

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

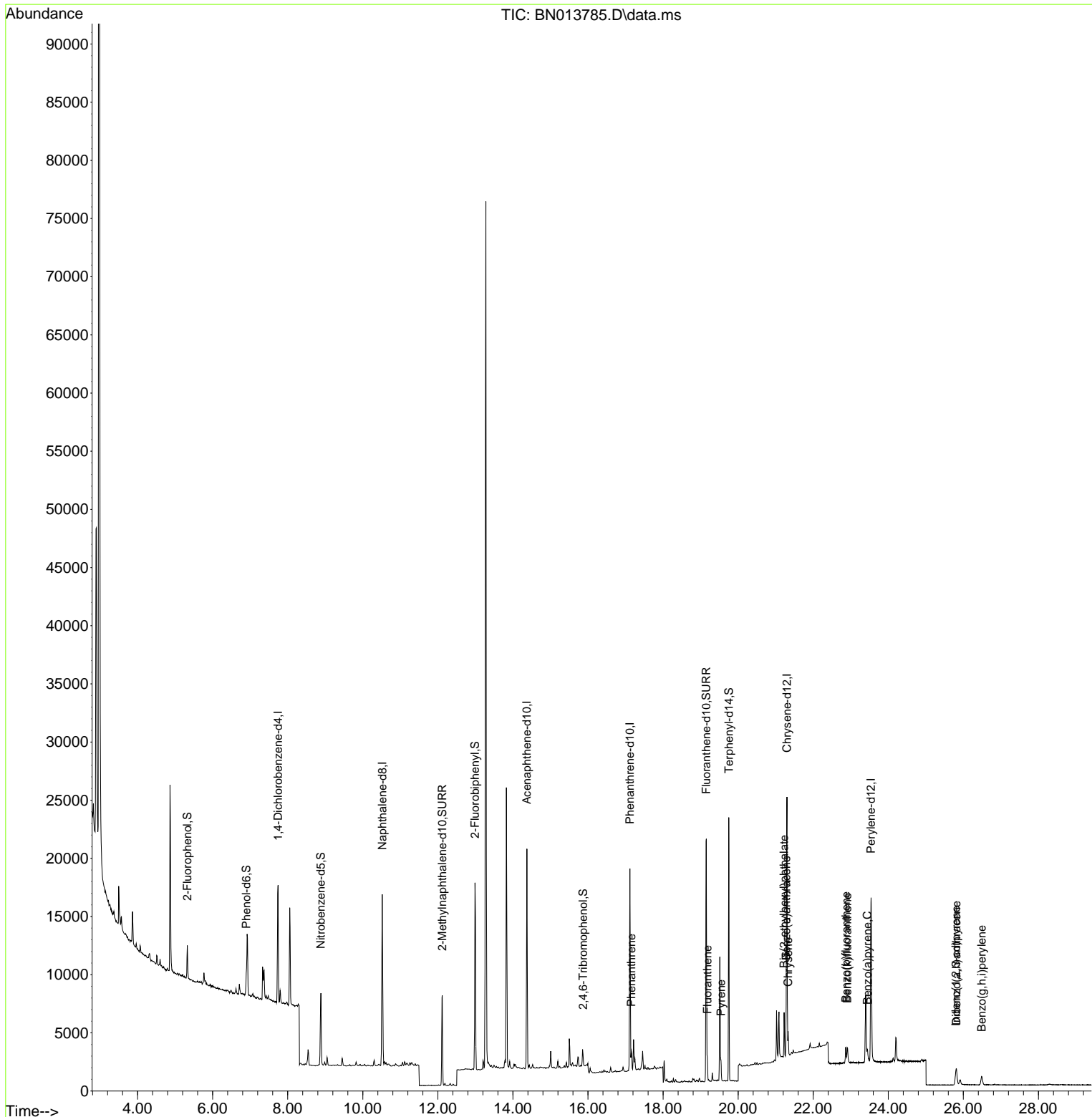
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	4751	0.40	ng	0.00	
7) Naphthalene-d8	10.517	136	18479	0.40	ng	#-0.01	
13) Acenaphthene-d10	14.371	164	10076	0.40	ng	0.00	
19) Phenanthrene-d10	17.116	188	21812	0.40	ng	-0.01	
29) Chrysene-d12	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

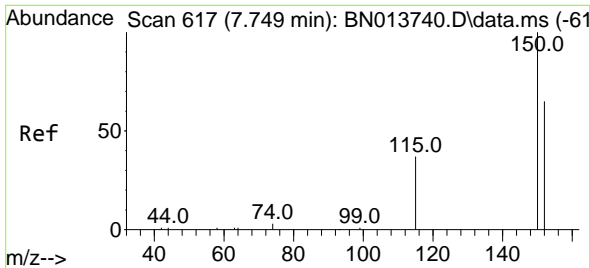
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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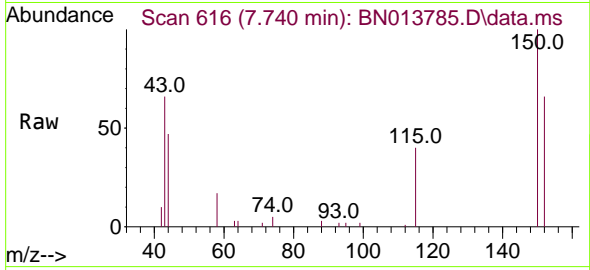
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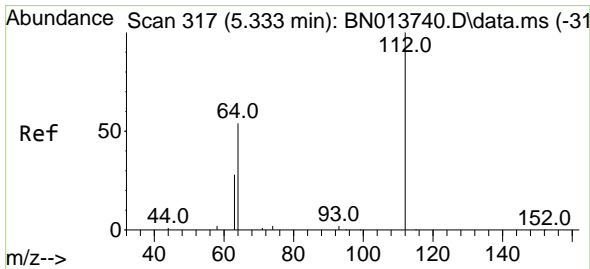
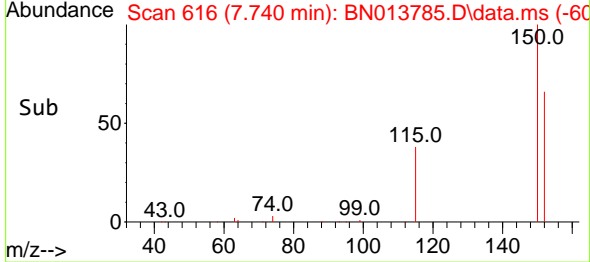
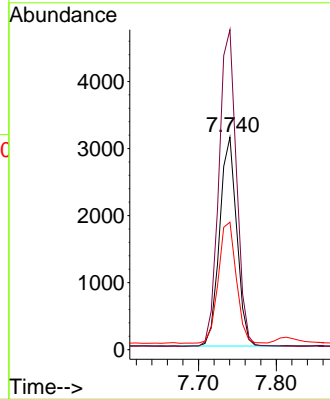


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.740 min Scan# 616
 Delta R.T. -0.001 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

Instrument :
 BNA_N
 ClientSampled :
 EB-01-022521

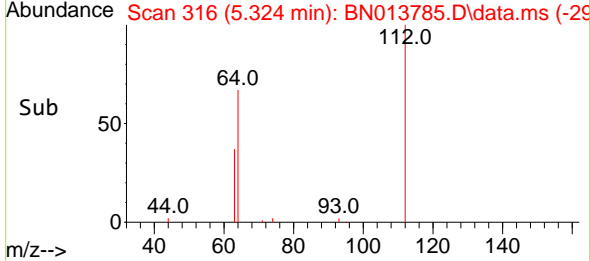
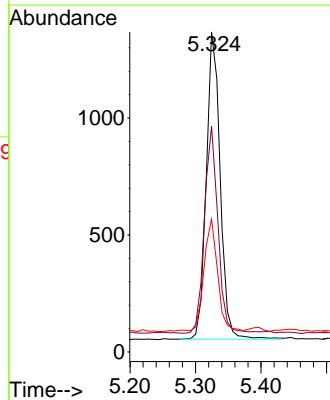
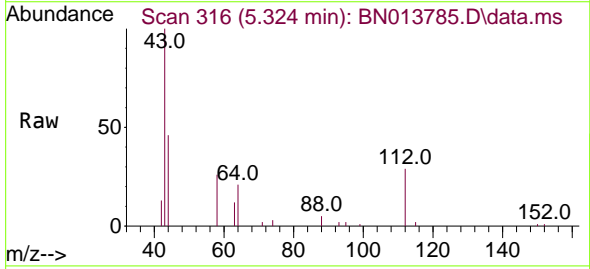


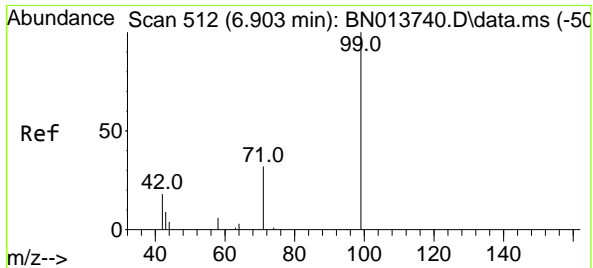
Tgt Ion:152 Resp: 4751
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.8 182.8
 115 60.0 46.6 69.8



#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#

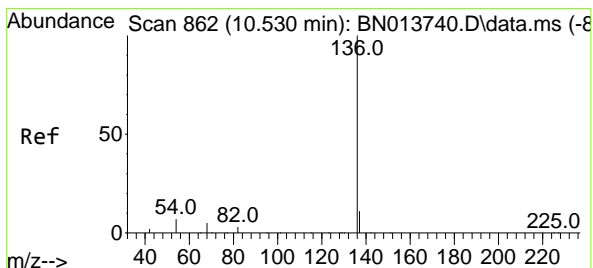
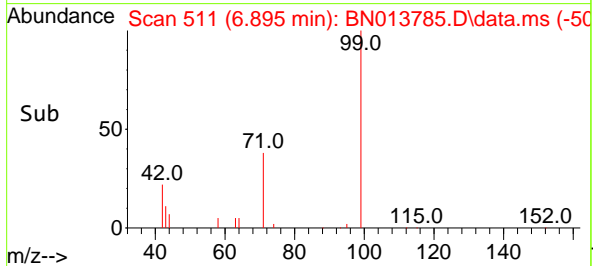
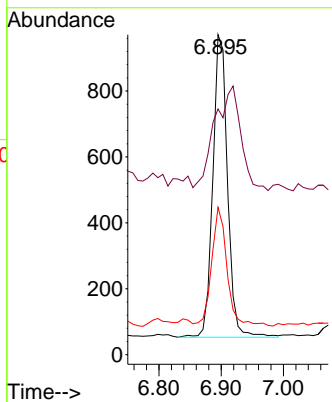
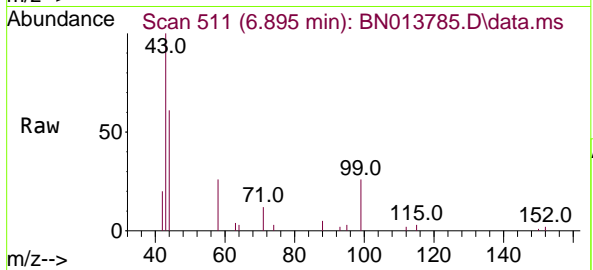




#5
 Phenol-d6
 Concen: 0.09 ng
 RT: 6.895 min Scan# 511
 Delta R.T. -0.008 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

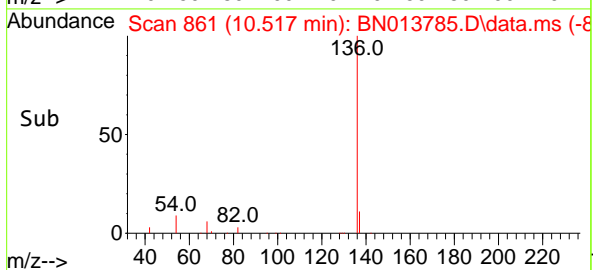
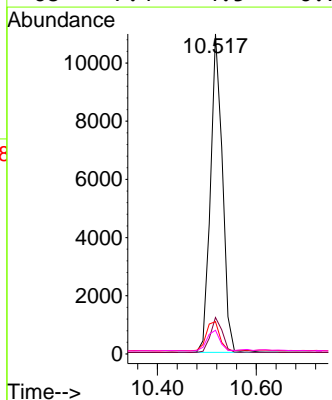
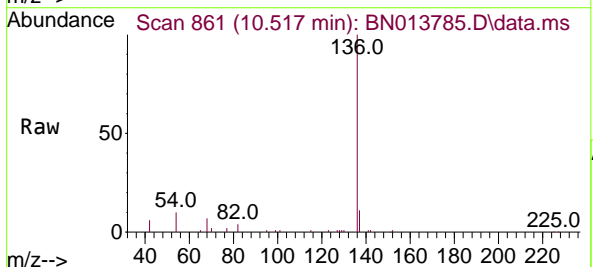
Instrument :
 BNA_N
 ClientSampled :
 EB-01-022521

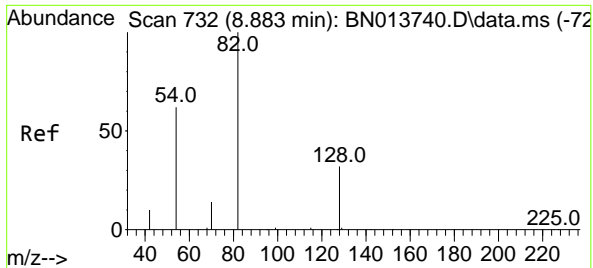
Tgt Ion	Resp	Lower	Upper
99	1507		
42	0.0	15.2	22.8#
71	41.0	26.1	39.1#



#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

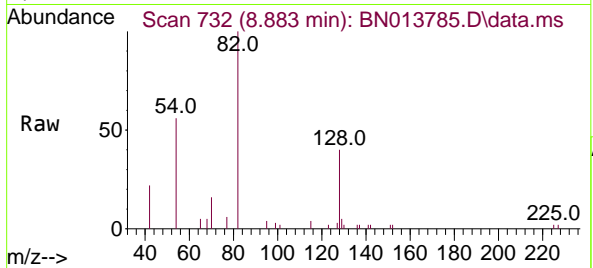
Tgt Ion	Resp	Lower	Upper
136	18479		
137	11.4	9.0	13.6
54	10.1	6.4	9.6#
68	7.4	4.5	6.7#



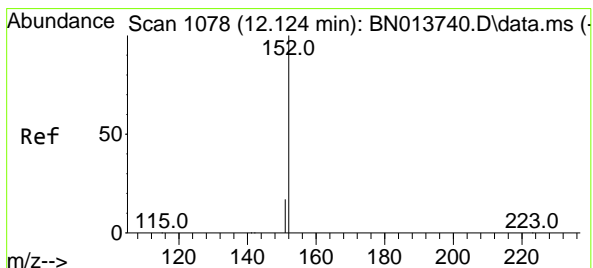
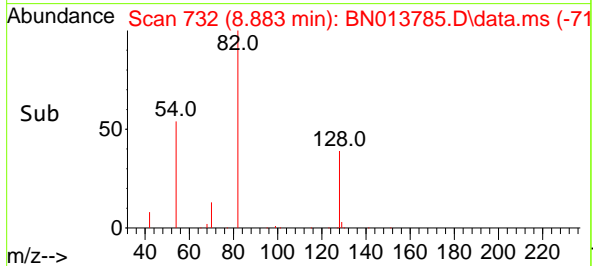
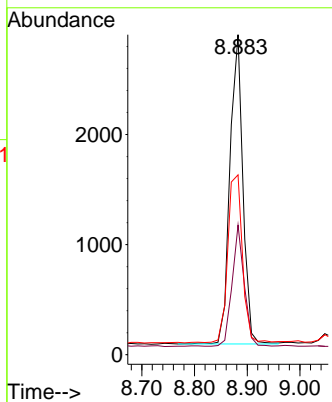


#8
 Nitrobenzene-d5
 Concen: 0.40 ng
 RT: 8.883 min Scan# 732
 Delta R.T. -0.000 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

Instrument :
 BNA_N
 ClientSampleId :
 EB-01-022521

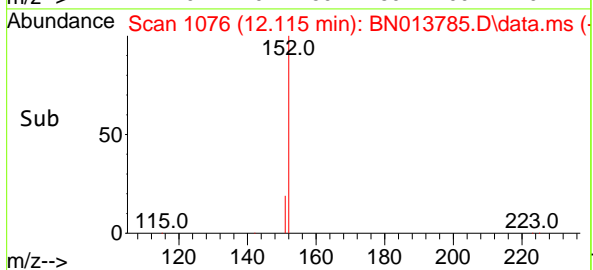
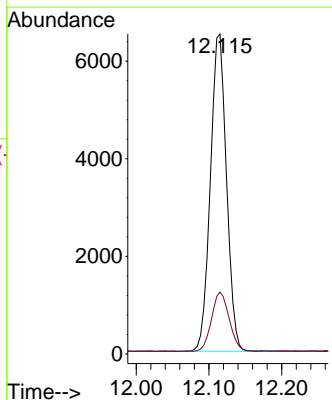
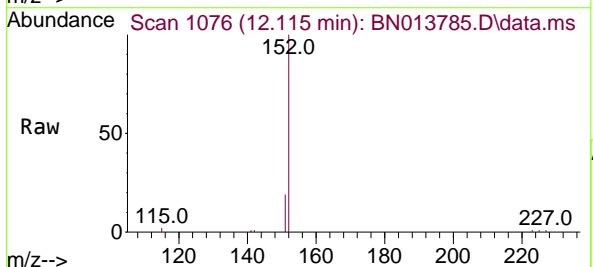


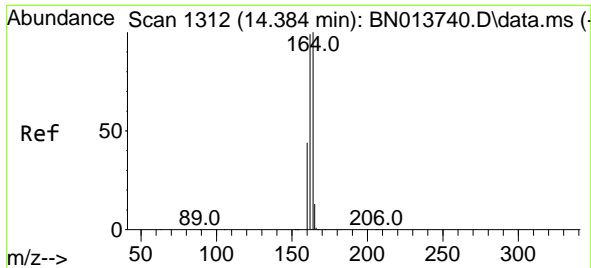
Tgt Ion	Resp	Lower	Upper
82	4781		
82	100		
128	40.5	39.2	58.8
54	56.2	40.1	60.1



#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	Resp	Lower	Upper
152	10013		
152	100		
151	20.4	16.2	24.2

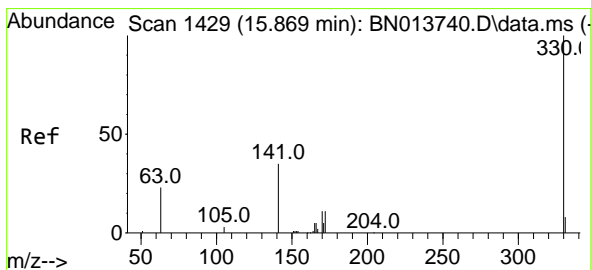
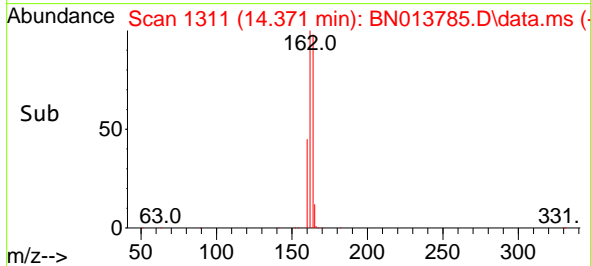
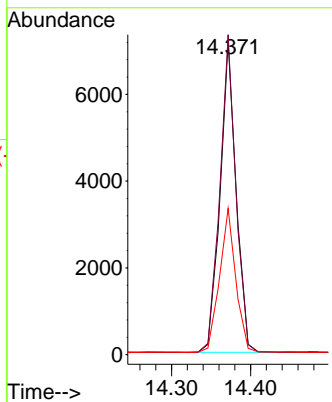
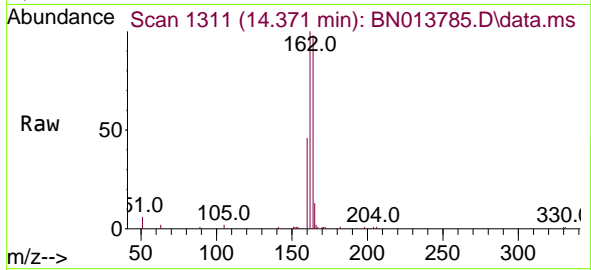




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.371 min Scan# 1311
 Delta R.T. -0.000 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

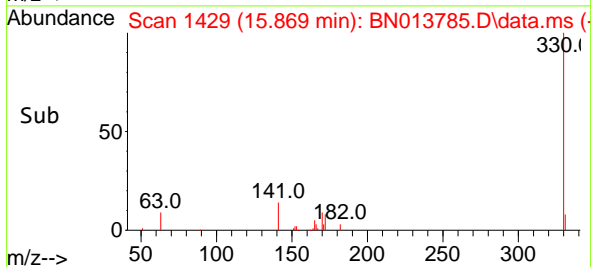
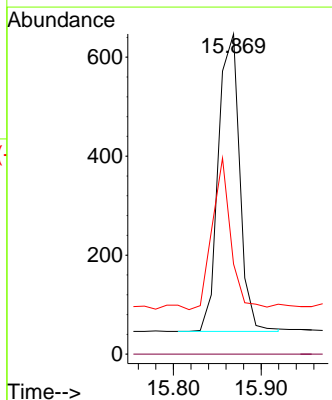
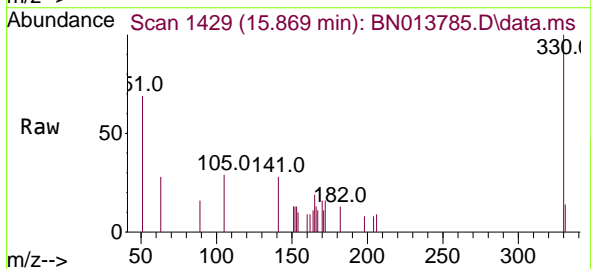
Instrument :
 BNA_N
ClientSampled :
 EB-01-022521

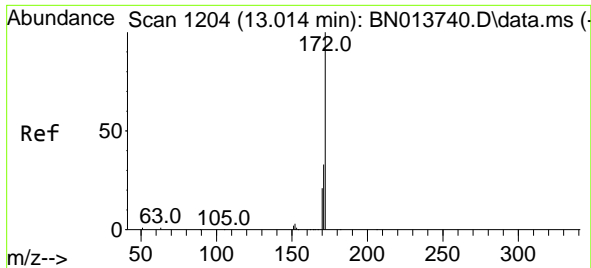
Tgt Ion	Resp	Lower	Upper
164	100		
162	102.1	79.6	119.4
160	46.7	36.0	54.0



#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

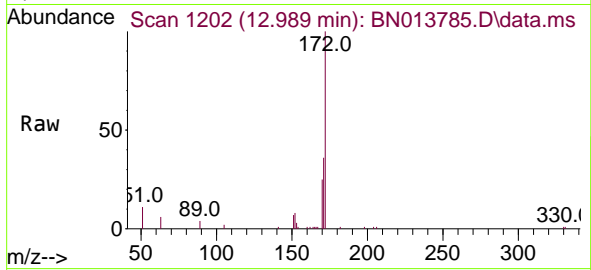
Tgt Ion	Resp	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.5	26.8	40.2#



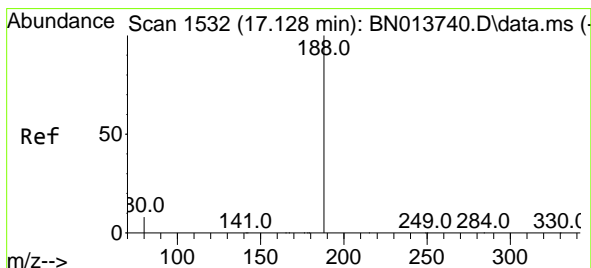
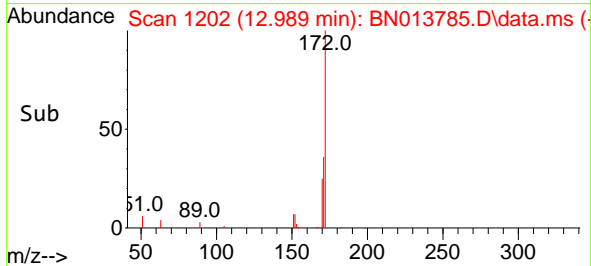
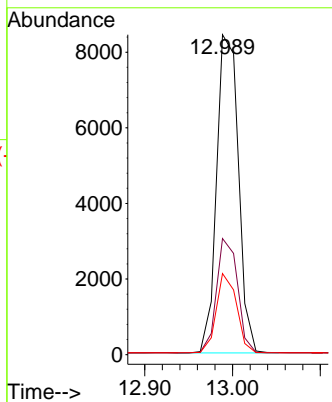


#15
 2-Fluorobiphenyl
 Concen: 0.41 ng
 RT: 12.989 min Scan# 1202
 Delta R.T. -0.013 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

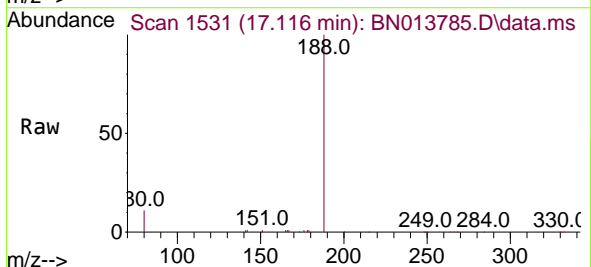
Instrument :
 BNA_N
 ClientSampled :
 EB-01-022521



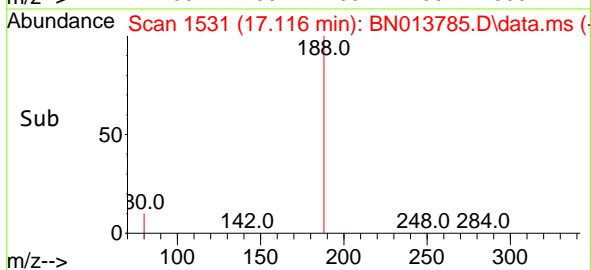
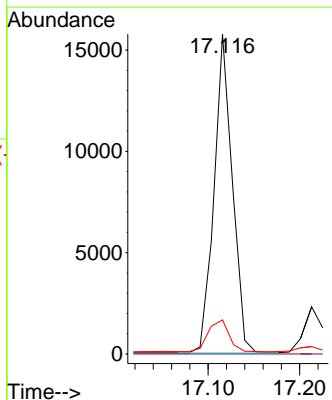
Tgt Ion	Resp	Lower	Upper
172	14545		
171	36.3	28.6	42.8
170	25.3	18.9	28.3

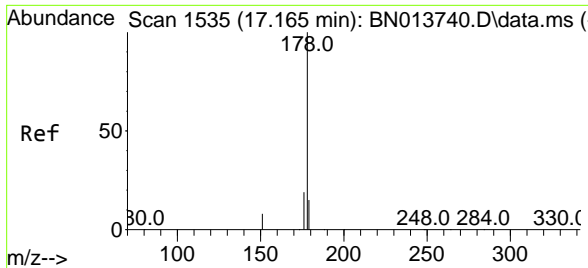


#19
 Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.116 min Scan# 1531
 Delta R.T. -0.012 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10



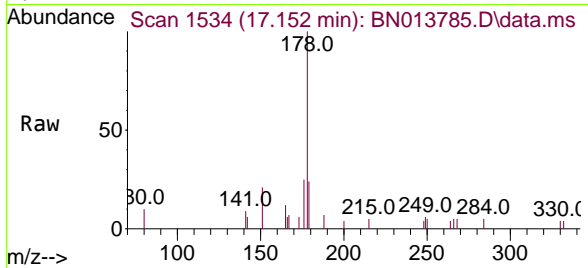
Tgt Ion	Resp	Lower	Upper
188	21812		
94	0.0	0.0	0.0
80	10.6	9.0	13.6



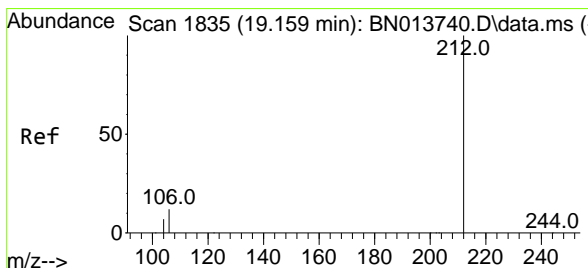
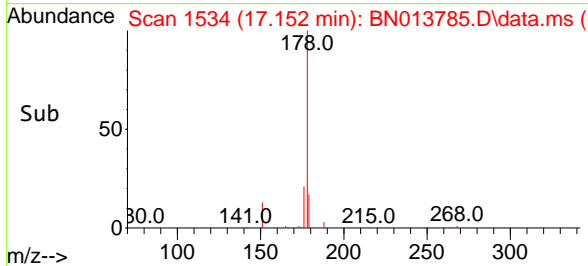
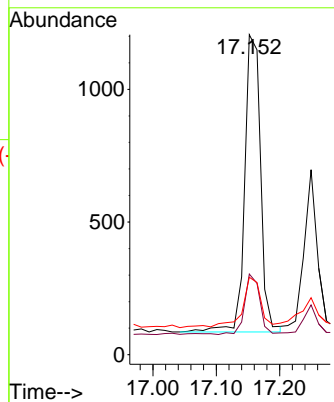


#25
 Phenanthrene
 Concen: 0.03 ng
 RT: 17.152 min Scan# 1534
 Delta R.T. -0.012 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

Instrument :
 BNA_N
 ClientSampled :
 EB-01-022521

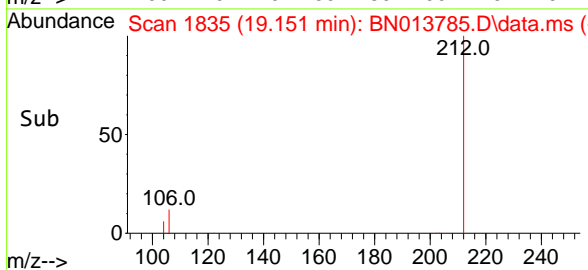
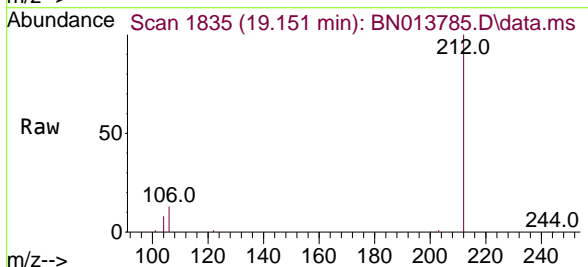
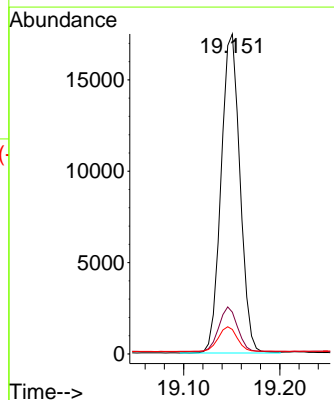


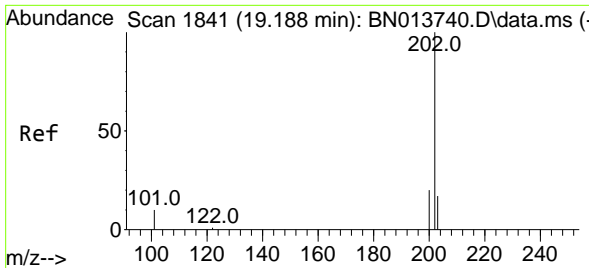
Tgt Ion:178 Resp: 1952
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.0 22.4
 179 20.1 12.3 18.5#



#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

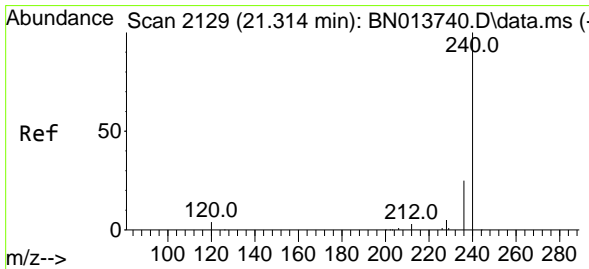
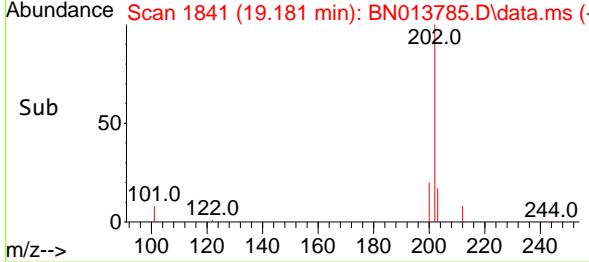
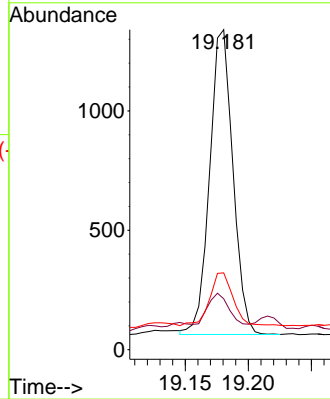
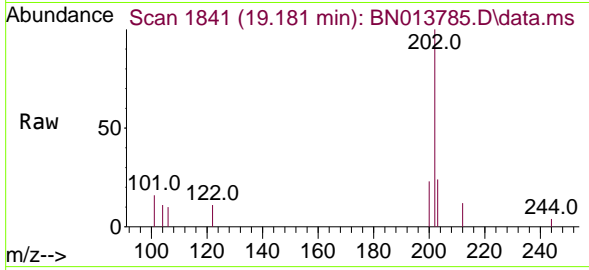




#28
 Fluoranthene
 Concen: 0.02 ng
 RT: 19.181 min Scan# 1841
 Delta R.T. -0.005 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

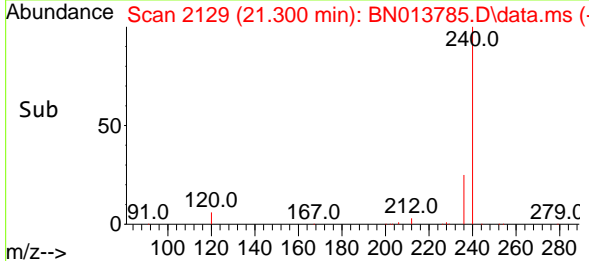
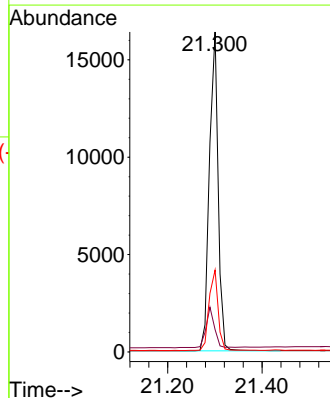
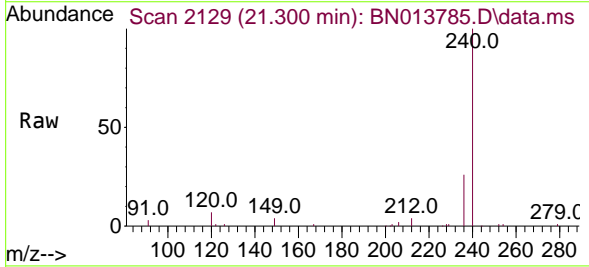
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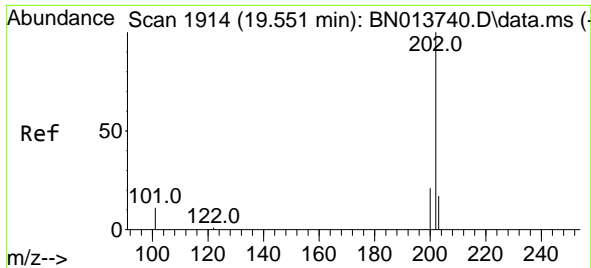
Tgt Ion	Resp	Lower	Upper
202	1632		
101	10.7	8.1	12.1
203	17.8	13.9	20.9



#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	Resp	Lower	Upper
240	21055		
120	7.0	10.2	15.4#
236	25.6	21.3	31.9

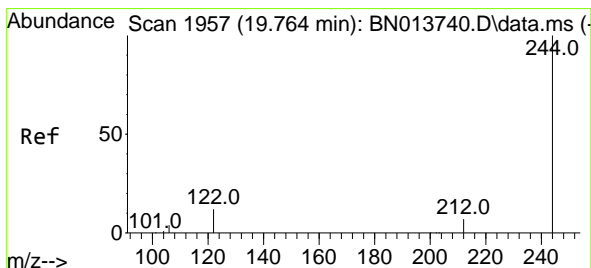
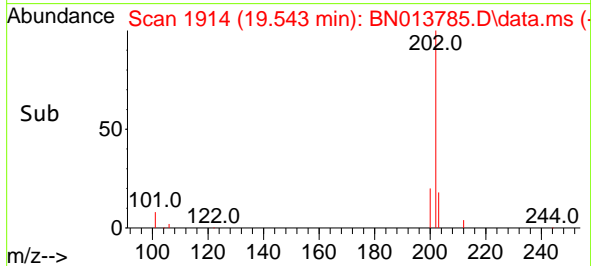
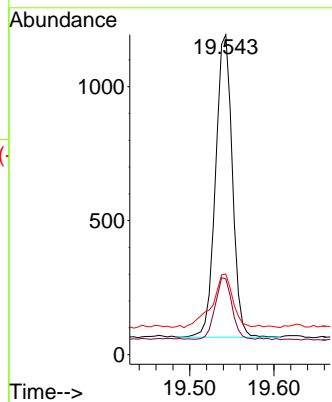
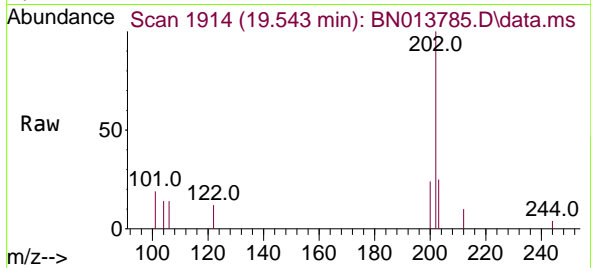




#30
 Pyrene
 Concen: 0.02 ng
 RT: 19.543 min Scan# 1914
 Delta R.T. -0.005 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

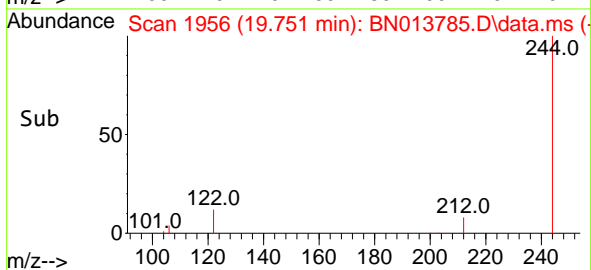
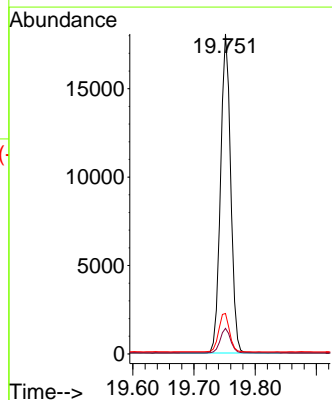
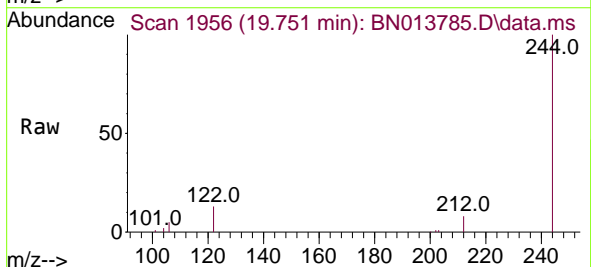
Instrument :
 BNA_N
 ClientSampleId :
 EB-01-022521

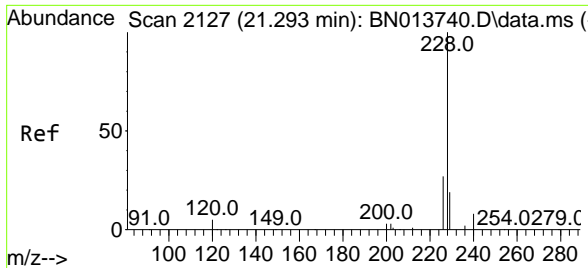
Tgt Ion	Resp	Lower	Upper
202	1555		
200	20.3	16.3	24.5
203	21.9	14.0	21.0#



#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	Resp	Lower	Upper
244	20725		
212	8.0	6.1	9.1
122	12.7	9.8	14.8

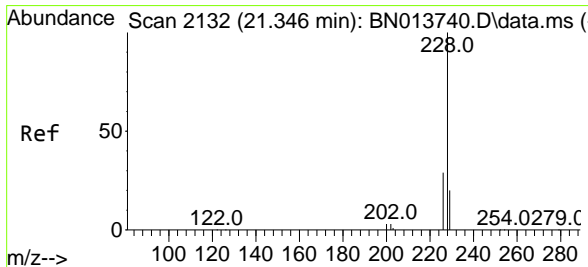
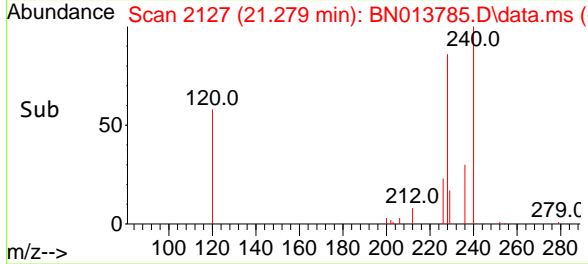
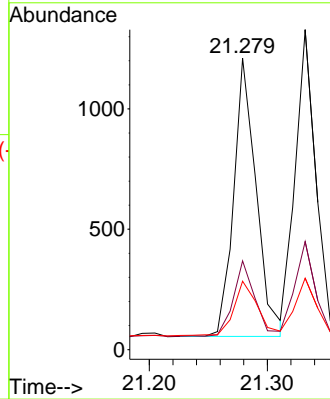
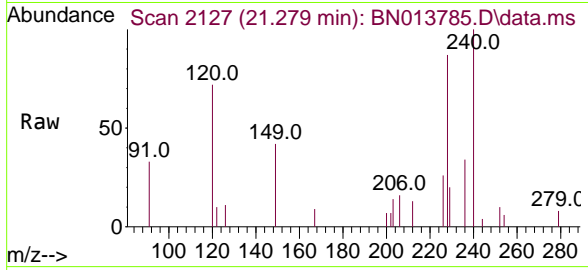




#32
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.279 min Scan# 2127
 Delta R.T. -0.011 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

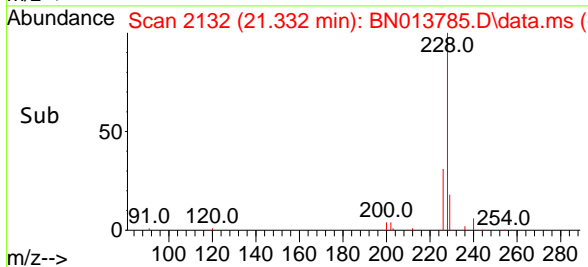
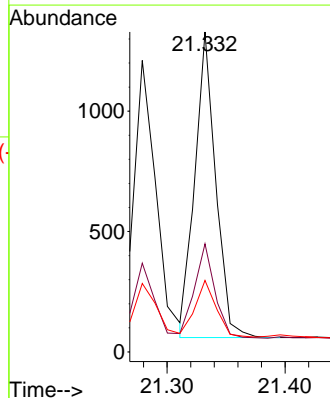
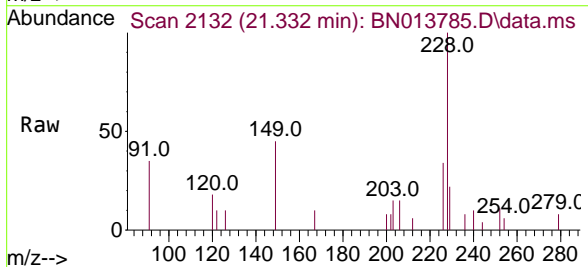
Instrument :
 BNA_N
 ClientSampled :
 EB-01-022521

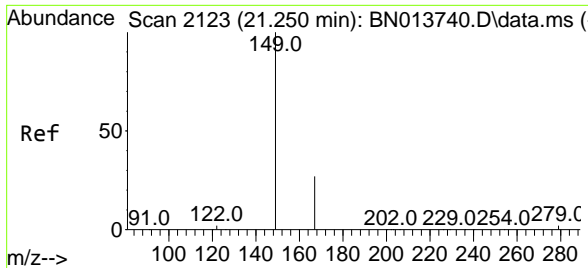
Tgt Ion	Resp	Lower	Upper
228	1536		
226	30.5	20.5	30.7
229	23.5	16.2	24.4



#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	Resp	Lower	Upper
228	1554		
226	33.8	24.3	36.5
229	22.3	15.1	22.7

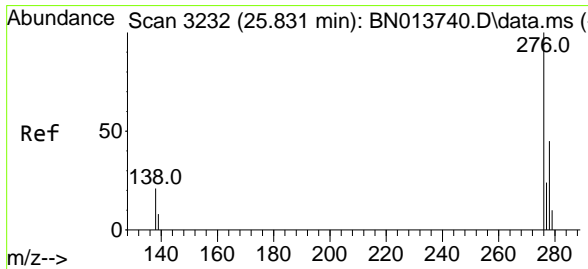
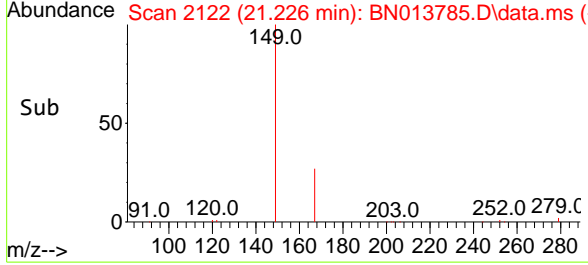
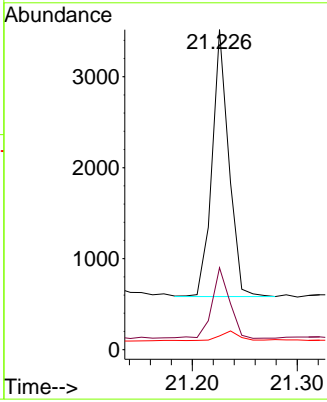
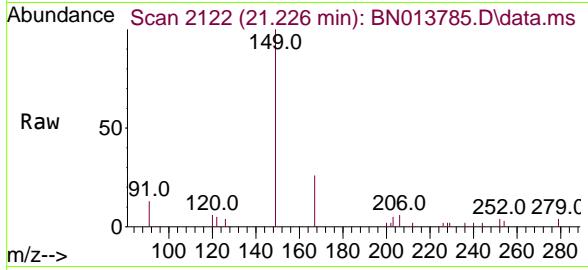




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 21.226 min Scan# 2122
 Delta R.T. -0.011 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

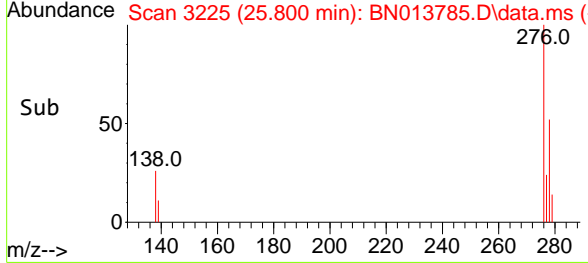
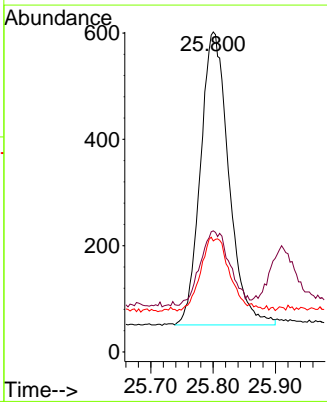
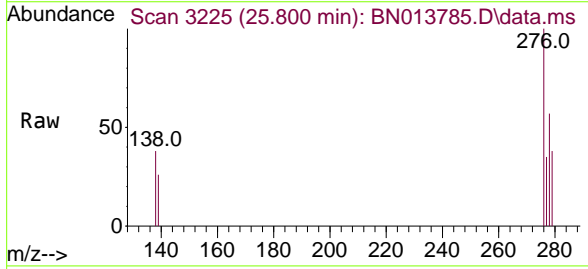
Instrument :
 BNA_N
ClientSampled :
 EB-01-022521

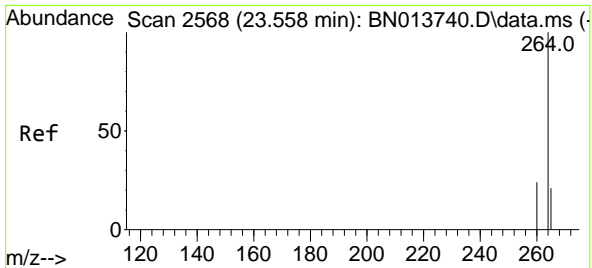
Tgt Ion	Resp	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.5	3.5	5.3



#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

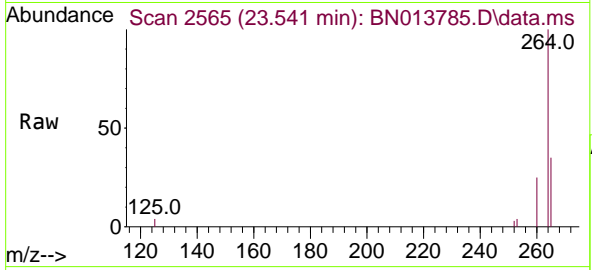
Tgt Ion	Resp	Lower	Upper
276	100		
138	26.5	19.8	29.6
277	25.3	19.9	29.9



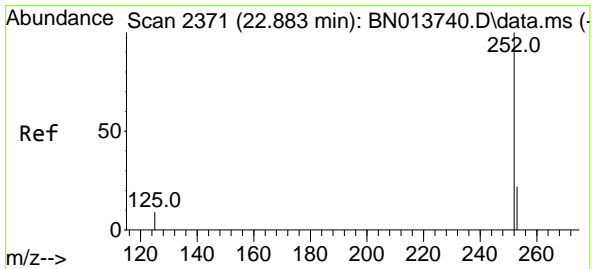
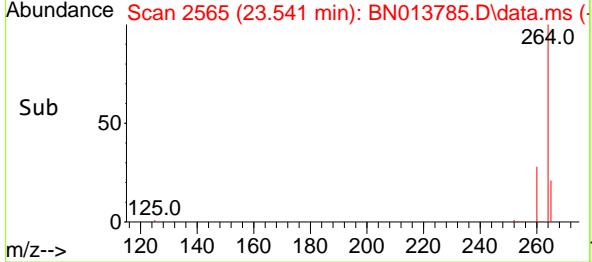
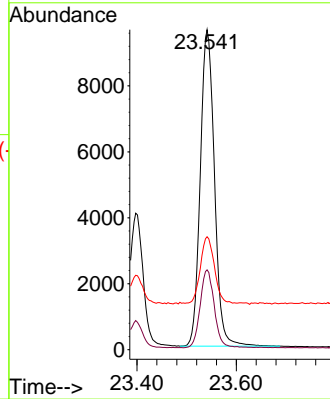


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.541 min Scan# 2565
 Delta R.T. -0.010 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

Instrument :
 BNA_N
 ClientSampled :
 EB-01-022521

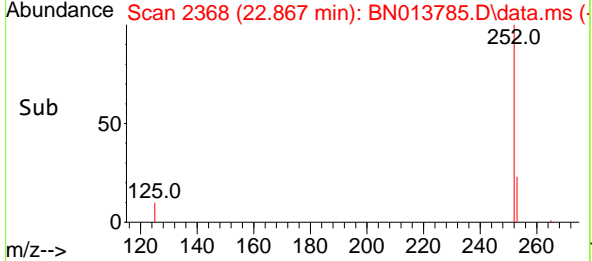
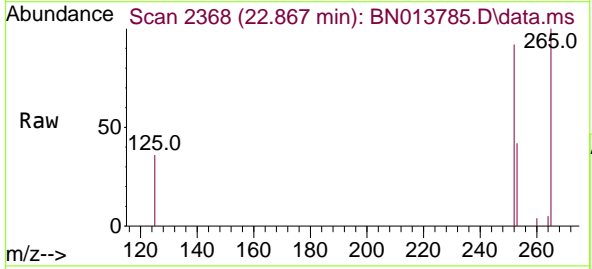
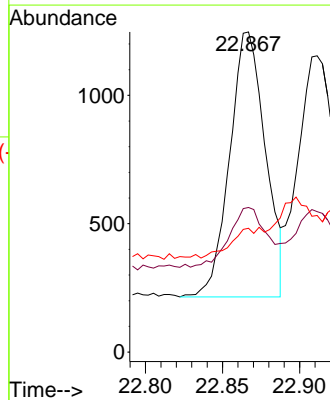


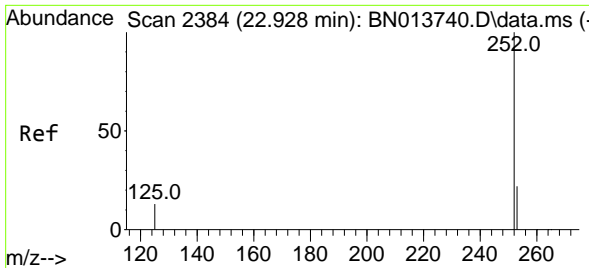
Tgt Ion:264 Resp: 19013
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 35.3 66.2 99.4#



#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#



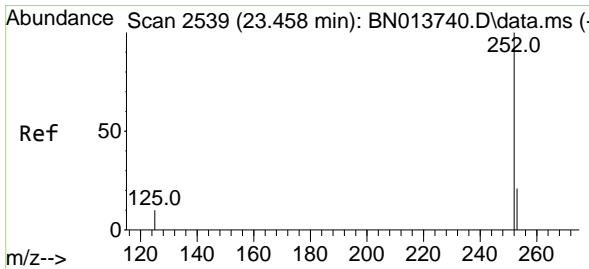
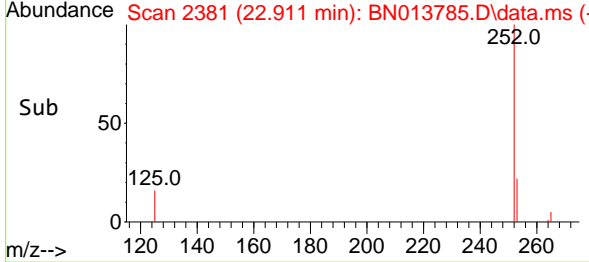
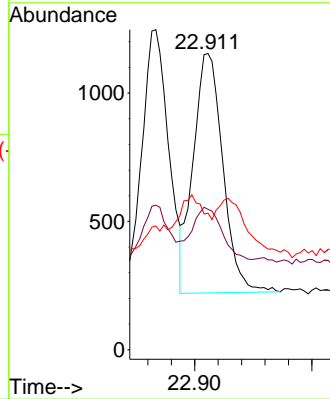
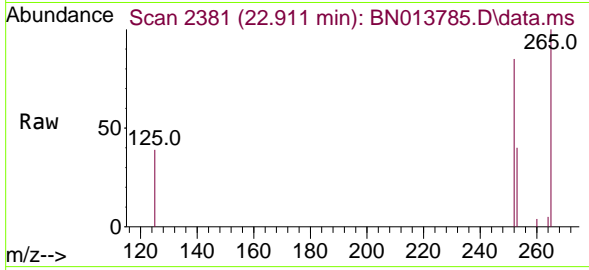


#38
 Benzo(k)fluoranthene
 Concen: 0.03 ng
 RT: 22.911 min Scan# 2381
 Delta R.T. -0.010 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

Instrument :
 BNA_N
 ClientSampled :
 EB-01-022521

Tgt Ion:252 Resp: 1641

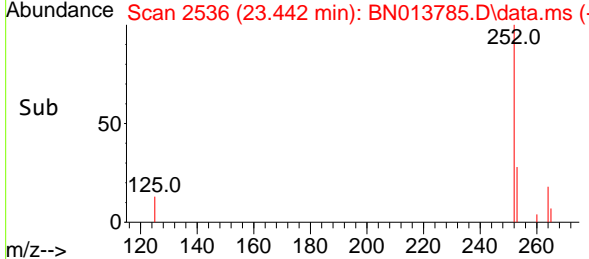
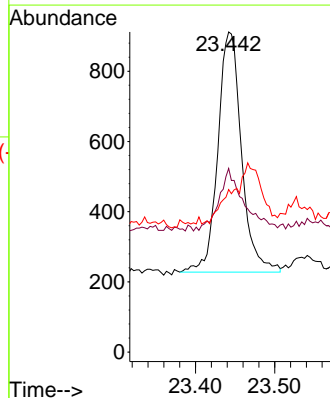
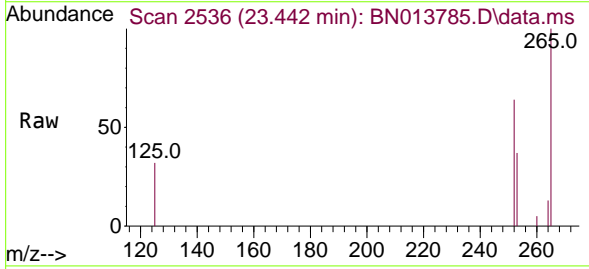
Ion	Ratio	Lower	Upper
252	100		
253	47.4	20.5	30.7#
125	46.1	12.3	18.5#

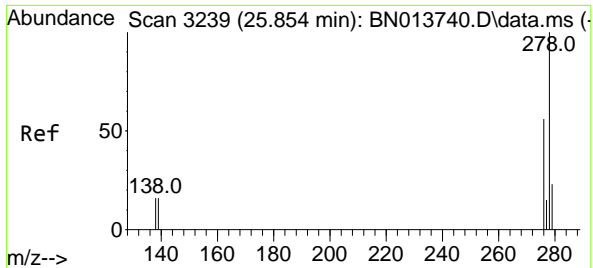


#39
 Benzo(a)pyrene
 Concen: 0.03 ng
 RT: 23.442 min Scan# 2536
 Delta R.T. -0.014 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

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#



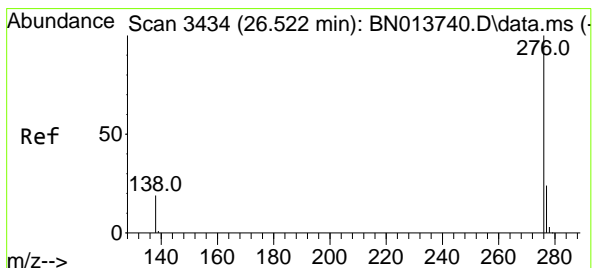
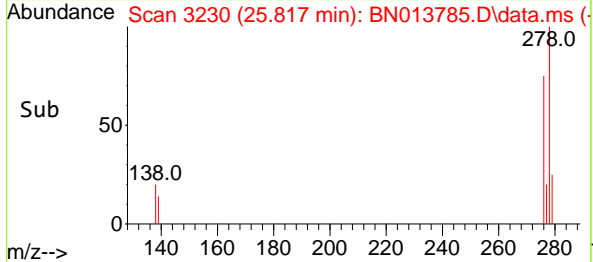
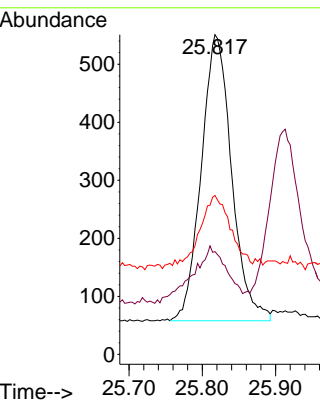
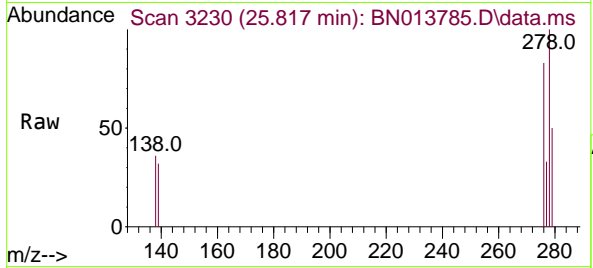


#40
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng
 RT: 25.817 min Scan# 3230
 Delta R.T. -0.021 min
 Lab File: BN013785.D
 Acq: 26 Feb 2021 16:10

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#

