

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014707.D
 Acq On : 22 May 2021 01:09
 Operator : CG/JU
 Sample : PB136418BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB136418BL

Quant Time: May 22 04:03:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 21 11:30:28 2021
 Response via : Initial Calibration

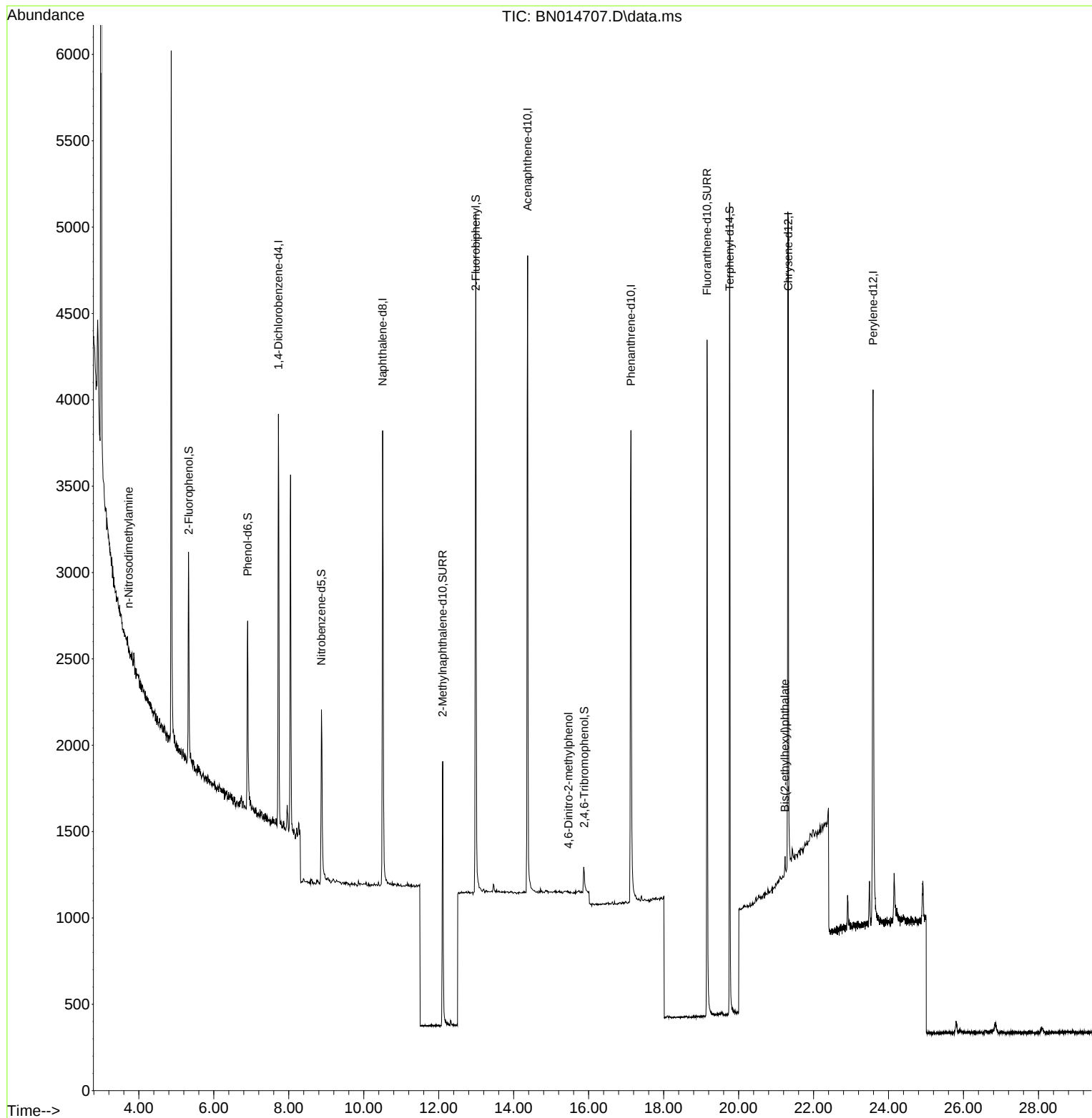
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	1076	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3744	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2455	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	5137	0.40	ng	# 0.01
29) Chrysene-d12	21.324	240	4585	0.40	ng	# 0.01
35) Perylene-d12	23.589	264	4644	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	1032	0.36	ng	0.00
5) Phenol-d6	6.903	99	1219	0.32	ng	0.00
8) Nitrobenzene-d5	8.870	82	1195	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2301	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	190	0.17	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	3550	0.39	ng	0.00
27) Fluoranthene-d10	19.159	212	5032	0.22	ng	0.00
31) Terphenyl-d14	19.759	244	5287	0.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	18	Below Cal	#	32
3) n-Nitrosodimethylamine	3.730	42	18	0.03	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.463	198	2	0.15	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.239	149	127	0.03	ng	# 58

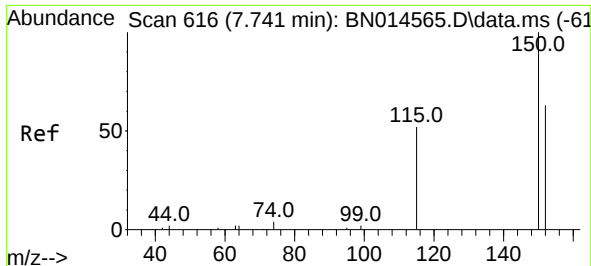
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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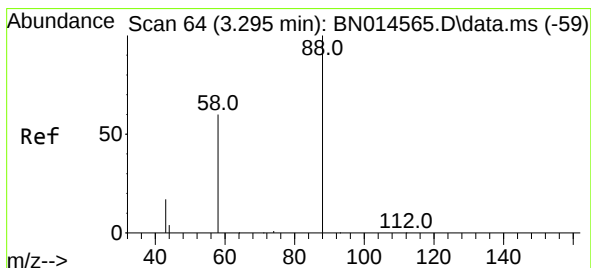
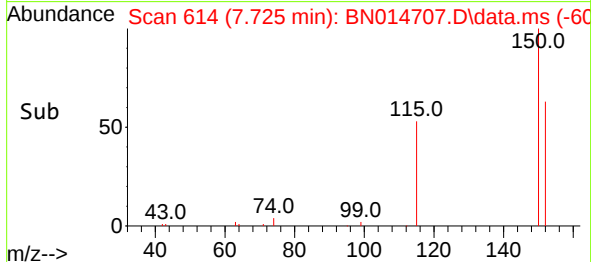
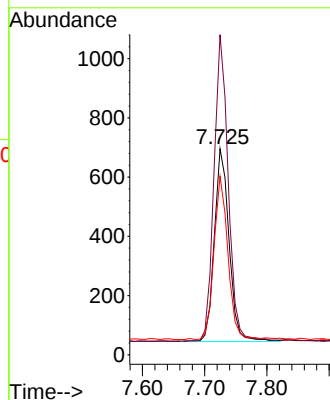
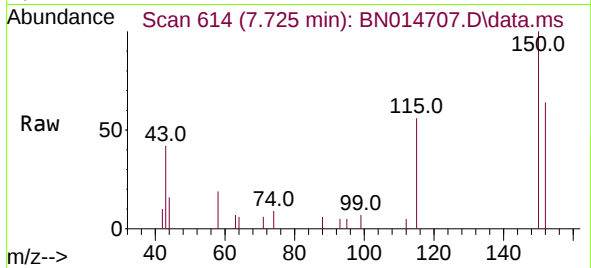




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: BN014707.D
 Acq: 22 May 2021 01:09

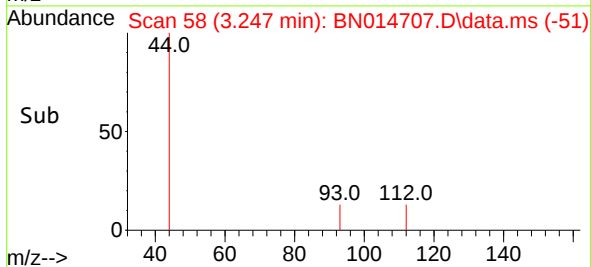
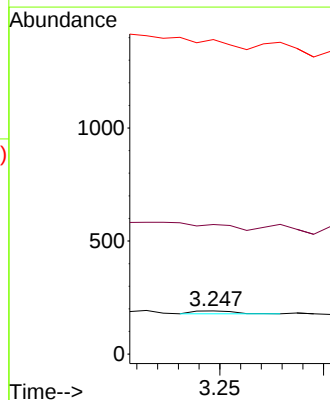
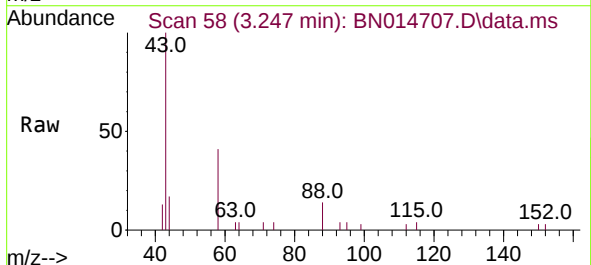
Instrument :
 BNA_N
 ClientSampleId :
 PB136418BL

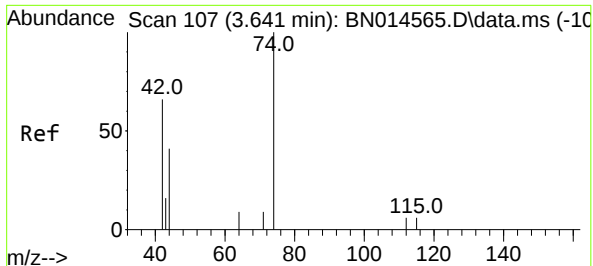
Tgt Ion:152 Resp: 1076
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.8 185.8
 115 86.6 47.0 70.4#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.247 min Scan# 58
 Delta R.T. -0.040 min
 Lab File: BN014707.D
 Acq: 22 May 2021 01:09

Tgt Ion: 88 Resp: 18
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.4 66.6#
 43 0.0 15.9 23.9#





#3

n-Nitrosodimethylamine

Concen: 0.03 ng

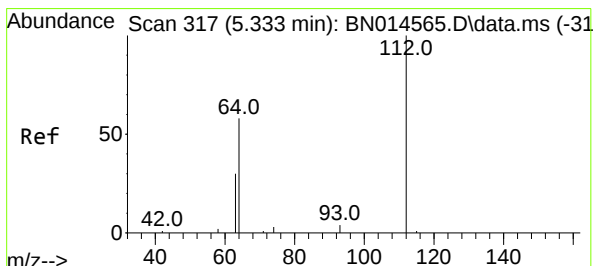
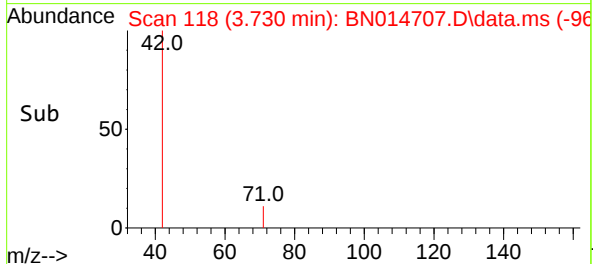
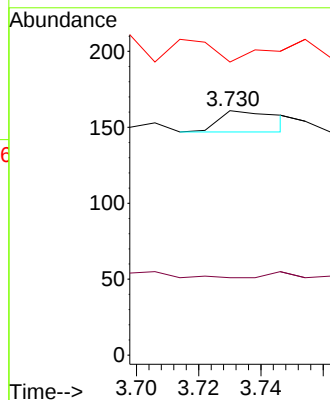
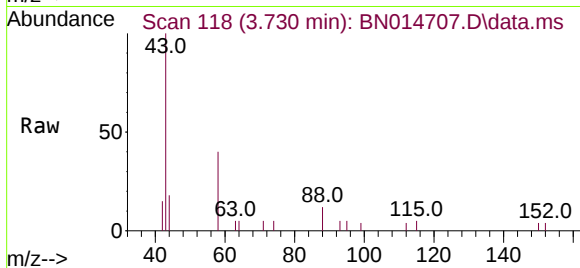
RT: 3.730 min Scan# 118

Delta R.T. 0.081 min

Lab File: BN014707.D

Acq: 22 May 2021 01:09

Tgt Ion:	42	Resp:	18
Ion	Ratio	Lower	Upper
42	100		
74	0.0	175.1	262.7#
44	0.0	7.5	11.3#



#4

2-Fluorophenol

Concen: 0.36 ng

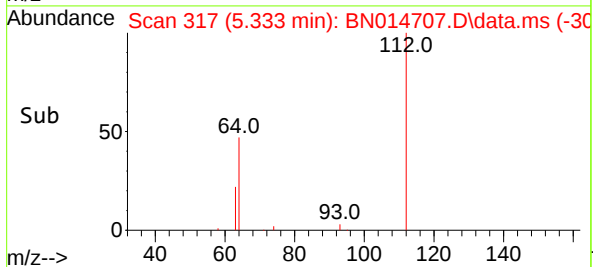
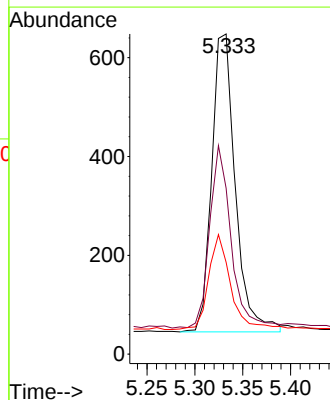
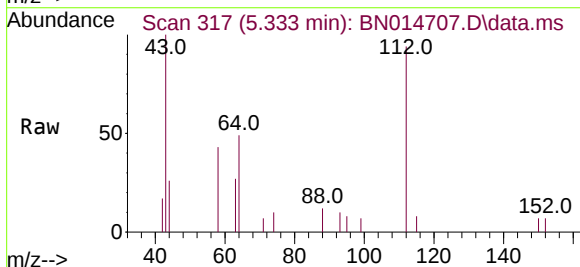
RT: 5.333 min Scan# 317

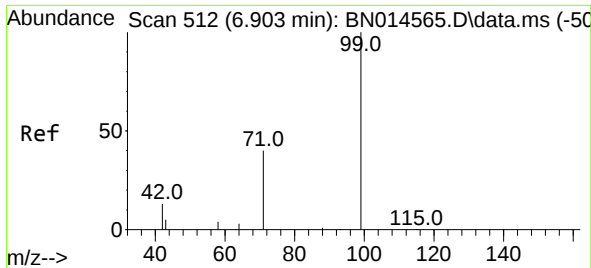
Delta R.T. 0.008 min

Lab File: BN014707.D

Acq: 22 May 2021 01:09

Tgt Ion:	112	Resp:	1032
Ion	Ratio	Lower	Upper
112	100		
64	55.8	41.8	62.6
63	29.5	22.0	33.0

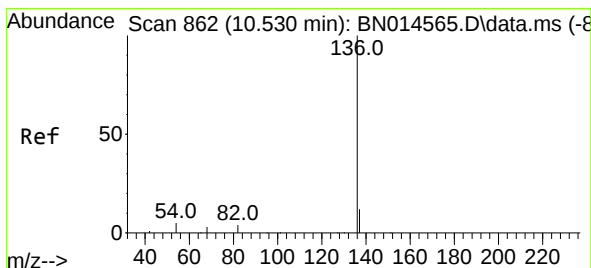
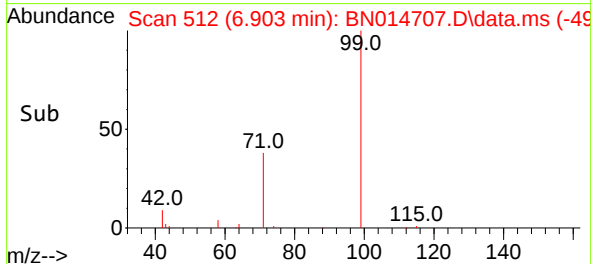
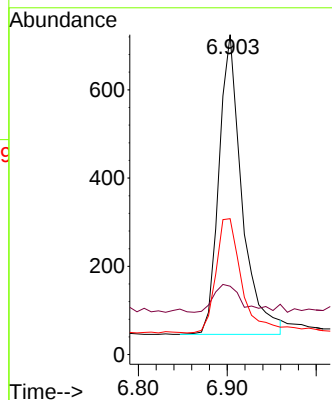
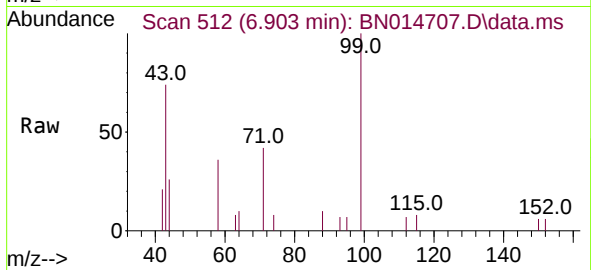




#5
Phenol-d6
Concen: 0.32 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.008 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

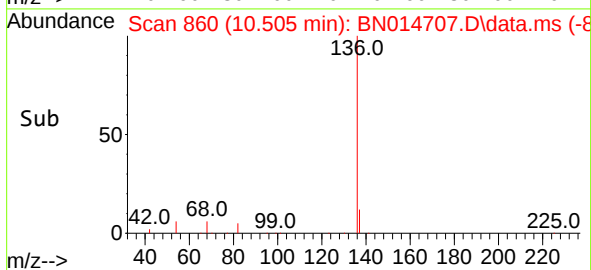
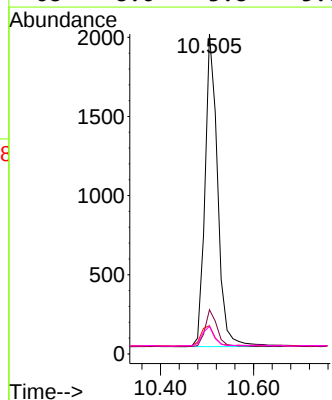
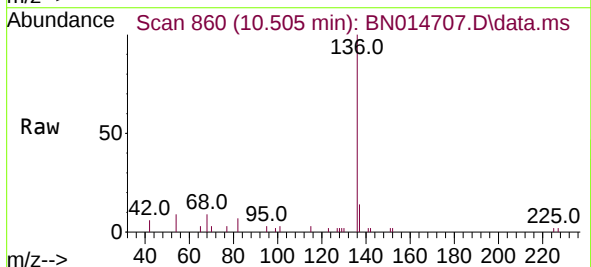
Instrument :
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PB136418BL

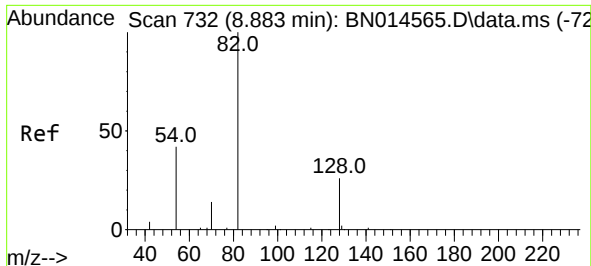
Tgt Ion: 99 Resp: 1219
Ion Ratio Lower Upper
99 100
42 11.2 13.2 19.8#
71 42.5 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

Tgt Ion: 136 Resp: 3744
Ion Ratio Lower Upper
136 100
137 13.8 8.9 13.3#
54 8.9 3.8 5.8#
68 8.6 3.8 5.6#

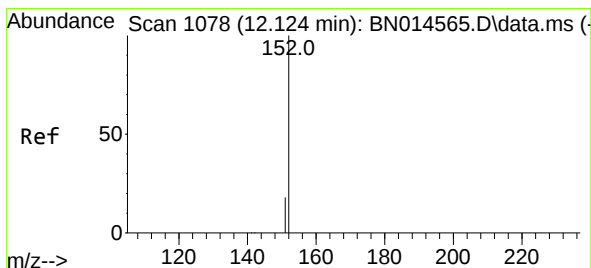
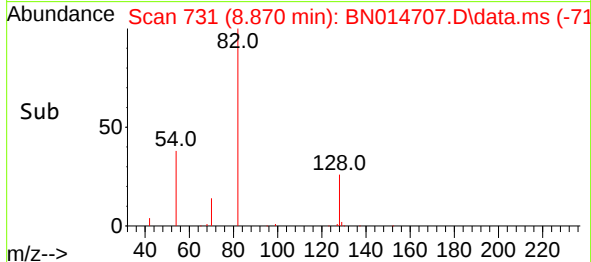
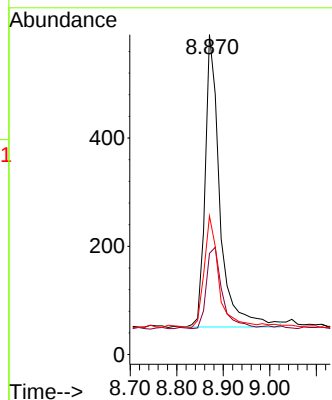
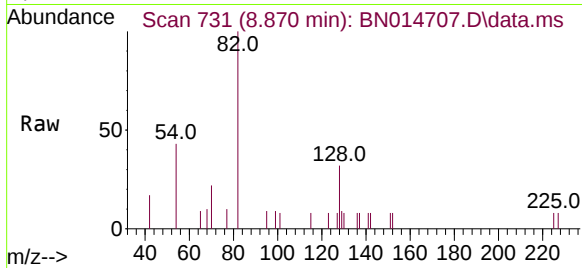




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

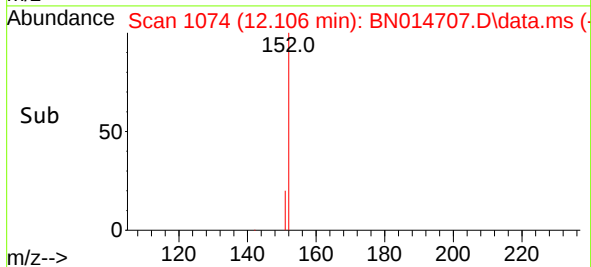
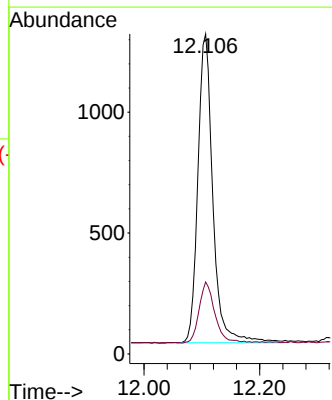
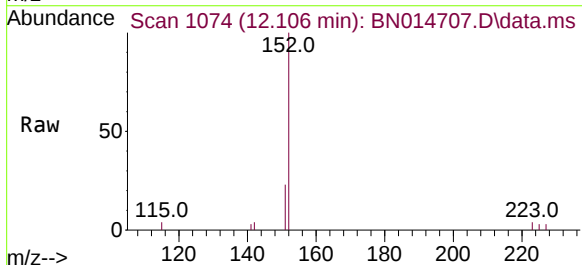
Instrument :
BNA_N
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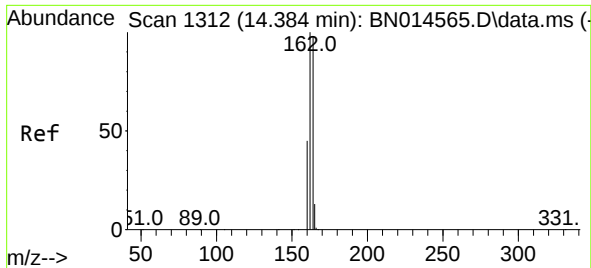
Tgt Ion: 82 Resp: 1195
Ion Ratio Lower Upper
82 100
128 31.6 29.5 44.3
54 43.3 36.9 55.3



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.004 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

Tgt Ion: 152 Resp: 2301
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2

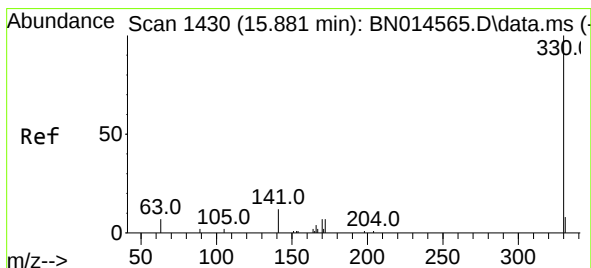
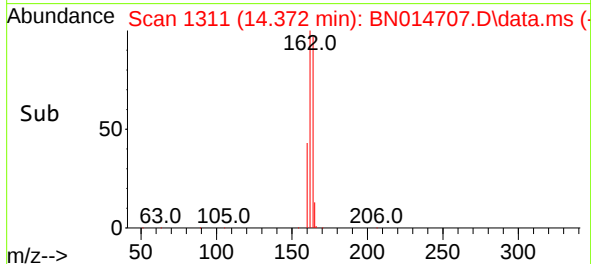
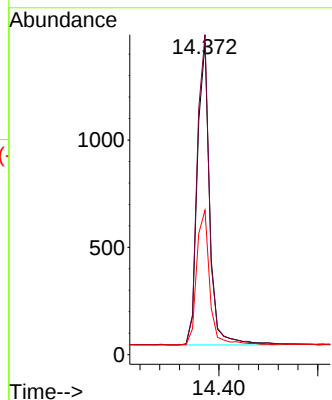
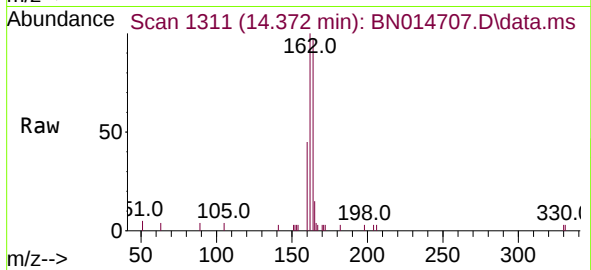




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

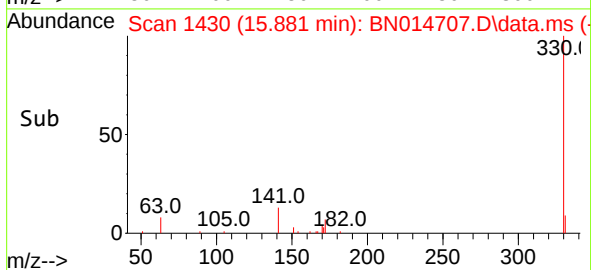
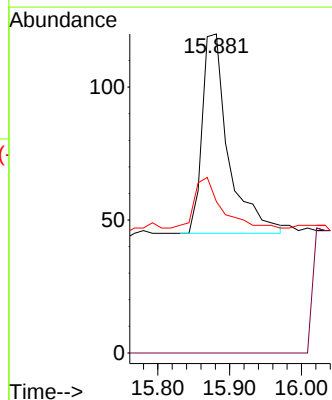
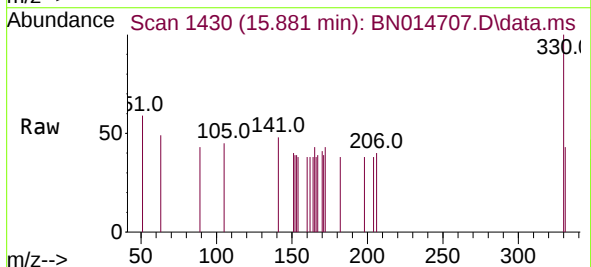
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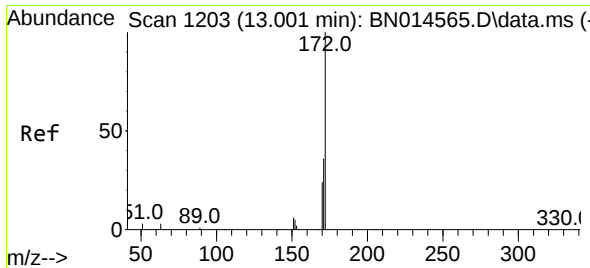
Tgt Ion:164 Resp: 2455
Ion Ratio Lower Upper
164 100
162 102.7 78.6 118.0
160 46.3 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.17 ng
RT: 15.881 min Scan# 1430
Delta R.T. 0.013 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

Tgt Ion:330 Resp: 190
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.8 27.0 40.4#

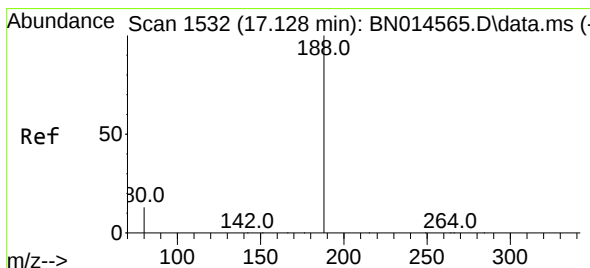
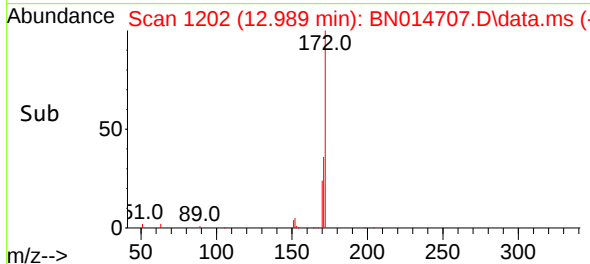
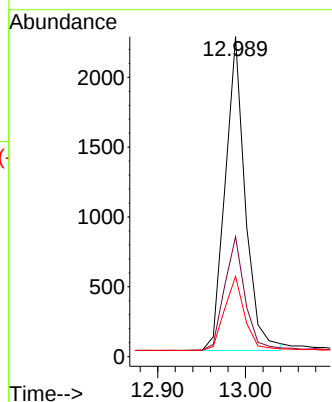
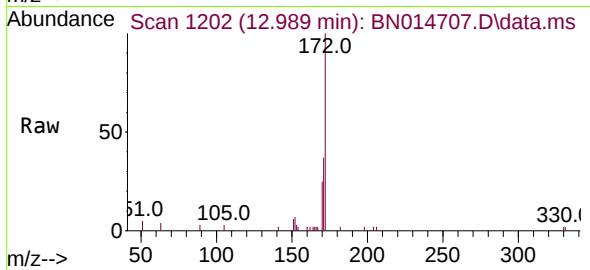




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.989 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

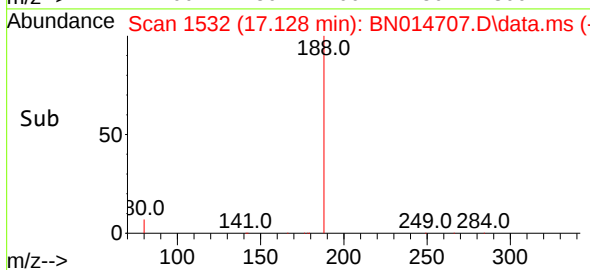
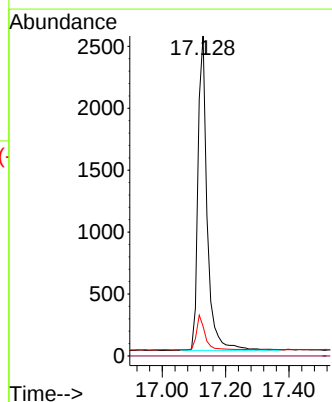
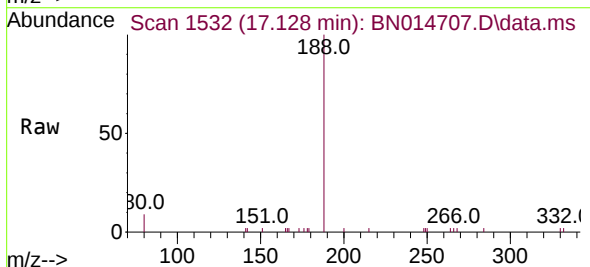
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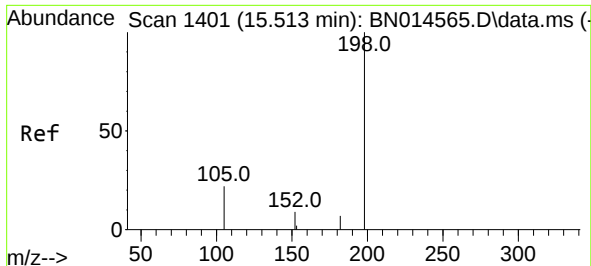
Tgt Ion:172 Resp: 3550
Ion Ratio Lower Upper
172 100
171 37.5 27.1 40.7
170 25.1 18.3 27.5



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.012 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

Tgt Ion:188 Resp: 5137
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 5.2 7.8#

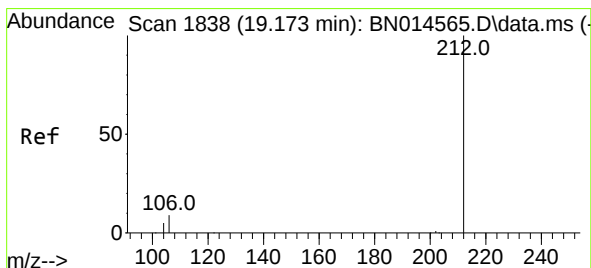
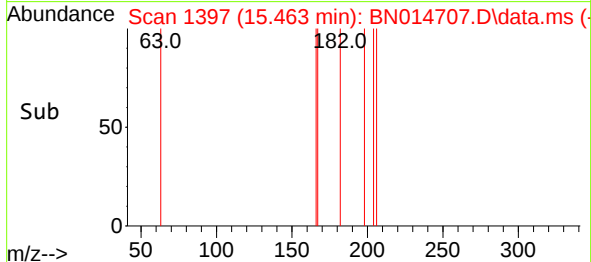
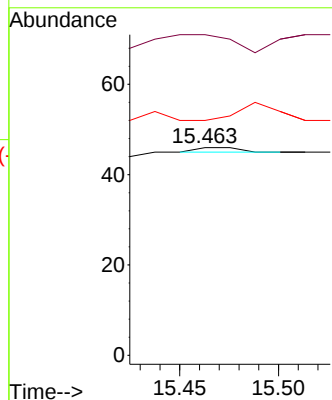
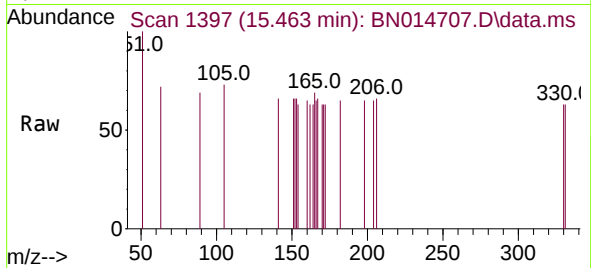




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.463 min Scan# 1397
Delta R.T. -0.038 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

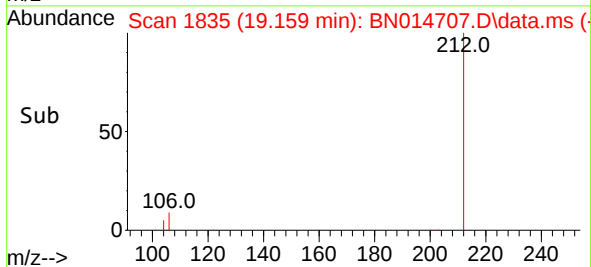
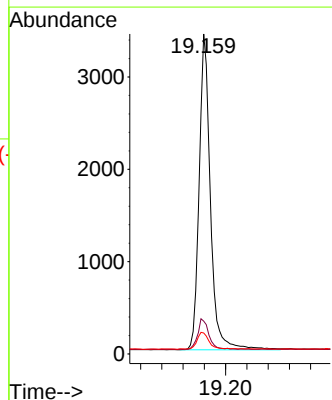
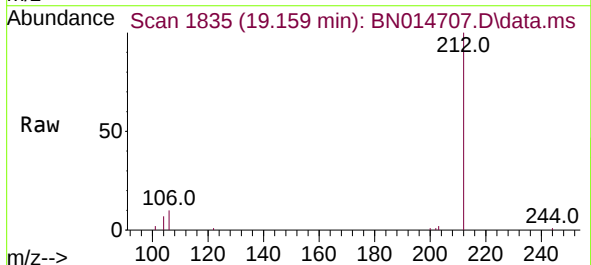
Instrument :
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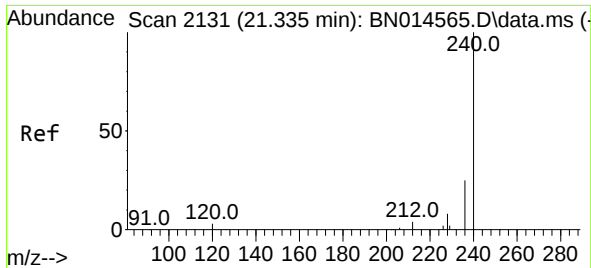
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 154.3 865.3 1297.9#
105 113.0 93.6 140.4



#27
Fluoranthene-d10
Concen: 0.22 ng
RT: 19.159 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

Tgt Ion:212 Resp: 5032
Ion Ratio Lower Upper
212 100
106 9.6 10.1 15.1#
104 5.4 5.4 8.2#

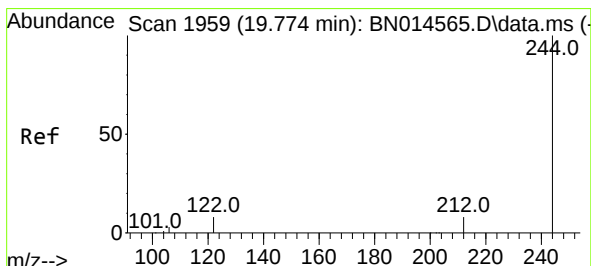
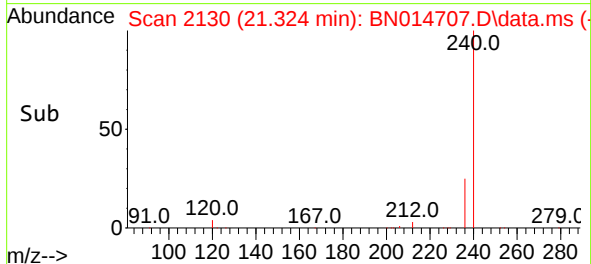
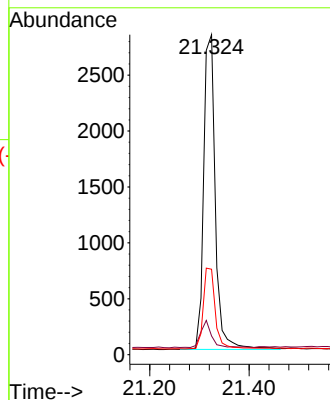
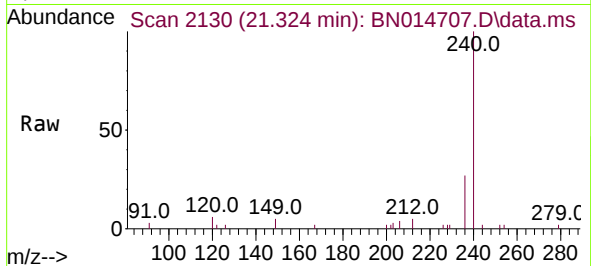




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.324 min Scan# 2130
Delta R.T. 0.011 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

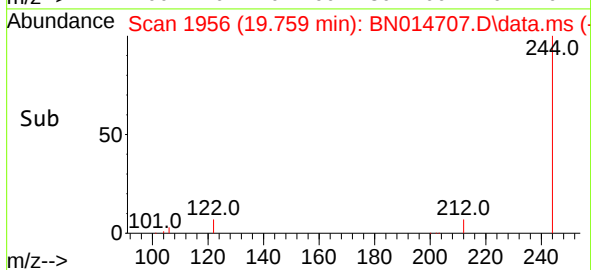
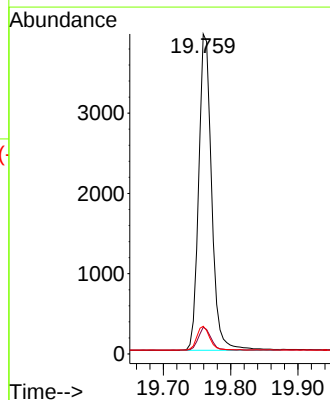
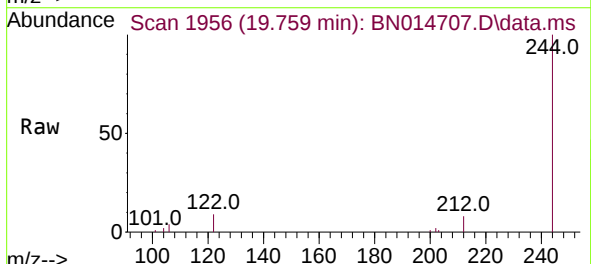
Instrument :
BNA_N
ClientSampleId :
PB136418BL

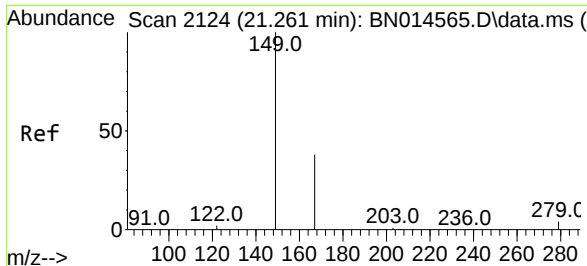
Tgt Ion:240 Resp: 4585
Ion Ratio Lower Upper
240 100
120 5.8 5.8 8.8#
236 26.7 20.6 30.8



#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.759 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BN014707.D
Acq: 22 May 2021 01:09

Tgt Ion:244 Resp: 5287
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 8.6 9.3 13.9#

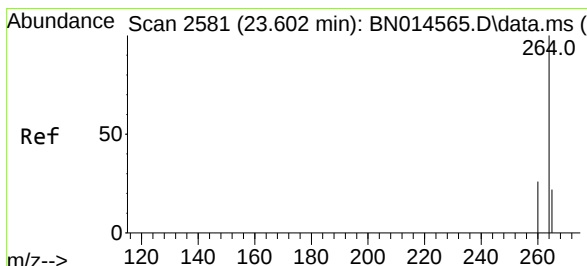
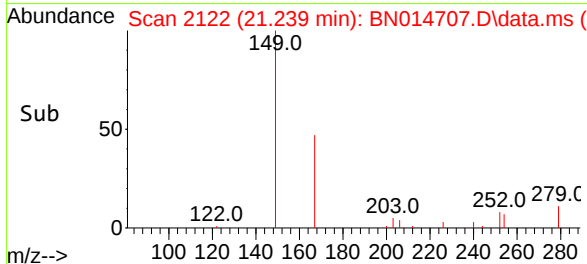
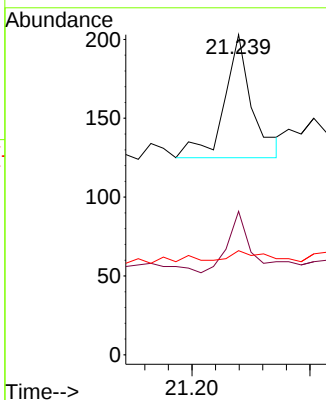
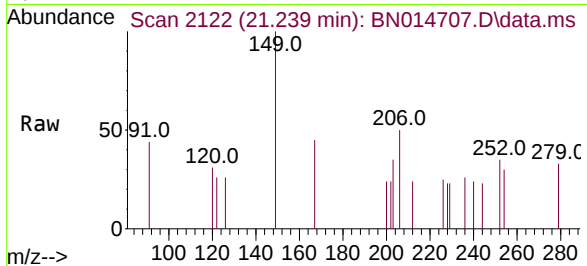




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.03 ng
 RT: 21.239 min Scan# 2122
 Delta R.T. 0.000 min
 Lab File: BN014707.D
 Acq: 22 May 2021 01:09

Instrument :
 BNA_N
 ClientSampleId :
 PB136418BL

Tgt Ion:149 Resp: 127
 Ion Ratio Lower Upper
 149 100
 167 48.0 20.5 30.7#
 279 11.0 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.589 min Scan# 2577
 Delta R.T. 0.003 min
 Lab File: BN014707.D
 Acq: 22 May 2021 01:09

Tgt Ion:264 Resp: 4644
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.5 29.3
 265 43.8 35.4 53.0

