

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015034.D
 Acq On : 24 Jun 2021 07:58
 Operator : CG/JU
 Sample : M2784-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20210618

Quant Time: Jun 24 08:38:05 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)

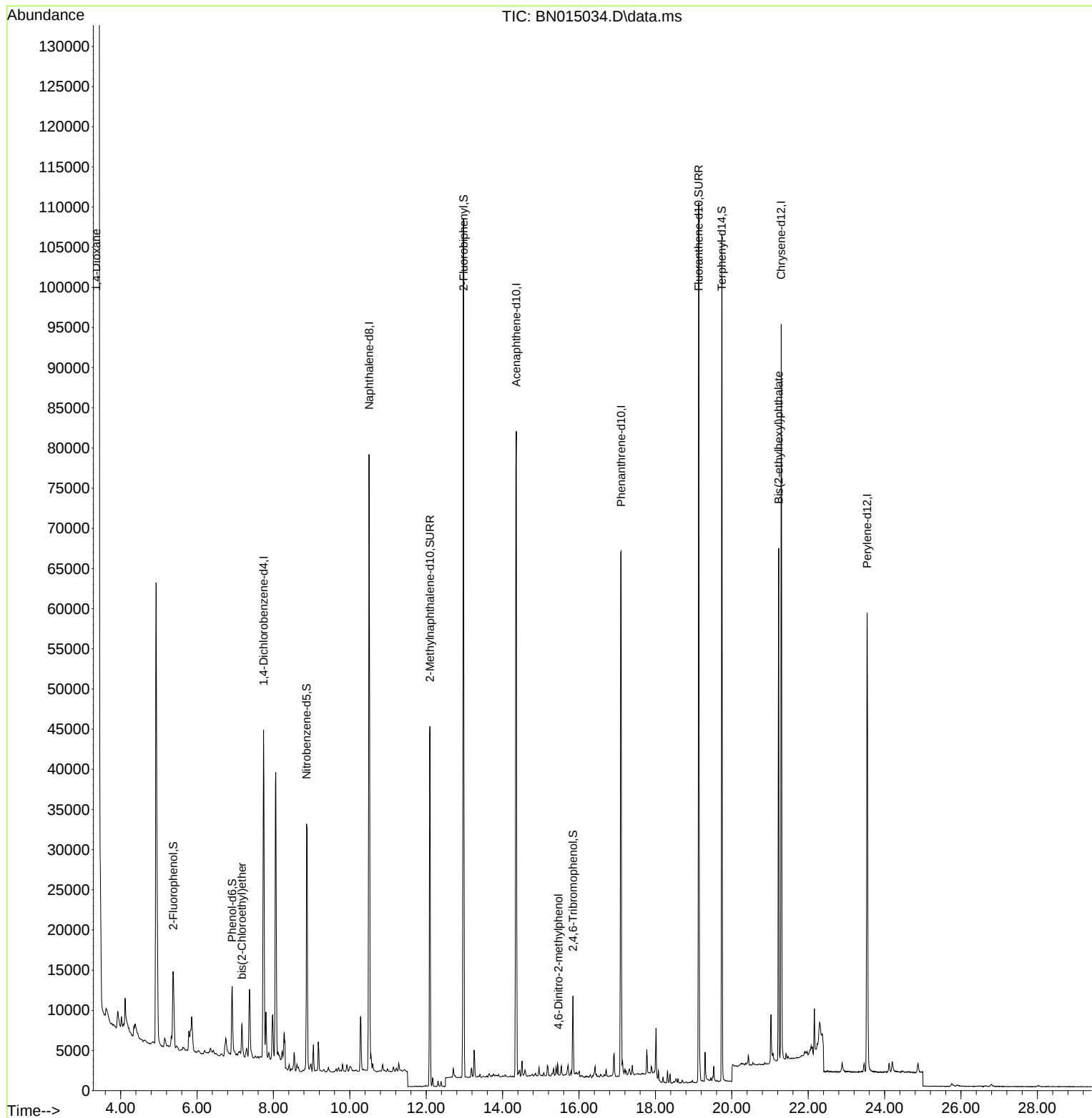
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	22205	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	99764	0.40	ng	0.00
13) Acenaphthene-d10	14.358	164	52720	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	102217	0.40	ng	# 0.00
29) Chrysene-d12	21.292	240	87932	0.40	ng	#-0.01
35) Perylene-d12	23.543	264	74483	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	11996	0.17	ng	0.00
5) Phenol-d6	6.920	99	8526	0.10	ng	0.00
8) Nitrobenzene-d5	8.870	82	28579	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.097	152	60097	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	7494	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.975	172	88408	0.44	ng	0.00
27) Fluoranthene-d10	19.133	212	116620	0.36	ng	0.00
31) Terphenyl-d14	19.739	244	103462	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	122495	13.15	ng	# 66
6) bis(2-Chloroethyl)ether	7.178	93	3738	0.05	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.462	198	6	0.10	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.228	149	59383	0.26	ng	# 87

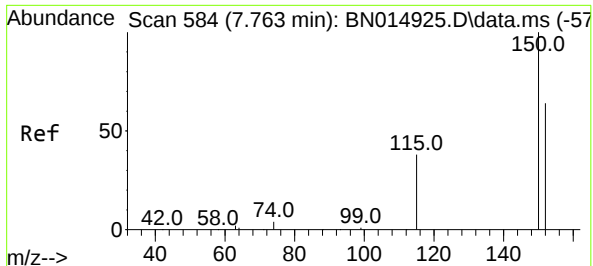
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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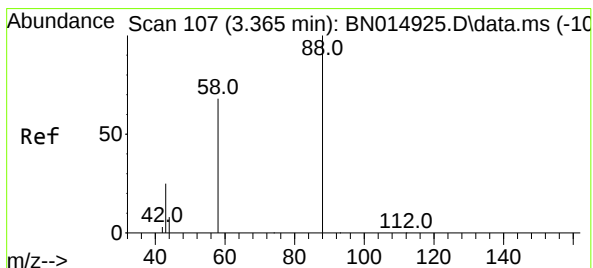
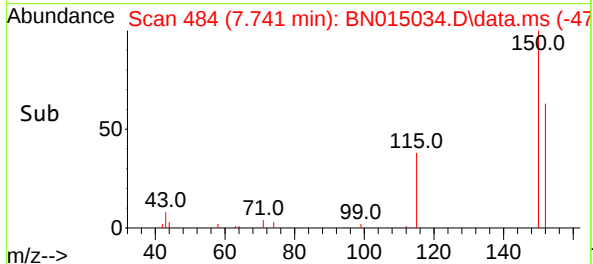
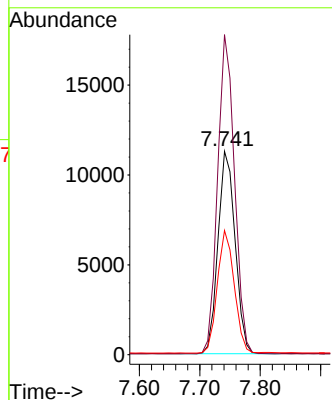
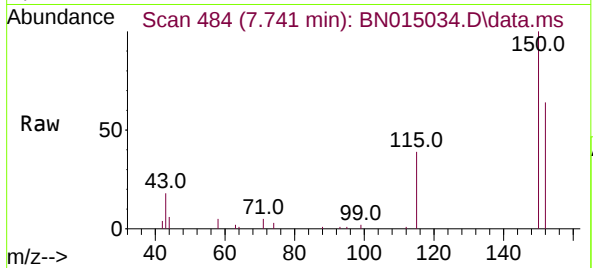




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.741 min Scan# 484
 Delta R.T. -0.009 min
 Lab File: BN015034.D
 Acq: 24 Jun 2021 07:58

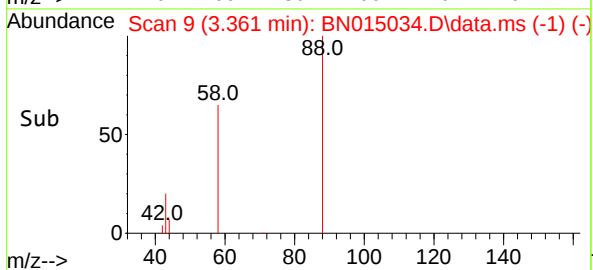
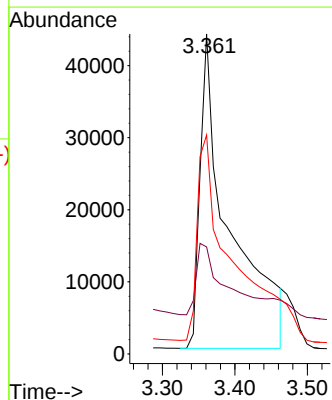
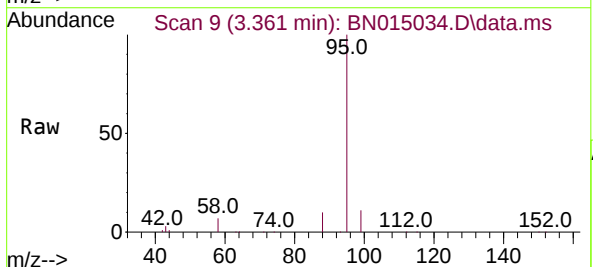
Instrument :
 BNA_N
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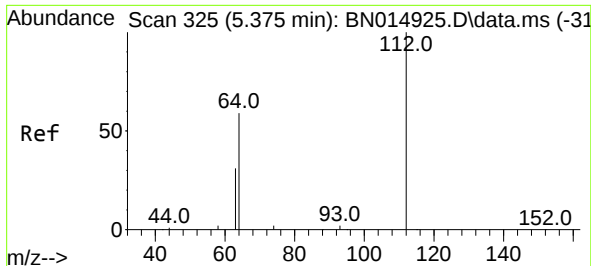
Tgt Ion: 152 Resp: 22205
 Ion Ratio Lower Upper
 152 100
 150 157.3 119.0 178.6
 115 61.0 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 13.15 ng
 RT: 3.361 min Scan# 9
 Delta R.T. 0.009 min
 Lab File: BN015034.D
 Acq: 24 Jun 2021 07:58

Tgt Ion: 88 Resp: 122495
 Ion Ratio Lower Upper
 88 100
 43 24.7 12.9 19.3#
 58 73.2 38.1 57.1#

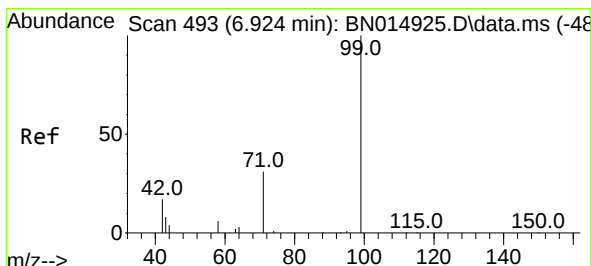
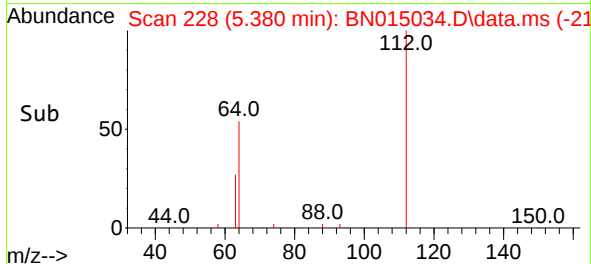
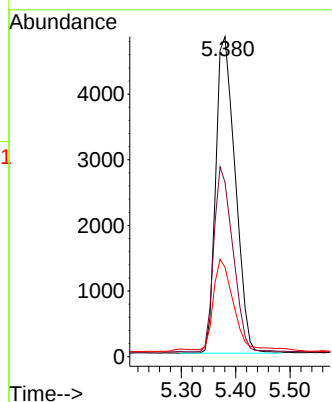
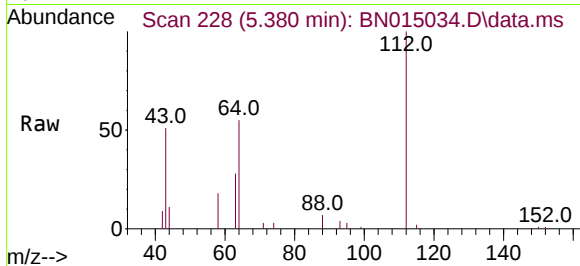




#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

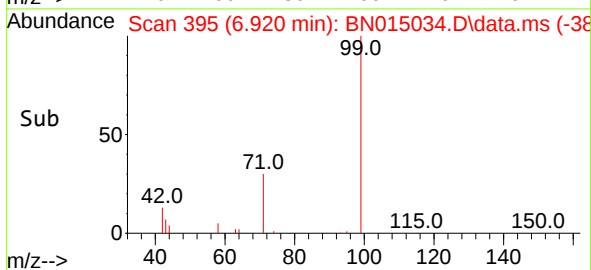
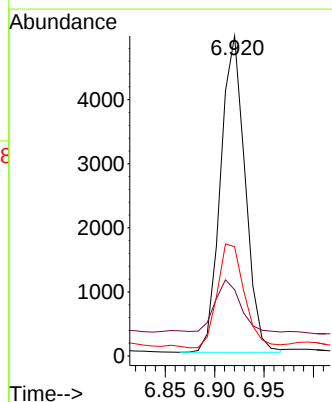
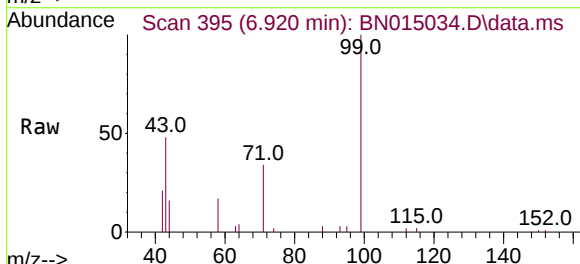
Instrument :
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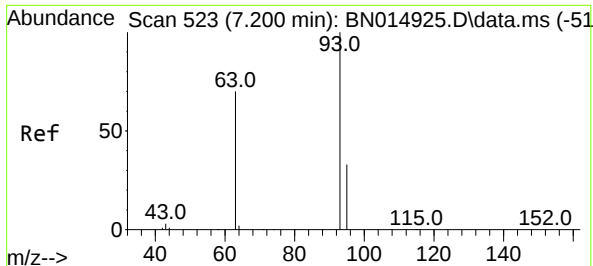
Tgt Ion:112 Resp: 11996
Ion Ratio Lower Upper
112 100
64 57.3 39.0 58.6
63 28.4 20.6 30.8



#5
Phenol-d6
Concen: 0.10 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

Tgt Ion: 99 Resp: 8526
Ion Ratio Lower Upper
99 100
42 16.8 8.9 13.3#
71 36.4 35.6 53.4

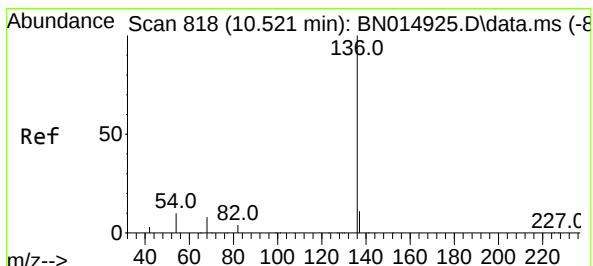
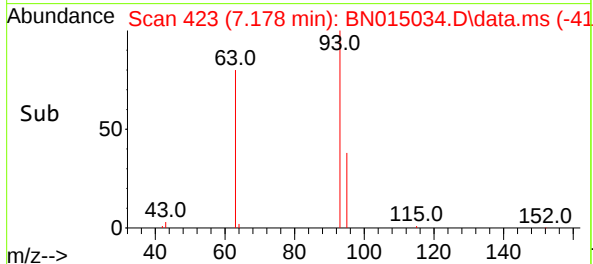
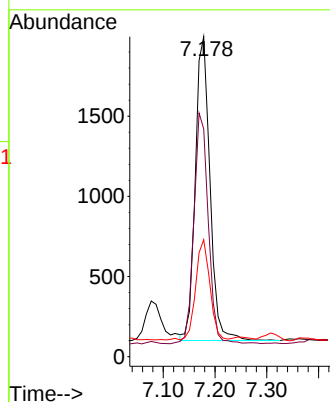
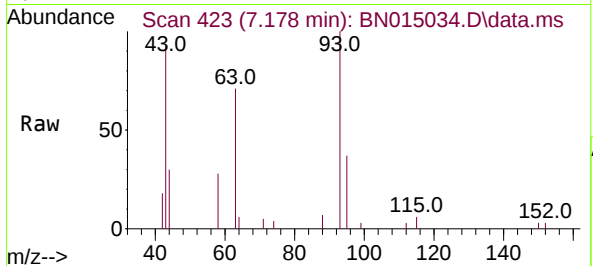




#6
bis(2-Chloroethyl)ether
Concen: 0.05 ng
RT: 7.178 min Scan# 423
Delta R.T. -0.000 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

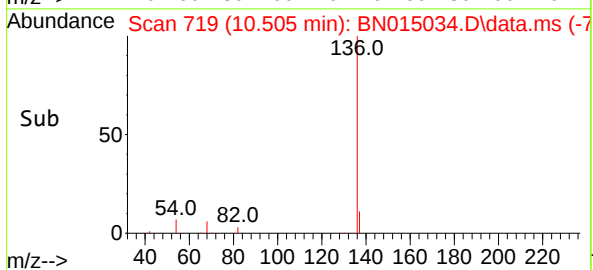
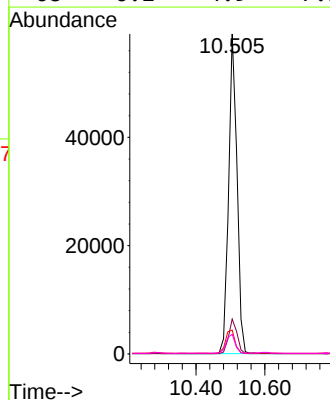
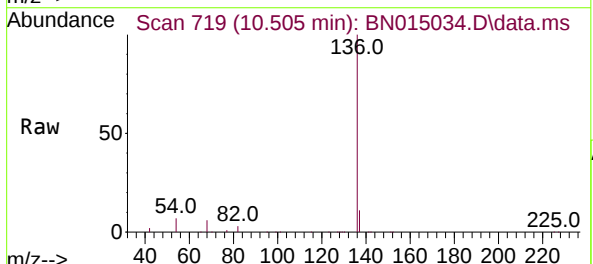
Instrument :
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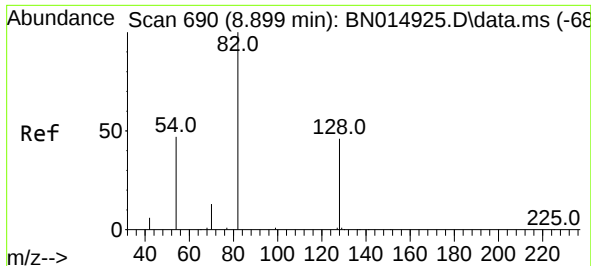
Tgt Ion:	93	Resp:	3738
Ion	Ratio	Lower	Upper
93	100		
63	74.7	46.6	70.0#
95	31.9	28.6	42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

Tgt Ion:	136	Resp:	99764
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	7.5	5.4	8.2
68	6.2	4.9	7.3

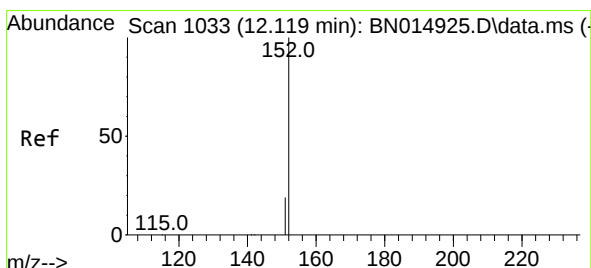
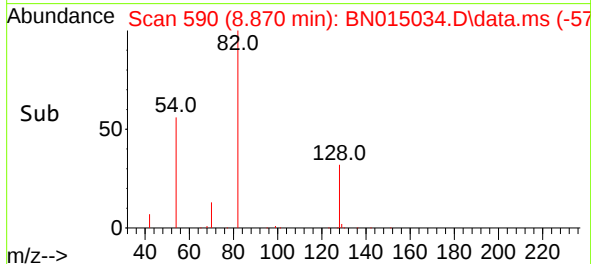
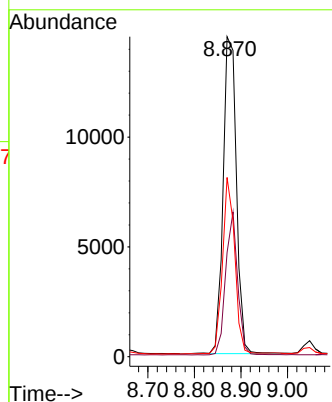
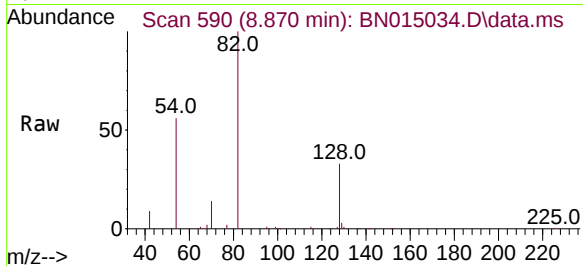




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.870 min Scan# 590
Delta R.T. -0.013 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

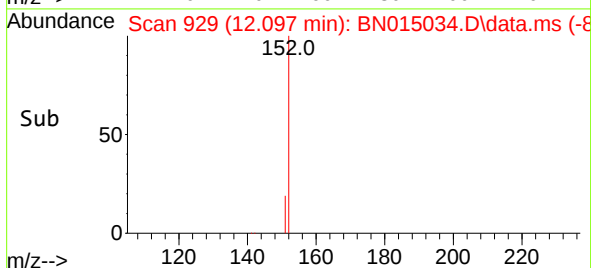
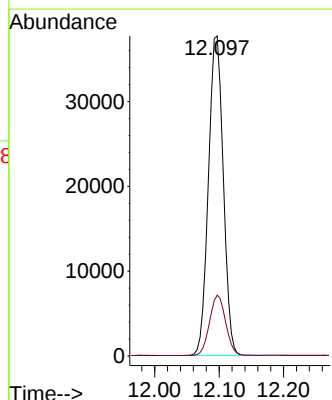
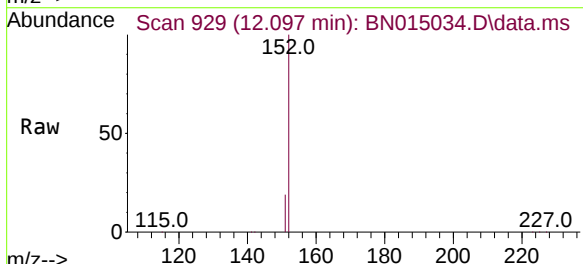
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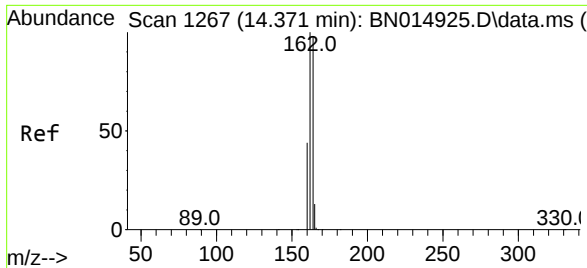
Tgt Ion: 82 Resp: 28579
Ion Ratio Lower Upper
82 100
128 32.6 31.6 47.4
54 56.0 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 12.097 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

Tgt Ion: 152 Resp: 60097
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

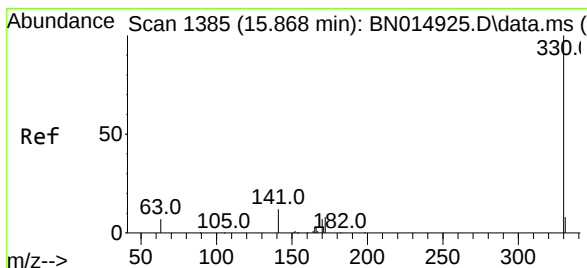
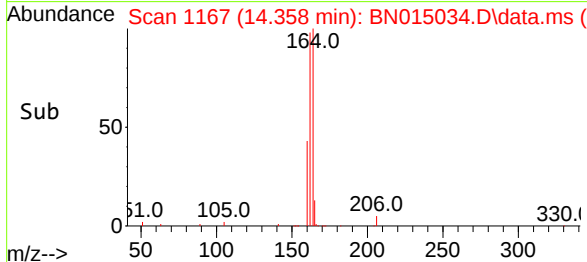
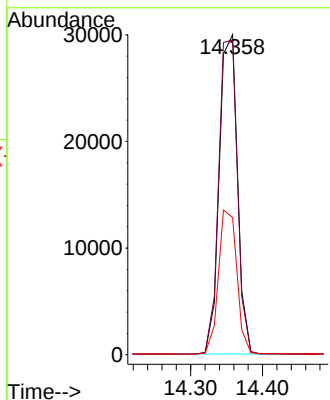
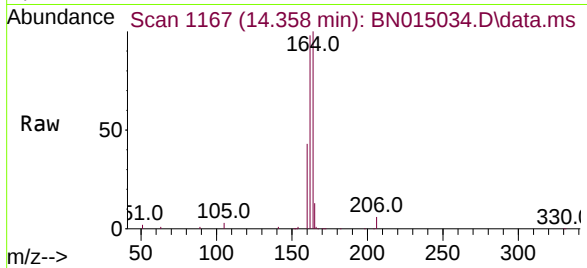




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

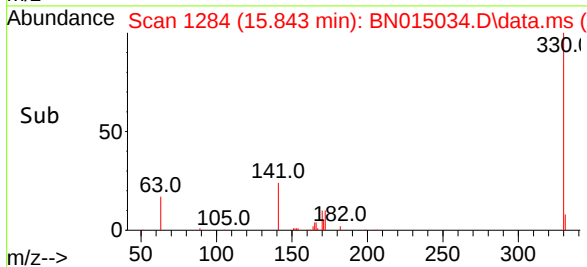
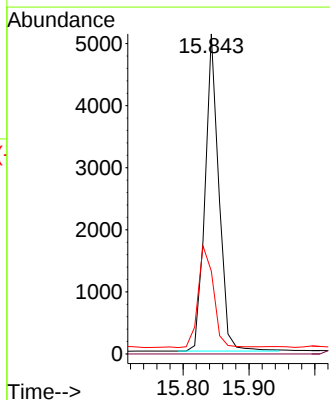
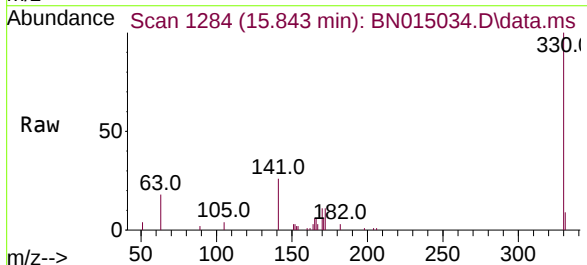
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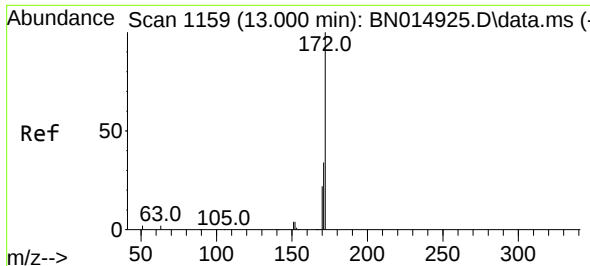
Tgt Ion:164 Resp: 52720
Ion Ratio Lower Upper
164 100
162 98.4 83.8 125.6
160 42.9 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

Tgt Ion:330 Resp: 7494
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.1 22.4 33.6#

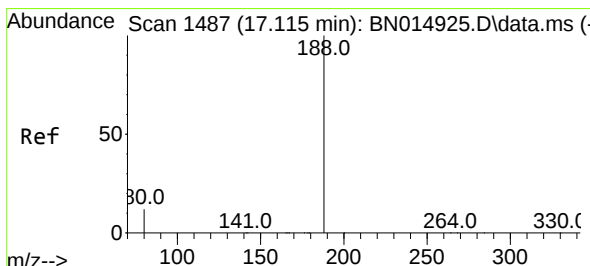
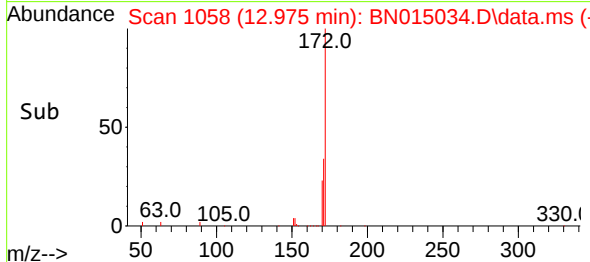
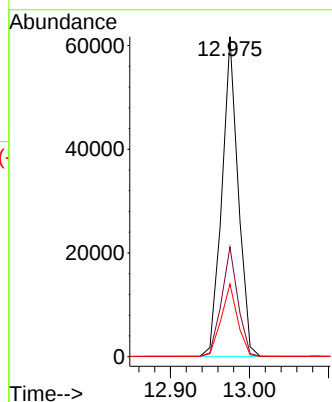
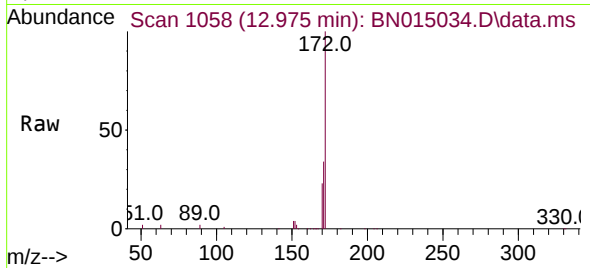




#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 12.975 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

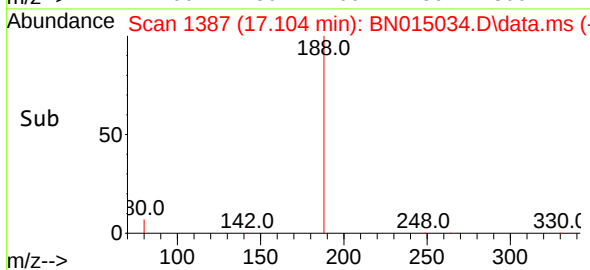
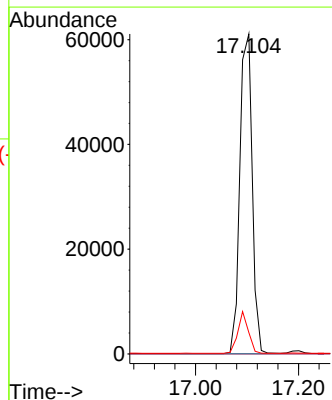
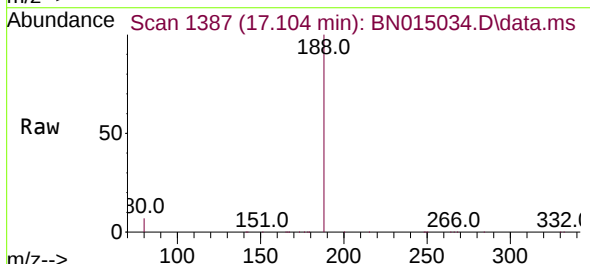
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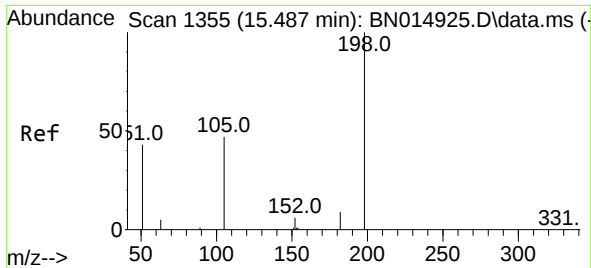
Tgt Ion:172 Resp: 88408
Ion Ratio Lower Upper
172 100
171 34.3 30.6 45.8
170 22.7 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

Tgt Ion:188 Resp: 102217
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 9.0 13.4#

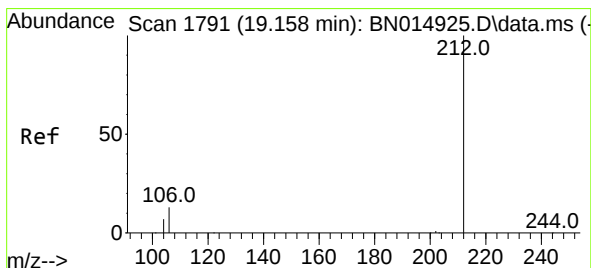
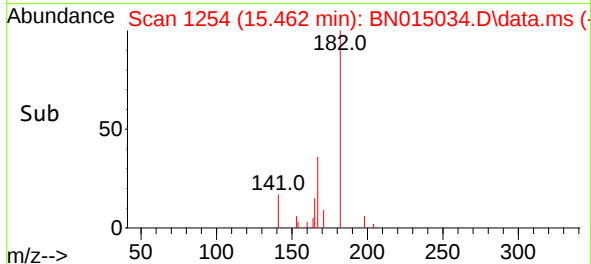
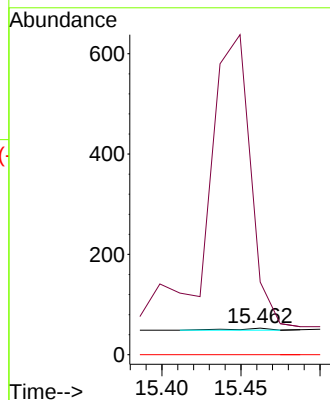
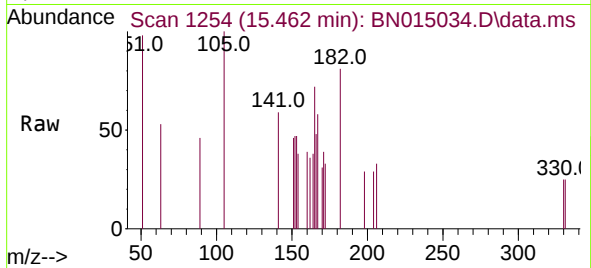




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.10 ng
 RT: 15.462 min Scan# 1254
 Delta R.T. -0.013 min
 Lab File: BN015034.D
 Acq: 24 Jun 2021 07:58

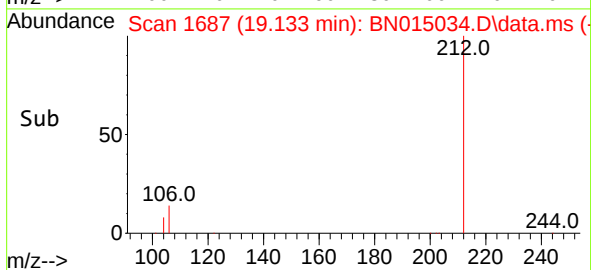
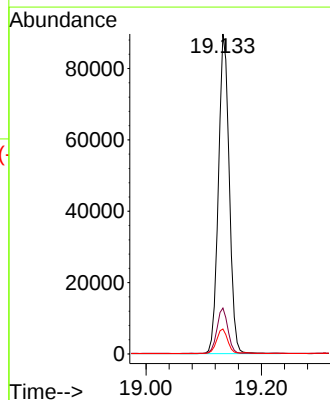
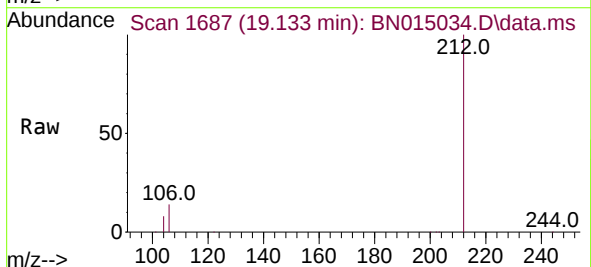
Instrument :
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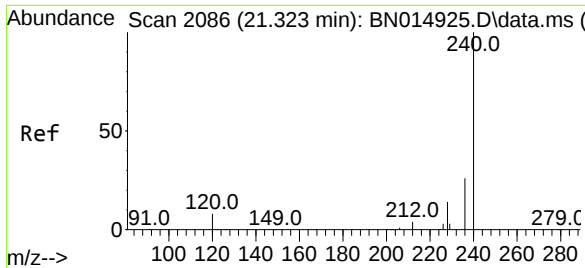
Tgt Ion:198	Resp:	6
Ion	Ratio	Lower Upper
198	100	
182	273.6	34.5 51.7#
77	0.0	0.0 0.0



#27
 Fluoranthene-d10
 Concen: 0.36 ng
 RT: 19.133 min Scan# 1687
 Delta R.T. -0.005 min
 Lab File: BN015034.D
 Acq: 24 Jun 2021 07:58

Tgt Ion:212	Resp:	116620
Ion	Ratio	Lower Upper
212	100	
106	14.2	7.0 10.6#
104	7.8	4.1 6.1#

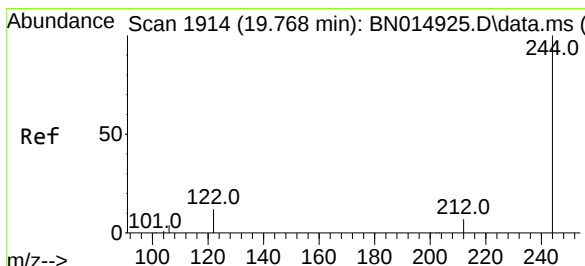
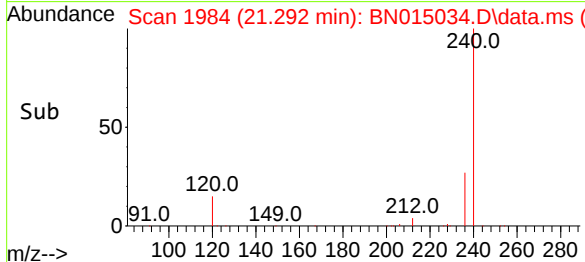
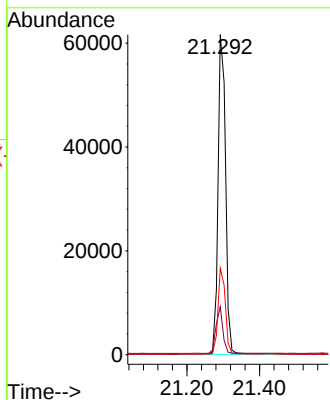
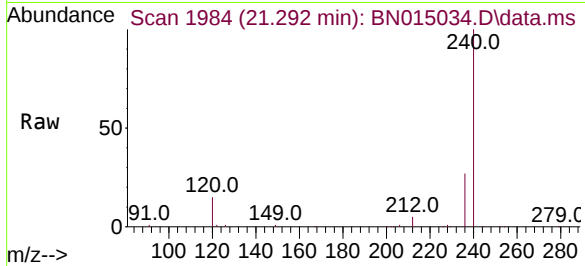




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.292 min Scan# 1984
Delta R.T. -0.011 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

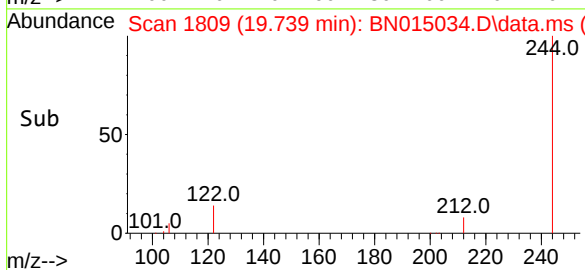
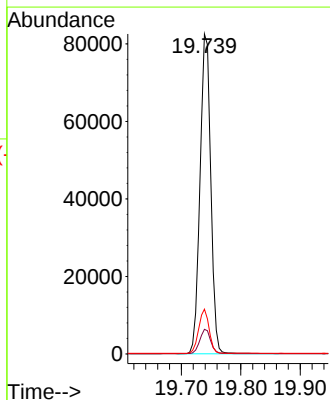
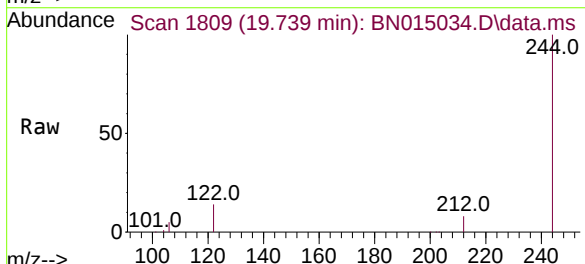
Instrument :
BNA_N
ClientSampleId :
RE137-20210618

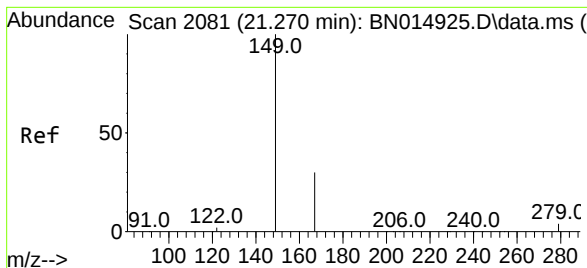
Tgt Ion:240 Resp: 87932
Ion Ratio Lower Upper
240 100
120 15.0 4.2 6.4#
236 27.1 21.4 32.2



#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.739 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

Tgt Ion:244 Resp: 103462
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 14.0 6.2 9.2#

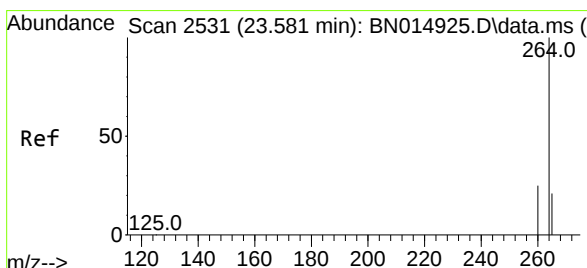
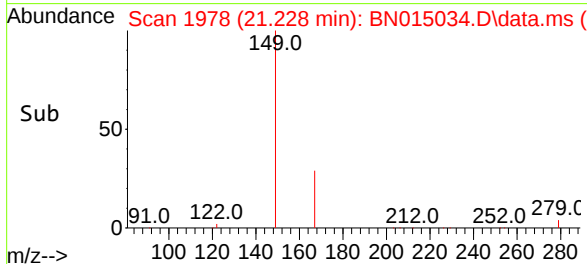
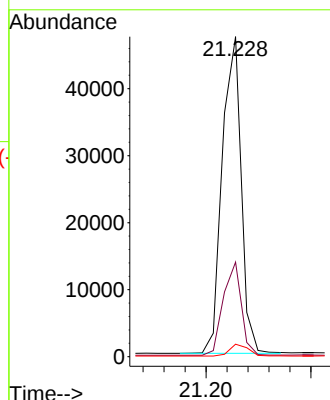
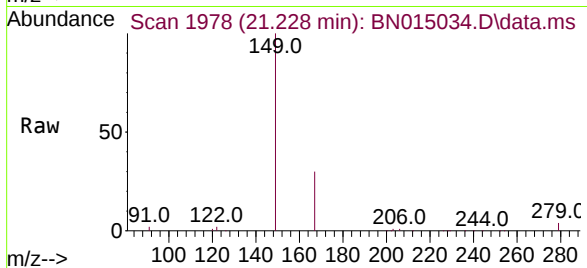




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.228 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

Instrument :
BNA_N
ClientSampleId :
RE137-20210618

Tgt Ion:149 Resp: 59383
Ion Ratio Lower Upper
149 100
167 28.1 28.9 43.3#
279 3.6 4.9 7.3#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.543 min Scan# 2421
Delta R.T. -0.011 min
Lab File: BN015034.D
Acq: 24 Jun 2021 07:58

Tgt Ion:264 Resp: 74483
Ion Ratio Lower Upper
264 100
260 25.1 20.6 31.0
265 24.1 21.4 32.2

