

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015033.D
 Acq On : 24 Jun 2021 07:22
 Operator : CG/JU
 Sample : M2784-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20210618

Quant Time: Jun 24 07:57:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 16:24:59 2021
 Response via : Initial Calibration

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

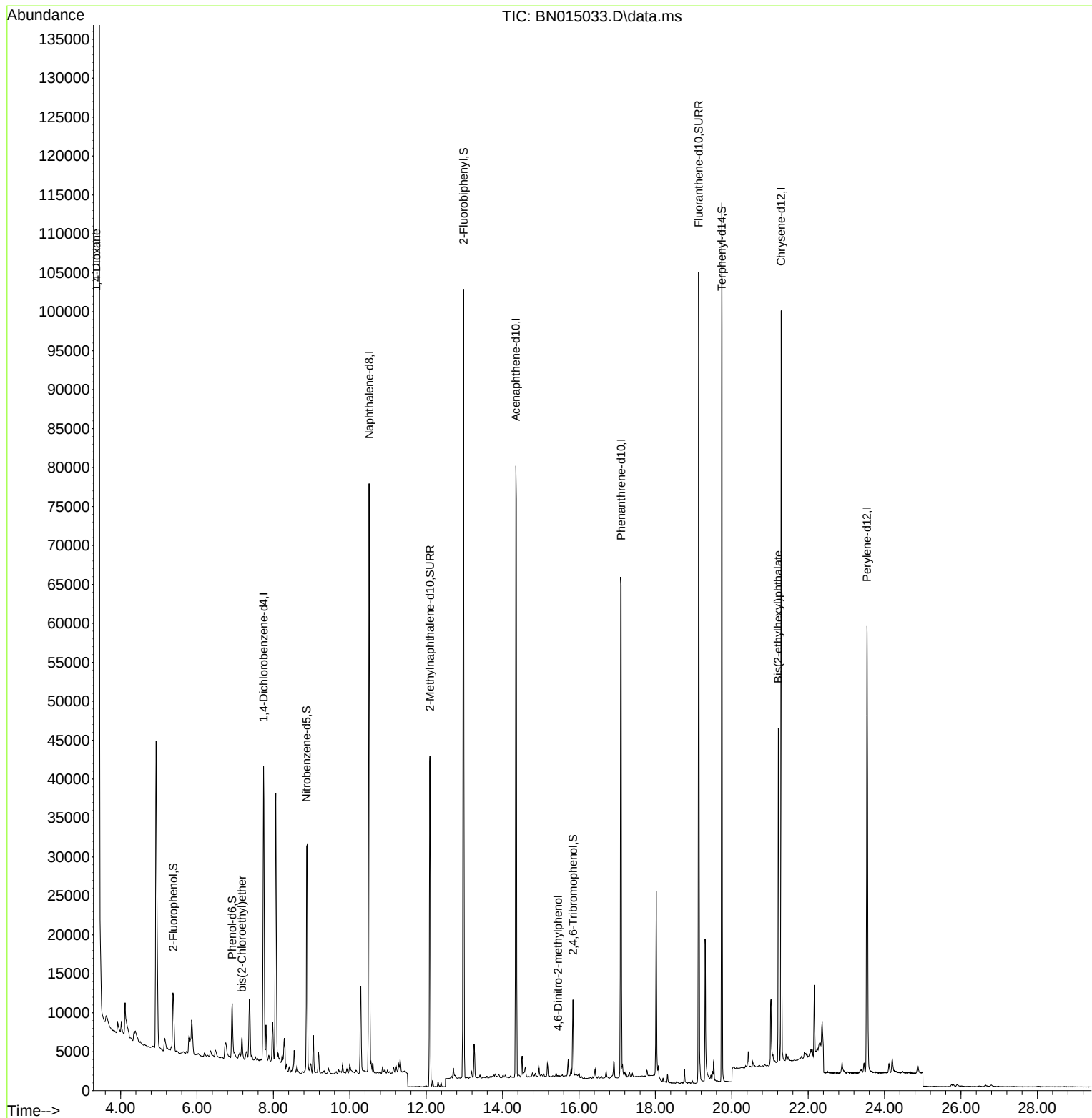
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	21798	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	98160	0.40	ng	0.00
13) Acenaphthene-d10	14.346	164	51993	0.40	ng	-0.01
19) Phenanthrene-d10	17.104	188	99213	0.40	ng	# 0.00
29) Chrysene-d12	21.292	240	88685	0.40	ng	#-0.01
35) Perylene-d12	23.540	264	76297	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.381	112	10003	0.15	ng	0.00
5) Phenol-d6	6.920	99	6974	0.08	ng	0.00
8) Nitrobenzene-d5	8.870	82	27208	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.097	152	57770	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	7484	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	84730	0.43	ng	0.00
27) Fluoranthene-d10	19.133	212	112172	0.36	ng	0.00
31) Terphenyl-d14	19.739	244	105768	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	57148	6.25	ng	# 72
6) bis(2-Chloroethyl)ether	7.179	93	2677	0.04	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.450	198	8	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.218	149	45378	0.19	ng	# 87

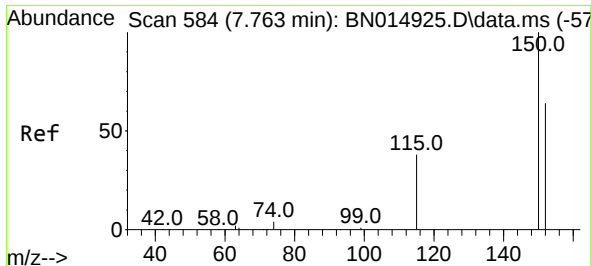
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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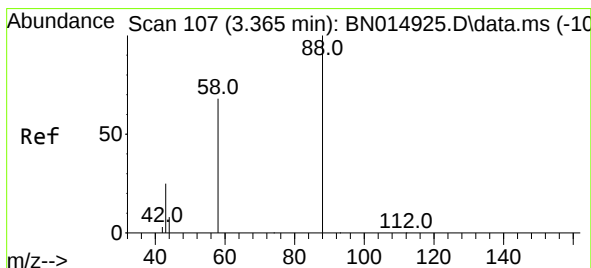
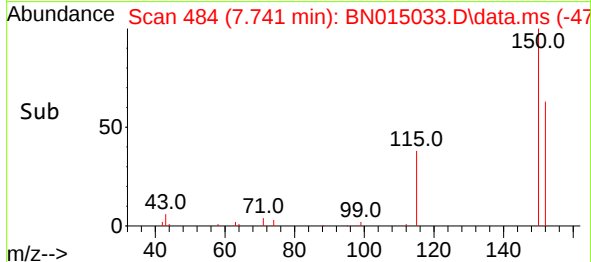
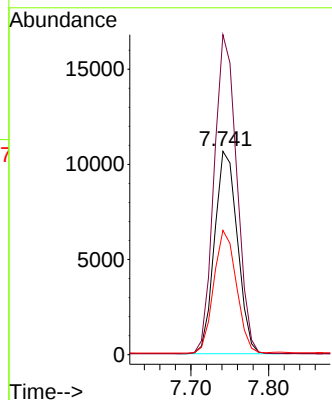
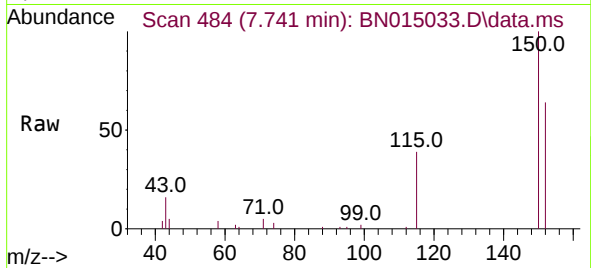




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.741 min Scan# 484
 Delta R.T. -0.009 min
 Lab File: BN015033.D
 Acq: 24 Jun 2021 07:22

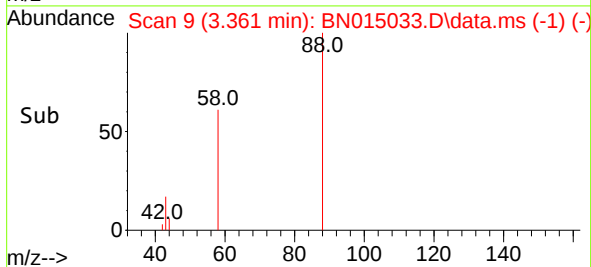
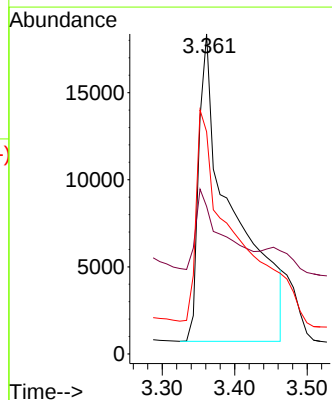
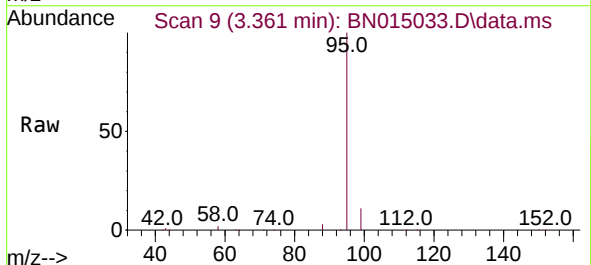
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20210618

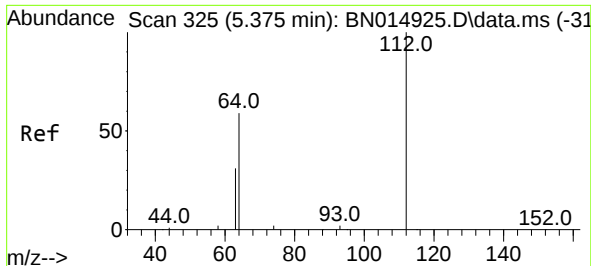
Tgt Ion:152 Resp: 21798
 Ion Ratio Lower Upper
 152 100
 150 157.3 119.0 178.6
 115 61.1 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 6.25 ng
 RT: 3.361 min Scan# 9
 Delta R.T. 0.009 min
 Lab File: BN015033.D
 Acq: 24 Jun 2021 07:22

Tgt Ion: 88 Resp: 57148
 Ion Ratio Lower Upper
 88 100
 43 19.5 12.9 19.3#
 58 71.3 38.1 57.1#

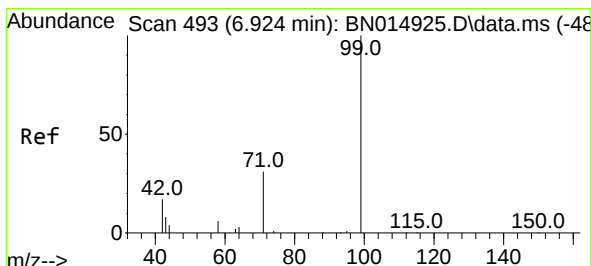
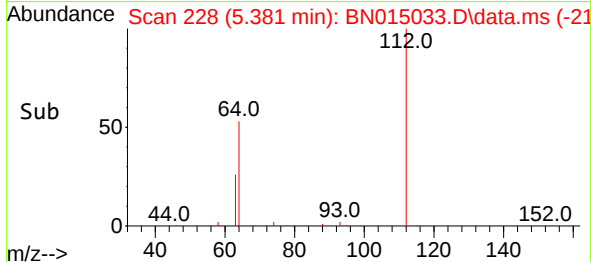
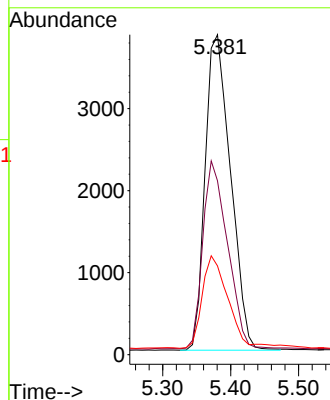
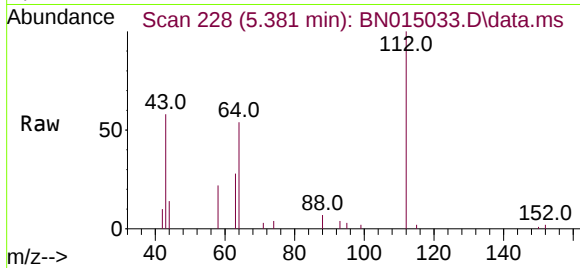




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.381 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

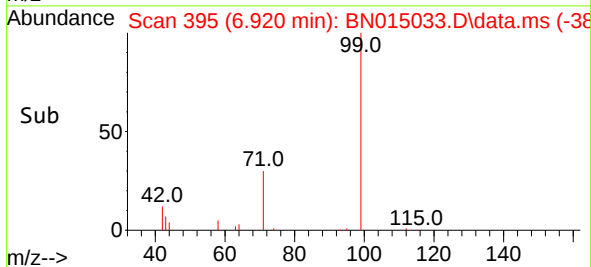
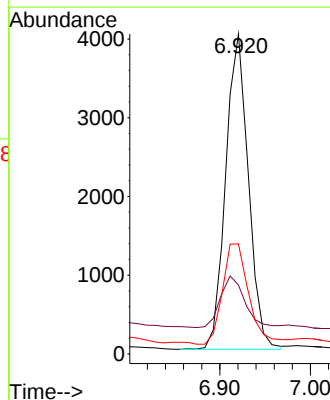
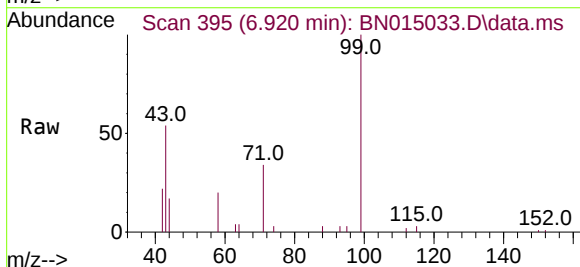
Instrument :
BNA_N
ClientSampleId :
RE132D7-20210618

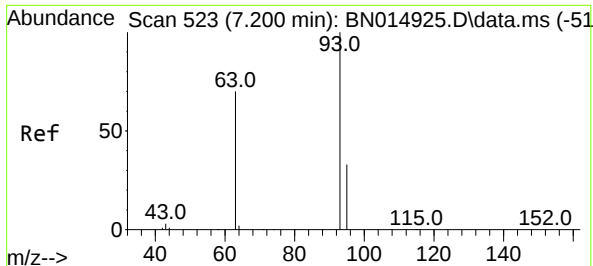
Tgt Ion:112 Resp: 10003
Ion Ratio Lower Upper
112 100
64 57.9 39.0 58.6
63 30.1 20.6 30.8



#5
Phenol-d6
Concen: 0.08 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

Tgt Ion: 99 Resp: 6974
Ion Ratio Lower Upper
99 100
42 17.3 8.9 13.3#
71 36.5 35.6 53.4

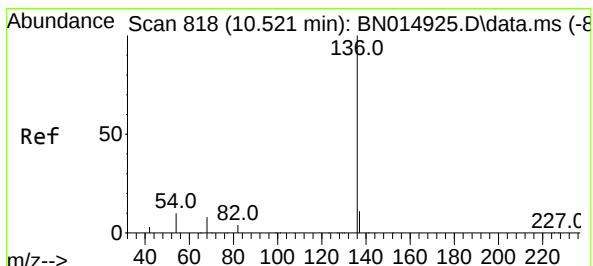
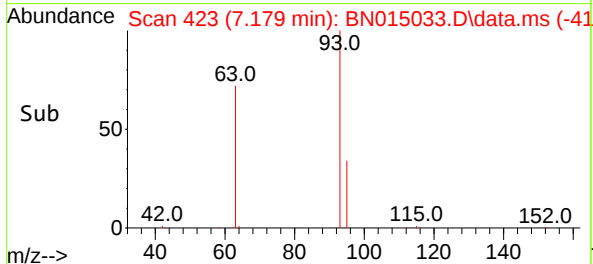
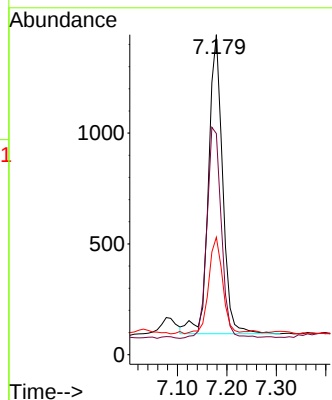
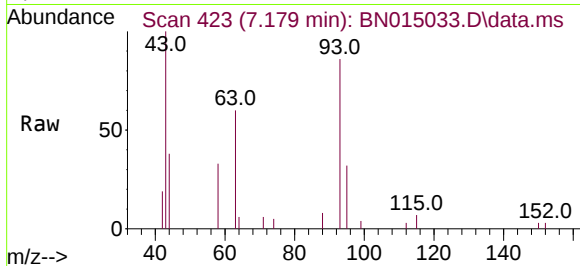




#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.179 min Scan# 423
Delta R.T. 0.000 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

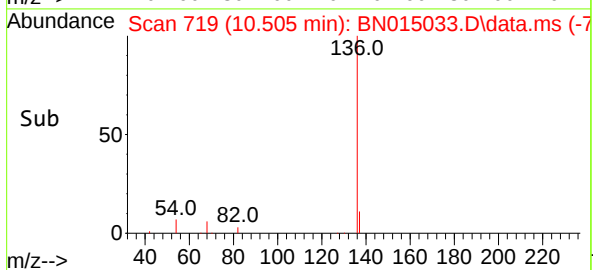
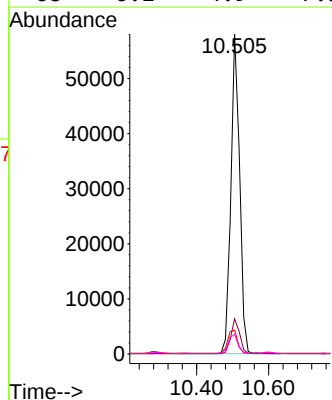
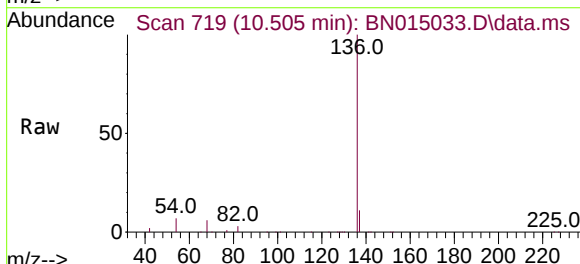
Instrument :
BNA_N
ClientSampleId :
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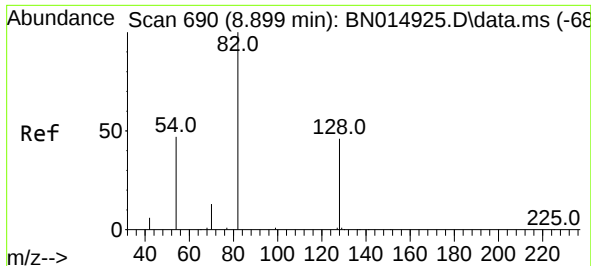
Tgt Ion: 93 Resp: 2677
Ion Ratio Lower Upper
93 100
63 72.5 46.6 70.0#
95 31.7 28.6 42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. 0.000 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

Tgt Ion: 136 Resp: 98160
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.5 5.4 8.2
68 6.2 4.9 7.3

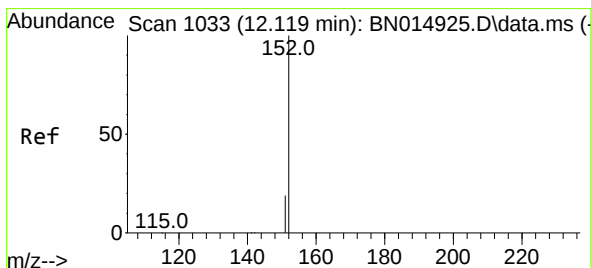
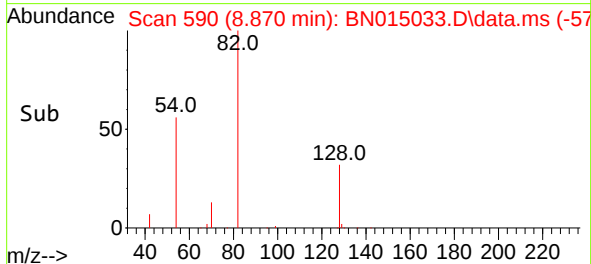
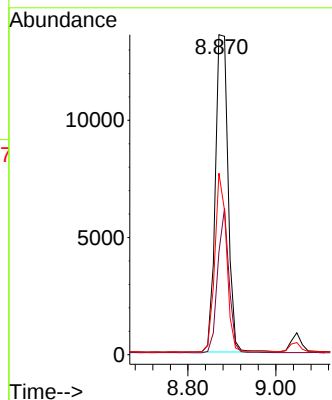
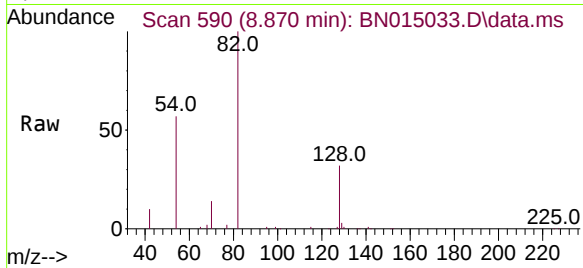




#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.013 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

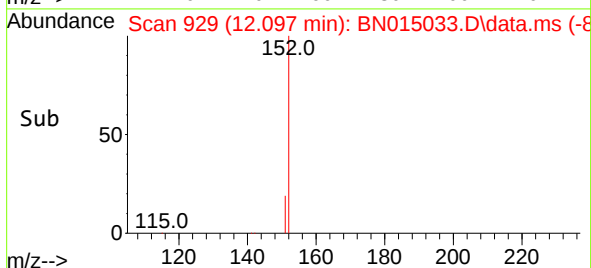
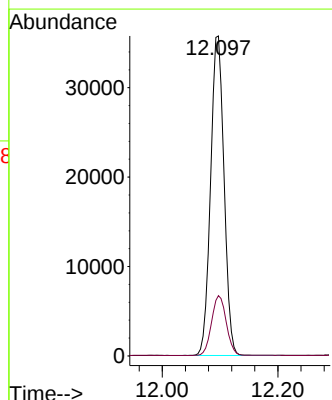
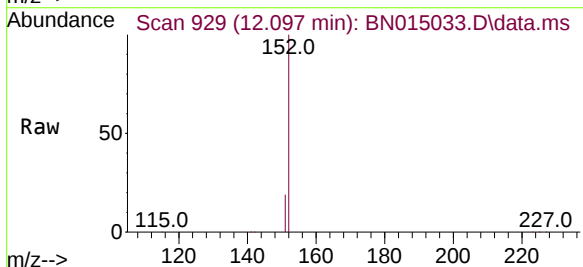
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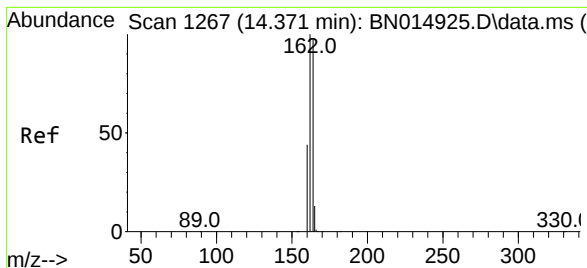
Tgt Ion: 82 Resp: 27208
Ion Ratio Lower Upper
82 100
128 32.0 31.6 47.4
54 56.7 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.097 min Scan# 929
Delta R.T. 0.000 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

Tgt Ion:152 Resp: 57770
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

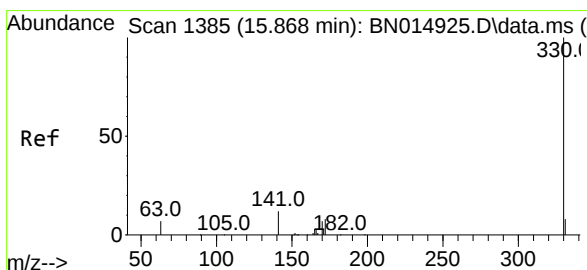
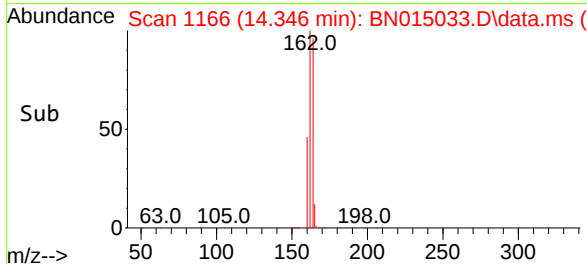
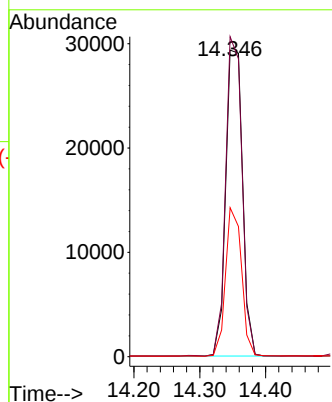
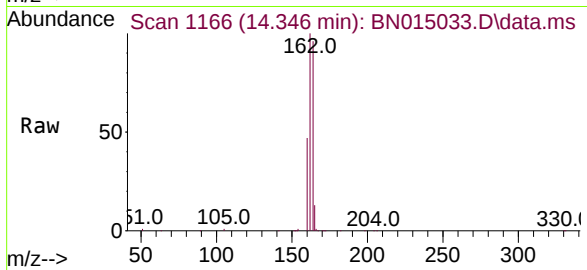




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1166
Delta R.T. -0.013 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

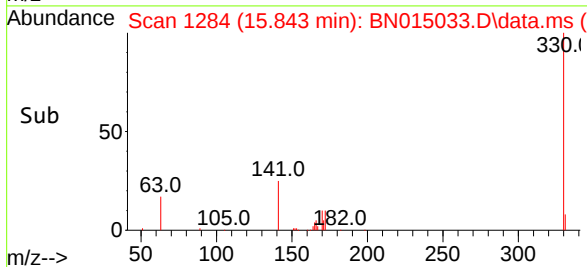
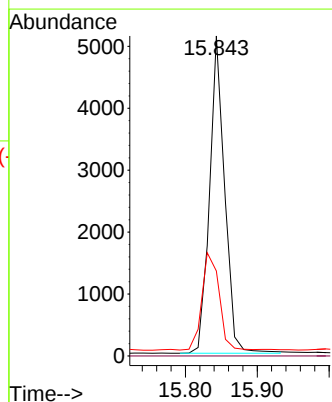
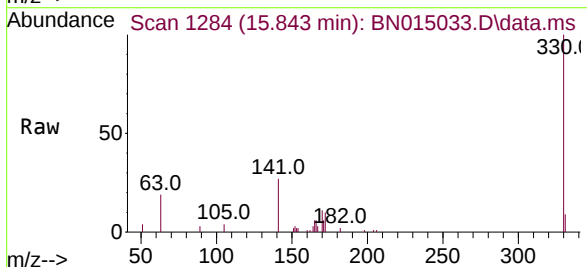
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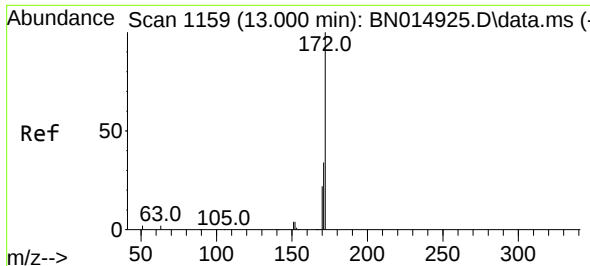
Tgt Ion:164 Resp: 51993
Ion Ratio Lower Upper
164 100
162 104.4 83.8 125.6
160 48.6 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.843 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

Tgt Ion:330 Resp: 7484
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.7 22.4 33.6#

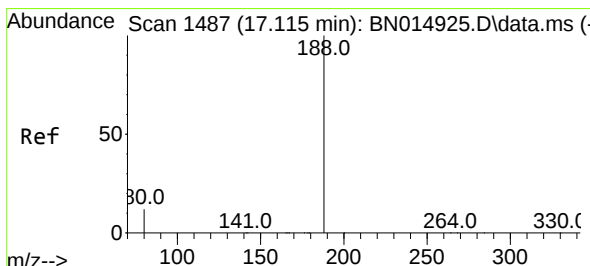
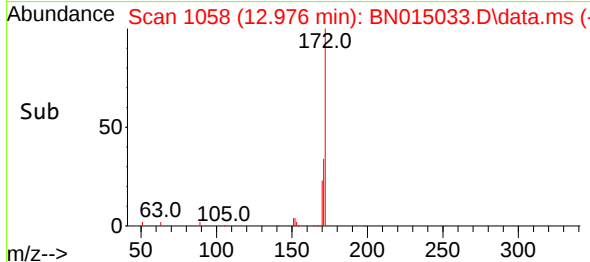
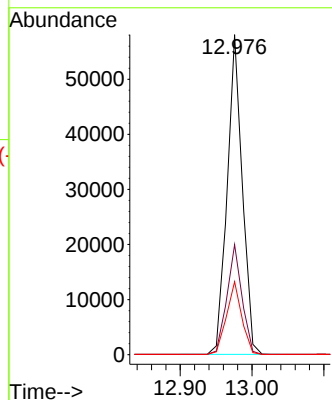
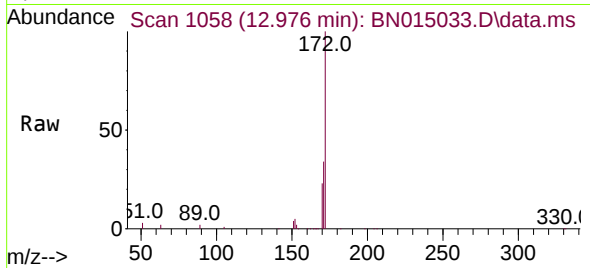




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.976 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

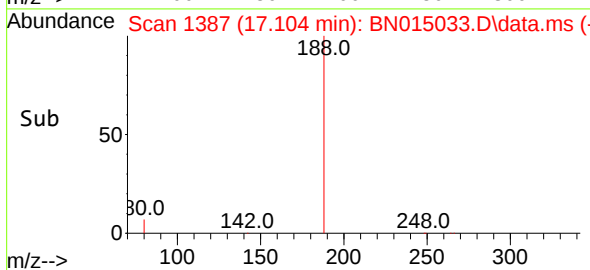
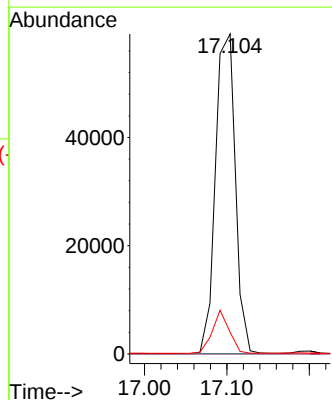
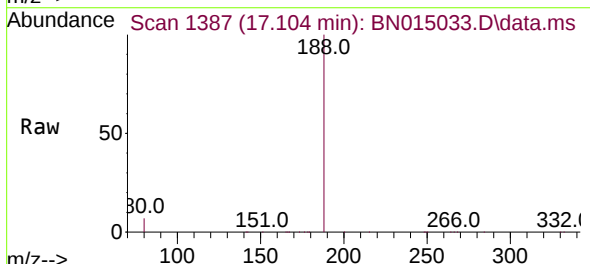
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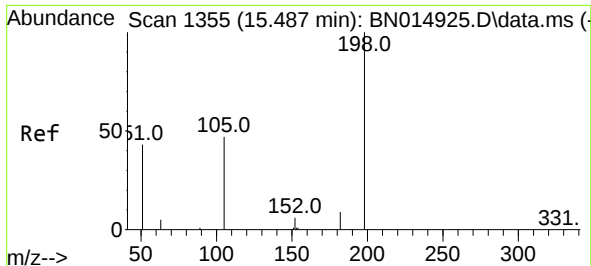
Tgt Ion:172 Resp: 84730
Ion Ratio Lower Upper
172 100
171 34.4 30.6 45.8
170 22.8 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

Tgt Ion:188 Resp: 99213
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 9.0 13.4#

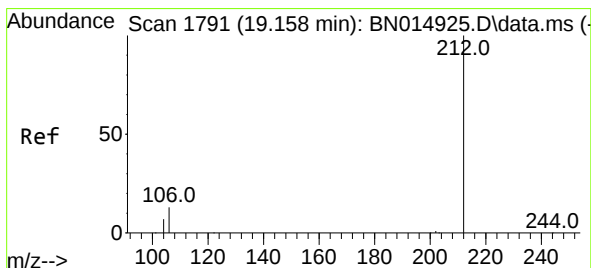
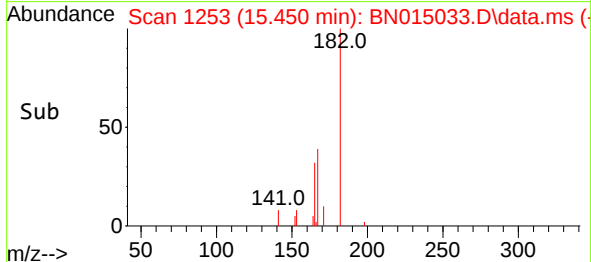
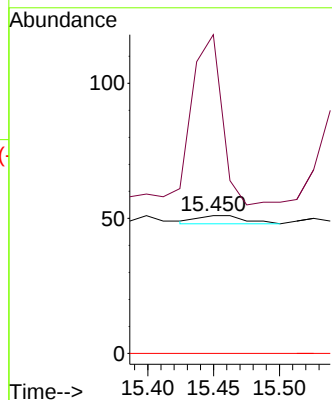
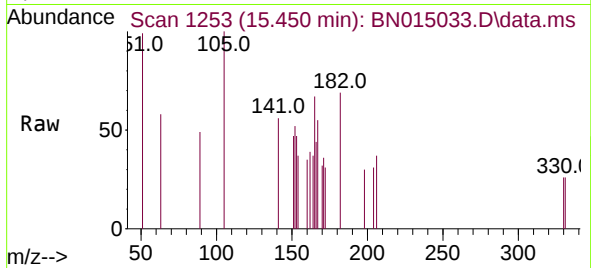




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.11 ng
 RT: 15.450 min Scan# 1253
 Delta R.T. -0.025 min
 Lab File: BN015033.D
 Acq: 24 Jun 2021 07:22

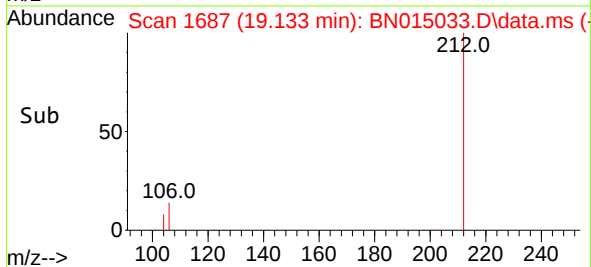
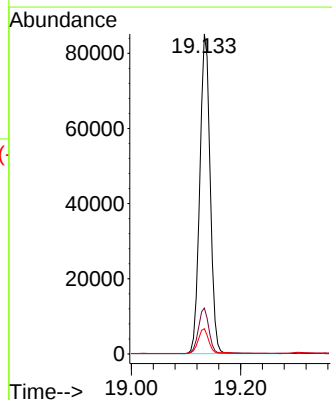
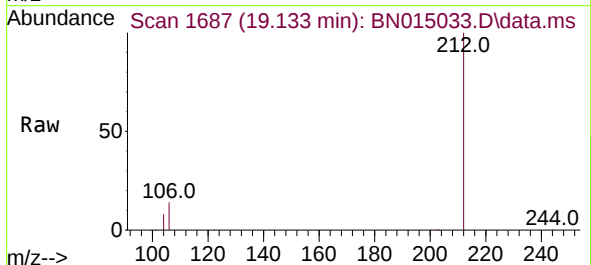
Instrument :
 BNA_N
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 RE132D7-20210618

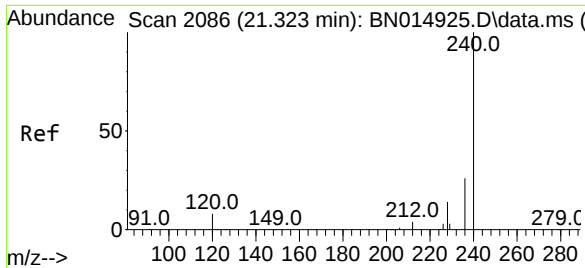
Tgt Ion:198	Resp:	8
Ion Ratio	Lower	Upper
198	100	
182	231.4	34.5 51.7#
77	0.0	0.0 0.0



#27
 Fluoranthene-d10
 Concen: 0.36 ng
 RT: 19.133 min Scan# 1687
 Delta R.T. -0.005 min
 Lab File: BN015033.D
 Acq: 24 Jun 2021 07:22

Tgt Ion:212	Resp:	112172
Ion Ratio	Lower	Upper
212	100	
106	14.4	7.0 10.6#
104	7.7	4.1 6.1#

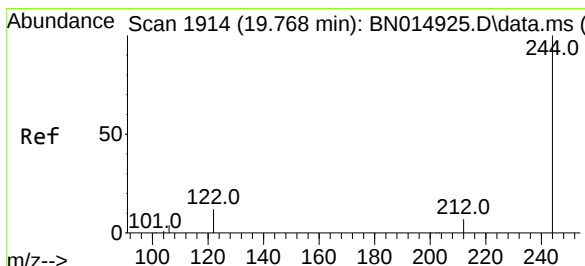
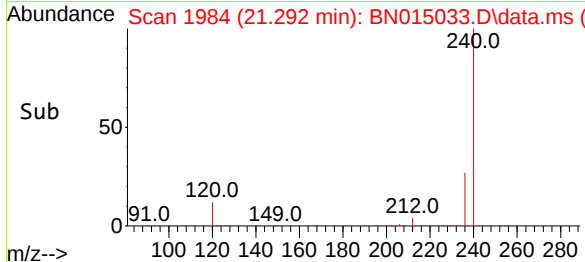
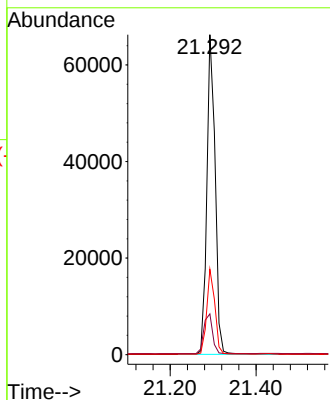
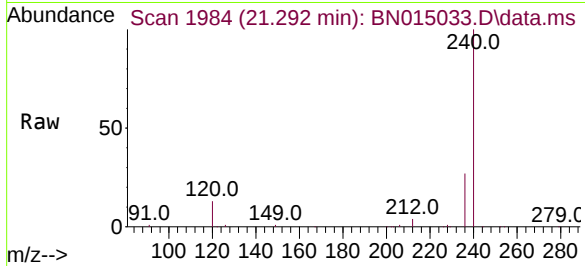




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

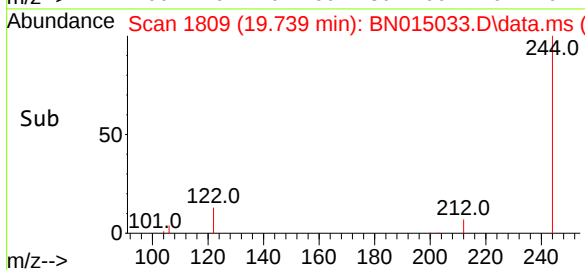
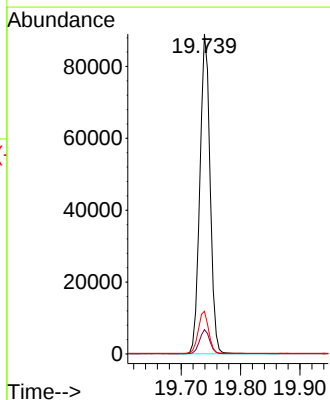
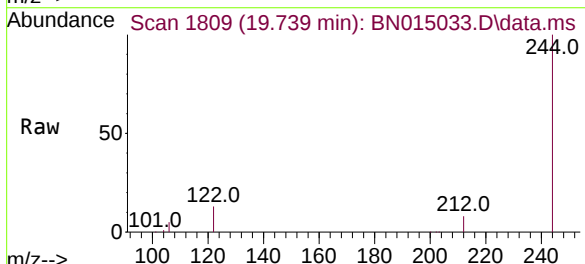
Instrument :
BNA_N
ClientSampleId :
RE132D7-20210618

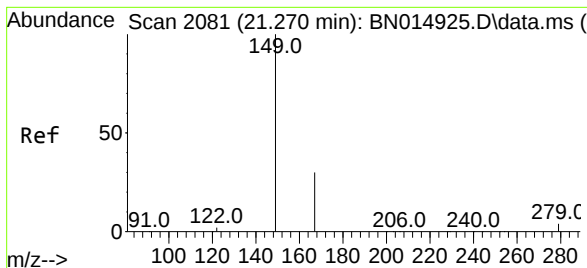
Tgt Ion:240 Resp: 88685
Ion Ratio Lower Upper
240 100
120 12.7 4.2 6.4#
236 26.7 21.4 32.2



#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.739 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN015033.D
Acq: 24 Jun 2021 07:22

Tgt Ion:244 Resp: 105768
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 13.4 6.2 9.2#

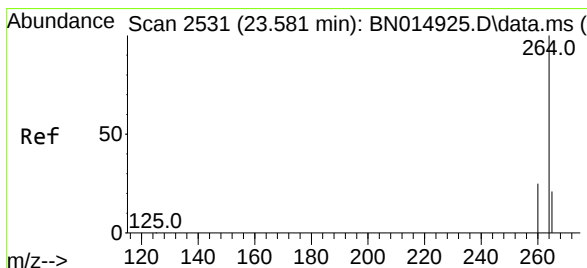
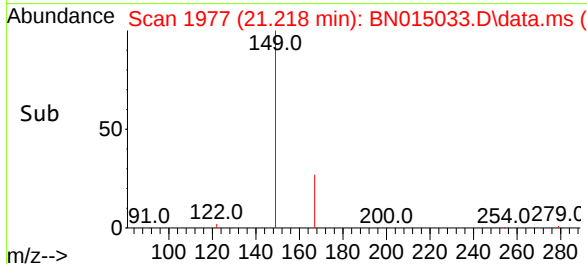
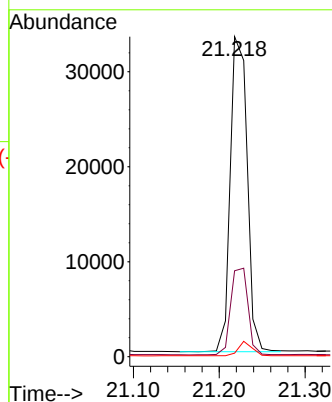
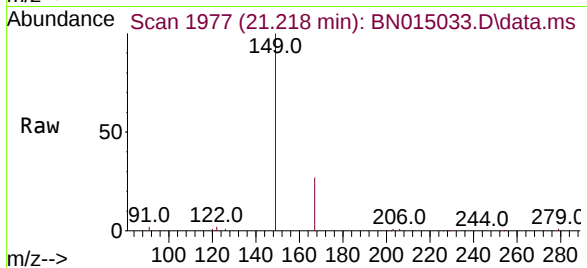




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng
 RT: 21.218 min Scan# 1977
 Delta R.T. -0.011 min
 Lab File: BN015033.D
 Acq: 24 Jun 2021 07:22

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20210618

Tgt Ion:149 Resp: 45378
 Ion Ratio Lower Upper
 149 100
 167 28.1 28.9 43.3#
 279 3.7 4.9 7.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.540 min Scan# 2420
 Delta R.T. -0.014 min
 Lab File: BN015033.D
 Acq: 24 Jun 2021 07:22

Tgt Ion:264 Resp: 76297
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 31.0
 265 24.1 21.4 32.2

