

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120221\
 Data File : BN017685.D
 Acq On : 02 Dec 2021 17:01
 Operator : CG/JU
 Sample : PB141127BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141127BL

Quant Time: Dec 03 02:24:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 02 01:51:49 2021
 Response via : Initial Calibration

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

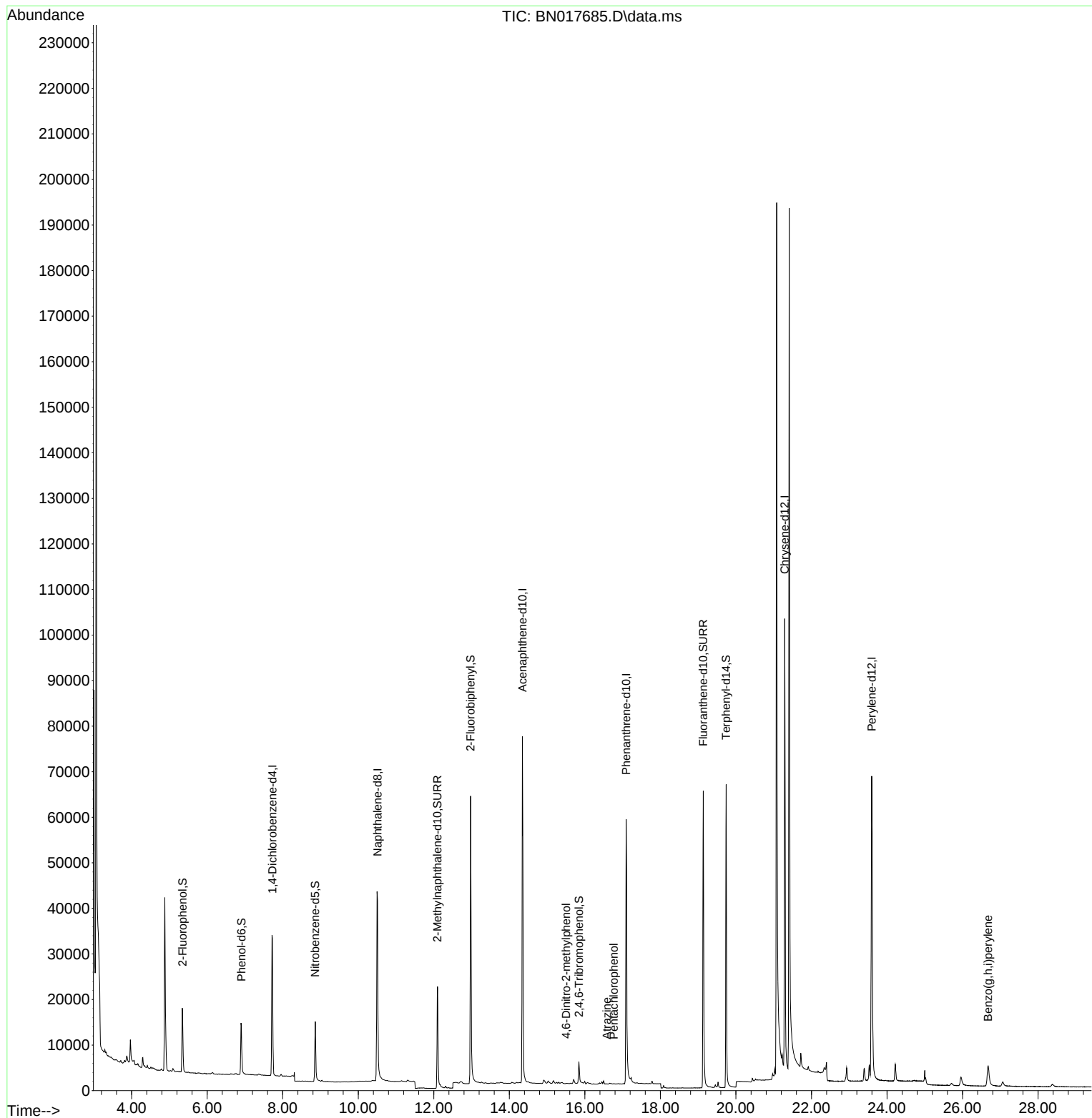
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	18544	0.400	ng	0.00
7) Naphthalene-d8	10.510	136	70236	0.400	ng	0.00
13) Acenaphthene-d10	14.346	164	48521	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	100475	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	103656	0.400	ng	# 0.01
35) Perylene-d12	23.596	264	104919	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	13582	0.322	ng	0.00
5) Phenol-d6	6.906	99	12121	0.272	ng	0.00
8) Nitrobenzene-d5	8.862	82	12284	0.412	ng	-0.01
11) 2-Methylnaphthalene-d10	12.098	152	36354	0.297	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4808	0.283	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	59403	0.315	ng	-0.01
27) Fluoranthene-d10	19.134	212	88693	0.282	ng	0.00
31) Terphenyl-d14	19.740	244	76724	0.337	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.501	198	5	0.057	ng	# 1
23) Atrazine	16.581	200	26	0.131	ng	# 1
24) Pentachlorophenol	16.764	266	82	0.195	ng	87
41) Benzo(g,h,i)perylene	26.676	276	12938	0.045	ng	# 83

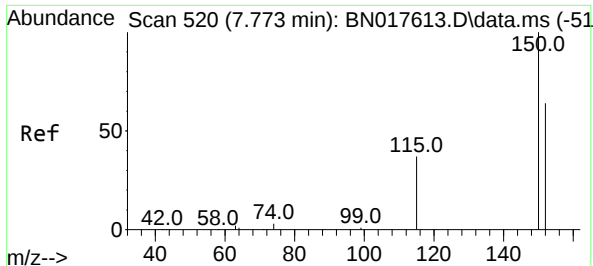
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
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QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration

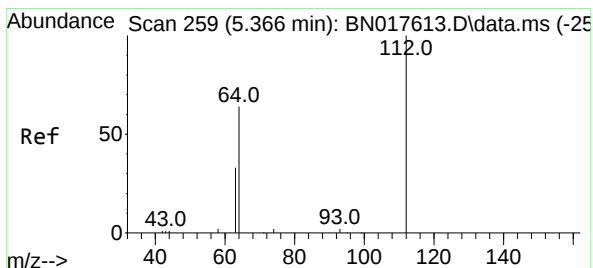
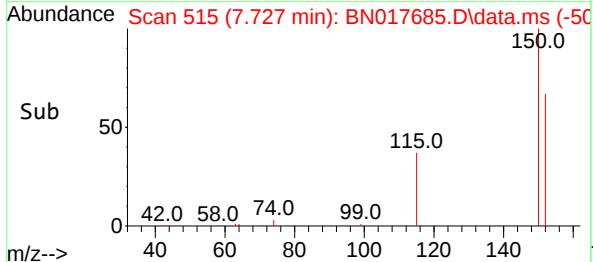
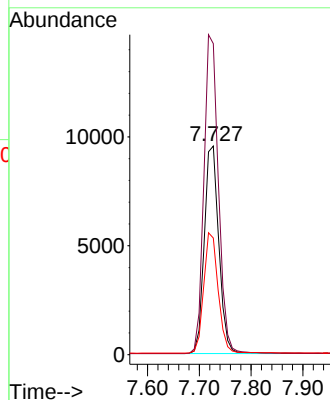
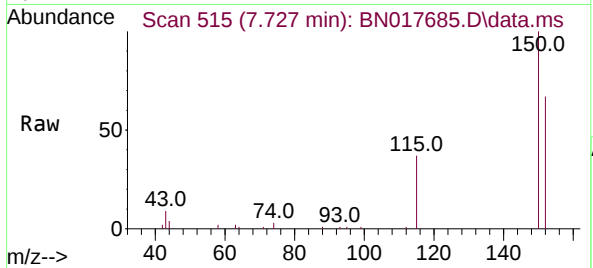




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.727 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

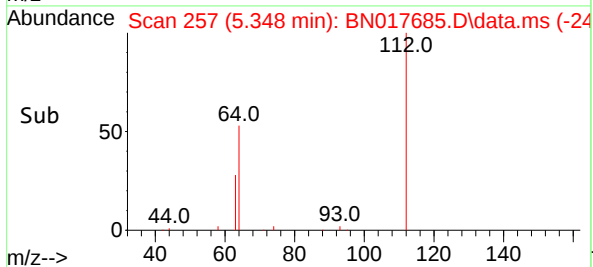
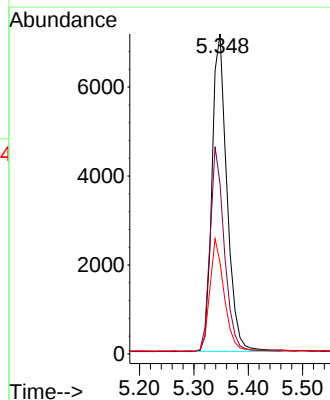
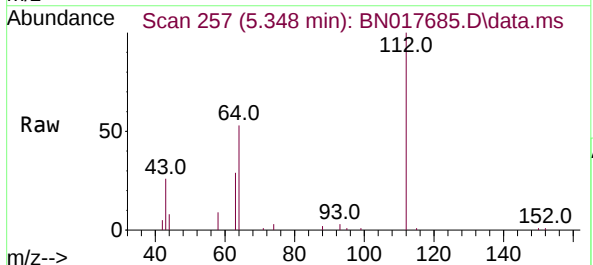
Instrument :
BNA_N
ClientSampleId :
PB141127BL

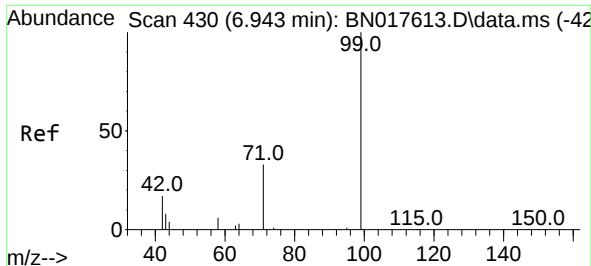
Tgt Ion:152 Resp: 18544
Ion Ratio Lower Upper
152 100
150 149.1 123.0 184.4
115 55.9 45.6 68.4



#4
2-Fluorophenol
Concen: 0.322 ng
RT: 5.348 min Scan# 257
Delta R.T. 0.000 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

Tgt Ion:112 Resp: 13582
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 33.8 24.6 37.0

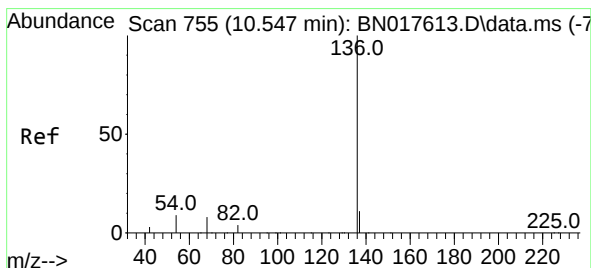
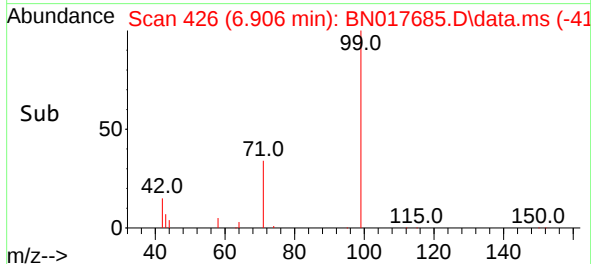
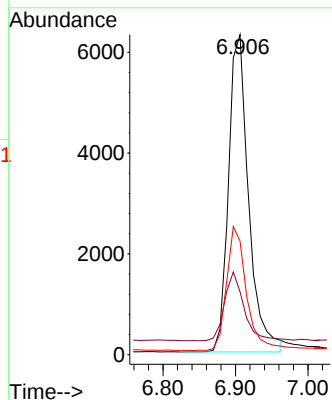
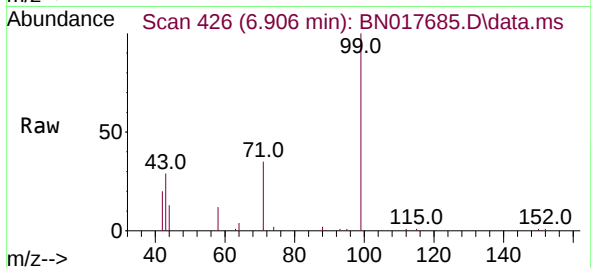




#5
Phenol-d6
Concen: 0.272 ng
RT: 6.906 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

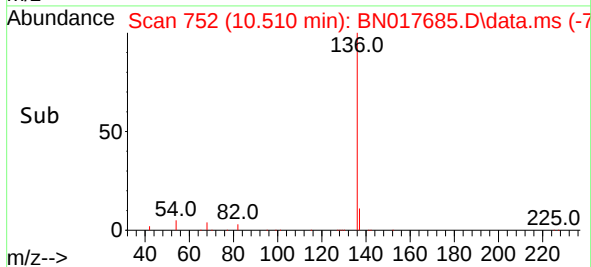
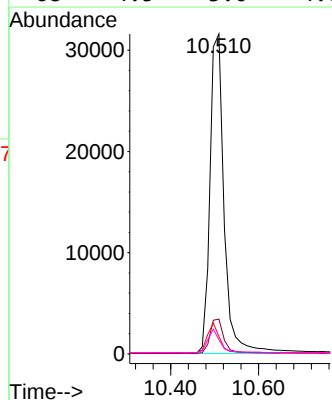
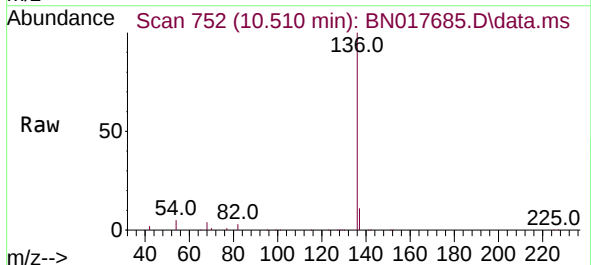
Instrument :
BNA_N
ClientSampleId :
PB141127BL

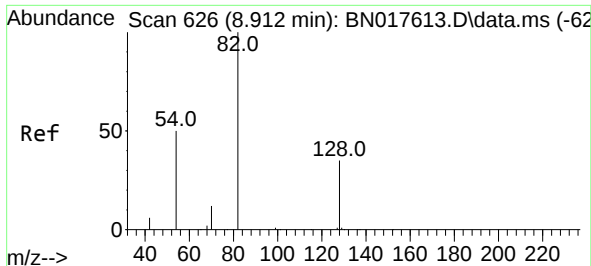
Tgt Ion: 99 Resp: 12121
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.6
71 38.7 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

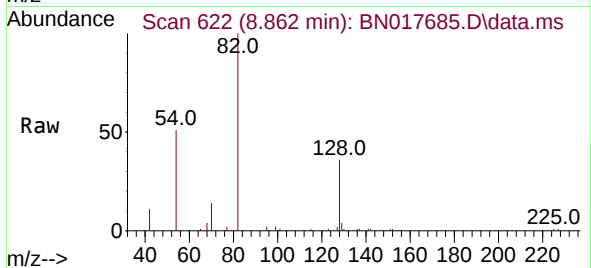
Tgt Ion: 136 Resp: 70236
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 5.4 4.0 6.0
68 4.5 3.0 4.6



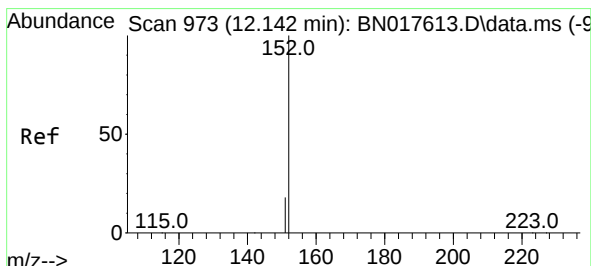
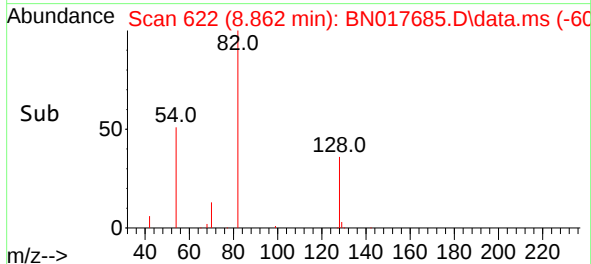
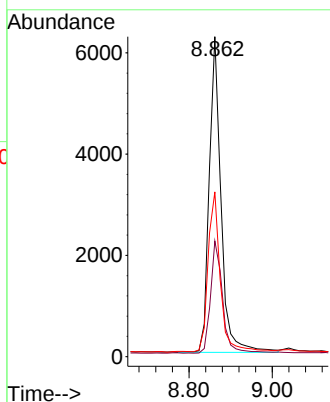


#8
Nitrobenzene-d5
Concen: 0.412 ng
RT: 8.862 min Scan# 61
Delta R.T. -0.012 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141127BL

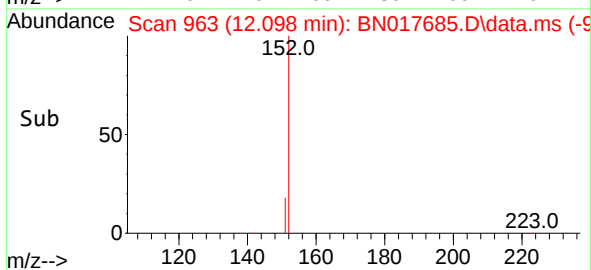
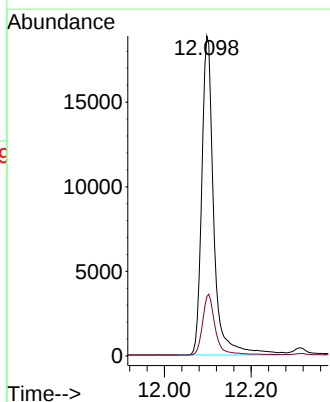
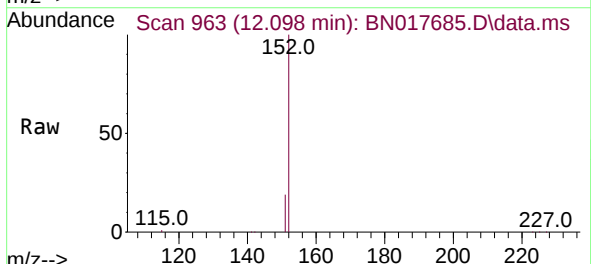


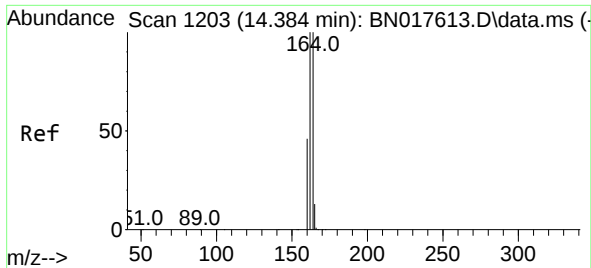
Tgt Ion: 82 Resp: 12284
Ion Ratio Lower Upper
82 100
128 36.2 27.7 41.5
54 51.5 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.098 min Scan# 963
Delta R.T. -0.009 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

Tgt Ion: 152 Resp: 36354
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4

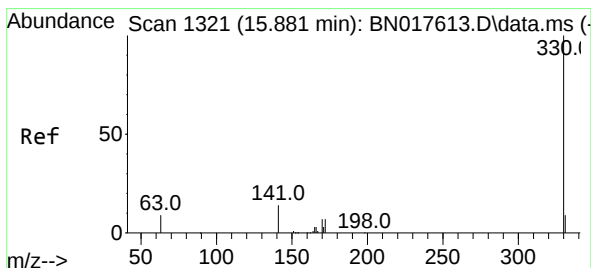
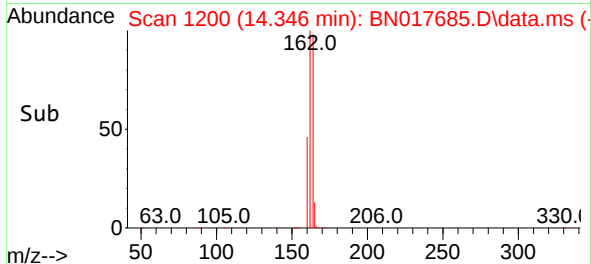
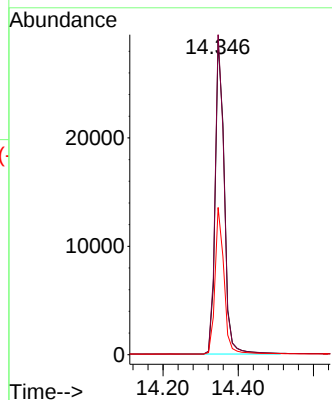
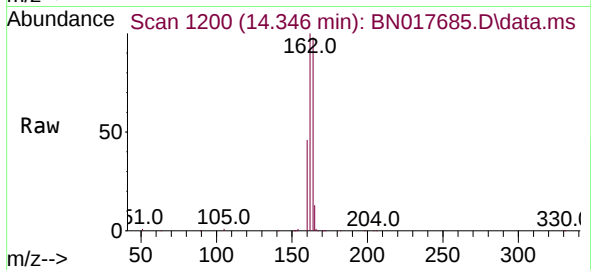




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

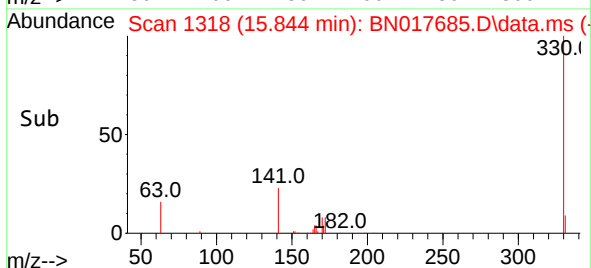
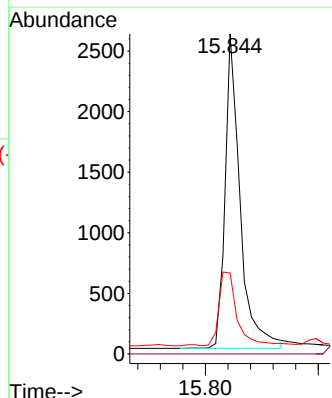
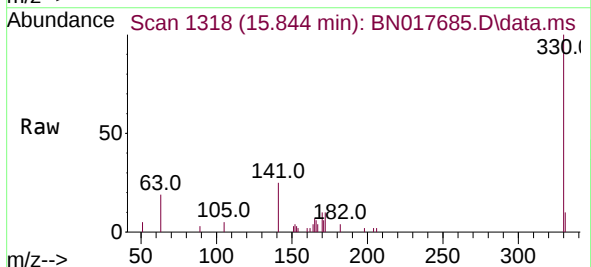
Instrument :
BNA_N
ClientSampleId :
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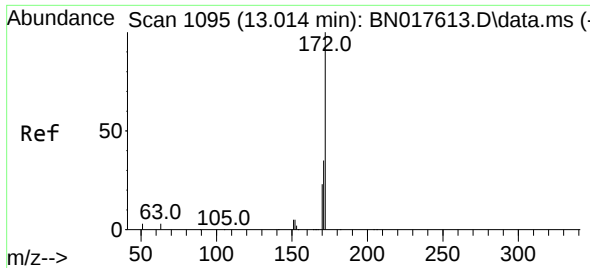
Tgt Ion:164 Resp: 48521
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.2
160 47.0 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 15.844 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

Tgt Ion:330 Resp: 4808
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.0 28.9 43.3#

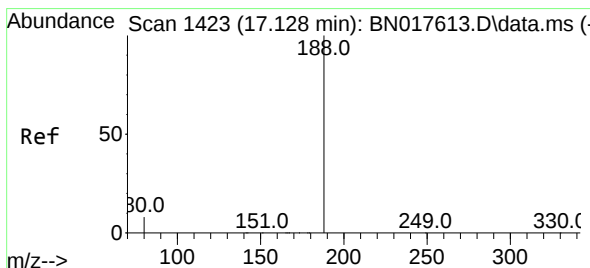
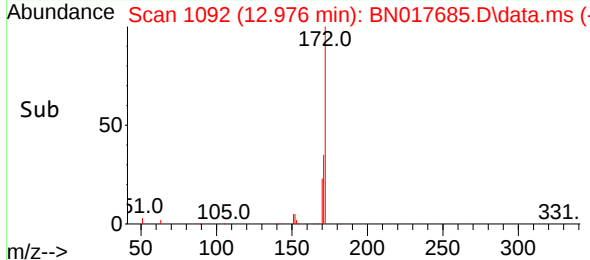
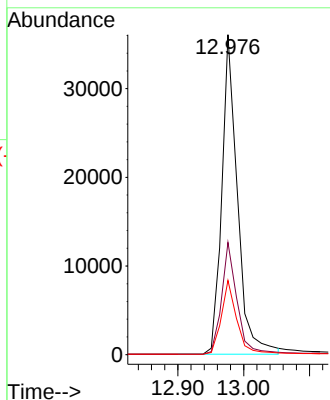
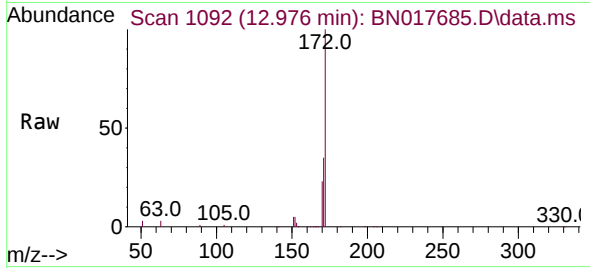




#15
2-Fluorobiphenyl
Concen: 0.315 ng
RT: 12.976 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

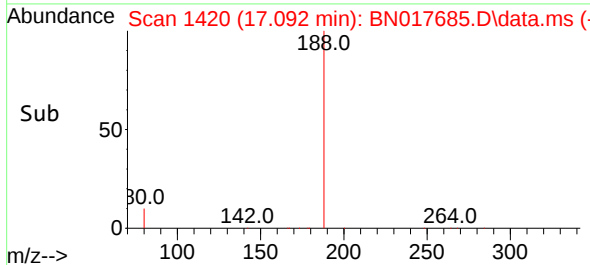
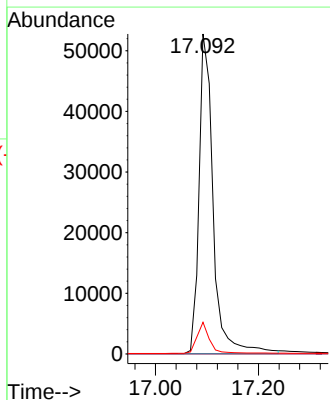
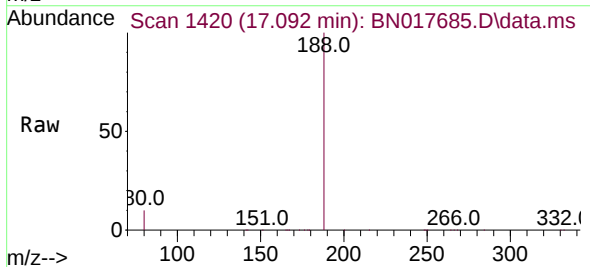
Instrument :
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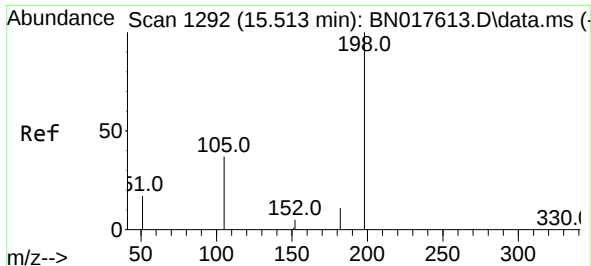
Tgt Ion:172 Resp: 59403
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.2 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

Tgt Ion:188 Resp: 100475
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 6.1 9.1#

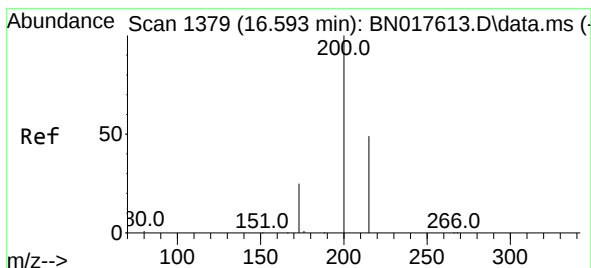
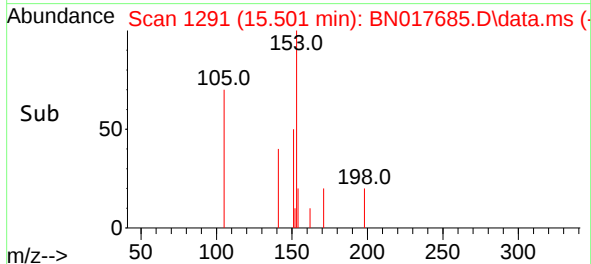
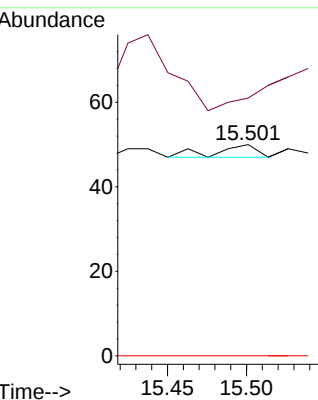
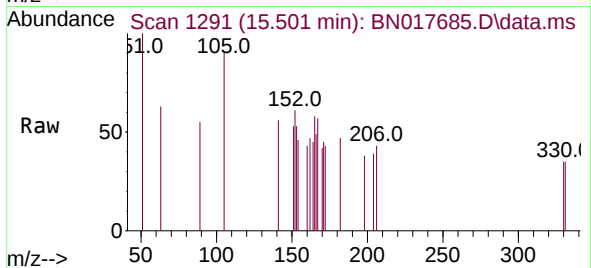




#20
4,6-Dinitro-2-methylphenol
Concen: 0.057 ng
RT: 15.501 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

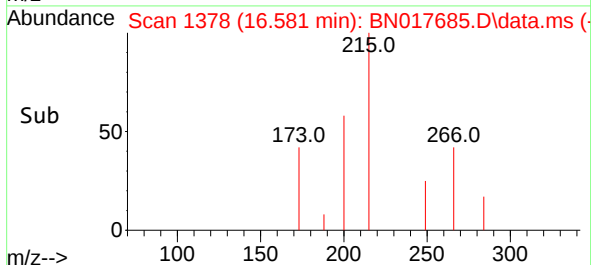
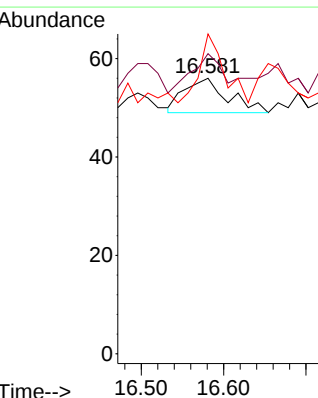
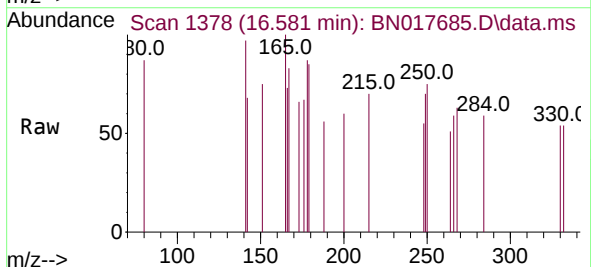
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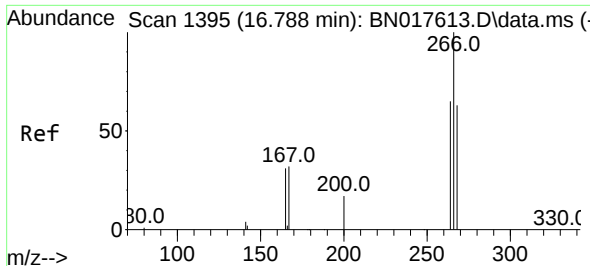
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
182 122.0 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.131 ng
RT: 16.581 min Scan# 1378
Delta R.T. 0.012 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

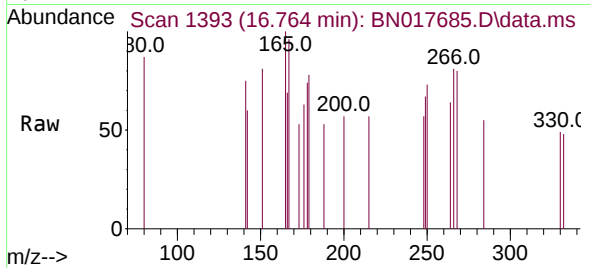
Tgt Ion:200 Resp: 26
Ion Ratio Lower Upper
200 100
173 108.9 17.6 26.4#
215 116.1 40.2 60.4#





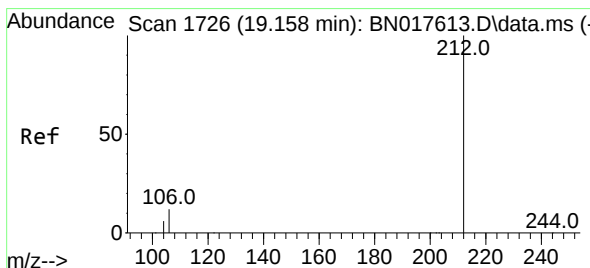
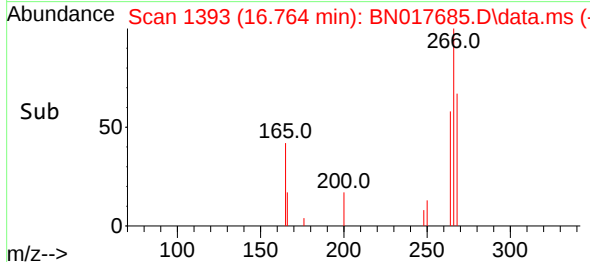
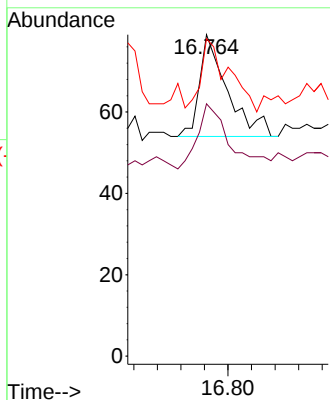
#24
 Pentachlorophenol
 Concen: 0.195 ng
 RT: 16.764 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017685.D
 Acq: 02 Dec 2021 17:01

Instrument :
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 PB141127BL



Tgt Ion: 266 Resp: 82

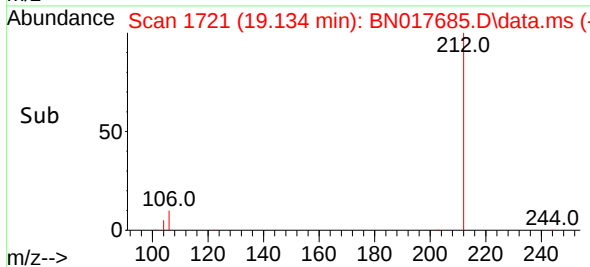
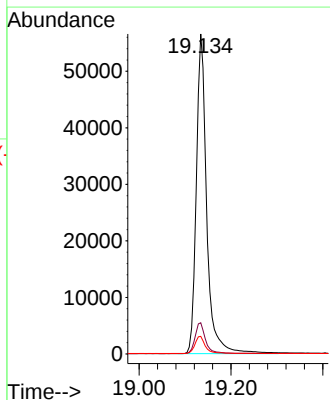
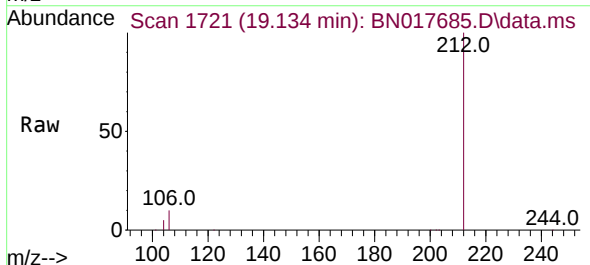
Ion	Ratio	Lower	Upper
266	100		
264	74.4	49.8	74.8
268	72.0	51.3	76.9

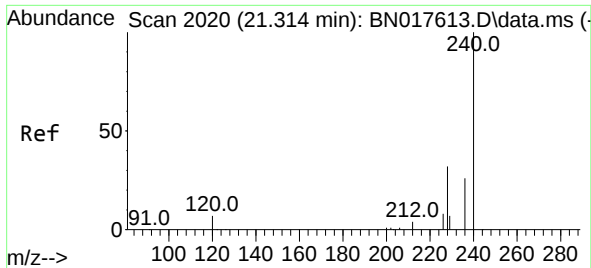


#27
 Fluoranthene-d10
 Concen: 0.282 ng
 RT: 19.134 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: BN017685.D
 Acq: 02 Dec 2021 17:01

Tgt Ion: 212 Resp: 88693

Ion	Ratio	Lower	Upper
212	100		
106	9.7	10.5	15.7#
104	5.5	5.8	8.6#

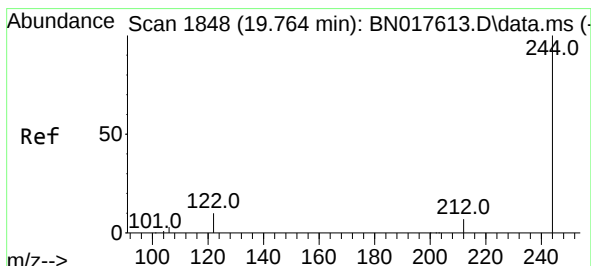
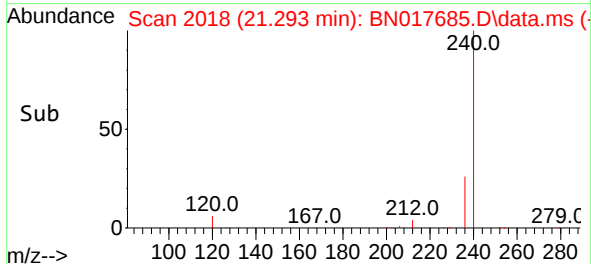
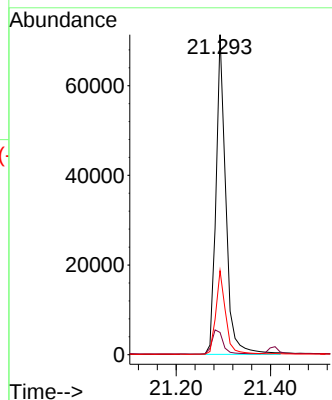
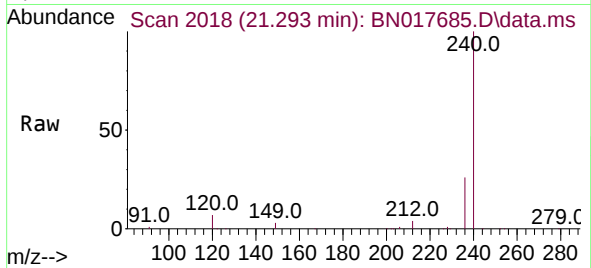




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 20
Delta R.T. 0.011 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

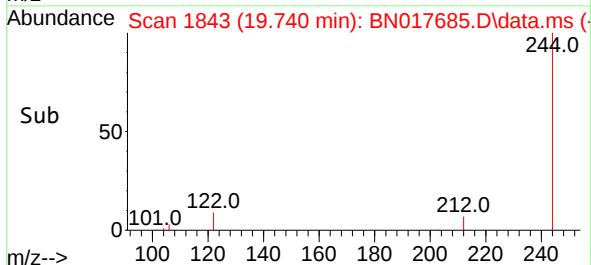
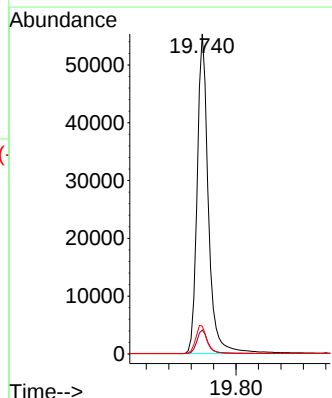
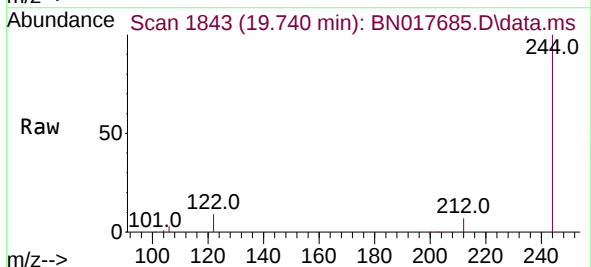
Instrument :
BNA_N
ClientSampleId :
PB141127BL

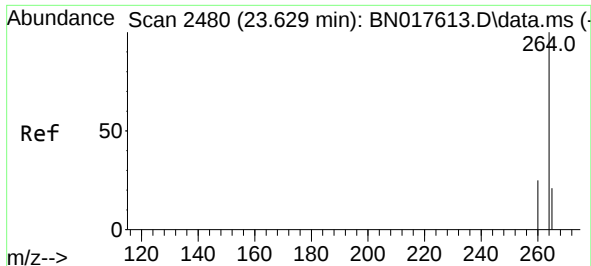
Tgt Ion:240 Resp: 103656
Ion Ratio Lower Upper
240 100
120 6.9 4.2 6.2#
236 26.3 20.0 30.0



#31
Terphenyl-d14
Concen: 0.337 ng
RT: 19.740 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

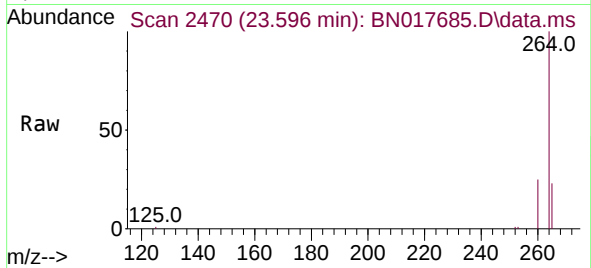
Tgt Ion:244 Resp: 76724
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.7 8.6 13.0



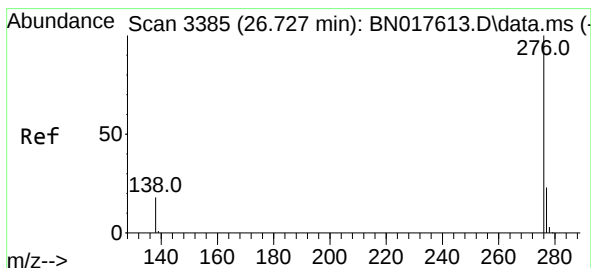
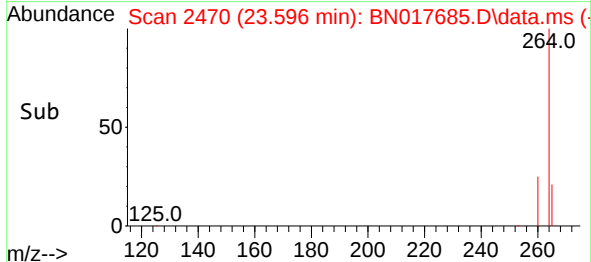
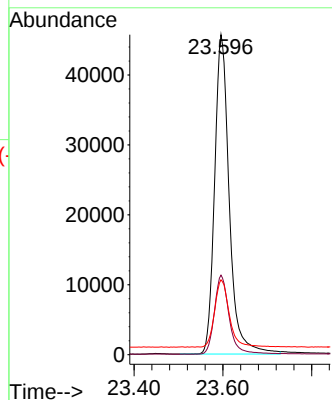


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.596 min Scan# 24
Delta R.T. 0.014 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

Instrument :
BNA_N
ClientSampleId :
PB141127BL



Tgt Ion:264 Resp: 104919
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 23.4 18.6 28.0



#41
Benzo(g,h,i)perylene
Concen: 0.045 ng
RT: 26.676 min Scan# 3370
Delta R.T. 0.021 min
Lab File: BN017685.D
Acq: 02 Dec 2021 17:01

Tgt Ion:276 Resp: 12938
Ion Ratio Lower Upper
276 100
277 36.0 19.0 28.4#
138 17.8 17.1 25.7

