

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014702.D
 Acq On : 21 May 2021 20:23
 Operator : CG/JU
 Sample : PB136521BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB136521BL

Quant Time: May 22 01:04:18 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)

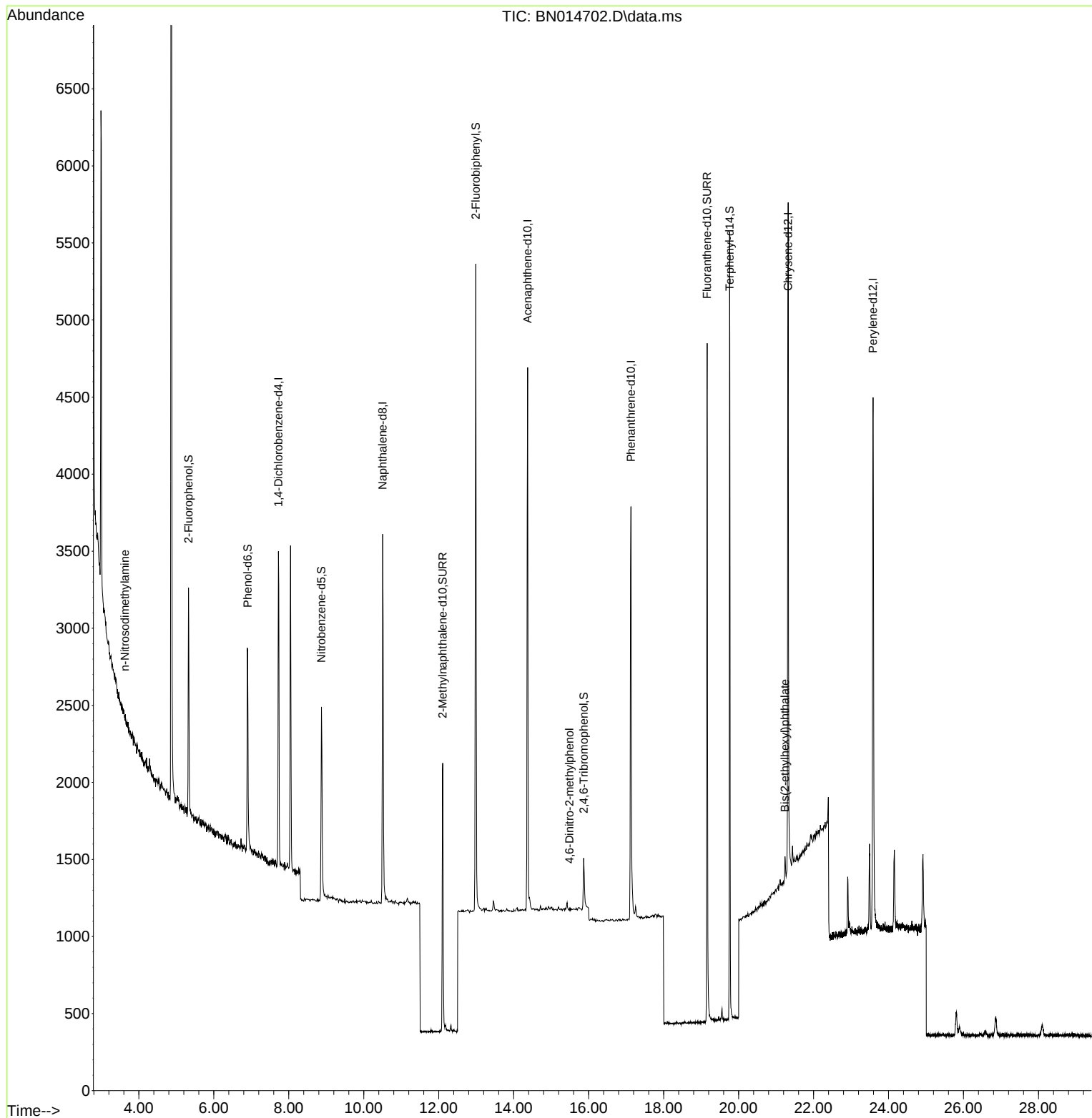
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	961	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3409	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2227	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	4651	0.40	ng	# 0.01
29) Chrysene-d12	21.322	240	4445	0.40	ng	0.00
35) Perylene-d12	23.586	264	4955	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1166	0.46	ng	0.00
5) Phenol-d6	6.903	99	1448	0.43	ng	0.00
8) Nitrobenzene-d5	8.870	82	1397	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2542	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	393	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	3705	0.45	ng	0.00
27) Fluoranthene-d10	19.161	212	5573	0.27	ng	0.00
31) Terphenyl-d14	19.762	244	5415	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.271	88	26	Below Cal	#	71
3) n-Nitrosodimethylamine	3.625	42	38	0.08	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.488	198	2	0.15	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.237	149	226	0.06	ng	# 90

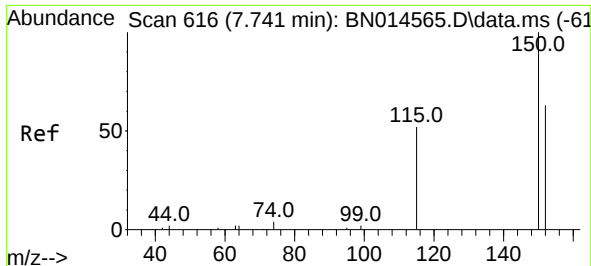
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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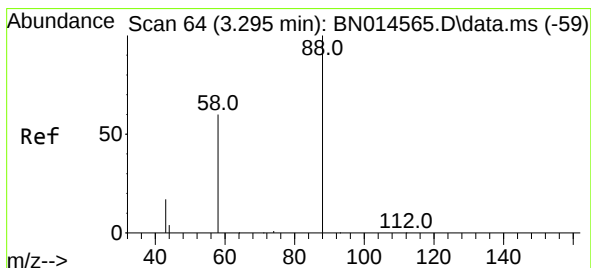
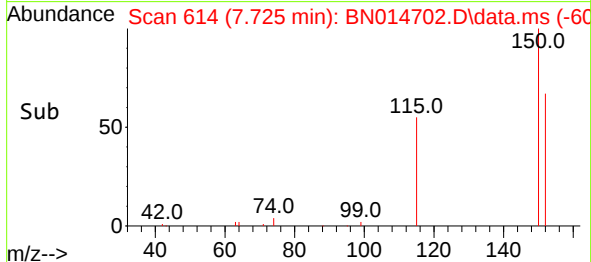
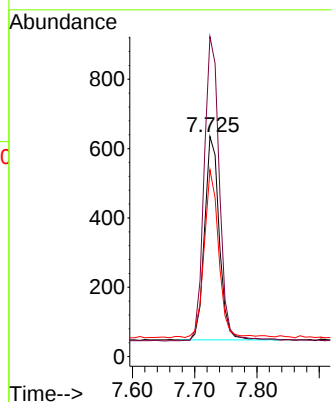
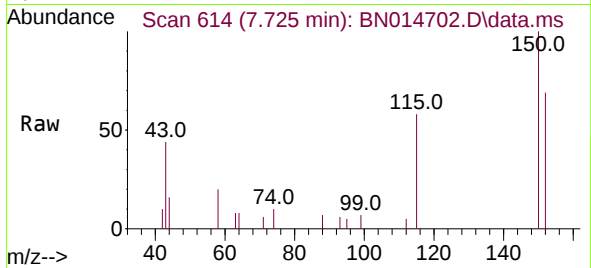




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.725 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: BN014702.D
 Acq: 21 May 2021 20:23

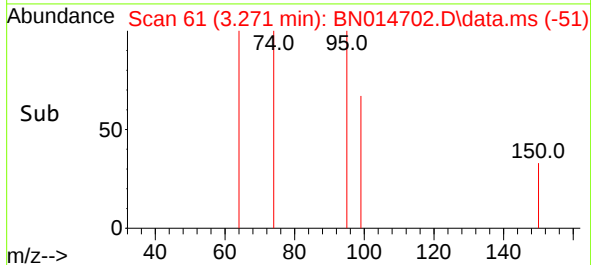
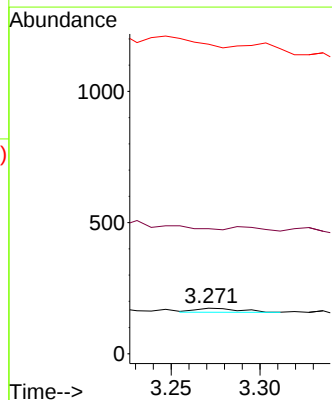
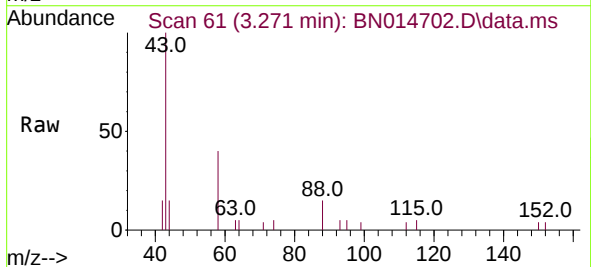
Instrument :
 BNA_N
 ClientSampled :
 PB136521BL

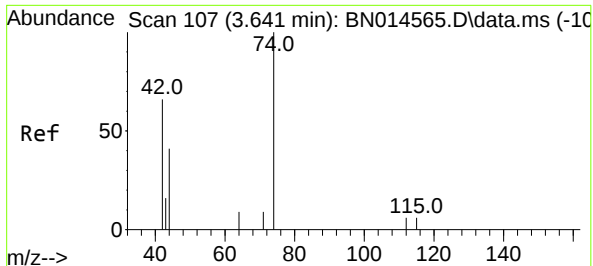
Tgt Ion:152 Resp: 961
 Ion Ratio Lower Upper
 152 100
 150 145.4 123.8 185.8
 115 84.9 47.0 70.4#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.271 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: BN014702.D
 Acq: 21 May 2021 20:23

Tgt Ion: 88 Resp: 26
 Ion Ratio Lower Upper
 88 100
 58 73.1 44.4 66.6#
 43 0.0 15.9 23.9#

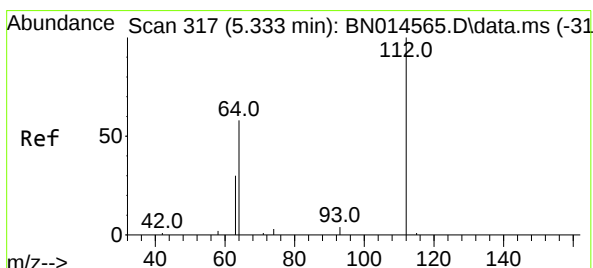
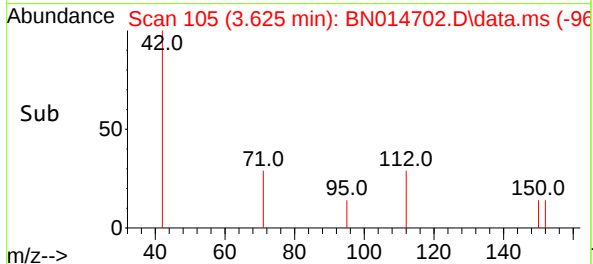
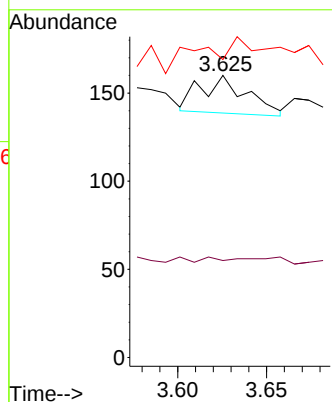
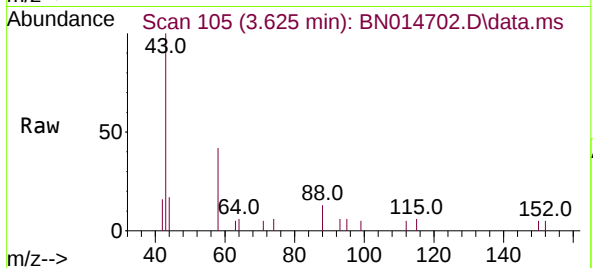




#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.625 min Scan# 105
Delta R.T. -0.024 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

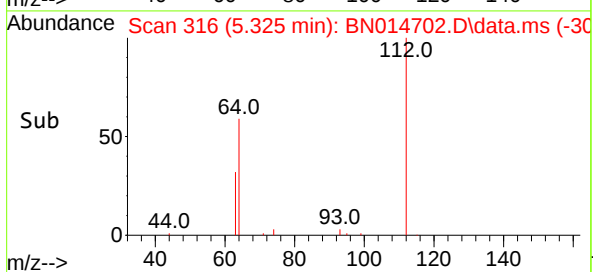
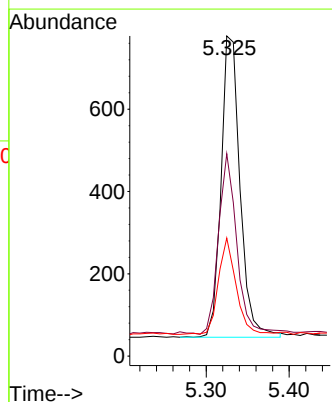
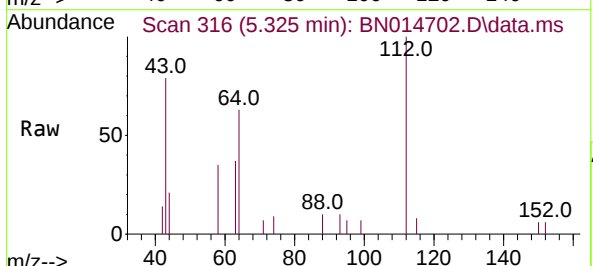
Instrument :
BNA_N
ClientSampled :
PB136521BL

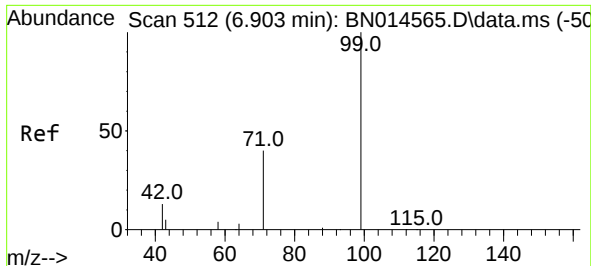
Tgt Ion: 42 Resp: 38
Ion Ratio Lower Upper
42 100
74 0.0 175.1 262.7#
44 31.6 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.46 ng
RT: 5.325 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion: 112 Resp: 1166
Ion Ratio Lower Upper
112 100
64 58.0 41.8 62.6
63 29.7 22.0 33.0

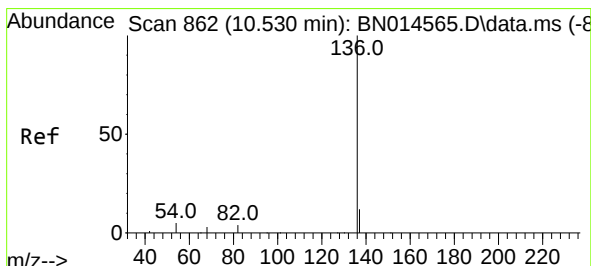
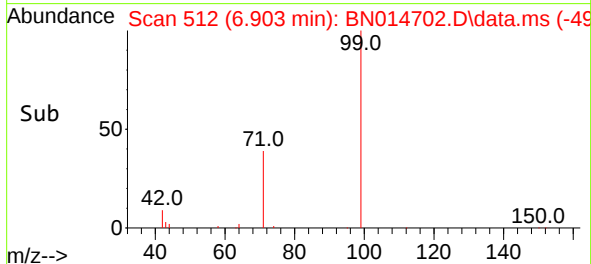
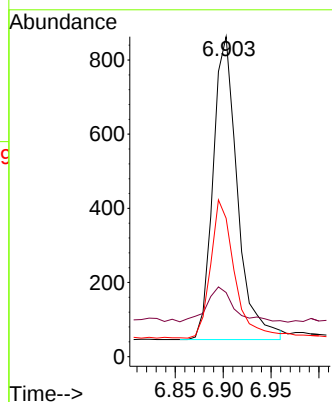
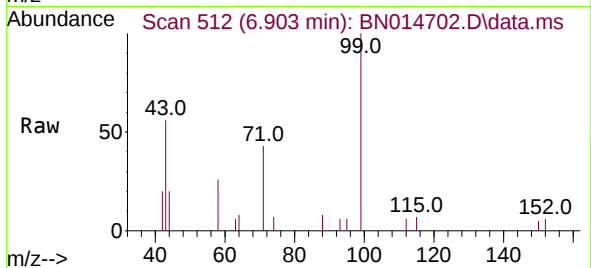




#5
Phenol-d6
Concen: 0.43 ng
RT: 6.903 min Scan# 512
Delta R.T. 0.008 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

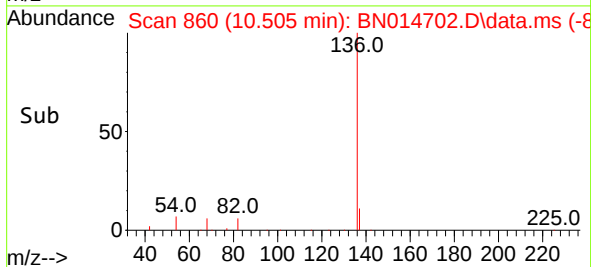
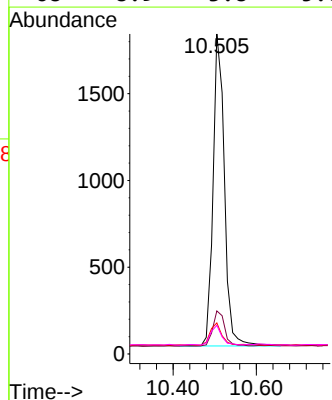
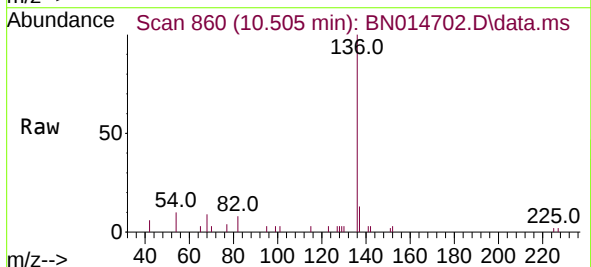
Instrument :
BNA_N
ClientSampleId :
PB136521BL

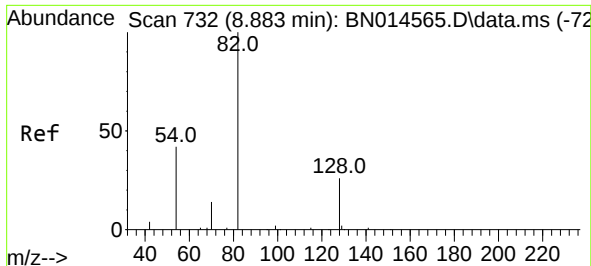
Tgt Ion: 99 Resp: 1448
Ion Ratio Lower Upper
99 100
42 12.4 13.2 19.8#
71 44.1 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion: 136 Resp: 3409
Ion Ratio Lower Upper
136 100
137 13.4 8.9 13.3#
54 9.7 3.8 5.8#
68 8.9 3.8 5.6#

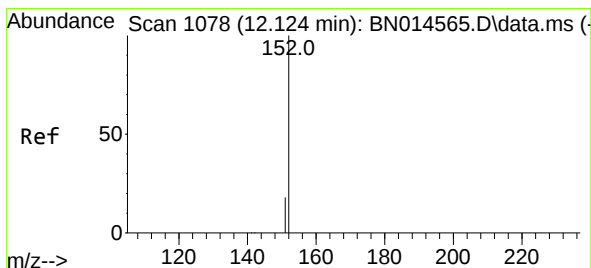
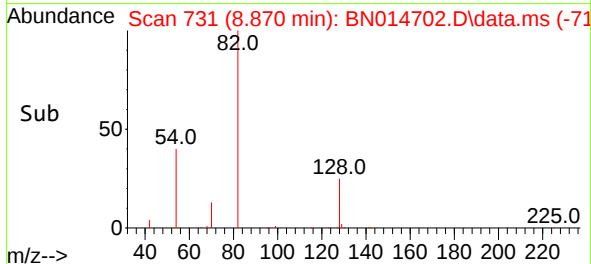
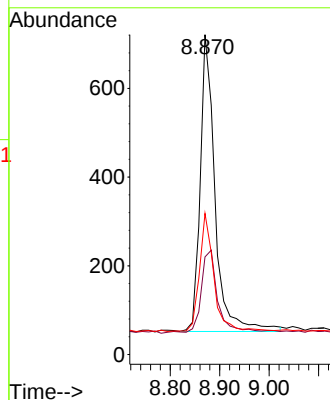
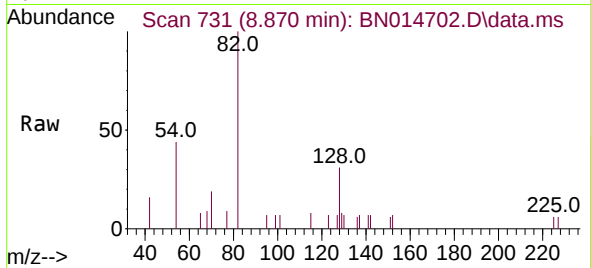




#8
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

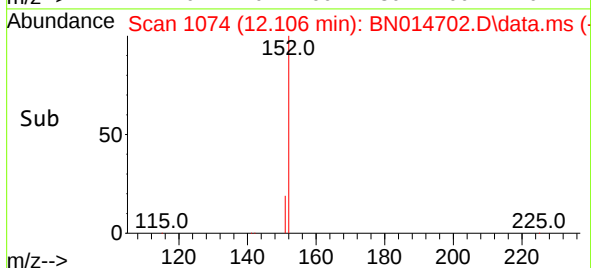
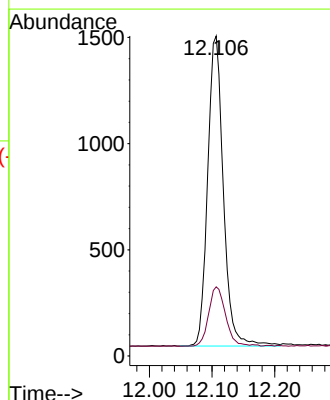
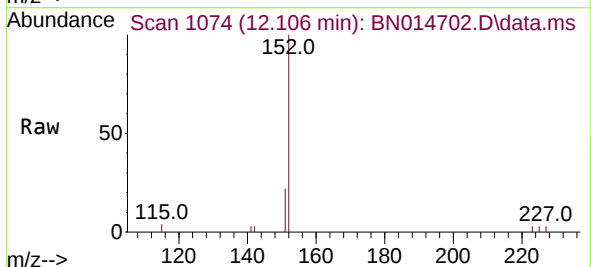
Instrument :
BNA_N
ClientSampleId :
PB136521BL

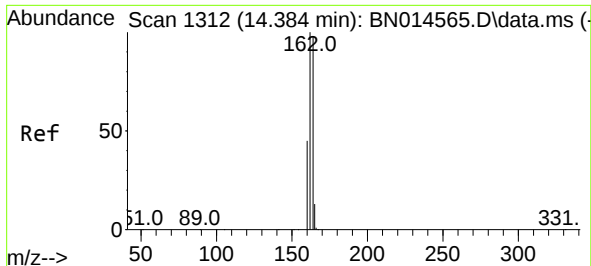
Tgt Ion: 82 Resp: 1397
Ion Ratio Lower Upper
82 100
128 30.5 29.5 44.3
54 44.1 36.9 55.3



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.005 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion: 152 Resp: 2542
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2

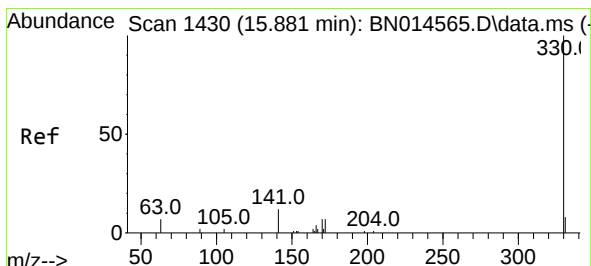
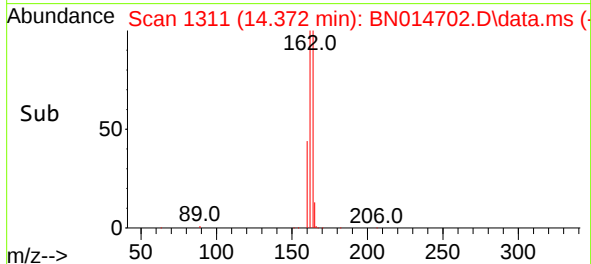
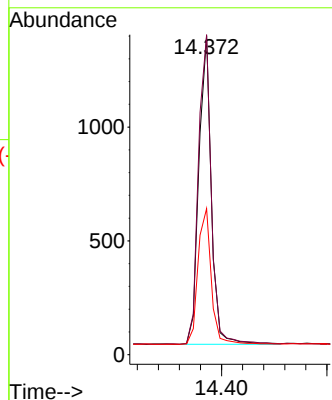
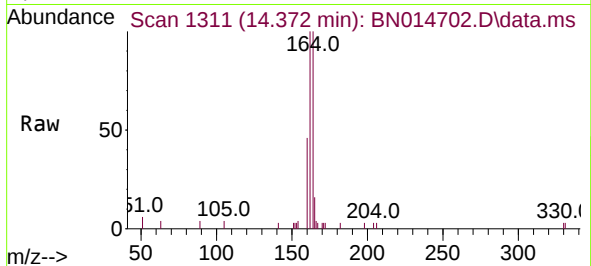




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

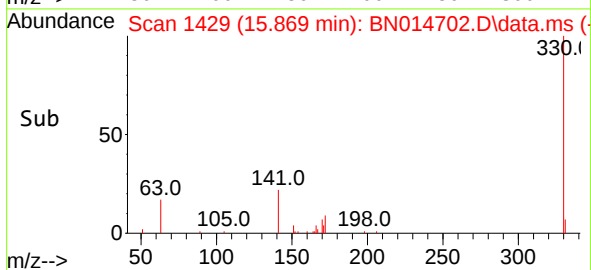
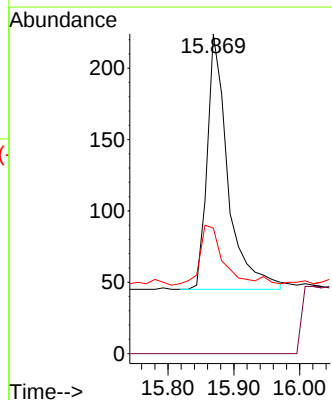
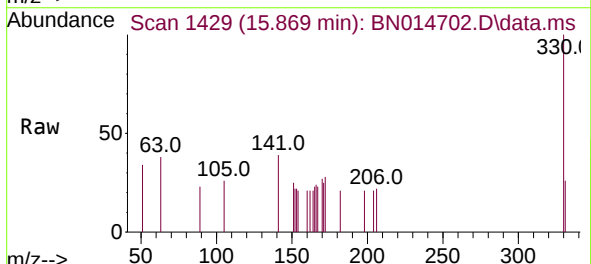
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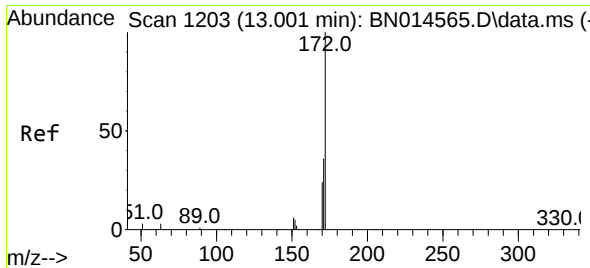
Tgt Ion:164 Resp: 2227
Ion Ratio Lower Upper
164 100
162 100.4 78.6 118.0
160 45.8 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.869 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:330 Resp: 393
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.5 27.0 40.4

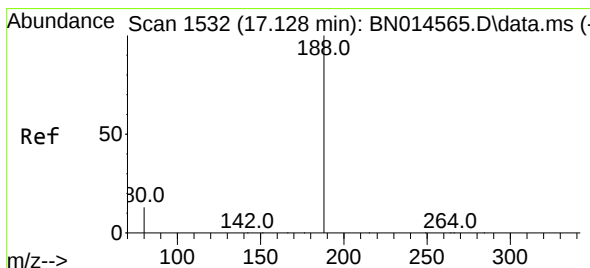
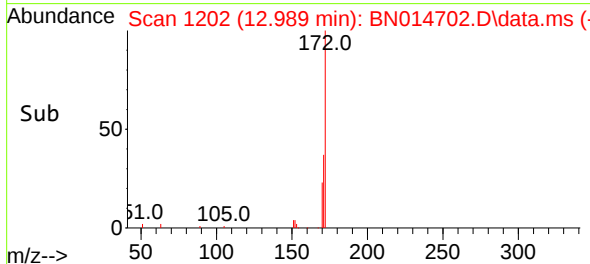
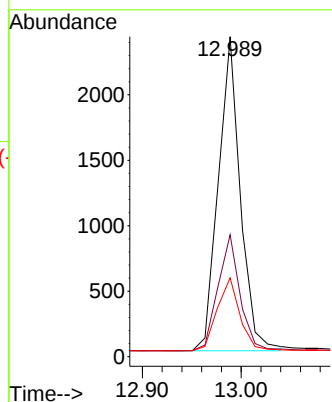
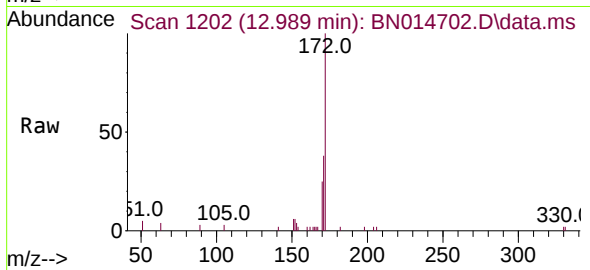




#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.989 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

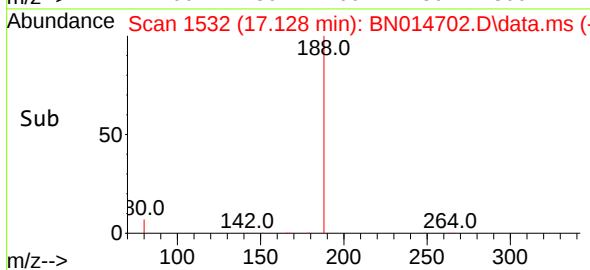
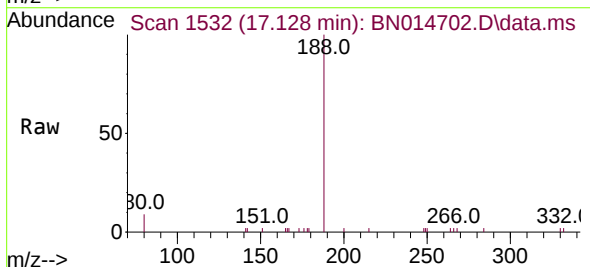
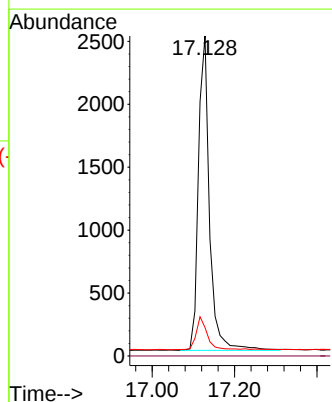
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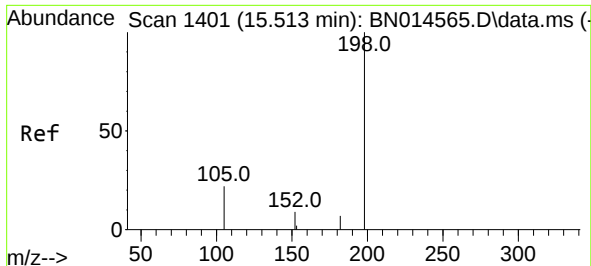
Tgt Ion:	172	Resp:	3705
Ion	Ratio	Lower	Upper
172	100		
171	38.1	27.1	40.7
170	24.7	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.012 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:	188	Resp:	4651
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	5.2	7.8

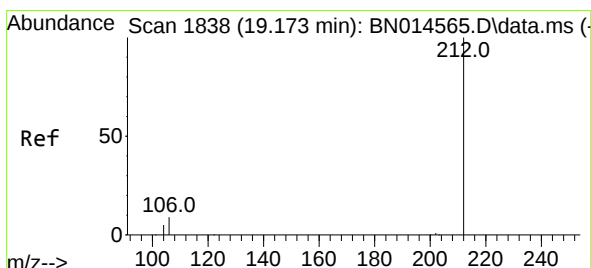
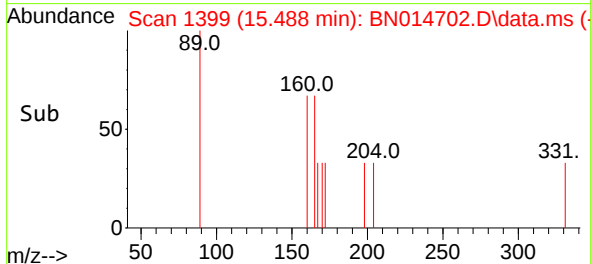
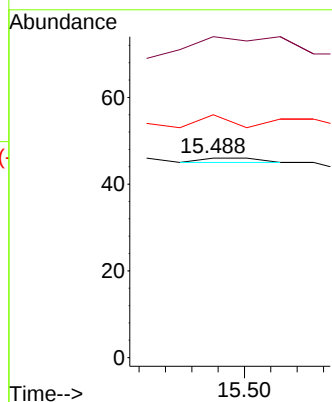
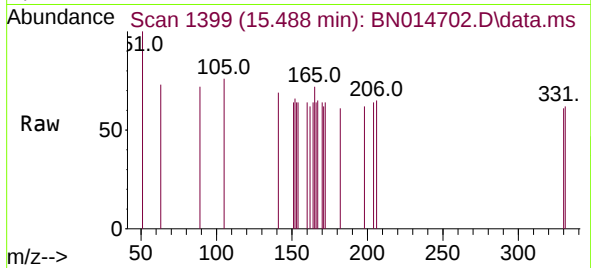




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.488 min Scan# 1399
Delta R.T. -0.013 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

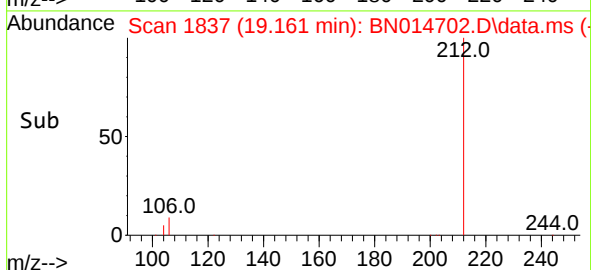
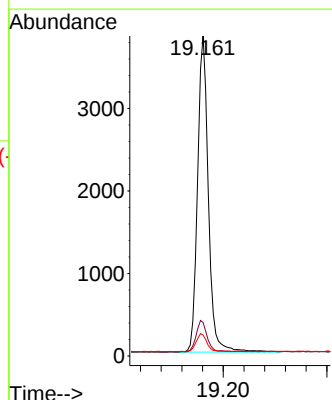
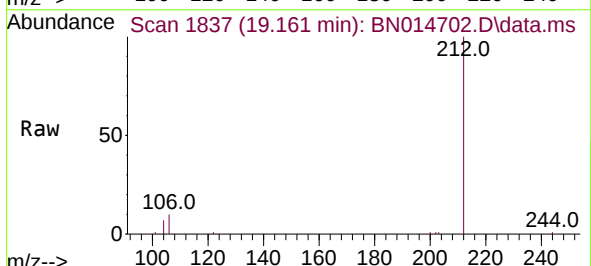
Instrument :
BNA_N
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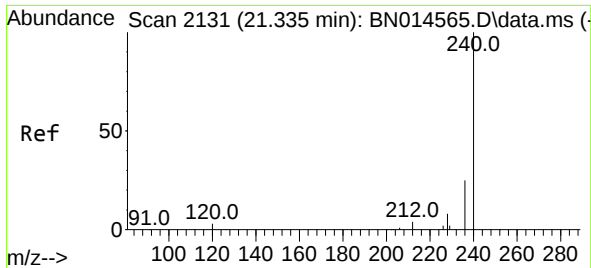
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 160.9 865.3 1297.9#
105 121.7 93.6 140.4



#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.161 min Scan# 1837
Delta R.T. 0.002 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:212 Resp: 5573
Ion Ratio Lower Upper
212 100
106 9.8 10.1 15.1#
104 5.6 5.4 8.2

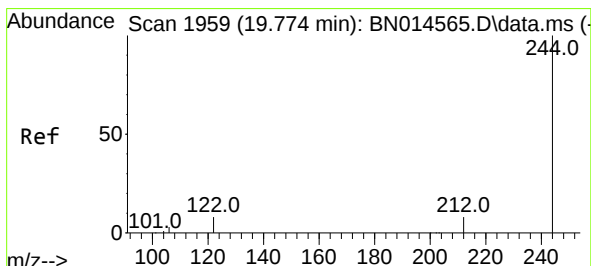
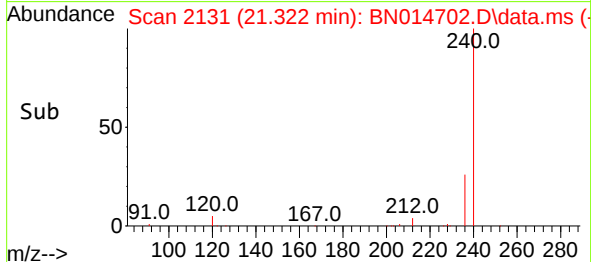
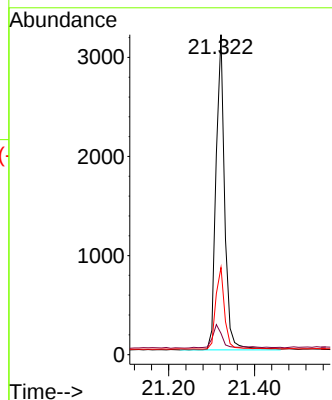
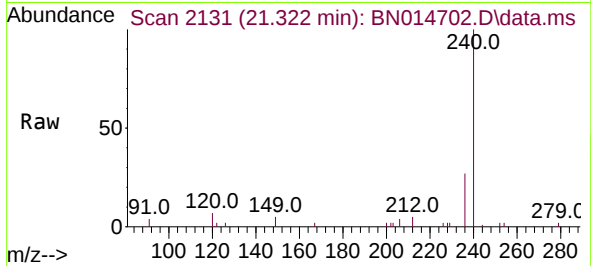




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.322 min Scan# 2131
Delta R.T. 0.008 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

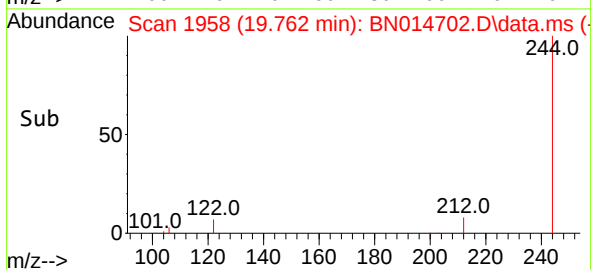
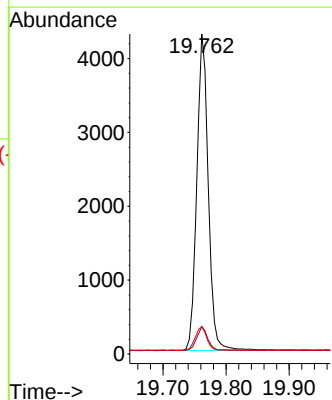
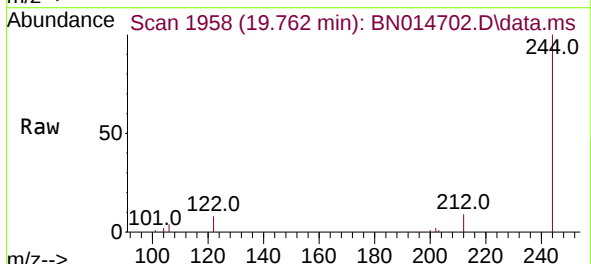
Instrument :
BNA_N
ClientSampleId :
PB136521BL

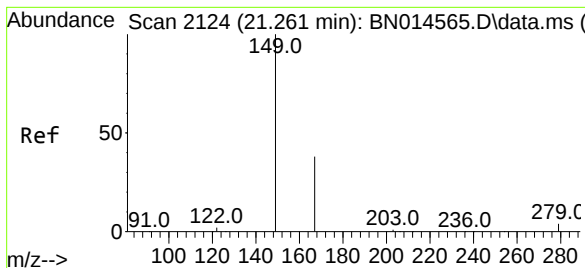
Tgt Ion:240 Resp: 4445
Ion Ratio Lower Upper
240 100
120 6.6 5.8 8.8
236 27.3 20.6 30.8



#31
Terphenyl-d14
Concen: 0.52 ng
RT: 19.762 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BN014702.D
Acq: 21 May 2021 20:23

Tgt Ion:244 Resp: 5415
Ion Ratio Lower Upper
244 100
212 8.6 6.0 9.0
122 8.4 9.3 13.9#

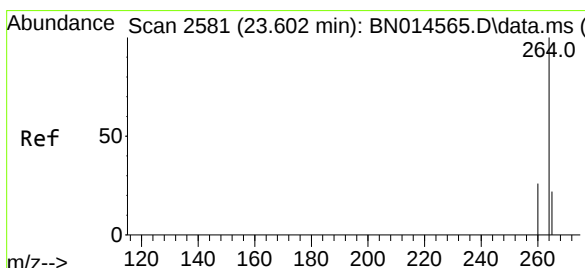
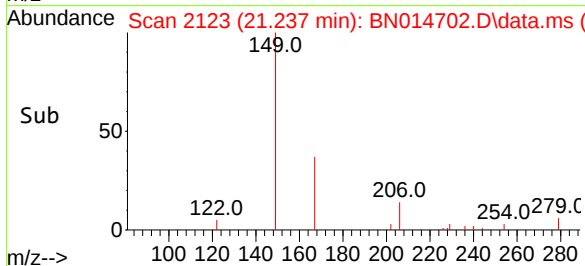
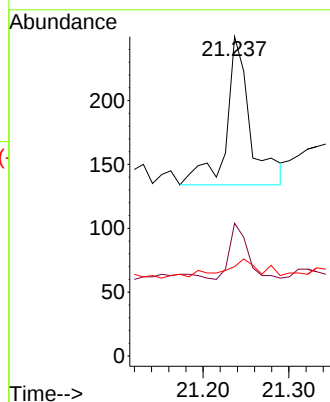
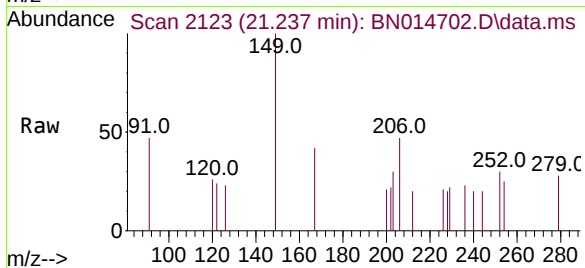




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.06 ng
 RT: 21.237 min Scan# 2123
 Delta R.T. -0.003 min
 Lab File: BN014702.D
 Acq: 21 May 2021 20:23

Instrument :
 BNA_N
 ClientSampleId :
 PB136521BL

Tgt Ion:149 Resp: 226
 Ion Ratio Lower Upper
 149 100
 167 28.3 20.5 30.7
 279 16.8 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.586 min Scan# 2578
 Delta R.T. 0.001 min
 Lab File: BN014702.D
 Acq: 21 May 2021 20:23

Tgt Ion:264 Resp: 4955
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.5 29.3
 265 42.6 35.4 53.0

