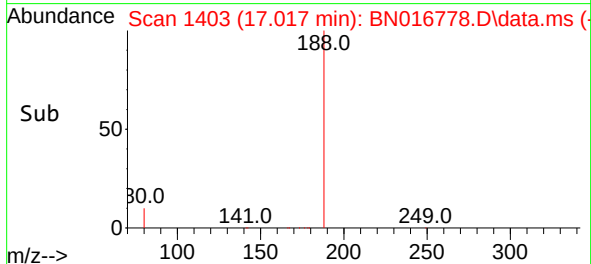
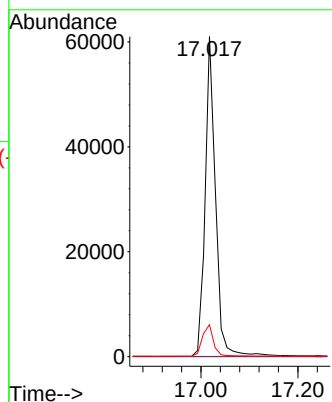
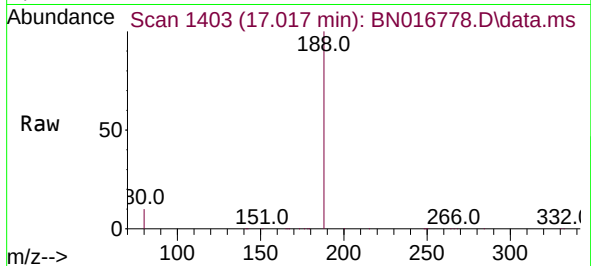




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

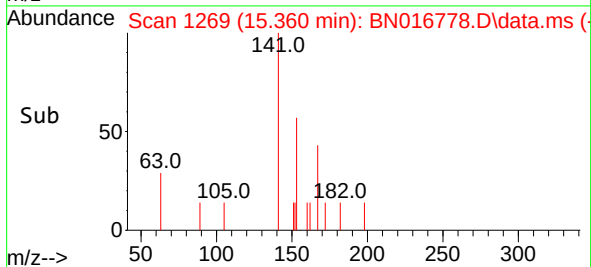
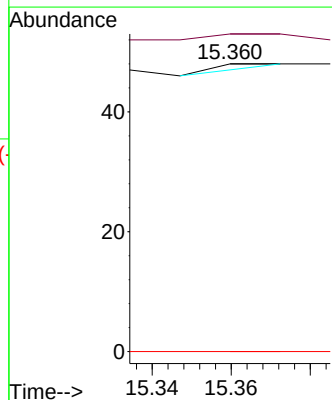
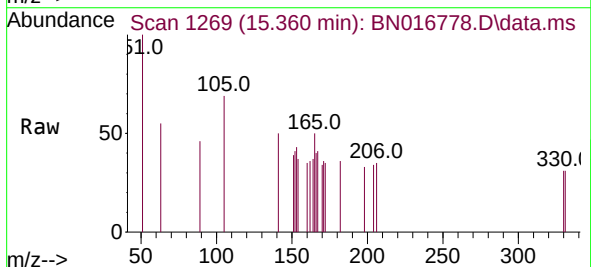
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ClientSampleId :
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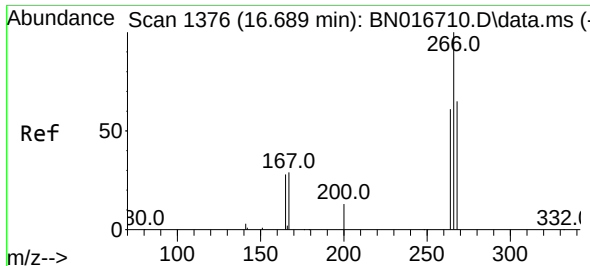
Tgt Ion:188 Resp: 91146
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 5.8 8.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.266 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.051 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 110.4 26.2 39.2#
77 0.0 0.0 0.0

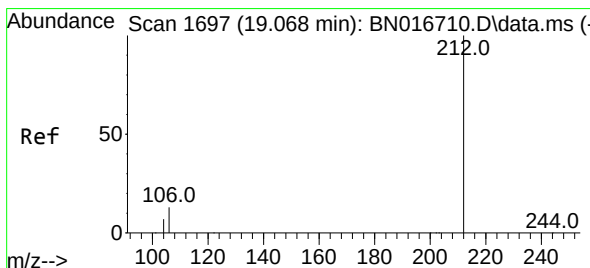
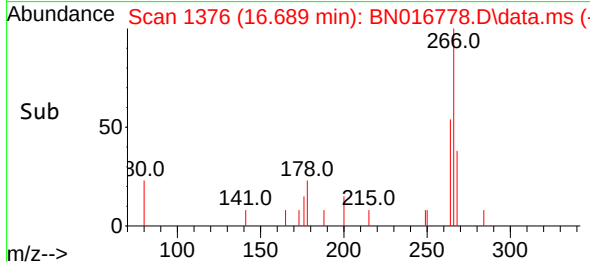
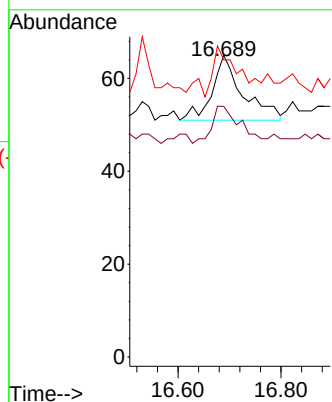
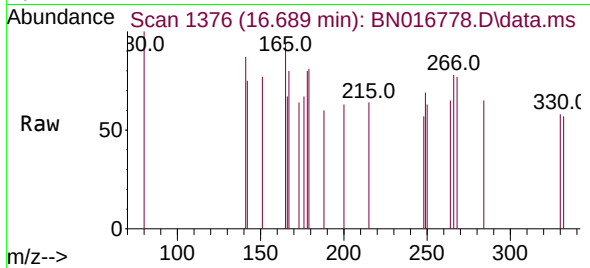




#24
 Pentachlorophenol
 Concen: 0.340 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. 0.012 min
 Lab File: BN016778.D
 Acq: 06 Oct 2021 14:25

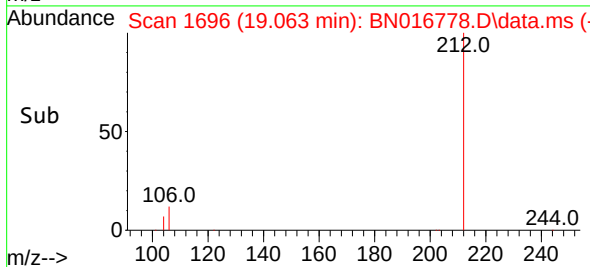
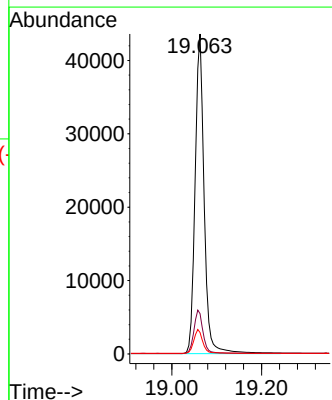
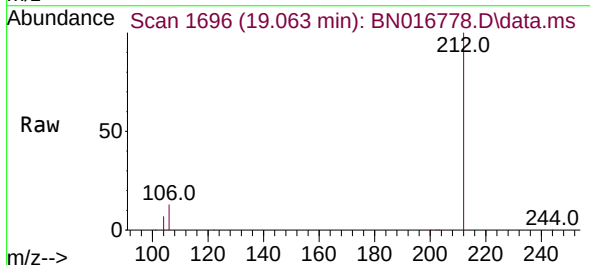
Instrument :
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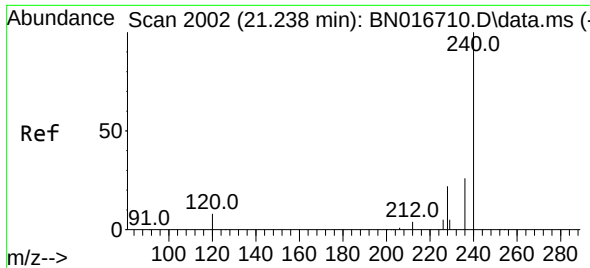
Tgt Ion:	266	Resp:	58
Ion Ratio	Lower	Upper	
266	100		
264	53.4	49.3	73.9
268	58.6	51.8	77.8



#27
 Fluoranthene-d10
 Concen: 0.246 ng
 RT: 19.063 min Scan# 1696
 Delta R.T. -0.000 min
 Lab File: BN016778.D
 Acq: 06 Oct 2021 14:25

Tgt Ion:	212	Resp:	61281
Ion Ratio	Lower	Upper	
212	100		
106	13.8	10.6	16.0
104	7.5	5.8	8.8

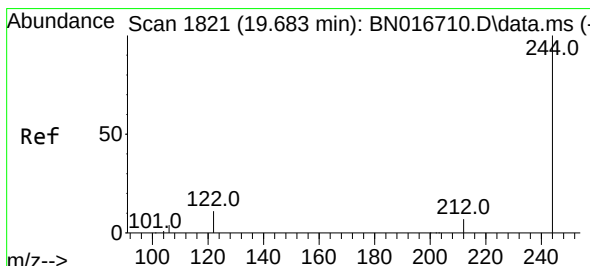
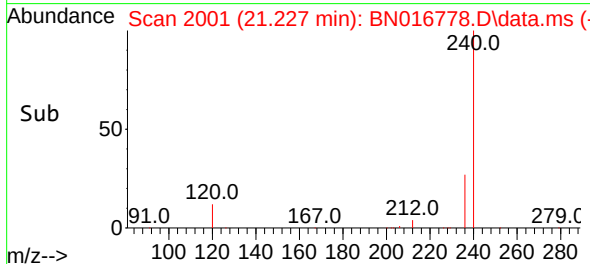
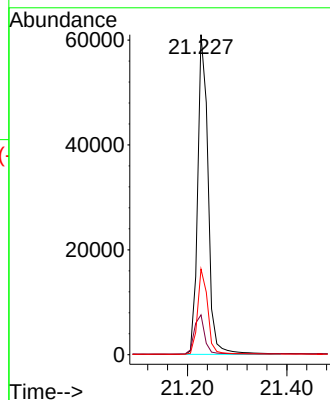
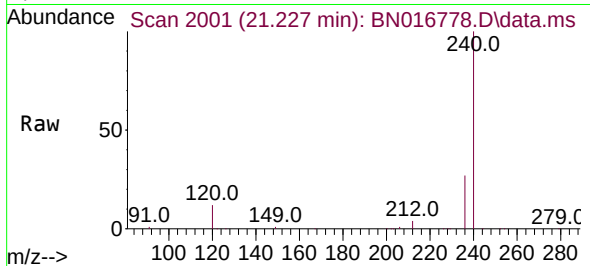




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

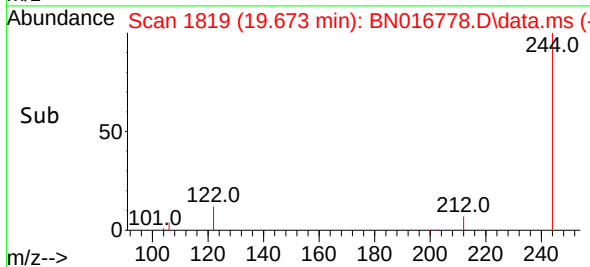
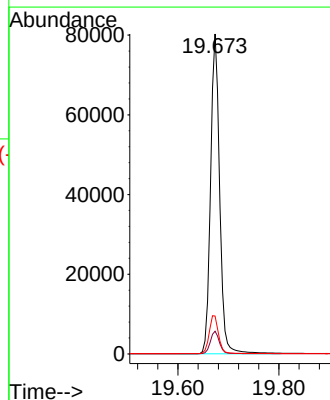
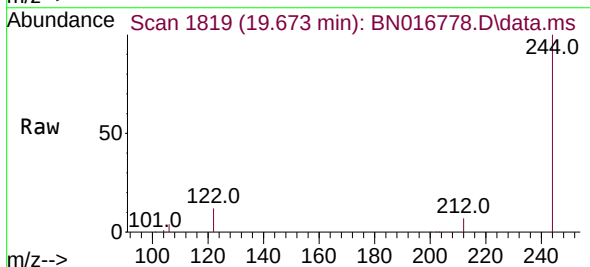
Instrument :
BNA_N
ClientSampleId :
PB139585BL

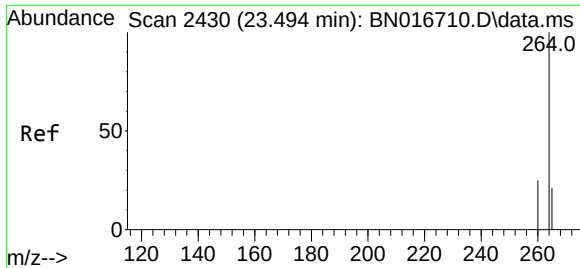
Tgt Ion:240 Resp: 89124
Ion Ratio Lower Upper
240 100
120 12.5 6.6 10.0#
236 26.7 20.7 31.1



#31
Terphenyl-d14
Concen: 0.502 ng
RT: 19.673 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN016778.D
Acq: 06 Oct 2021 14:25

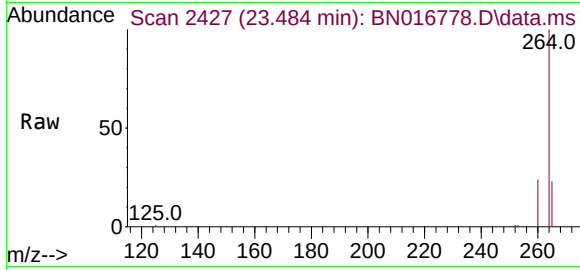
Tgt Ion:244 Resp: 100062
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.9 8.9 13.3





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.484 min Scan# 2427
 Delta R.T. 0.003 min
 Lab File: BN016778.D
 Acq: 06 Oct 2021 14:25

Instrument :
 BNA_N
 ClientSampleId :
 PB139585BL



Tgt Ion:264 Resp: 98107

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	23.2	20.3	30.5

