

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017931.D
 Acq On : 12 Dec 2021 08:53
 Operator : CG/JU
 Sample : PB141310BL
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

Quant Time: Dec 13 00:03:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

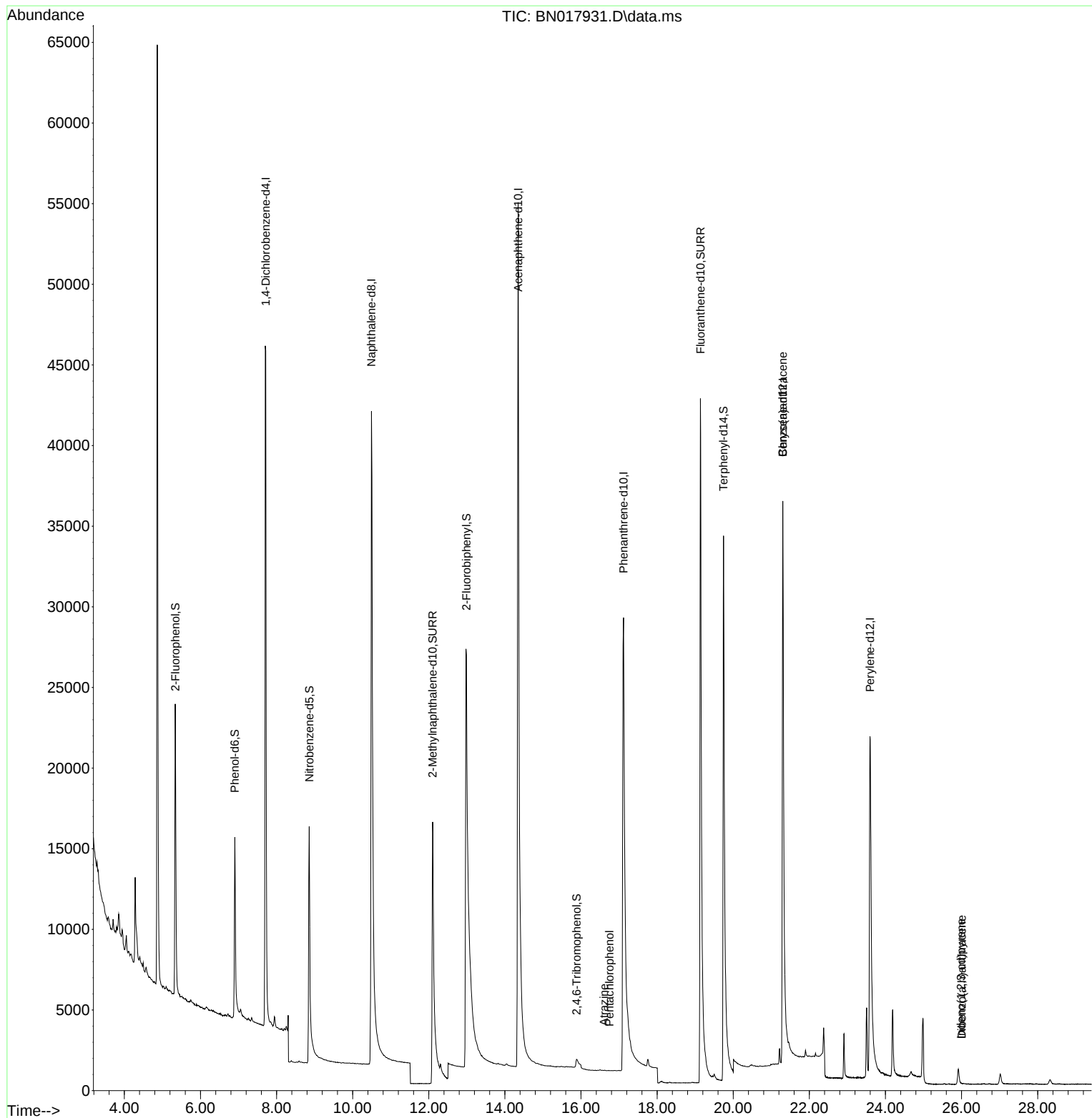
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	27478	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	100368	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	59122	0.400	ng	0.01
19) Phenanthrene-d10	17.116	188	105413	0.400	ng	0.02
29) Chrysene-d12	21.303	240	71584	0.400	ng	0.01
35) Perylene-d12	23.596	264	51658	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	17415	0.307	ng	0.02
5) Phenol-d6	6.903	99	12781	0.227	ng	0.00
8) Nitrobenzene-d5	8.859	82	18917	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.103	152	48499	0.275	ng	0.01
14) 2,4,6-Tribromophenol	15.882	330	1126	0.367	ng	0.04
15) 2-Fluorobiphenyl	12.989	172	51880	0.249	ng	0.03
27) Fluoranthene-d10	19.139	212	105428	0.309	ng	0.00
31) Terphenyl-d14	19.745	244	80527	0.456	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.438	198	7	Below Cal		Qvalue 90
23) Atrazine	16.605	200	9	0.092 ng	#	1
24) Pentachlorophenol	16.751	266	5	0.084 ng	#	39
32) Benzo(a)anthracene	21.303	228	371	0.052 ng	#	30
36) Indeno(1,2,3-cd)pyrene	25.988	276	2	0.089 ng	#	1
40) Dibenzo(a,h)anthracene	26.005	278	3	0.101 ng	#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017931.D
Acq On : 12 Dec 2021 08:53
Operator : CG/JU
Sample : PB141310BL
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141310BL

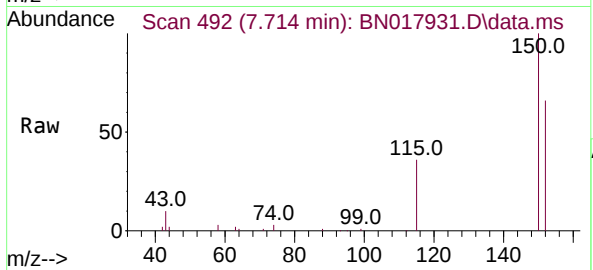
Quant Time: Dec 13 00:03:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration



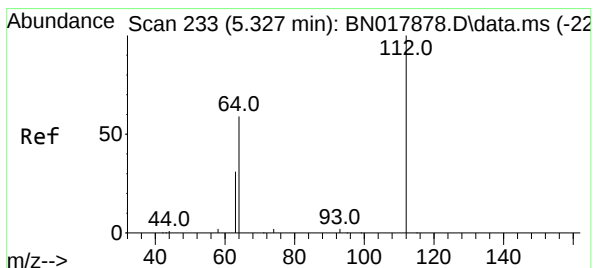
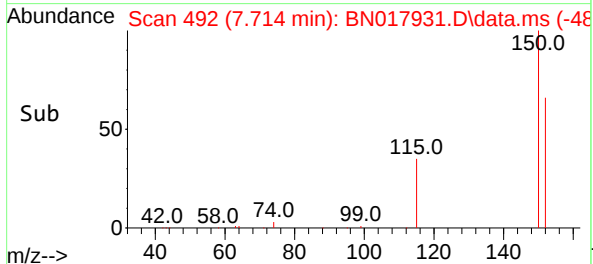
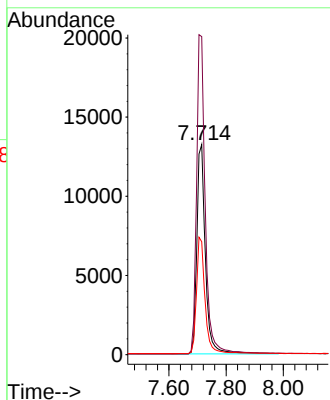


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Instrument :
BNA_N
ClientSampleId :
PB141310BL

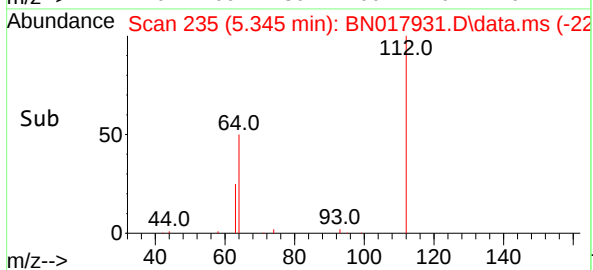
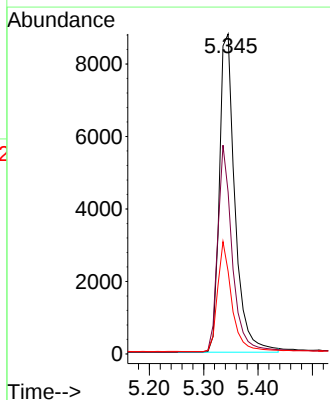
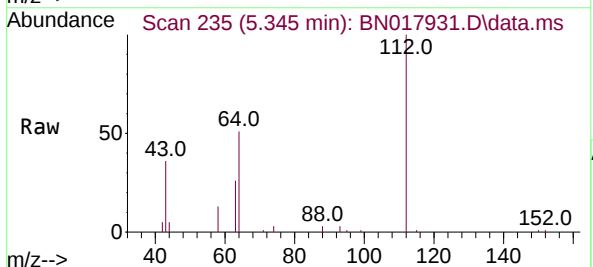


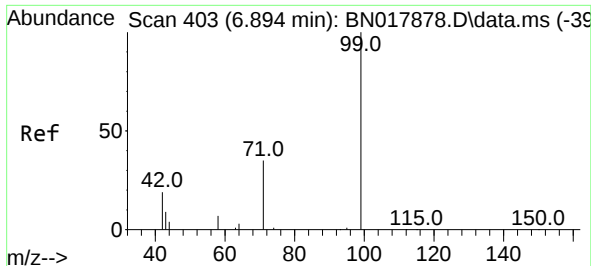
Tgt Ion:152 Resp: 27478
Ion Ratio Lower Upper
152 100
150 151.4 121.9 182.9
115 53.7 44.1 66.1



#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.345 min Scan# 235
Delta R.T. 0.018 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Tgt Ion:112 Resp: 17415
Ion Ratio Lower Upper
112 100
64 60.5 49.0 73.4
63 31.5 26.2 39.2

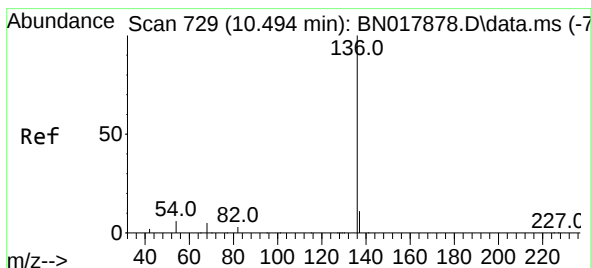
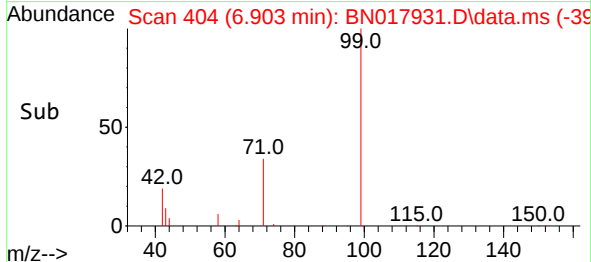
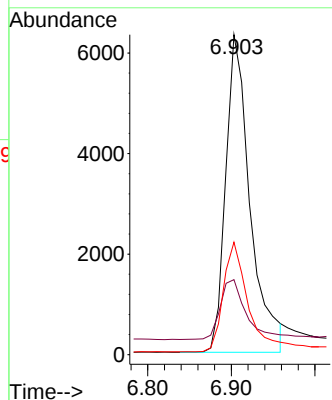
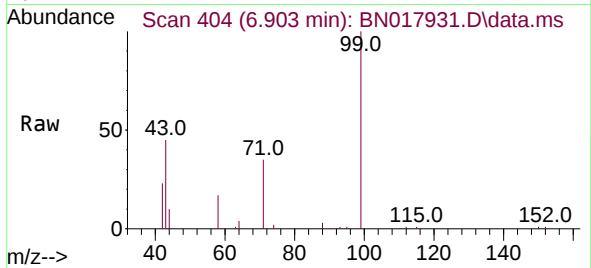




#5
Phenol-d6
Concen: 0.227 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

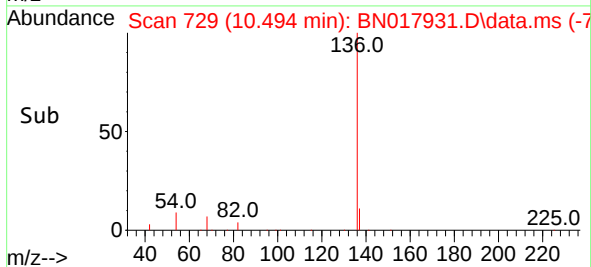
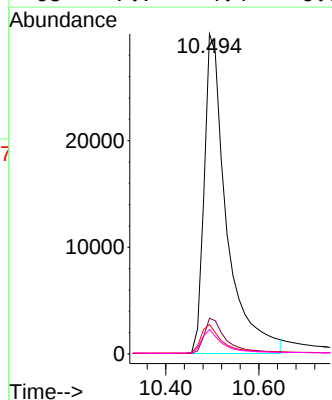
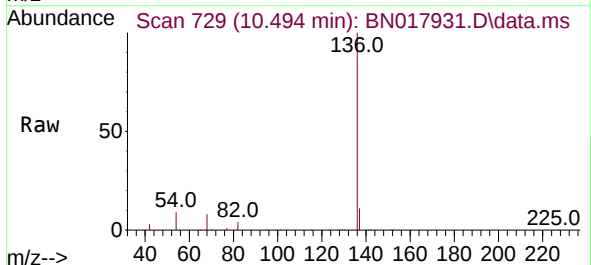
Instrument :
BNA_N
ClientSampleId :
PB141310BL

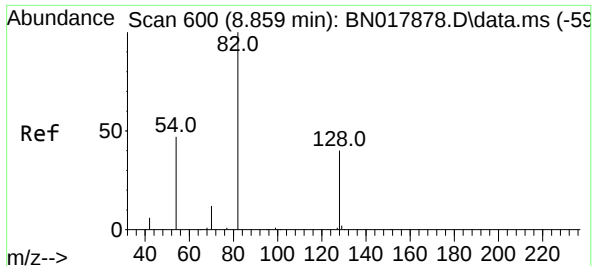
Tgt Ion: 99 Resp: 12781
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 34.6 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Tgt Ion: 136 Resp: 100368
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 5.1 7.7#
68 7.7 4.4 6.6#

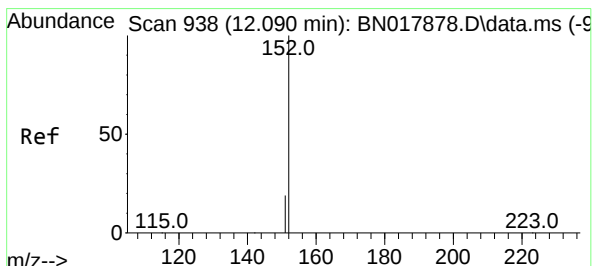
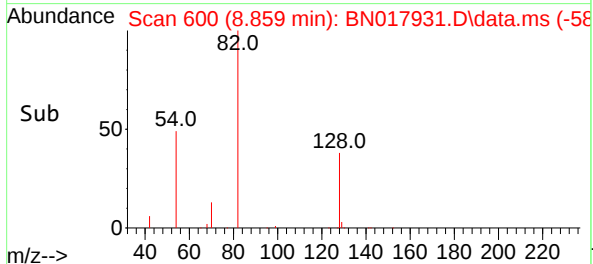
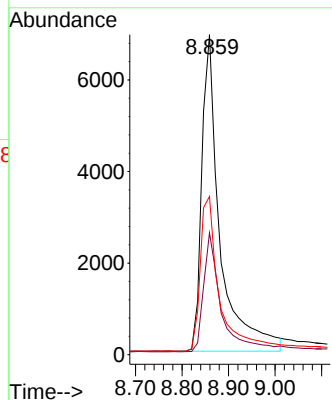
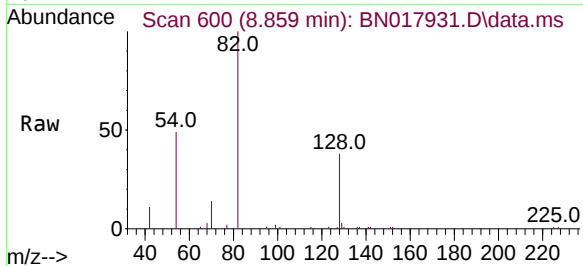




#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

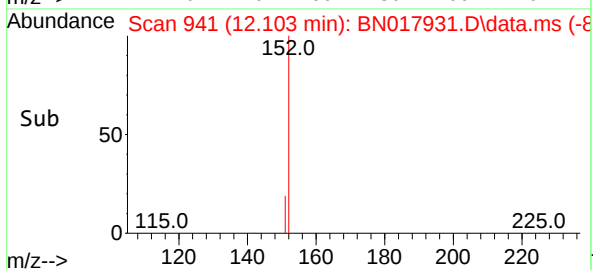
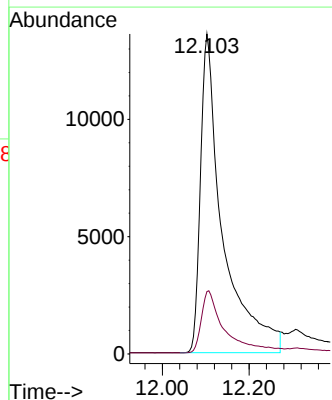
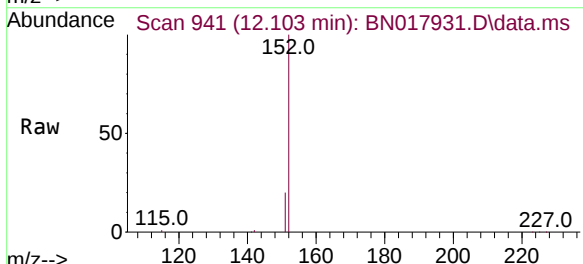
Instrument :
BNA_N
ClientSampleId :
PB141310BL

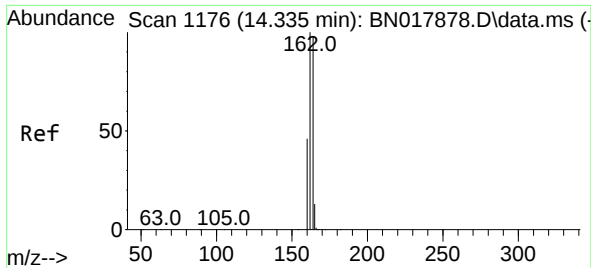
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.2	48.4
54	49.5	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.103 min Scan# 941
Delta R.T. 0.013 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6

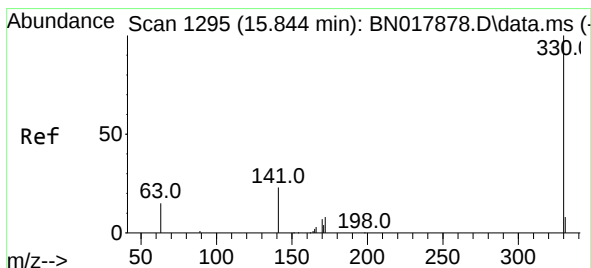
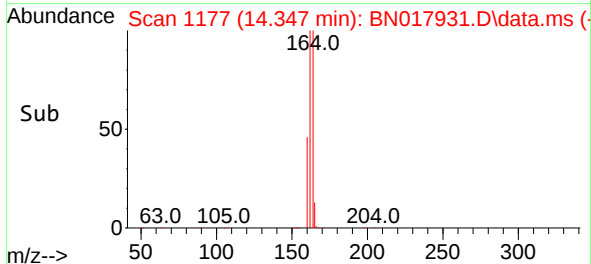
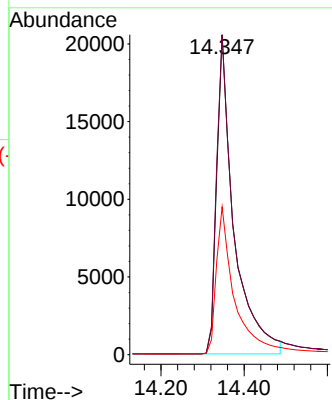
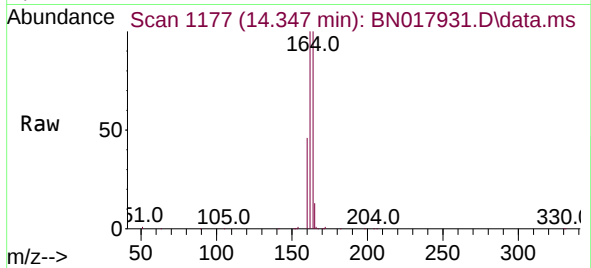




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

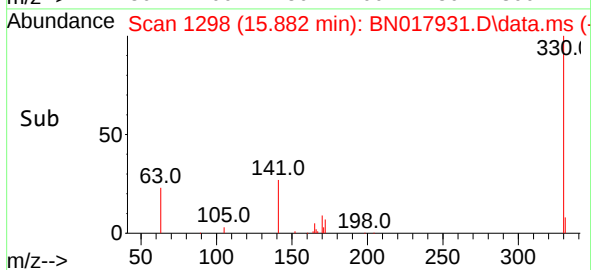
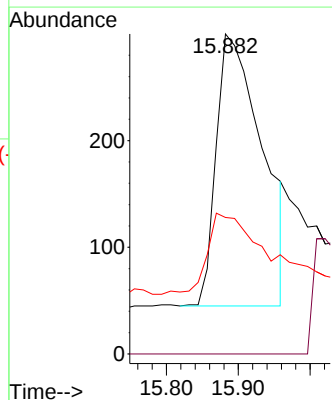
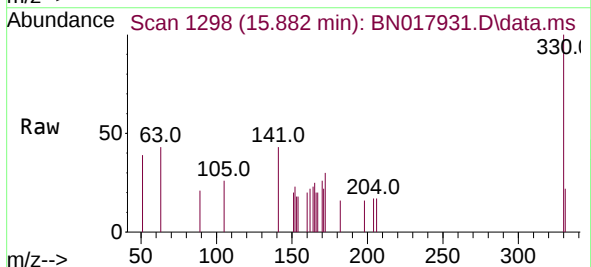
Instrument :
BNA_N
ClientSampleId :
PB141310BL

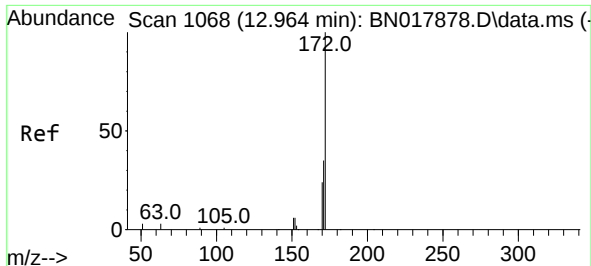
Tgt Ion:164 Resp: 59122
Ion Ratio Lower Upper
164 100
162 99.9 82.1 123.1
160 46.2 38.2 57.2



#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.882 min Scan# 1298
Delta R.T. 0.038 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Tgt Ion:330 Resp: 1126
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.1 19.7 29.5#

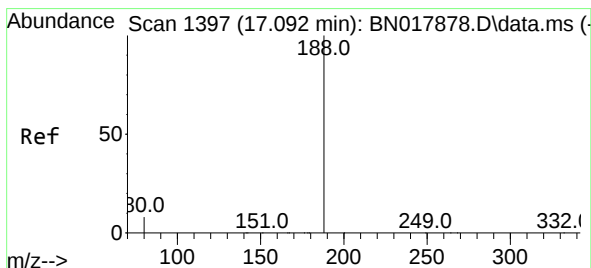
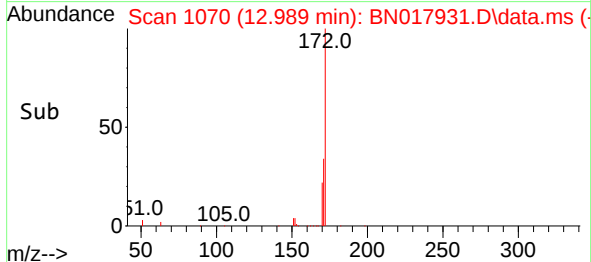
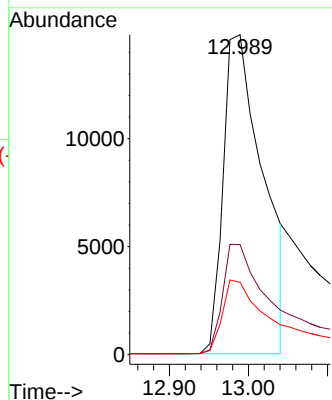
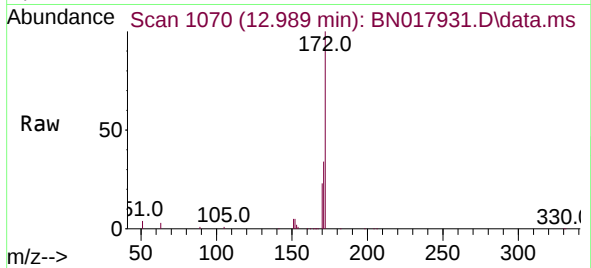




#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.989 min Scan# 1068
Delta R.T. 0.025 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

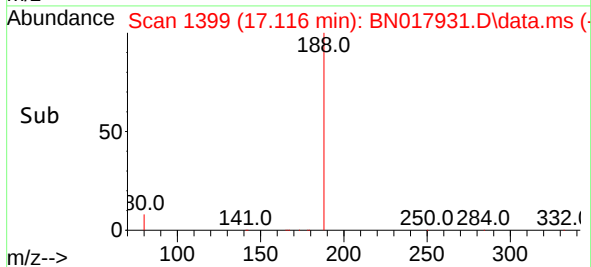
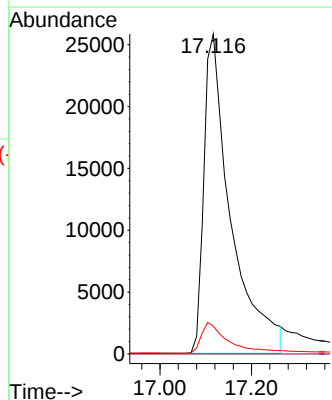
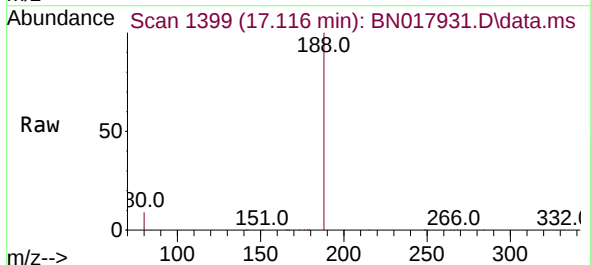
Instrument :
BNA_N
ClientSampleId :
PB141310BL

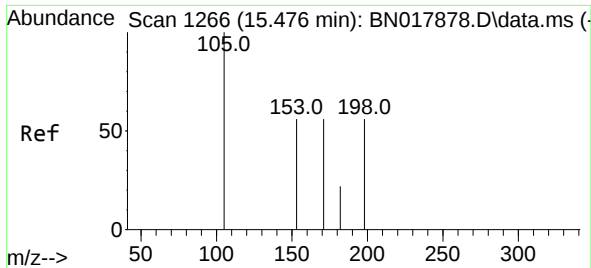
Tgt Ion:172 Resp: 51880
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.7 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Tgt Ion:188 Resp: 105413
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 6.2 9.2

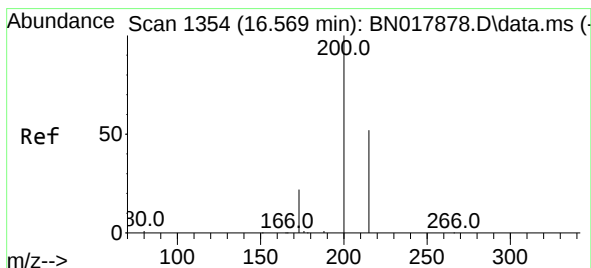
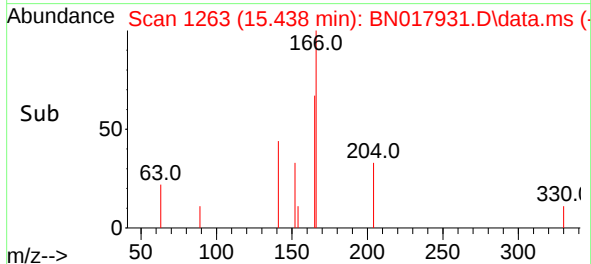
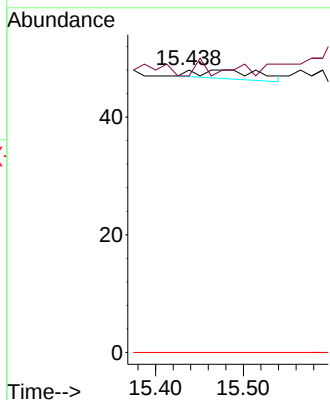
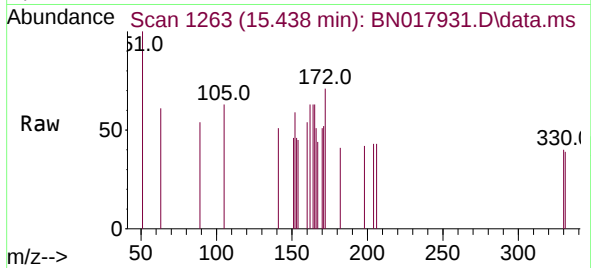




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.438 min Scan# 11
Delta R.T. -0.038 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

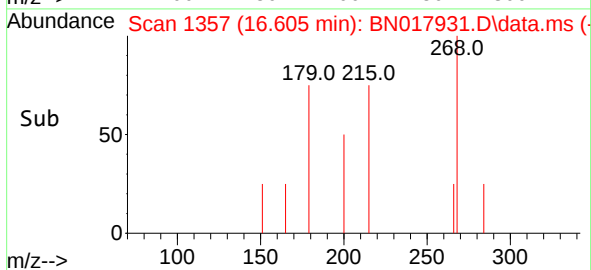
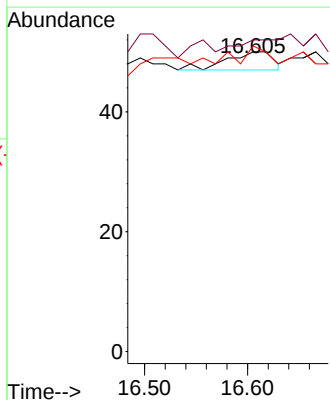
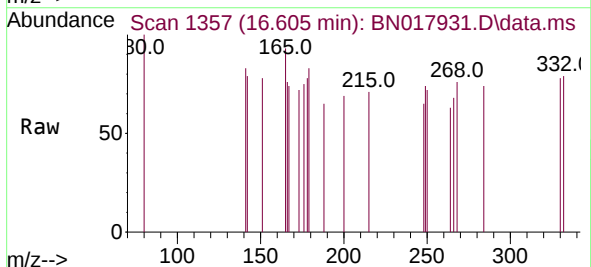
Instrument :
BNA_N
ClientSampleId :
PB141310BL

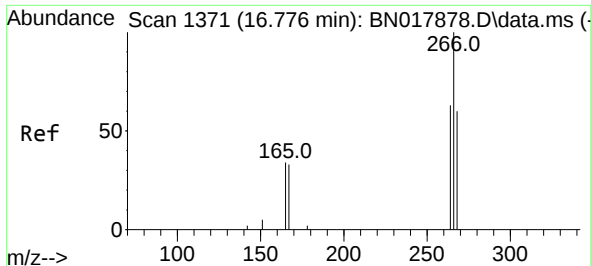
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 97.9 70.8 106.2
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.605 min Scan# 1357
Delta R.T. 0.036 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

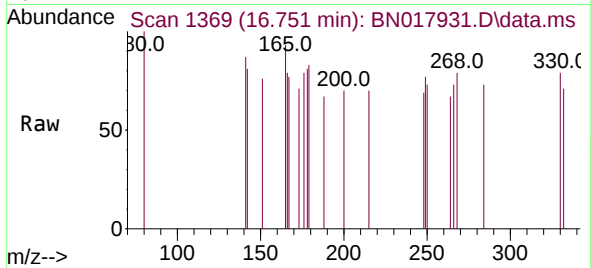
Tgt Ion:200 Resp: 9
Ion Ratio Lower Upper
200 100
173 104.0 18.2 27.2#
215 102.0 41.8 62.8#



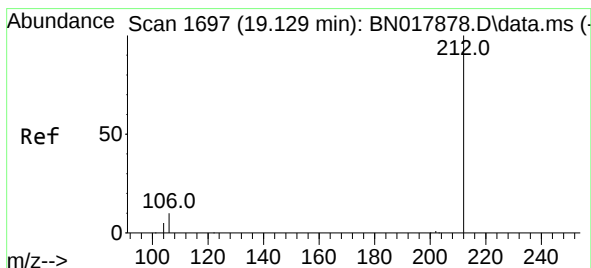
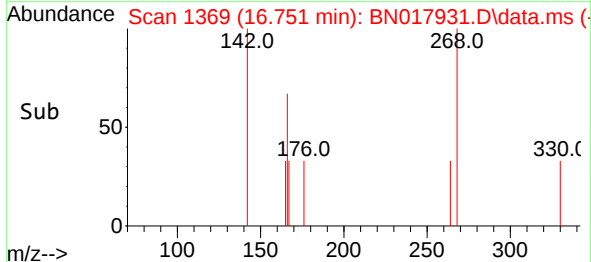
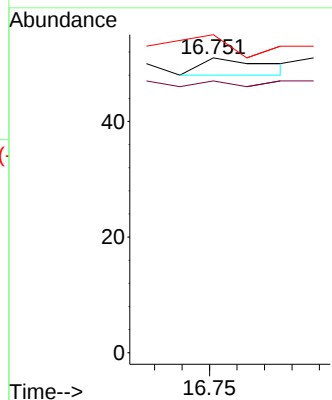


#24
 Pentachlorophenol
 Concen: 0.084 ng
 RT: 16.751 min Scan# 1369
 Delta R.T. -0.025 min
 Lab File: BN017931.D
 Acq: 12 Dec 2021 08:53

Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

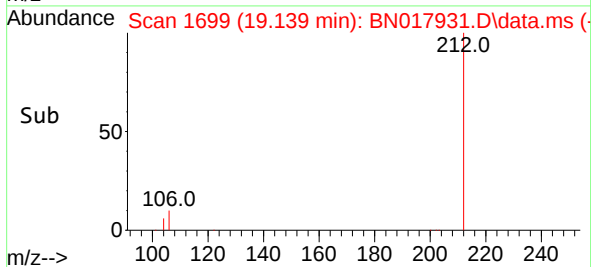
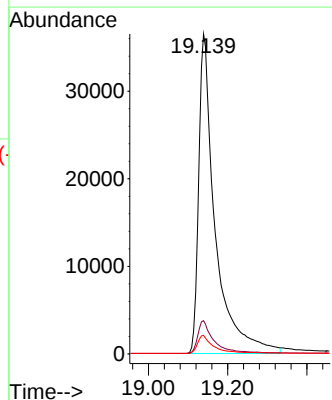
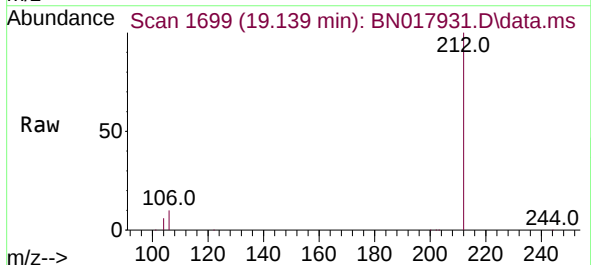


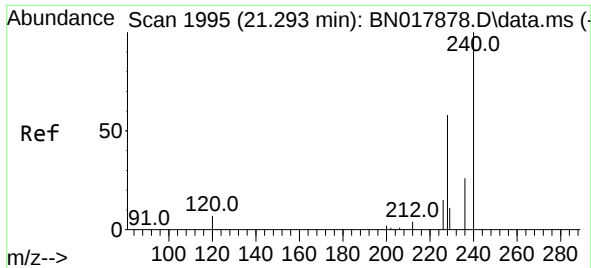
Tgt Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 0.0 50.6 76.0#
 268 100.0 53.7 80.5#



#27
 Fluoranthene-d10
 Concen: 0.309 ng
 RT: 19.139 min Scan# 1699
 Delta R.T. 0.010 min
 Lab File: BN017931.D
 Acq: 12 Dec 2021 08:53

Tgt Ion:212 Resp: 105428
 Ion Ratio Lower Upper
 212 100
 106 10.3 8.3 12.5
 104 5.7 4.6 6.8

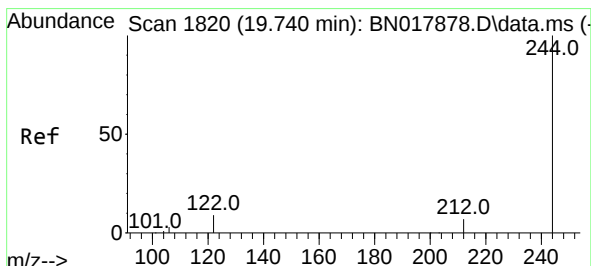
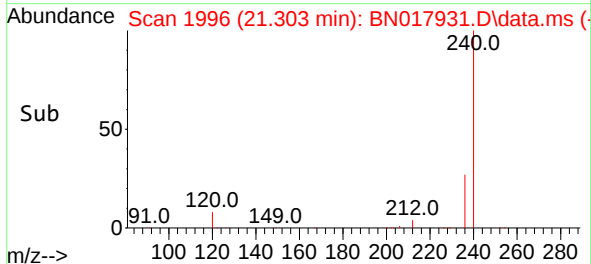
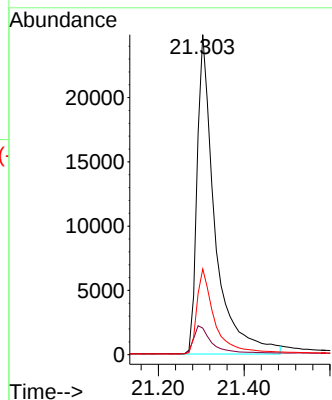
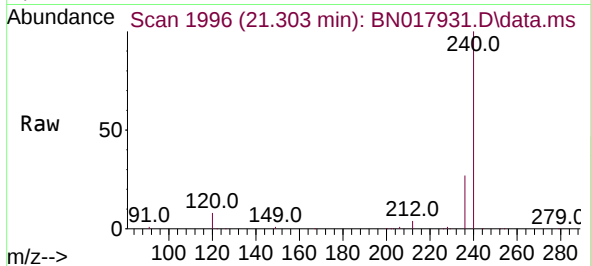




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.010 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

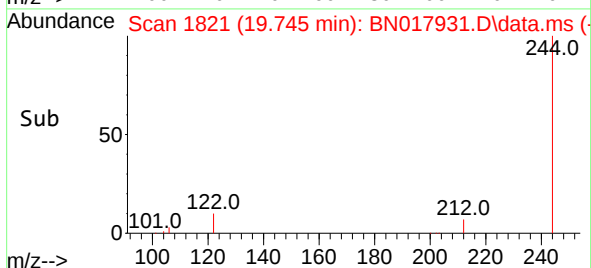
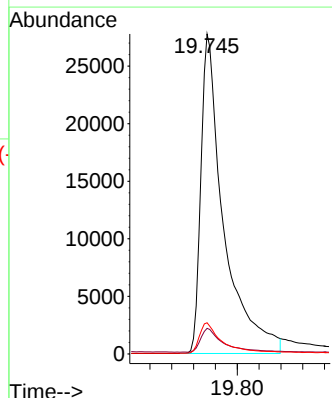
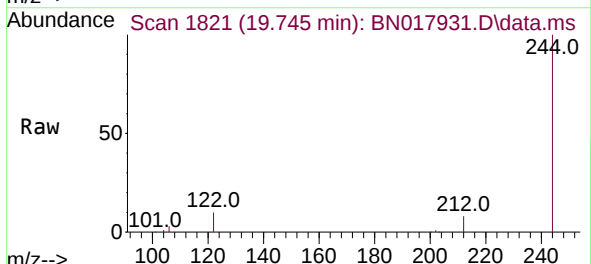
Instrument :
BNA_N
ClientSampleId :
PB141310BL

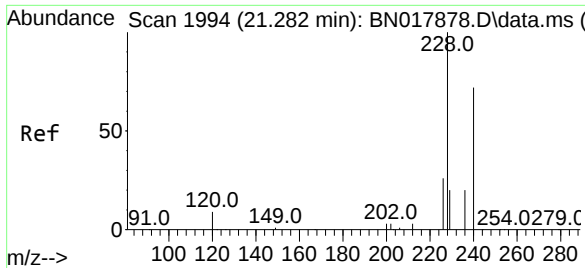
Tgt Ion:240 Resp: 71584
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 26.8 21.0 31.6



#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.745 min Scan# 1821
Delta R.T. 0.005 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Tgt Ion:244 Resp: 80527
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.7 7.5 11.3

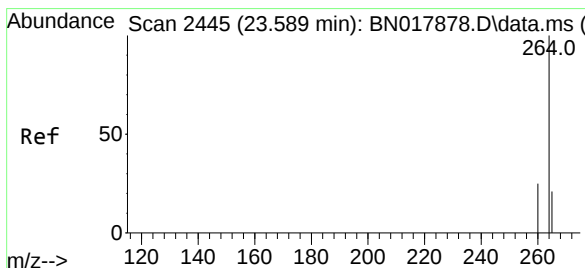
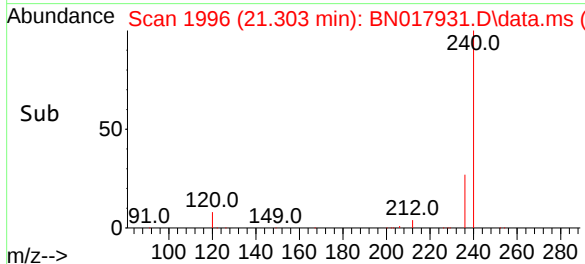
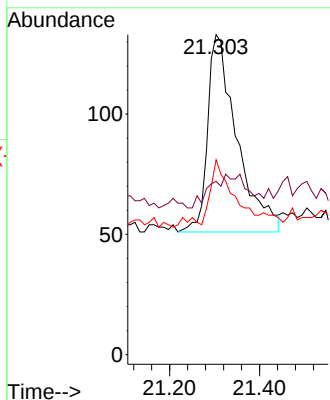
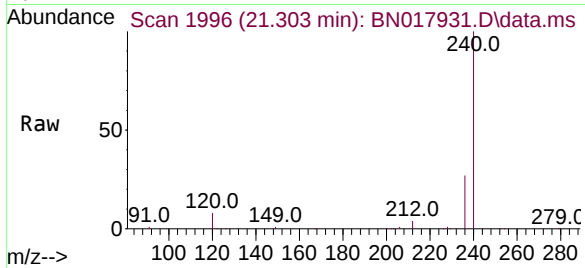




#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.021 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

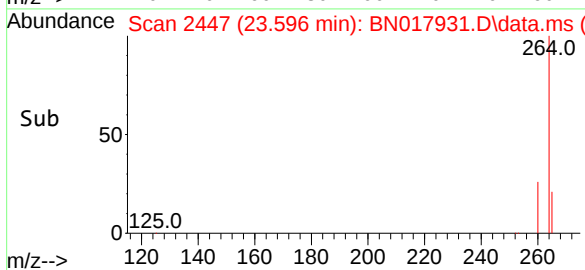
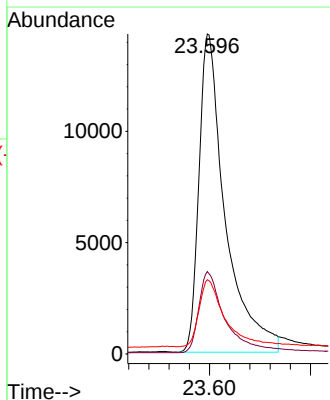
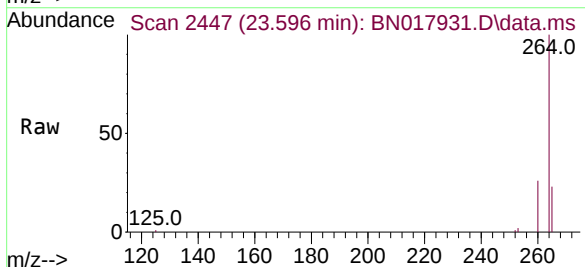
Instrument :
BNA_N
ClientSampleId :
PB141310BL

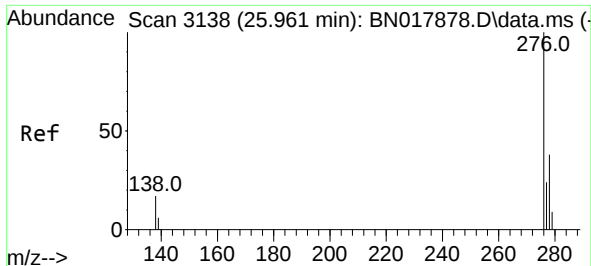
Tgt Ion:228 Resp: 371
Ion Ratio Lower Upper
228 100
226 54.1 21.0 31.4#
229 60.9 15.8 23.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.596 min Scan# 2447
Delta R.T. 0.007 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Tgt Ion:264 Resp: 51658
Ion Ratio Lower Upper
264 100
260 25.8 20.2 30.4
265 23.2 18.2 27.4

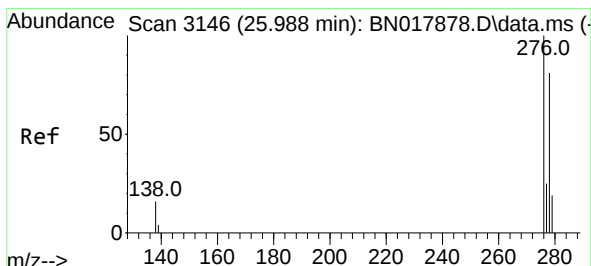
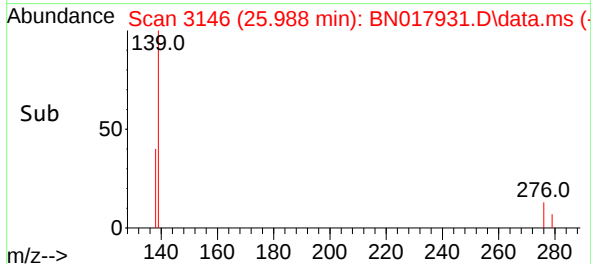
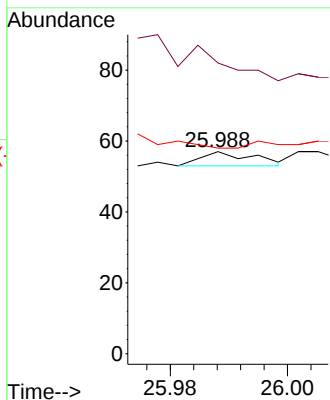
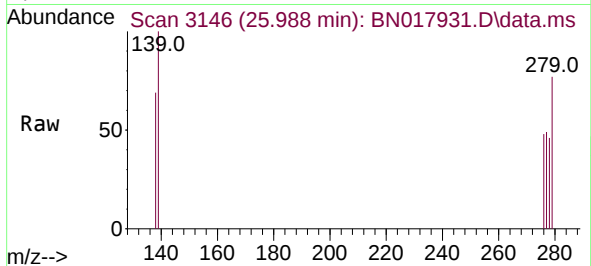




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.988 min Scan# 3146
 Delta R.T. 0.027 min
 Lab File: BN017931.D
 Acq: 12 Dec 2021 08:53

Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

Tgt Ion:276 Resp: 2
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 250.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 26.005 min Scan# 3151
 Delta R.T. 0.017 min
 Lab File: BN017931.D
 Acq: 12 Dec 2021 08:53

Tgt Ion:278 Resp: 3
 Ion Ratio Lower Upper
 278 100
 139 186.4 12.0 18.0#
 279 155.9 20.8 31.2#

