

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022621\
 Data File : BN013785.D
 Acq On : 26 Feb 2021 16:10
 Operator : CG/JU
 Sample : M1504-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-022521

Quant Time: Feb 26 16:57:52 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)

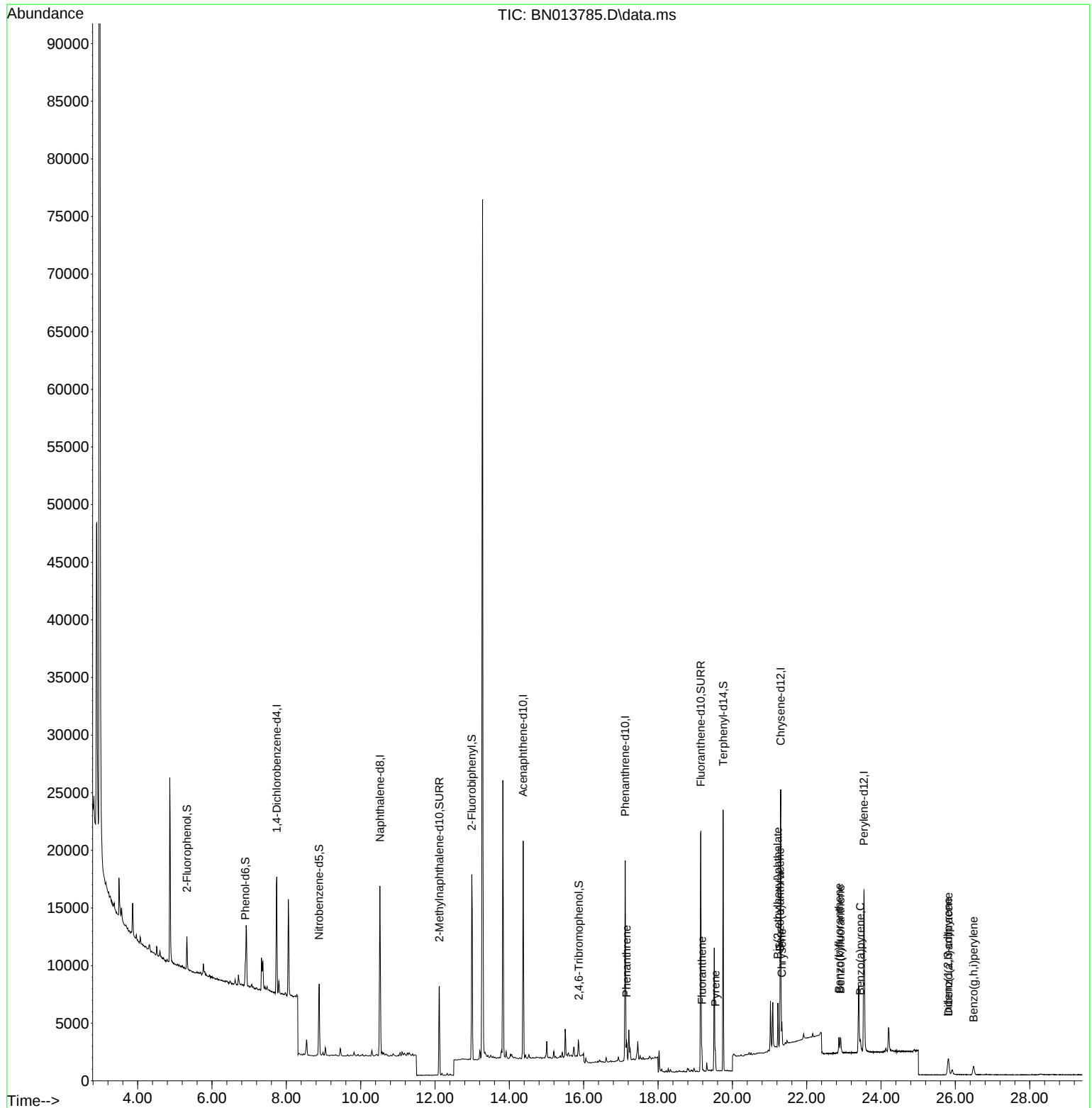
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	4751	0.40	ng	0.00
7) Naphthalene-d8	10.517	136	18479	0.40	ng	#-0.01
13) Acenaphthene-d10	14.371	164	10076	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	21812	0.40	ng	-0.01
29) Chrysene-d12	21.300	240	21055	0.40	ng	# 0.00
36) Perylene-d12	23.541	264	19013	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	1927	0.15	ng	0.00
5) Phenol-d6	6.895	99	1507	0.09	ng	0.00
8) Nitrobenzene-d5	8.883	82	4781	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.115	152	10013	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	1015	0.25	ng	0.00
15) 2-Fluorobiphenyl	12.989	172	14545	0.41	ng	-0.01
27) Fluoranthene-d10	19.151	212	23849	0.37	ng	0.00
31) Terphenyl-d14	19.751	244	20725	0.45	ng	-0.01
Target Compounds						Qvalue
25) Phenanthrene	17.152	178	1952	0.03	ng	# 94
28) Fluoranthene	19.181	202	1632	0.02	ng	99
30) Pyrene	19.543	202	1555	0.02	ng	# 95
32) Benzo(a)anthracene	21.279	228	1536	0.02	ng	92
33) Chrysene	21.332	228	1554	0.02	ng	93
34) Bis(2-ethylhexyl)phtha...	21.226	149	3249	0.11	ng	100
35) Indeno(1,2,3-cd)pyrene	25.800	276	1734	0.02	ng	98
37) Benzo(b)fluoranthene	22.867	252	1666	0.03	ng	# 54
38) Benzo(k)fluoranthene	22.911	252	1641	0.03	ng	# 46
39) Benzo(a)pyrene	23.442	252	1417	0.03	ng	# 36
40) Dibenzo(a,h)anthracene	25.817	278	1421	0.02	ng	# 58
41) Benzo(g,h,i)perylene	26.488	276	1545	0.03	ng	# 73

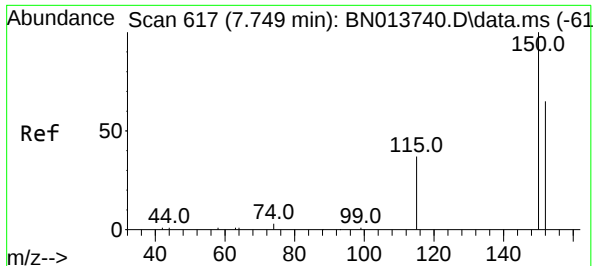
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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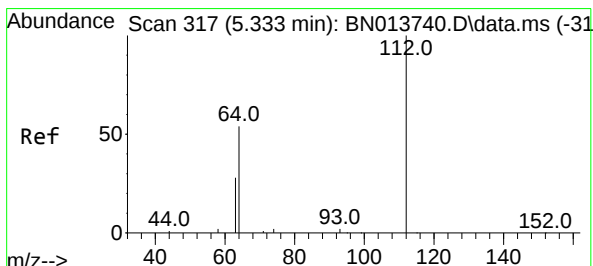
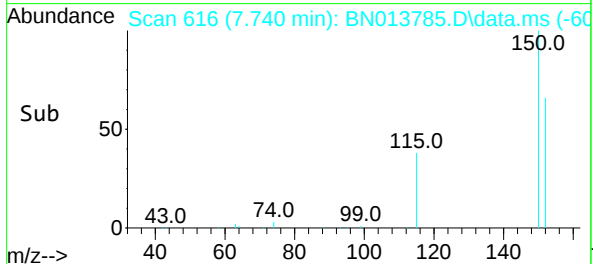
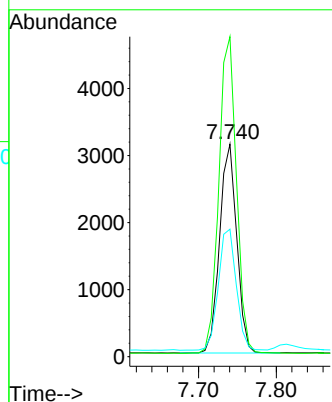
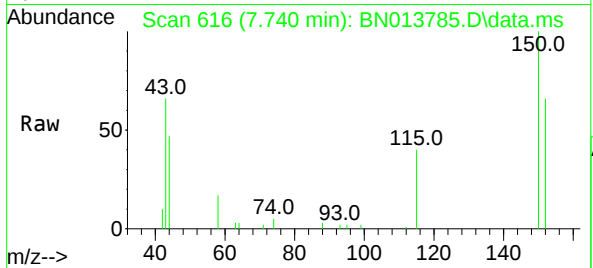




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.740 min Scan# 616
Delta R.T. -0.001 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

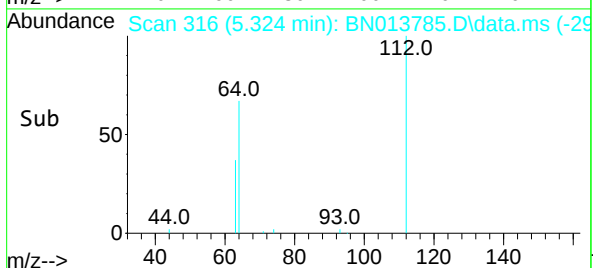
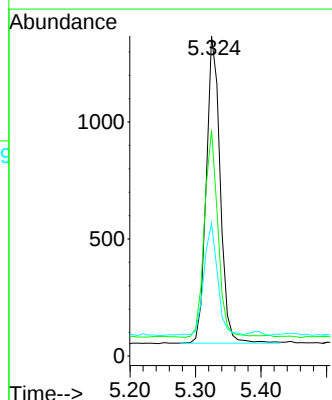
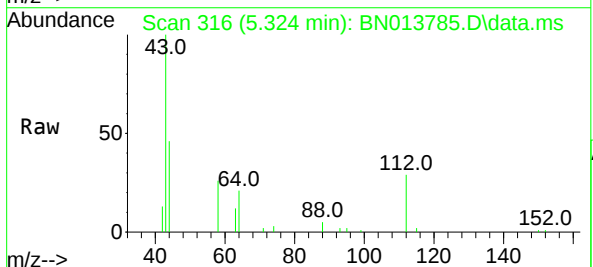
Instrument :
BNA_N
ClientSampleId :
EB-01-022521

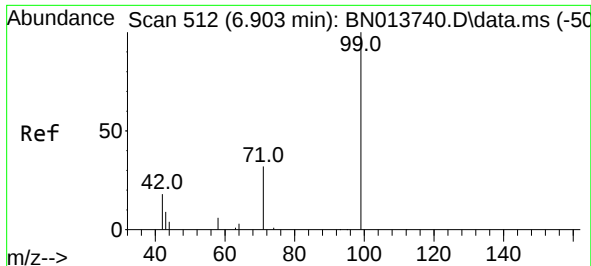
Tgt Ion:152 Resp: 4751
Ion Ratio Lower Upper
152 100
150 150.6 121.8 182.8
115 60.0 46.6 69.8



#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:112 Resp: 1927
Ion Ratio Lower Upper
112 100
64 66.0 44.3 66.5
63 36.5 23.0 34.6#

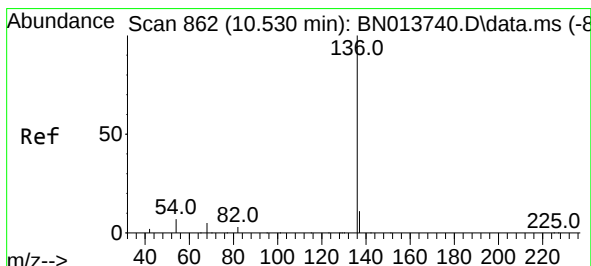
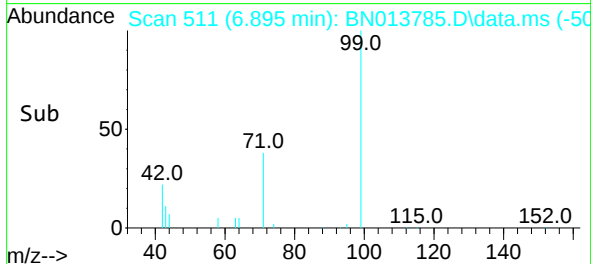
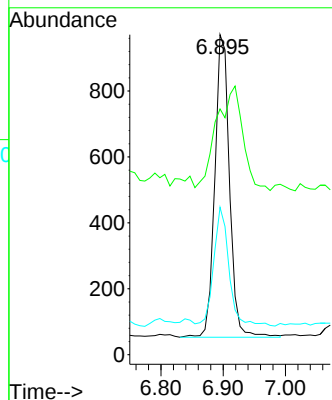
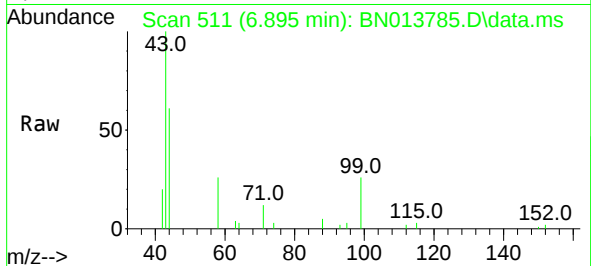




#5
Phenol-d6
Concen: 0.09 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

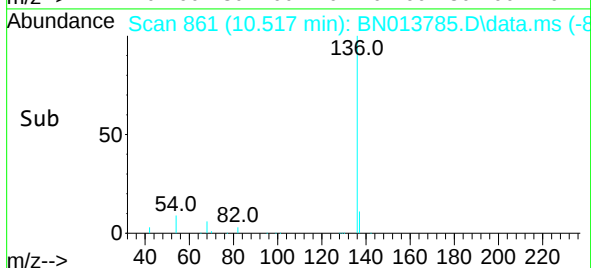
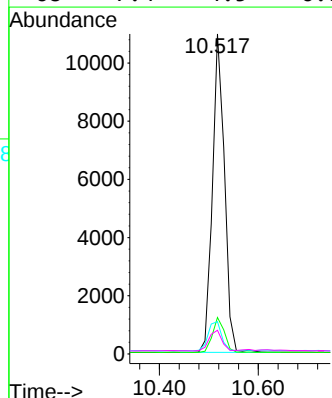
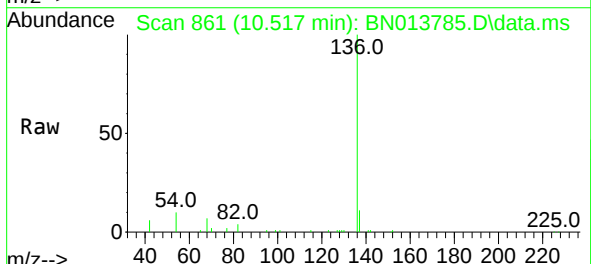
Instrument :
BNA_N
ClientSampleId :
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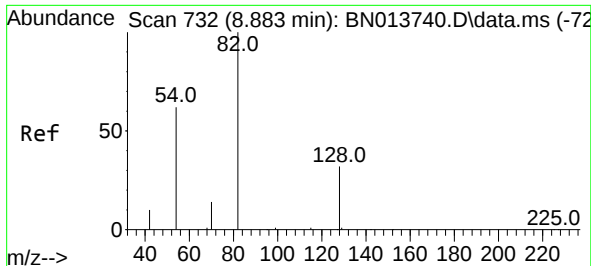
Tgt Ion: 99 Resp: 1507
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 41.0 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.517 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion: 136 Resp: 18479
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 10.1 6.4 9.6#
68 7.4 4.5 6.7#

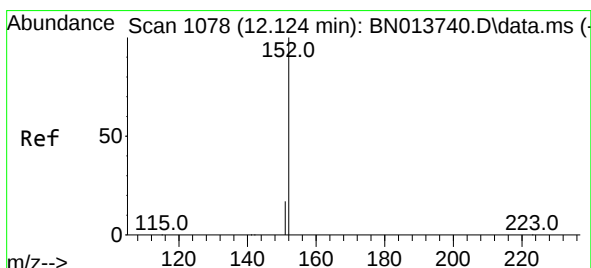
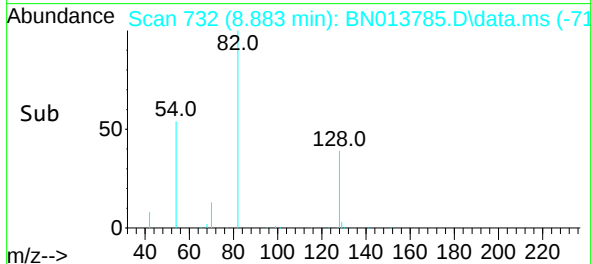
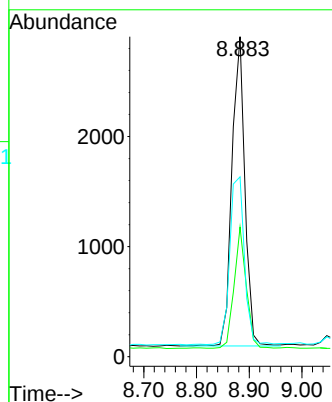
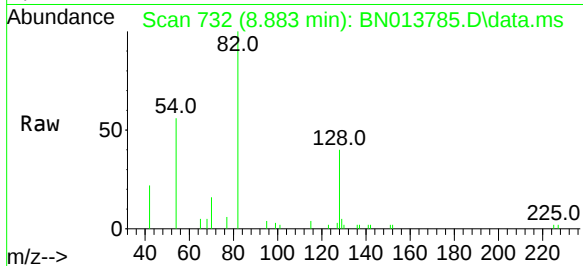




#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

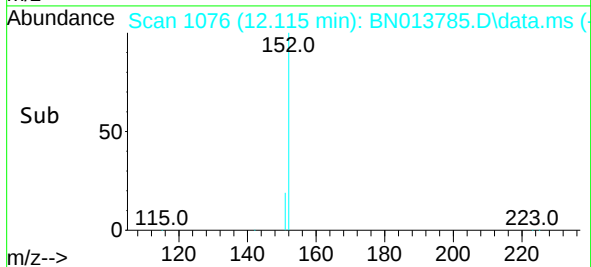
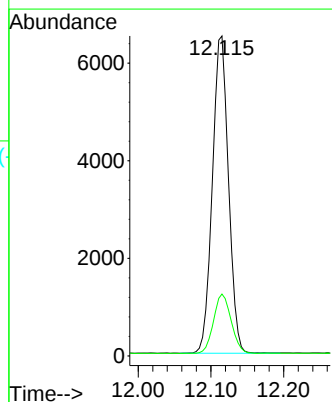
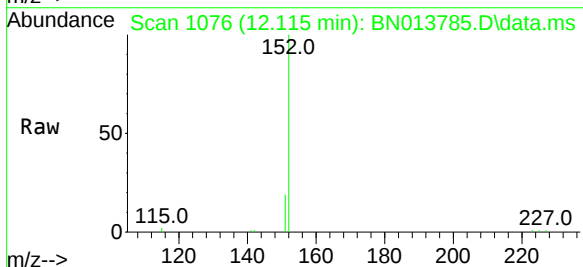
Instrument :
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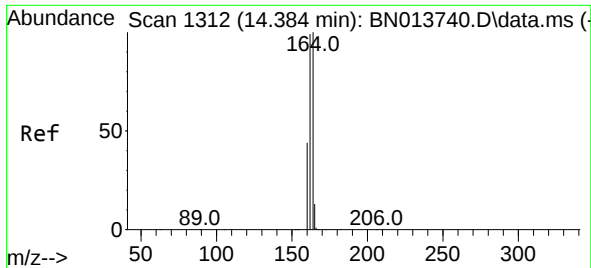
Tgt Ion: 82 Resp: 4781
Ion Ratio Lower Upper
82 100
128 40.5 39.2 58.8
54 56.2 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.005 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion: 152 Resp: 10013
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2

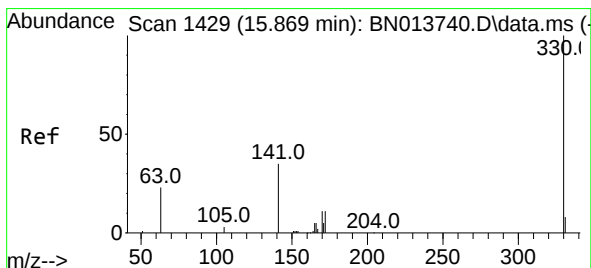
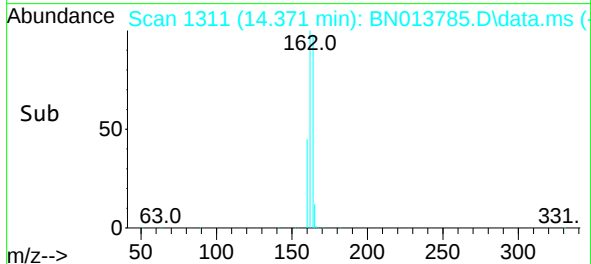
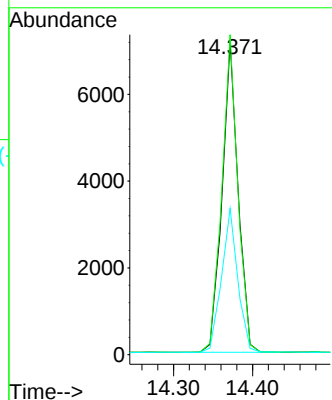
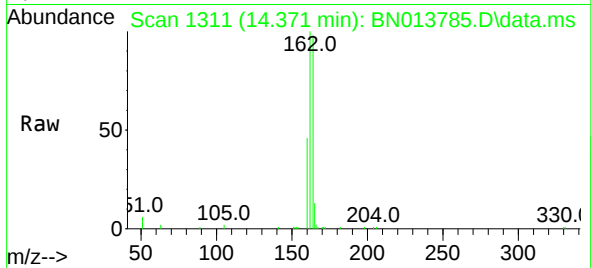




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

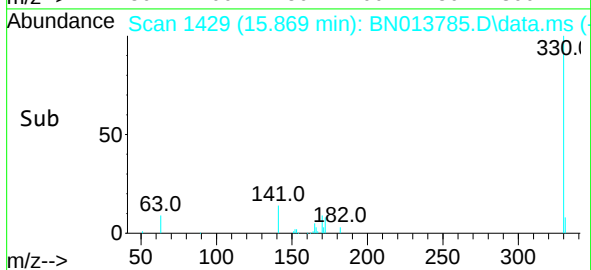
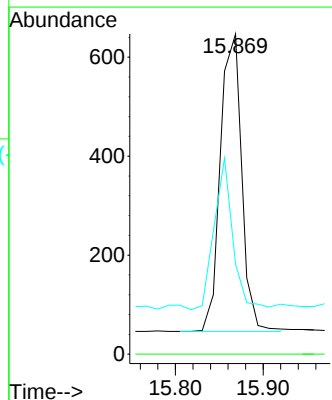
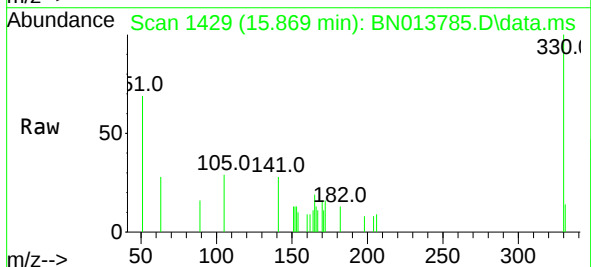
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BNA_N
ClientSampleId :
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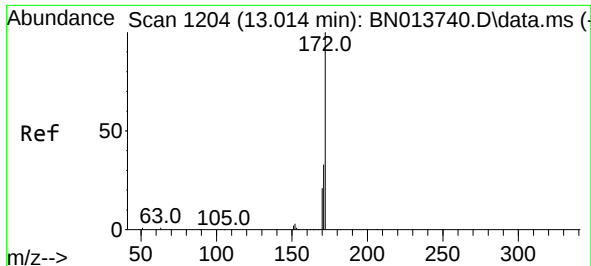
Tgt Ion:164 Resp: 10076
Ion Ratio Lower Upper
164 100
162 102.1 79.6 119.4
160 46.7 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.25 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:330 Resp: 1015
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 44.5 26.8 40.2#

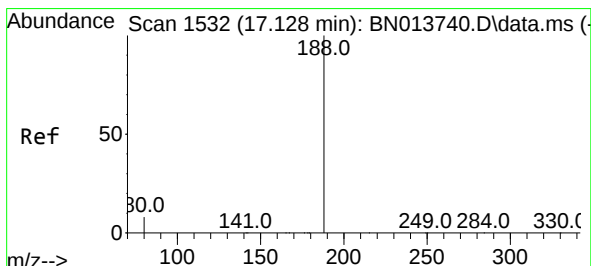
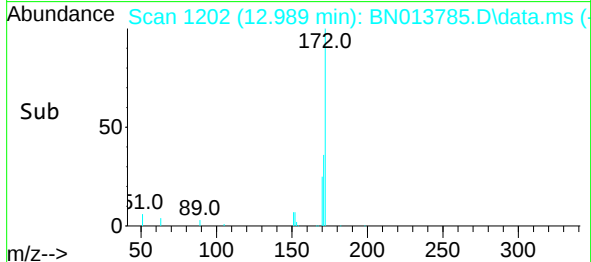
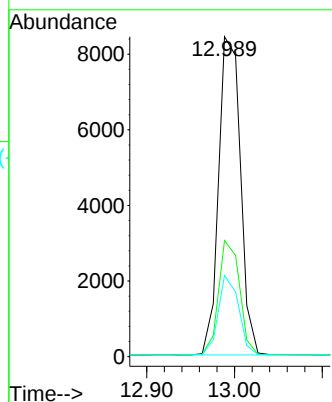
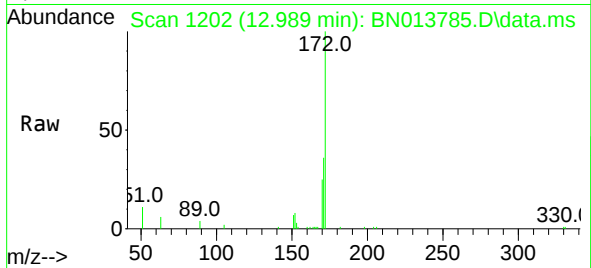




#15
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

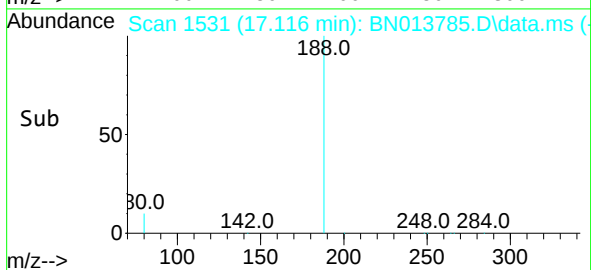
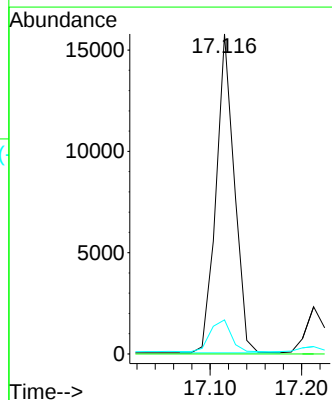
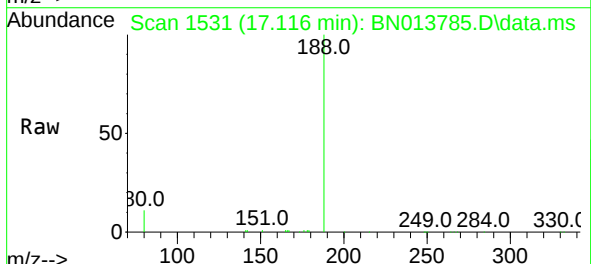
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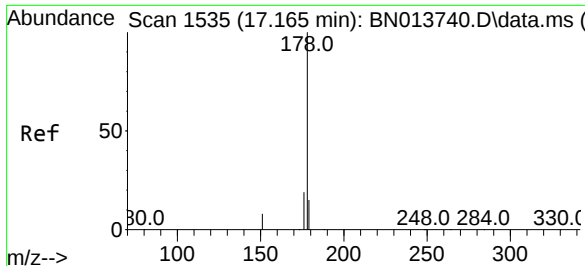
Tgt Ion:	172	Resp:	14545
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.6	42.8
170	25.3	18.9	28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:	188	Resp:	21812
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.6	9.0	13.6

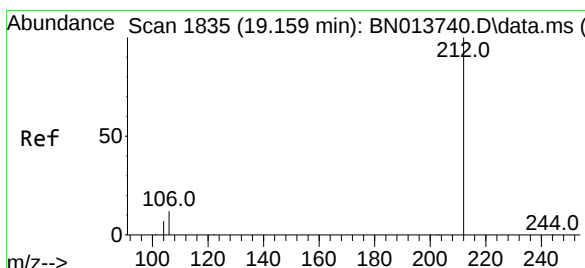
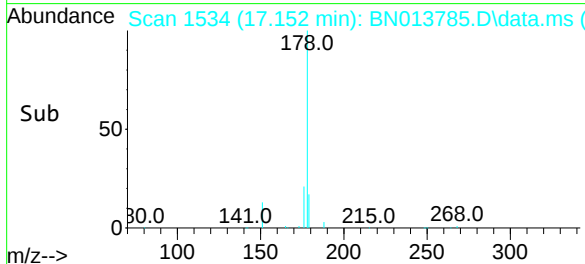
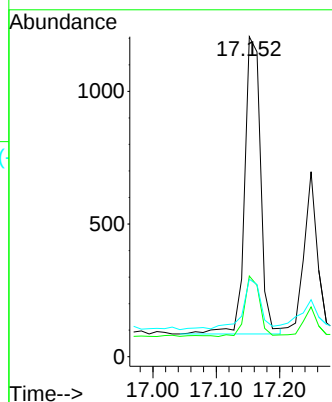
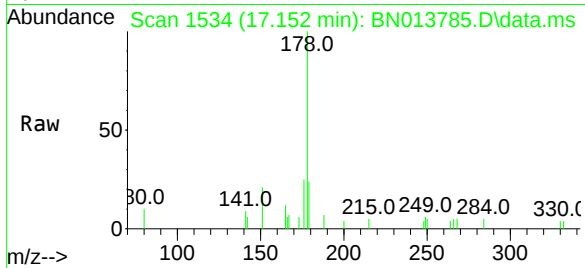




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

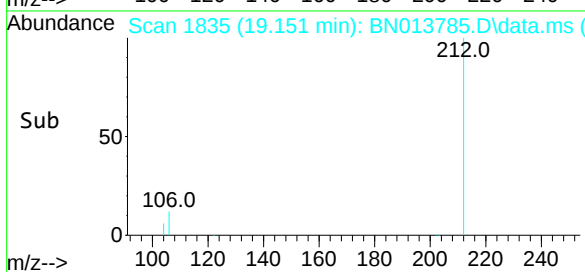
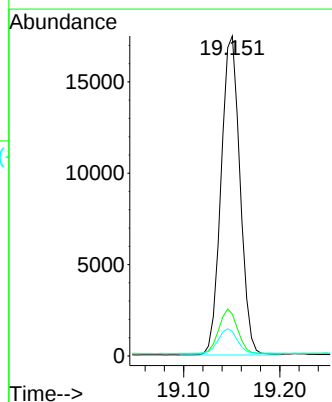
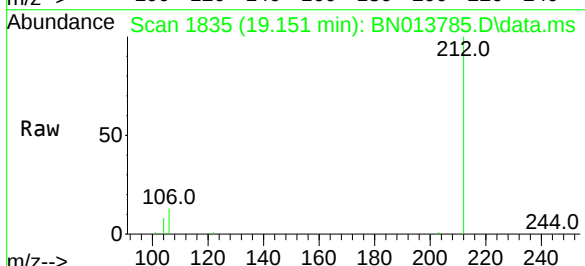
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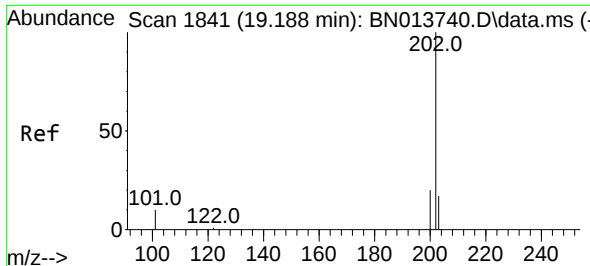
Tgt Ion:178 Resp: 1952
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 20.1 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:212 Resp: 23849
Ion Ratio Lower Upper
212 100
106 13.7 9.7 14.5
104 7.8 5.5 8.3

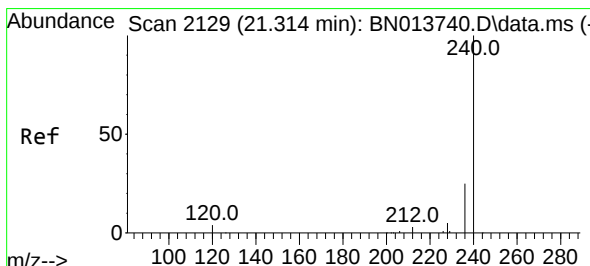
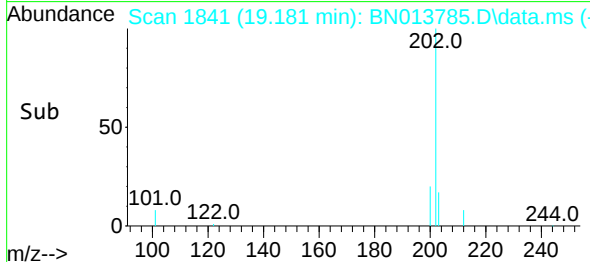
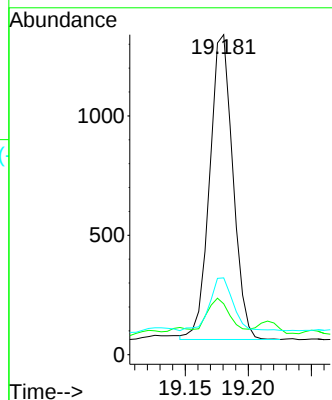
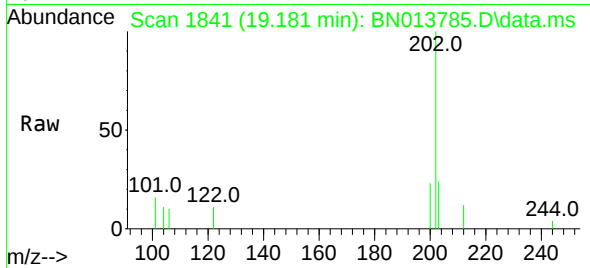




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.181 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

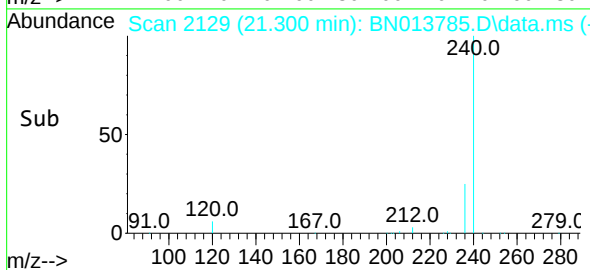
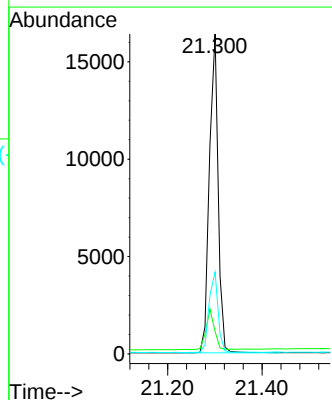
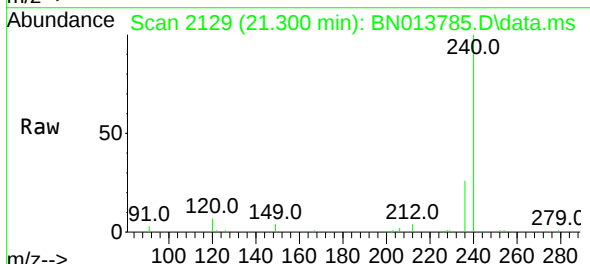
Instrument :
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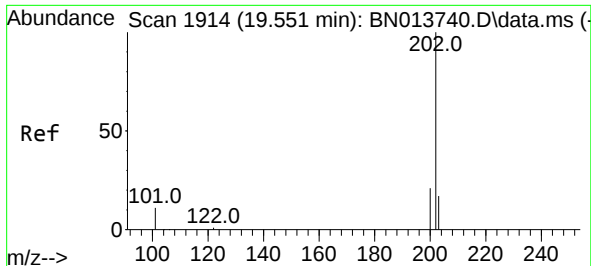
Tgt Ion:202 Resp: 1632
Ion Ratio Lower Upper
202 100
101 10.7 8.1 12.1
203 17.8 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:240 Resp: 21055
Ion Ratio Lower Upper
240 100
120 7.0 10.2 15.4#
236 25.6 21.3 31.9

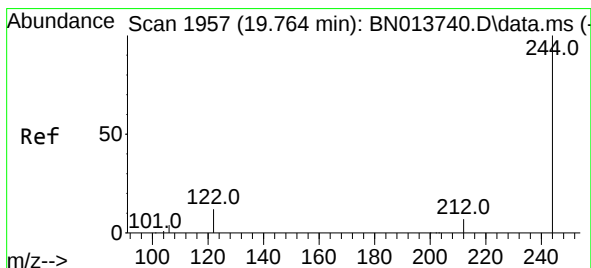
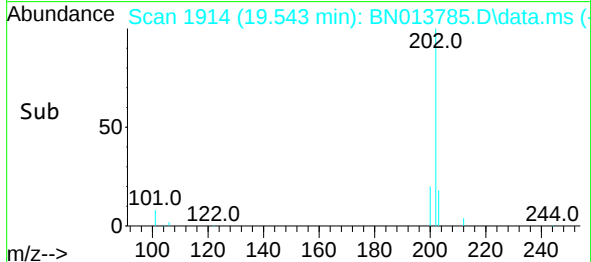
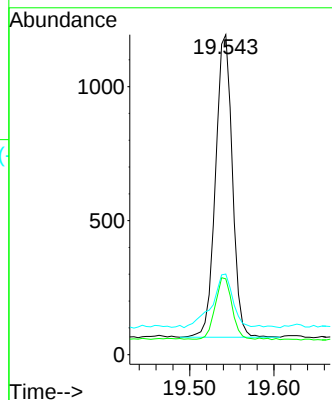
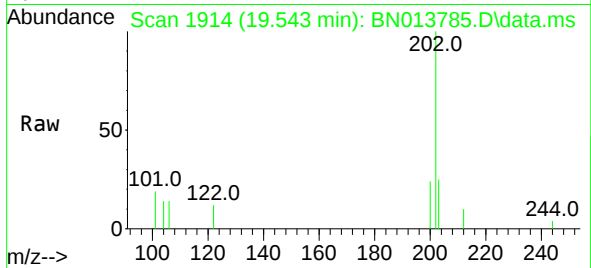




#30
Pyrene
Concen: 0.02 ng
RT: 19.543 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

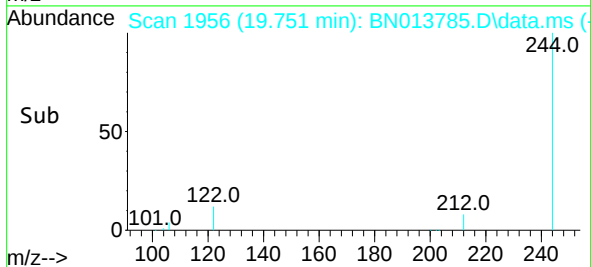
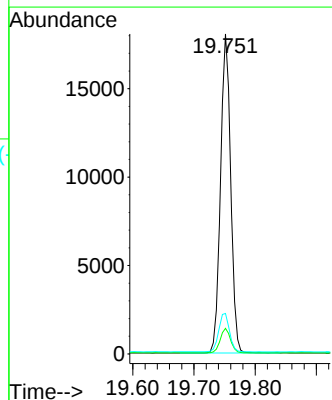
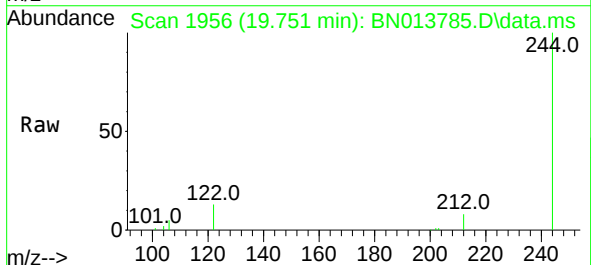
Instrument :
BNA_N
ClientSampleId :
EB-01-022521

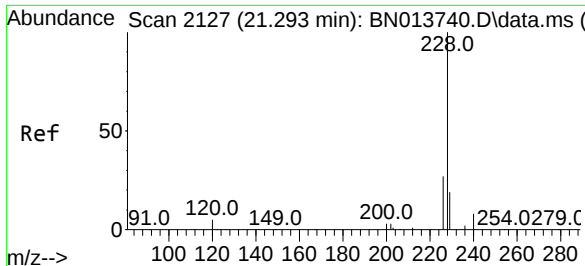
Tgt Ion:202 Resp: 1555
Ion Ratio Lower Upper
202 100
200 20.3 16.3 24.5
203 21.9 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.751 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:244 Resp: 20725
Ion Ratio Lower Upper
244 100
212 8.0 6.1 9.1
122 12.7 9.8 14.8

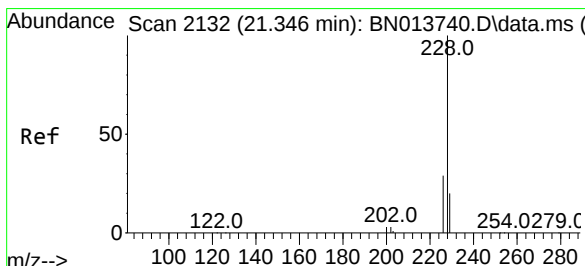
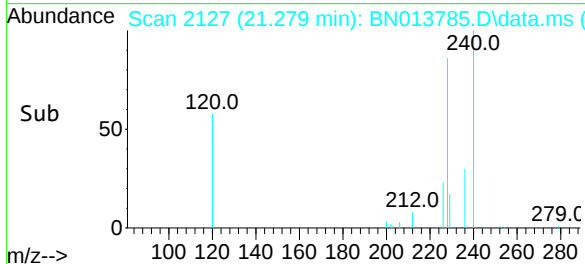
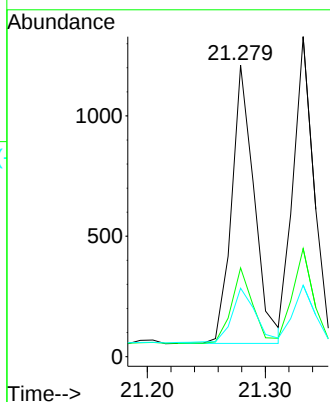
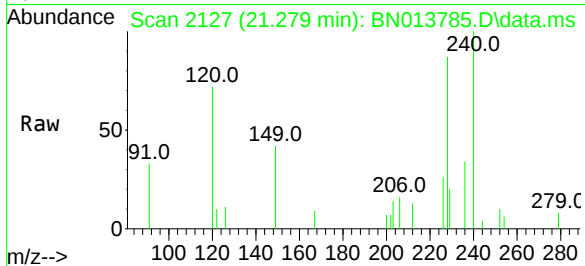




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.279 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

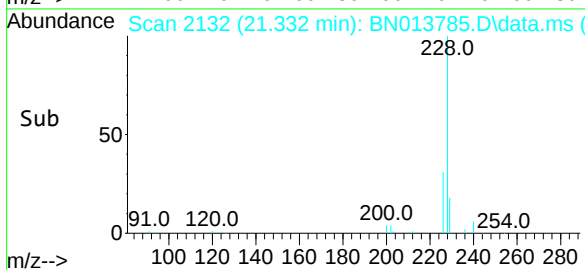
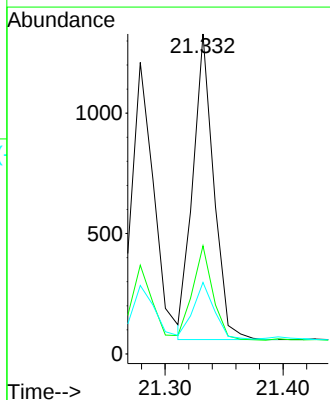
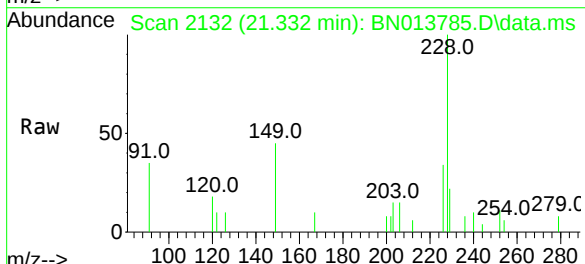
Instrument :
BNA_N
ClientSampleId :
EB-01-022521

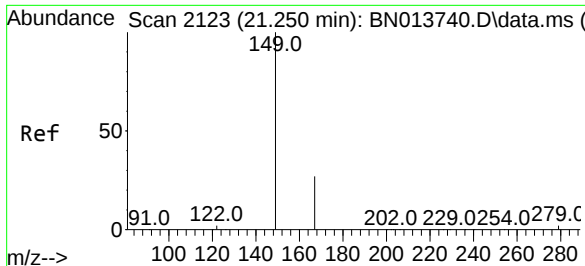
Tgt Ion:228	Resp:	1536
Ion Ratio	Lower	Upper
228	100	
226	30.5	20.5 30.7
229	23.5	16.2 24.4



#33
Chrysene
Concen: 0.02 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:228	Resp:	1554
Ion Ratio	Lower	Upper
228	100	
226	33.8	24.3 36.5
229	22.3	15.1 22.7

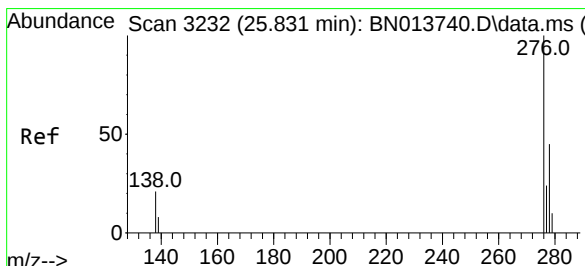
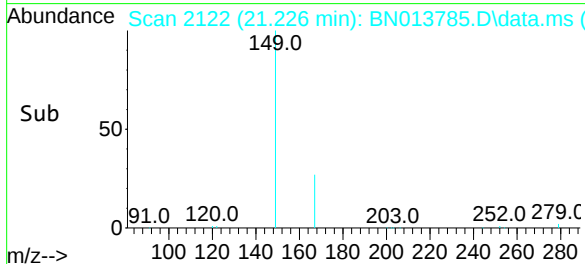
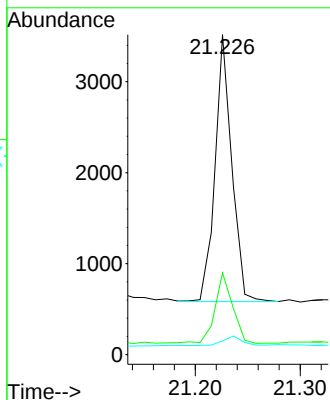
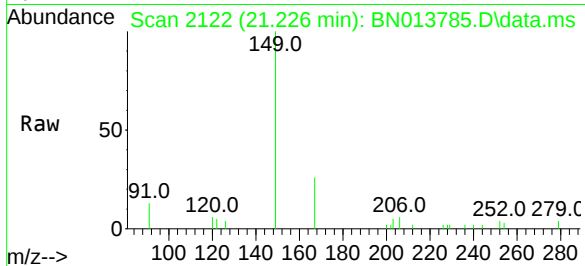




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.226 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

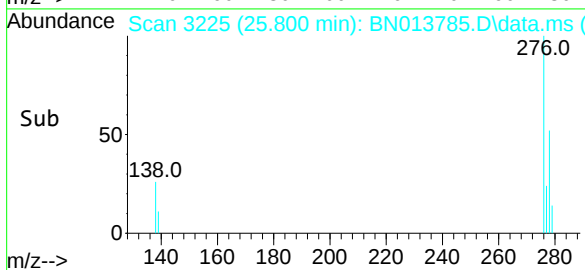
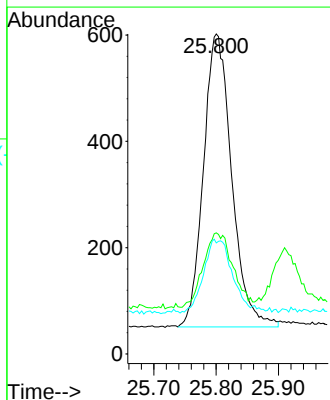
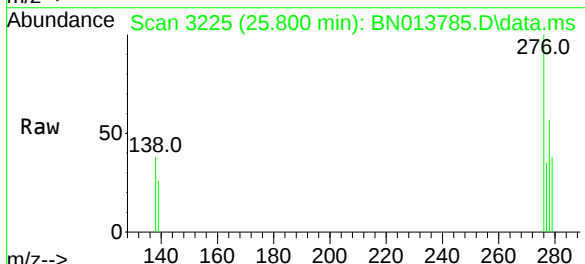
Instrument :
BNA_N
ClientSampleId :
EB-01-022521

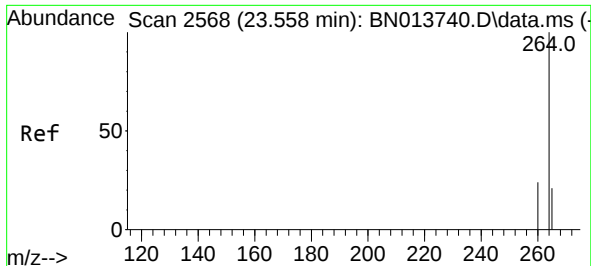
Tgt Ion:149 Resp: 3249
Ion Ratio Lower Upper
149 100
167 27.6 22.1 33.1
279 4.5 3.5 5.3



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.800 min Scan# 3225
Delta R.T. -0.017 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:276 Resp: 1734
Ion Ratio Lower Upper
276 100
138 26.5 19.8 29.6
277 25.3 19.9 29.9

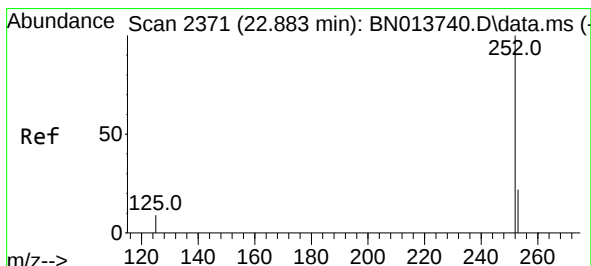
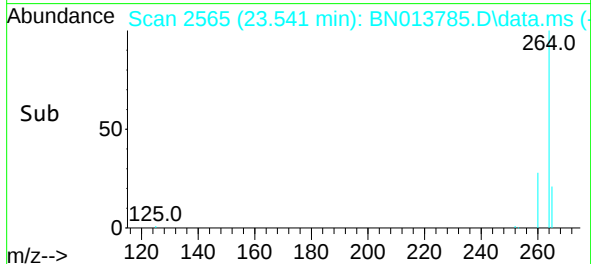
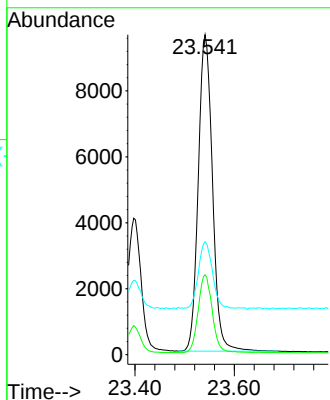
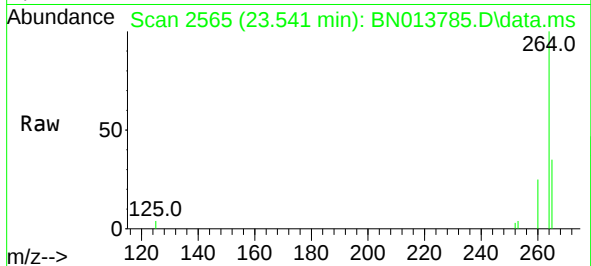




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.541 min Scan# 2565
 Delta R.T. -0.010 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

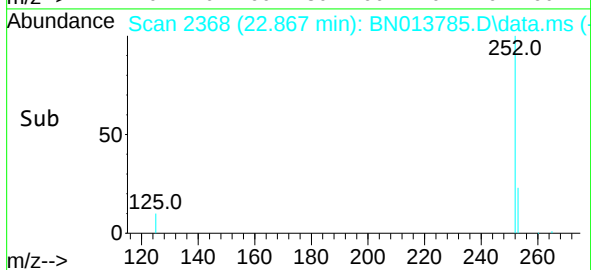
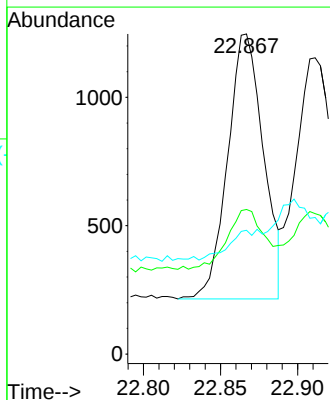
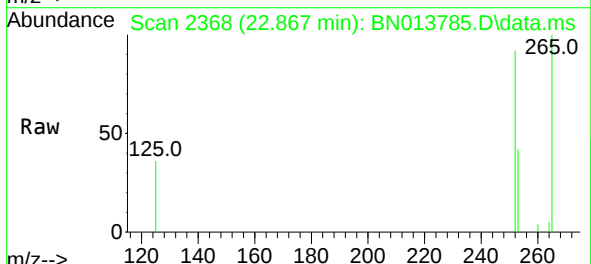
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-022521

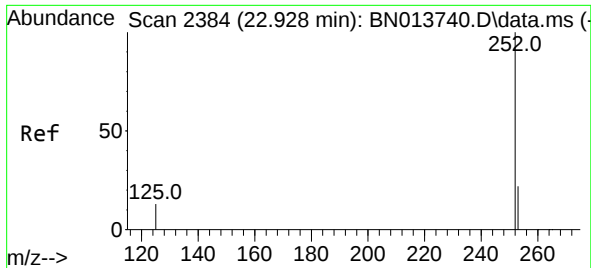
Tgt Ion:264 Resp: 19013
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 35.3 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.867 min Scan# 2368
 Delta R.T. -0.010 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

Tgt Ion:252 Resp: 1666
 Ion Ratio Lower Upper
 252 100
 253 45.1 20.4 30.6#
 125 38.7 11.6 17.4#

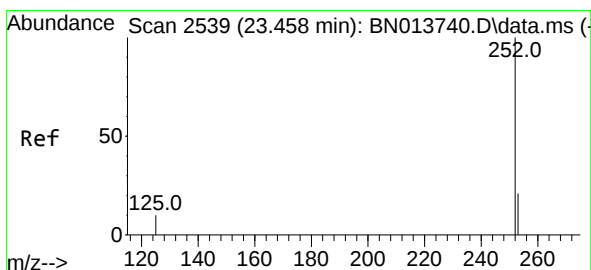
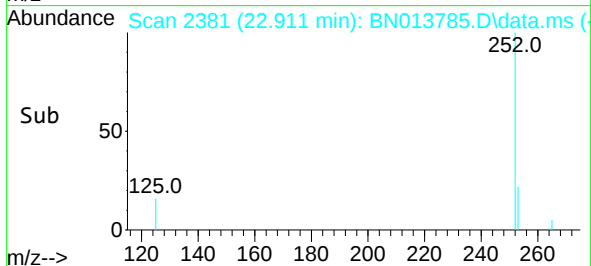
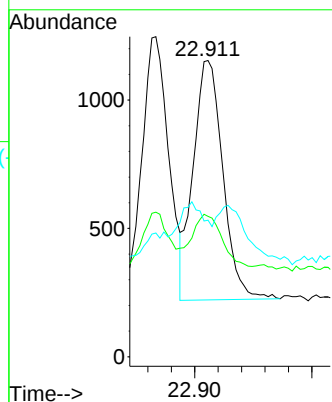
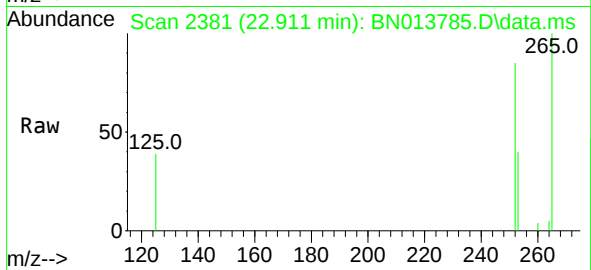




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.911 min Scan# 2381
Delta R.T. -0.010 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

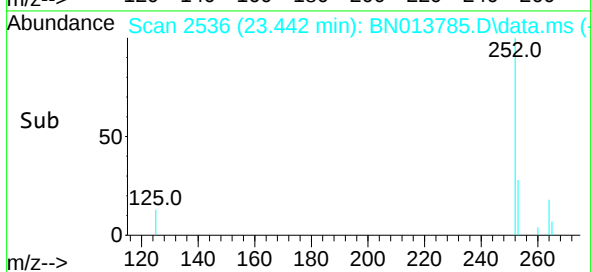
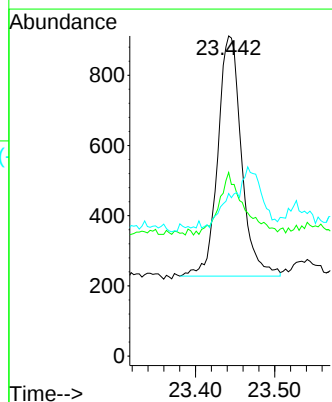
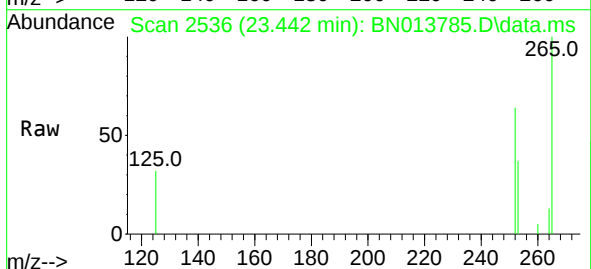
Instrument :
BNA_N
ClientSampleId :
EB-01-022521

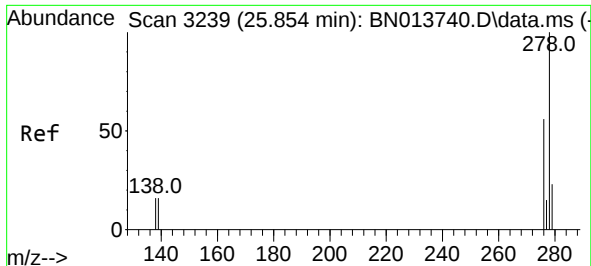
Tgt Ion:252 Resp: 1641
Ion Ratio Lower Upper
252 100
253 47.4 20.5 30.7#
125 46.1 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.442 min Scan# 2536
Delta R.T. -0.014 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:252 Resp: 1417
Ion Ratio Lower Upper
252 100
253 57.3 21.8 32.6#
125 50.8 14.6 21.8#

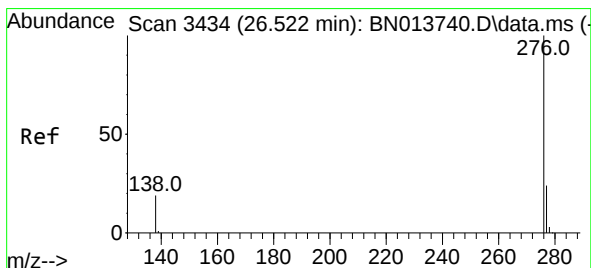
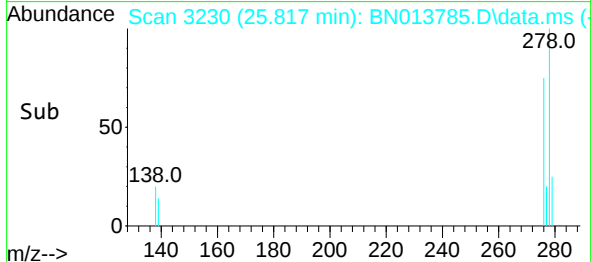
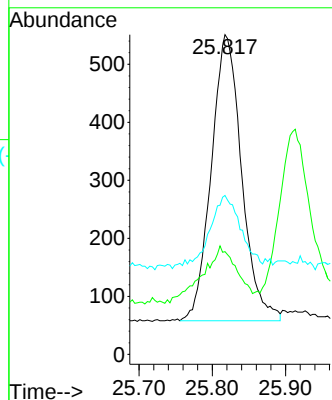
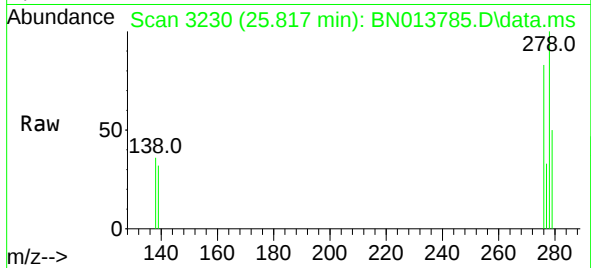




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.817 min Scan# 3230
Delta R.T. -0.021 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Instrument :
BNA_N
ClientSampled :
EB-01-022521

Tgt Ion:278 Resp: 1421
Ion Ratio Lower Upper
278 100
139 32.1 13.1 19.7#
279 49.7 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.488 min Scan# 3426
Delta R.T. -0.021 min
Lab File: BN013785.D
Acq: 26 Feb 2021 16:10

Tgt Ion:276 Resp: 1545
Ion Ratio Lower Upper
276 100
277 37.6 20.0 30.0#
138 36.4 17.8 26.8#

