

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052121\
 Data File : BN014709.D
 Acq On : 22 May 2021 02:20
 Operator : CG/JU
 Sample : M2472-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 22 04:04:06 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)

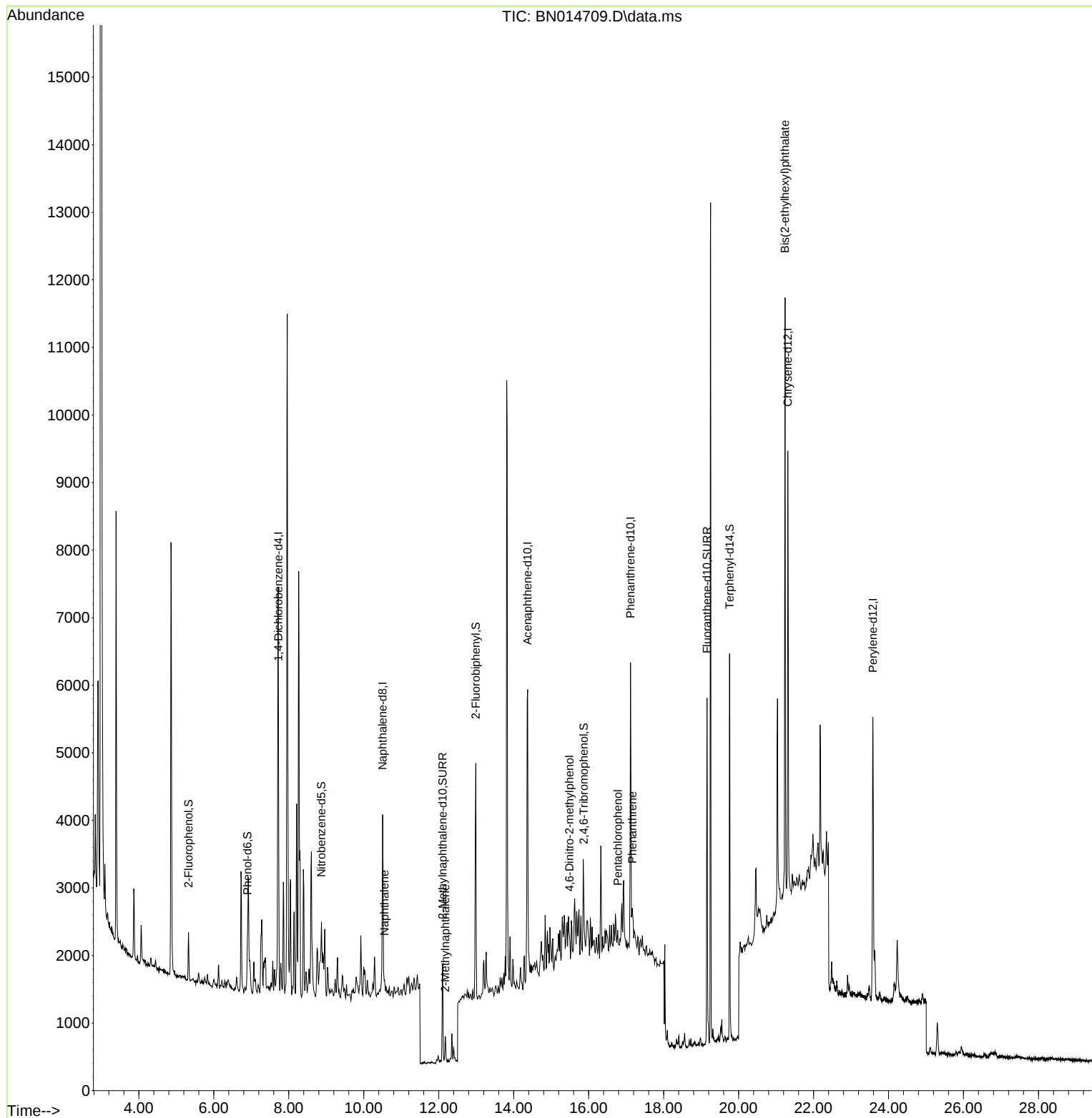
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	905	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3510	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	2632	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	5818	0.40	ng	# 0.00
29) Chrysene-d12	21.314	240	5998	0.40	ng	# 0.00
35) Perylene-d12	23.582	264	5531	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	531	0.22	ng	0.00
5) Phenol-d6	6.895	99	553	0.17	ng	0.00
8) Nitrobenzene-d5	8.870	82	1087	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	1954	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	531	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	3057	0.32	ng	0.00
27) Fluoranthene-d10	19.159	212	5993	0.23	ng	0.00
31) Terphenyl-d14	19.759	244	5795	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	72	Below Cal	#	1
9) Naphthalene	10.556	128	227	0.02	ng	# 25
12) 2-Methylnaphthalene	12.178	142	249	0.04	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.488	198	39	0.19	ng	# 1
24) Pentachlorophenol	16.776	266	32	0.03	ng	# 39
25) Phenanthrene	17.165	178	680	0.04	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.239	149	6785	1.40	ng	# 76

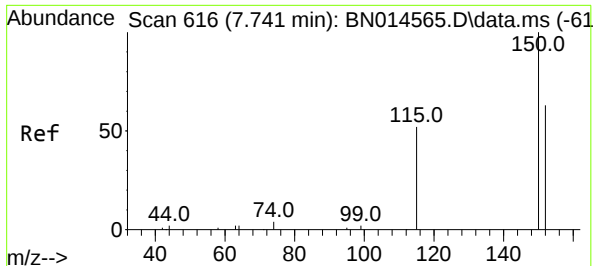
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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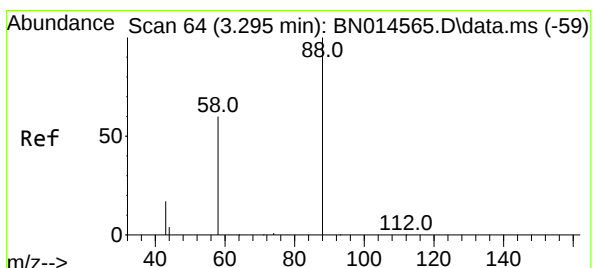
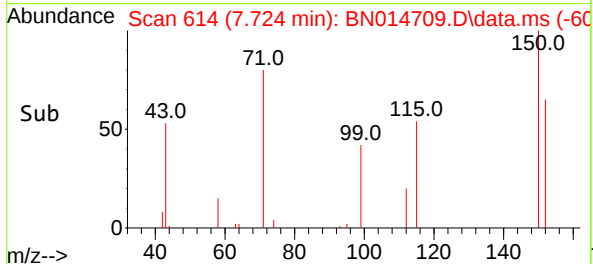
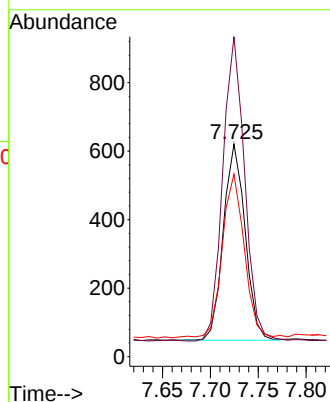
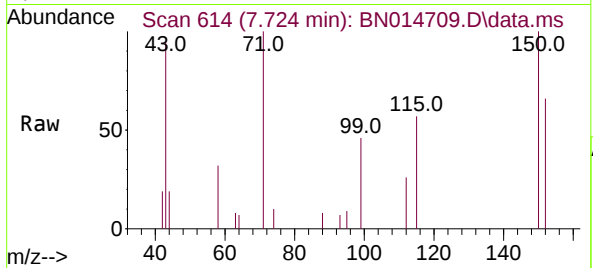




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.724 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: BN014709.D
 Acq: 22 May 2021 02:20

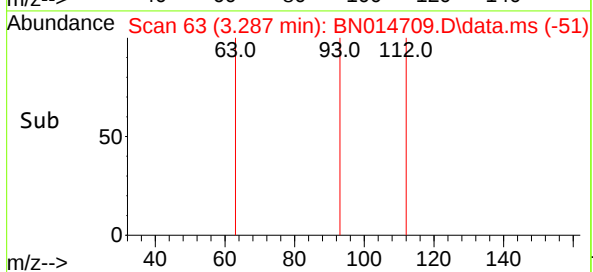
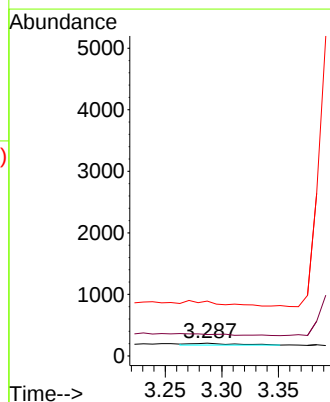
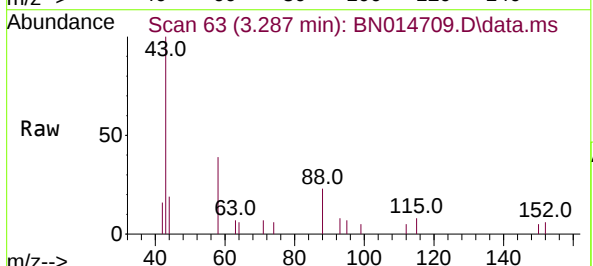
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

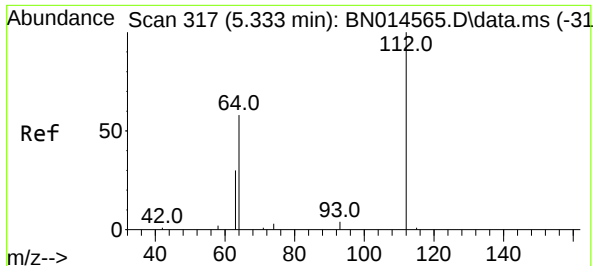
Tgt Ion:152 Resp: 905
 Ion Ratio Lower Upper
 152 100
 150 150.6 123.8 185.8
 115 86.0 47.0 70.4#



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.287 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: BN014709.D
 Acq: 22 May 2021 02:20

Tgt Ion: 88 Resp: 72
 Ion Ratio Lower Upper
 88 100
 58 0.0 44.4 66.6#
 43 226.4 15.9 23.9#

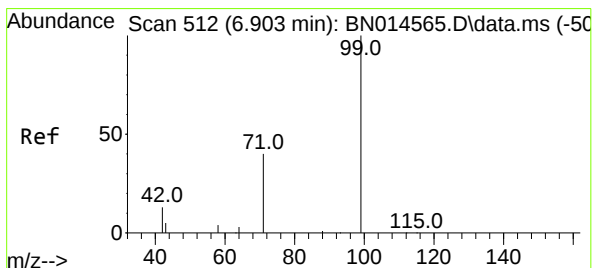
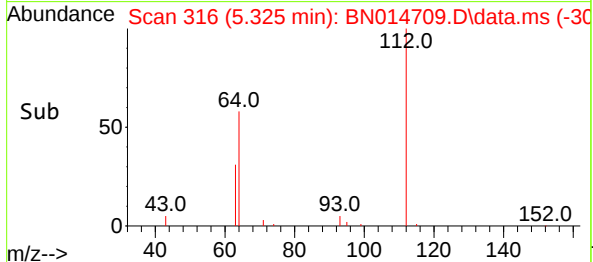
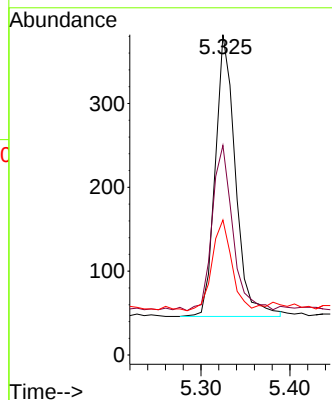
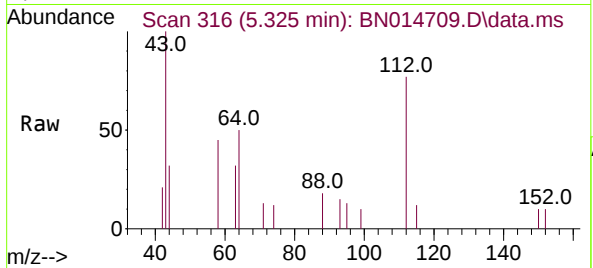




#4
2-Fluorophenol
Concen: 0.22 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

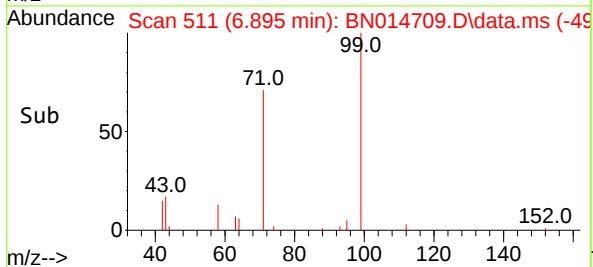
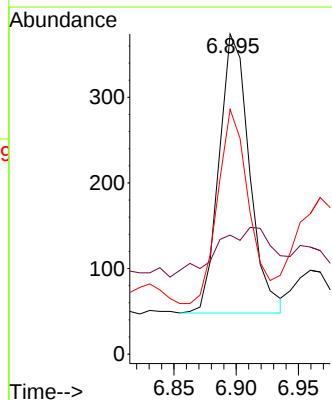
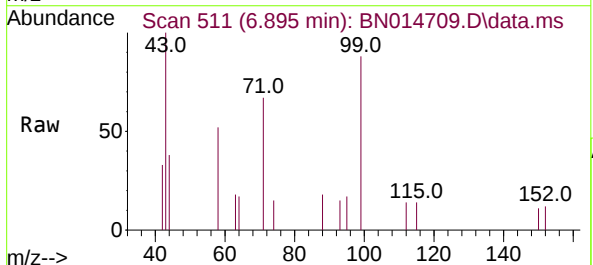
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

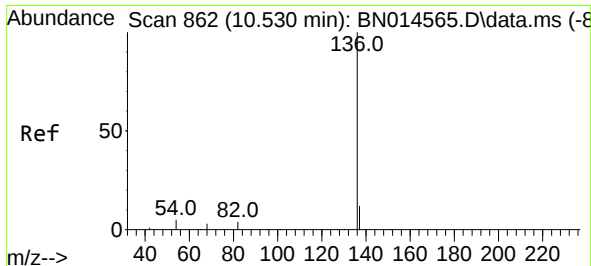
Tgt Ion:	112	Resp:	531
Ion	Ratio	Lower	Upper
112	100		
64	58.6	41.8	62.6
63	31.3	22.0	33.0



#5
Phenol-d6
Concen: 0.17 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

Tgt Ion:	99	Resp:	553
Ion	Ratio	Lower	Upper
99	100		
42	34.0	13.2	19.8#
71	71.1	26.2	39.2#

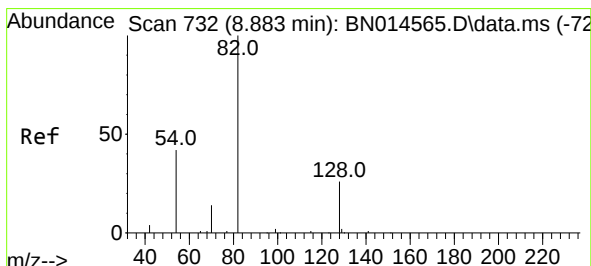
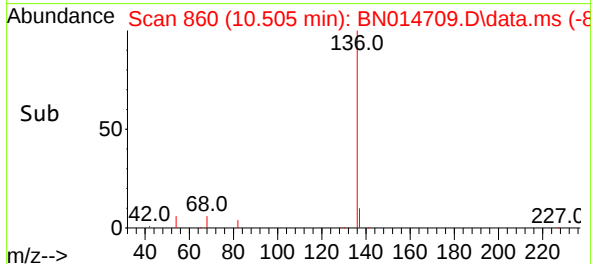
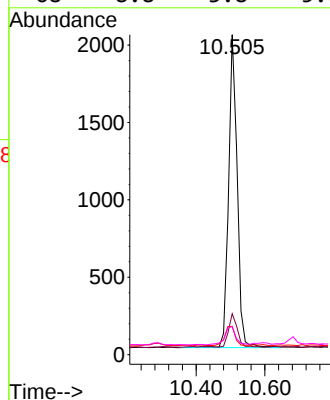
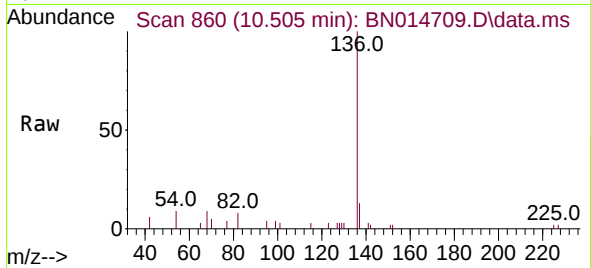




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

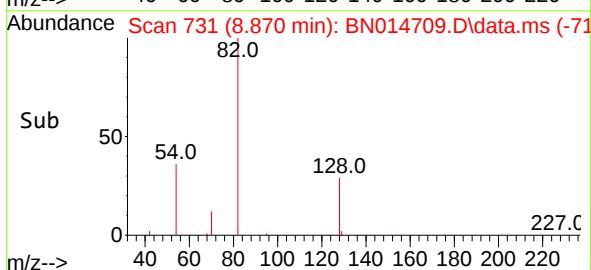
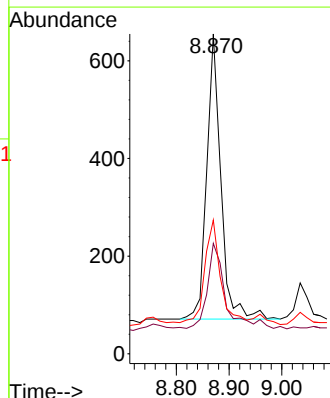
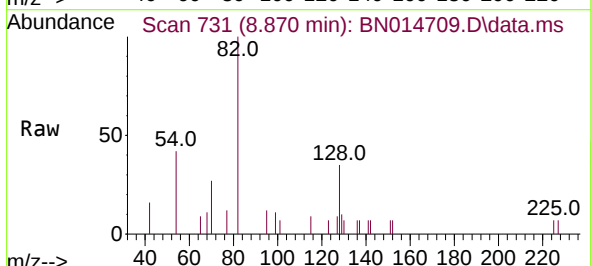
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

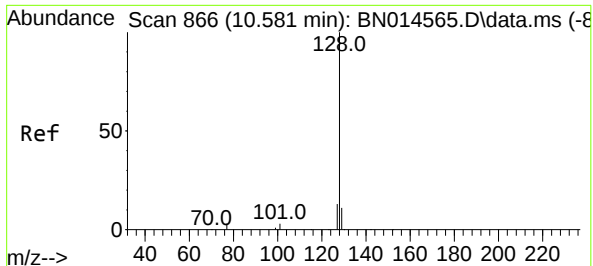
Tgt Ion:	136	Resp:	3510
Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.9	13.3
54	8.9	3.8	5.8#
68	8.8	3.8	5.6#



#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

Tgt Ion:	82	Resp:	1087
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.5	44.3
54	41.8	36.9	55.3

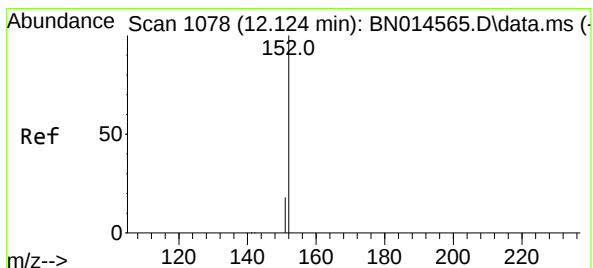
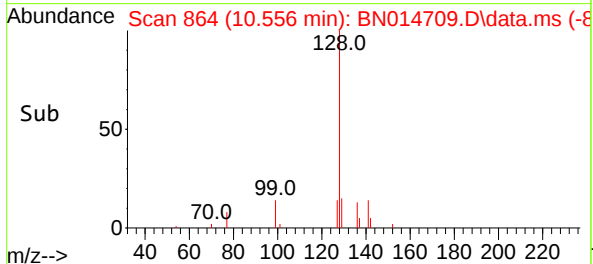
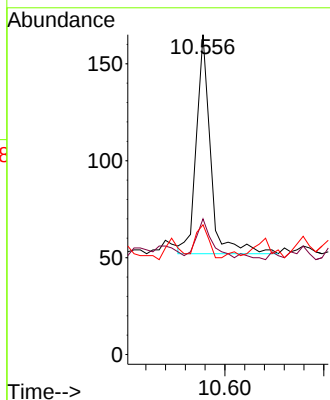
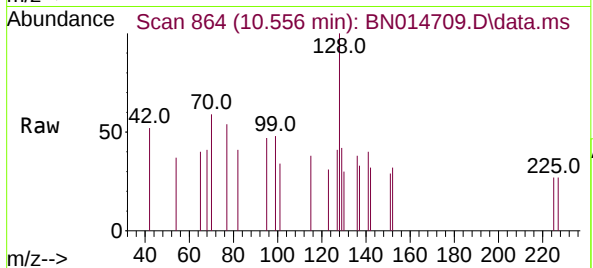




#9
Naphthalene
Concen: 0.02 ng
RT: 10.556 min Scan# 864
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

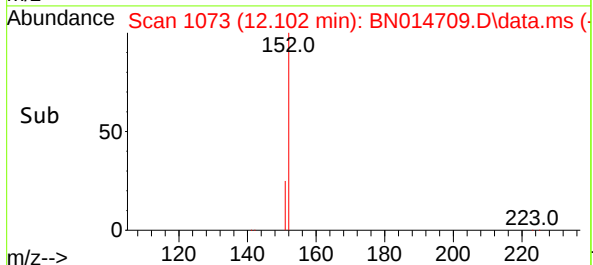
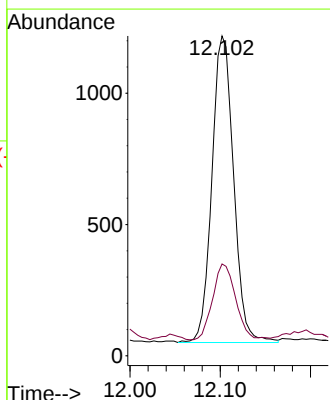
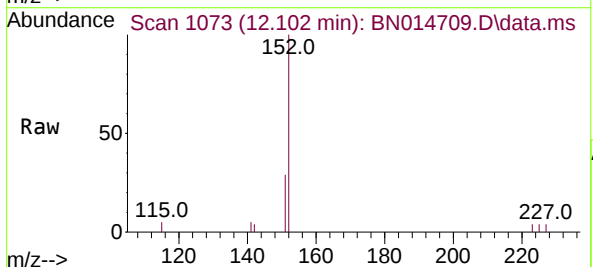
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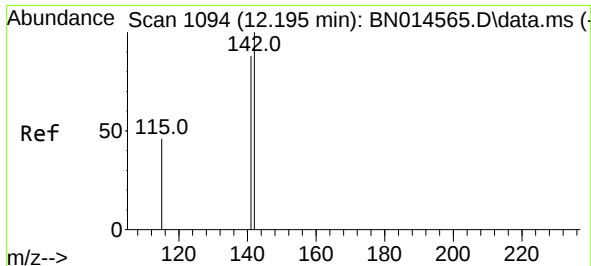
Tgt Ion:128 Resp: 227
Ion Ratio Lower Upper
128 100
129 42.4 9.0 13.4#
127 40.6 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.102 min Scan# 1073
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

Tgt Ion:152 Resp: 1954
Ion Ratio Lower Upper
152 100
151 26.5 16.2 24.2#

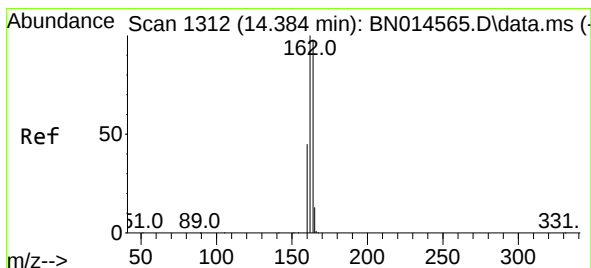
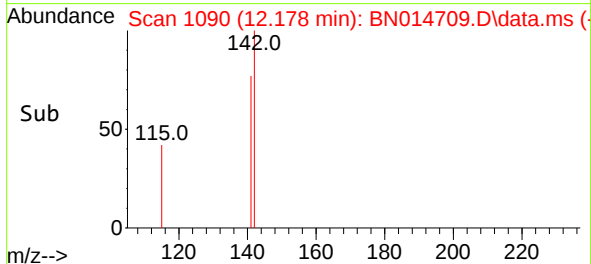
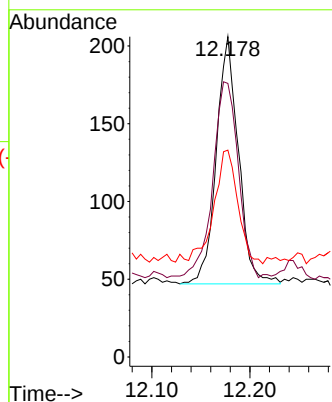
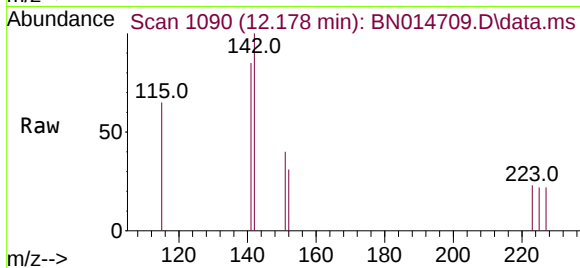




#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.178 min Scan# 1090
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

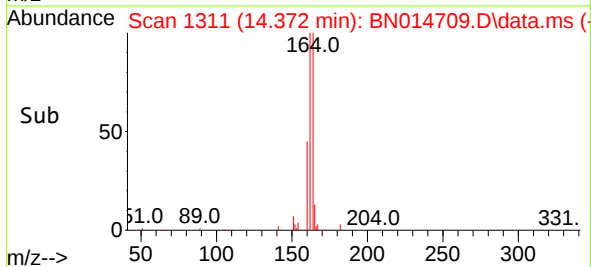
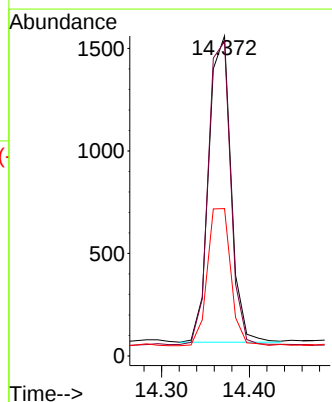
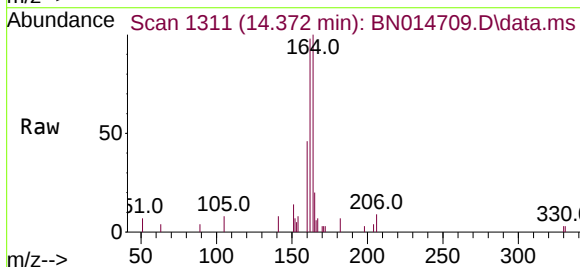
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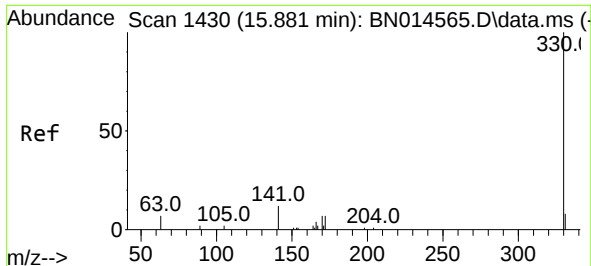
Tgt Ion:	142	Resp:	249
Ion Ratio	Lower	Upper	
142	100		
141	85.4	70.2	105.4
115	64.6	26.7	40.1#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

Tgt Ion:	164	Resp:	2632
Ion Ratio	Lower	Upper	
164	100		
162	98.2	78.6	118.0
160	46.1	35.8	53.8

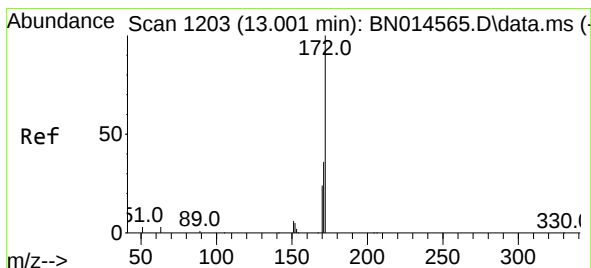
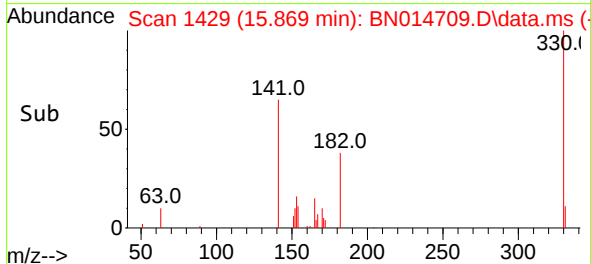
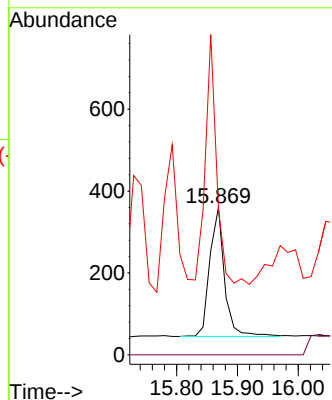
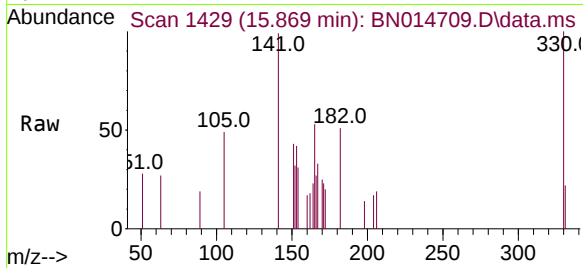




#14
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

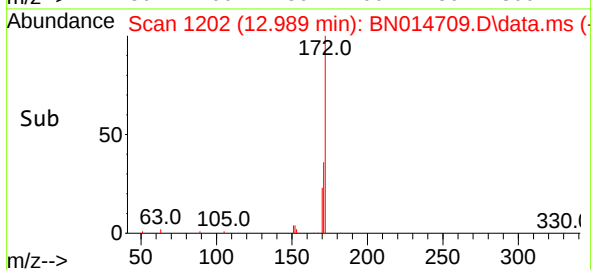
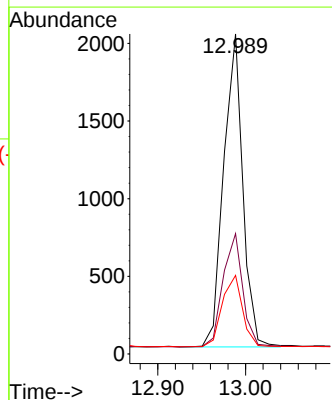
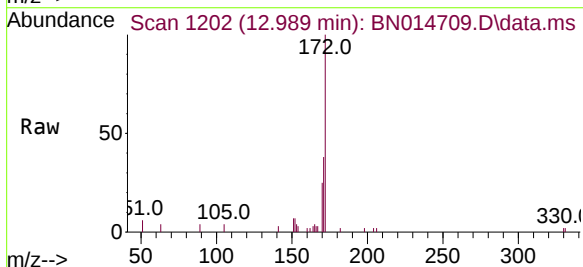
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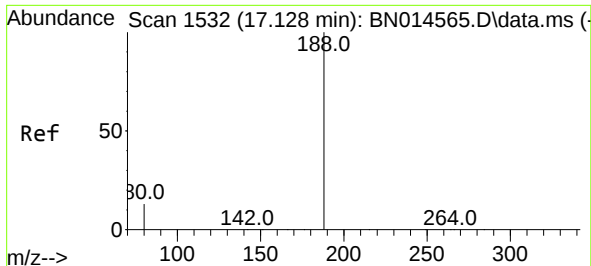
Tgt Ion:330 Resp: 531
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 146.5 27.0 40.4#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

Tgt Ion:172 Resp: 3057
Ion Ratio Lower Upper
172 100
171 37.6 27.1 40.7
170 24.6 18.3 27.5

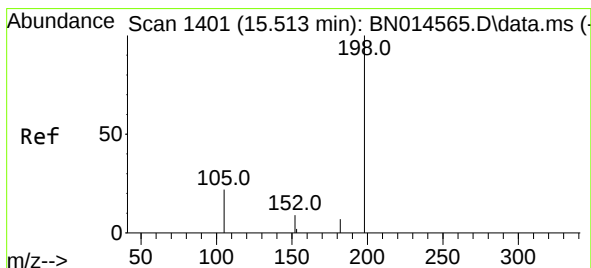
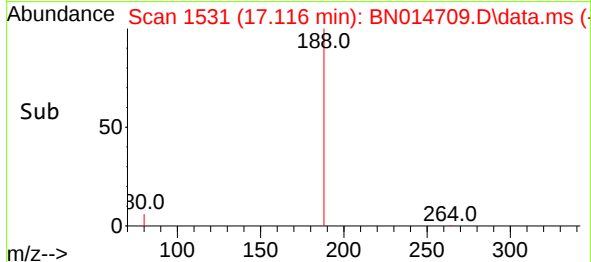
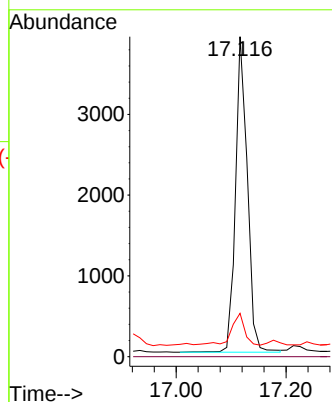
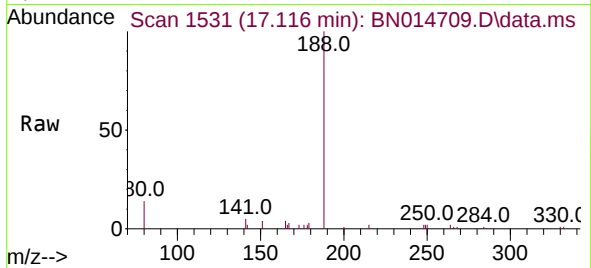




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

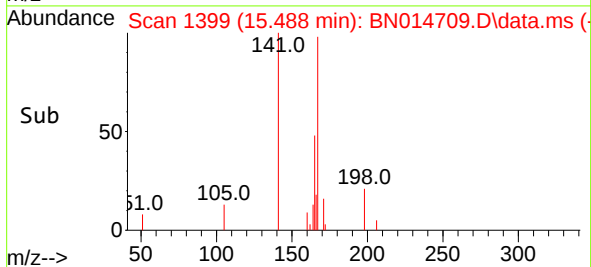
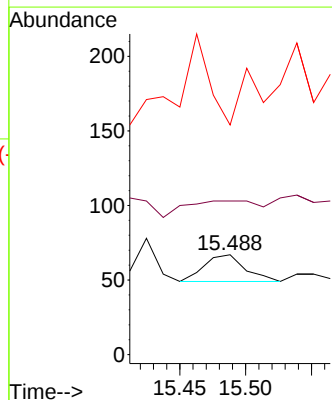
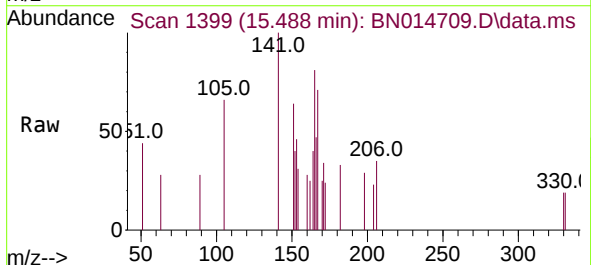
Instrument :
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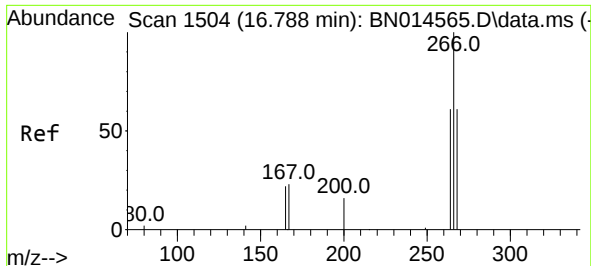
Tgt Ion:188 Resp: 5818
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.6 5.2 7.8#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.488 min Scan# 1399
Delta R.T. -0.013 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

Tgt Ion:198 Resp: 39
Ion Ratio Lower Upper
198 100
51 153.7 865.3 1297.9#
105 229.9 93.6 140.4#

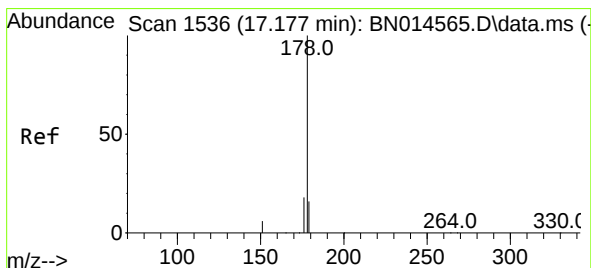
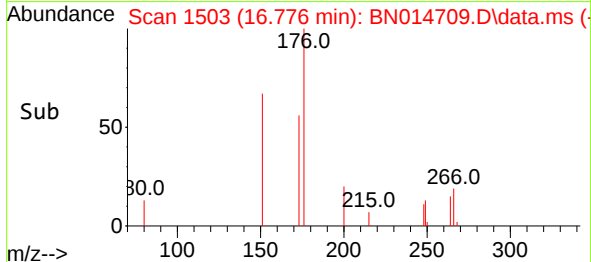
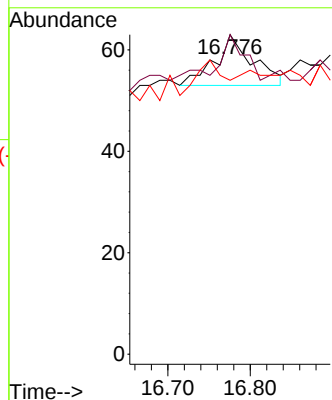
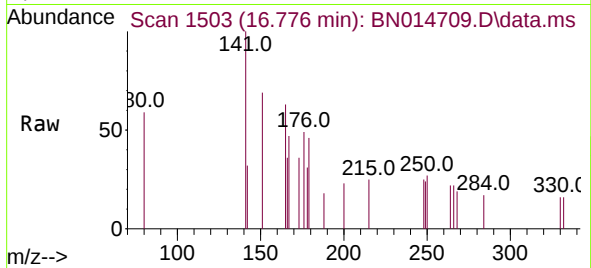




#24
 Pentachlorophenol
 Concen: 0.03 ng
 RT: 16.776 min Scan# 1503
 Delta R.T. -0.000 min
 Lab File: BN014709.D
 Acq: 22 May 2021 02:20

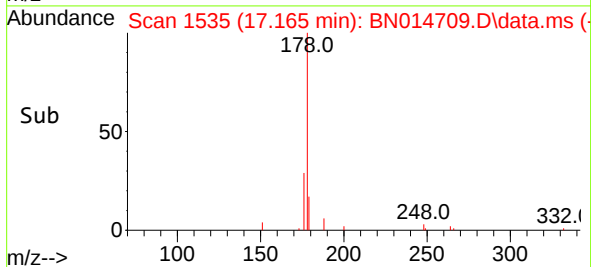
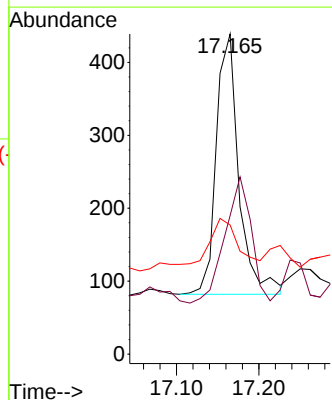
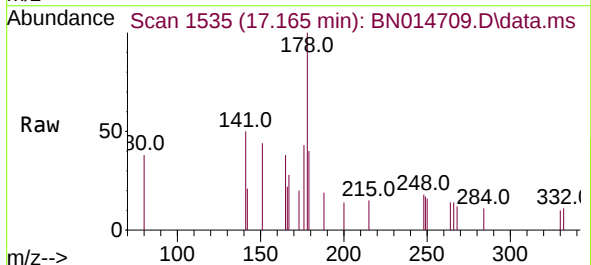
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-918-920

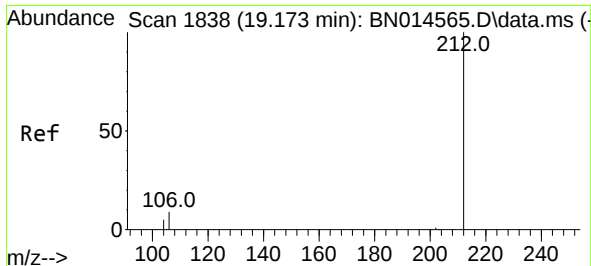
Tgt Ion:266 Resp: 32
 Ion Ratio Lower Upper
 266 100
 264 65.6 24.2 36.4#
 268 0.0 25.2 37.8#



#25
 Phenanthrene
 Concen: 0.04 ng
 RT: 17.165 min Scan# 1535
 Delta R.T. -0.000 min
 Lab File: BN014709.D
 Acq: 22 May 2021 02:20

Tgt Ion:178 Resp: 680
 Ion Ratio Lower Upper
 178 100
 176 56.6 15.2 22.8#
 179 0.0 12.4 18.6#

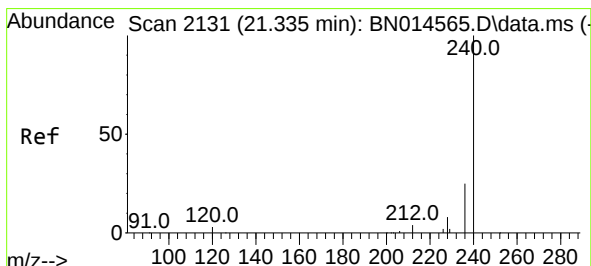
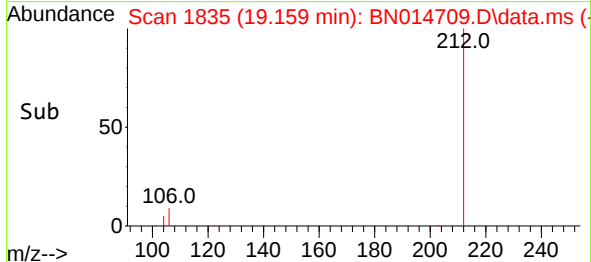
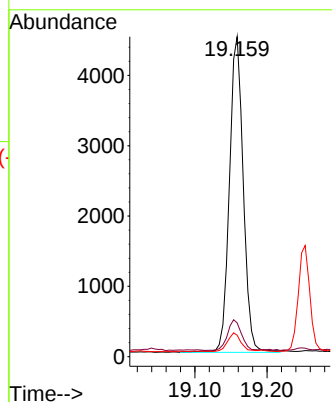
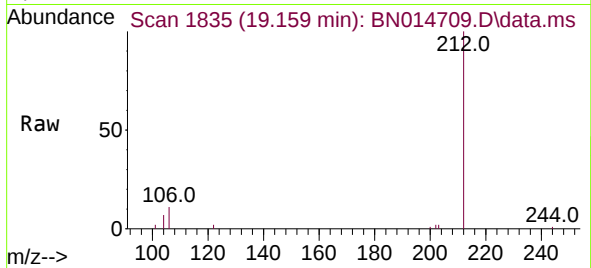




#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.159 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

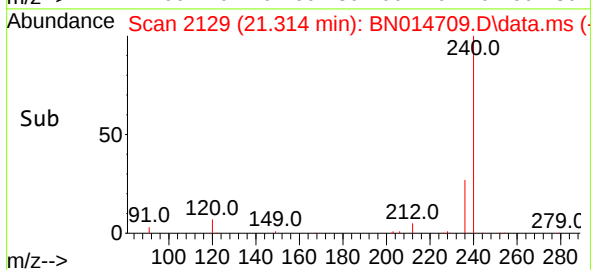
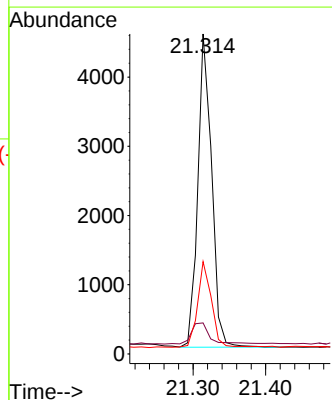
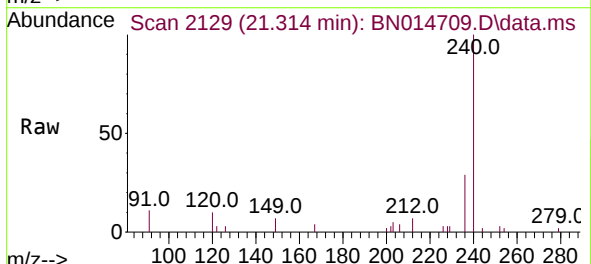
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

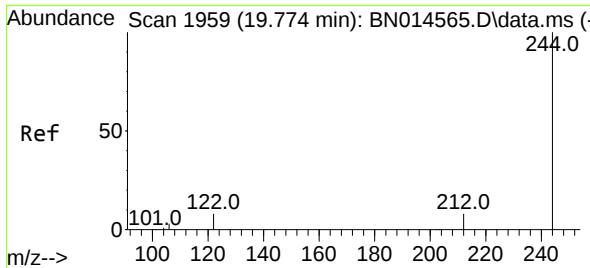
Tgt Ion:212 Resp: 5993
Ion Ratio Lower Upper
212 100
106 9.7 10.1 15.1#
104 5.6 5.4 8.2



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

Tgt Ion:240 Resp: 5998
Ion Ratio Lower Upper
240 100
120 9.7 5.8 8.8#
236 28.8 20.6 30.8

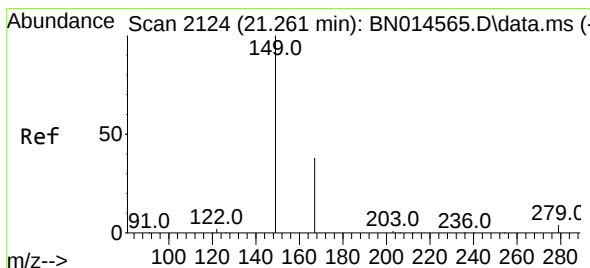
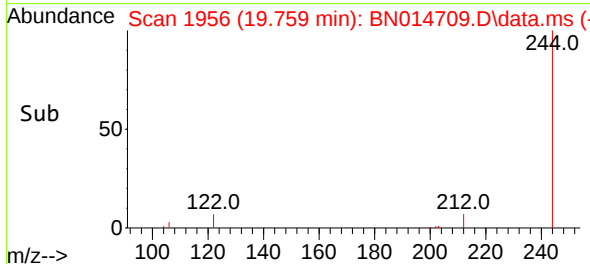
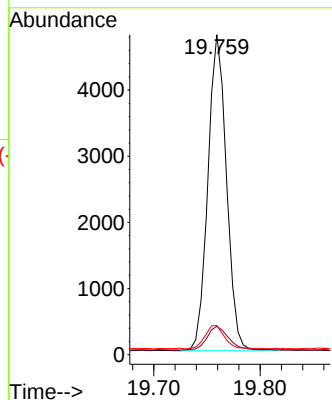
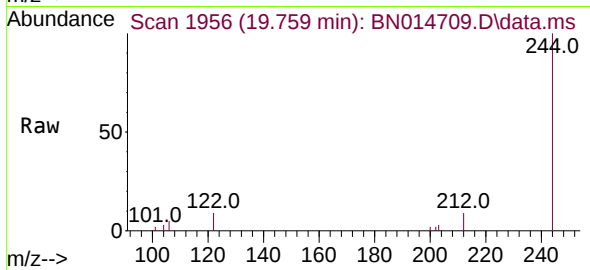




#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.759 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

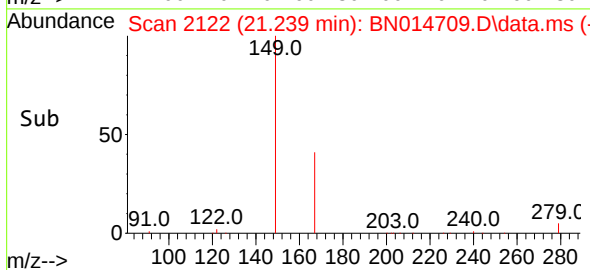
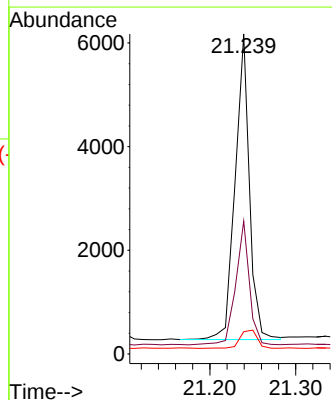
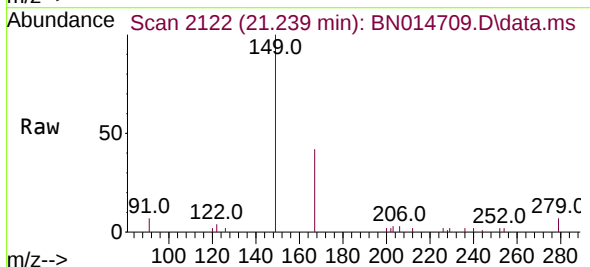
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-918-920

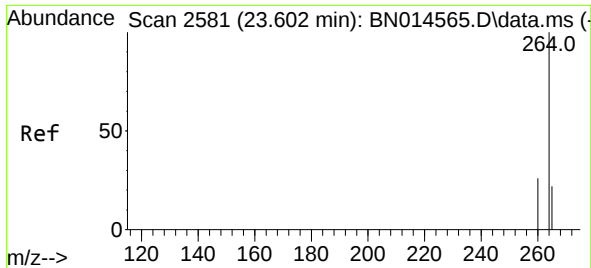
Tgt Ion:244 Resp: 5795
Ion Ratio Lower Upper
244 100
212 8.9 6.0 9.0
122 9.1 9.3 13.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.40 ng
RT: 21.239 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BN014709.D
Acq: 22 May 2021 02:20

Tgt Ion:149 Resp: 6785
Ion Ratio Lower Upper
149 100
167 38.6 20.5 30.7#
279 7.3 2.9 4.3#





#35

Perylene-d12

Concen: 0.40 ng

RT: 23.582 min Scan# 2575

Delta R.T. -0.003 min

Lab File: BN014709.D

Acq: 22 May 2021 02:20

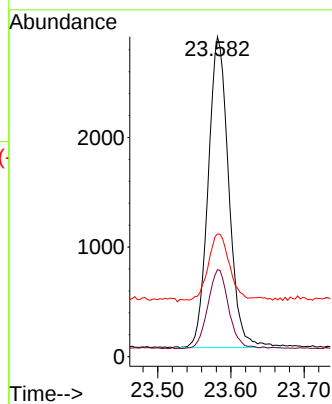
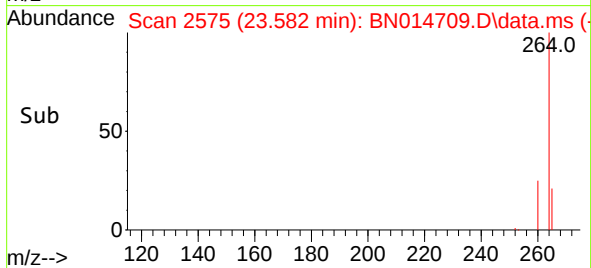
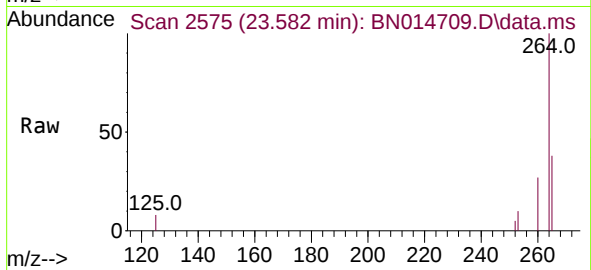
Tgt Ion:264 Resp: 5531

Ion Ratio Lower Upper

264 100

260 27.2 19.5 29.3

265 38.3 35.4 53.0



Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW8-GW-918-920