

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014697.D
 Acq On : 21 May 2021 17:24
 Operator : CG/JU
 Sample : M2383-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-02-05122021

Quant Time: May 21 17:53:12 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)

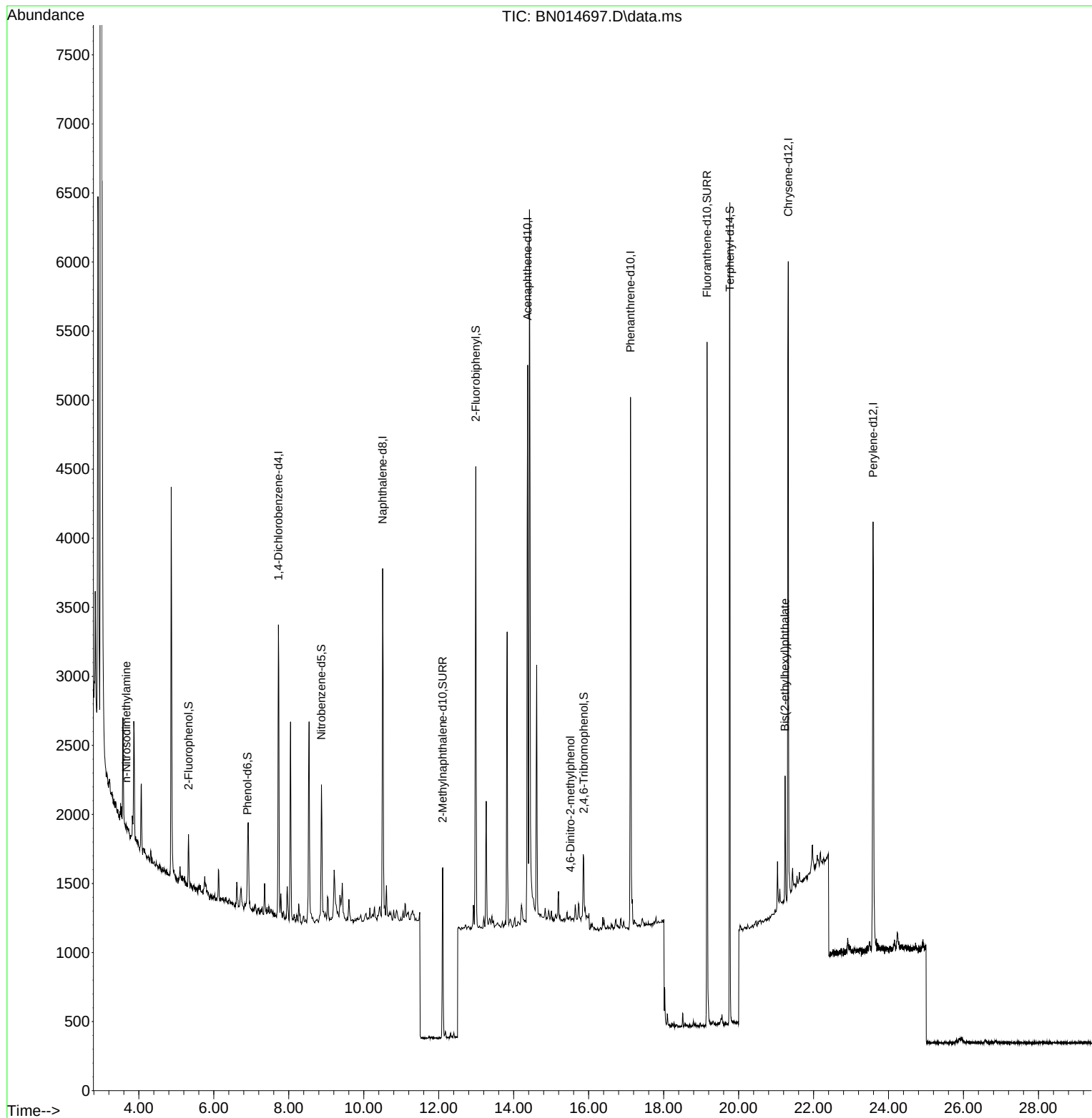
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	944	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3400	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2449	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	5173	0.40	ng	# 0.00
29) Chrysene-d12	21.324	240	4934	0.40	ng	# 0.01
35) Perylene-d12	23.588	264	4404	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	301	0.12	ng	0.00
5) Phenol-d6	6.895	99	238	0.07	ng	0.00
8) Nitrobenzene-d5	8.870	82	1007	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	1752	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	452	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	2831	0.32	ng	0.00
27) Fluoranthene-d10	19.159	212	5730	0.25	ng	0.00
31) Terphenyl-d14	19.764	244	6361	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.287	88	40	Below Cal	#	1
3) n-Nitrosodimethylamine	3.666	42	24	0.05	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.513	198	2	0.15	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.239	149	769	0.19	ng	# 79

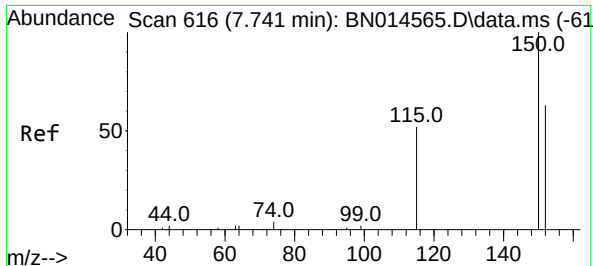
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 21 11:30:28 2021
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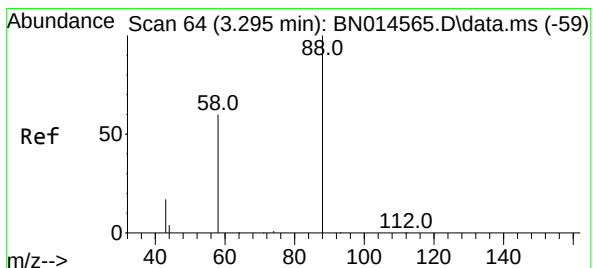
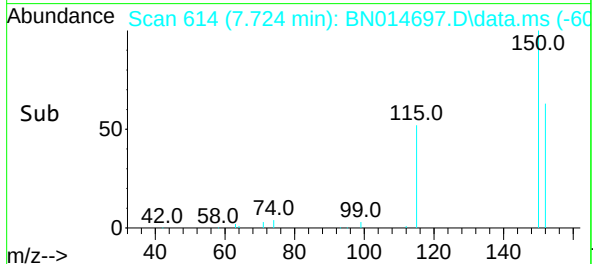
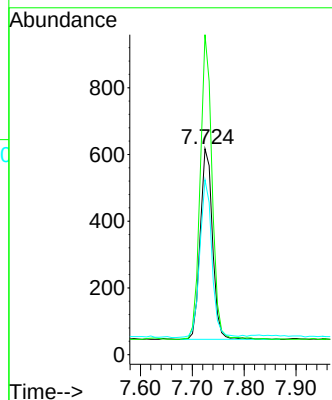
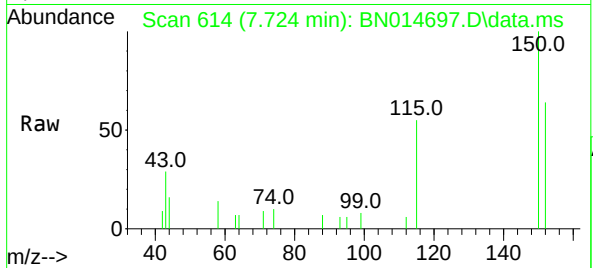




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.724 min Scan# 614
 Delta R.T. -0.001 min
 Lab File: BN014697.D
 Acq: 21 May 2021 17:24

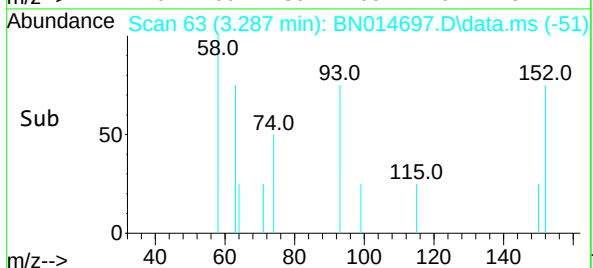
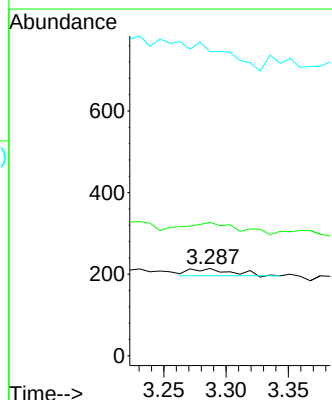
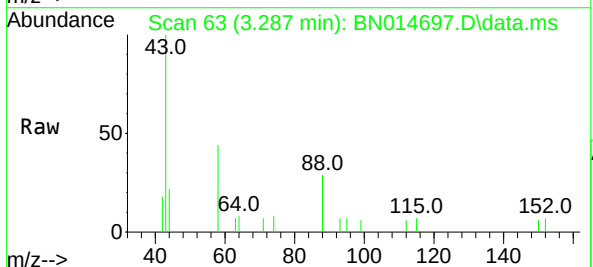
Instrument :
 BNA_N
 ClientSampleId :
 FB-02-05122021

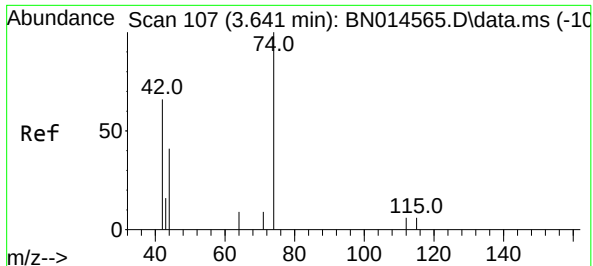
Tgt Ion:152 Resp: 944
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.8 185.8
 115 84.9 47.0 70.4#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.287 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: BN014697.D
 Acq: 21 May 2021 17:24

Tgt Ion: 88 Resp: 40
 Ion Ratio Lower Upper
 88 100
 58 212.5 44.4 66.6#
 43 0.0 15.9 23.9#

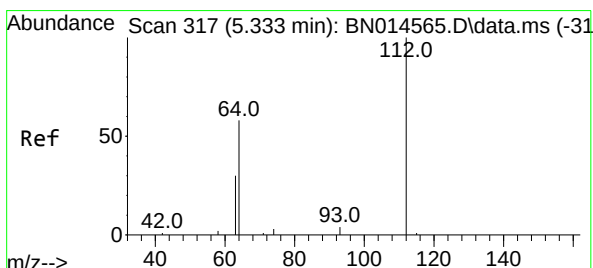
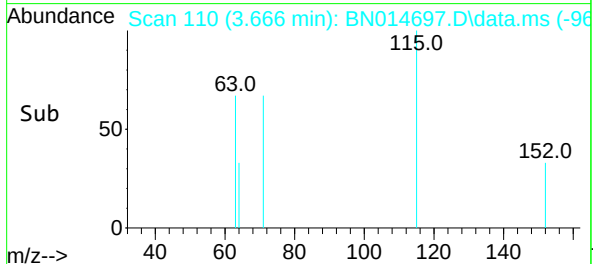
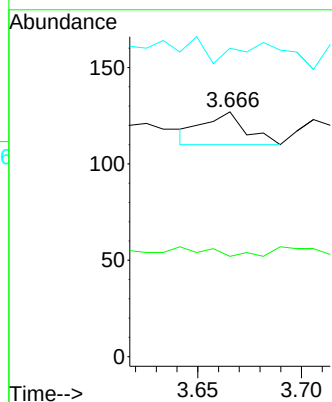
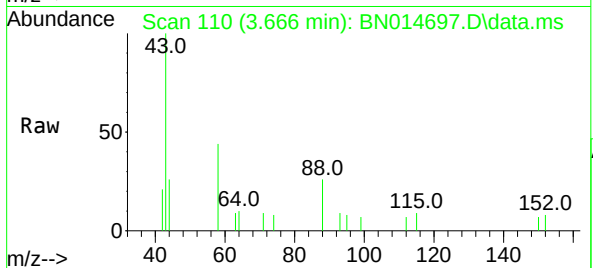




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.666 min Scan# 110
Delta R.T. 0.016 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

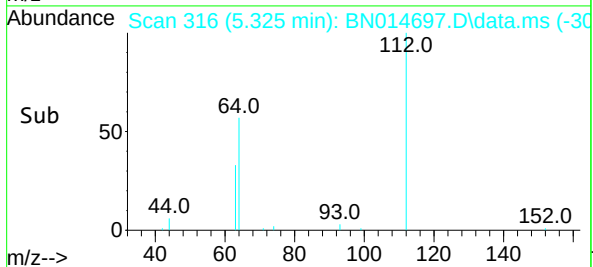
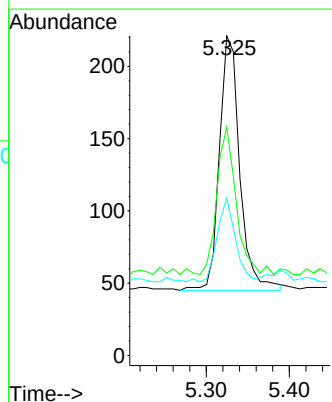
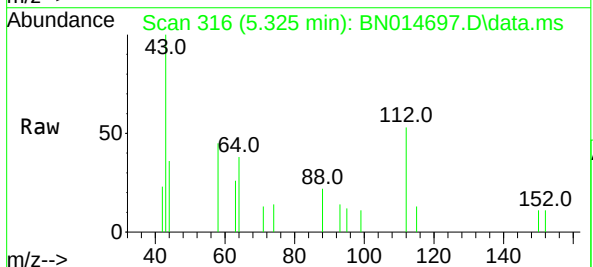
Instrument :
BNA_N
ClientSampleId :
FB-02-05122021

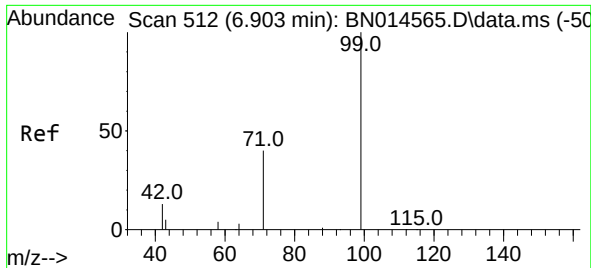
Tgt Ion: 42 Resp: 24
Ion Ratio Lower Upper
42 100
74 0.0 175.1 262.7#
44 0.0 7.5 11.3#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Tgt Ion: 112 Resp: 301
Ion Ratio Lower Upper
112 100
64 54.8 41.8 62.6
63 29.2 22.0 33.0

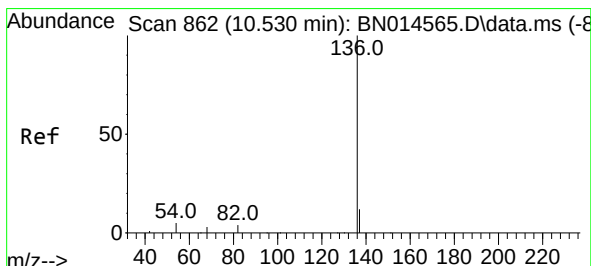
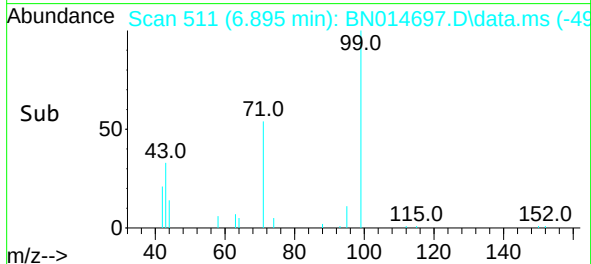
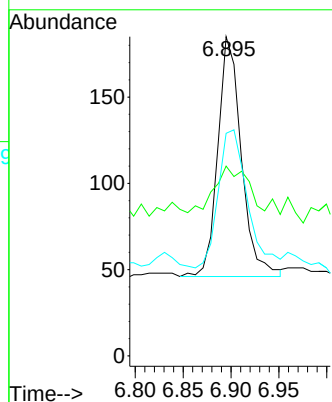
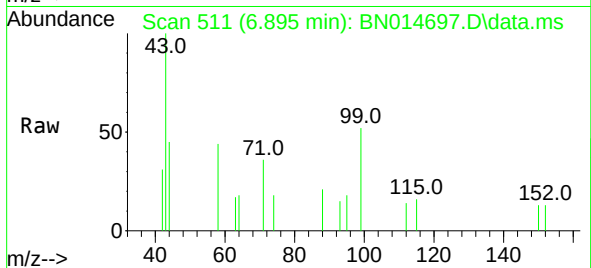




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

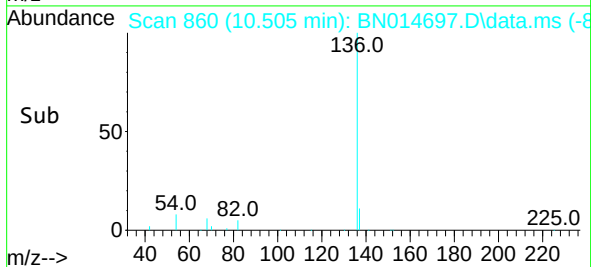
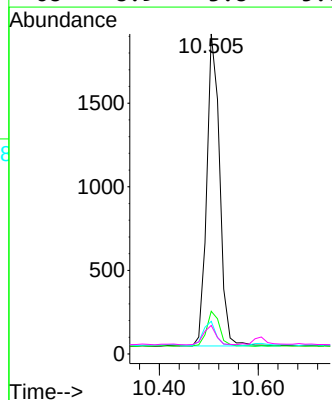
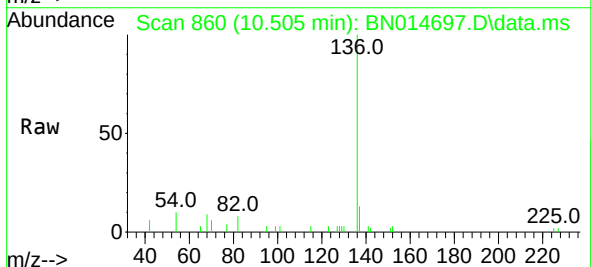
Instrument :
BNA_N
ClientSampleId :
FB-02-05122021

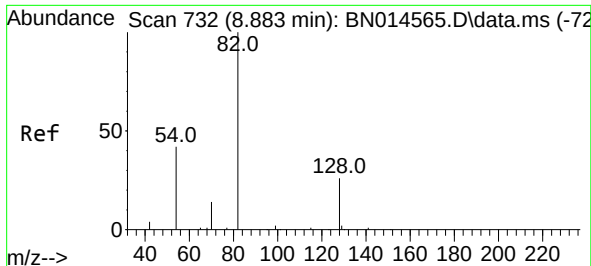
Tgt Ion: 99 Resp: 238
Ion Ratio Lower Upper
99 100
42 29.4 13.2 19.8#
71 70.6 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Tgt Ion: 136 Resp: 3400
Ion Ratio Lower Upper
136 100
137 13.4 8.9 13.3#
54 10.2 3.8 5.8#
68 8.9 3.8 5.6#

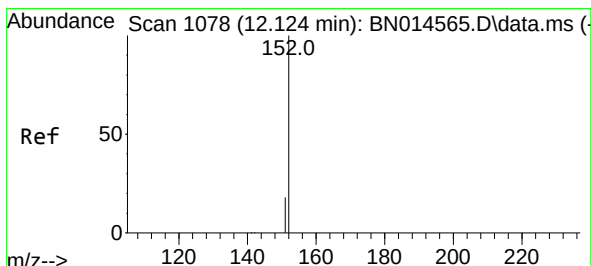
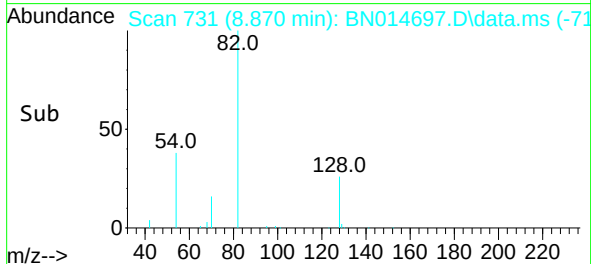
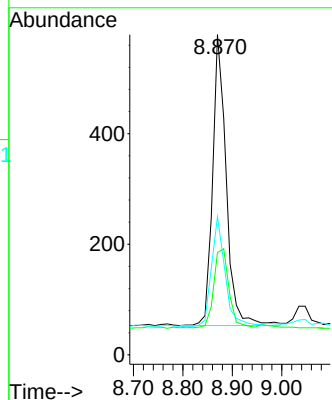
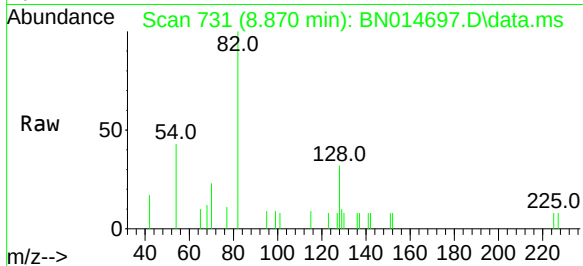




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

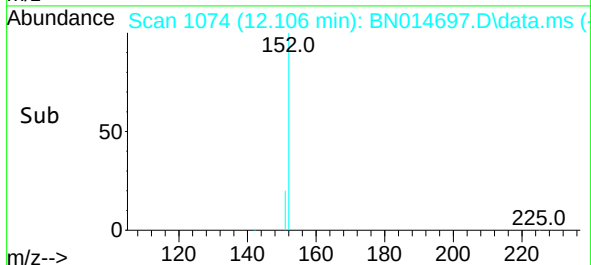
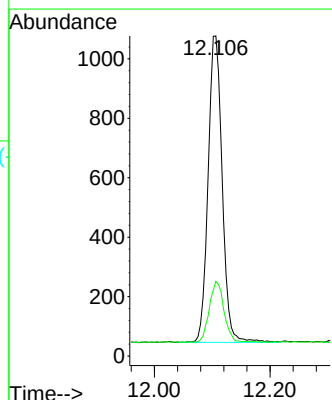
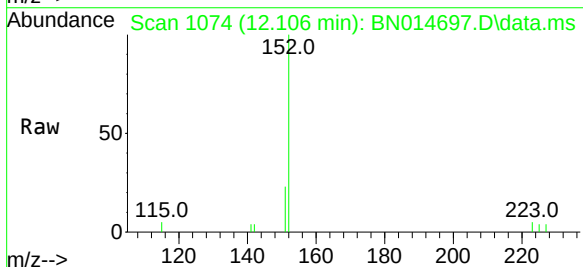
Instrument :
BNA_N
ClientSampleId :
FB-02-05122021

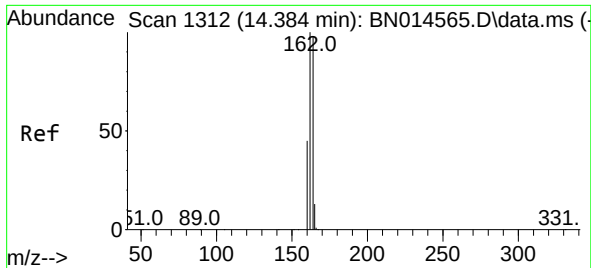
Tgt Ion: 82 Resp: 1007
Ion Ratio Lower Upper
82 100
128 32.0 29.5 44.3
54 43.2 36.9 55.3



#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.004 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Tgt Ion: 152 Resp: 1752
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2

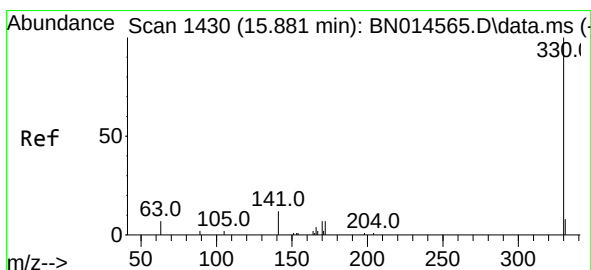
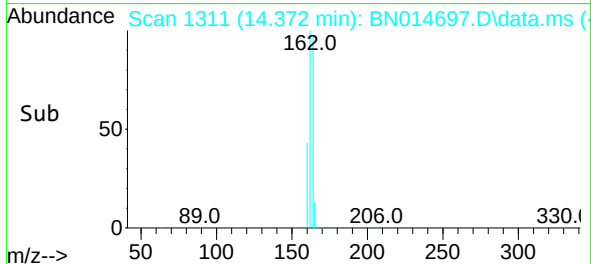
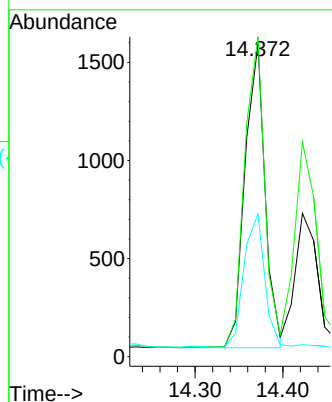
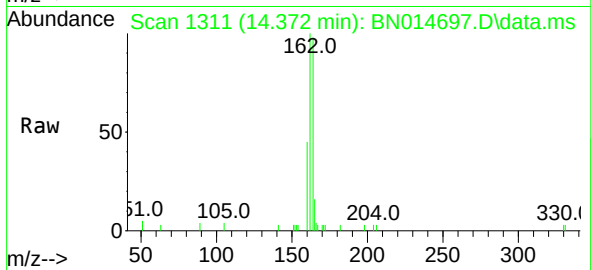




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

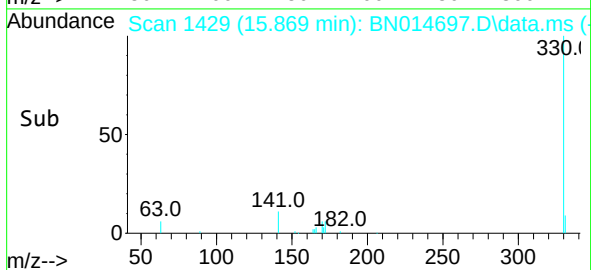
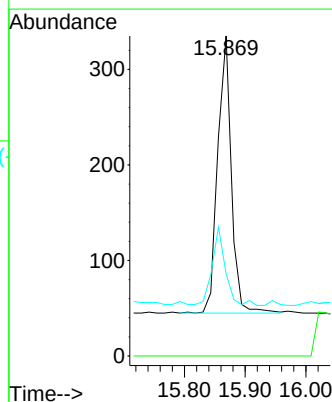
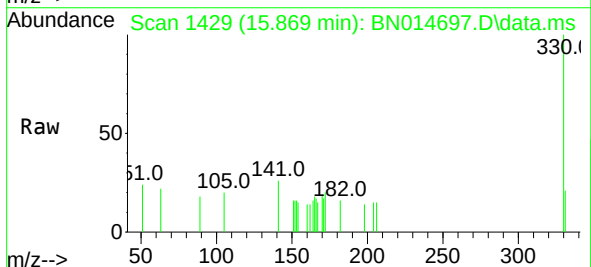
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ClientSampleId :
FB-02-05122021

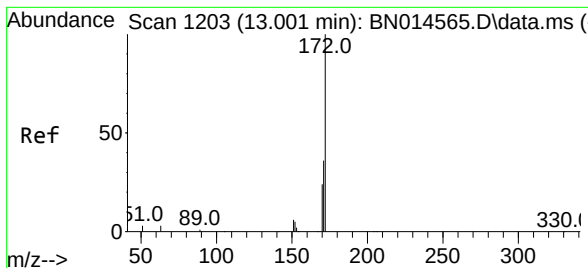
Tgt Ion:164 Resp: 2449
Ion Ratio Lower Upper
164 100
162 102.3 78.6 118.0
160 45.6 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Tgt Ion:330 Resp: 452
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.4 27.0 40.4

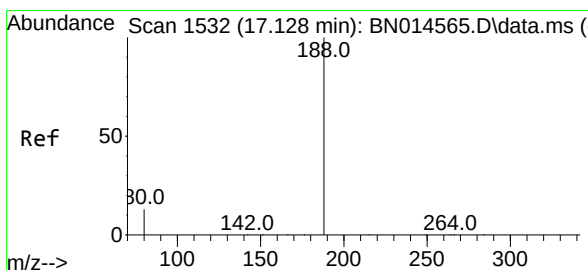
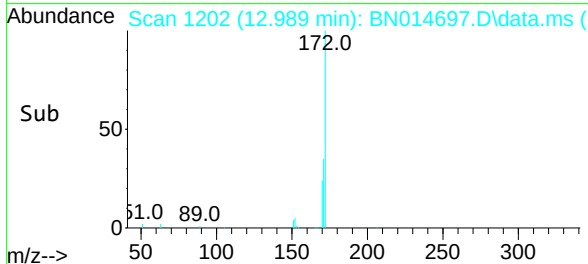
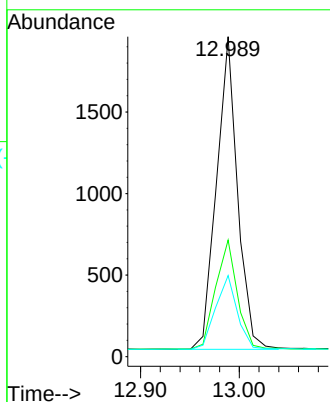
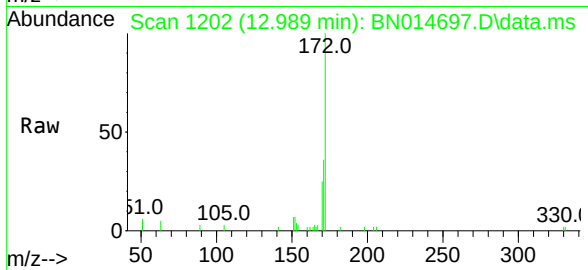




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

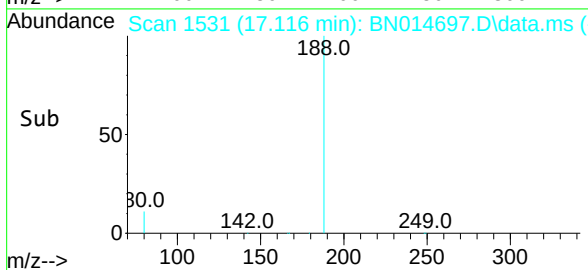
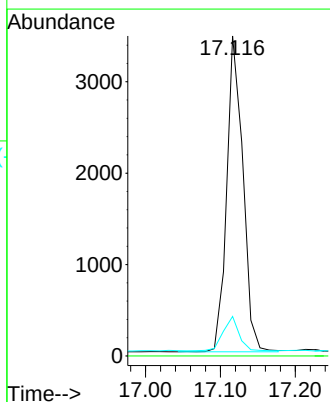
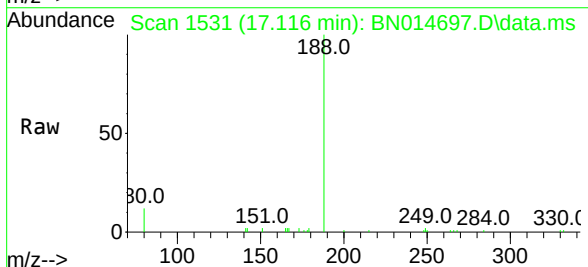
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BNA_N
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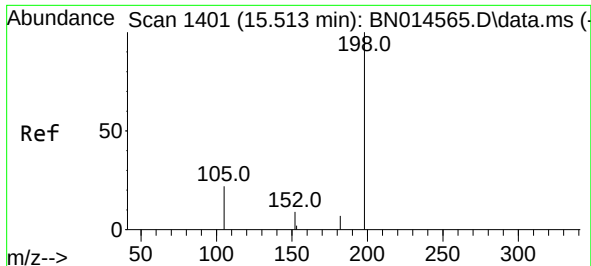
Tgt Ion:	172	Resp:	2831
Ion Ratio	Lower	Upper	
172	100		
171	36.4	27.1	40.7
170	25.3	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Tgt Ion:	188	Resp:	5173
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.3	5.2	7.8

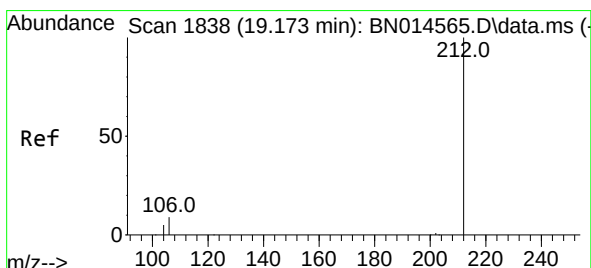
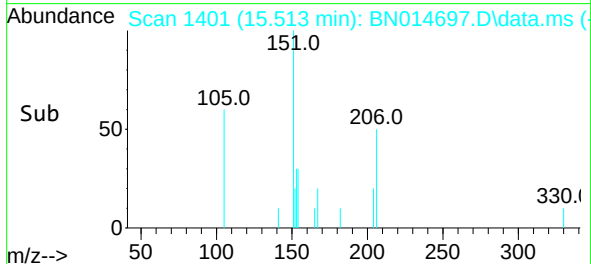
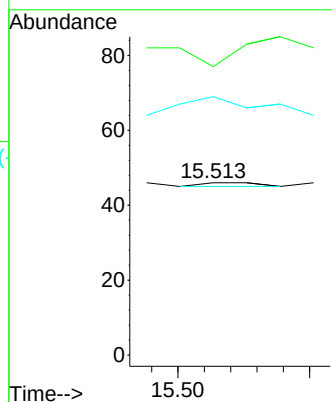
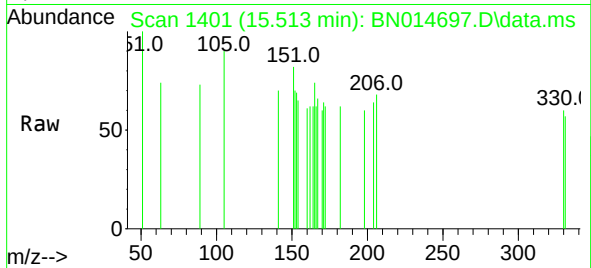




#20
4,6-Dinitro-2-methylphenol
Concen: 0.15 ng
RT: 15.513 min Scan# 1401
Delta R.T. 0.013 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

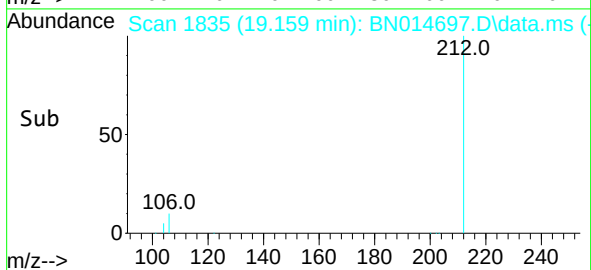
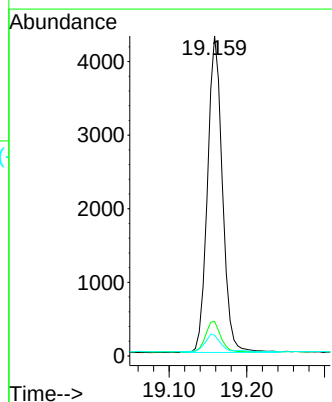
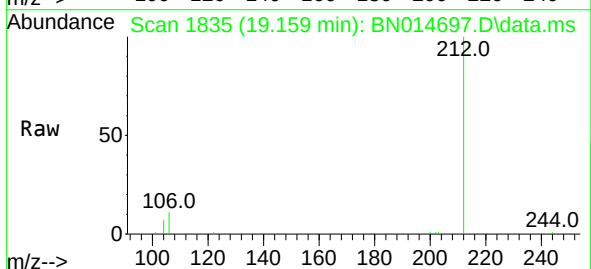
Instrument :
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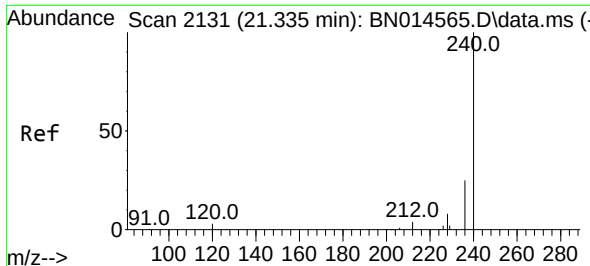
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 167.4 865.3 1297.9#
105 150.0 93.6 140.4#



#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.159 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Tgt Ion:212 Resp: 5730
Ion Ratio Lower Upper
212 100
106 9.7 10.1 15.1#
104 5.8 5.4 8.2

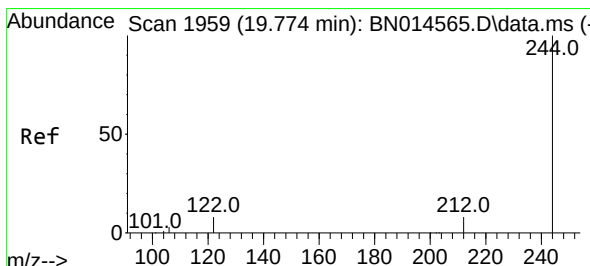
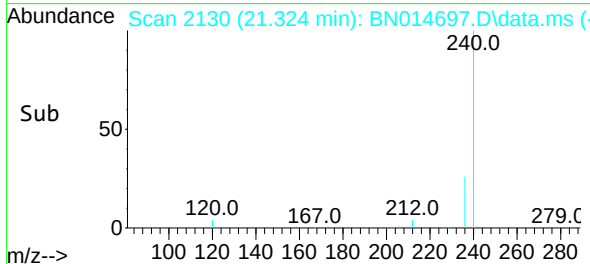
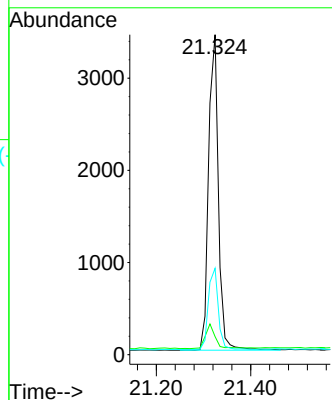
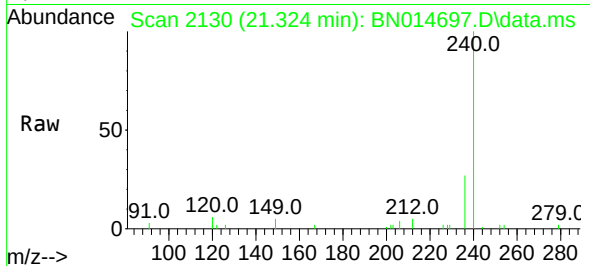




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.324 min Scan# 2130
Delta R.T. 0.011 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

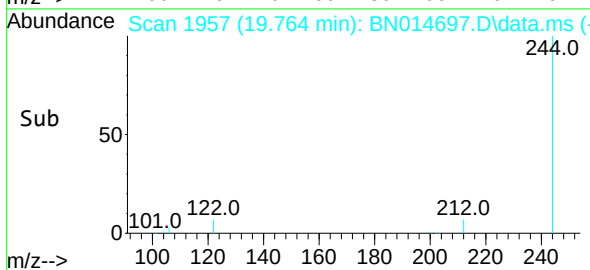
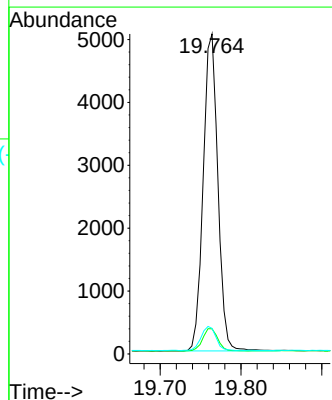
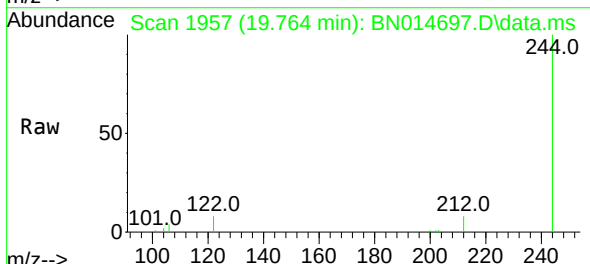
Instrument :
BNA_N
ClientSampleId :
FB-02-05122021

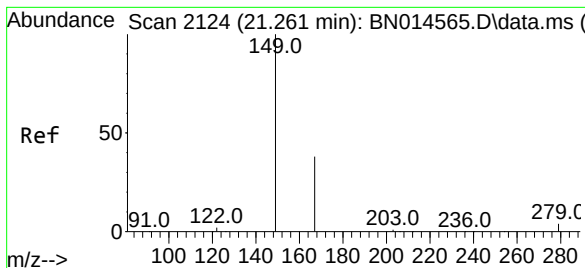
Tgt Ion:240 Resp: 4934
Ion Ratio Lower Upper
240 100
120 5.7 5.8 8.8#
236 27.0 20.6 30.8



#31
Terphenyl-d14
Concen: 0.55 ng
RT: 19.764 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Tgt Ion:244 Resp: 6361
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 8.0 9.3 13.9#

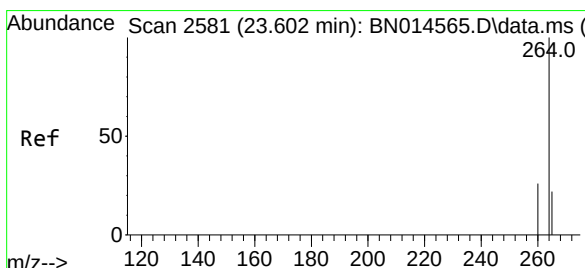
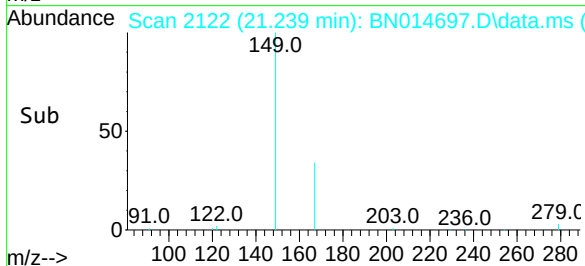
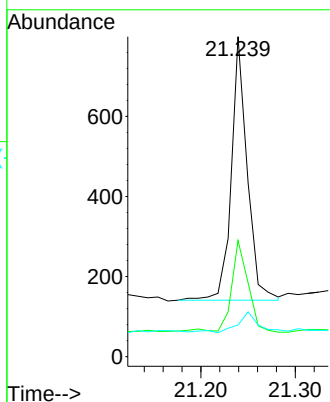
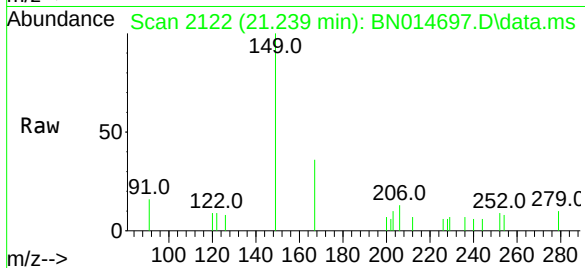




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Instrument :
BNA_N
ClientSampleId :
FB-02-05122021

Tgt Ion:149 Resp: 769
Ion Ratio Lower Upper
149 100
167 36.8 20.5 30.7#
279 7.4 2.9 4.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.588 min Scan# 2577
Delta R.T. 0.003 min
Lab File: BN014697.D
Acq: 21 May 2021 17:24

Tgt Ion:264 Resp: 4404
Ion Ratio Lower Upper
264 100
260 27.9 19.5 29.3
265 45.9 35.4 53.0

