

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
 Data File : BN014791.D
 Acq On : 27 May 2021 14:28
 Operator : CG/JU
 Sample : M2472-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

Quant Time: May 27 14:59:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 01:39:07 2021
 Response via : Initial Calibration

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

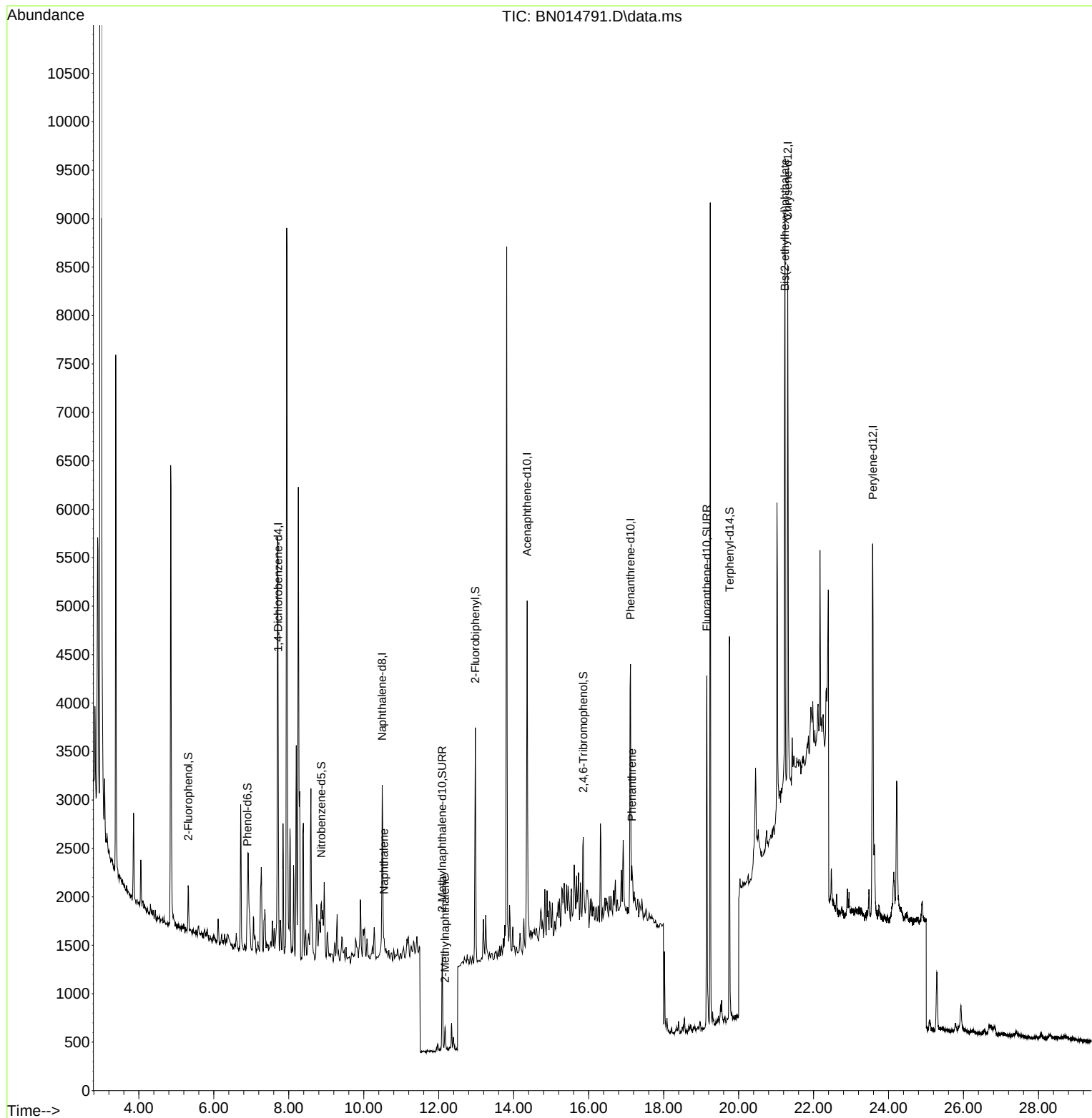
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	697	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	2527	0.40	ng	-0.01
13) Acenaphthene-d10	14.359	164	1849	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	4139	0.40	ng	0.00
29) Chrysene-d12	21.311	240	5198	0.40	ng	#-0.01
35) Perylene-d12	23.579	264	5728	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	398	0.21	ng	0.00
5) Phenol-d6	6.895	99	371	0.15	ng	0.00
8) Nitrobenzene-d5	8.870	82	767	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	1346	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	374	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	2080	0.31	ng	-0.01
27) Fluoranthene-d10	19.151	212	4505	0.27	ng	0.00
31) Terphenyl-d14	19.756	244	4410	0.36	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.543	128	164	0.02	ng	# 32
12) 2-Methylnaphthalene	12.169	142	159	0.03	ng	# 78
25) Phenanthrene	17.152	178	518	0.04	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.237	149	5197	1.16	ng	96

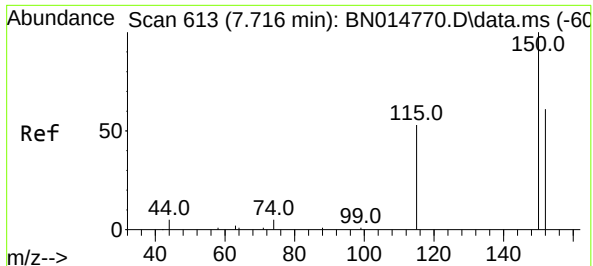
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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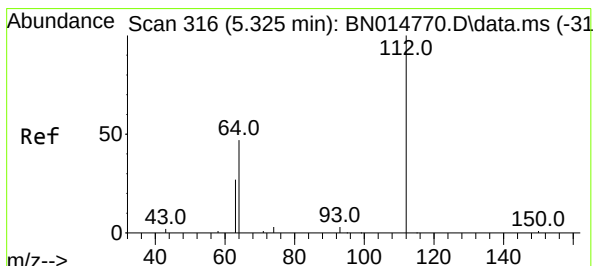
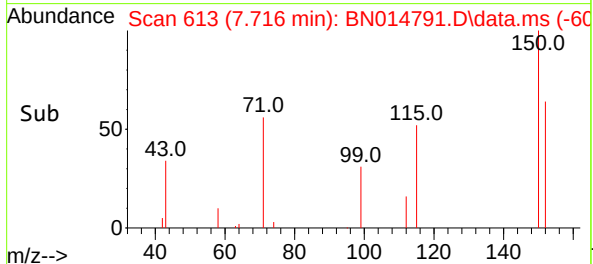
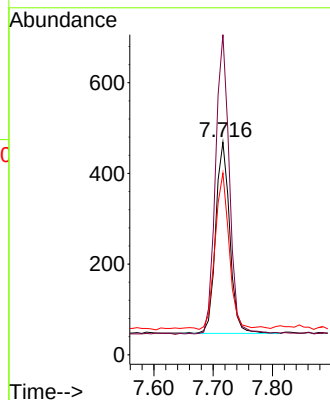
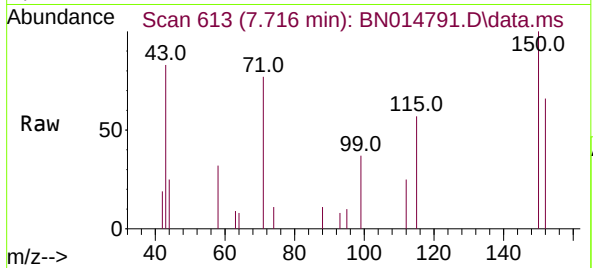




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.716 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

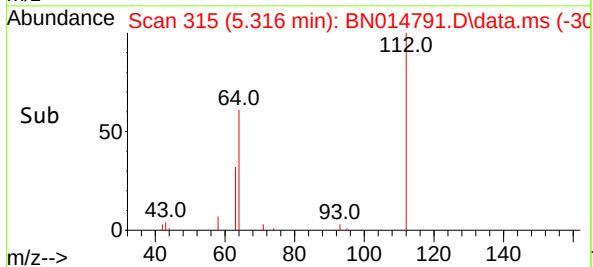
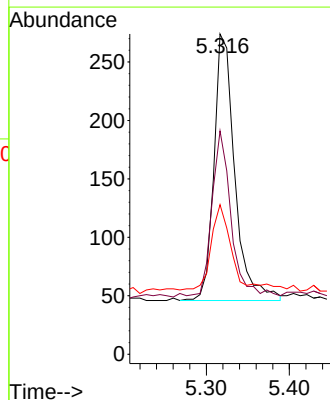
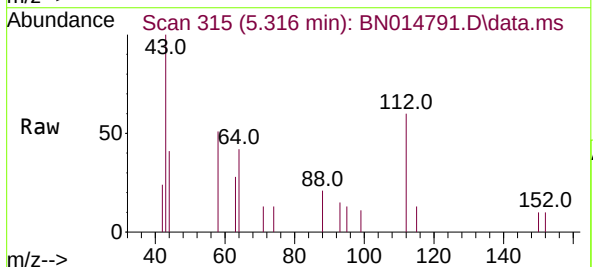
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

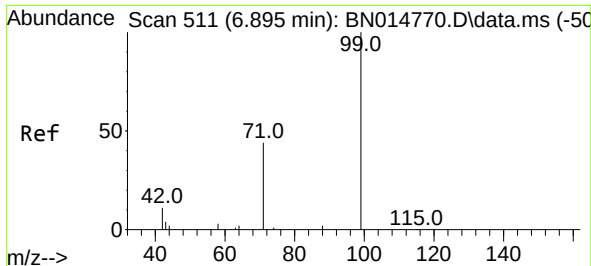
Tgt Ion:152 Resp: 697
Ion Ratio Lower Upper
152 100
150 150.5 123.4 185.2
115 85.5 73.2 109.8



#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.316 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

Tgt Ion:112 Resp: 398
Ion Ratio Lower Upper
112 100
64 58.0 43.6 65.4
63 30.9 25.0 37.6

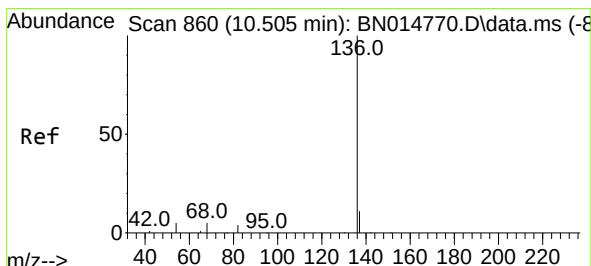
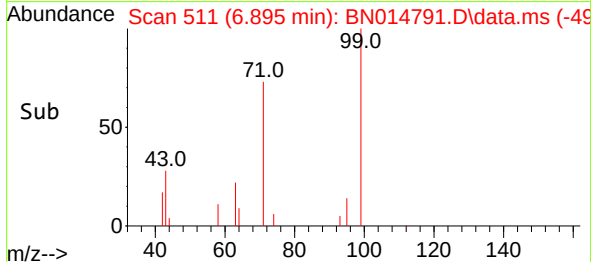
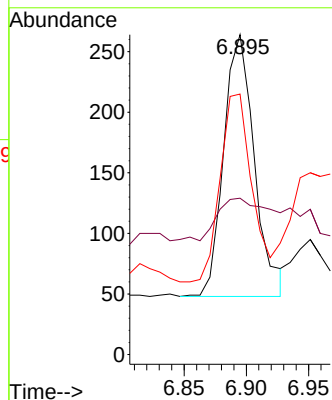
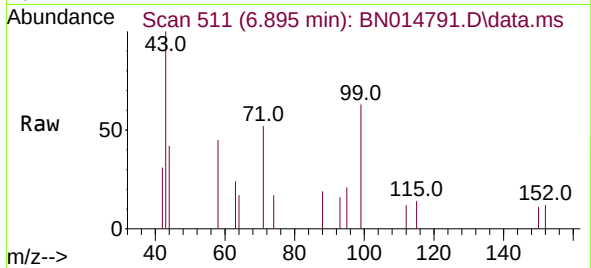




#5
Phenol-d6
Concen: 0.15 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

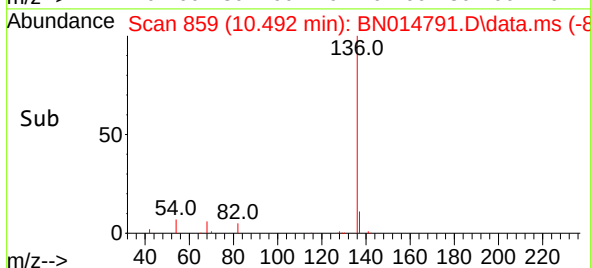
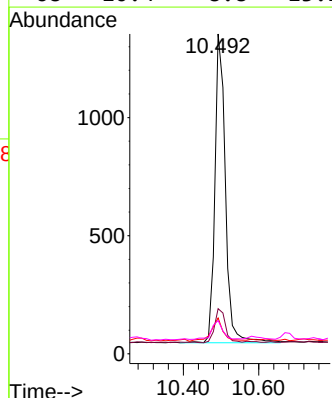
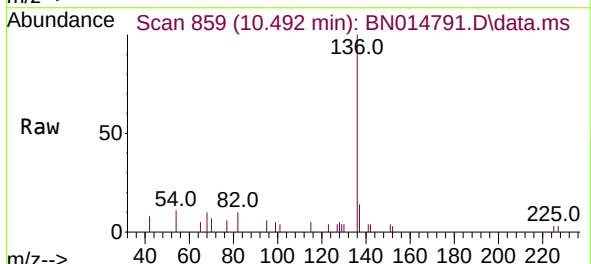
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

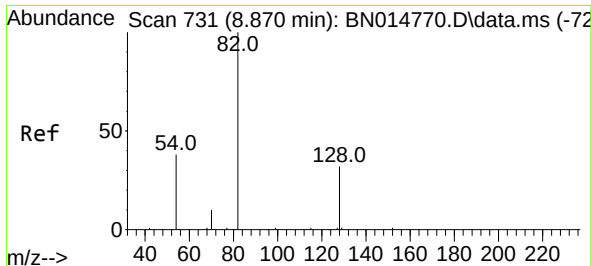
Tgt Ion: 99 Resp: 371
Ion Ratio Lower Upper
99 100
42 36.4 10.2 15.2#
71 73.6 32.4 48.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

Tgt Ion:136 Resp: 2527
Ion Ratio Lower Upper
136 100
137 14.1 13.2 19.8
54 11.2 9.0 13.4
68 10.4 8.8 13.2

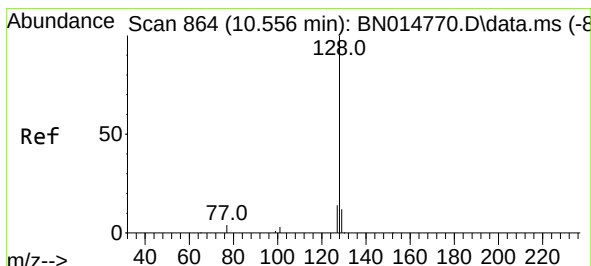
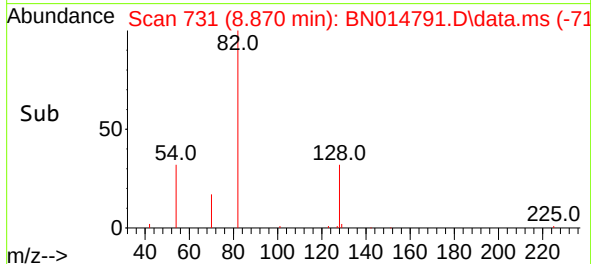
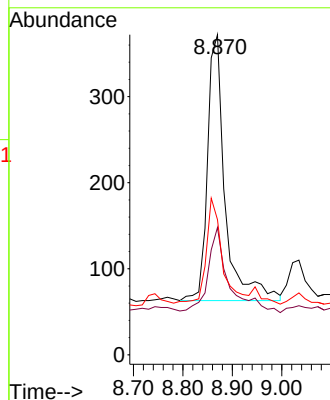
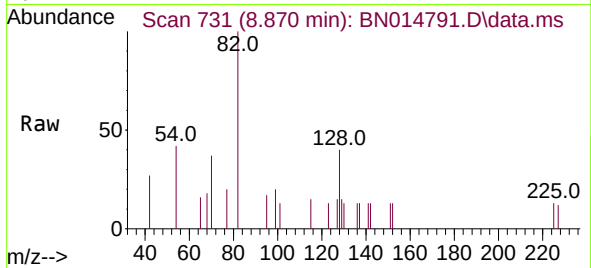




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

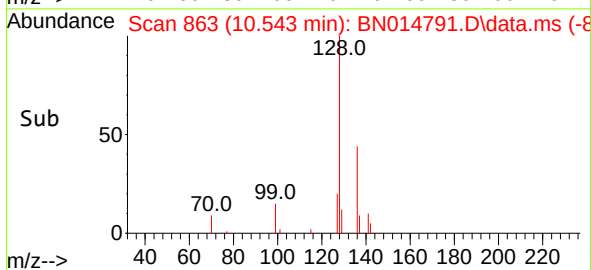
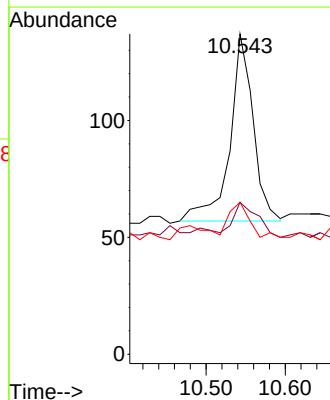
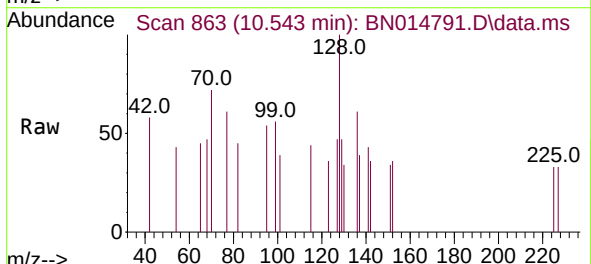
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

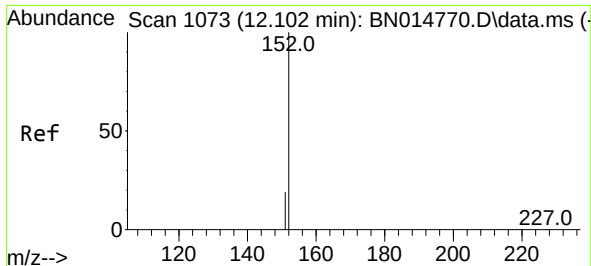
Tgt Ion:	82	Resp:	767
Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.2	51.2
54	42.2	38.4	57.6



#9
Naphthalene
Concen: 0.02 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

Tgt Ion:	128	Resp:	164
Ion	Ratio	Lower	Upper
128	100		
129	47.4	13.0	19.4#
127	47.4	15.0	22.6#

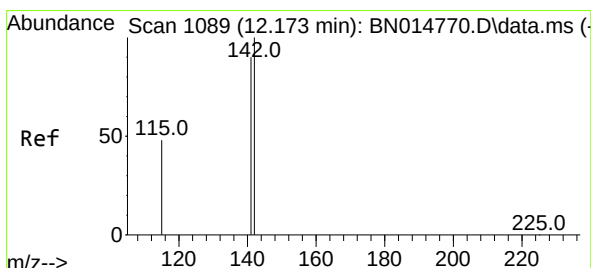
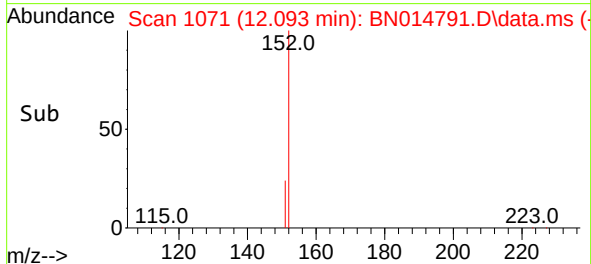
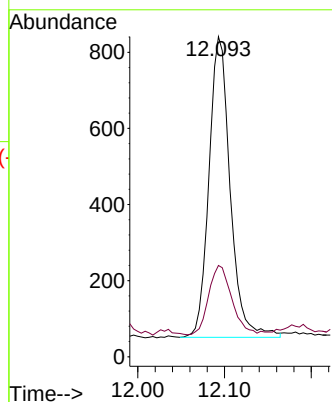
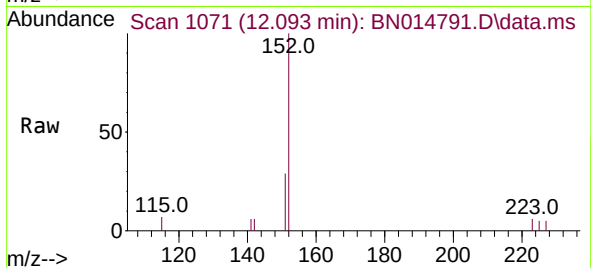




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

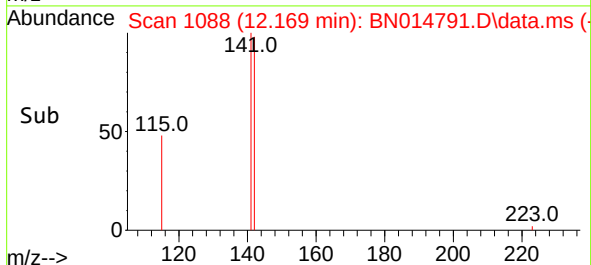
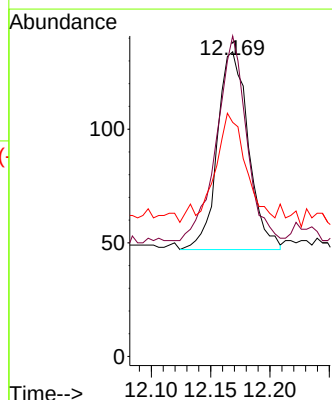
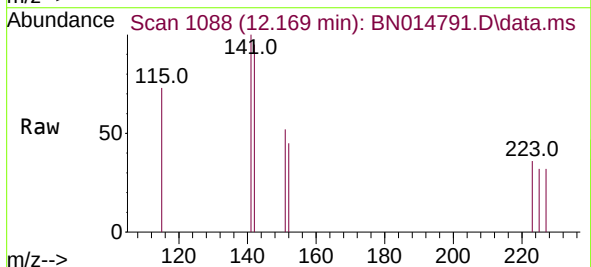
Instrument :
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ClientSampleId :
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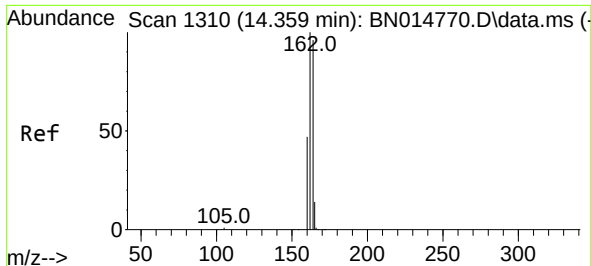
Tgt Ion:152 Resp: 1346
Ion Ratio Lower Upper
152 100
151 25.3 16.8 25.2#



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.169 min Scan# 1088
Delta R.T. -0.004 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
141 105.2 72.9 109.3
115 76.9 41.8 62.6#

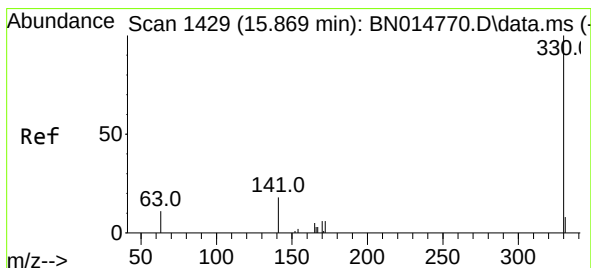
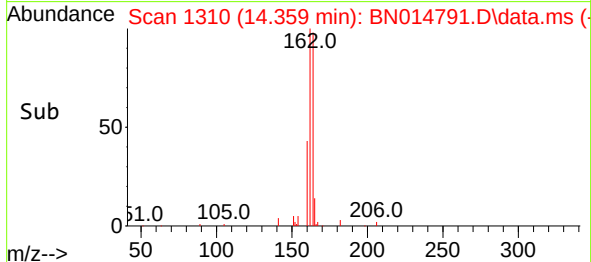
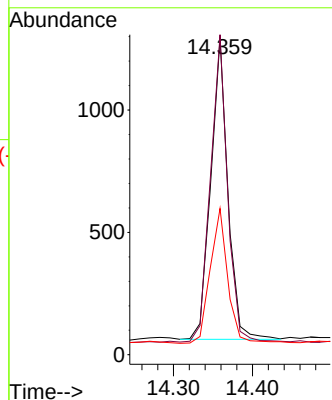
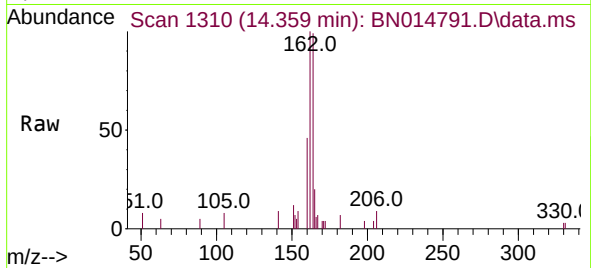




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

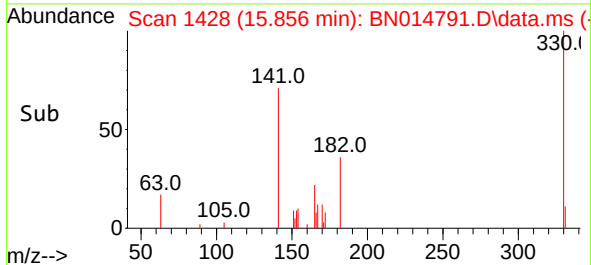
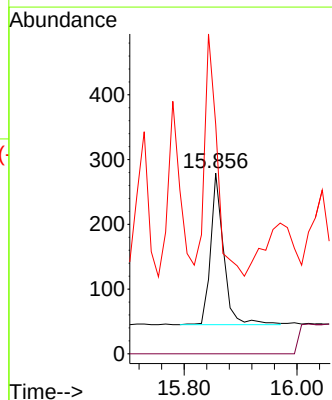
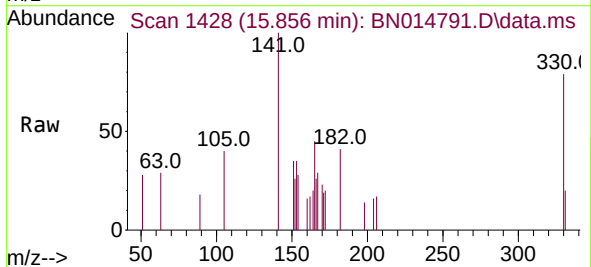
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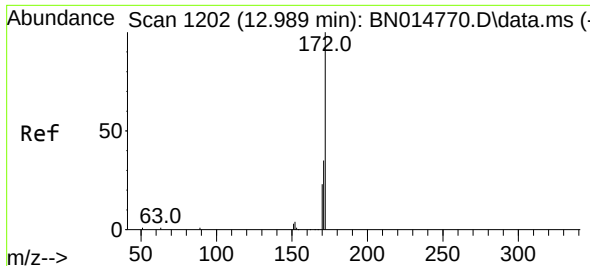
Tgt Ion:164	Resp:	1849
Ion Ratio	Lower	Upper
164	100	
162	100.9	83.2 124.8
160	46.1	41.8 62.6



#14
2,4,6-Tribromophenol
Concen: 0.35 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

Tgt Ion:330	Resp:	374
Ion Ratio	Lower	Upper
330	100	
332	0.0	0.0 0.0
141	152.1	21.8 32.6#

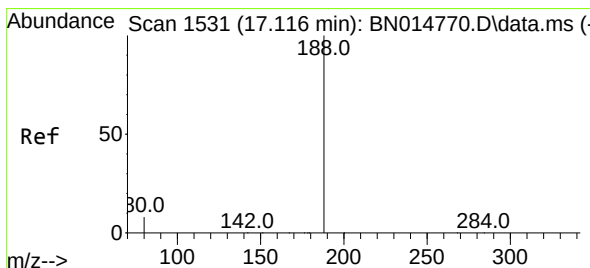
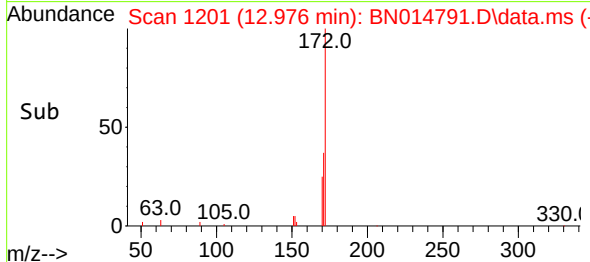
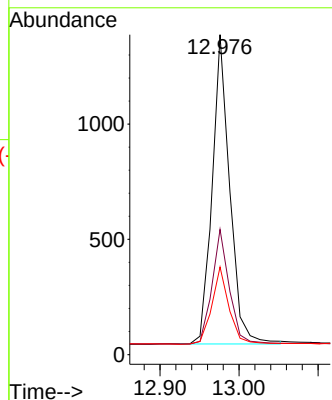
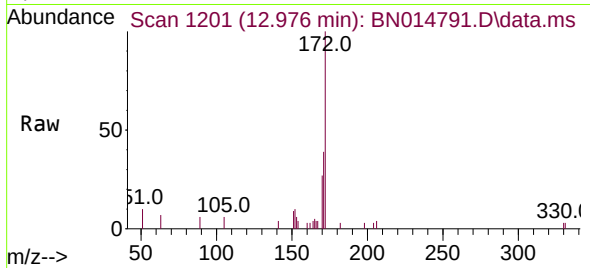




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

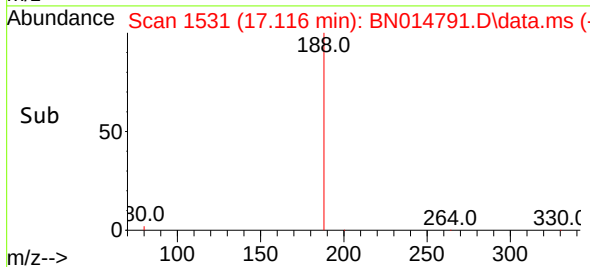
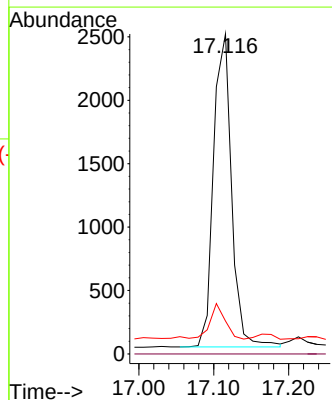
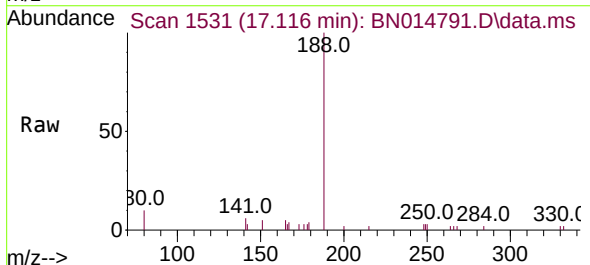
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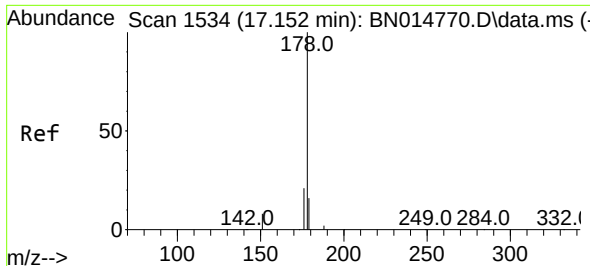
Tgt Ion:172	Resp:	2080
Ion Ratio	Lower	Upper
172	100	
171	39.1	30.9 46.3
170	27.4	21.4 32.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

Tgt Ion:188	Resp:	4139
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	10.3	8.2 12.4

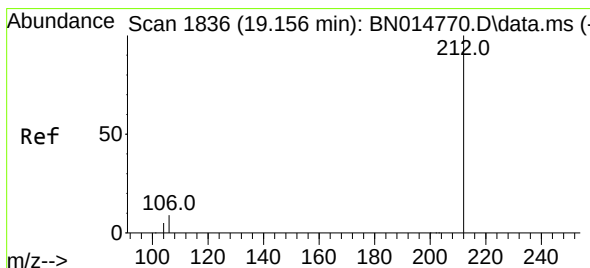
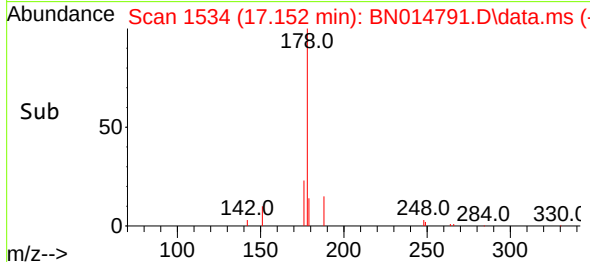
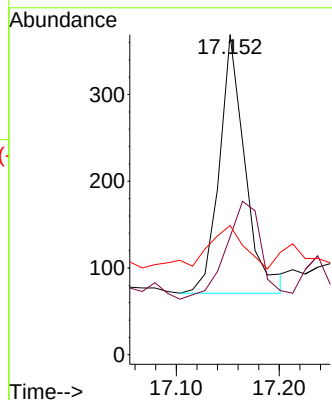
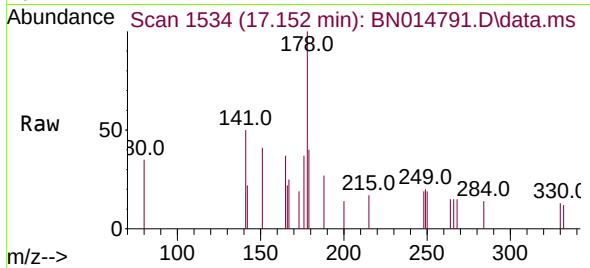




#25
Phenanthrene
Concen: 0.04 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

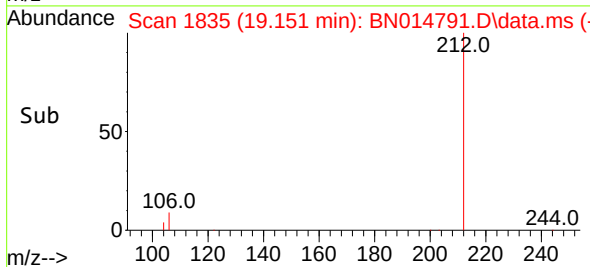
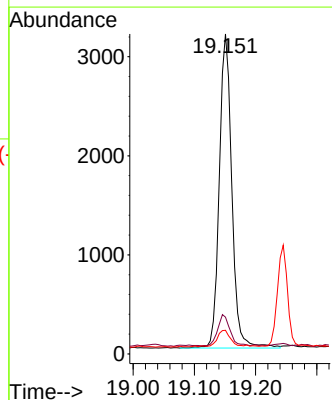
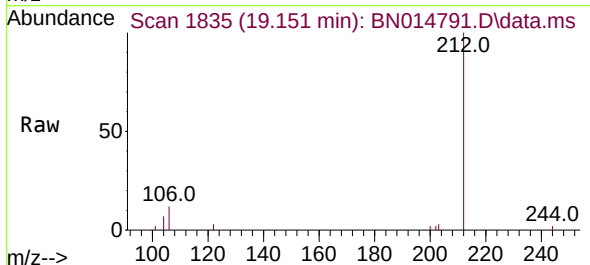
Instrument :
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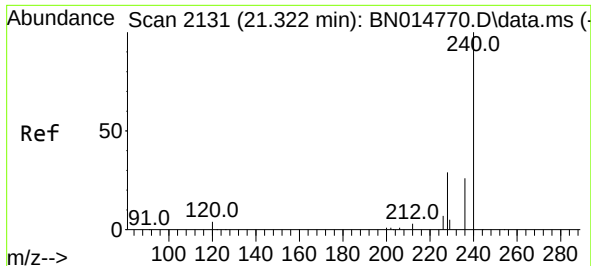
Tgt Ion:178 Resp: 518
Ion Ratio Lower Upper
178 100
176 52.7 16.0 24.0#
179 24.9 12.6 19.0#



#27
Fluoranthene-d10
Concen: 0.27 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

Tgt Ion:212 Resp: 4505
Ion Ratio Lower Upper
212 100
106 9.6 7.4 11.2
104 5.4 4.1 6.1

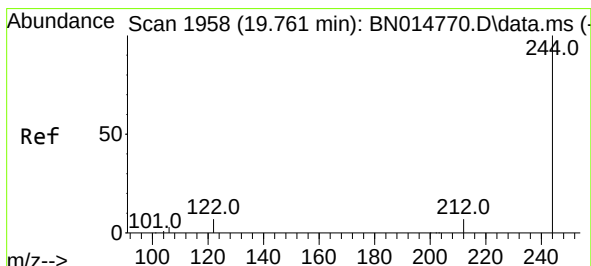
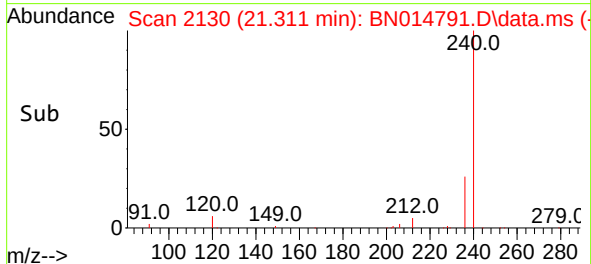
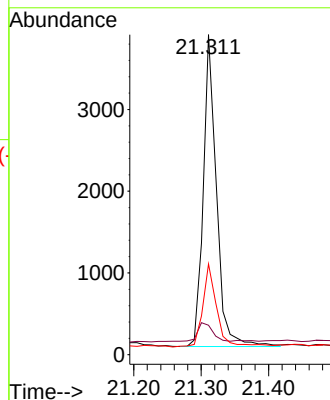
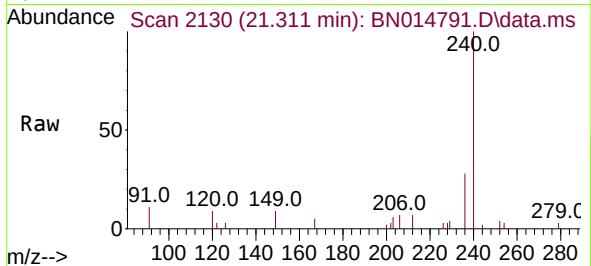




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.311 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

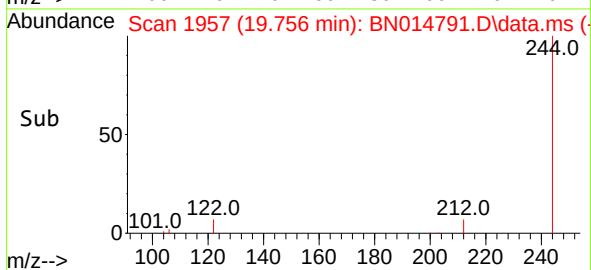
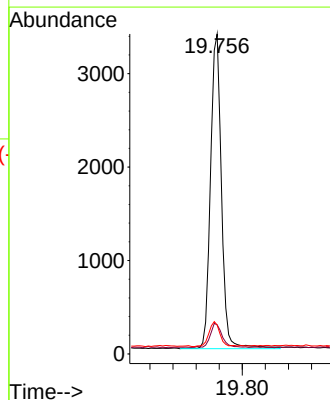
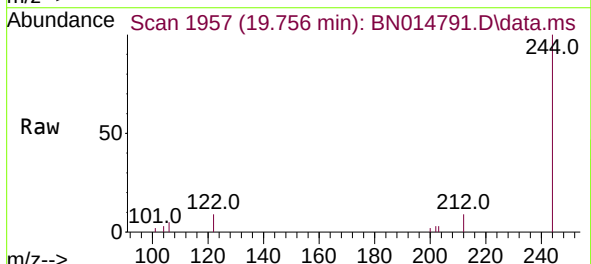
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

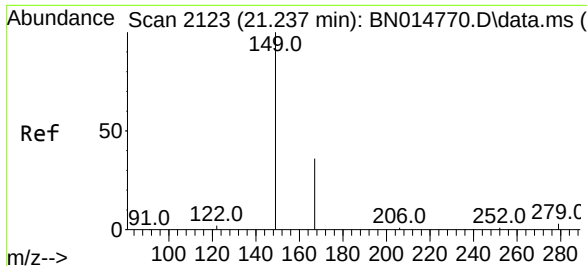
Tgt Ion:240 Resp: 5198
Ion Ratio Lower Upper
240 100
120 9.2 5.2 7.8#
236 28.4 21.6 32.4



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.756 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN014791.D
Acq: 27 May 2021 14:28

Tgt Ion:244 Resp: 4410
Ion Ratio Lower Upper
244 100
212 9.1 6.8 10.2
122 9.1 6.6 9.8

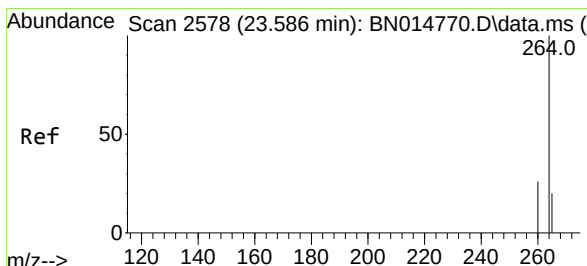
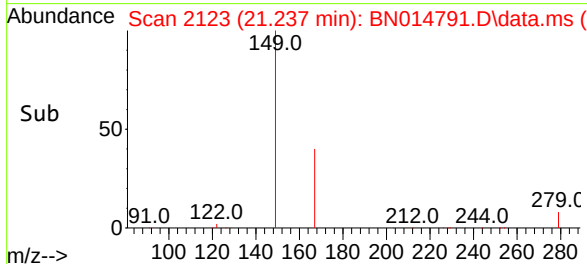
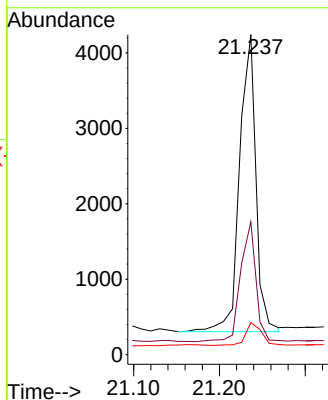
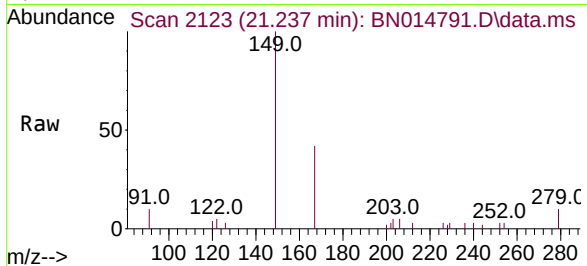




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.16 ng
 RT: 21.237 min Scan# 2123
 Delta R.T. -0.000 min
 Lab File: BN014791.D
 Acq: 27 May 2021 14:28

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

Tgt Ion:	149	Resp:	5197
Ion Ratio	Lower	Upper	
149	100		
167	37.9	28.3	42.5
279	7.4	5.5	8.3



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.579 min Scan# 2576
 Delta R.T. -0.007 min
 Lab File: BN014791.D
 Acq: 27 May 2021 14:28

Tgt Ion:	264	Resp:	5728
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.4	32.2
265	47.8	40.9	61.3

