

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017936.D
 Acq On : 12 Dec 2021 12:29
 Operator : CG/JU
 Sample : M4956-19
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20211205

Quant Time: Dec 13 00:39:42 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)

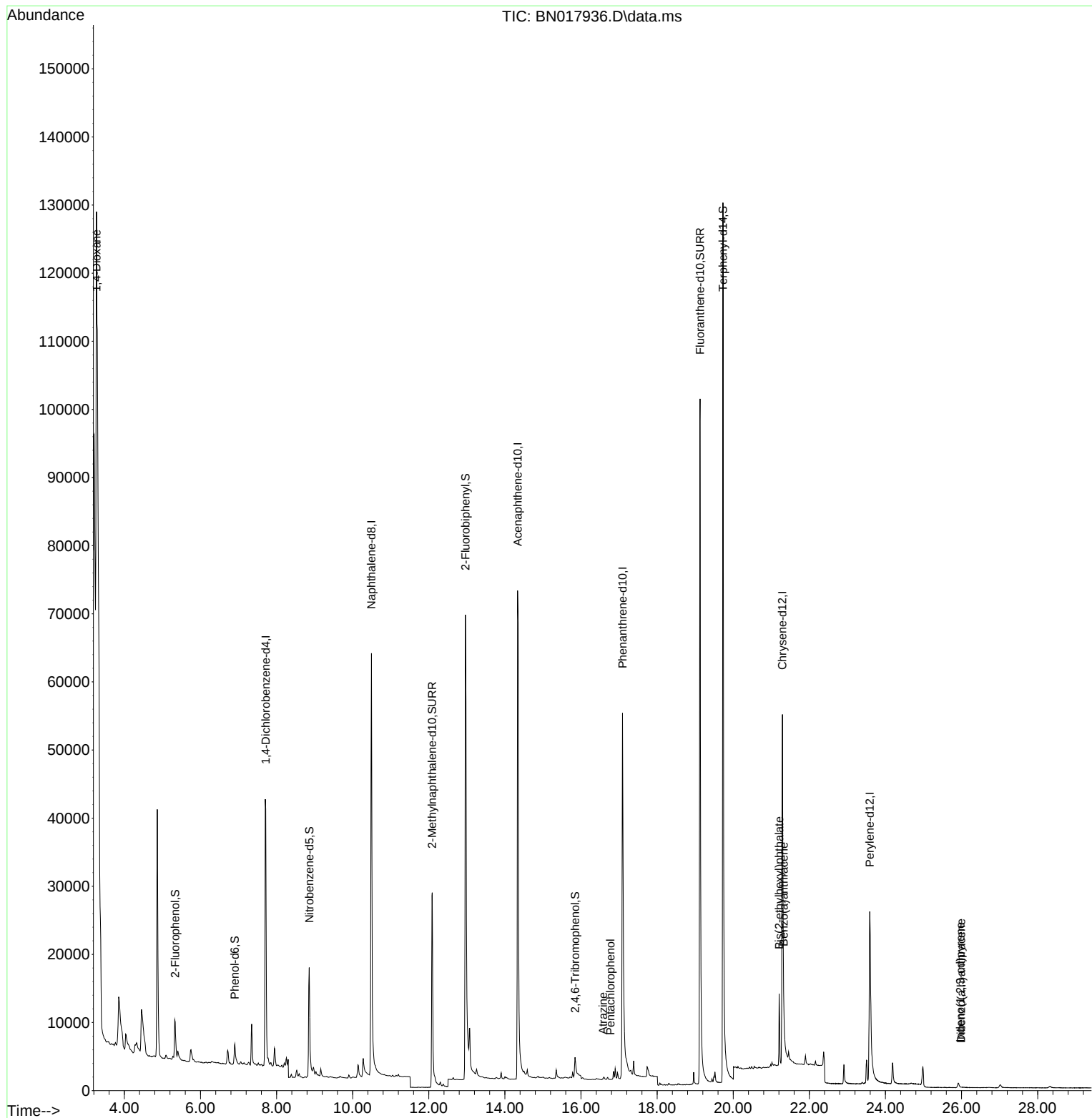
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	25202	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	101593	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	60459	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	119326	0.400	ng	0.00
29) Chrysene-d12	21.293	240	83044	0.400	ng	0.00
35) Perylene-d12	23.589	264	54984	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7103	0.137	ng	0.00
5) Phenol-d6	6.903	99	3554	0.069	ng	0.00
8) Nitrobenzene-d5	8.859	82	19280	0.291	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	52165	0.292	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4482	0.468	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	85009	0.400	ng	0.00
27) Fluoranthene-d10	19.129	212	157626	0.408	ng	0.00
31) Terphenyl-d14	19.730	244	178684	0.873	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	80445	10.518	ng	93
20) 4,6-Dinitro-2-methylph...	15.413	198	11	Below Cal		81
23) Atrazine	16.581	200	22	0.092	ng	# 1
24) Pentachlorophenol	16.776	266	25	0.096	ng	# 47
32) Benzo(a)anthracene	21.325	228	1428	0.055	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.208	149	10117	0.113	ng	100
36) Indeno(1,2,3-cd)pyrene	25.971	276	2	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	25.988	278	2	0.101	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017936.D
Acq On : 12 Dec 2021 12:29
Operator : CG/JU
Sample : M4956-19
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

Quant Time: Dec 13 00:39:42 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

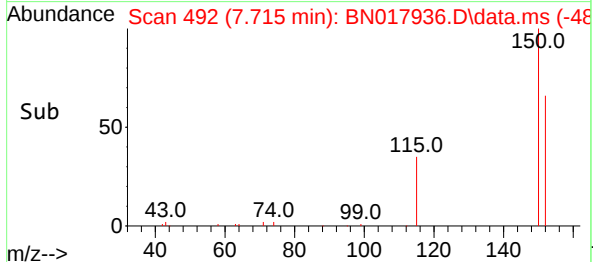
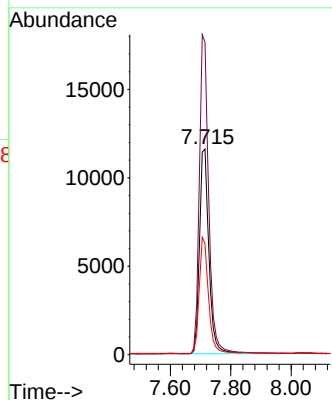
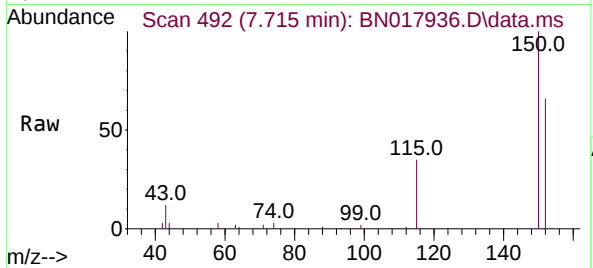




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017936.D
 Acq: 12 Dec 2021 12:29

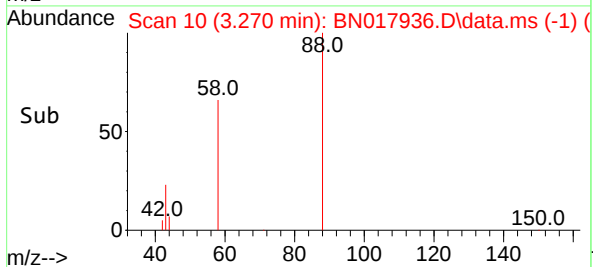
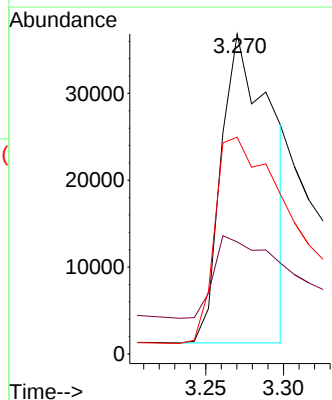
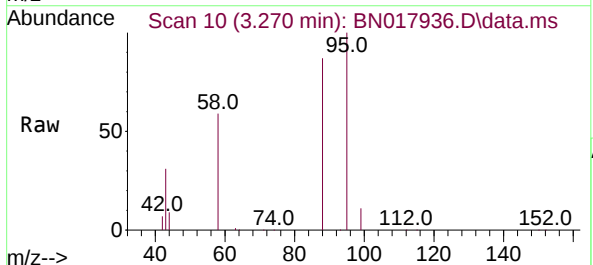
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20211205

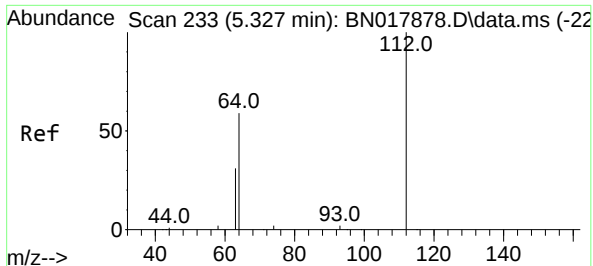
Tgt Ion:152 Resp: 25202
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.9 182.9
 115 53.9 44.1 66.1



#2
 1,4-Dioxane
 Concen: 10.518 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017936.D
 Acq: 12 Dec 2021 12:29

Tgt Ion: 88 Resp: 80445
 Ion Ratio Lower Upper
 88 100
 43 29.8 28.0 42.0
 58 76.5 65.4 98.0

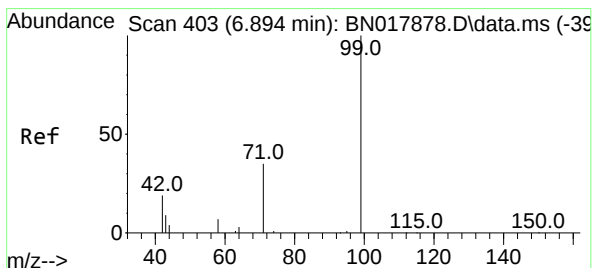
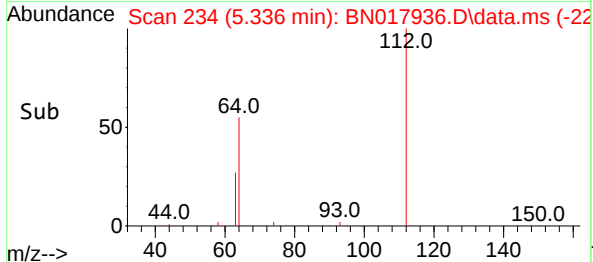
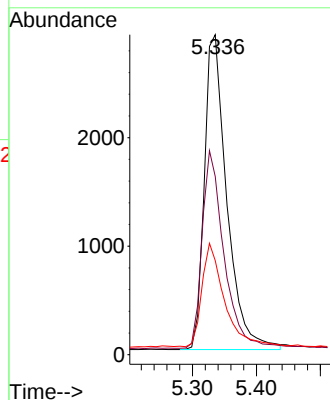
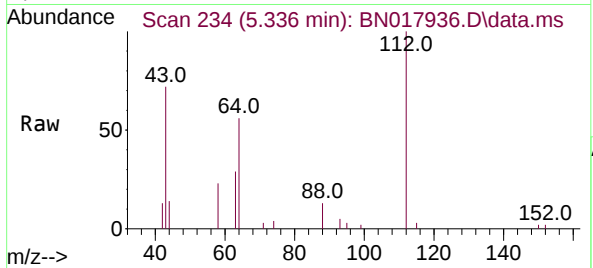




#4
2-Fluorophenol
Concen: 0.137 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

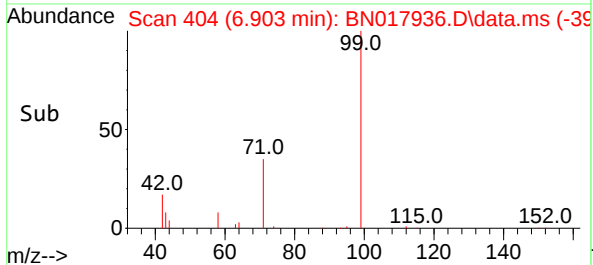
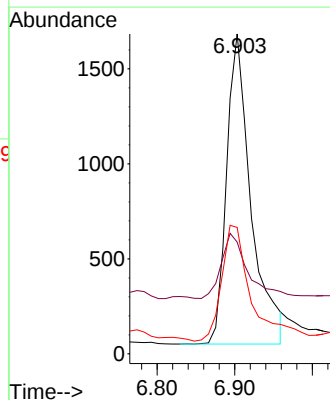
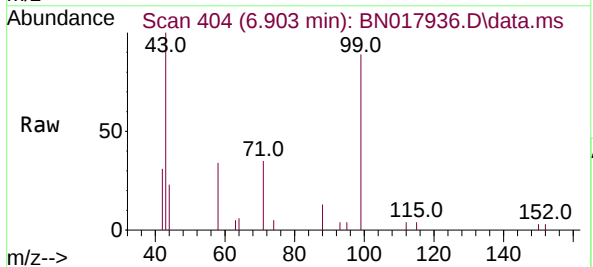
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

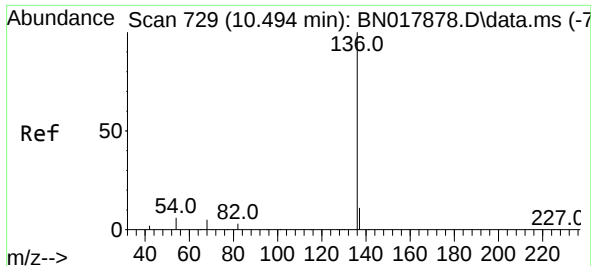
Tgt Ion:112 Resp: 7103
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 32.7 26.2 39.2



#5
Phenol-d6
Concen: 0.069 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion: 99 Resp: 3554
Ion Ratio Lower Upper
99 100
42 22.5 17.0 25.4
71 42.8 28.0 42.0#

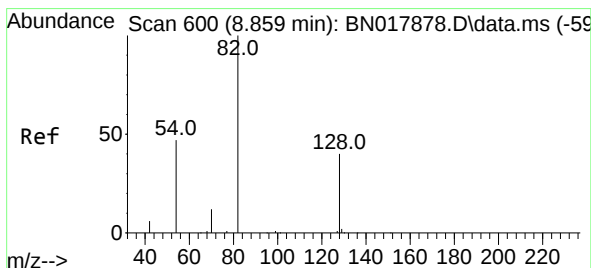
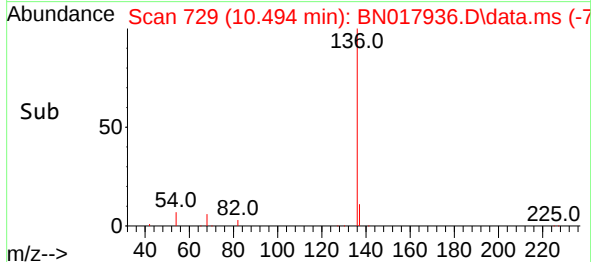
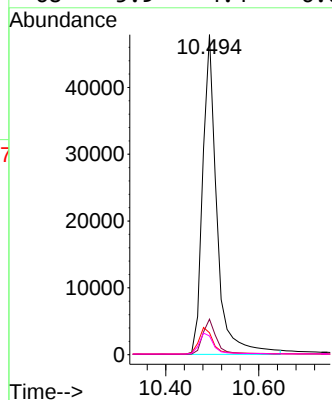
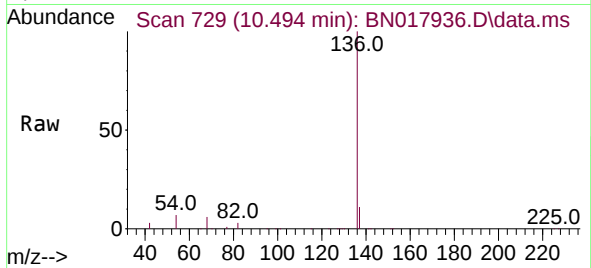




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

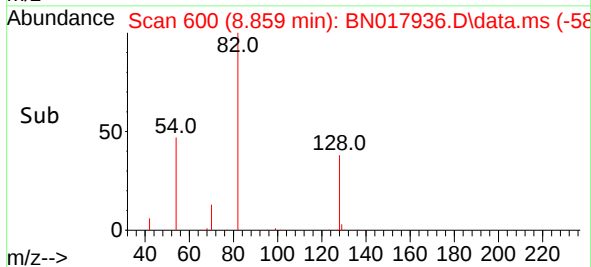
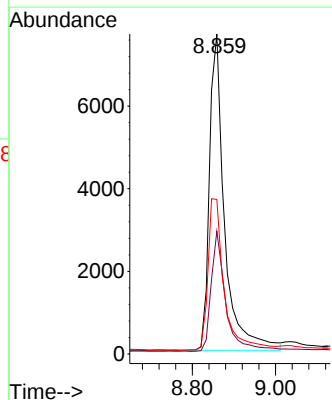
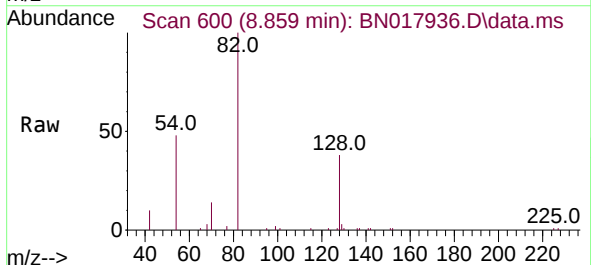
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

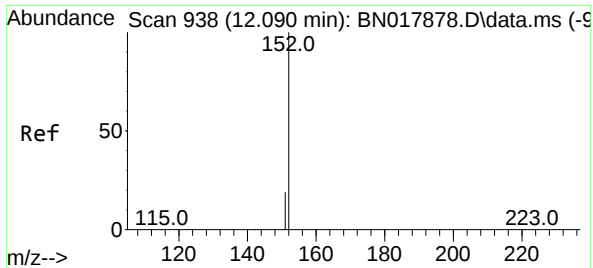
Tgt Ion:	136	Resp:	101593
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.1	7.7
68	5.9	4.4	6.6



#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion:	82	Resp:	19280
Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.2	48.4
54	48.3	37.6	56.4

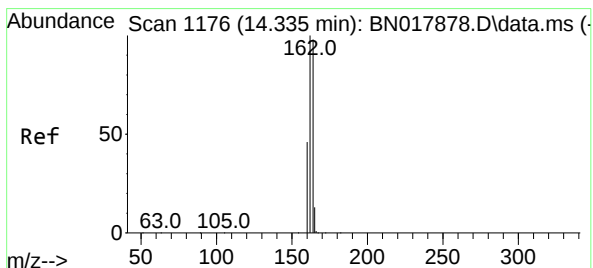
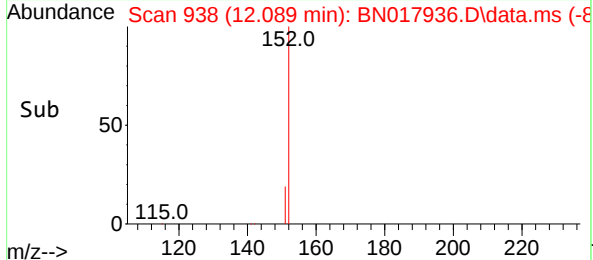
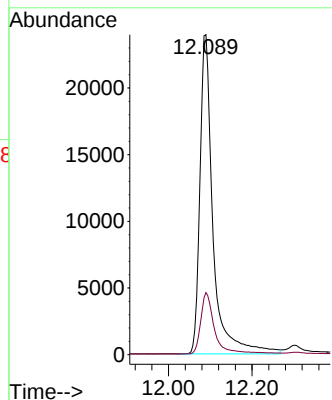
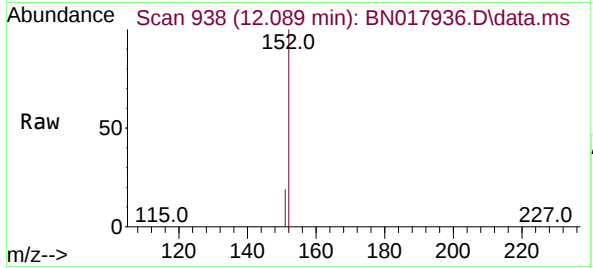




#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.089 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

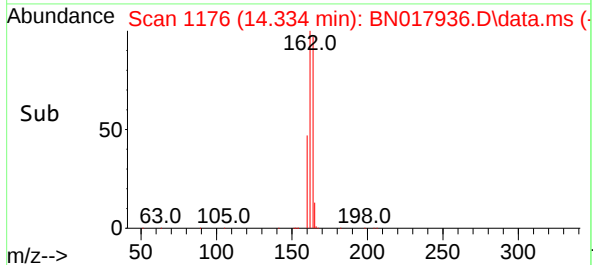
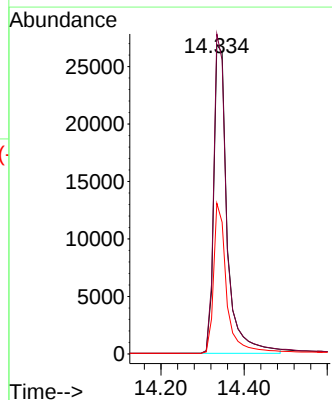
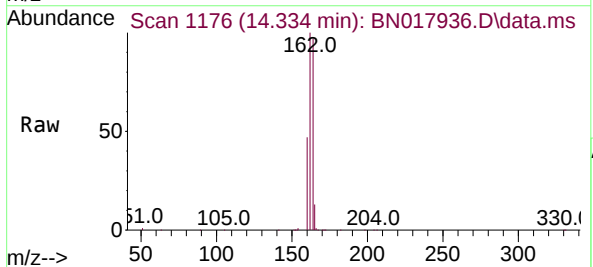
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

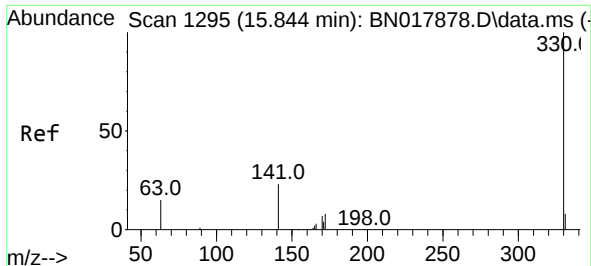
Tgt Ion:152 Resp: 52165
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion:164 Resp: 60459
Ion Ratio Lower Upper
164 100
162 103.4 82.1 123.1
160 48.7 38.2 57.2

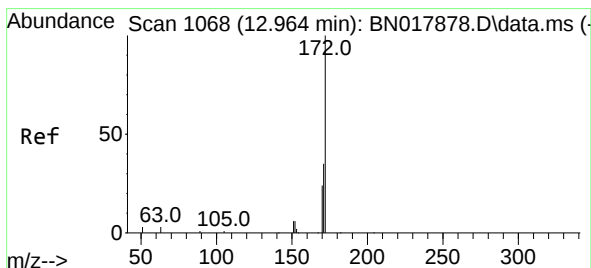
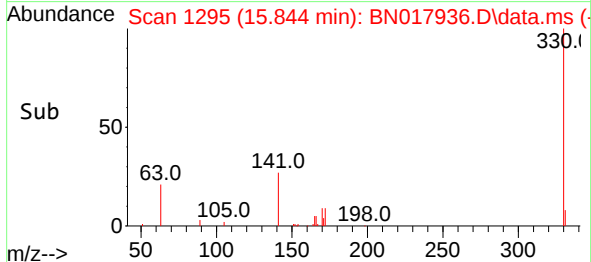
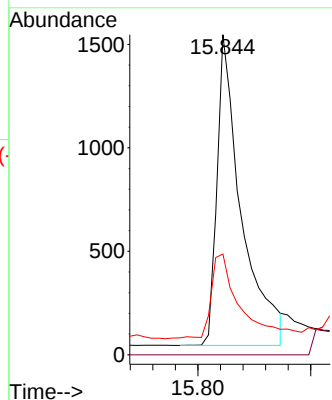
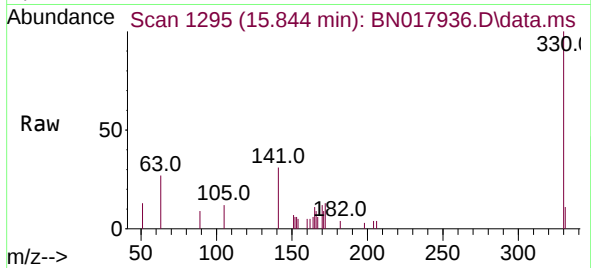




#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

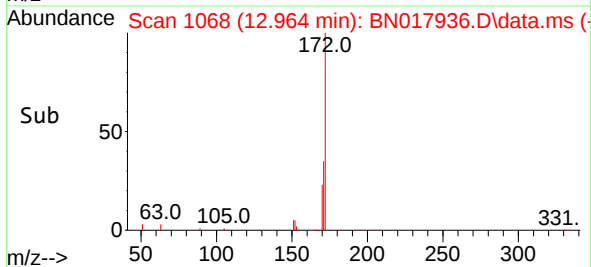
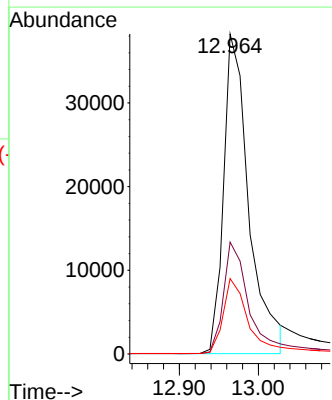
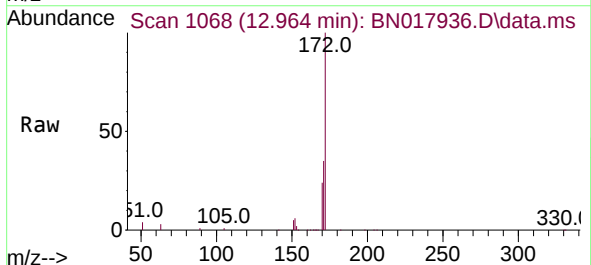
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

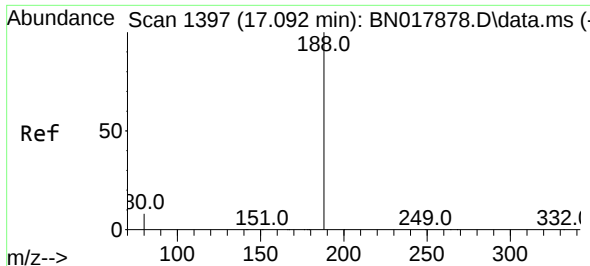
Tgt Ion: 330 Resp: 4482
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 19.7 29.5#



#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion: 172 Resp: 85009
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.5 19.1 28.7

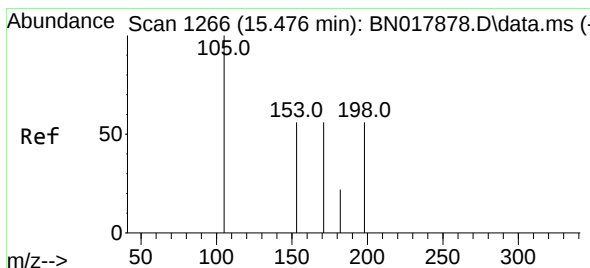
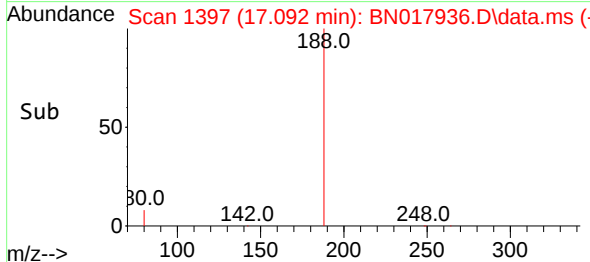
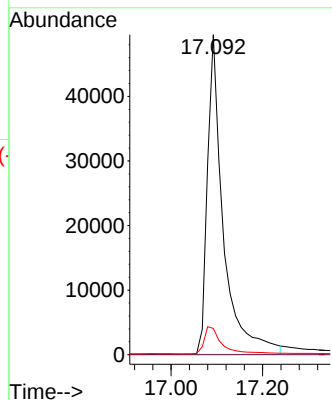
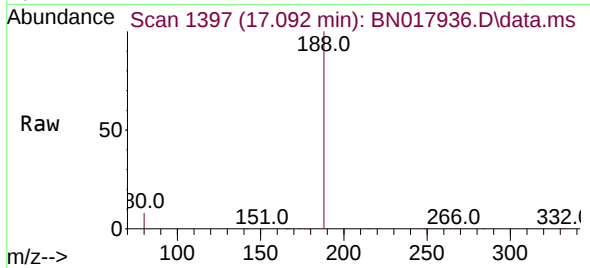




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

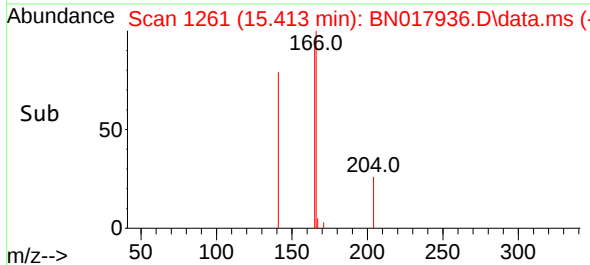
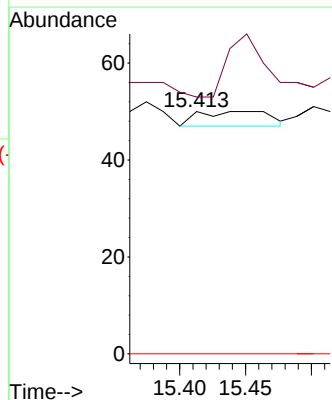
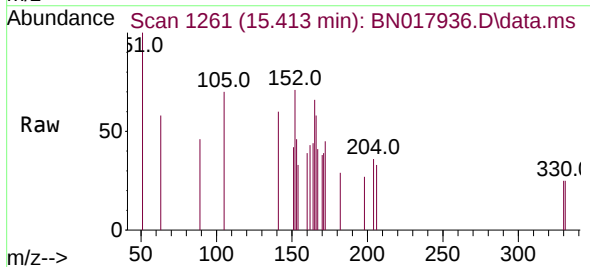
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

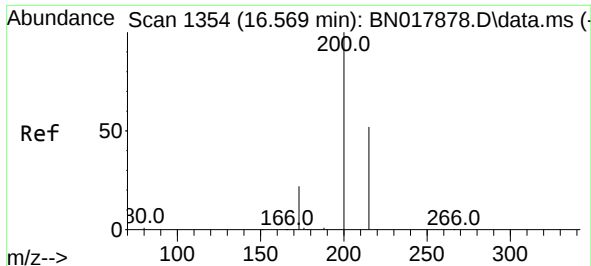
Tgt Ion:188 Resp: 119326
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 6.2 9.2



#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.413 min Scan# 1261
Delta R.T. -0.063 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
182 106.0 70.8 106.2
77 0.0 0.0 0.0

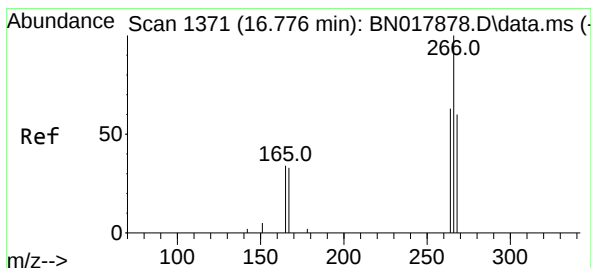
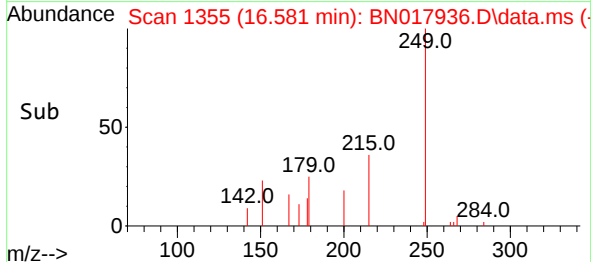
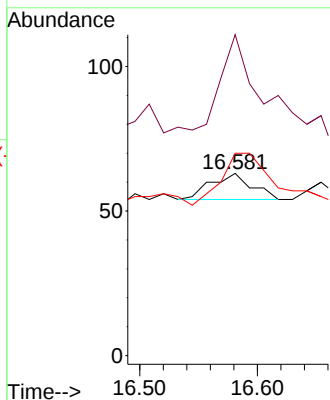
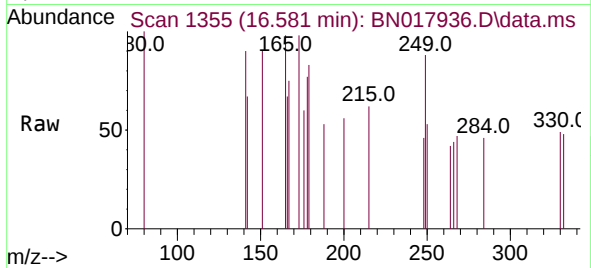




#23
 Atrazine
 Concen: 0.092 ng
 RT: 16.581 min Scan# 1355
 Delta R.T. 0.012 min
 Lab File: BN017936.D
 Acq: 12 Dec 2021 12:29

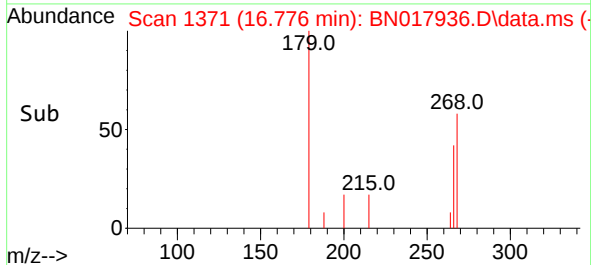
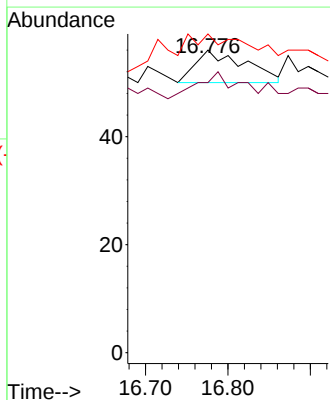
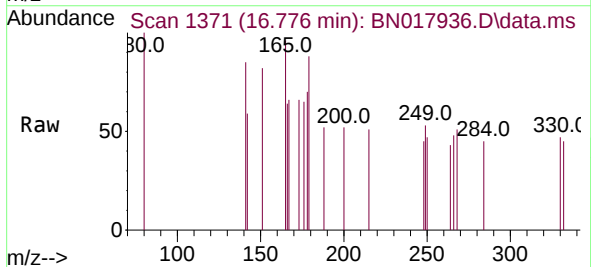
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20211205

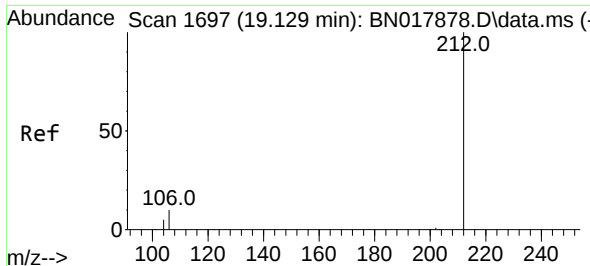
Tgt Ion:200 Resp: 22
 Ion Ratio Lower Upper
 200 100
 173 176.2 18.2 27.2#
 215 111.1 41.8 62.8#



#24
 Pentachlorophenol
 Concen: 0.096 ng
 RT: 16.776 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: BN017936.D
 Acq: 12 Dec 2021 12:29

Tgt Ion:266 Resp: 25
 Ion Ratio Lower Upper
 266 100
 264 80.0 50.6 76.0#
 268 0.0 53.7 80.5#

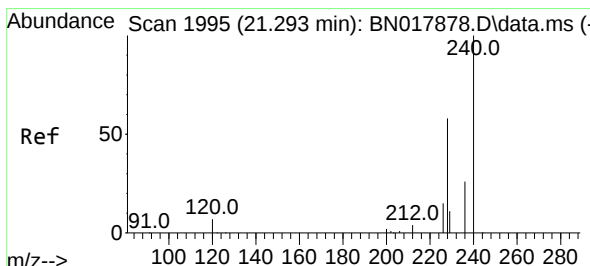
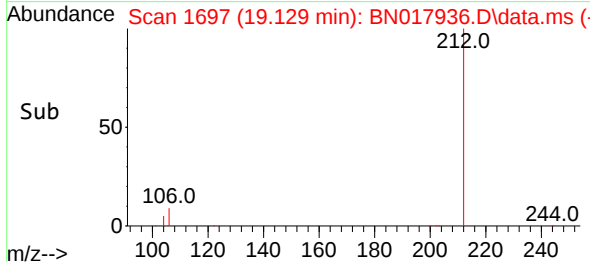
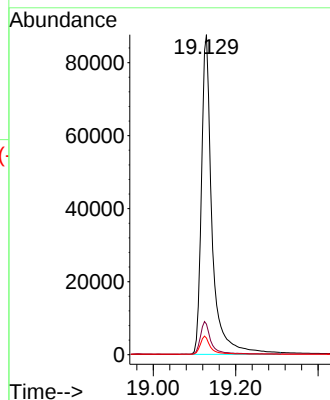
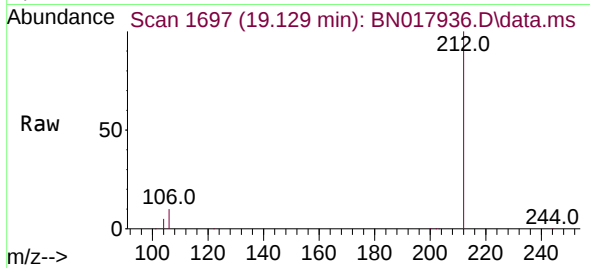




#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

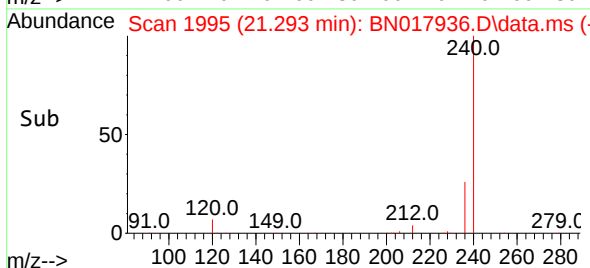
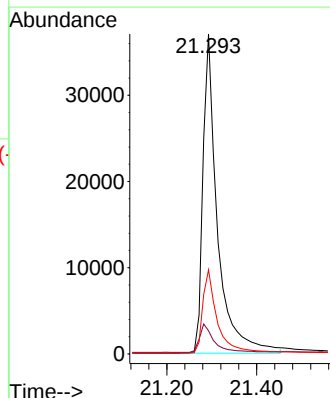
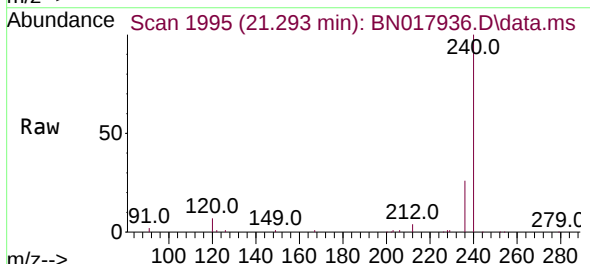
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

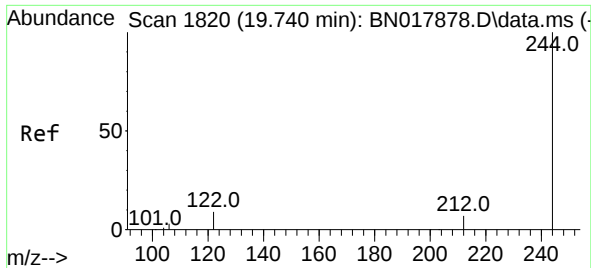
Tgt Ion:212 Resp: 157626
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.5 4.6 6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion:240 Resp: 83044
Ion Ratio Lower Upper
240 100
120 7.3 5.8 8.8
236 26.3 21.0 31.6

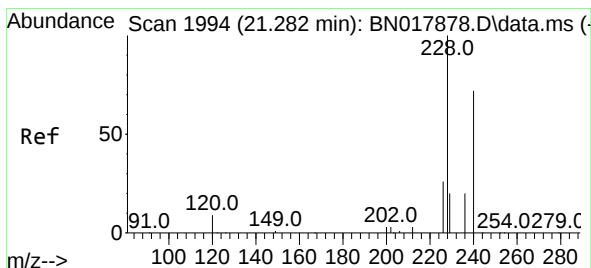
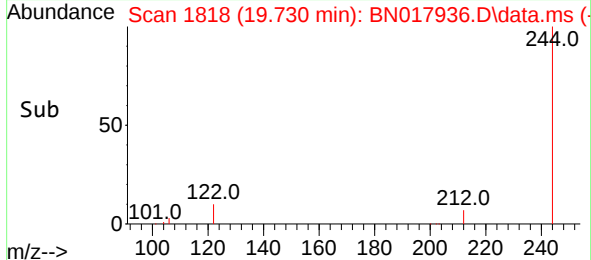
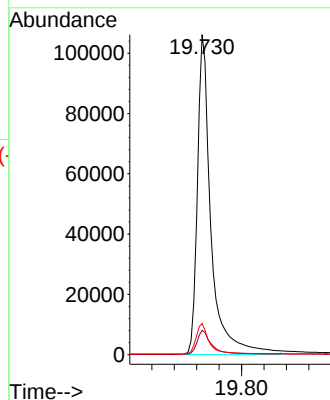
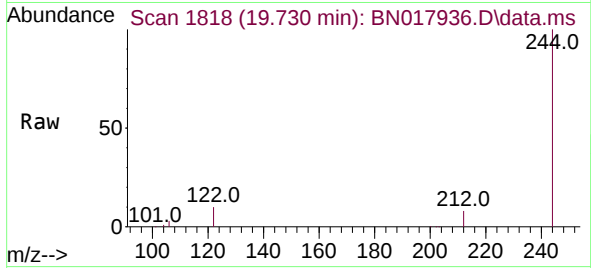




#31
 Terphenyl-d14
 Concen: 0.873 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017936.D
 Acq: 12 Dec 2021 12:29

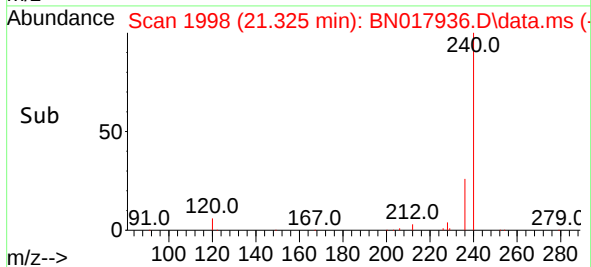
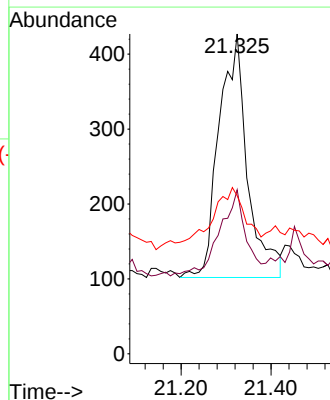
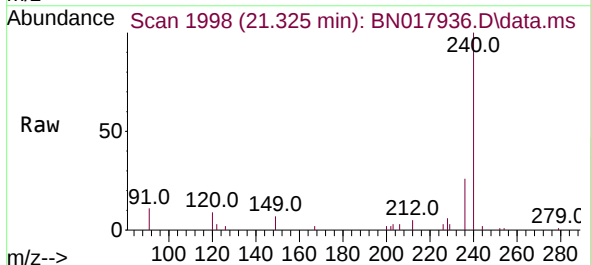
Instrument :
 BNA_N
 ClientSampleId :
 DUP07-20211205

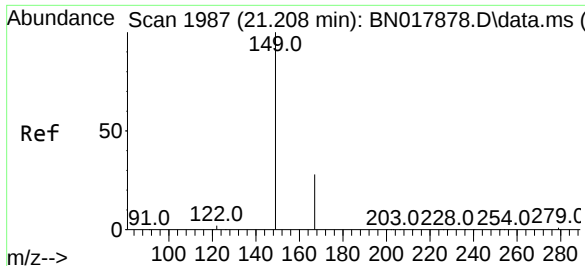
Tgt Ion:244 Resp: 178684
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 9.8 7.5 11.3



#32
 Benzo(a)anthracene
 Concen: 0.055 ng
 RT: 21.325 min Scan# 1998
 Delta R.T. 0.043 min
 Lab File: BN017936.D
 Acq: 12 Dec 2021 12:29

Tgt Ion:228 Resp: 1428
 Ion Ratio Lower Upper
 228 100
 226 51.3 21.0 31.4#
 229 49.4 15.8 23.8#

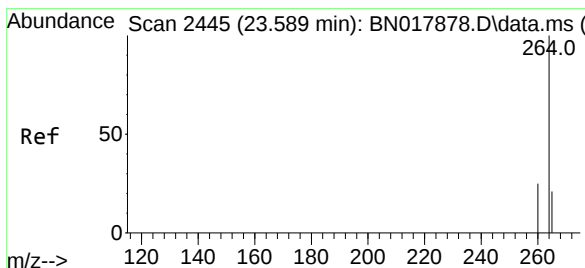
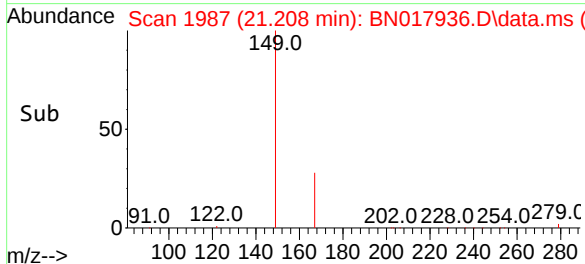
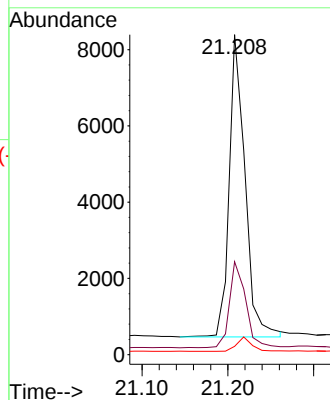
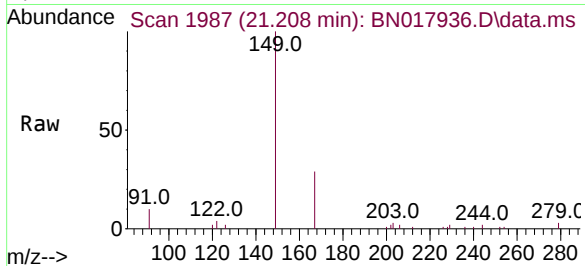




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.113 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

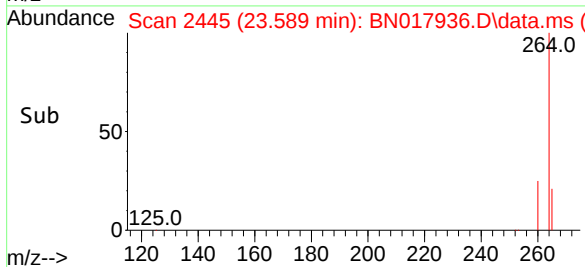
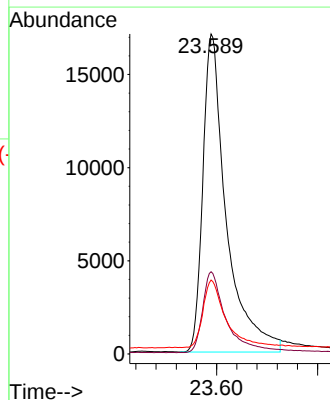
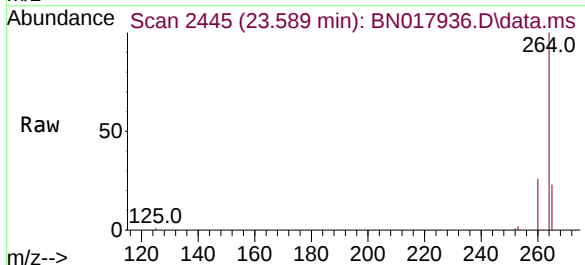
Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

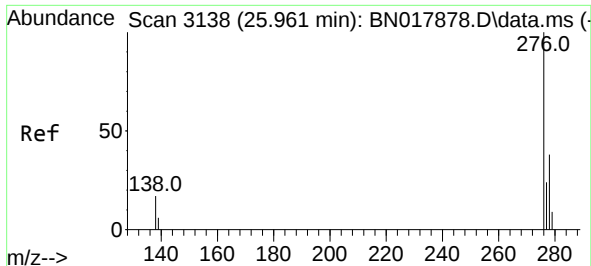
Tgt Ion:149	Resp:	10117
Ion Ratio	Lower	Upper
149	100	
167	29.4	23.4 35.0
279	4.4	3.6 5.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion:264	Resp:	54984
Ion Ratio	Lower	Upper
264	100	
260	25.7	20.2 30.4
265	23.1	18.2 27.4

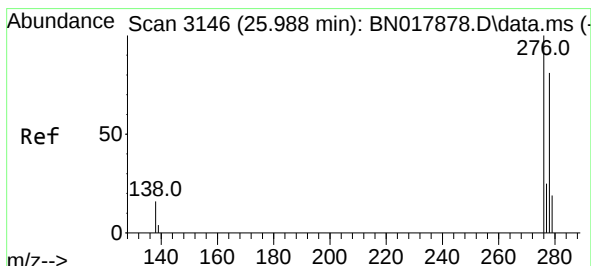
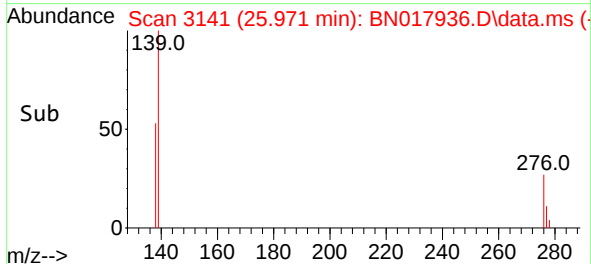
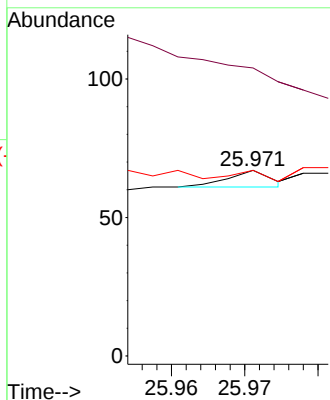
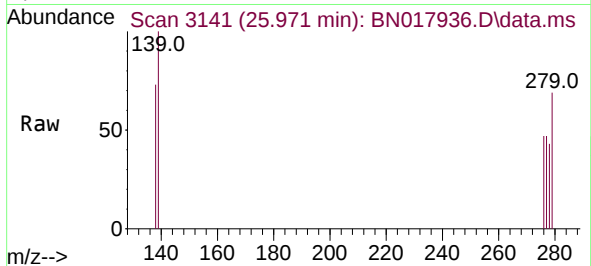




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 25.971 min Scan# 3138
Delta R.T. 0.010 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Instrument :
BNA_N
ClientSampleId :
DUP07-20211205

Tgt Ion:276 Resp: 2
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 200.0 19.8 29.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.101 ng
RT: 25.988 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BN017936.D
Acq: 12 Dec 2021 12:29

Tgt Ion:278 Resp: 2
Ion Ratio Lower Upper
278 100
139 198.4 12.0 18.0#
279 160.3 20.8 31.2#

