

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033121\
 Data File : BN014153.D
 Acq On : 31 Mar 2021 21:17
 Operator : CG/JU
 Sample : M1842-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20210323

Quant Time: Apr 01 01:25:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

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

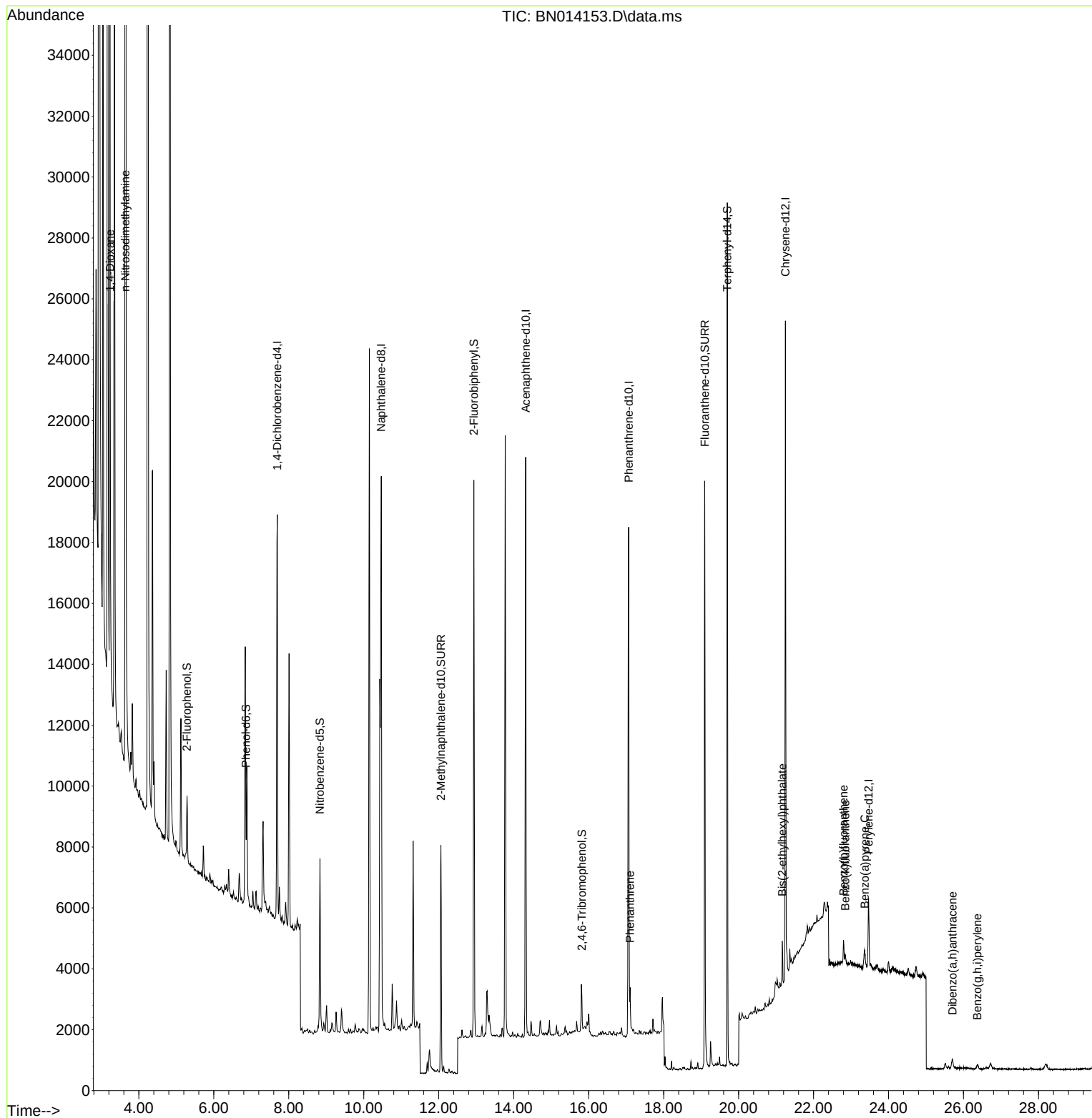
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	6317	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	23942	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	10591	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	24950	0.40	ng	0.00
29) Chrysene-d12	21.250	240	19738	0.40	ng	0.00
36) Perylene-d12	23.468	264	3037	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	1582	0.10	ng	0.00
5) Phenol-d6	6.854	99	1101	0.05	ng	0.00
8) Nitrobenzene-d5	8.832	82	4486	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	10109	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1172	0.34	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	15186	0.38	ng	0.00
27) Fluoranthene-d10	19.099	212	22245	0.34	ng	0.00
31) Terphenyl-d14	19.699	244	28458	0.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.230	88	16634	2.05	ng	# 93
3) n-Nitrosodimethylamine	3.641	42	3521	0.56	ng	# 1
25) Phenanthrene	17.104	178	1462	0.02	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.165	149	1556	0.09	ng	# 93
37) Benzo(b)fluoranthene	22.801	252	555	0.05	ng	# 1
38) Benzo(k)fluoranthene	22.846	252	372	0.04	ng	# 1
39) Benzo(a)pyrene	23.366	252	236	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.704	278	343	0.04	ng	# 1
41) Benzo(g,h,i)perylene	26.368	276	306	0.03	ng	# 4

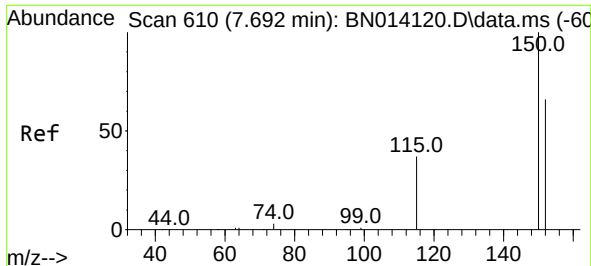
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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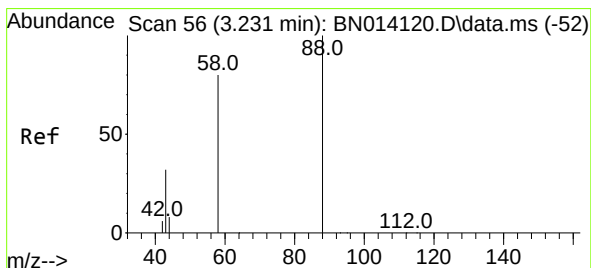
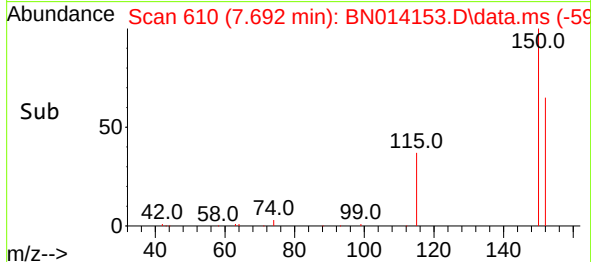
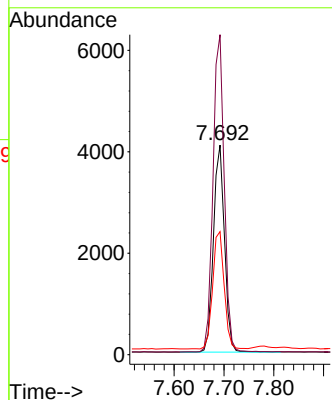
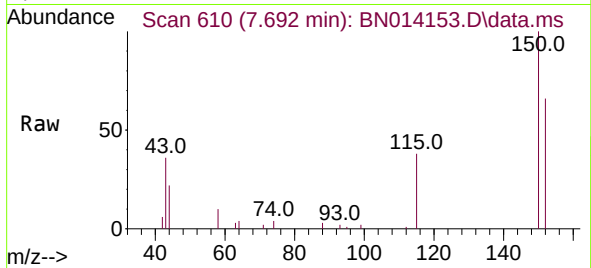




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014153.D
 Acq: 31 Mar 2021 21:17

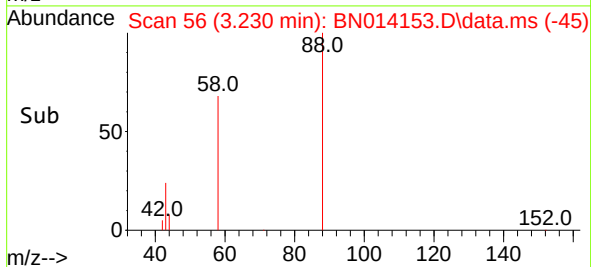
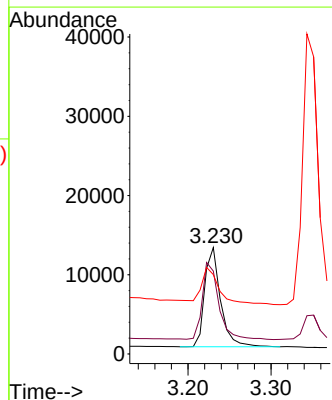
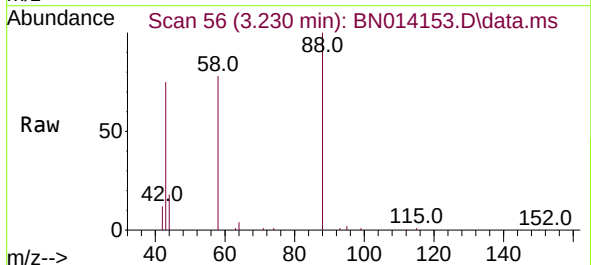
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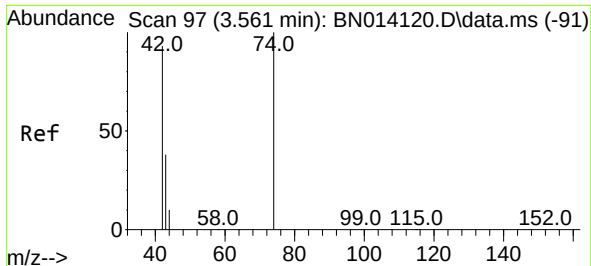
Tgt Ion:152 Resp: 6317
 Ion Ratio Lower Upper
 152 100
 150 152.6 121.2 181.8
 115 58.7 46.2 69.2



#2
 1,4-Dioxane
 Concen: 2.05 ng
 RT: 3.230 min Scan# 56
 Delta R.T. -0.008 min
 Lab File: BN014153.D
 Acq: 31 Mar 2021 21:17

Tgt Ion: 88 Resp: 16634
 Ion Ratio Lower Upper
 88 100
 58 80.3 63.1 94.7
 43 43.1 26.2 39.2#

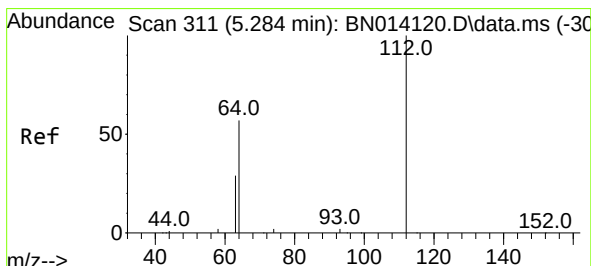
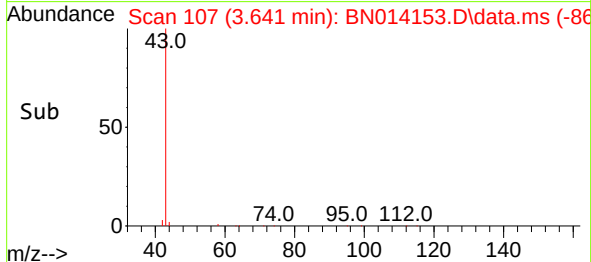
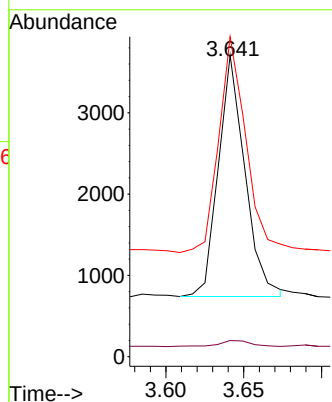
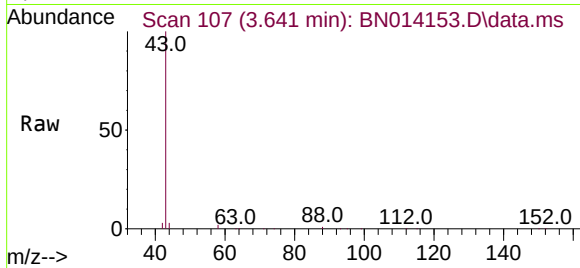




#3
n-Nitrosodimethylamine
Concen: 0.56 ng
RT: 3.641 min Scan# 107
Delta R.T. 0.072 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

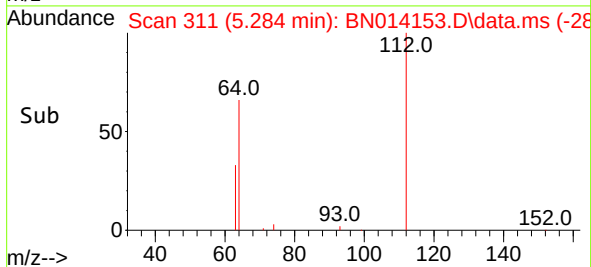
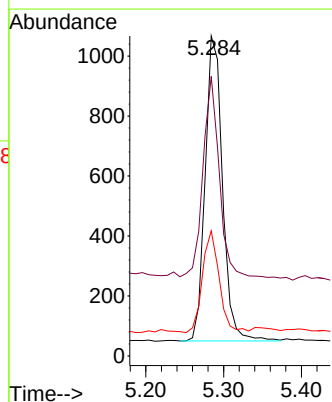
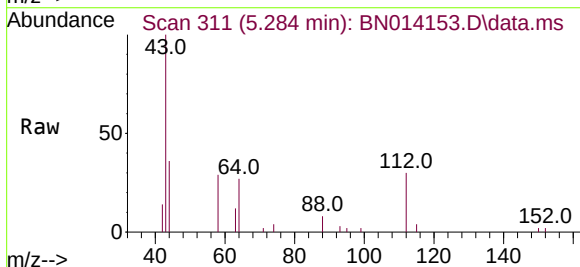
Instrument :
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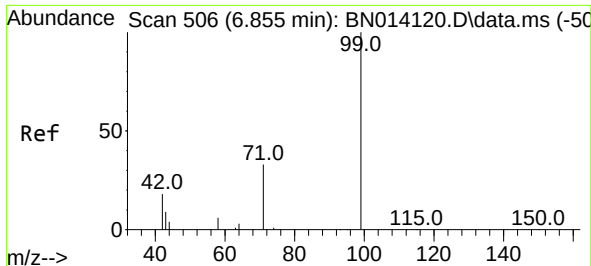
Tgt Ion: 42 Resp: 3521
Ion Ratio Lower Upper
42 100
74 3.0 94.6 141.8#
44 91.0 4.2 6.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion: 112 Resp: 1582
Ion Ratio Lower Upper
112 100
64 66.1 48.3 72.5
63 31.8 25.4 38.0

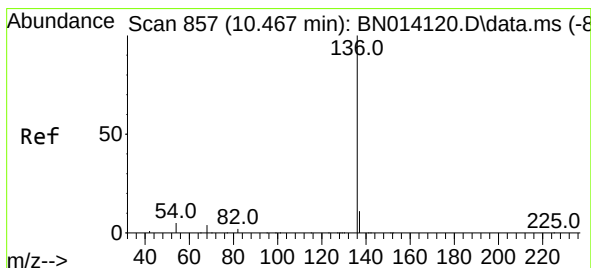
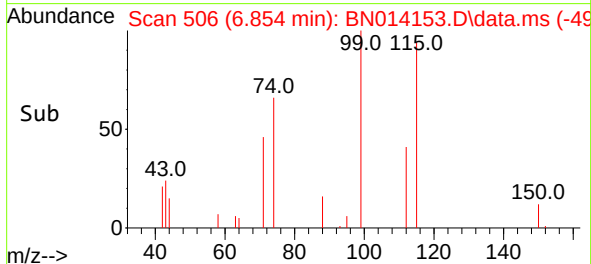
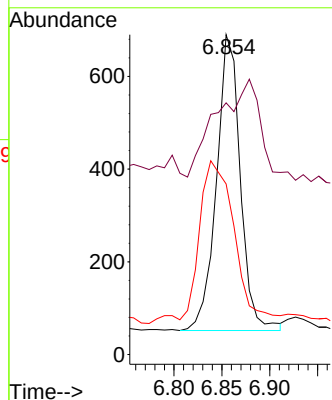
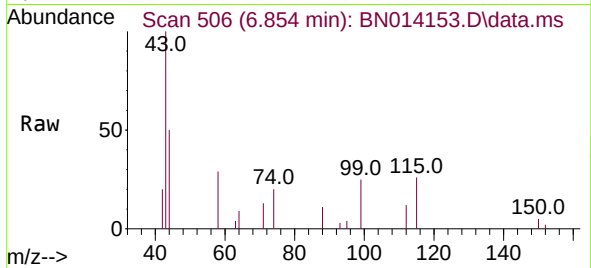




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.854 min Scan# 506
Delta R.T. -0.000 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

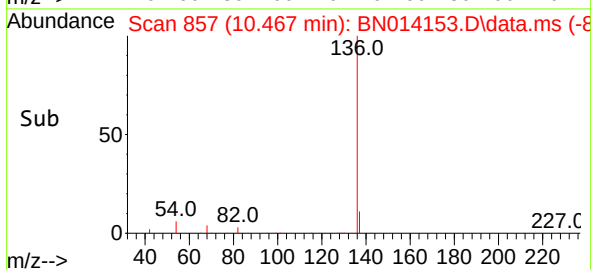
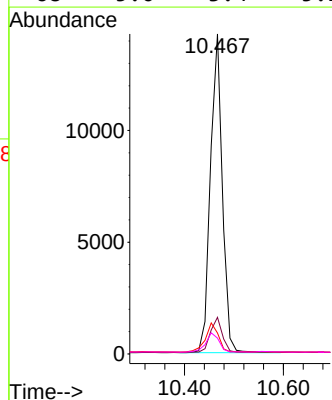
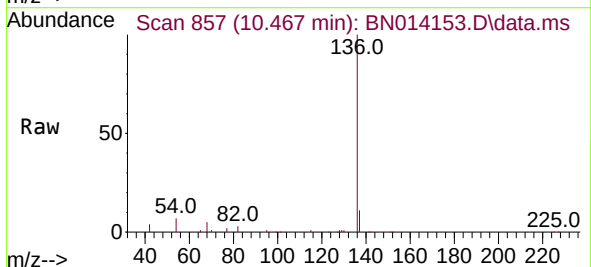
Instrument :
BNA_N
ClientSampleId :
RE109D2-20210323

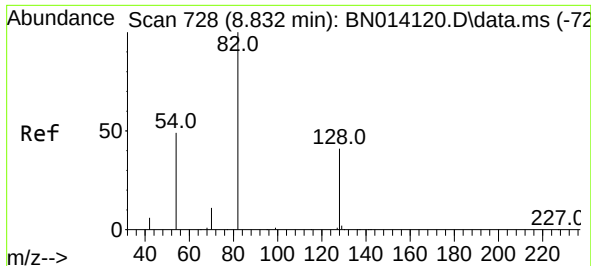
Tgt Ion: 99 Resp: 1101
Ion Ratio Lower Upper
99 100
42 0.0 18.2 27.4#
71 75.6 26.7 40.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion: 136 Resp: 23942
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 6.5 4.3 6.5#
68 5.0 3.4 5.2

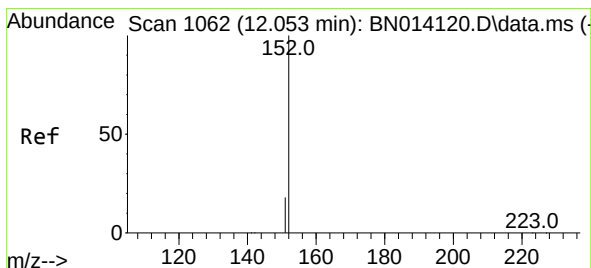
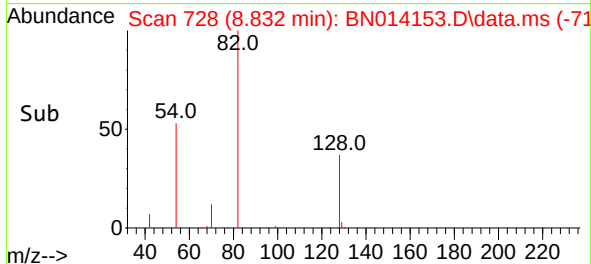
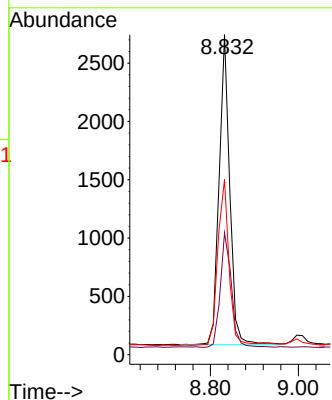
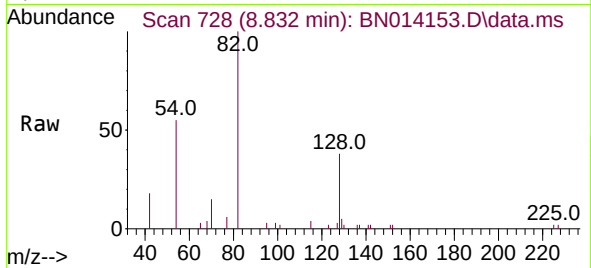




#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

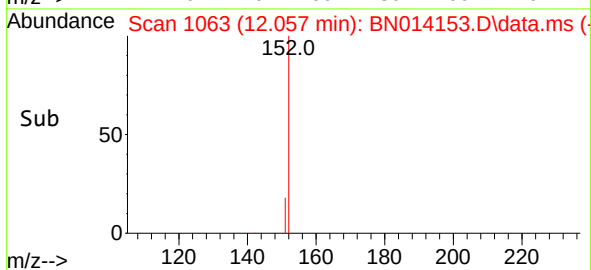
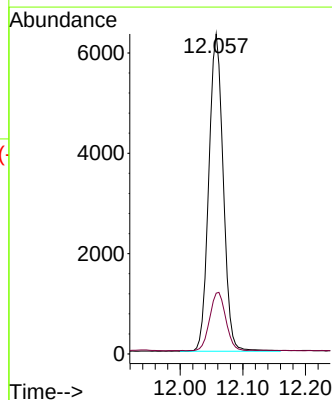
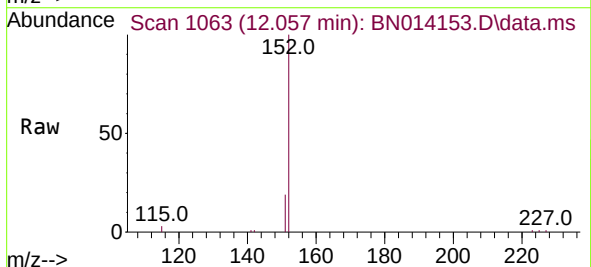
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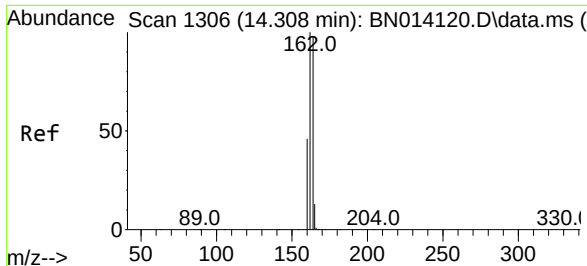
Tgt Ion:	82	Resp:	4486
Ion	Ratio	Lower	Upper
82	100		
128	38.1	33.5	50.3
54	54.8	40.3	60.5



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion:	152	Resp:	10109
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1

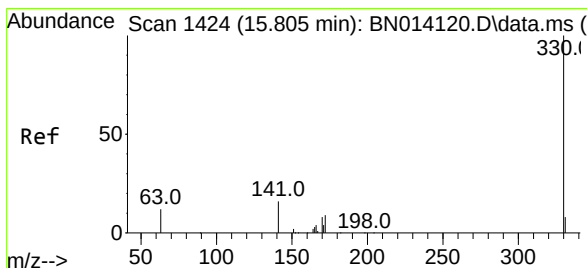
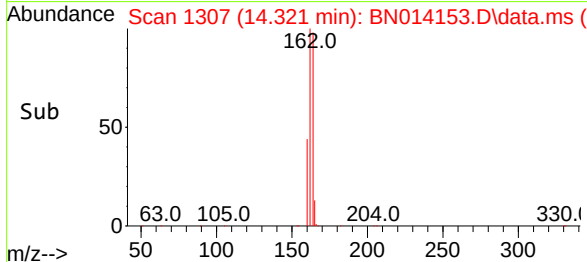
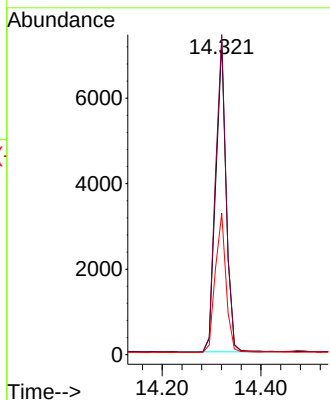
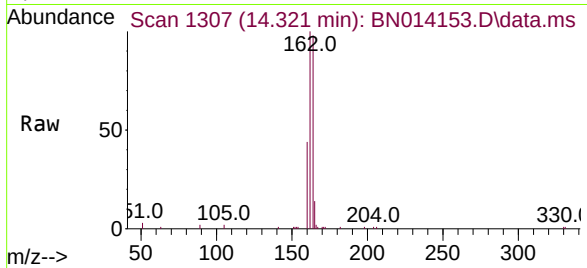




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

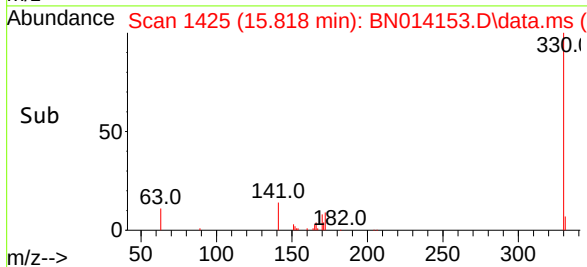
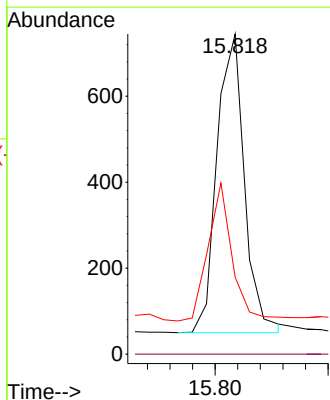
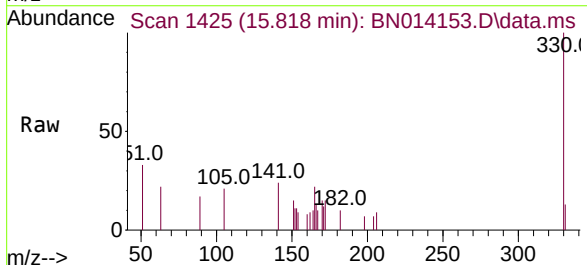
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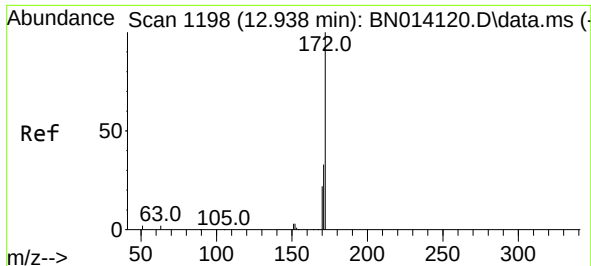
Tgt Ion:164	Resp:	10591
Ion Ratio	Lower	Upper
164	100	
162	102.3	81.4 122.2
160	45.2	37.5 56.3



#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.012 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion:330	Resp:	1172
Ion Ratio	Lower	Upper
330	100	
332	0.0	0.0 0.0
141	40.5	31.2 46.8

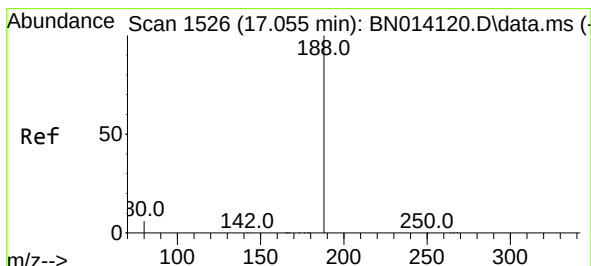
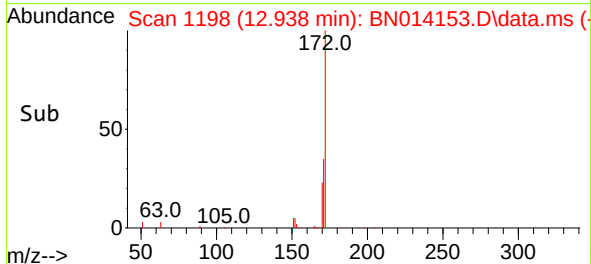
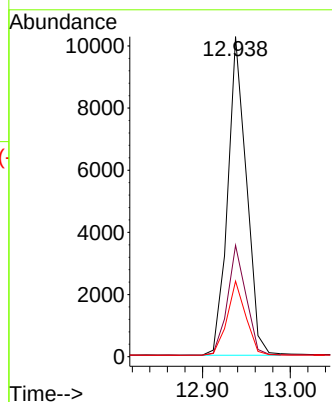
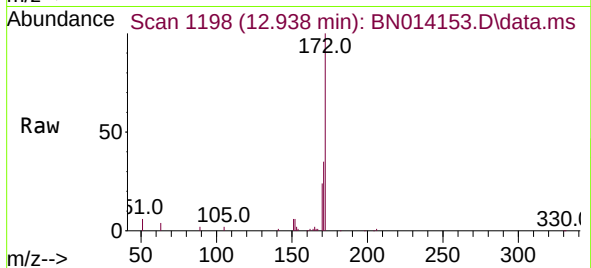




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

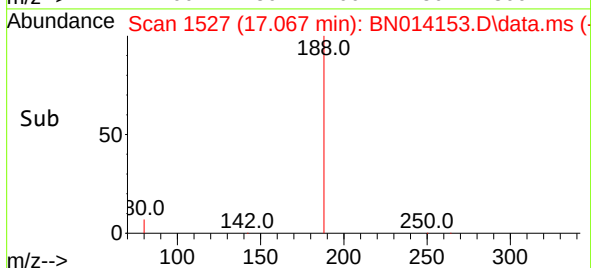
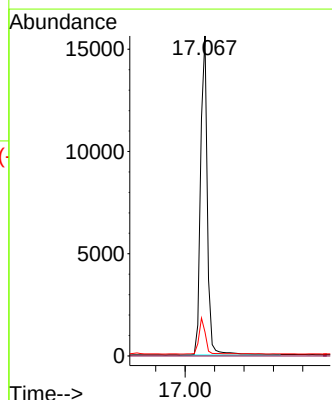
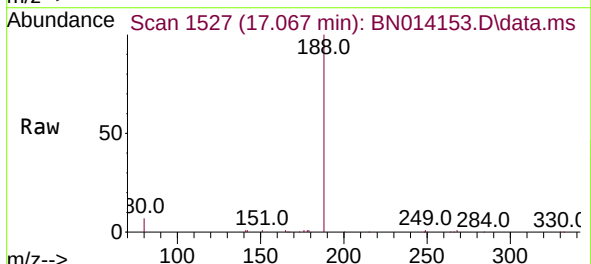
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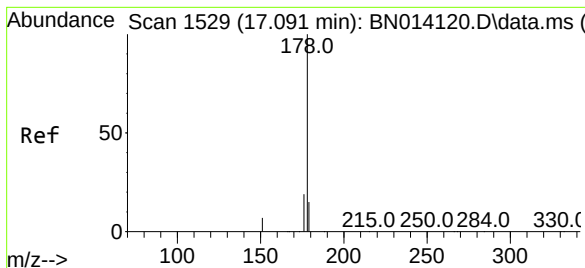
Tgt Ion:172 Resp: 15186
Ion Ratio Lower Upper
172 100
171 34.8 26.9 40.3
170 23.6 17.8 26.8



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion:188 Resp: 24950
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 5.2 7.8

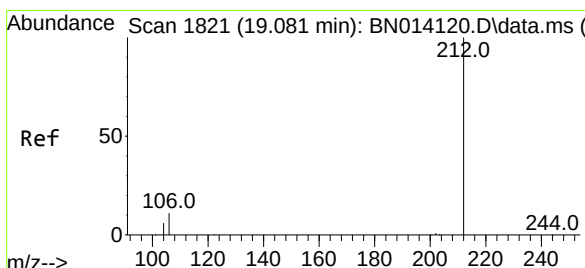
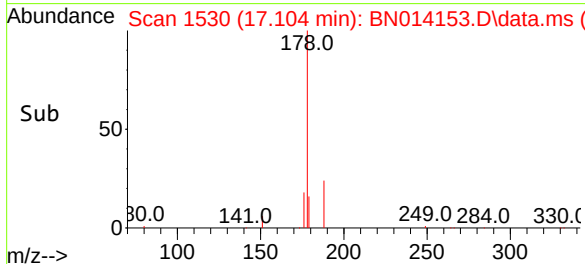
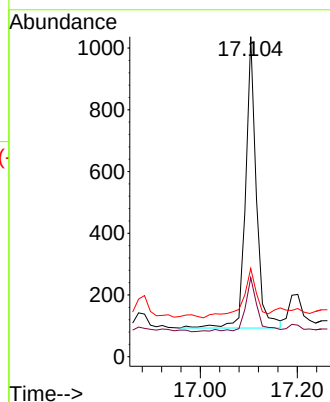
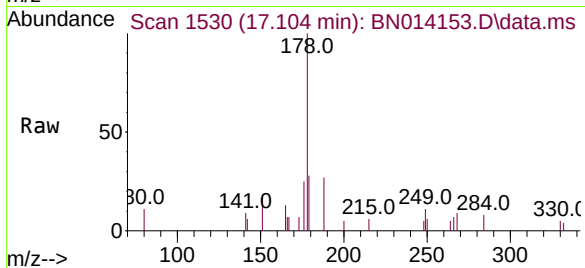




#25
Phenanthrene
Concen: 0.02 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

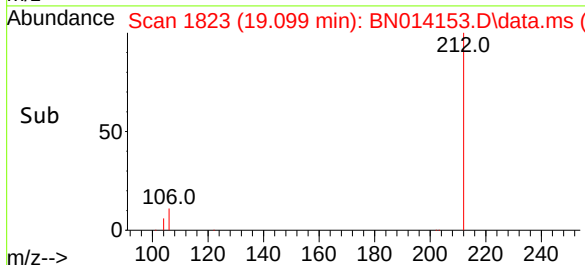
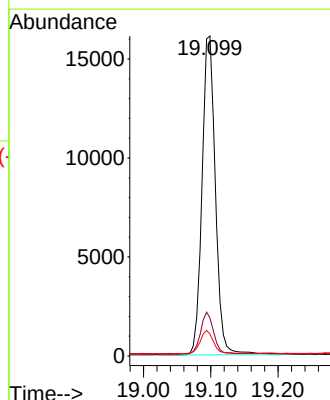
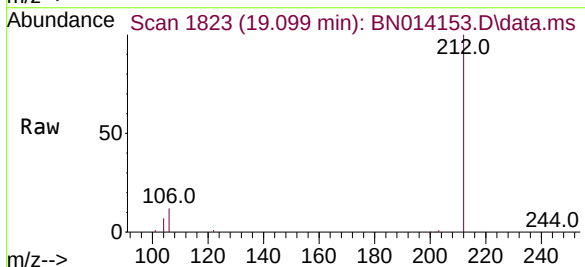
Instrument :
BNA_N
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RE109D2-20210323

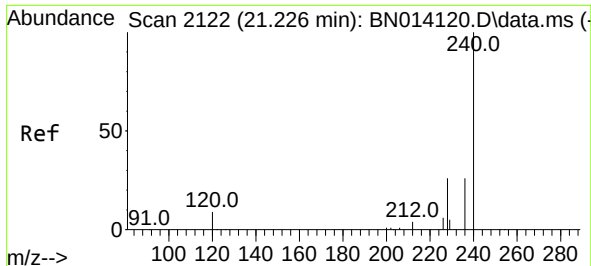
Tgt Ion:	178	Resp:	1462
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.0	22.6
179	22.1	12.4	18.6#



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.099 min Scan# 1823
Delta R.T. 0.002 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion:	212	Resp:	22245
Ion Ratio	Lower	Upper	
212	100		
106	12.4	10.1	15.1
104	7.3	5.5	8.3

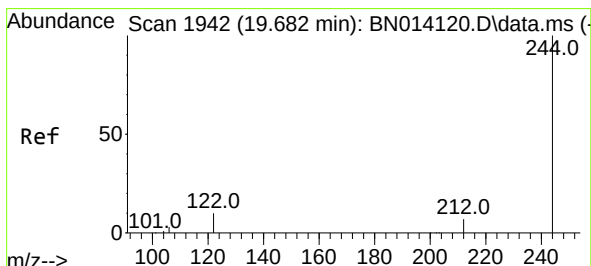
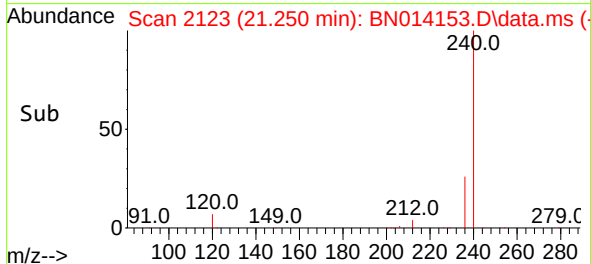
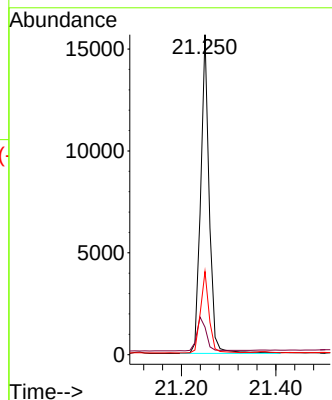
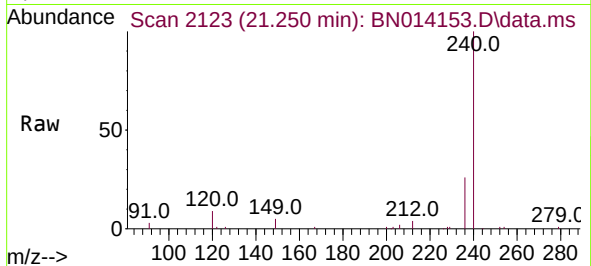




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.250 min Scan# 2123
Delta R.T. 0.002 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

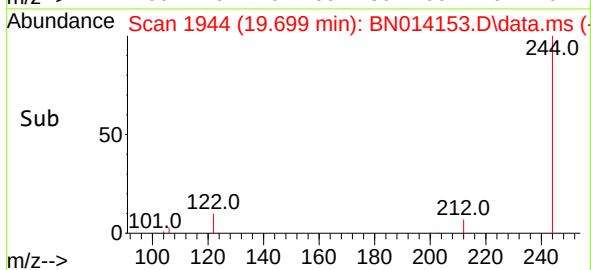
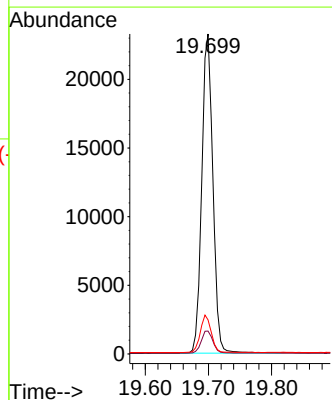
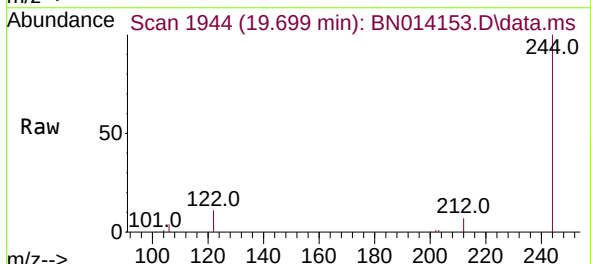
Instrument :
BNA_N
ClientSampleId :
RE109D2-20210323

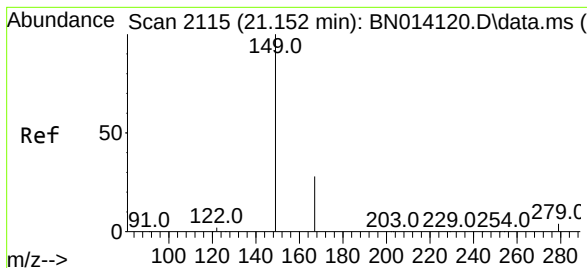
Tgt Ion:240 Resp: 19738
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 26.0 21.0 31.6



#31
Terphenyl-d14
Concen: 0.63 ng
RT: 19.699 min Scan# 1944
Delta R.T. 0.002 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion:244 Resp: 28458
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.7 8.6 13.0

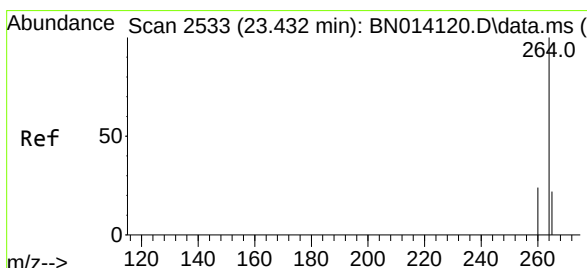
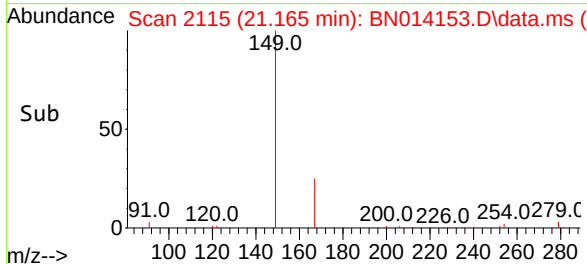
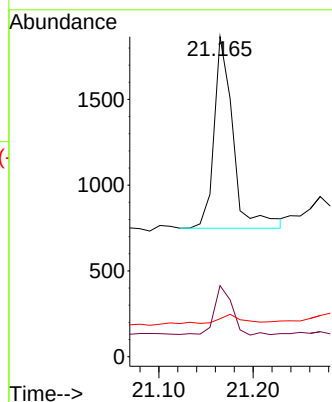
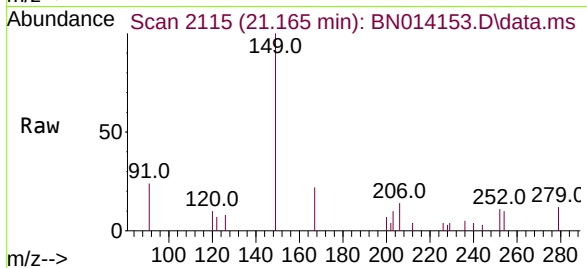




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.165 min Scan# 2115
 Delta R.T. -0.008 min
 Lab File: BN014153.D
 Acq: 31 Mar 2021 21:17

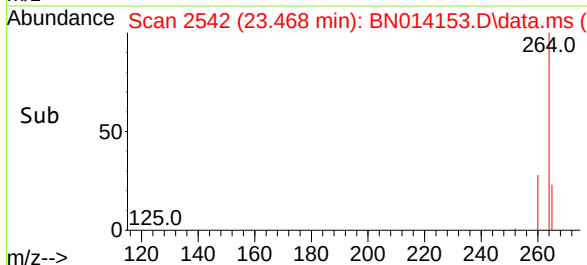
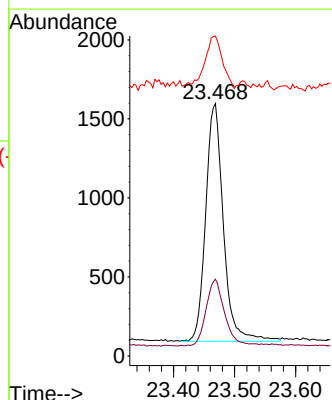
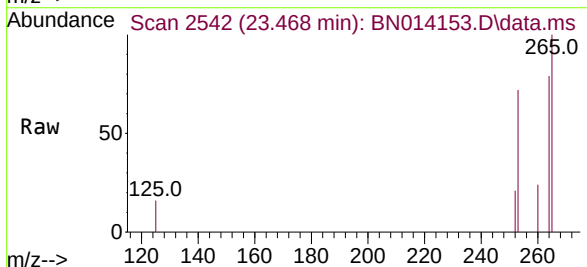
Instrument :
 BNA_N
 ClientSampleId :
 RE109D2-20210323

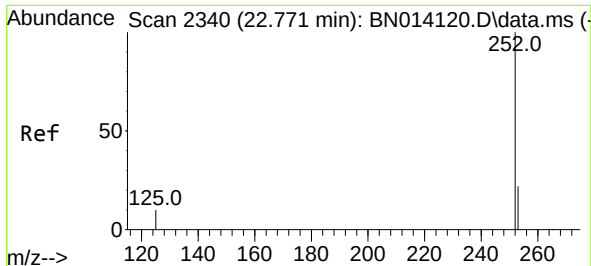
Tgt Ion:149 Resp: 1556
 Ion Ratio Lower Upper
 149 100
 167 23.5 21.4 32.2
 279 7.6 3.5 5.3#



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.468 min Scan# 2542
 Delta R.T. 0.002 min
 Lab File: BN014153.D
 Acq: 31 Mar 2021 21:17

Tgt Ion:264 Resp: 3037
 Ion Ratio Lower Upper
 264 100
 260 30.4 19.8 29.8#
 265 126.7 30.7 46.1#

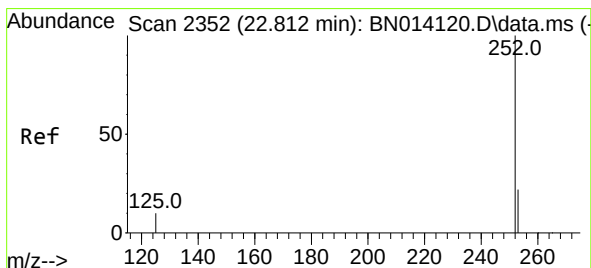
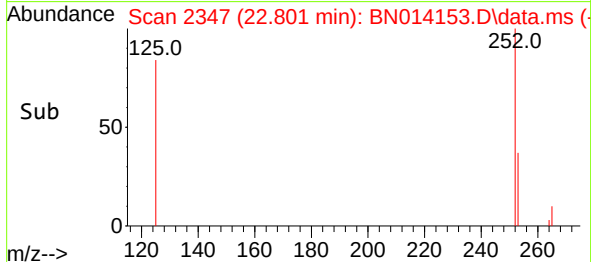
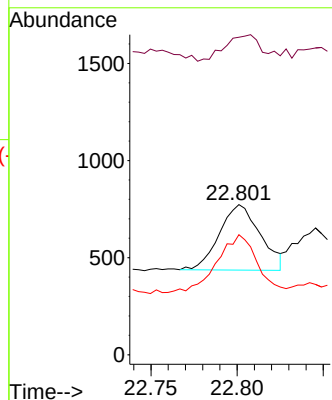
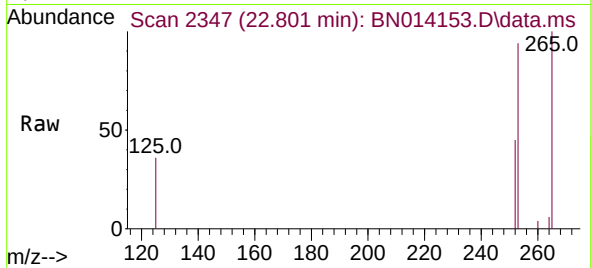




#37
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 22.801 min Scan# 2347
Delta R.T. -0.001 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

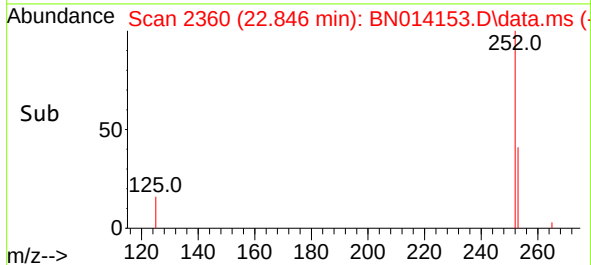
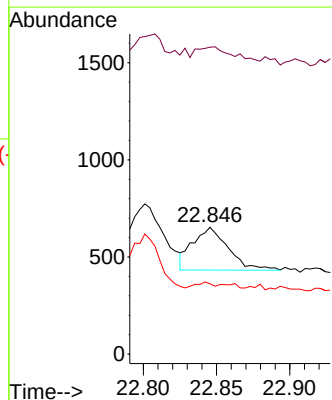
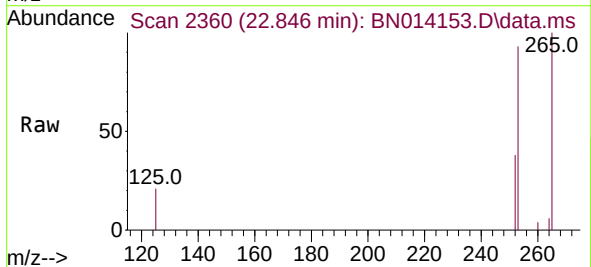
Instrument :
BNA_N
ClientSampleId :
RE109D2-20210323

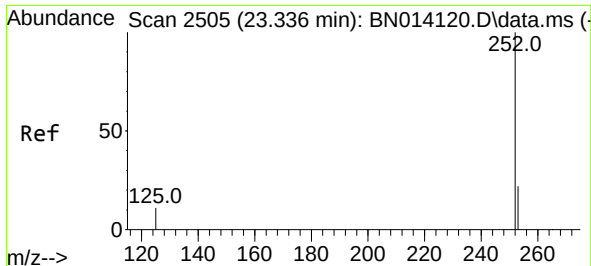
Tgt Ion:252 Resp: 555
Ion Ratio Lower Upper
252 100
253 211.5 20.6 30.8#
125 79.9 9.4 14.2#



#38
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.846 min Scan# 2360
Delta R.T. 0.002 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion:252 Resp: 372
Ion Ratio Lower Upper
252 100
253 242.0 20.6 30.8#
125 55.4 9.5 14.3#

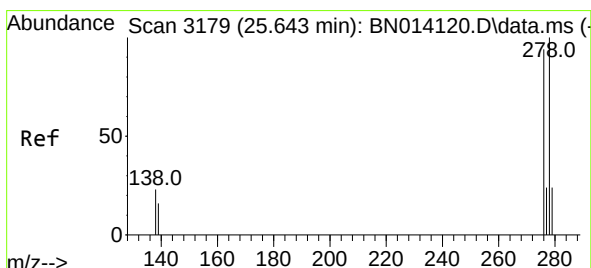
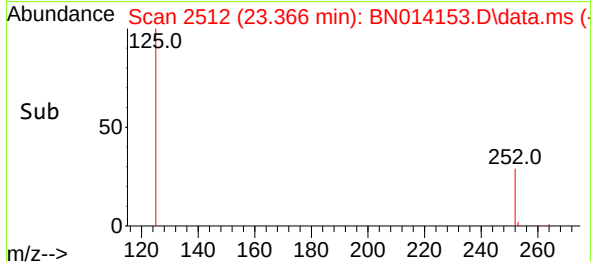
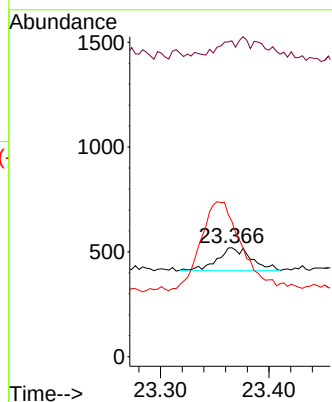
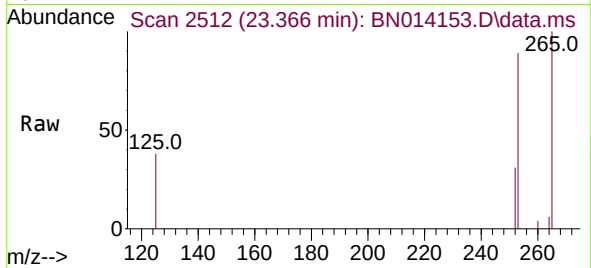




#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.366 min Scan# 2512
Delta R.T. -0.001 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

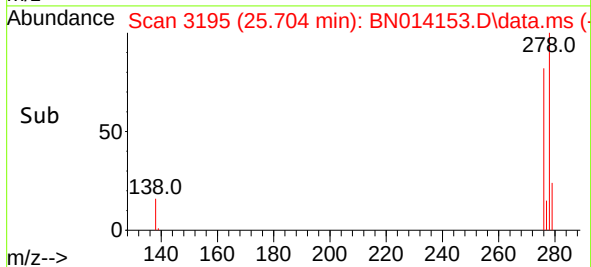
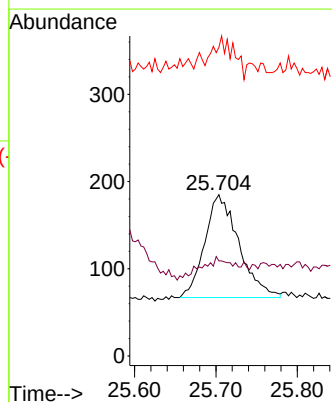
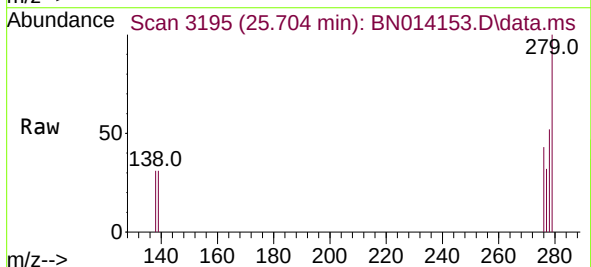
Instrument :
BNA_N
ClientSampleId :
RE109D2-20210323

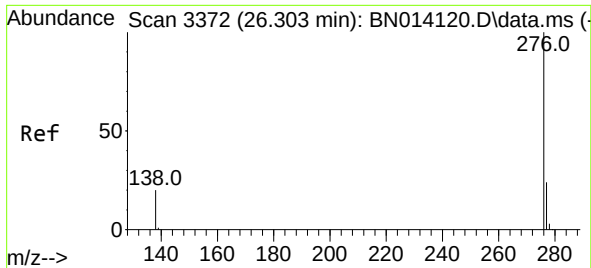
Tgt Ion:252 Resp: 236
Ion Ratio Lower Upper
252 100
253 289.8 21.9 32.9#
125 124.2 10.8 16.2#



#40
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.704 min Scan# 3195
Delta R.T. 0.002 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Tgt Ion:278 Resp: 343
Ion Ratio Lower Upper
278 100
139 58.9 13.4 20.0#
279 191.4 21.3 31.9#





#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.368 min Scan# 3389
Delta R.T. -0.001 min
Lab File: BN014153.D
Acq: 31 Mar 2021 21:17

Instrument :
BNA_N
ClientSampleId :
RE109D2-20210323

Tgt Ion:276 Resp: 306
Ion Ratio Lower Upper
276 100
277 72.7 20.1 30.1#
138 66.9 17.0 25.4#

