

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052421\
 Data File : BN014716.D
 Acq On : 24 May 2021 15:00
 Operator : CG/JU
 Sample : M2434-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TW-SB-2

Quant Time: May 24 15:29:55 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)

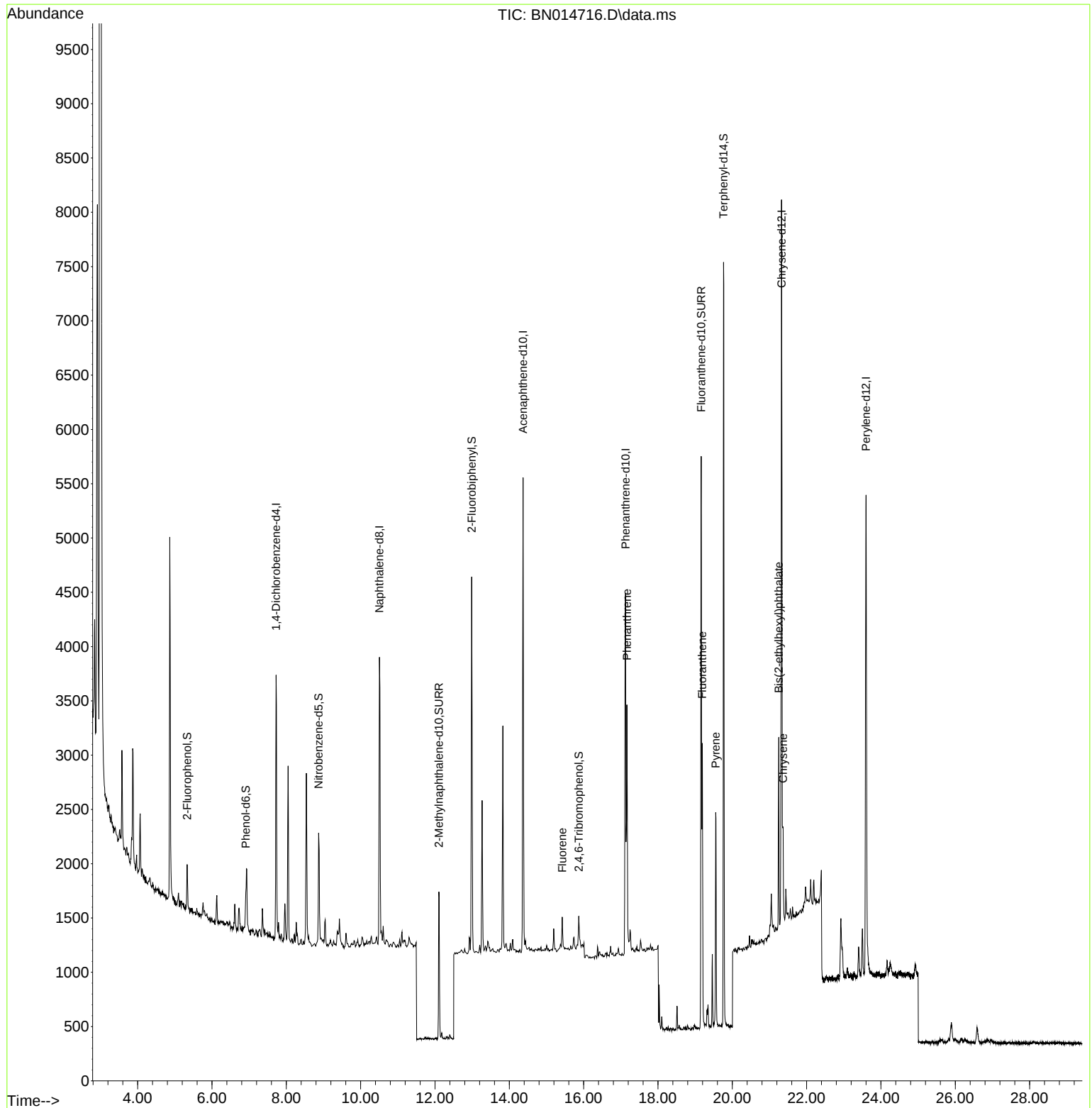
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	1086	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	3856	0.40	ng	# 0.00
13) Acenaphthene-d10	14.371	164	2480	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	5532	0.40	ng	# 0.01
29) Chrysene-d12	21.324	240	6169	0.40	ng	0.01
35) Perylene-d12	23.599	264	6134	0.40	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.332	112	335	0.12	ng	0.00
5) Phenol-d6	6.911	99	275	0.07	ng	0.02
8) Nitrobenzene-d5	8.870	82	1115	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	1848	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.868	330	269	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	2937	0.32	ng	0.00
27) Fluoranthene-d10	19.163	212	6392	0.26	ng	0.00
31) Terphenyl-d14	19.764	244	7426	0.51	ng	0.00
Target Compounds						Qvalue
18) Fluorene	15.424	166	218	0.02	ng	# 82
25) Phenanthrene	17.165	178	2390	0.16	ng	98
28) Fluoranthene	19.193	202	2338	0.12	ng	97
30) Pyrene	19.555	202	1839	0.11	ng	97
33) Chrysene	21.367	228	825	0.04	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.250	149	1459	0.29	ng	# 81

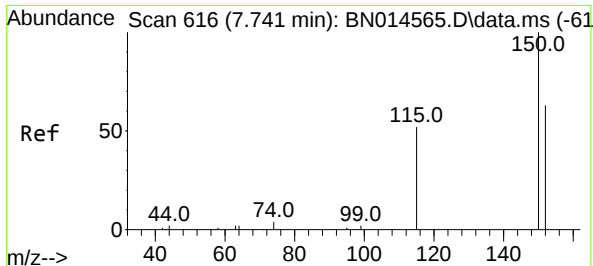
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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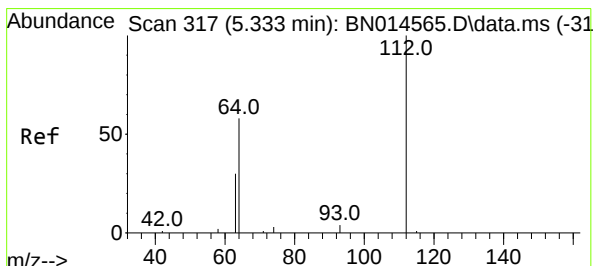
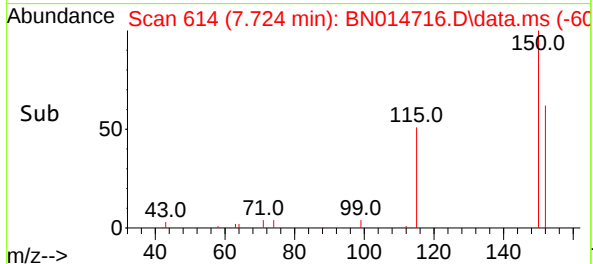
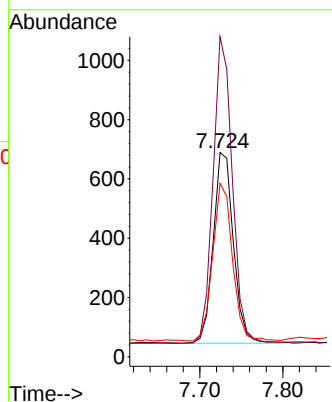
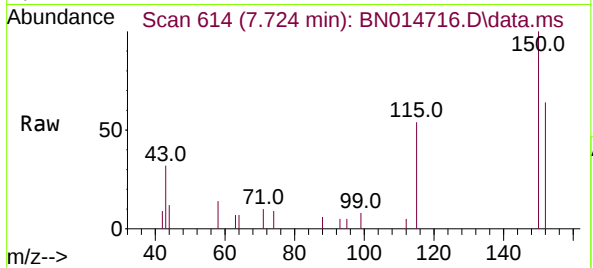




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. -0.001 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

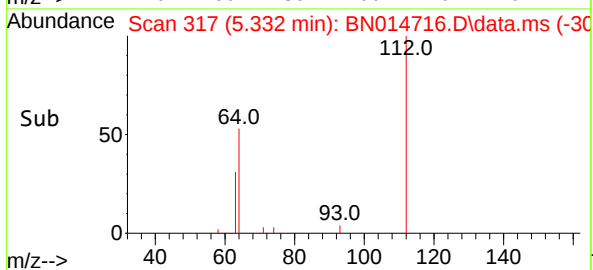
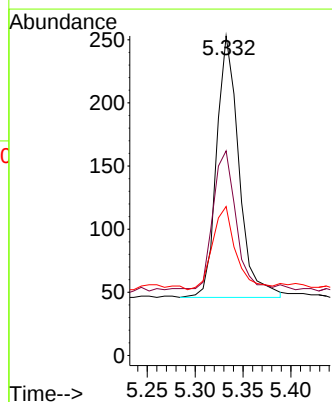
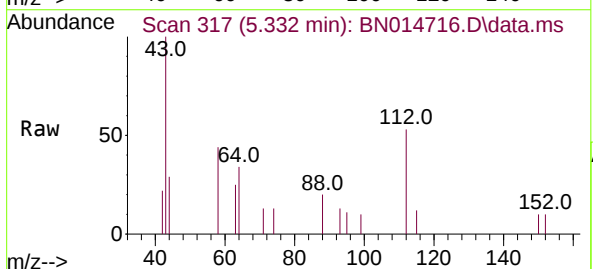
Instrument :
BNA_N
ClientSampled :
TW-SB-2

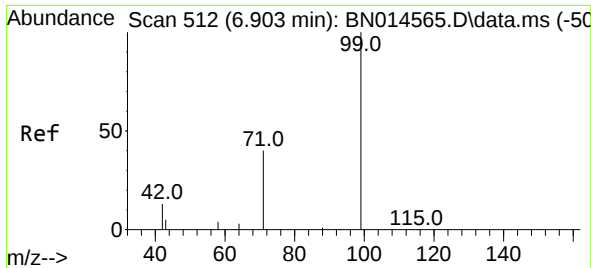
Tgt Ion:152 Resp: 1086
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.8
115 84.9 47.0 70.4#



#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.332 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:112 Resp: 335
Ion Ratio Lower Upper
112 100
64 54.9 41.8 62.6
63 33.7 22.0 33.0#

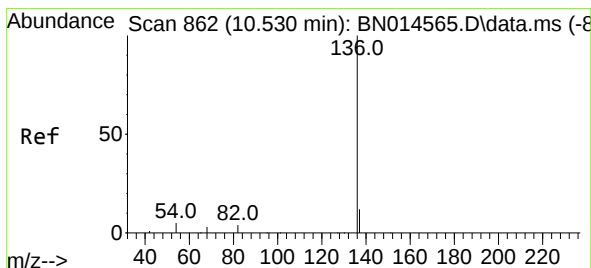
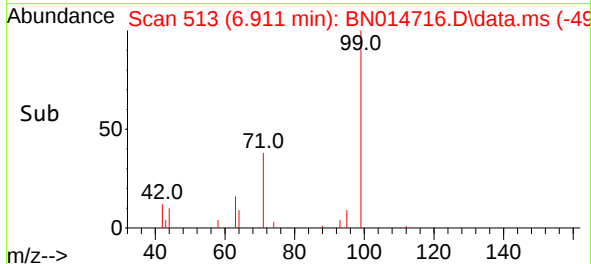
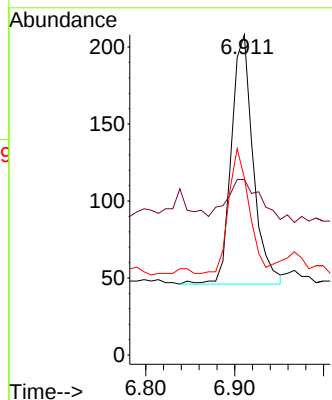
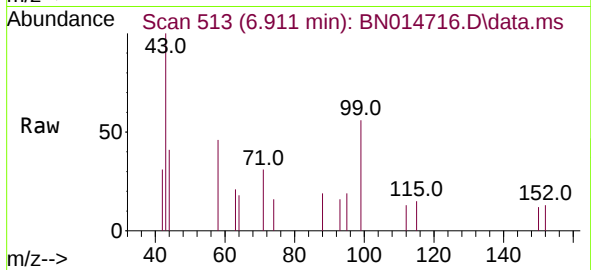




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.911 min Scan# 513
Delta R.T. 0.016 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

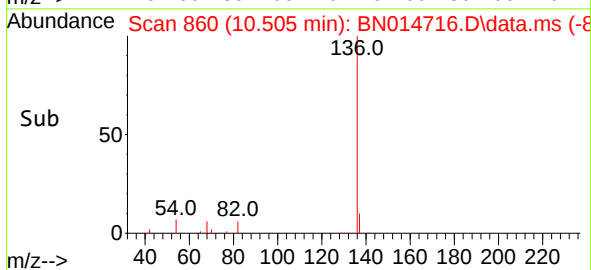
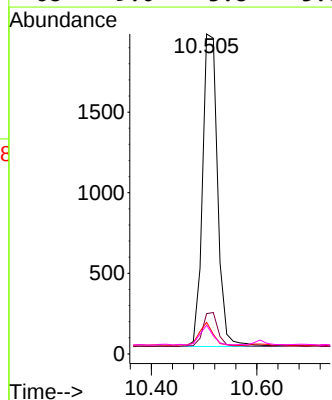
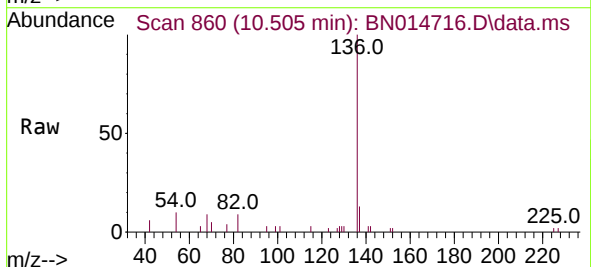
Instrument :
BNA_N
ClientSampleId :
TW-SB-2

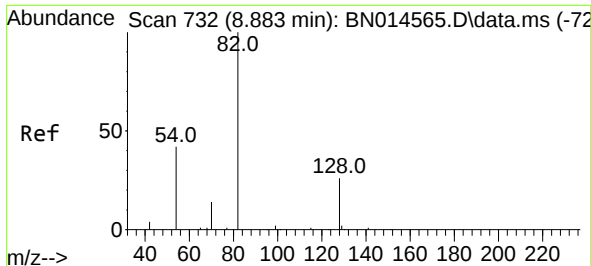
Tgt Ion: 99 Resp: 275
Ion Ratio Lower Upper
99 100
42 23.6 13.2 19.8#
71 47.6 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:136 Resp: 3856
Ion Ratio Lower Upper
136 100
137 12.6 8.9 13.3
54 9.9 3.8 5.8#
68 9.0 3.8 5.6#

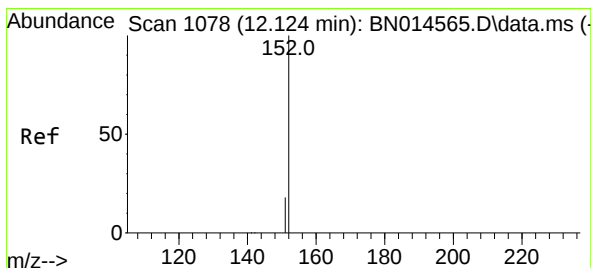
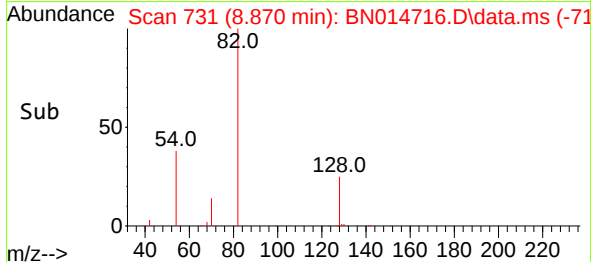
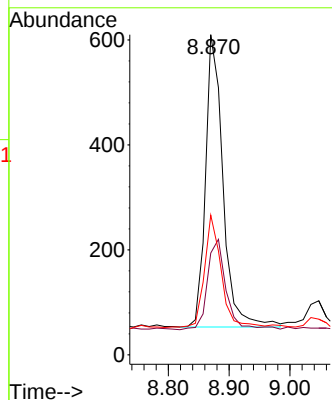
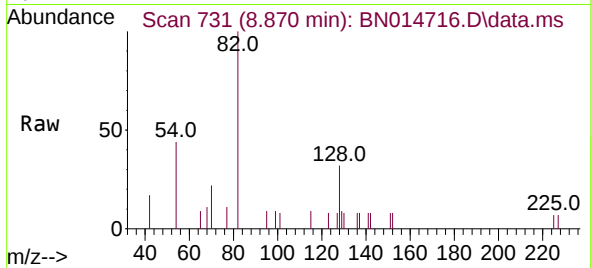




#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.870 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

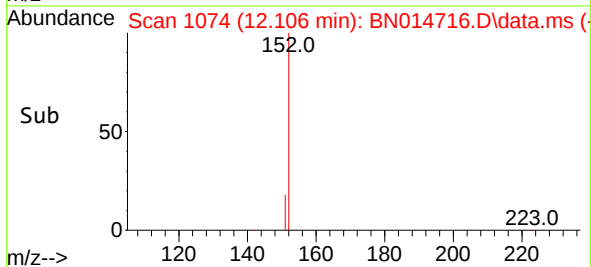
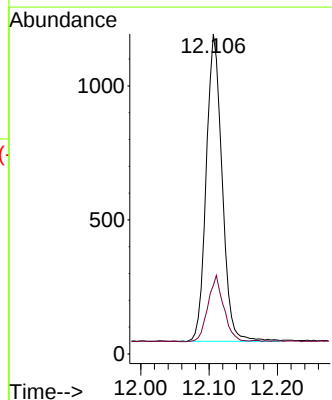
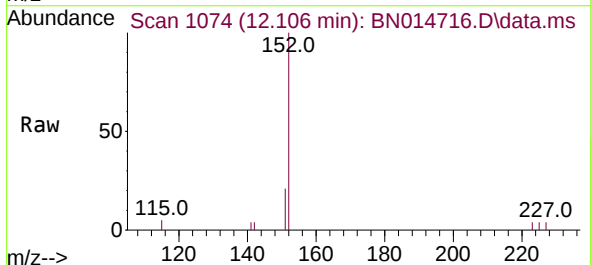
Instrument :
BNA_N
ClientSampleId :
TW-SB-2

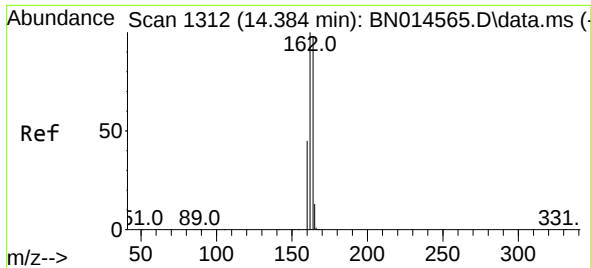
Tgt Ion:	82	Resp:	1115
Ion Ratio	Lower	Upper	
82	100		
128	31.8	29.5	44.3
54	43.6	36.9	55.3



#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 12.106 min Scan# 1074
Delta R.T. 0.004 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:	152	Resp:	1848
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.2	24.2

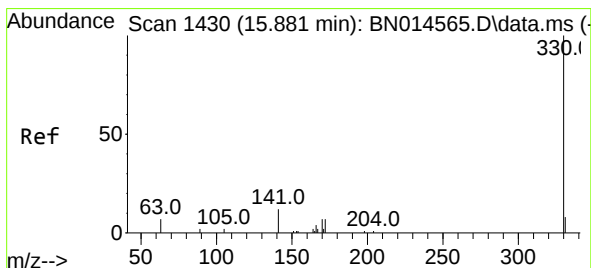
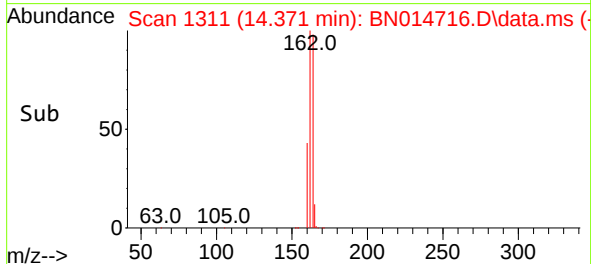
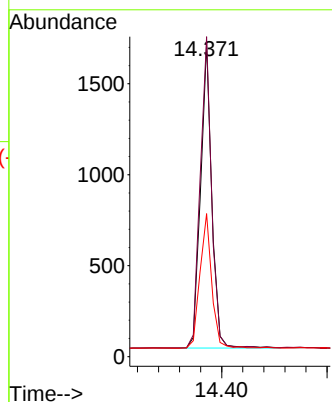
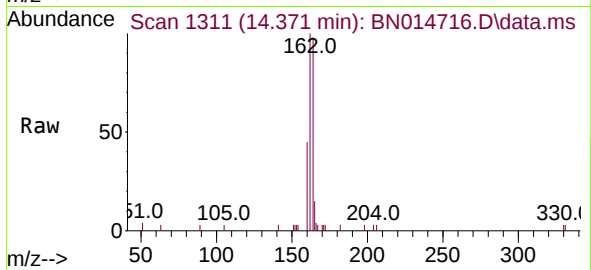




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

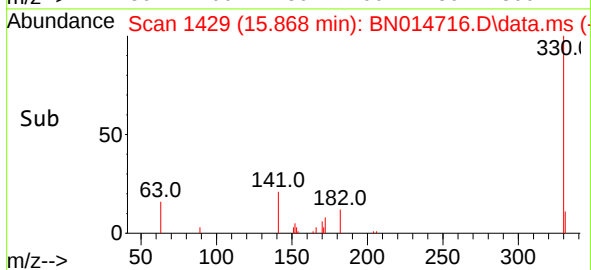
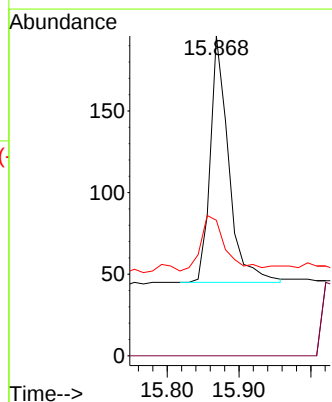
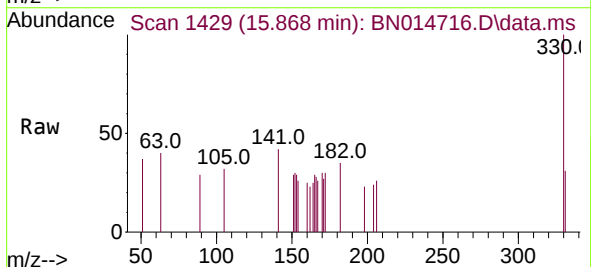
Instrument :
BNA_N
ClientSampleId :
TW-SB-2

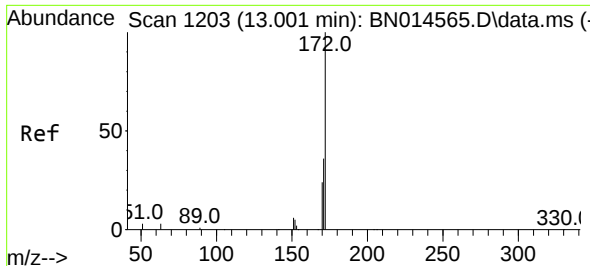
Tgt Ion:164 Resp: 2480
Ion Ratio Lower Upper
164 100
162 102.1 78.6 118.0
160 45.6 35.8 53.8



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.868 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:330 Resp: 269
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.1 27.0 40.4

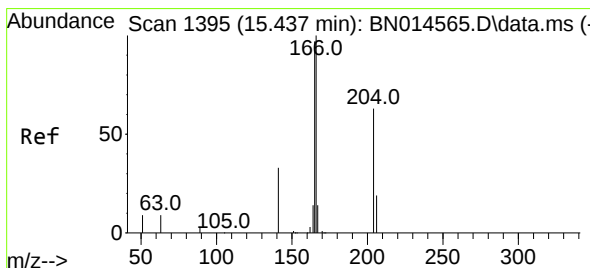
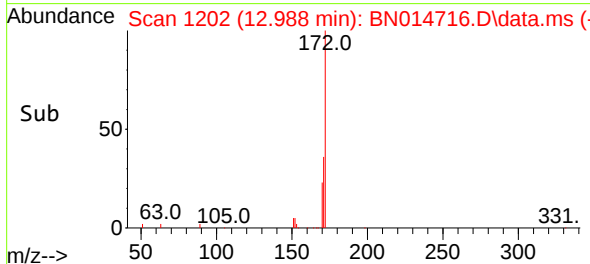
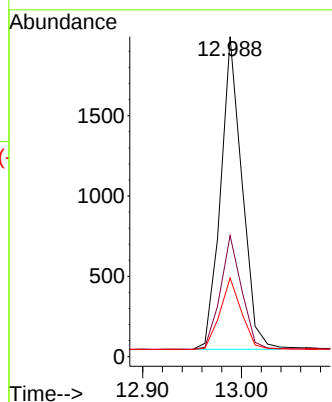
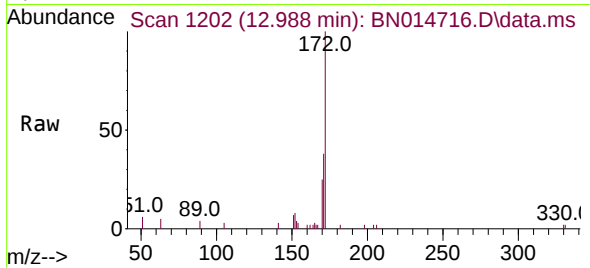




#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.988 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

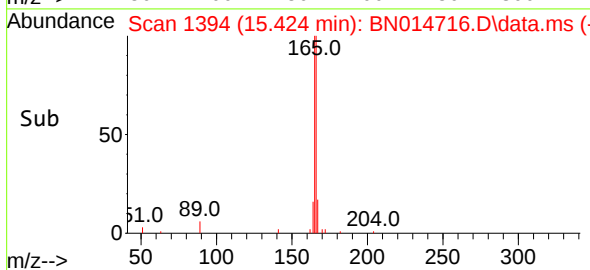
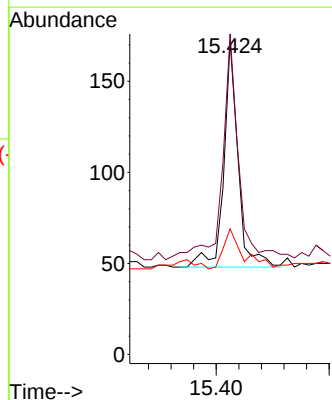
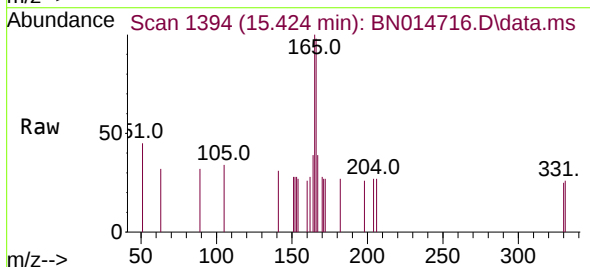
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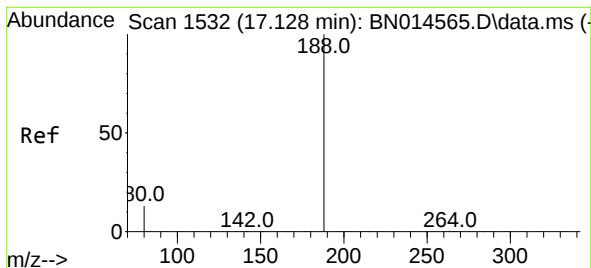
Tgt Ion:	172	Resp:	2937
Ion Ratio	Lower	Upper	
172	100		
171	37.9	27.1	40.7
170	24.6	18.3	27.5



#18
Fluorene
Concen: 0.02 ng
RT: 15.424 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:	166	Resp:	218
Ion Ratio	Lower	Upper	
166	100		
165	114.7	78.4	117.6
167	24.8	10.7	16.1

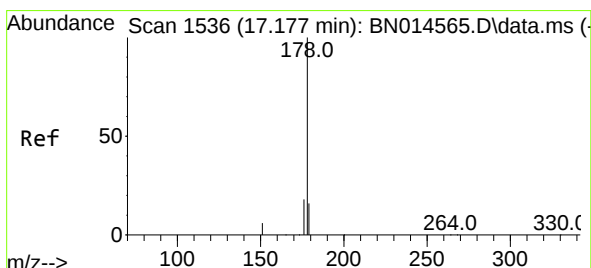
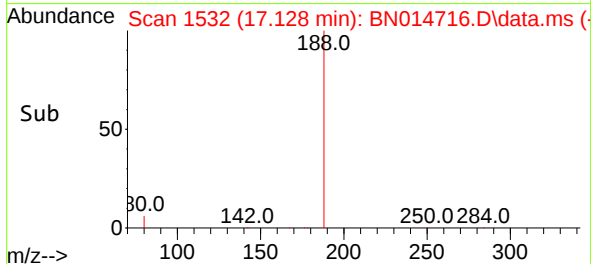
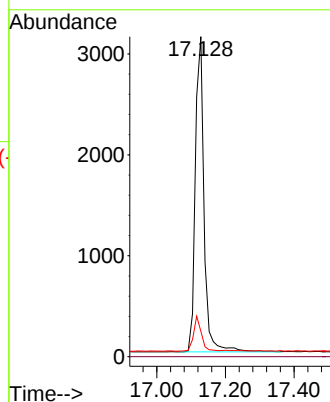
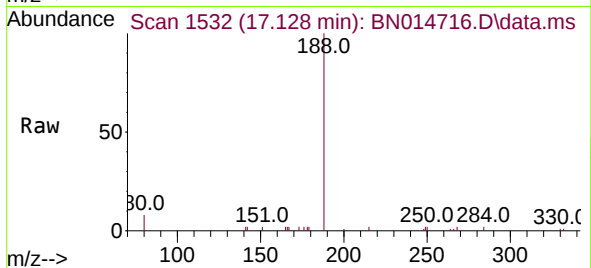




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.012 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

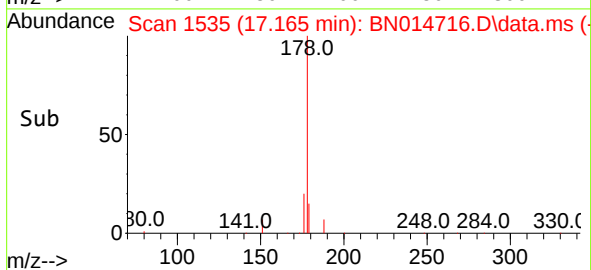
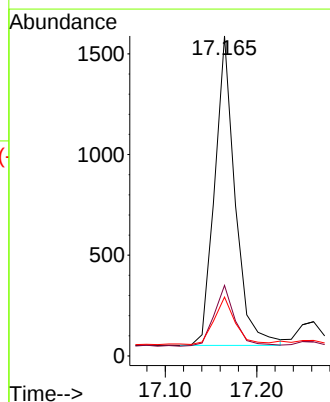
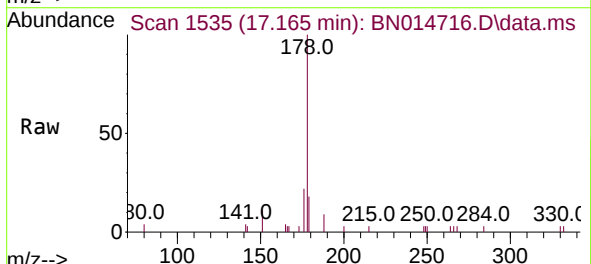
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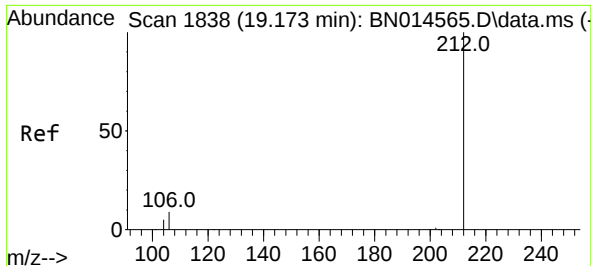
Tgt Ion:188 Resp: 5532
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 5.2 7.8#



#25
Phenanthrene
Concen: 0.16 ng
RT: 17.165 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:178 Resp: 2390
Ion Ratio Lower Upper
178 100
176 19.8 15.2 22.8
179 16.5 12.4 18.6

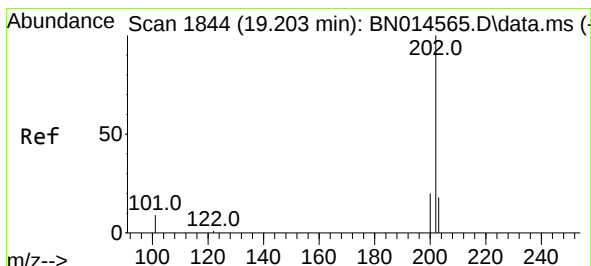
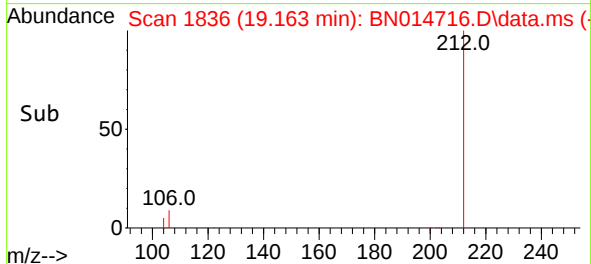
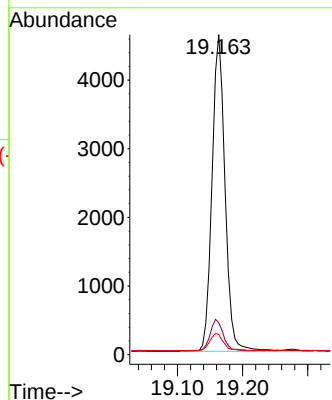
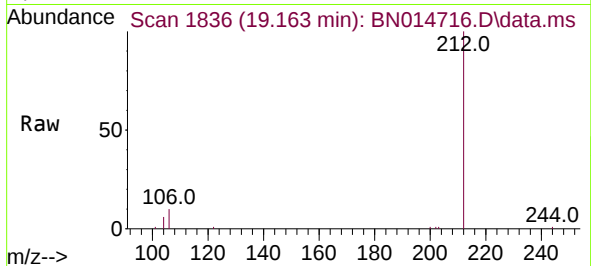




#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 19.163 min Scan# 1836
Delta R.T. 0.005 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

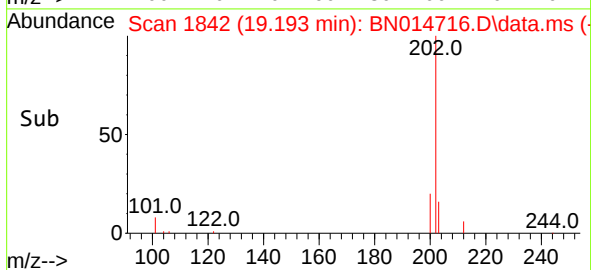
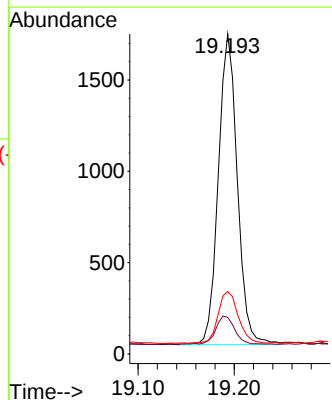
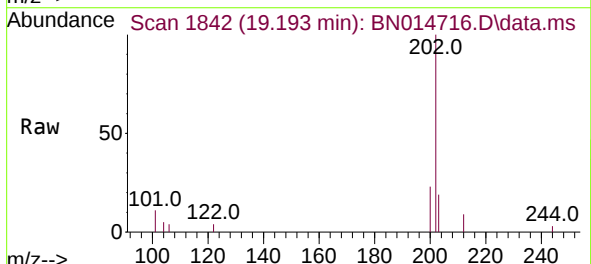
Instrument :
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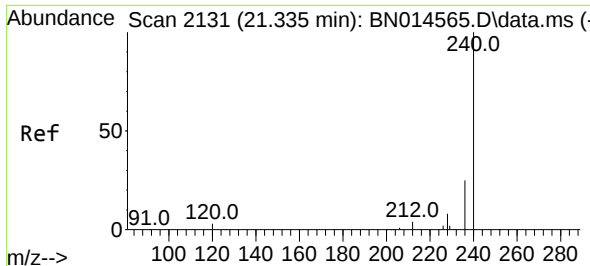
Tgt Ion:212 Resp: 6392
Ion Ratio Lower Upper
212 100
106 9.7 10.1 15.1#
104 6.1 5.4 8.2



#28
Fluoranthene
Concen: 0.12 ng
RT: 19.193 min Scan# 1842
Delta R.T. 0.005 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:202 Resp: 2338
Ion Ratio Lower Upper
202 100
101 9.0 8.4 12.6
203 18.2 13.5 20.3

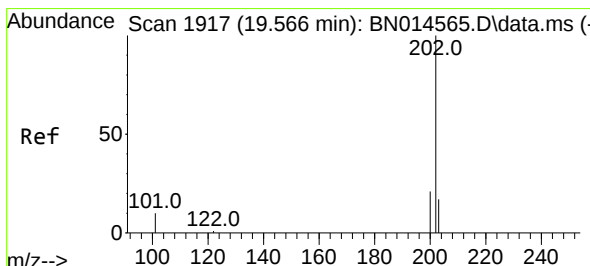
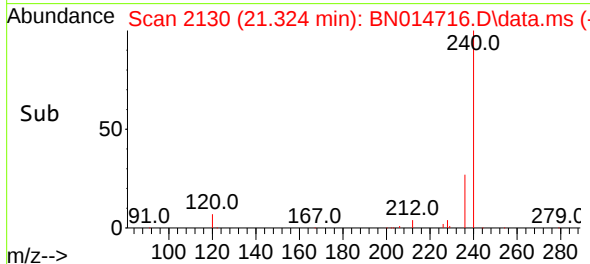
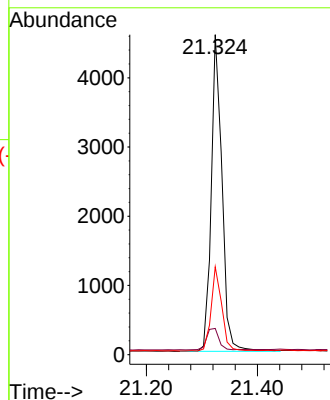
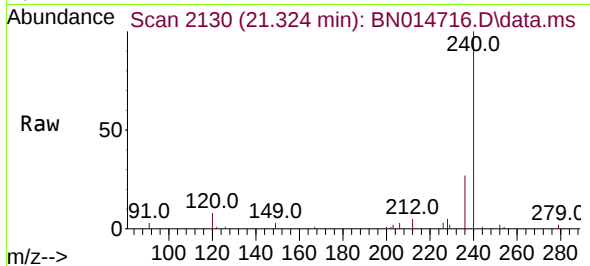




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.324 min Scan# 2130
Delta R.T. 0.010 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

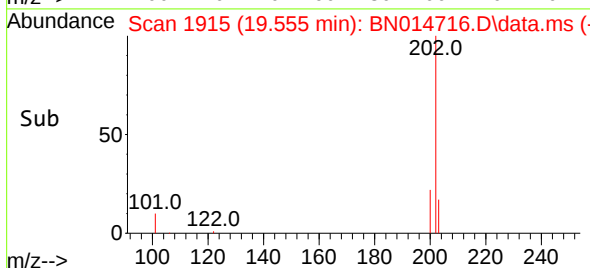
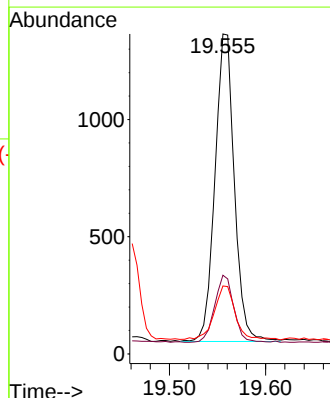
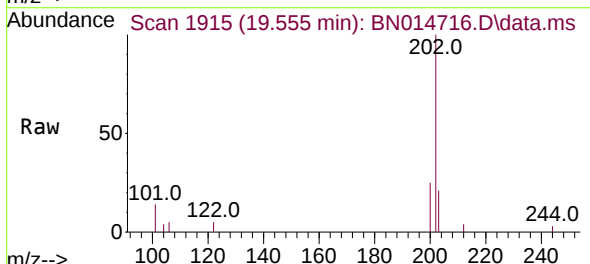
Instrument :
BNA_N
ClientSampleId :
TW-SB-2

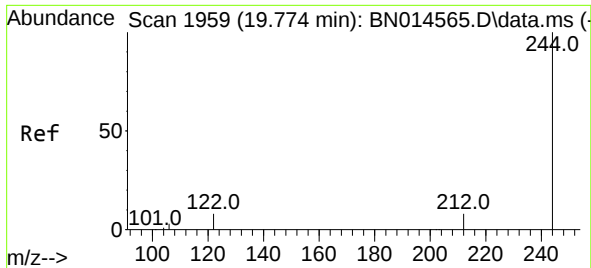
Tgt Ion:240 Resp: 6169
Ion Ratio Lower Upper
240 100
120 8.2 5.8 8.8
236 27.5 20.6 30.8



#30
Pyrene
Concen: 0.11 ng
RT: 19.555 min Scan# 1915
Delta R.T. 0.005 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:202 Resp: 1839
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 19.1 14.0 21.0

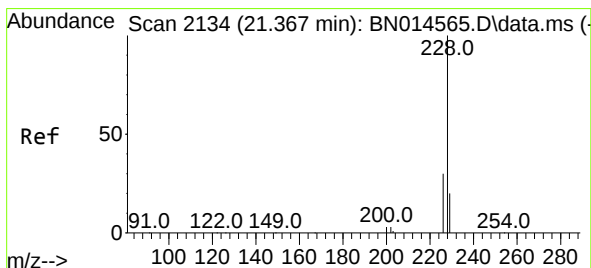
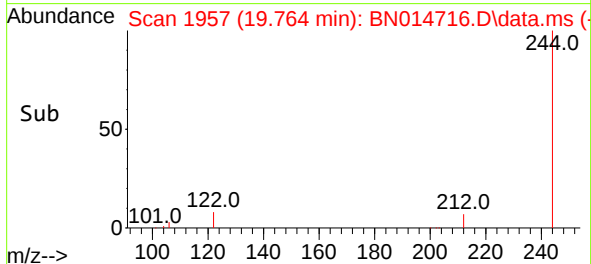
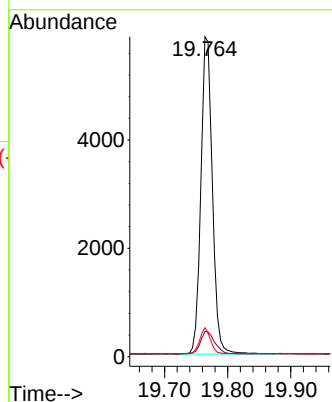
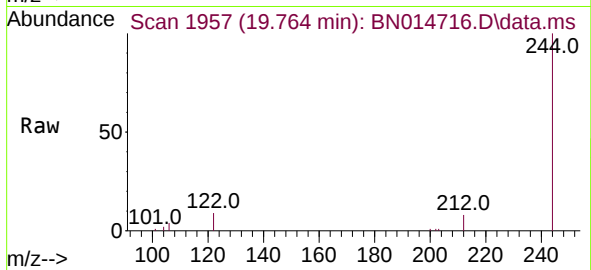




#31
Terphenyl-d14
Concen: 0.51 ng
RT: 19.764 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

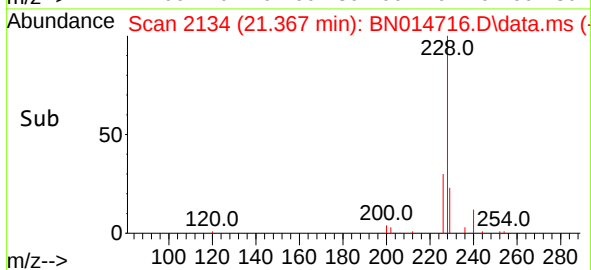
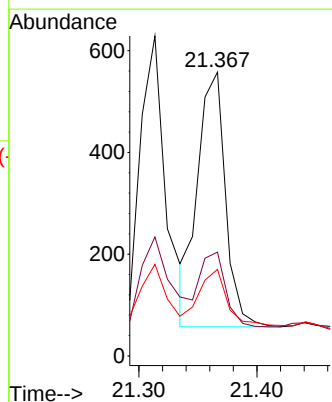
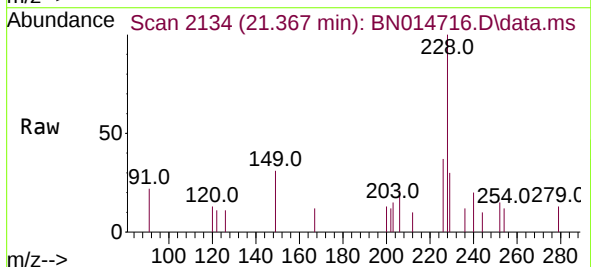
Instrument :
BNA_N
ClientSampleId :
TW-SB-2

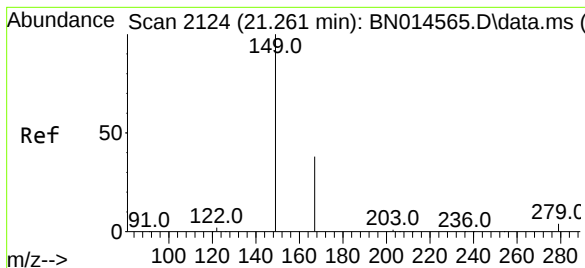
Tgt Ion:244 Resp: 7426
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 9.1 9.3 13.9#



#33
Chrysene
Concen: 0.04 ng
RT: 21.367 min Scan# 2134
Delta R.T. 0.010 min
Lab File: BN014716.D
Acq: 24 May 2021 15:00

Tgt Ion:228 Resp: 825
Ion Ratio Lower Upper
228 100
226 36.6 23.8 35.6#
229 30.5 15.6 23.4#

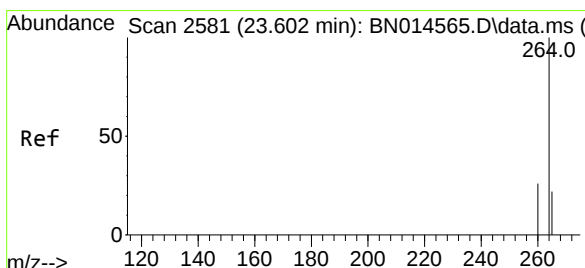
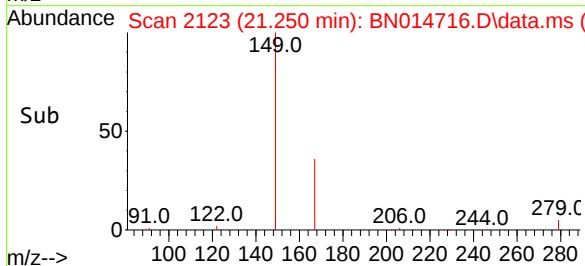
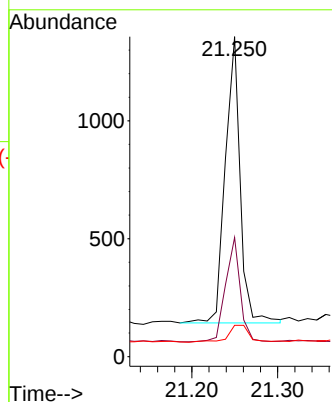
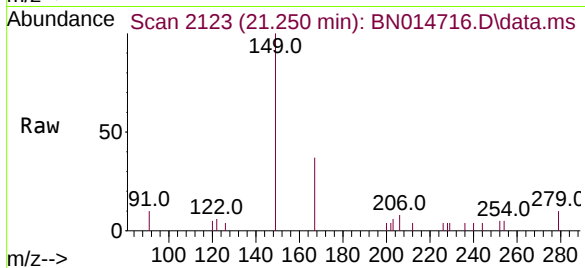




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.29 ng
 RT: 21.250 min Scan# 2123
 Delta R.T. 0.010 min
 Lab File: BN014716.D
 Acq: 24 May 2021 15:00

Instrument :
 BNA_N
 ClientSampleId :
 TW-SB-2

Tgt Ion:149 Resp: 1459
 Ion Ratio Lower Upper
 149 100
 167 35.7 20.5 30.7#
 279 8.4 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.599 min Scan# 2580
 Delta R.T. 0.013 min
 Lab File: BN014716.D
 Acq: 24 May 2021 15:00

Tgt Ion:264 Resp: 6134
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 35.1 35.4 53.0#

