

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
 Data File : BN013774.D
 Acq On : 25 Feb 2021 18:36
 Operator : CG/JU
 Sample : M1484-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW804-34-39-022421

Quant Time: Feb 25 23:13:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 25 11:31:11 2021
 Response via : Initial Calibration

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

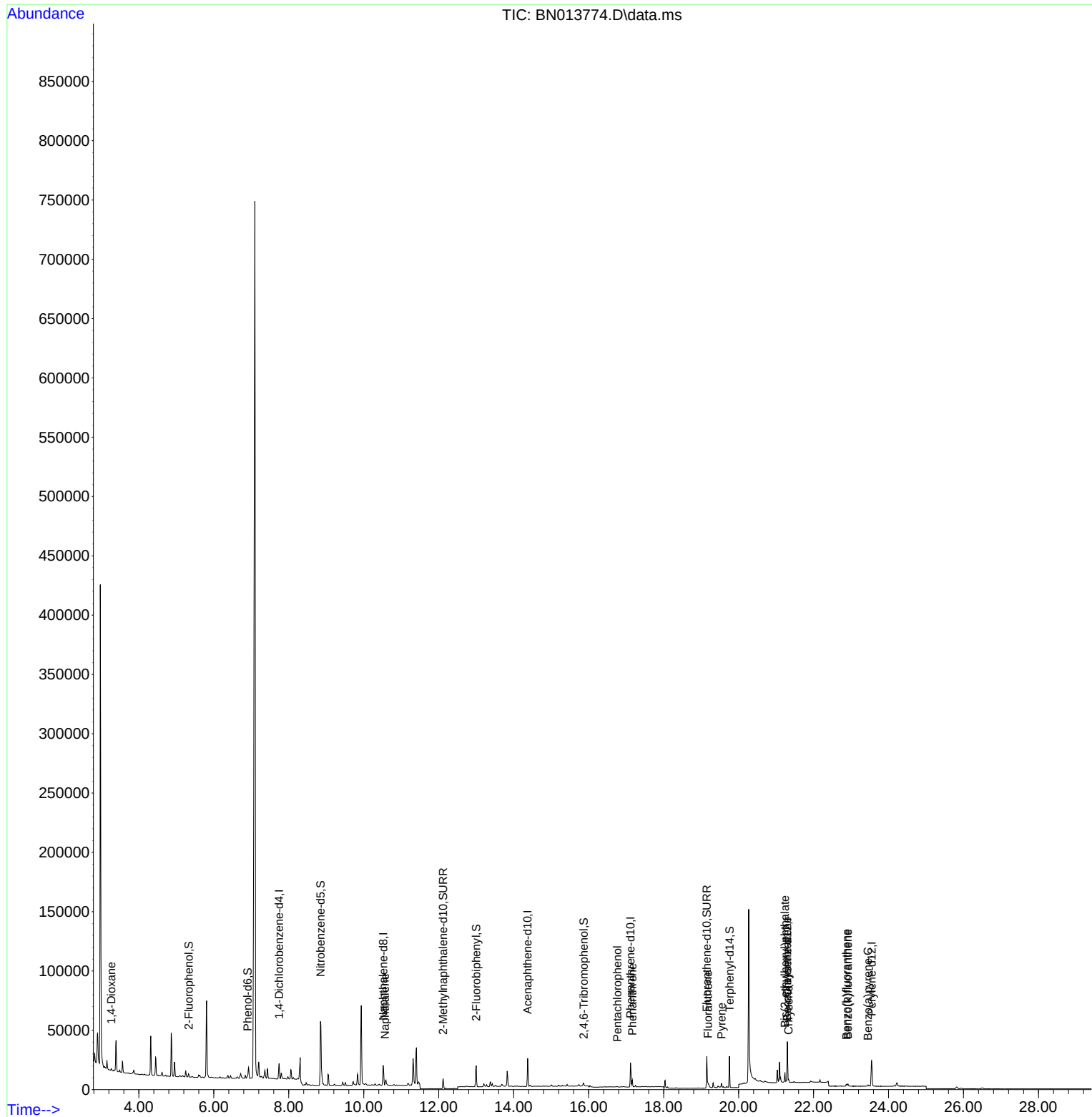
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	5556	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	22359	0.40	ng	#-0.01
13) Acenaphthene-d10	14.372	164	12893	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	27165	0.40	ng	-0.01
29) Chrysene-d12	21.300	240	28817	0.40	ng	0.00
36) Perylene-d12	23.548	264	27900	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.333	112	2101	0.14	ng	0.00
5) Phenol-d6	6.903	99	1640	0.08	ng	0.00
8) Nitrobenzene-d5	8.845	82	36963	2.57	ng	-0.04
11) 2-Methylnaphthalene-d10	12.115	152	10535	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	2074	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	15602	0.34	ng	0.00
27) Fluoranthene-d10	19.151	212	27689	0.35	ng	0.00
31) Terphenyl-d14	19.756	244	25732	0.40	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	1021	0.15	ng	# 7
9) Naphthalene	10.568	128	1626	0.03	ng	# 79
24) Pentachlorophenol	16.763	266	258	0.05	ng	91
25) Phenanthrene	17.164	178	6279	0.09	ng	98
28) Fluoranthene	19.181	202	2823	0.03	ng	# 24
30) Pyrene	19.543	202	2923	0.03	ng	96
32) Benzo(a)anthracene	21.290	228	2145	0.02	ng	# 87
33) Chrysene	21.332	228	2156	0.02	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.237	149	7685	0.18	ng	99
37) Benzo(b)fluoranthene	22.874	252	1981	0.02	ng	# 44
38) Benzo(k)fluoranthene	22.918	252	2002	0.02	ng	# 26
39) Benzo(a)pyrene	23.449	252	1632	0.02	ng	# 36

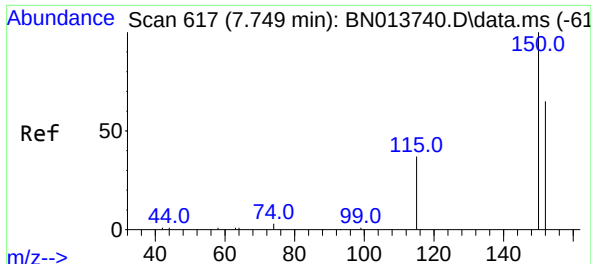
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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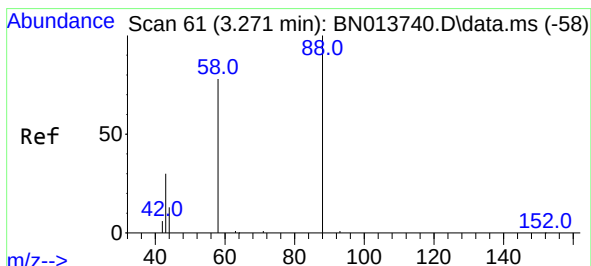
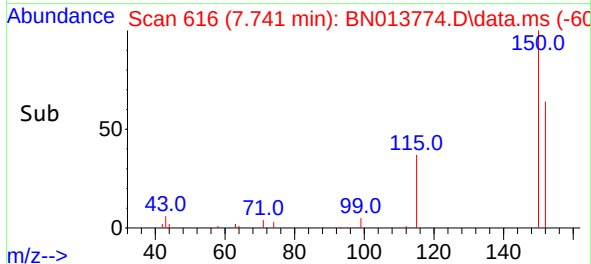
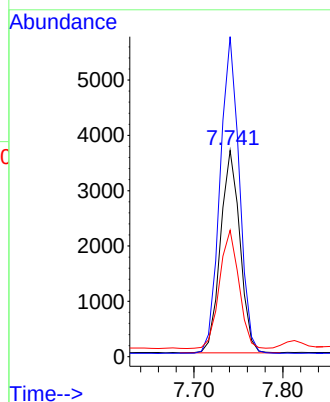
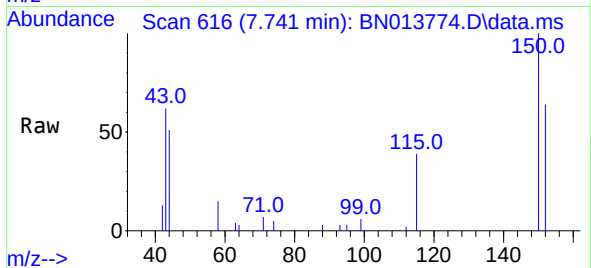




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

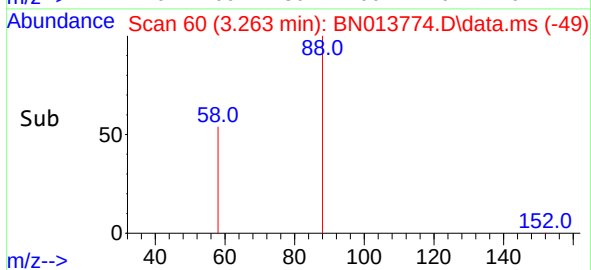
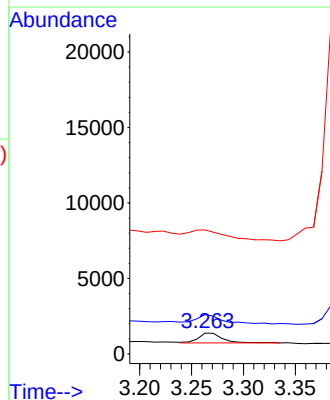
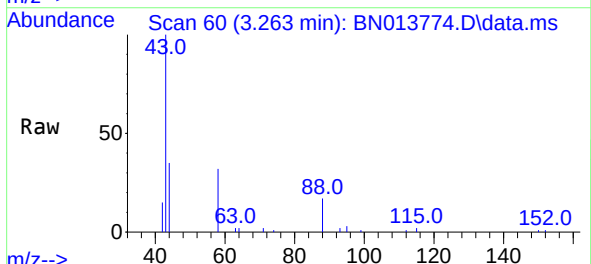
Instrument :
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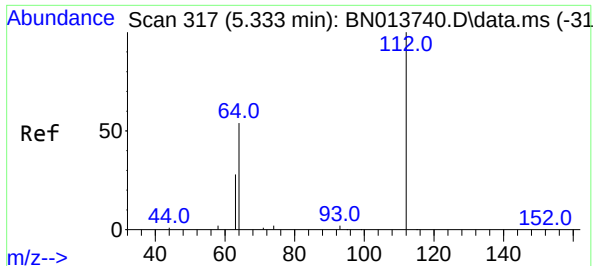
Tgt Ion:152 Resp: 5556
Ion Ratio Lower Upper
152 100
150 155.1 121.8 182.8
115 61.2 46.6 69.8



#2
1,4-Dioxane
Concen: 0.15 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion: 88 Resp: 1021
Ion Ratio Lower Upper
88 100
58 103.4 64.6 96.8#
43 178.5 26.6 40.0#



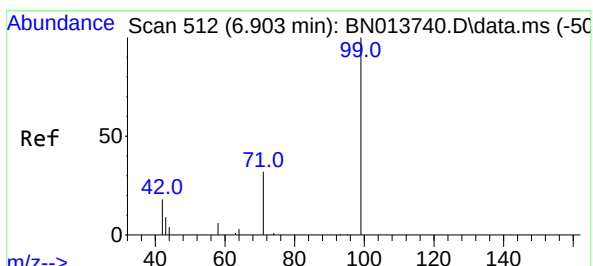
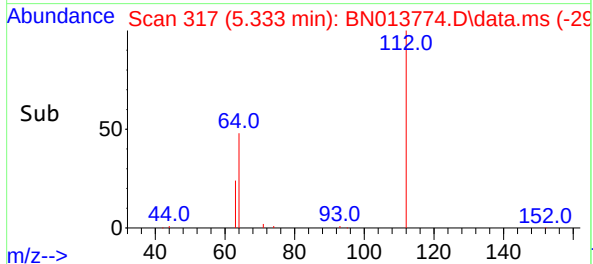
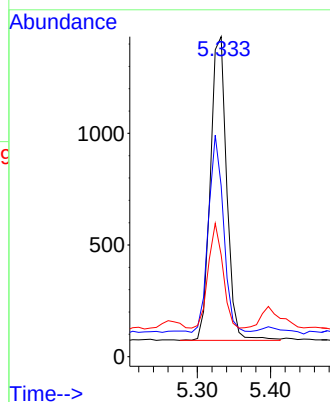
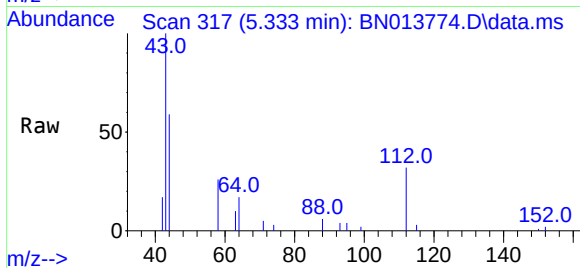


#4
2-Fluorophenol
Concen: 0.14 ng
RT: 5.333 min Scan# 317
Delta R.T. 0.008 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Instrument :
BNA_N
ClientSampleId :
GW804-34-39-022421

Tgt Ion: 112 Resp: 2101

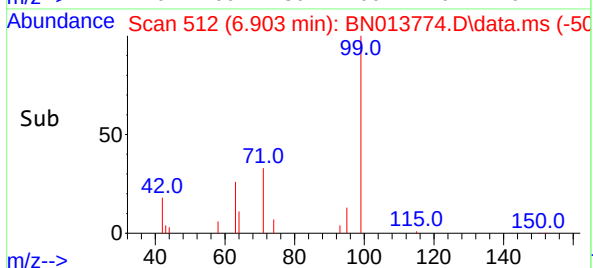
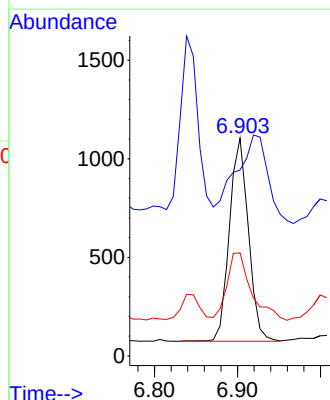
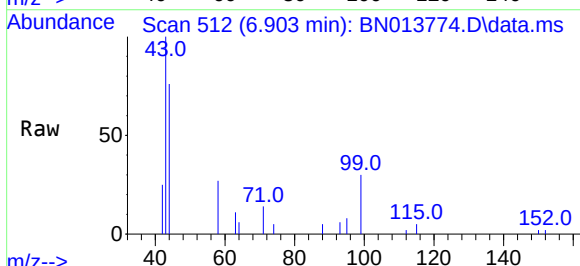
Ion	Ratio	Lower	Upper
112	100		
64	60.4	44.3	66.5
63	31.3	23.0	34.6

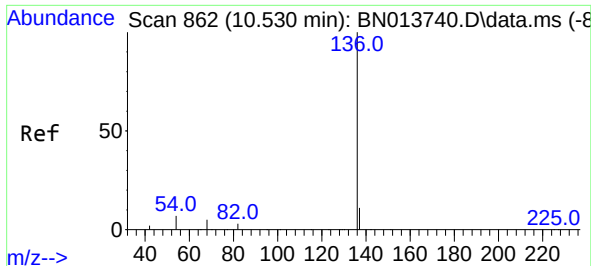


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion: 99 Resp: 1640

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	42.1	26.1	39.1#

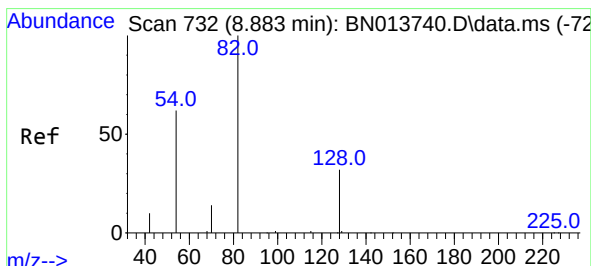
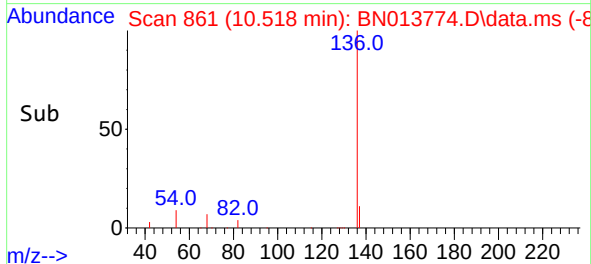
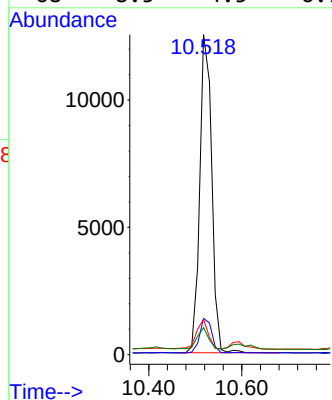
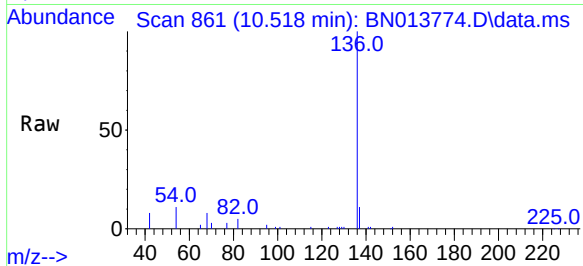




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

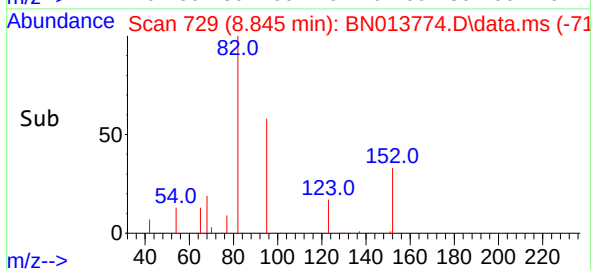
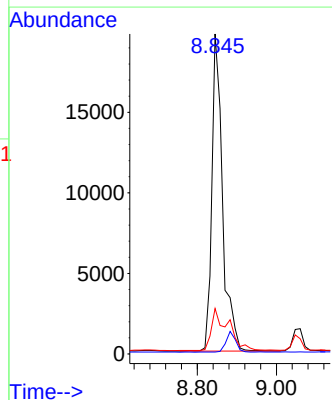
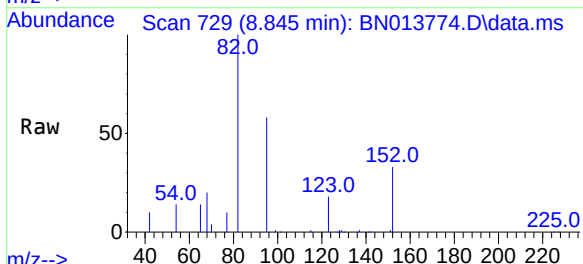
Instrument :
BNA_N
ClientSampleId :
GW804-34-39-022421

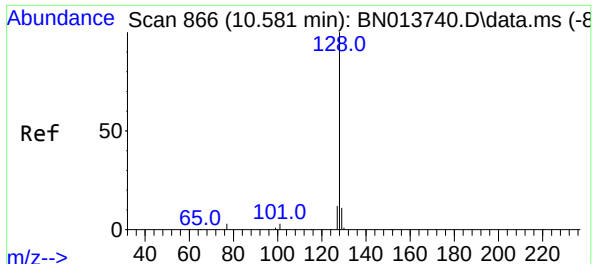
Tgt Ion:	136	Resp:	22359
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	11.1	6.4	9.6#
68	8.5	4.5	6.7#



#8
Nitrobenzene-d5
Concen: 2.57 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.038 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:	82	Resp:	36963
Ion Ratio	Lower	Upper	
82	100		
128	0.6	39.2	58.8#
54	14.2	40.1	60.1#

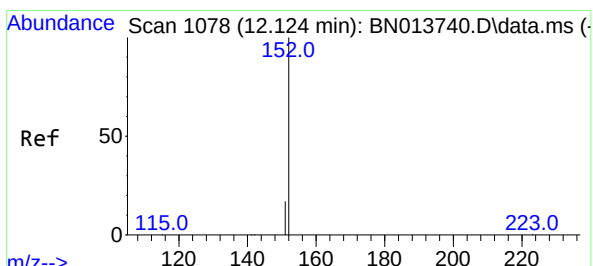
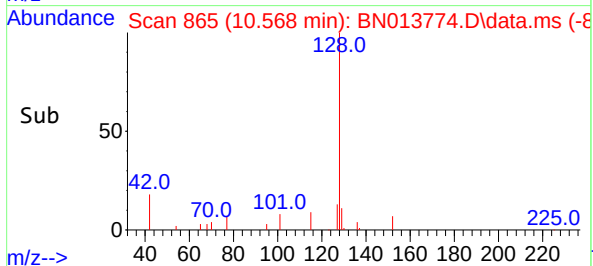
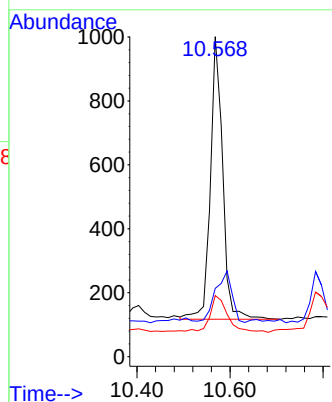
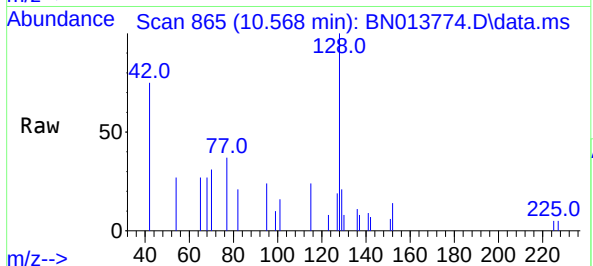




#9
Naphthalene
Concen: 0.03 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

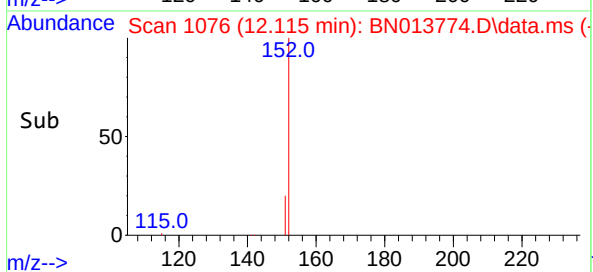
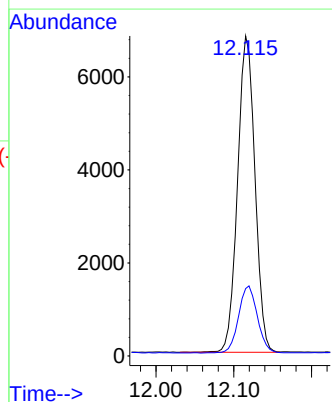
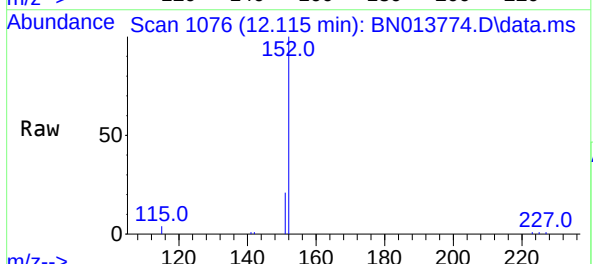
Instrument :
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ClientSampleId :
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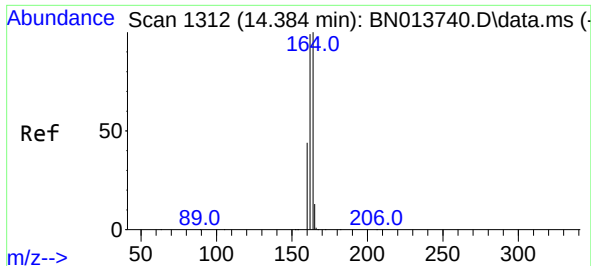
Tgt Ion:128 Resp: 1626
Ion Ratio Lower Upper
128 100
129 21.4 9.0 13.4#
127 19.1 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.29 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.005 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:152 Resp: 10535
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2

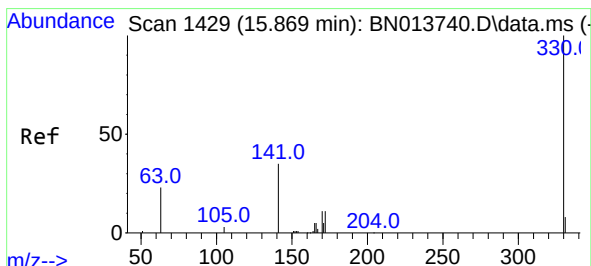
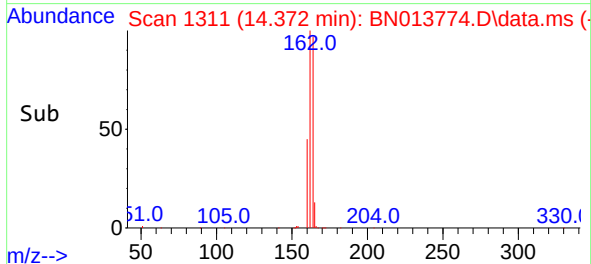
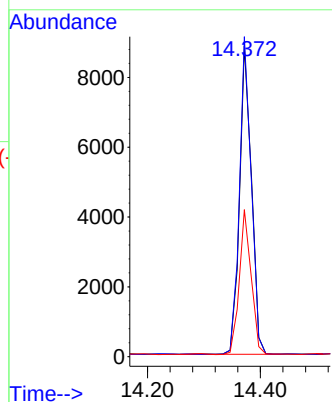
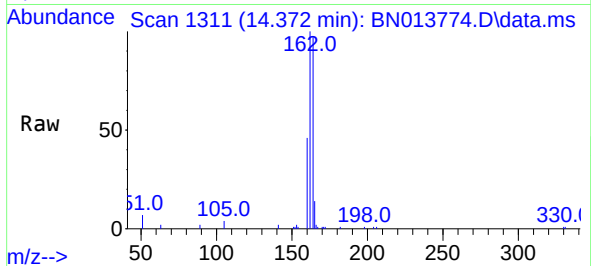




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

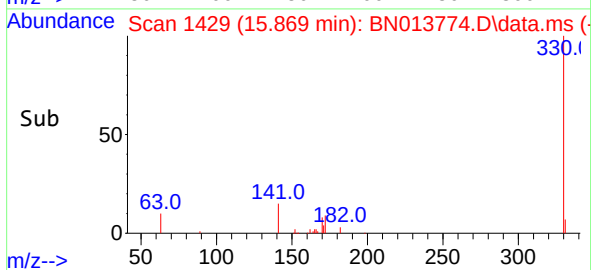
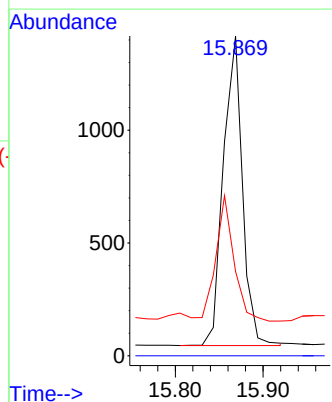
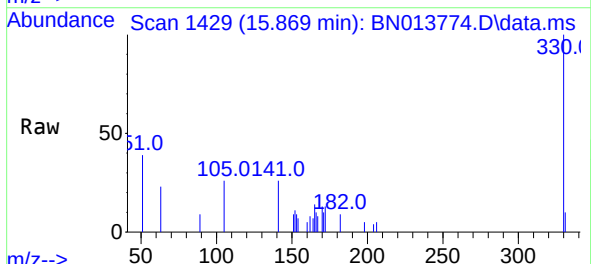
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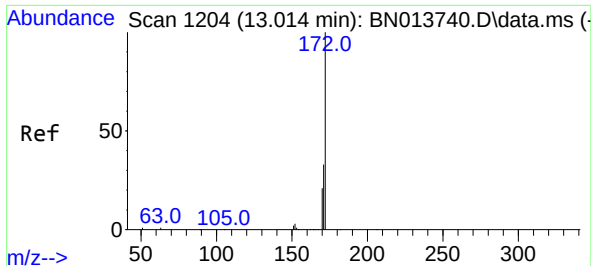
Tgt Ion:164 Resp: 12893
Ion Ratio Lower Upper
164 100
162 103.1 79.6 119.4
160 47.4 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:330 Resp: 2074
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.6 26.8 40.2

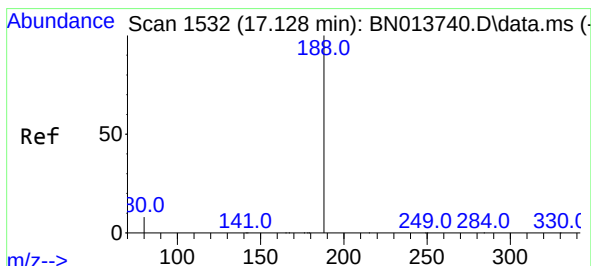
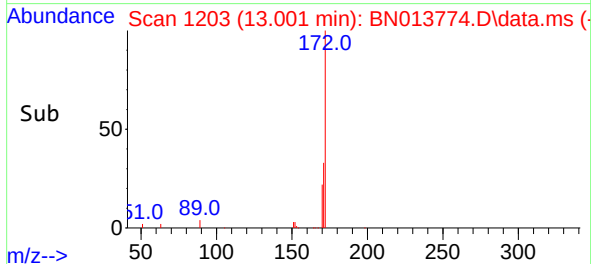
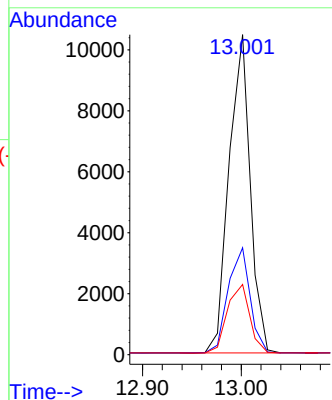
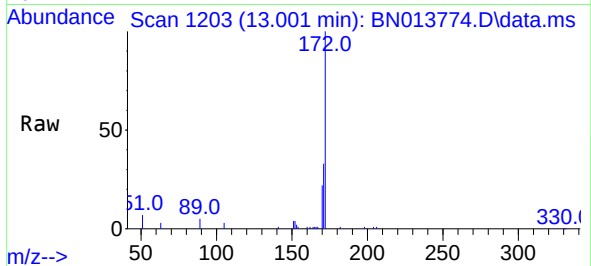




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

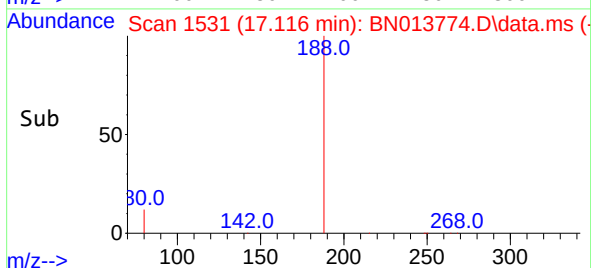
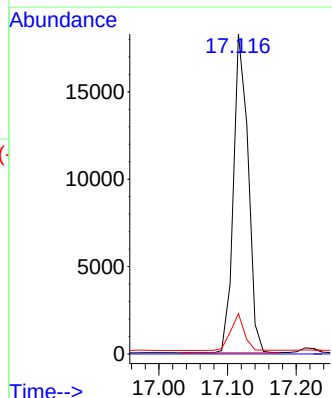
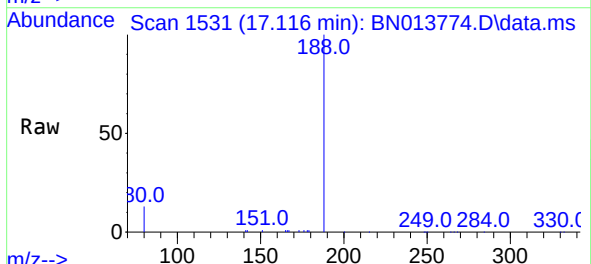
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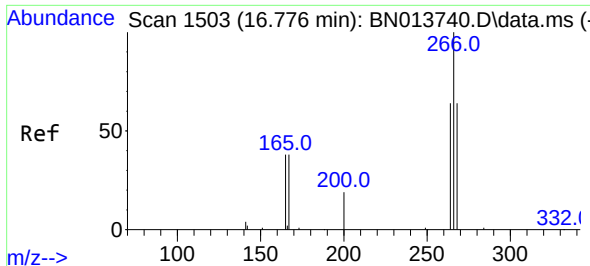
Tgt Ion:172	Resp:	15602
Ion Ratio	Lower	Upper
172	100	
171	33.4	28.6 42.8
170	21.9	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:188	Resp:	27165
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.6	9.0 13.6

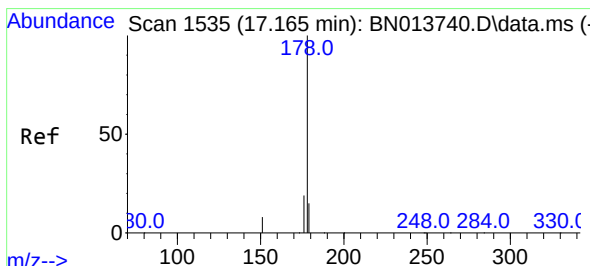
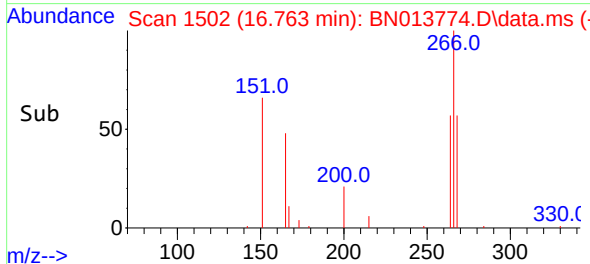
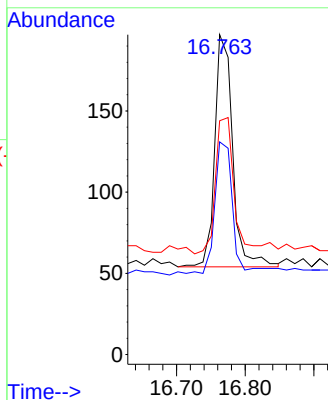
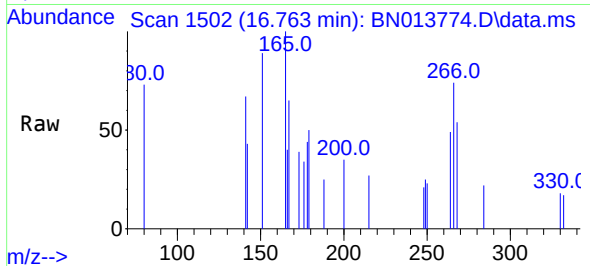




#24
Pentachlorophenol
Concen: 0.05 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

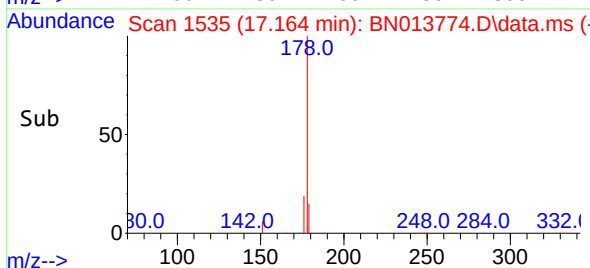
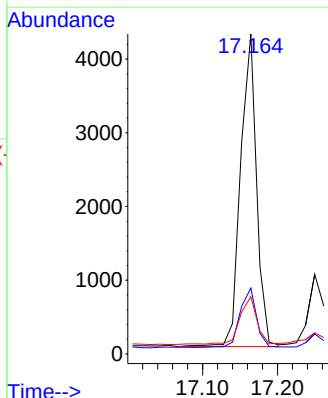
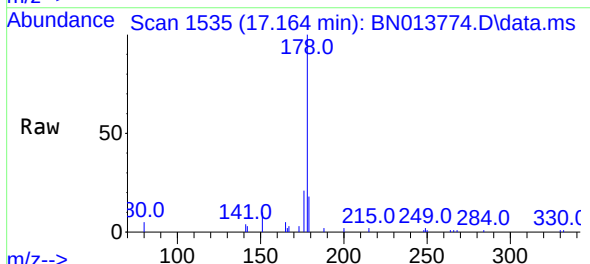
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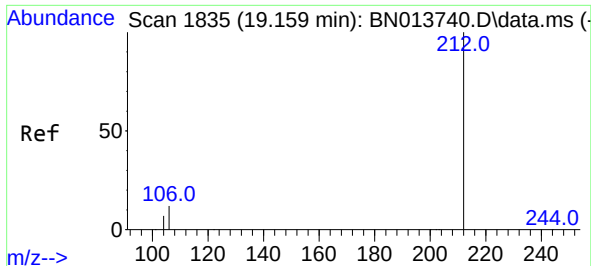
Tgt Ion:	266	Resp:	258
Ion	Ratio	Lower	Upper
266	100		
264	57.4	51.6	77.4
268	60.9	54.6	82.0



#25
Phenanthrene
Concen: 0.09 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:	178	Resp:	6279
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	16.5	12.3	18.5

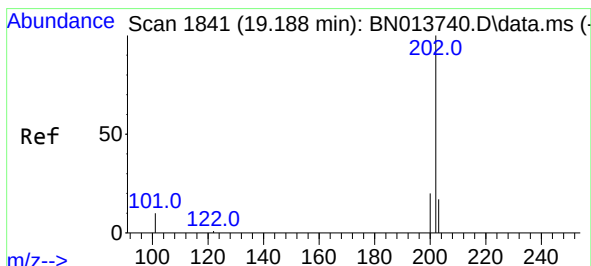
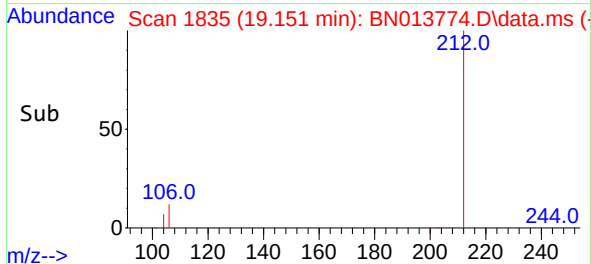
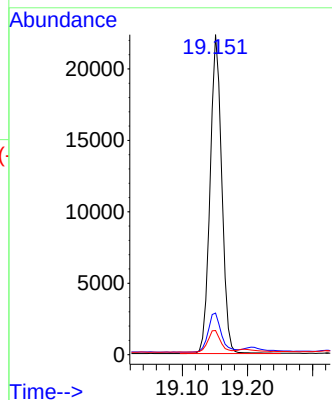
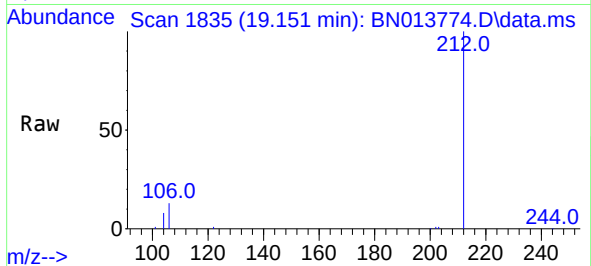




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

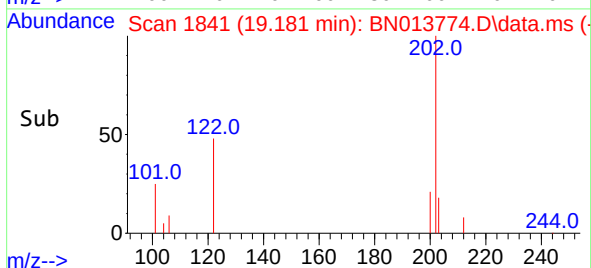
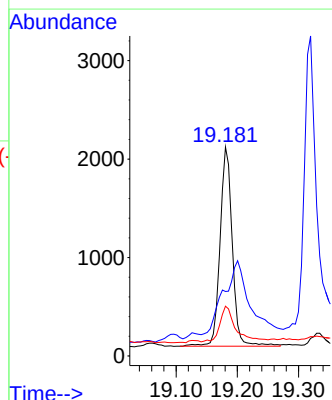
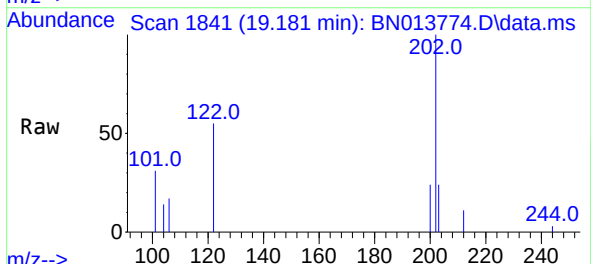
Instrument :
BNA_N
ClientSampleId :
GW804-34-39-022421

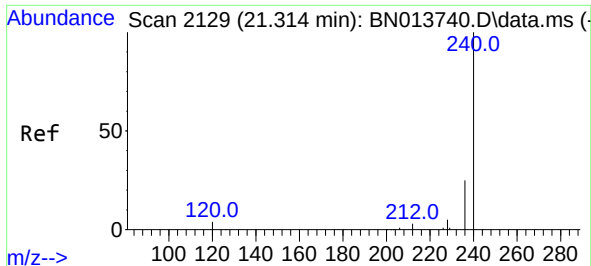
Tgt Ion:212 Resp: 27689
Ion Ratio Lower Upper
212 100
106 13.8 9.7 14.5
104 7.3 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.181 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:202 Resp: 2823
Ion Ratio Lower Upper
202 100
101 78.6 8.1 12.1#
203 23.0 13.9 20.9#

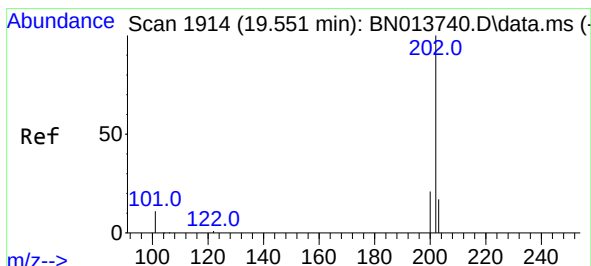
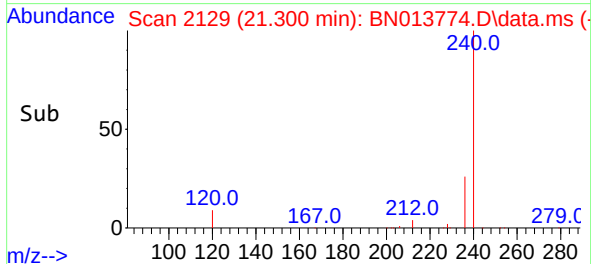
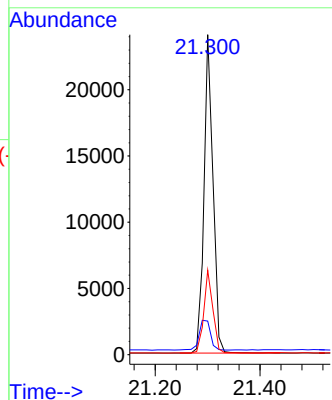
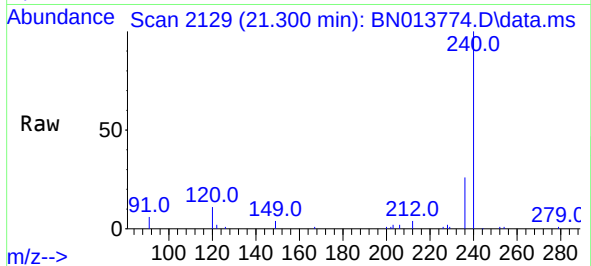




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

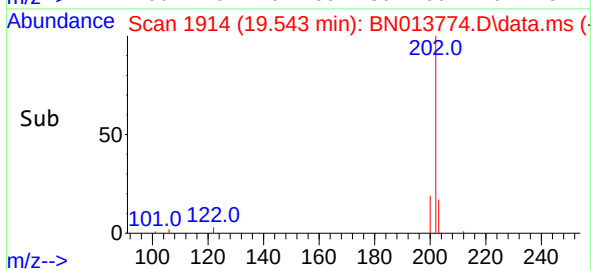
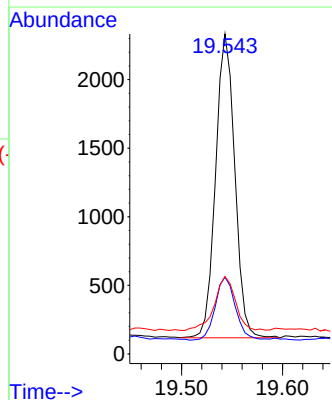
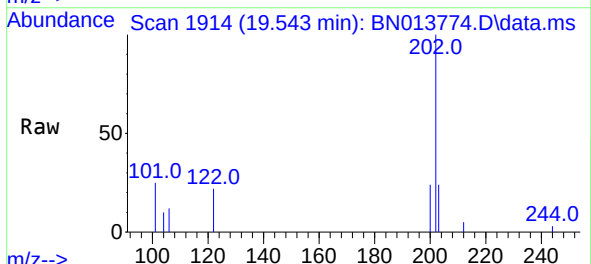
Instrument :
BNA_N
ClientSampleId :
GW804-34-39-022421

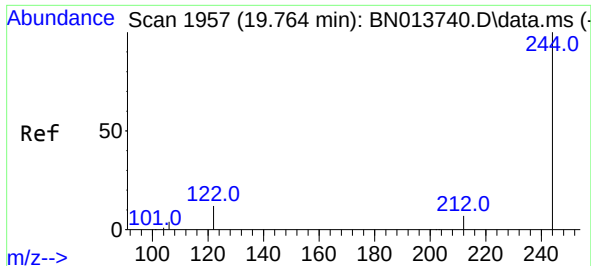
Tgt Ion:	240	Resp:	28817
Ion Ratio	Lower	Upper	
240	100		
120	10.5	10.2	15.4
236	26.4	21.3	31.9



#30
Pyrene
Concen: 0.03 ng
RT: 19.543 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:	202	Resp:	2923
Ion Ratio	Lower	Upper	
202	100		
200	22.1	16.3	24.5
203	19.3	14.0	21.0

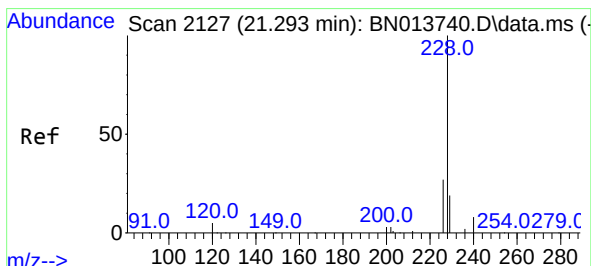
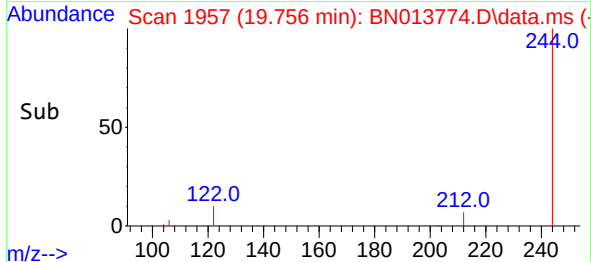
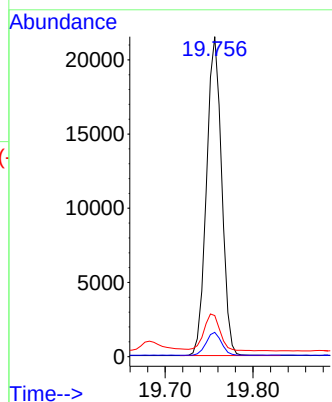
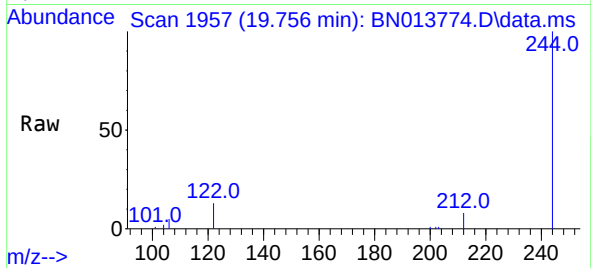




#31
 Terphenyl-d14
 Concen: 0.40 ng
 RT: 19.756 min Scan# 1957
 Delta R.T. -0.005 min
 Lab File: BN013774.D
 Acq: 25 Feb 2021 18:36

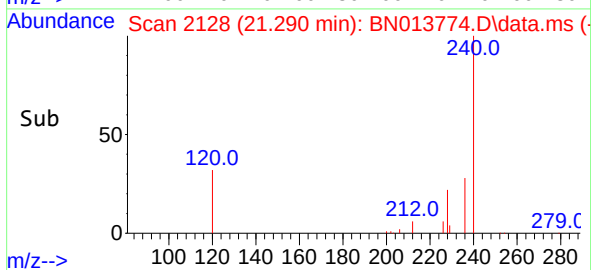
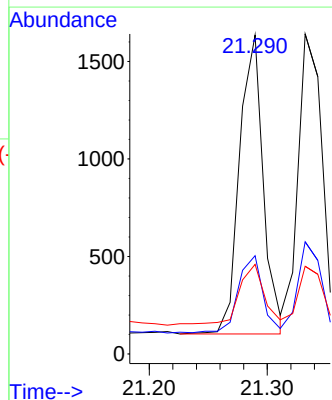
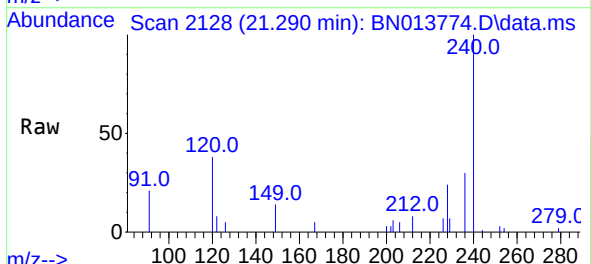
Instrument :
 BNA_N
 ClientSampleId :
 GW804-34-39-022421

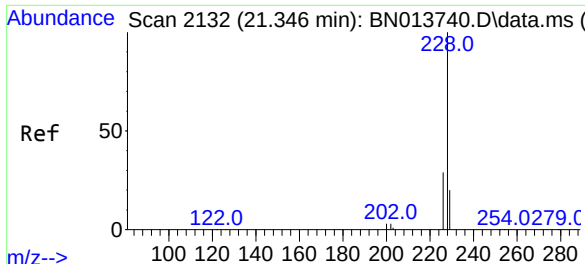
Tgt Ion:244	Resp:	25732
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.1 9.1
122	12.8	9.8 14.8



#32
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.290 min Scan# 2128
 Delta R.T. -0.000 min
 Lab File: BN013774.D
 Acq: 25 Feb 2021 18:36

Tgt Ion:228	Resp:	2145
Ion Ratio	Lower	Upper
228	100	
226	30.8	20.5 30.7#
229	28.1	16.2 24.4#

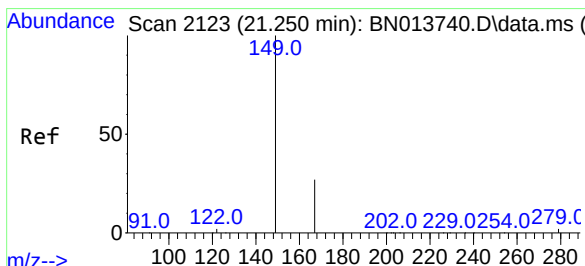
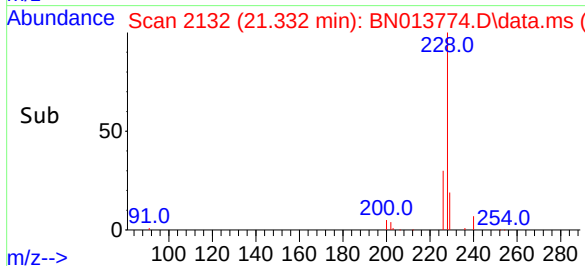
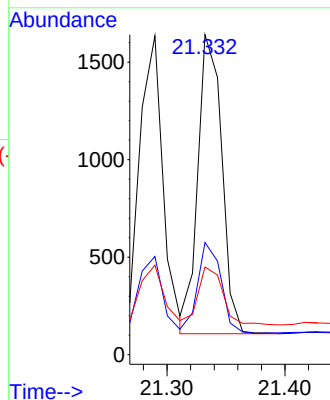
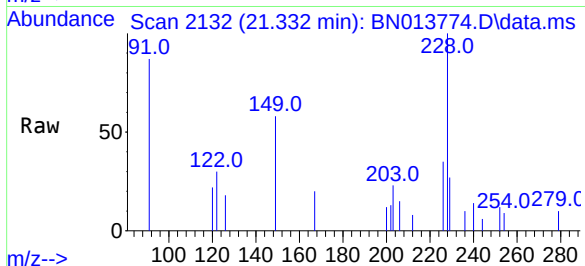




#33
Chrysene
Concen: 0.02 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

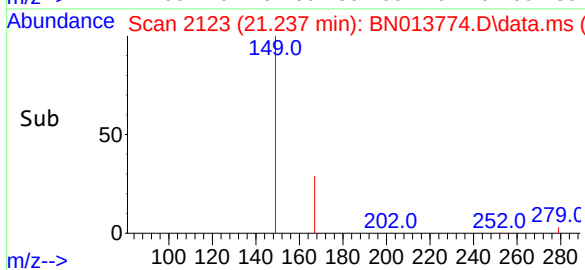
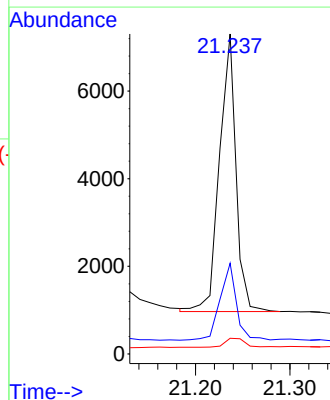
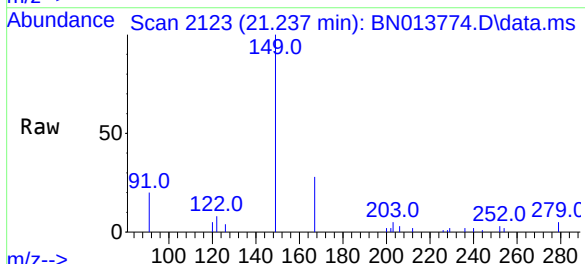
Instrument :
BNA_N
ClientSampleId :
GW804-34-39-022421

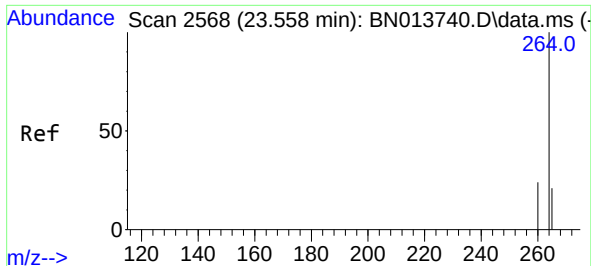
Tgt Ion:228 Resp: 2156
Ion Ratio Lower Upper
228 100
226 35.0 24.3 36.5
229 27.4 15.1 22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

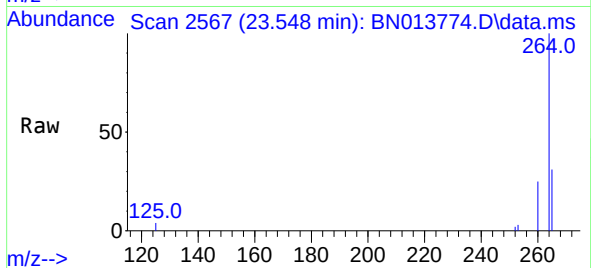
Tgt Ion:149 Resp: 7685
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.2 3.5 5.3



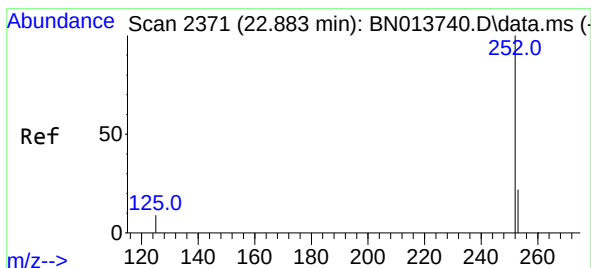
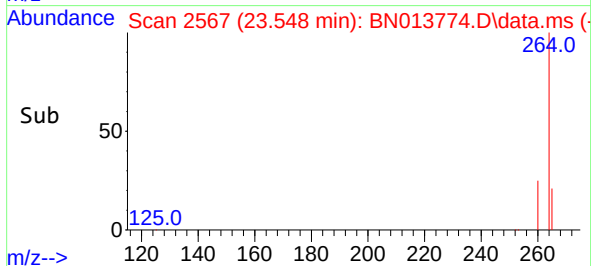
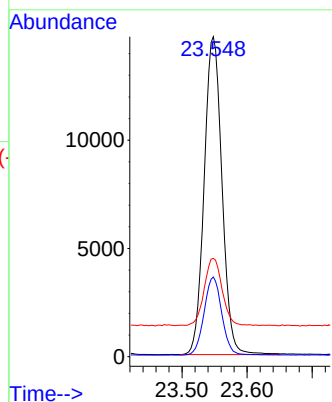


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.548 min Scan# 2567
Delta R.T. -0.003 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Instrument :
BNA_N
ClientSampleId :
GW804-34-39-022421

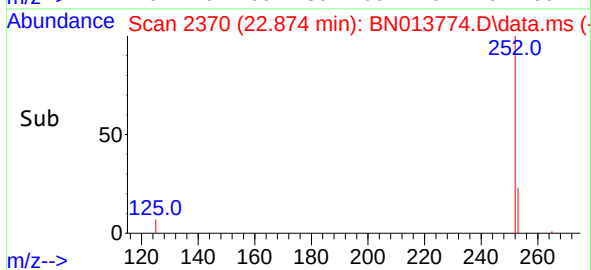
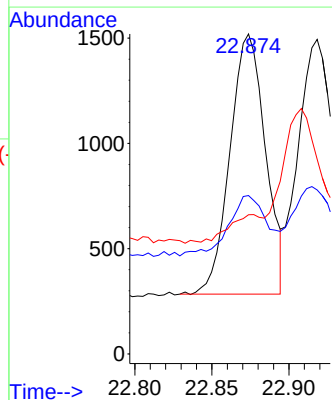
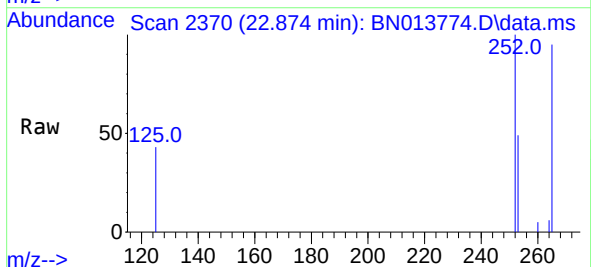


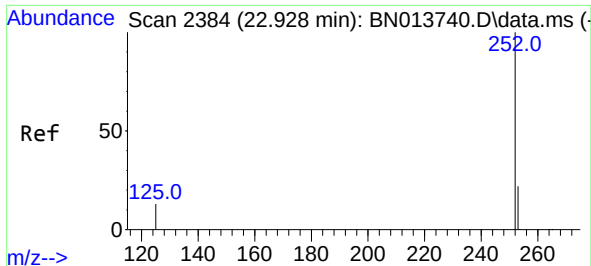
Tgt Ion:264 Resp: 27900
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 30.7 66.2 99.4#



#37
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.874 min Scan# 2370
Delta R.T. -0.003 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:252 Resp: 1981
Ion Ratio Lower Upper
252 100
253 49.5 20.4 30.6#
125 43.5 11.6 17.4#

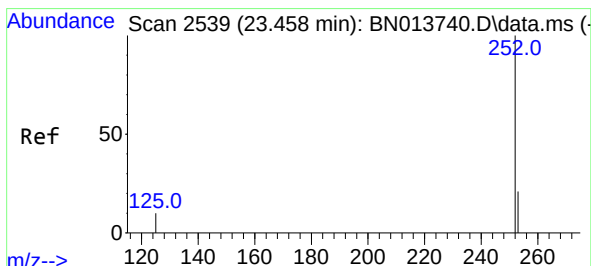
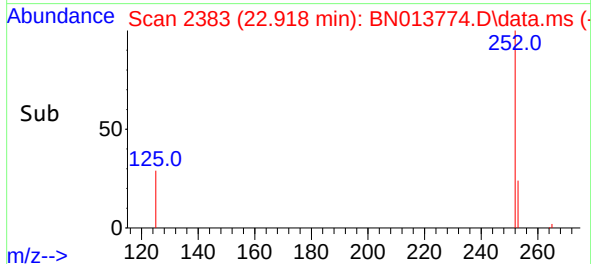
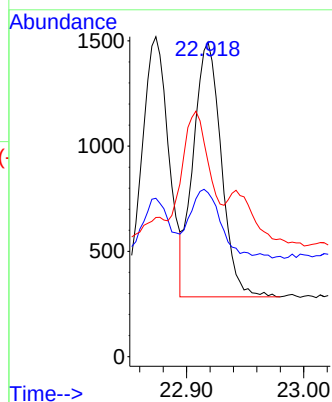
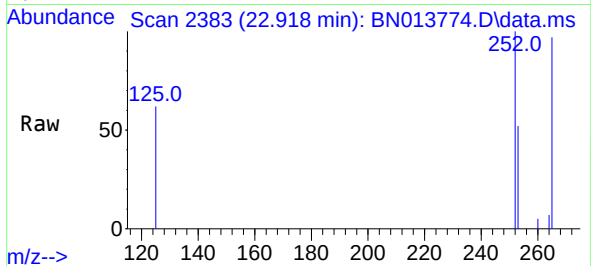




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.918 min Scan# 2383
Delta R.T. -0.003 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Instrument :
BNA_N
ClientSampleId :
GW804-34-39-022421

Tgt Ion:252 Resp: 2002
Ion Ratio Lower Upper
252 100
253 52.1 20.5 30.7#
125 61.9 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.449 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BN013774.D
Acq: 25 Feb 2021 18:36

Tgt Ion:252 Resp: 1632
Ion Ratio Lower Upper
252 100
253 56.7 21.8 32.6#
125 51.5 14.6 21.8#

