

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052821\
 Data File : BN014807.D
 Acq On : 28 May 2021 17:05
 Operator : CG/JU
 Sample : M2498-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-958-960RE

Quant Time: May 28 17:35:16 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)

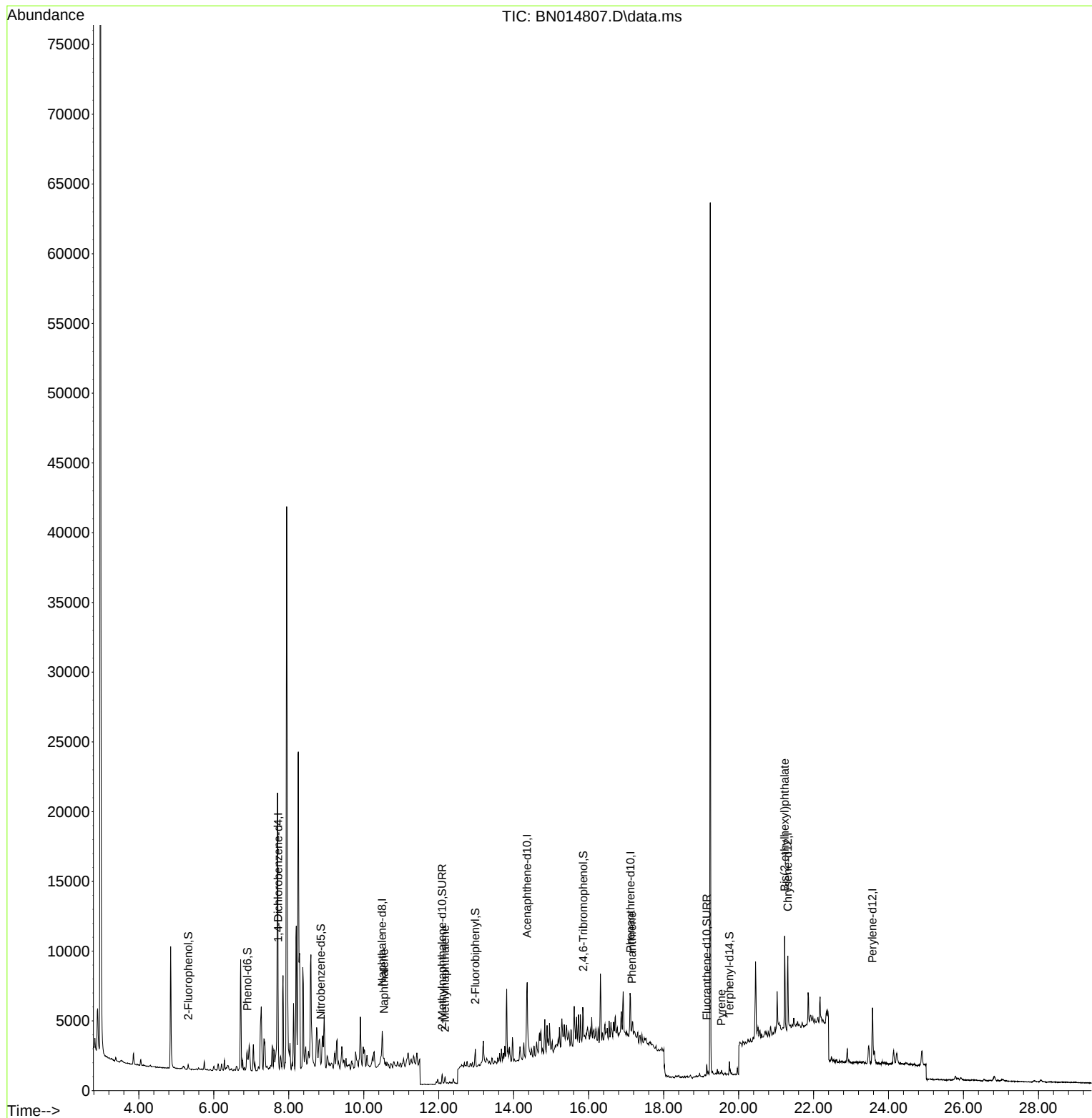
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	894	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	3349	0.40	ng	-0.01
13) Acenaphthene-d10	14.359	164	2637	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	5384	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	5506	0.40	ng	# 0.00
35) Perylene-d12	23.571	264	5459	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.317	112	178	0.07	ng	0.00
5) Phenol-d6	6.895	99	346	0.11	ng	0.00
8) Nitrobenzene-d5	8.857	82	395	0.13	ng	-0.01
11) 2-Methylnaphthalene-d10	12.093	152	760	0.11	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	113	0.07	ng	-0.01
15) 2-Fluorobiphenyl	12.976	172	1139	0.12	ng	-0.01
27) Fluoranthene-d10	19.149	212	1003	0.05	ng	0.00
31) Terphenyl-d14	19.754	244	1029	0.08	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.543	128	592	0.06	ng	# 76
12) 2-Methylnaphthalene	12.169	142	255	0.04	ng	# 88
25) Phenanthrene	17.153	178	613	0.04	ng	# 1
30) Pyrene	19.541	202	372	0.02	ng	95
34) Bis(2-ethylhexyl)phtha...	21.229	149	5356	1.13	ng	92

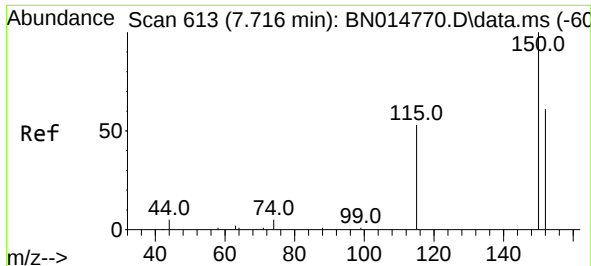
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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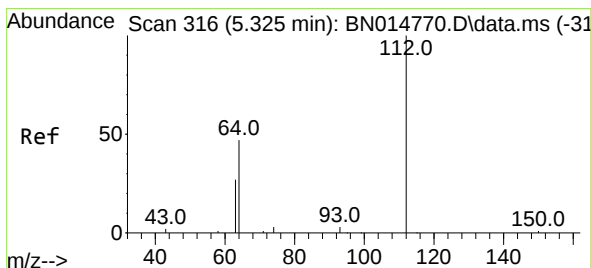
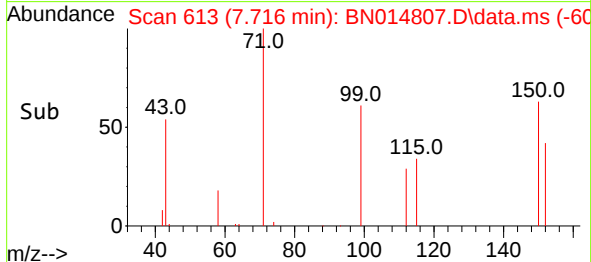
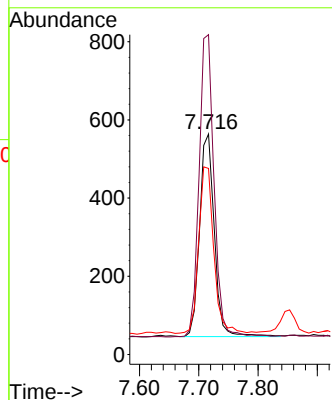
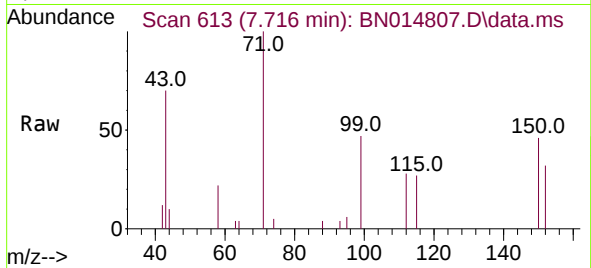




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.716 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

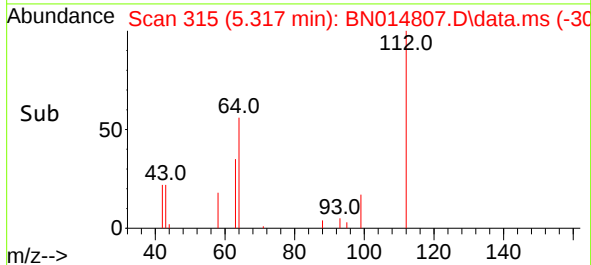
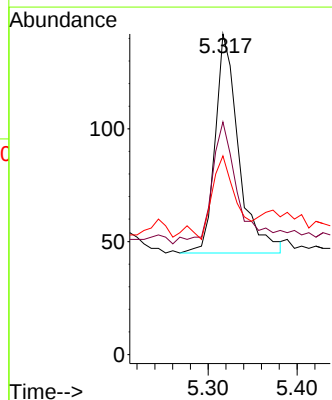
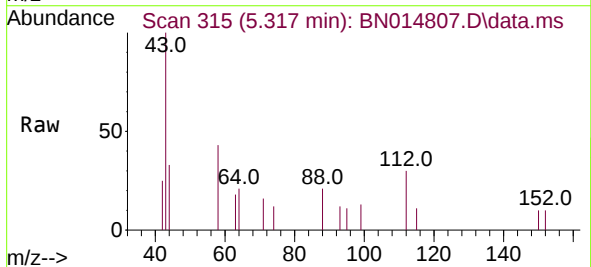
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-958-960RE

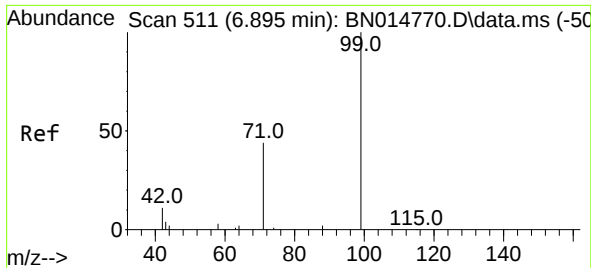
Tgt Ion:152 Resp: 894
Ion Ratio Lower Upper
152 100
150 145.0 123.4 185.2
115 84.4 73.2 109.8



#4
2-Fluorophenol
Concen: 0.07 ng
RT: 5.317 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

Tgt Ion:112 Resp: 178
Ion Ratio Lower Upper
112 100
64 63.5 43.6 65.4
63 37.6 25.0 37.6#

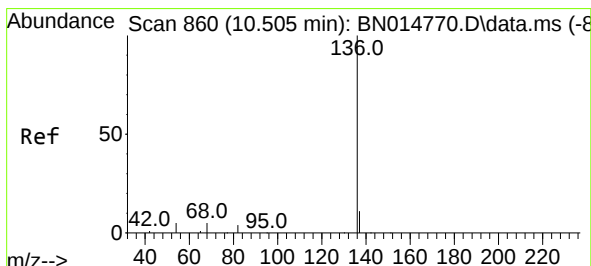
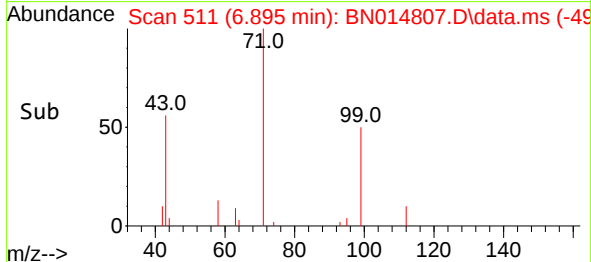
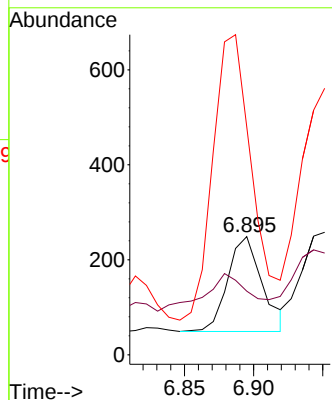
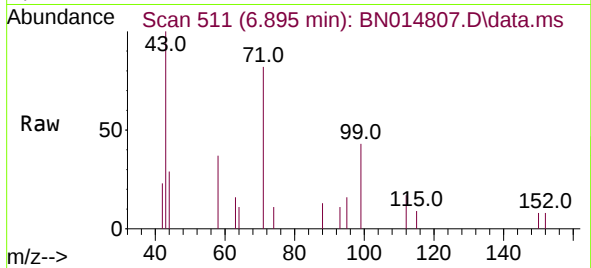




#5
Phenol-d6
Concen: 0.11 ng
RT: 6.895 min Scan# 511
Delta R.T. 0.000 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

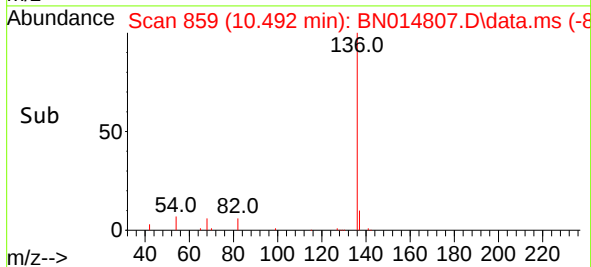
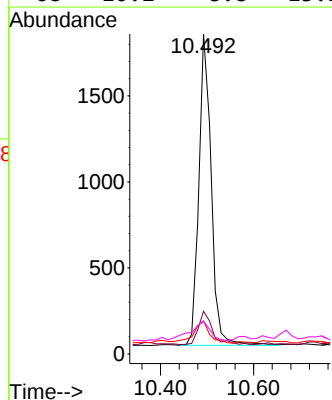
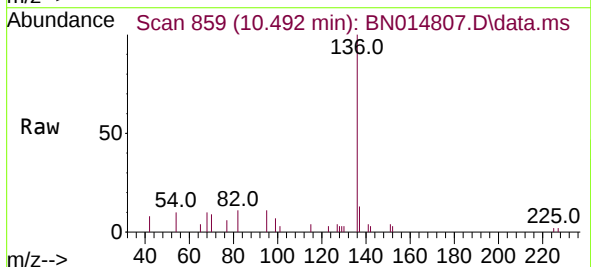
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-958-960RE

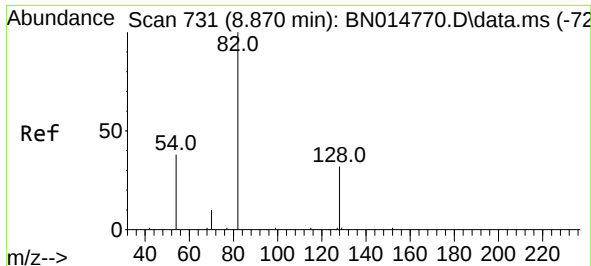
Tgt Ion: 99 Resp: 346
Ion Ratio Lower Upper
99 100
42 50.6 10.2 15.2#
71 343.6 32.4 48.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

Tgt Ion:136 Resp: 3349
Ion Ratio Lower Upper
136 100
137 13.3 13.2 19.8
54 10.3 9.0 13.4
68 10.2 8.8 13.2

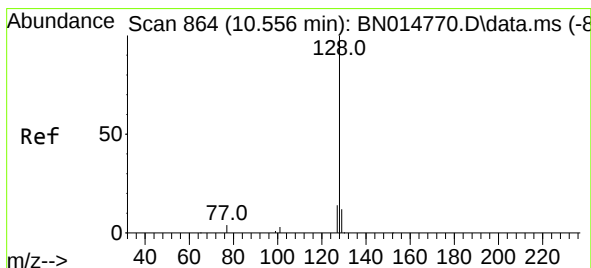
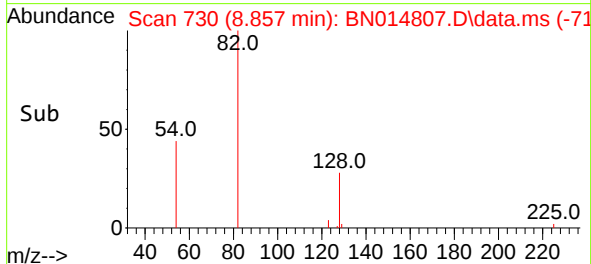
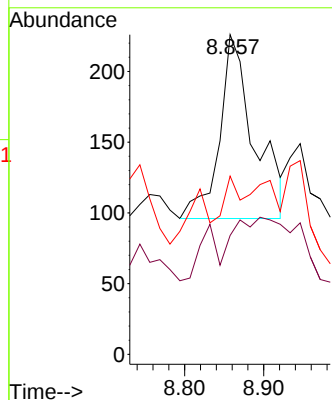
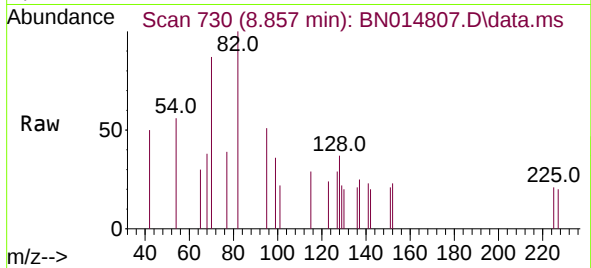




#8
Nitrobenzene-d5
Concen: 0.13 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.013 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

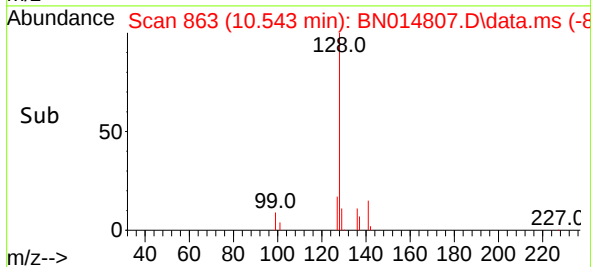
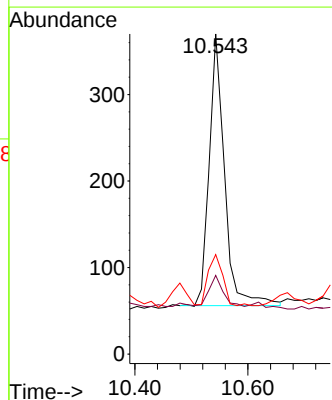
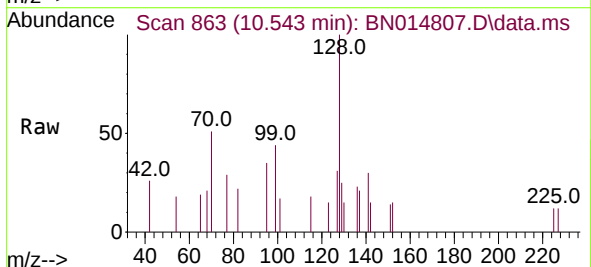
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-958-960RE

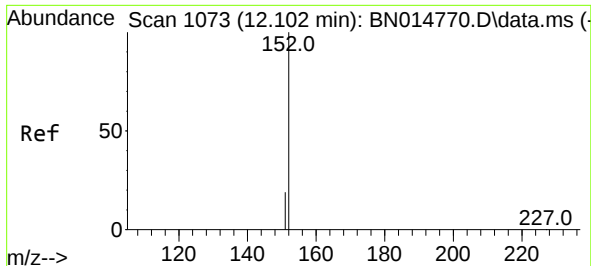
Tgt Ion: 82 Resp: 395
Ion Ratio Lower Upper
82 100
128 37.2 34.2 51.2
54 55.8 38.4 57.6



#9
Naphthalene
Concen: 0.06 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

Tgt Ion: 128 Resp: 592
Ion Ratio Lower Upper
128 100
129 24.6 13.0 19.4#
127 31.1 15.0 22.6#

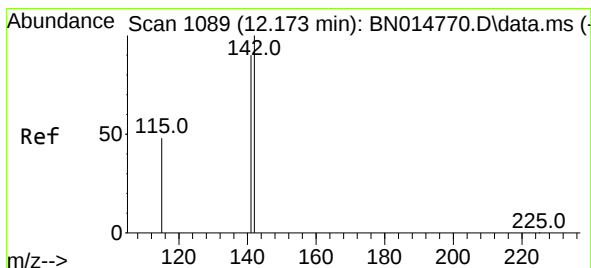
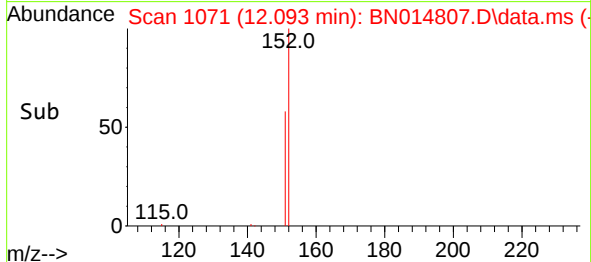
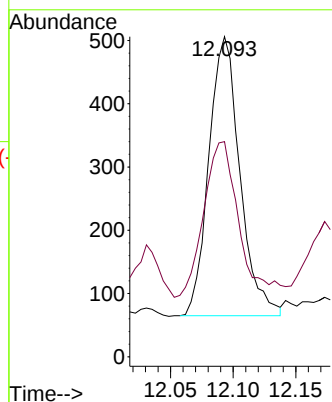
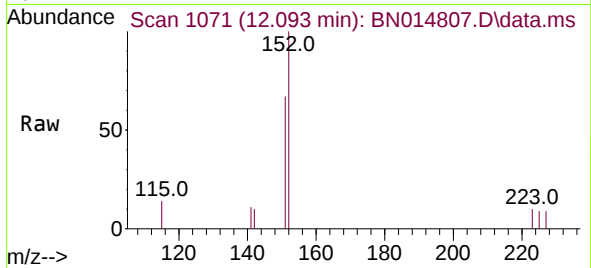




#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

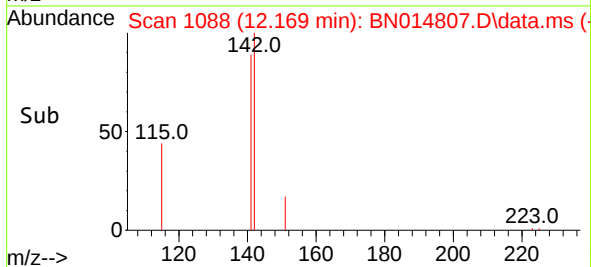
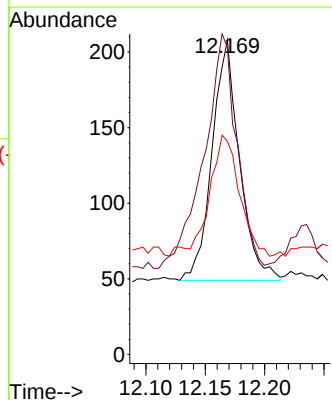
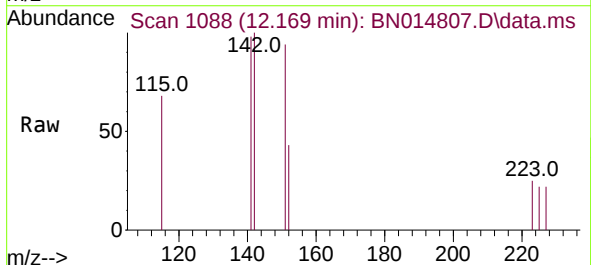
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-958-960RE

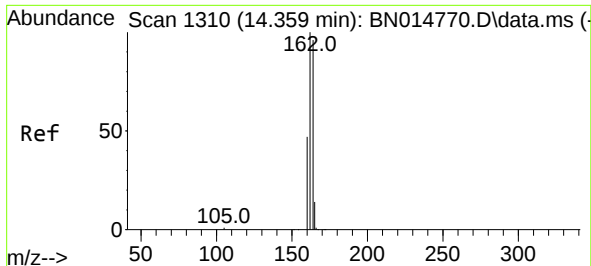
Tgt Ion:152 Resp: 760
Ion Ratio Lower Upper
152 100
151 63.3 16.8 25.2#



#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.169 min Scan# 1088
Delta R.T. -0.004 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
141 97.6 72.9 109.3
115 67.8 41.8 62.6#

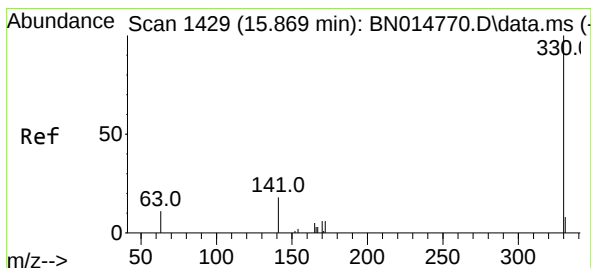
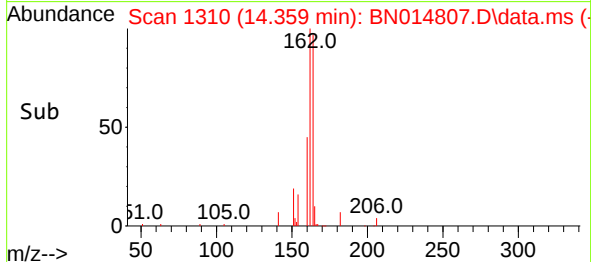
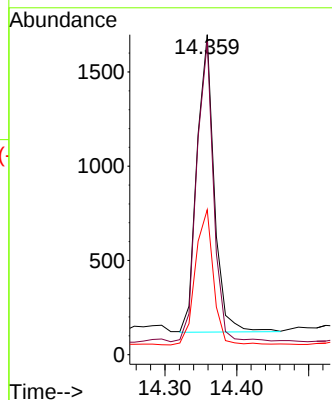
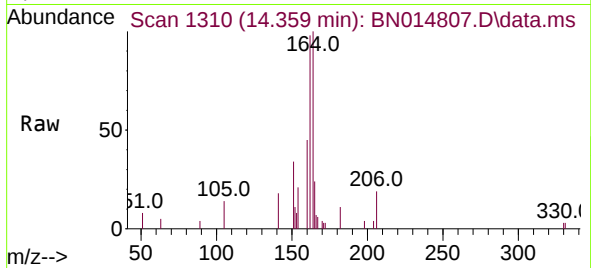




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

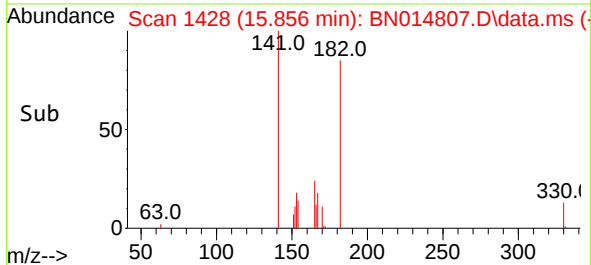
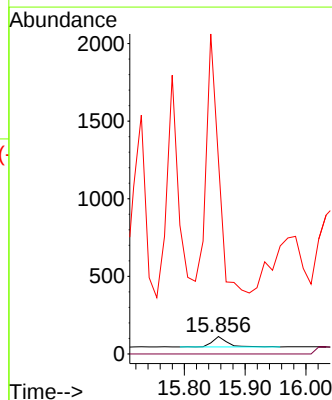
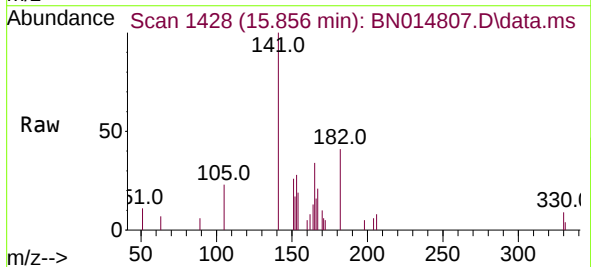
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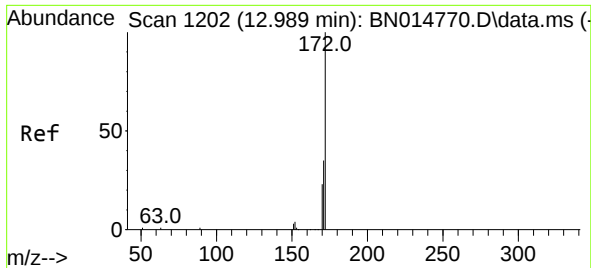
Tgt Ion:	164	Resp:	2637
Ion	Ratio	Lower	Upper
164	100		
162	97.8	83.2	124.8
160	45.3	41.8	62.6



#14
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

Tgt Ion:	330	Resp:	113
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	2033.6	21.8	32.6#

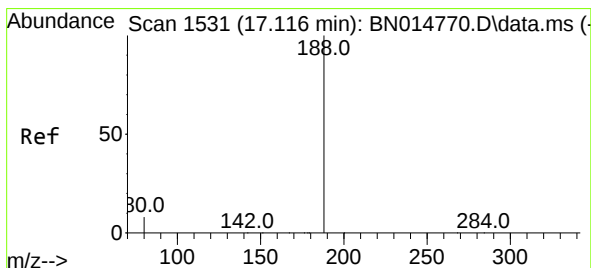
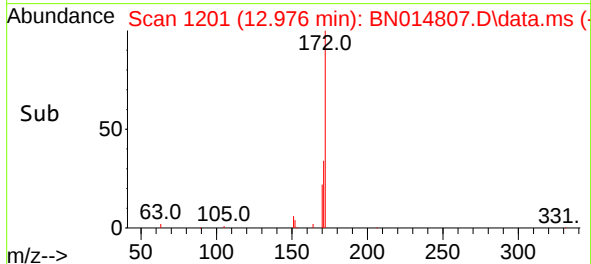
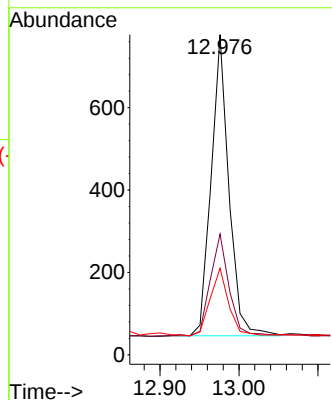
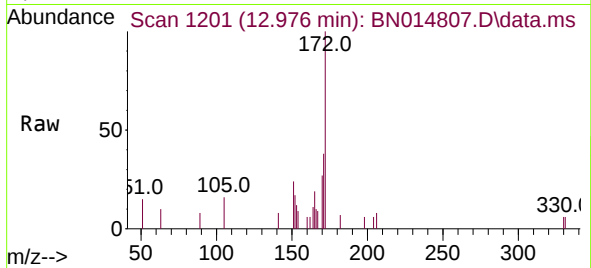




#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

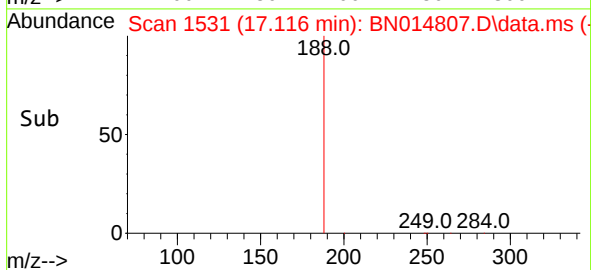
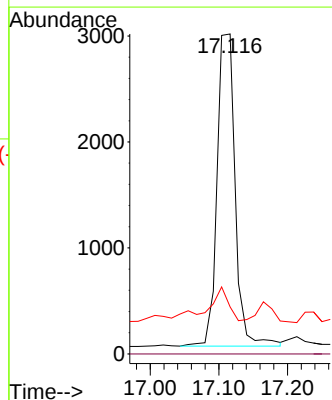
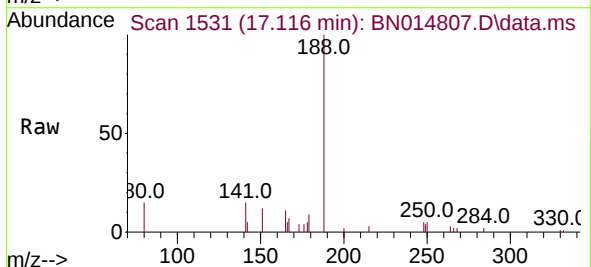
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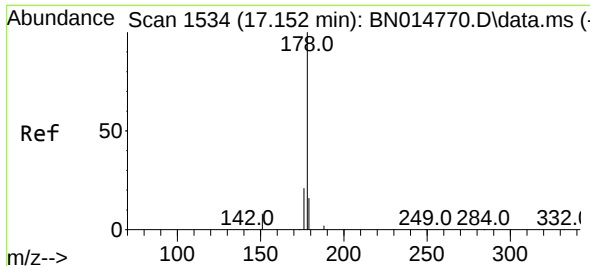
Tgt Ion:	172	Resp:	1139
Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.9	46.3
170	27.0	21.4	32.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

Tgt Ion:	188	Resp:	5384
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	8.2	12.4

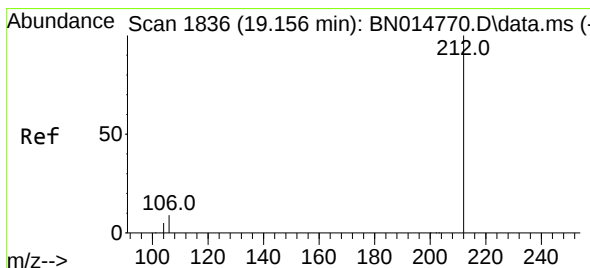
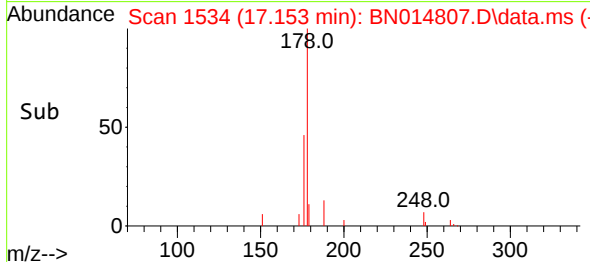
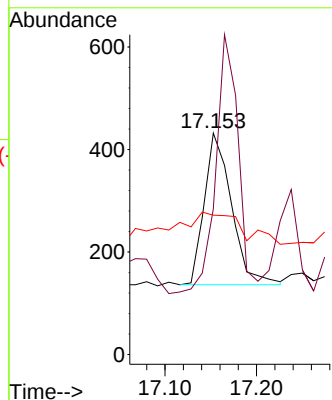
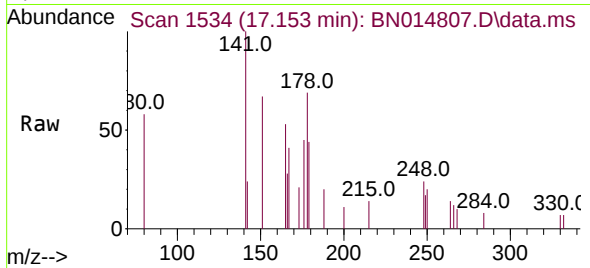




#25
Phenanthrene
Concen: 0.04 ng
RT: 17.153 min Scan# 1534
Delta R.T. 0.001 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

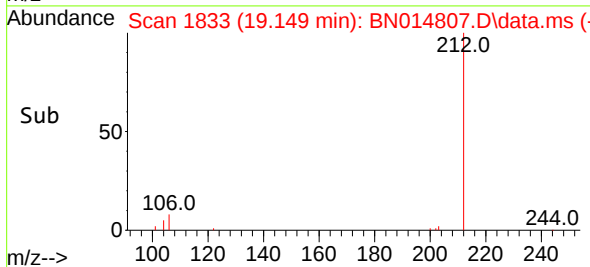
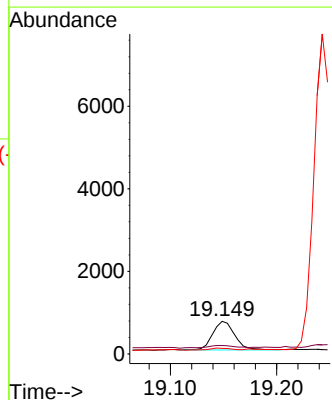
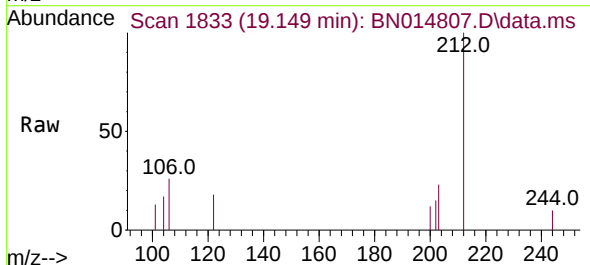
Instrument :
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BP-VPB-RW8-GW-958-960RE

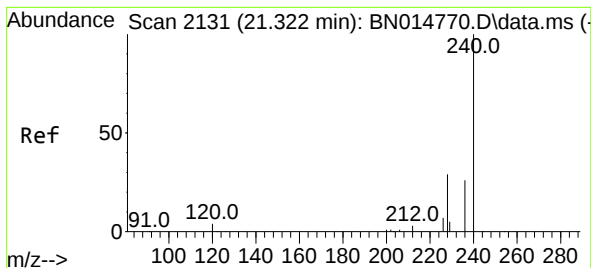
Tgt Ion:178 Resp: 613
Ion Ratio Lower Upper
178 100
176 142.6 16.0 24.0#
179 0.0 12.6 19.0#



#27
Fluoranthene-d10
Concen: 0.05 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

Tgt Ion:212 Resp: 1003
Ion Ratio Lower Upper
212 100
106 12.6 7.4 11.2#
104 0.0 4.1 6.1#





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.314 min Scan# 2129

Delta R.T. -0.008 min

Lab File: BN014807.D

Acq: 28 May 2021 17:05

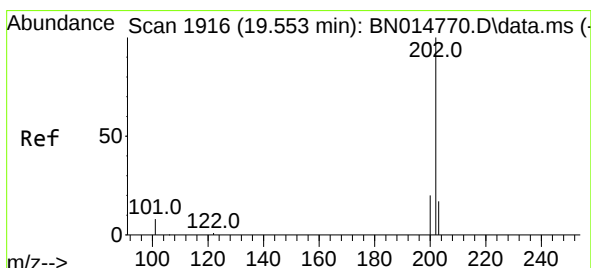
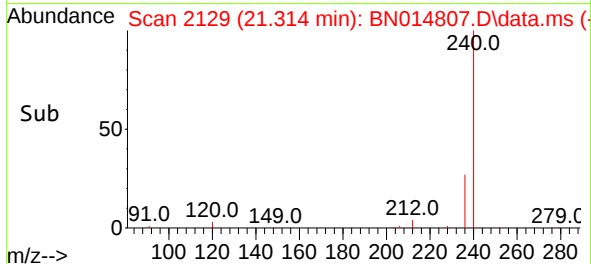
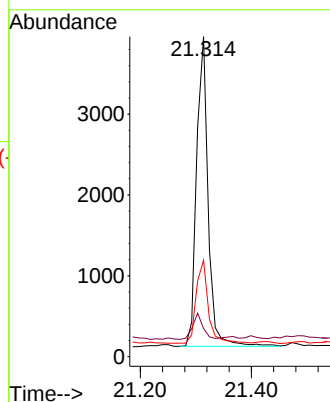
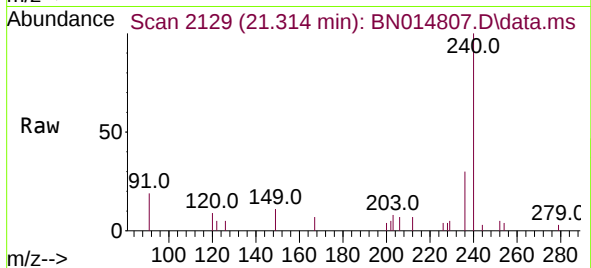
Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW8-GW-958-960RE

Tgt Ion:240	Resp:	5506
Ion Ratio	Lower	Upper
240	100	
120	8.8	5.2 7.8#
236	30.1	21.6 32.4



#30

Pyrene

Concen: 0.02 ng

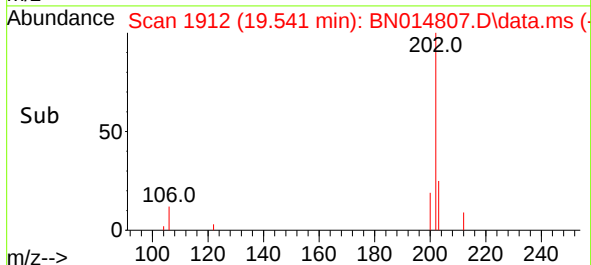
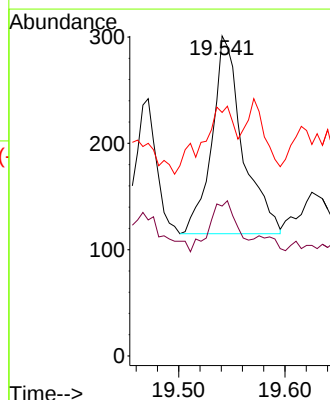
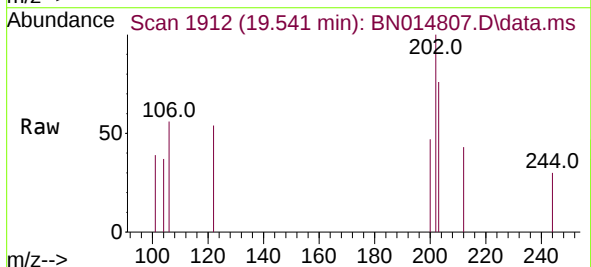
RT: 19.541 min Scan# 1912

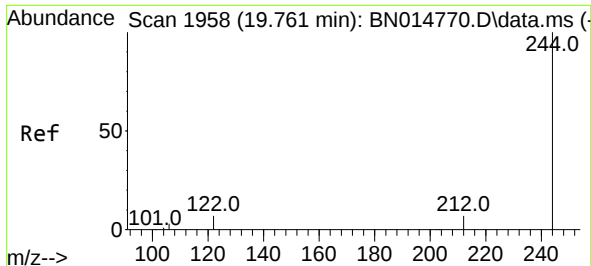
Delta R.T. -0.012 min

Lab File: BN014807.D

Acq: 28 May 2021 17:05

Tgt Ion:202	Resp:	372
Ion Ratio	Lower	Upper
202	100	
200	22.6	16.6 24.8
203	20.4	13.9 20.9

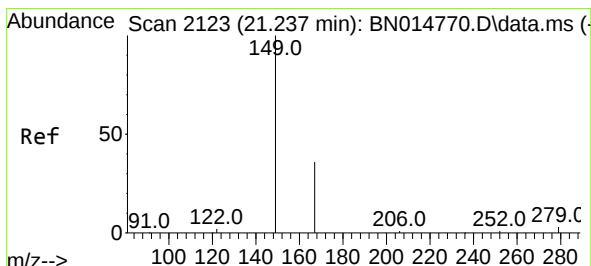
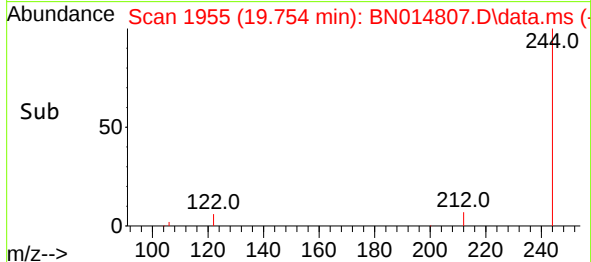
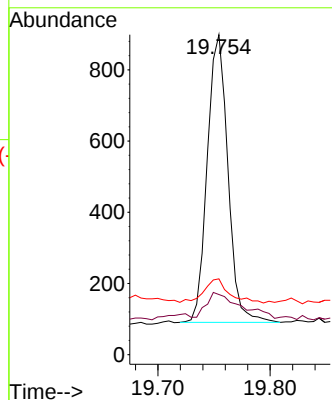
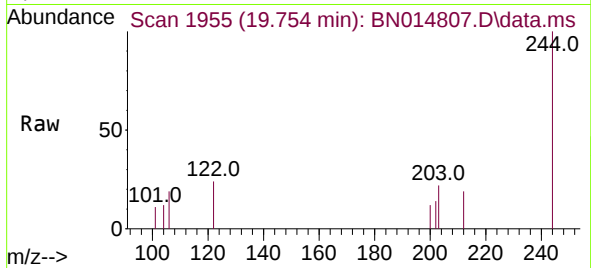




#31
Terphenyl-d14
Concen: 0.08 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

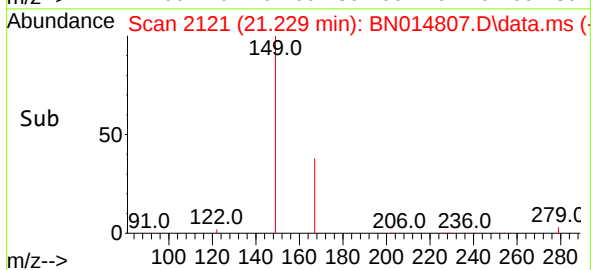
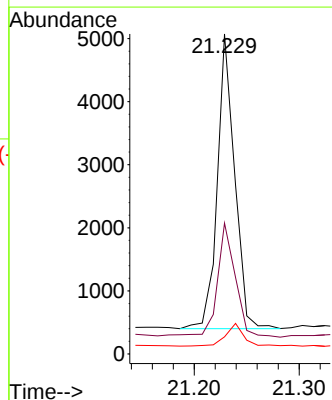
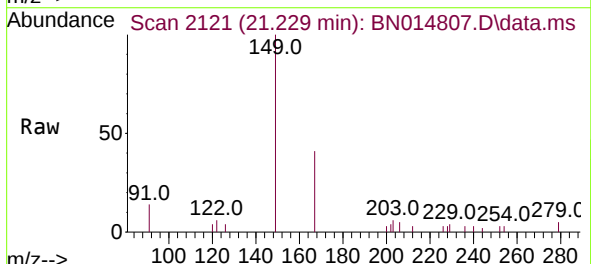
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-958-960RE

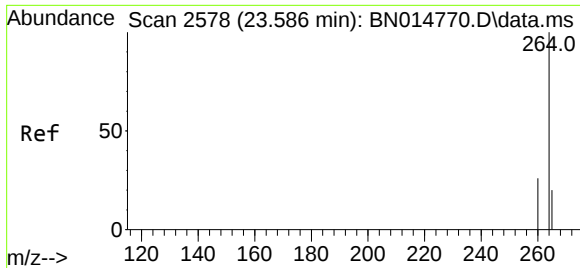
Tgt Ion:244 Resp: 1029
Ion Ratio Lower Upper
244 100
212 18.8 6.8 10.2#
122 23.7 6.6 9.8#



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.13 ng
RT: 21.229 min Scan# 2121
Delta R.T. -0.008 min
Lab File: BN014807.D
Acq: 28 May 2021 17:05

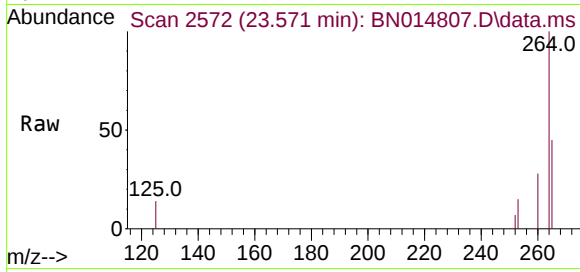
Tgt Ion:149 Resp: 5356
Ion Ratio Lower Upper
149 100
167 41.0 28.3 42.5
279 8.0 5.5 8.3





#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.571 min Scan# 2572
 Delta R.T. -0.014 min
 Lab File: BN014807.D
 Acq: 28 May 2021 17:05

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-958-960RE



Tgt Ion:264 Resp: 5459

Ion	Ratio	Lower	Upper
264	100		
260	28.3	21.4	32.2
265	45.0	40.9	61.3

