

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
 Data File : BN015020.D
 Acq On : 23 Jun 2021 21:53
 Operator : CG/JU
 Sample : M2804-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210621

Quant Time: Jun 24 01:11:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 23 16:24:59 2021
 Response via : Initial Calibration

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

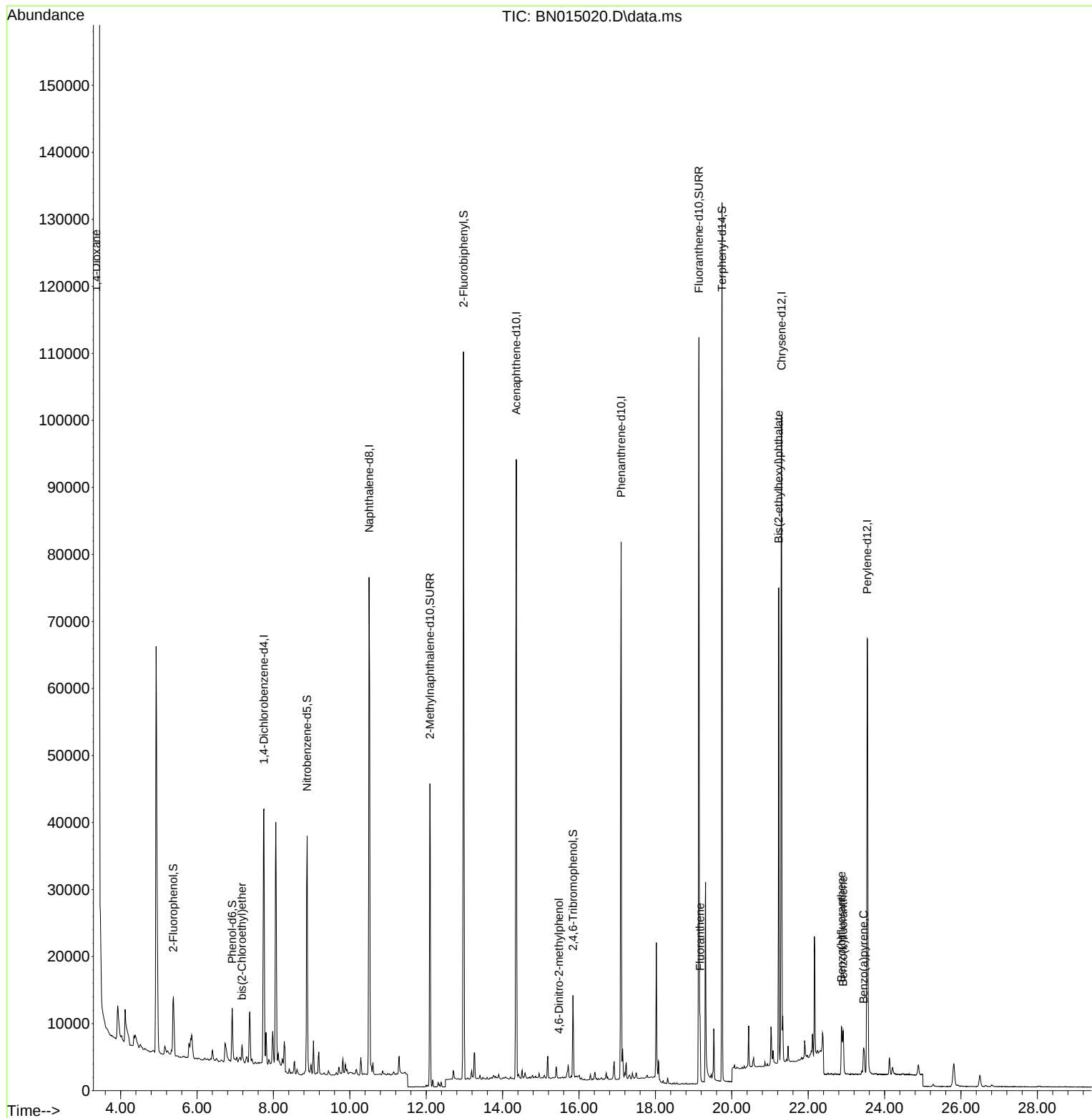
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	22506	0.40	ng	# 0.00
7) Naphthalene-d8	10.505	136	101335	0.40	ng	# 0.00
13) Acenaphthene-d10	14.358	164	54788	0.40	ng	0.00
19) Phenanthrene-d10	17.104	188	105857	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	95316	0.40	ng	# 0.00
35) Perylene-d12	23.547	264	85138	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.380	112	10913	0.16	ng	0.00
5) Phenol-d6	6.920	99	7698	0.09	ng	0.00
8) Nitrobenzene-d5	8.883	82	29968	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.097	152	59837	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	9237	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.975	172	90129	0.43	ng	0.00
27) Fluoranthene-d10	19.138	212	118824	0.36	ng	0.00
31) Terphenyl-d14	19.744	244	126503	0.54	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	68944	7.30	ng	# 70
6) bis(2-Chloroethyl)ether	7.178	93	2454	0.04	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.475	198	14	0.11	ng	# 6
28) Fluoranthene	19.168	202	8131	0.02	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.228	149	56855	0.23	ng	# 88
37) Benzo(b)fluoranthene	22.873	252	9254	0.03	ng	# 83
38) Benzo(k)fluoranthene	22.917	252	7619	0.02	ng	# 76
39) Benzo(a)pyrene	23.448	252	5657	0.02	ng	# 69

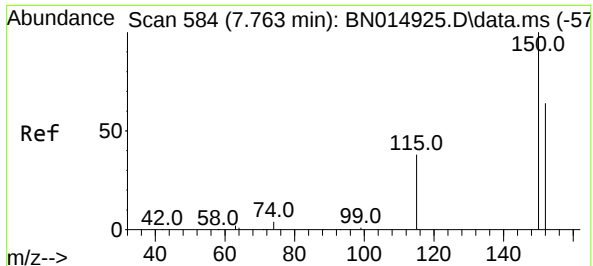
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
Data File : BN015020.D
Acq On : 23 Jun 2021 21:53
Operator : CG/JU
Sample : M2804-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

Quant Time: Jun 24 01:11:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 16:24:59 2021
Response via : Initial Calibration

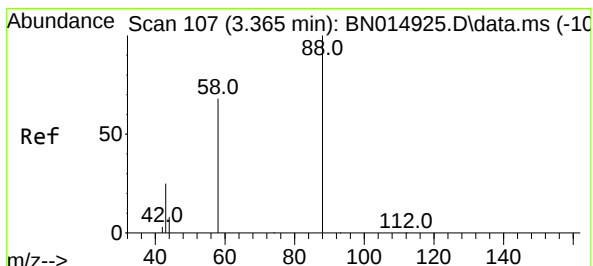
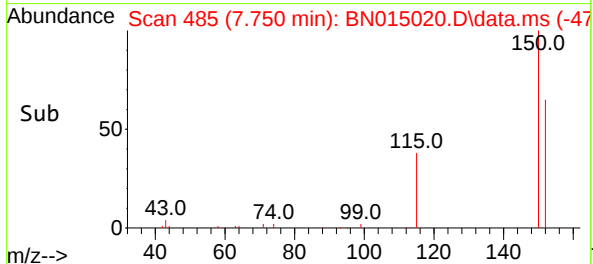
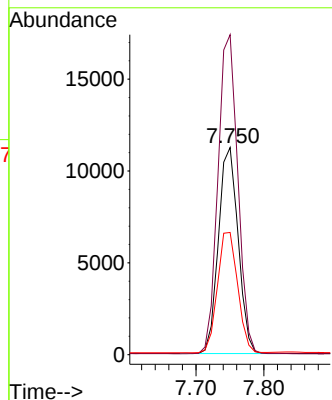
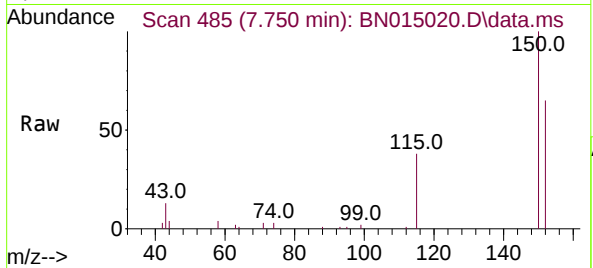




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.750 min Scan# 485
 Delta R.T. 0.000 min
 Lab File: BN015020.D
 Acq: 23 Jun 2021 21:53

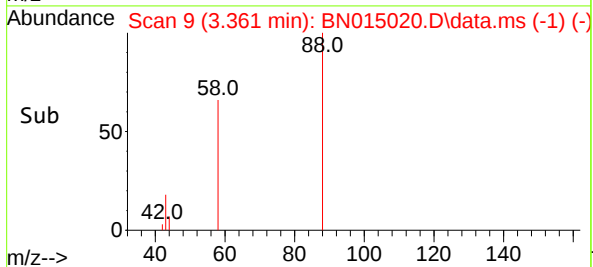
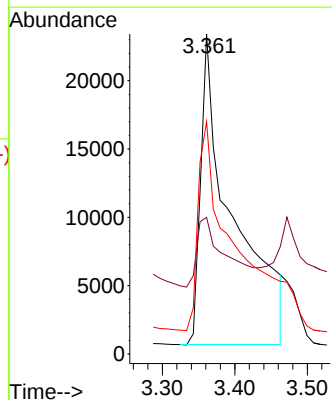
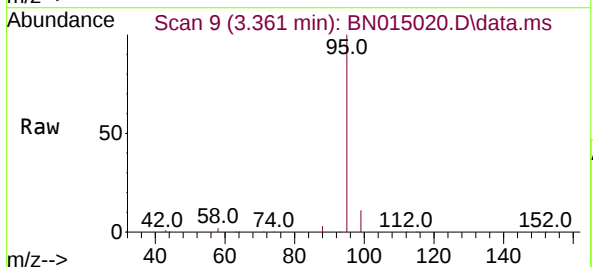
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210621

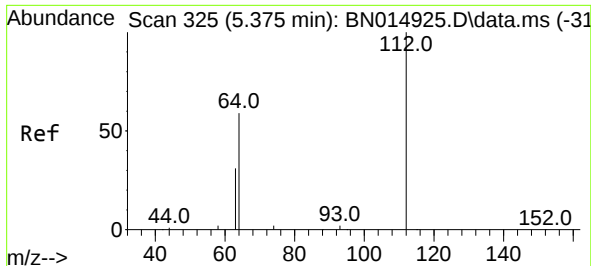
Tgt Ion: 152 Resp: 22506
 Ion Ratio Lower Upper
 152 100
 150 154.4 119.0 178.6
 115 59.0 62.2 93.4#



#2
 1,4-Dioxane
 Concen: 7.30 ng
 RT: 3.361 min Scan# 9
 Delta R.T. 0.009 min
 Lab File: BN015020.D
 Acq: 23 Jun 2021 21:53

Tgt Ion: 88 Resp: 68944
 Ion Ratio Lower Upper
 88 100
 43 20.4 12.9 19.3#
 58 72.4 38.1 57.1#

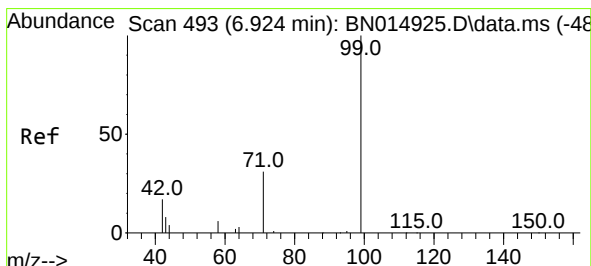
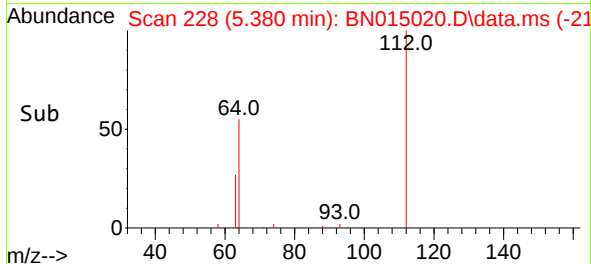
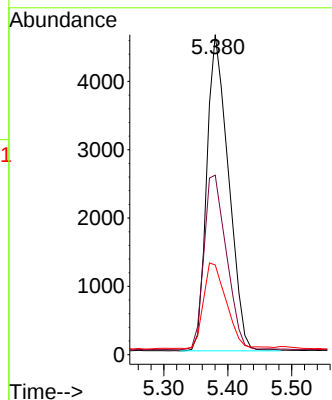
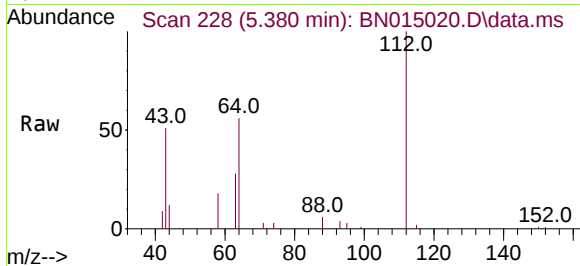




#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.380 min Scan# 228
Delta R.T. 0.009 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

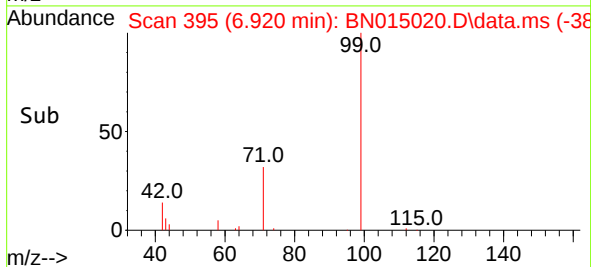
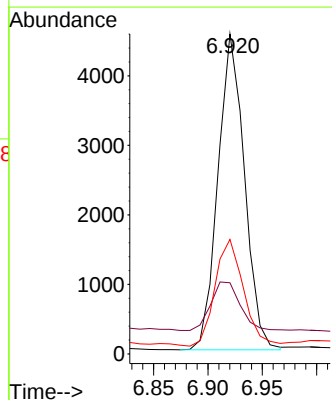
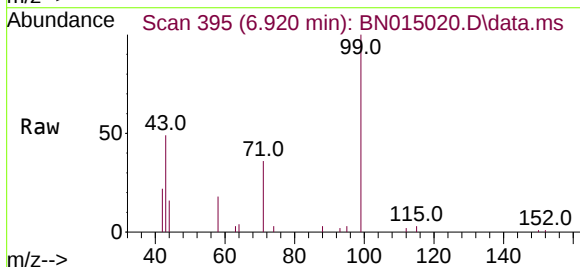
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

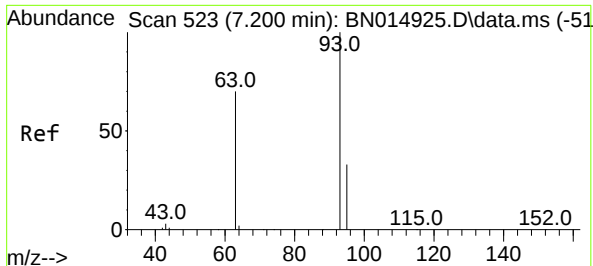
Tgt Ion:112 Resp: 10913
Ion Ratio Lower Upper
112 100
64 57.3 39.0 58.6
63 28.5 20.6 30.8



#5
Phenol-d6
Concen: 0.09 ng
RT: 6.920 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Tgt Ion: 99 Resp: 7698
Ion Ratio Lower Upper
99 100
42 17.0 8.9 13.3#
71 36.3 35.6 53.4

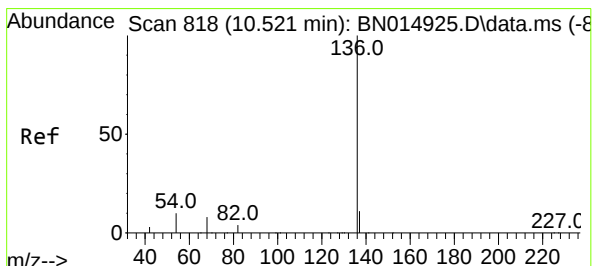
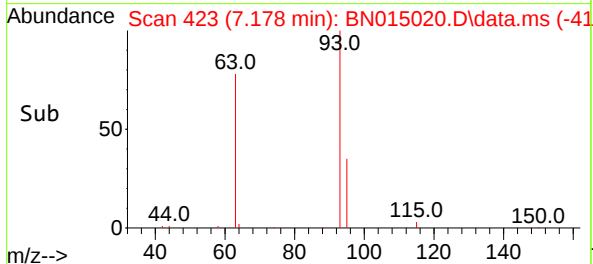
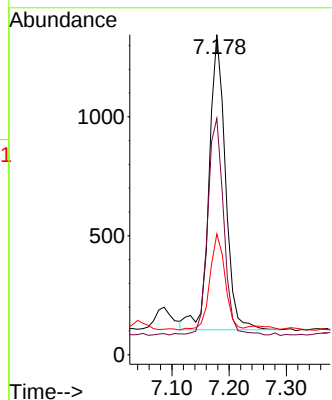
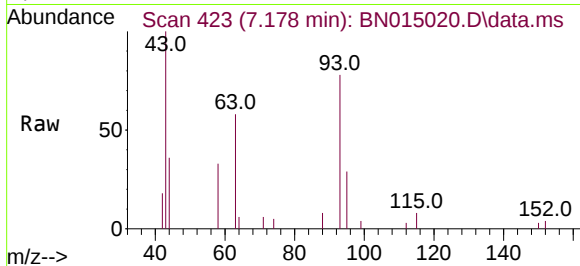




#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.178 min Scan# 423
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

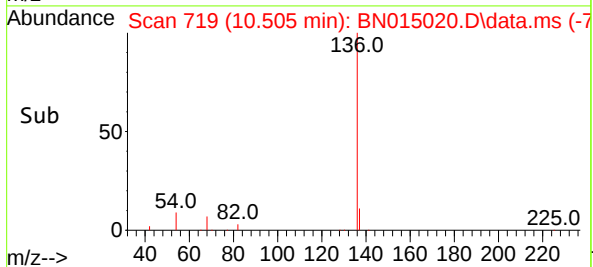
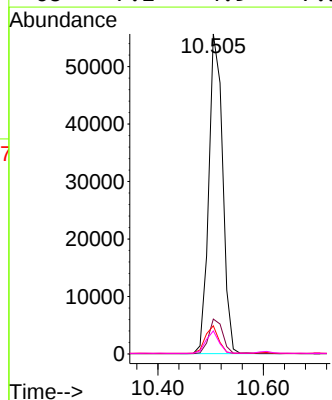
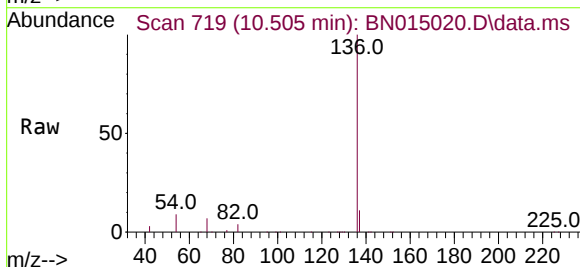
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

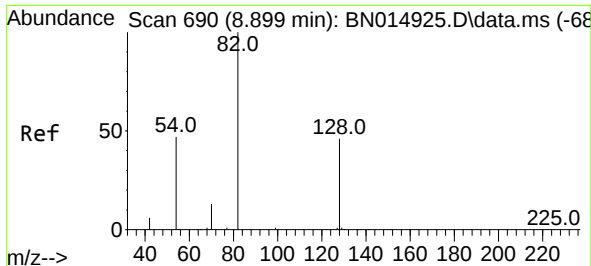
Tgt Ion: 93	Resp:	2454	
Ion	Ratio	Lower	Upper
93	100		
63	72.1	46.6	70.0#
95	30.6	28.6	42.8



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 719
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Tgt	Ion:136	Resp:	101335
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	8.8	5.4	8.2#
68	7.2	4.9	7.3

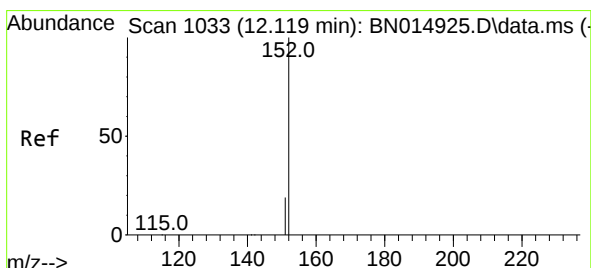
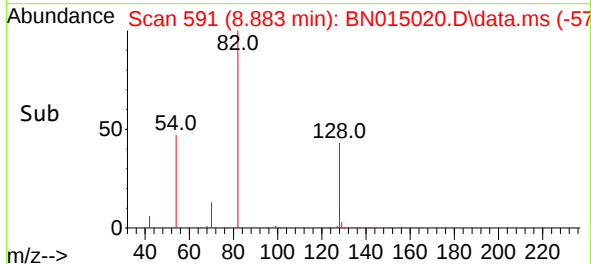
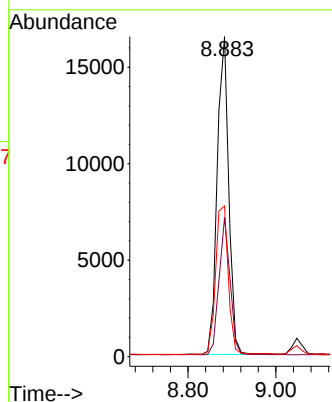
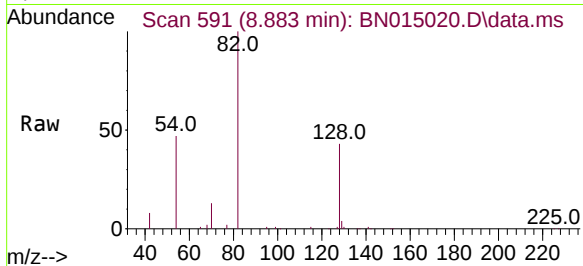




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.883 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

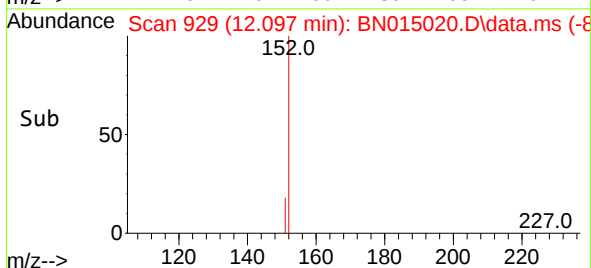
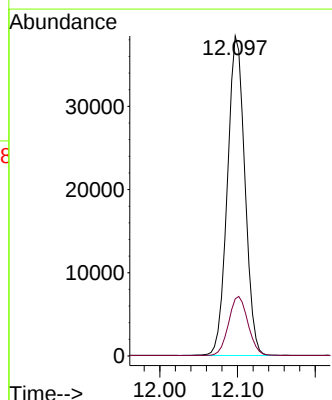
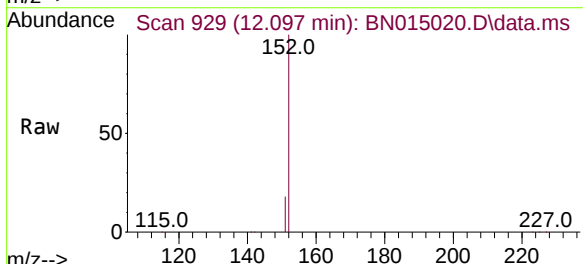
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

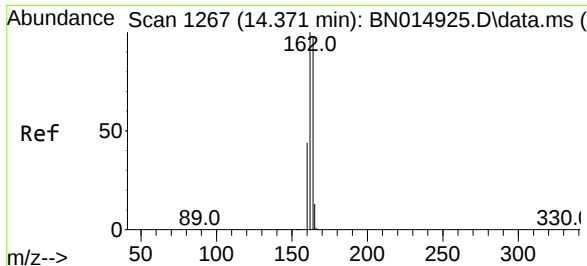
Tgt Ion: 82 Resp: 29968
Ion Ratio Lower Upper
82 100
128 43.5 31.6 47.4
54 47.1 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.34 ng
RT: 12.097 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Tgt Ion: 152 Resp: 59837
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1

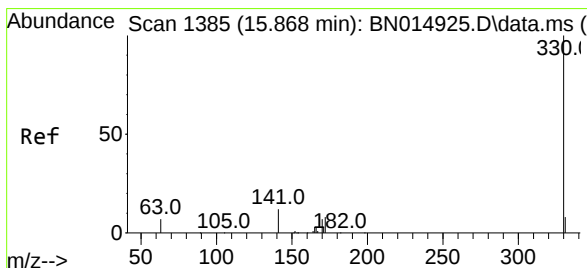
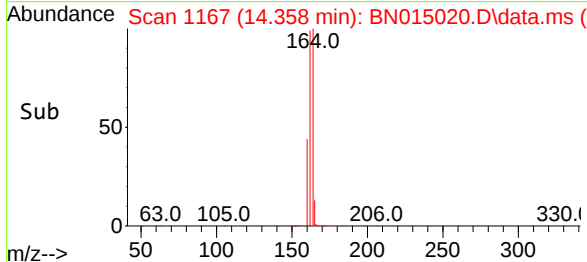
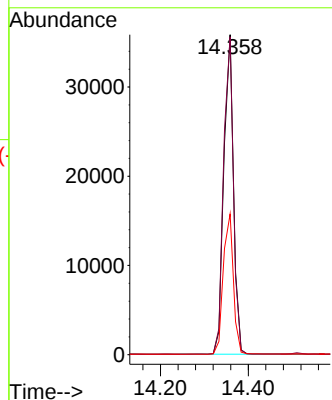
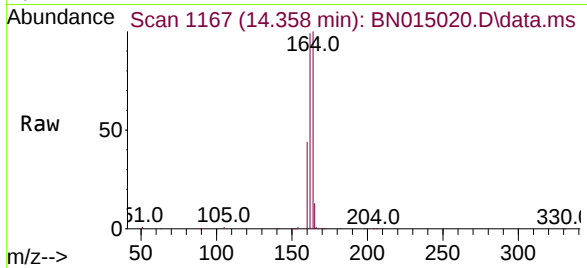




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.358 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

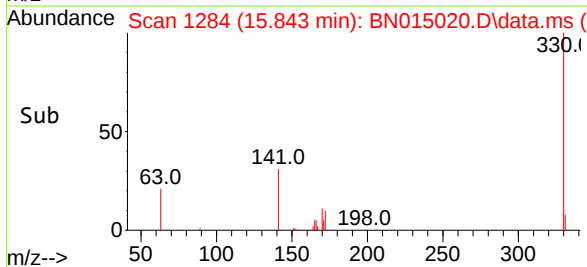
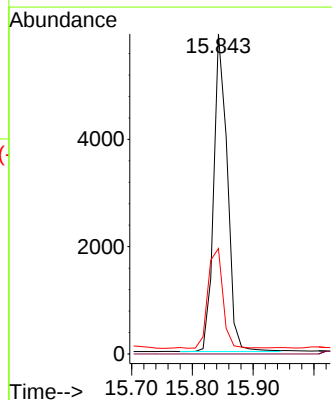
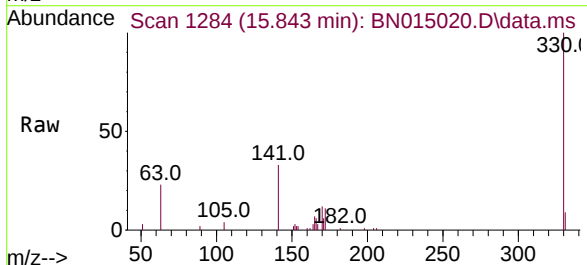
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

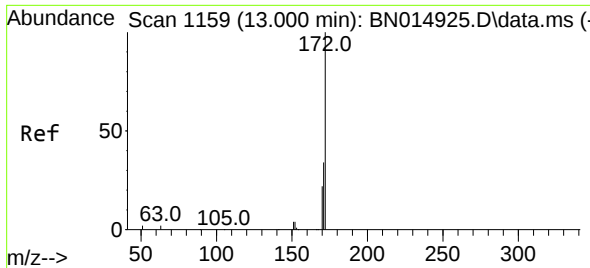
Tgt Ion:164 Resp: 54788
Ion Ratio Lower Upper
164 100
162 99.3 83.8 125.6
160 44.0 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.843 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Tgt Ion:330 Resp: 9237
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 34.2 22.4 33.6#

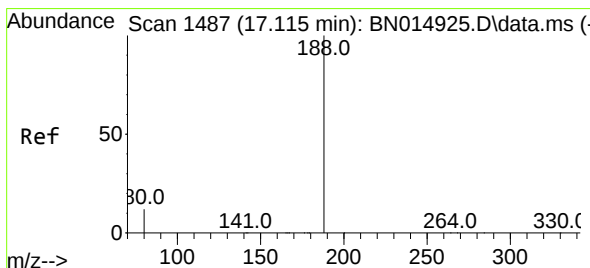
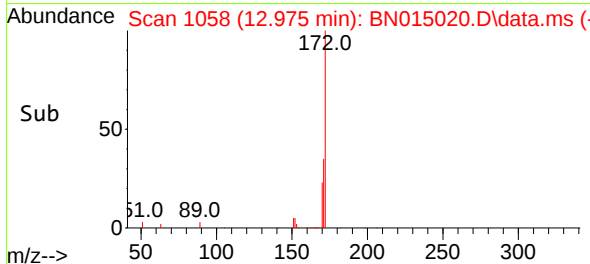
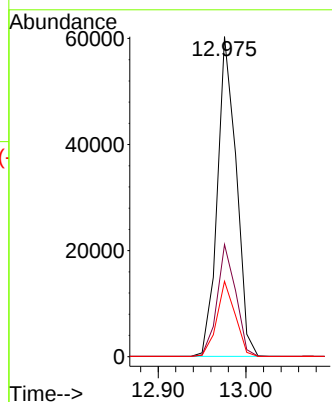
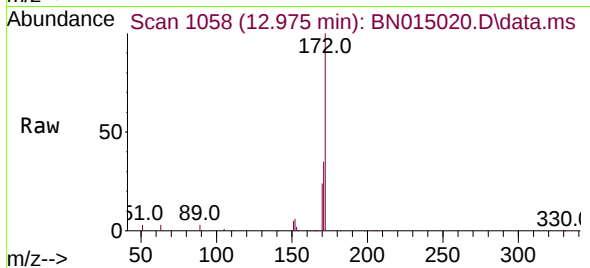




#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.975 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

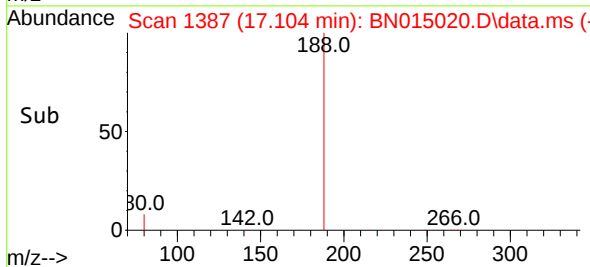
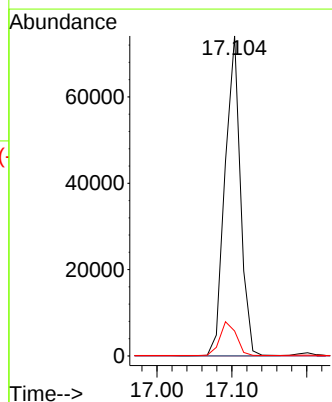
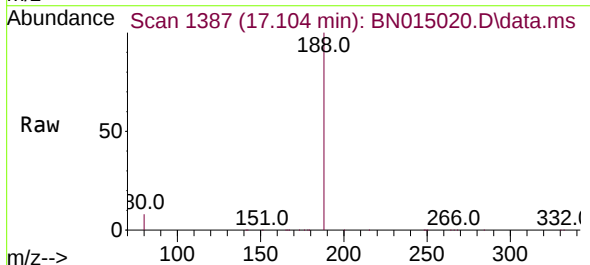
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

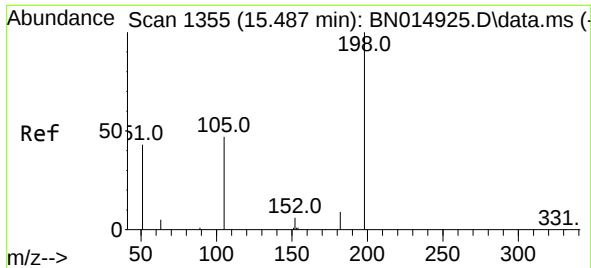
Tgt Ion:172	Resp:	90129
Ion Ratio	Lower	Upper
172	100	
171	35.0	30.6 45.8
170	23.5	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.104 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Tgt Ion:188	Resp:	105857
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	7.8	9.0 13.4#

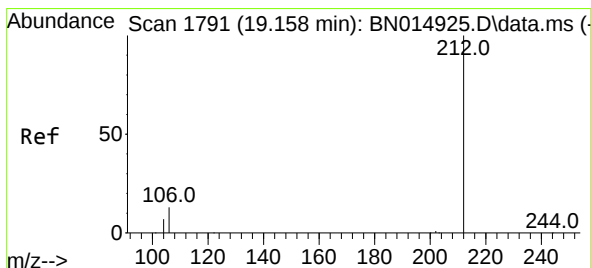
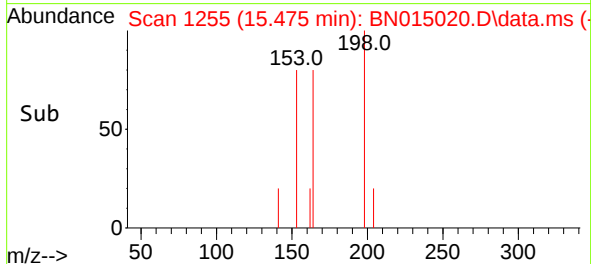
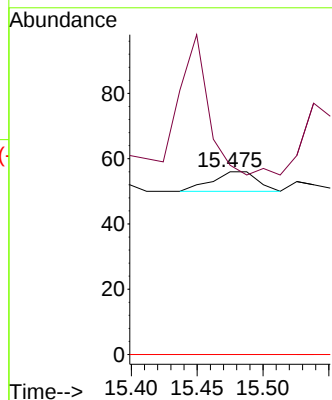
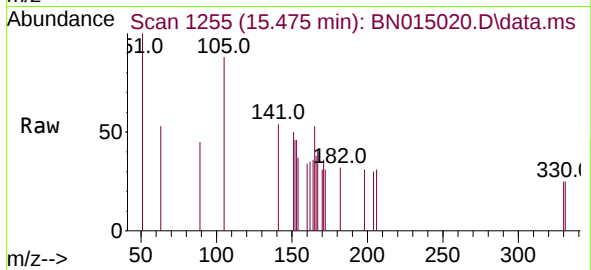




#20
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

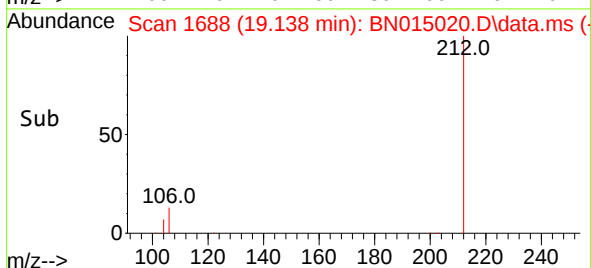
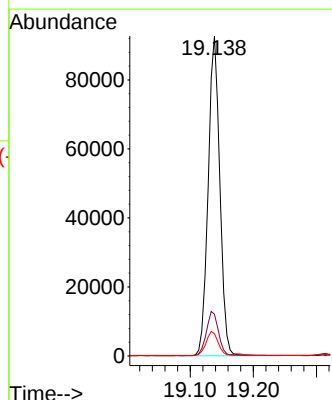
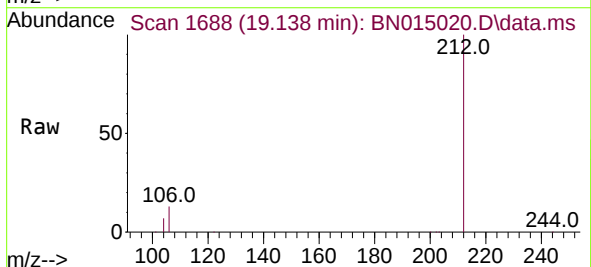
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

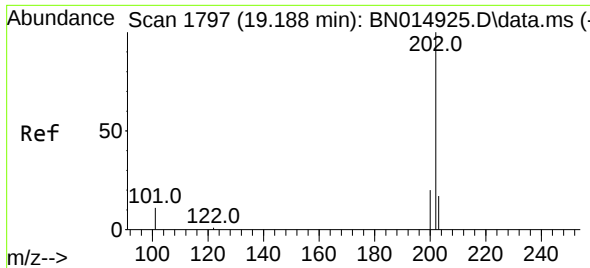
Tgt Ion:198	Resp:	14
Ion	Ratio	Lower Upper
198	100	
182	103.6	34.5 51.7#
77	0.0	0.0 0.0



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.138 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Tgt Ion:212	Resp:	118824
Ion	Ratio	Lower Upper
212	100	
106	14.2	7.0 10.6#
104	7.7	4.1 6.1#

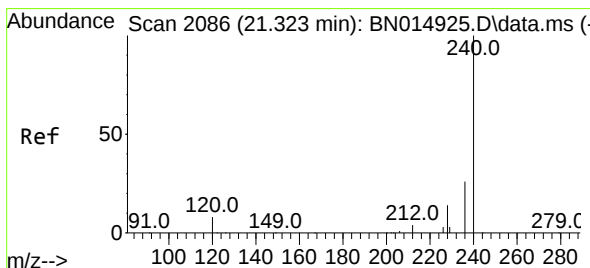
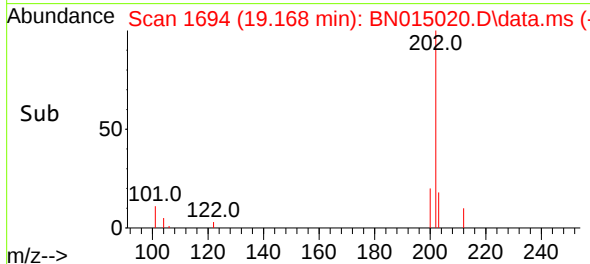
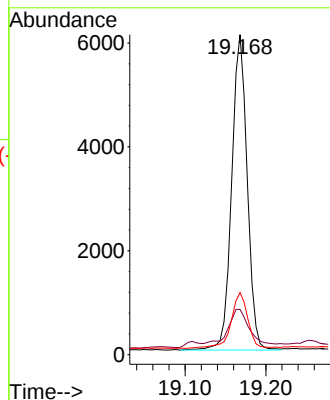
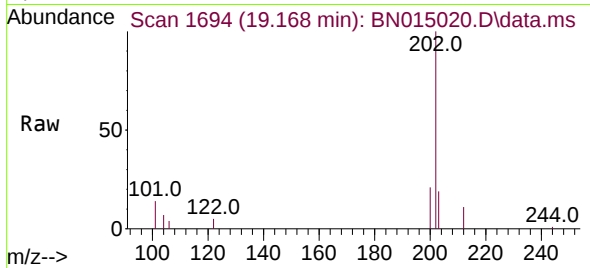




#28
Fluoranthene
Concen: 0.02 ng
RT: 19.168 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

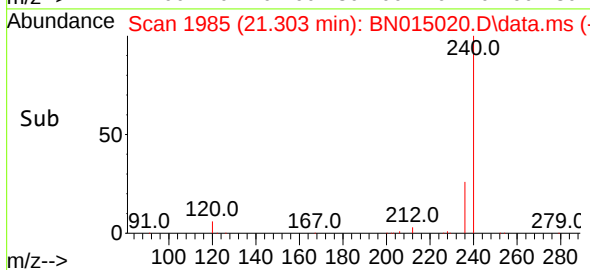
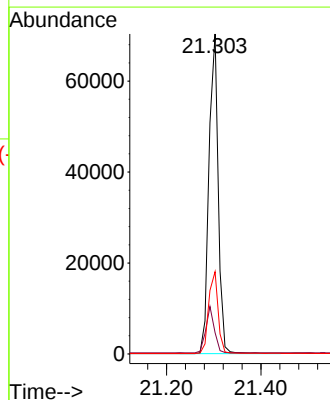
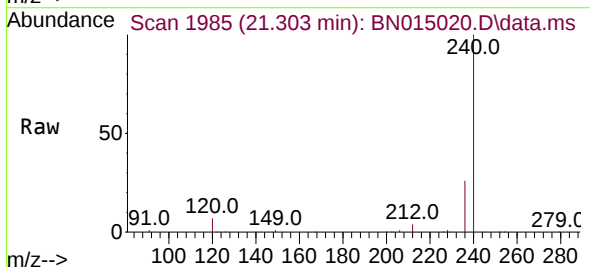
Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

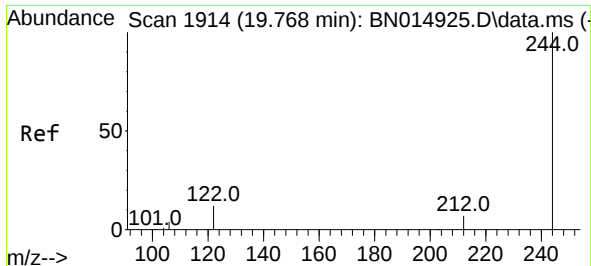
Tgt Ion:202 Resp: 8131
Ion Ratio Lower Upper
202 100
101 13.7 6.6 10.0#
203 19.1 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Tgt Ion:240 Resp: 95316
Ion Ratio Lower Upper
240 100
120 6.6 4.2 6.4#
236 25.7 21.4 32.2

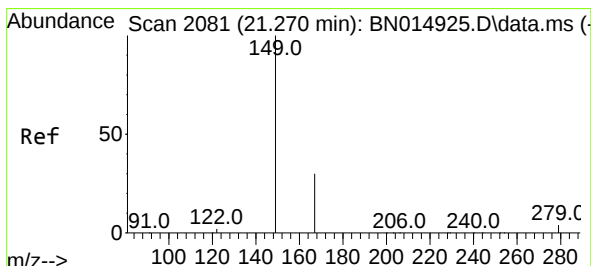
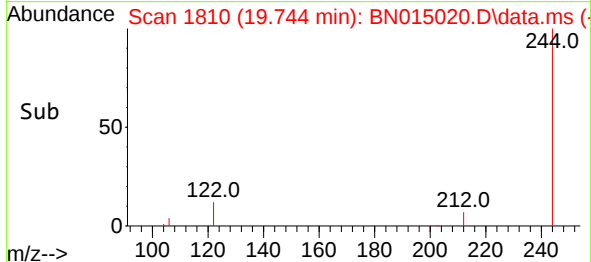
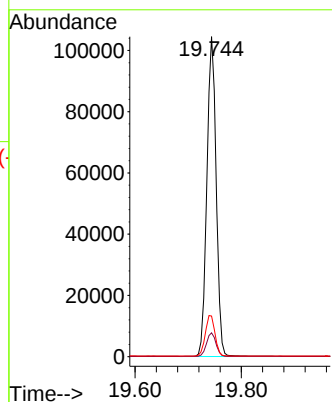
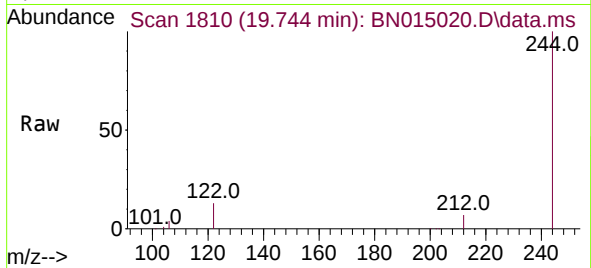




#31
 Terphenyl-d14
 Concen: 0.54 ng
 RT: 19.744 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: BN015020.D
 Acq: 23 Jun 2021 21:53

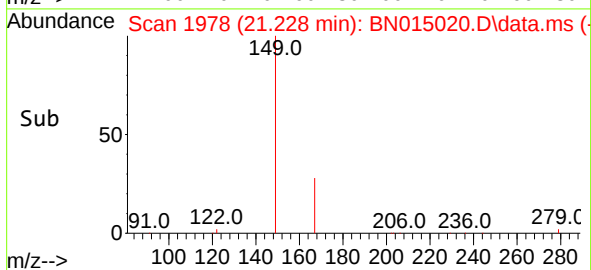
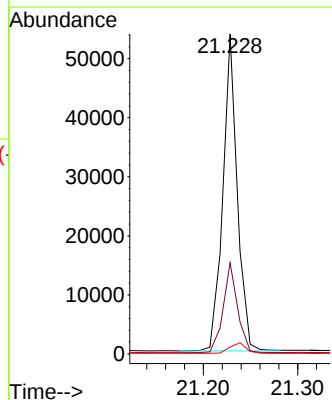
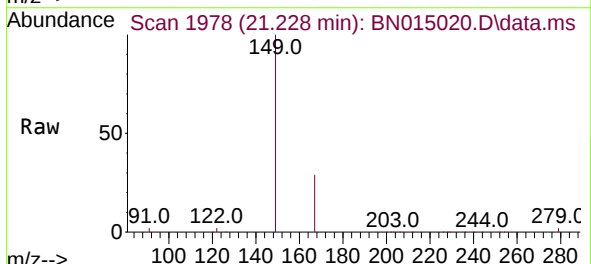
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210621

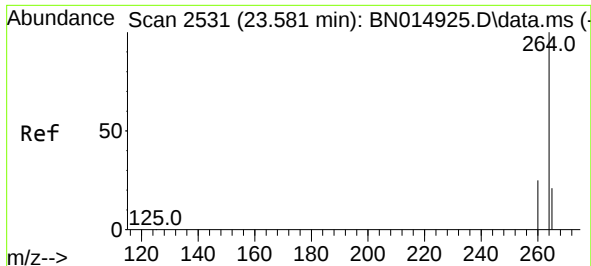
Tgt Ion:244 Resp: 126503
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.7 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.228 min Scan# 1978
 Delta R.T. -0.000 min
 Lab File: BN015020.D
 Acq: 23 Jun 2021 21:53

Tgt Ion:149 Resp: 56855
 Ion Ratio Lower Upper
 149 100
 167 28.3 28.9 43.3#
 279 3.7 4.9 7.3#

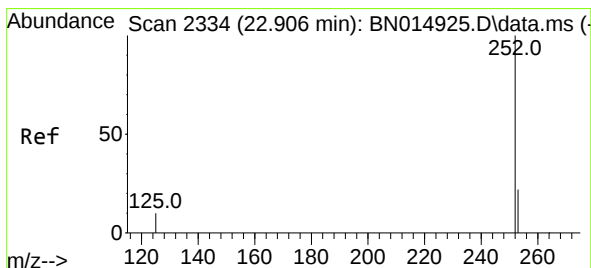
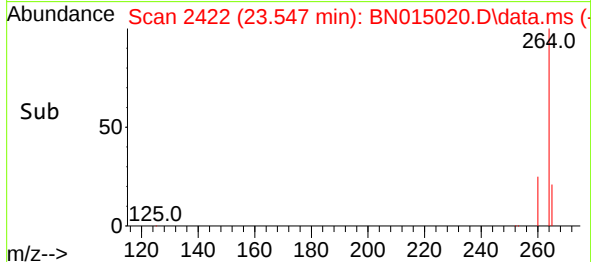
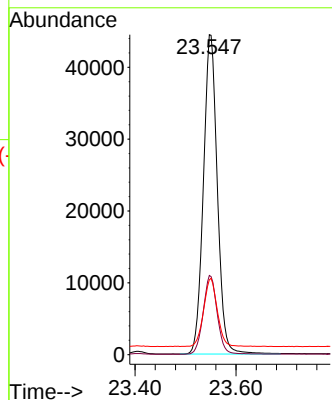
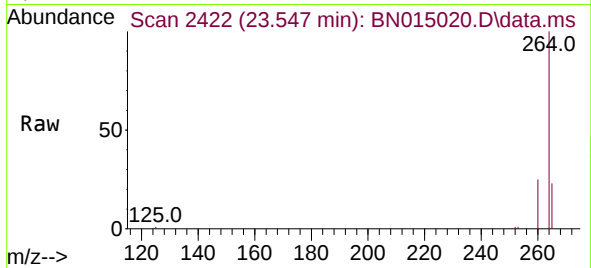




#35
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.547 min Scan# 2422
 Delta R.T. -0.007 min
 Lab File: BN015020.D
 Acq: 23 Jun 2021 21:53

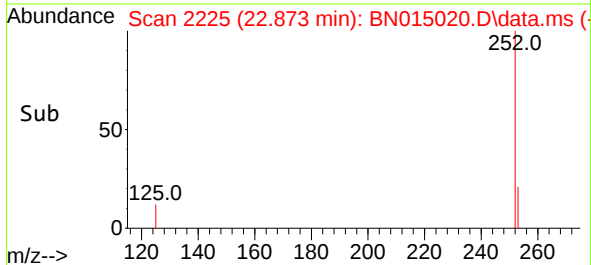
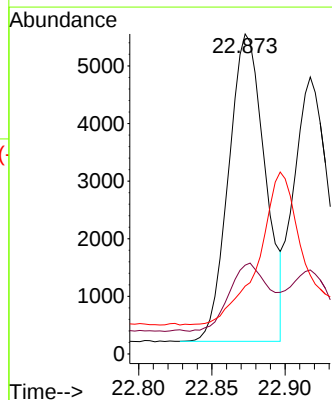
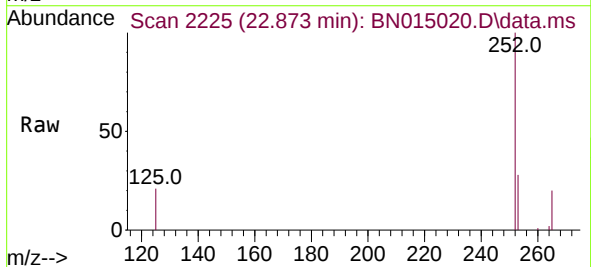
Instrument :
 BNA_N
 ClientSampleId :
 TT101D2-20210621

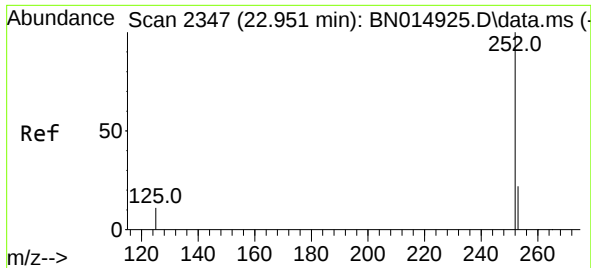
Tgt Ion:264 Resp: 85138
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 31.0
 265 23.4 21.4 32.2



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.873 min Scan# 2225
 Delta R.T. -0.004 min
 Lab File: BN015020.D
 Acq: 23 Jun 2021 21:53

Tgt Ion:252 Resp: 9254
 Ion Ratio Lower Upper
 252 100
 253 27.7 18.5 27.7#
 125 21.2 5.8 8.6#

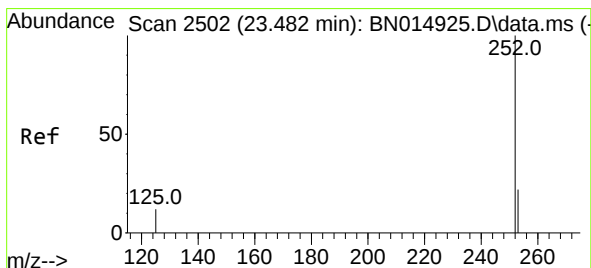
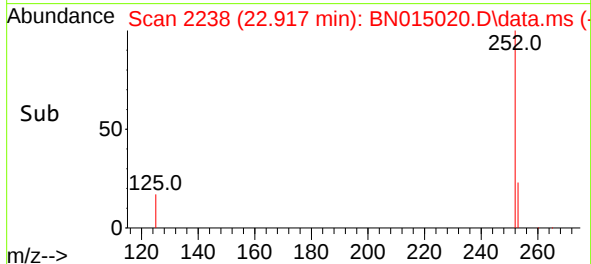
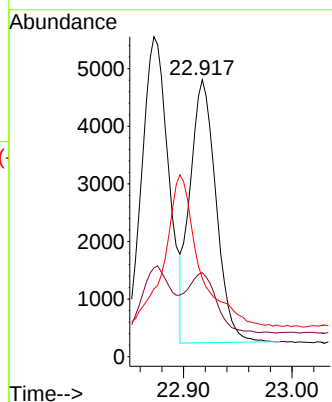
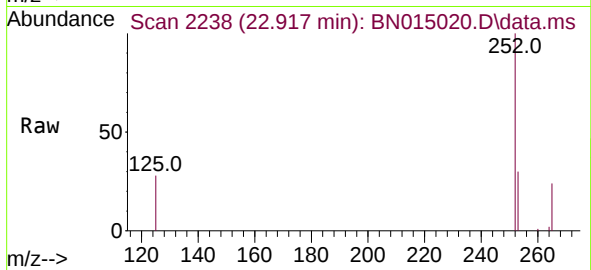




#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.917 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Instrument :
BNA_N
ClientSampleId :
TT101D2-20210621

Tgt Ion:252 Resp: 7619
Ion Ratio Lower Upper
252 100
253 30.4 19.1 28.7#
125 28.4 5.4 8.0#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.448 min Scan# 2393
Delta R.T. -0.007 min
Lab File: BN015020.D
Acq: 23 Jun 2021 21:53

Tgt Ion:252 Resp: 5657
Ion Ratio Lower Upper
252 100
253 34.1 19.4 29.2#
125 31.3 7.4 11.2#

