

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017913.D
 Acq On : 11 Dec 2021 20:12
 Operator : CG/JU
 Sample : PB141310BL
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

Quant Time: Dec 12 02:51:12 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)

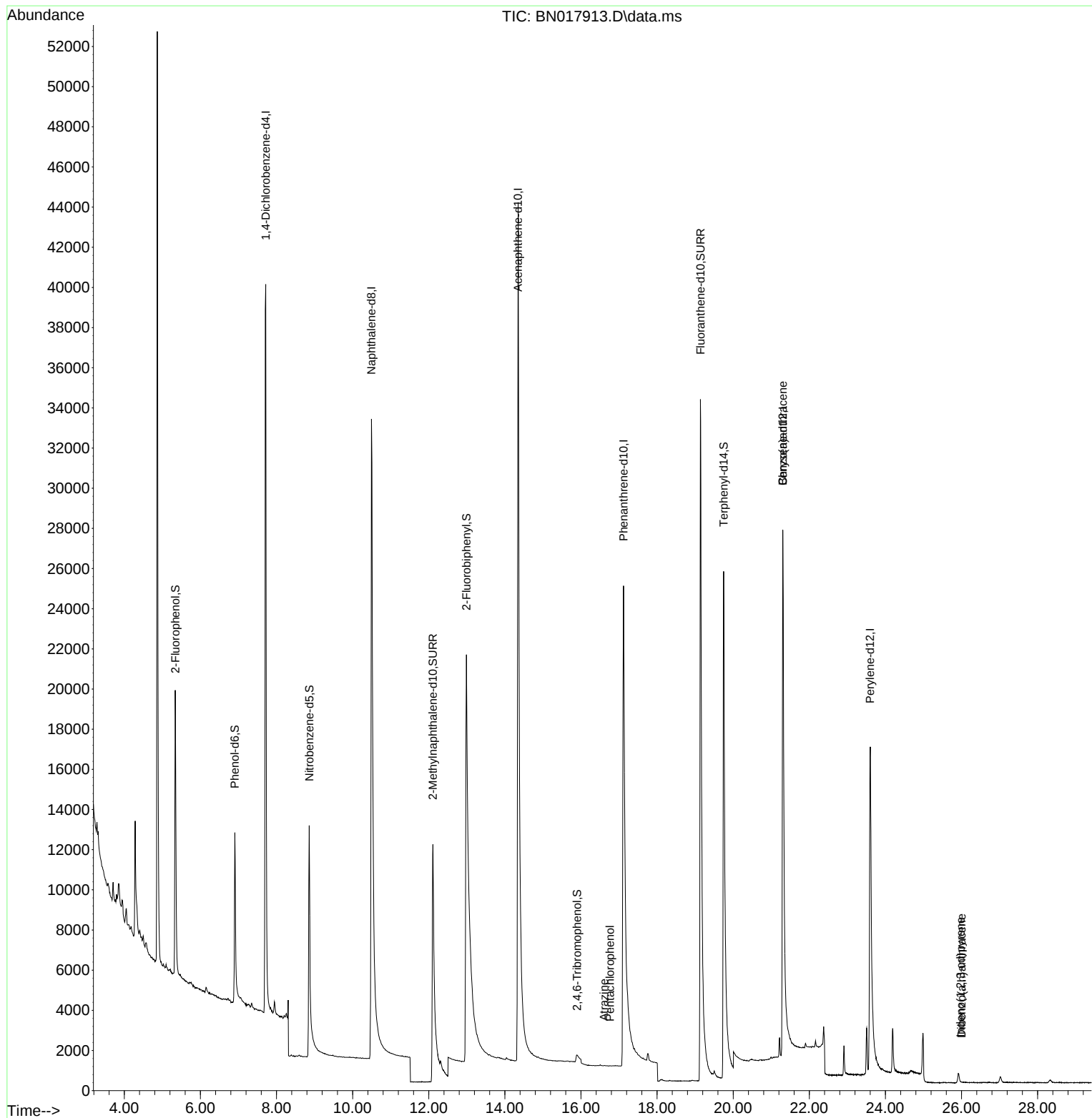
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23837	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	85048	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	50474	0.400	ng	0.01
19) Phenanthrene-d10	17.117	188	89741	0.400	ng	0.02
29) Chrysene-d12	21.304	240	58899	0.400	ng	# 0.01
35) Perylene-d12	23.599	264	40871	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	14177	0.288	ng	0.02
5) Phenol-d6	6.903	99	9822	0.201	ng	0.00
8) Nitrobenzene-d5	8.859	82	15295	0.275	ng	0.00
11) 2-Methylnaphthalene-d10	12.108	152	39884	0.267	ng	0.02
14) 2,4,6-Tribromophenol	15.895	330	824	0.362	ng	0.05
15) 2-Fluorobiphenyl	12.990	172	40320	0.227	ng	0.03
27) Fluoranthene-d10	19.139	212	91109	0.313	ng	0.01
31) Terphenyl-d14	19.750	244	66938	0.461	ng	0.01
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.527	198	1	Below Cal	#	81
23) Atrazine	16.606	200	6	0.092	ng	# 13
24) Pentachlorophenol	16.764	266	1	0.082	ng	# 1
32) Benzo(a)anthracene	21.304	228	308	0.052	ng	# 29
36) Indeno(1,2,3-cd)pyrene	25.978	276	3	0.089	ng	# 1
40) Dibenzo(a,h)anthracene	26.002	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 : BN017913.D
Acq On : 11 Dec 2021 20:12
Operator : CG/JU
Sample : PB141310BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141310BL

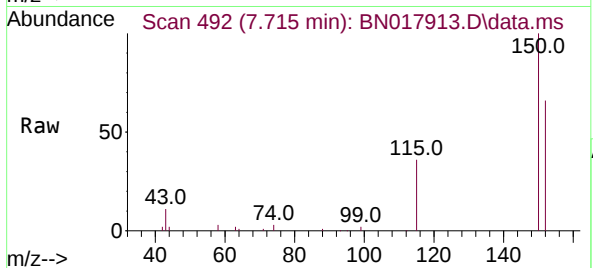
Quant Time: Dec 12 02:51:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration



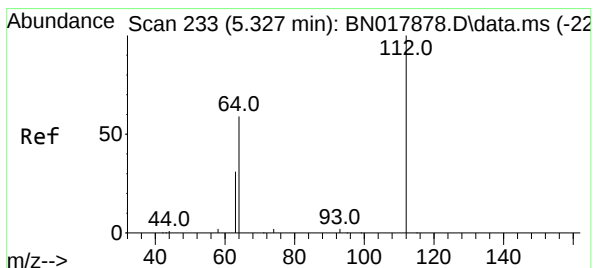
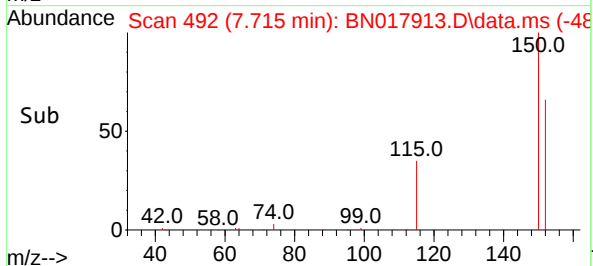
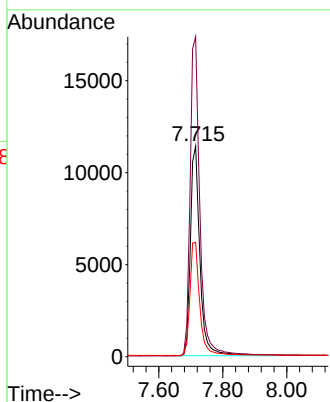


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Instrument :
BNA_N
ClientSampleId :
PB141310BL

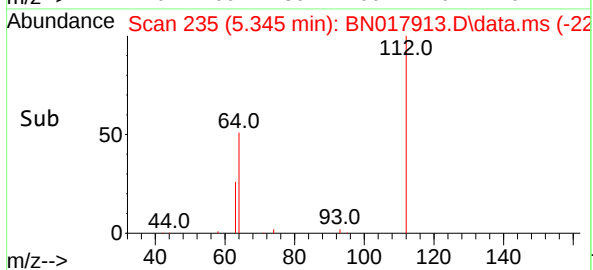
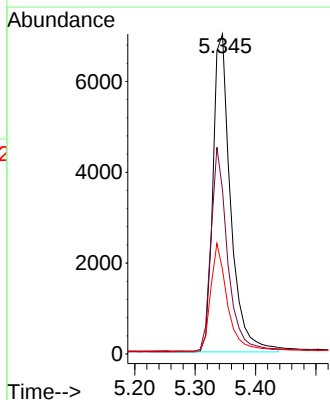
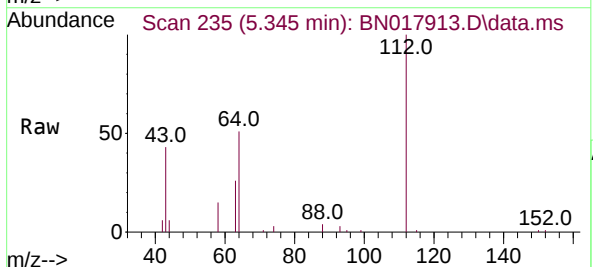


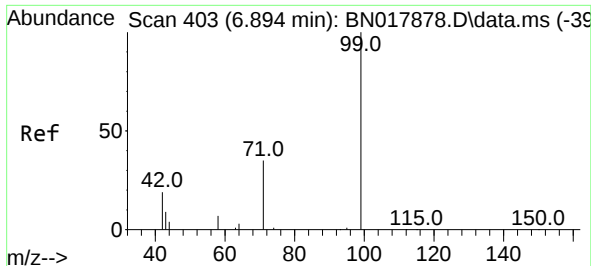
Tgt Ion:152 Resp: 23837
Ion Ratio Lower Upper
152 100
150 152.0 121.9 182.9
115 54.4 44.1 66.1



#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.345 min Scan# 235
Delta R.T. 0.019 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Tgt Ion:112 Resp: 14177
Ion Ratio Lower Upper
112 100
64 60.5 49.0 73.4
63 31.9 26.2 39.2

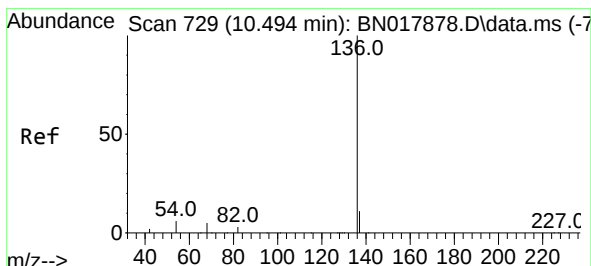
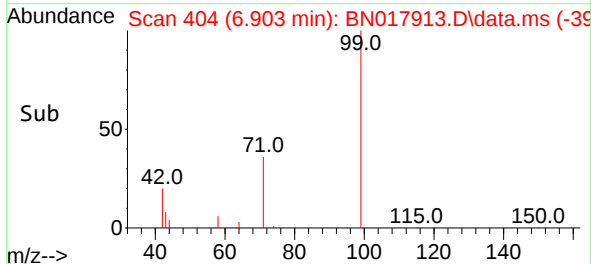
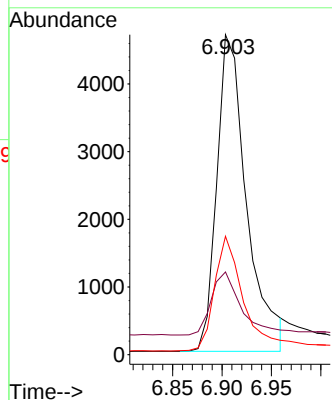
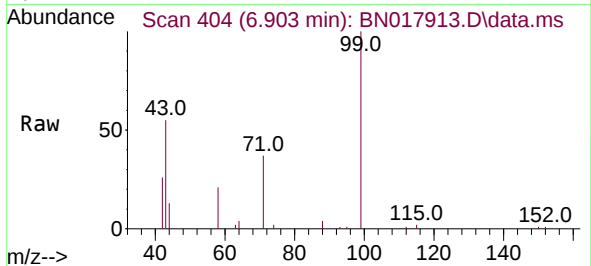




#5
Phenol-d6
Concen: 0.201 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

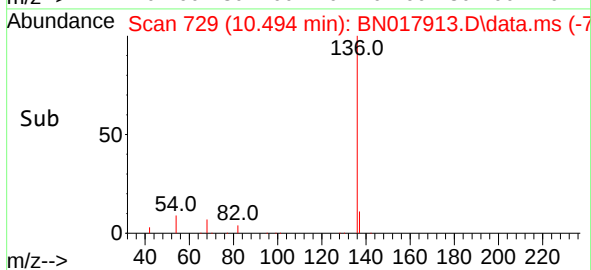
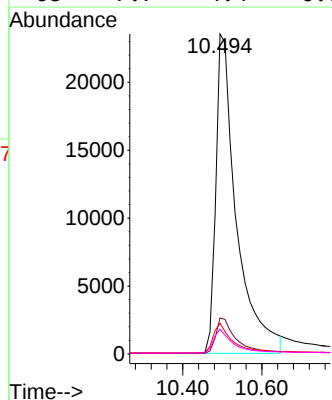
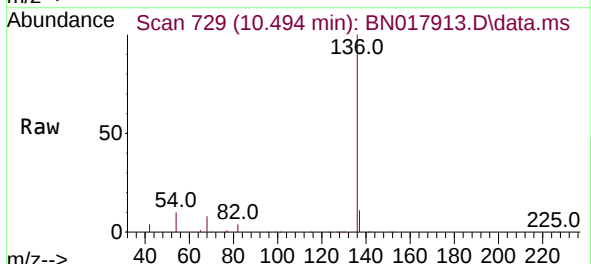
Instrument :
BNA_N
ClientSampleId :
PB141310BL

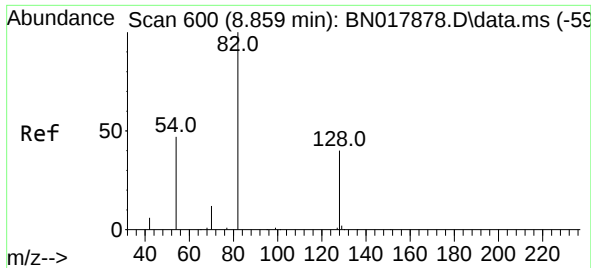
Tgt Ion: 99 Resp: 9822
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 34.9 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Tgt Ion: 136 Resp: 85048
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.6 5.1 7.7#
68 7.7 4.4 6.6#

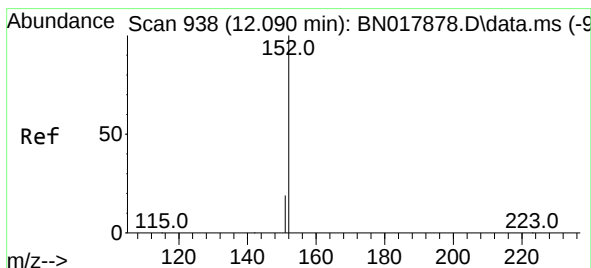
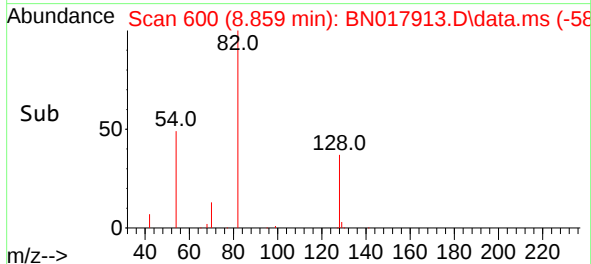
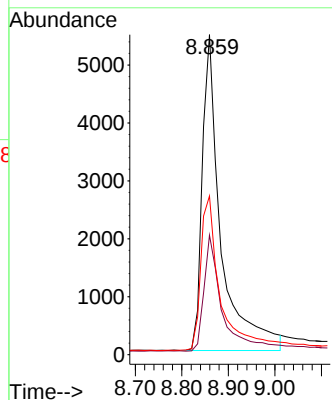
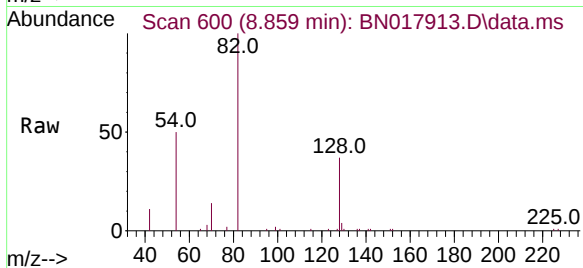




#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

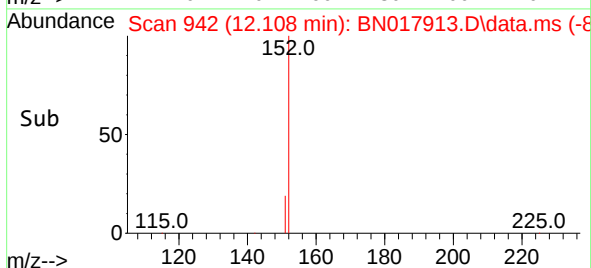
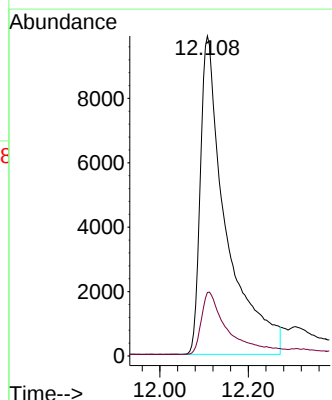
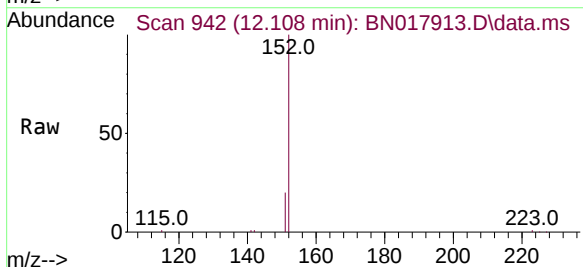
Instrument :
BNA_N
ClientSampleId :
PB141310BL

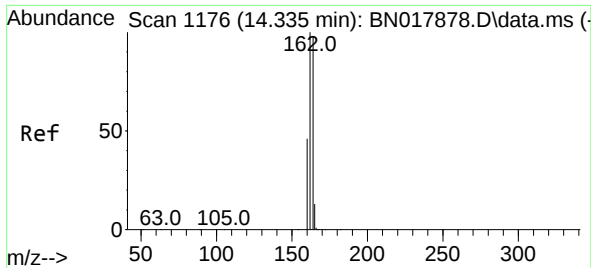
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.2	48.4
54	49.6	37.6	56.4



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.108 min Scan# 942
Delta R.T. 0.018 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6

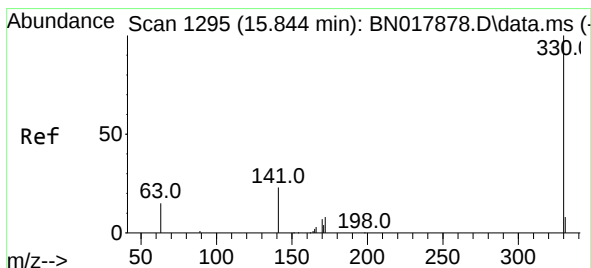
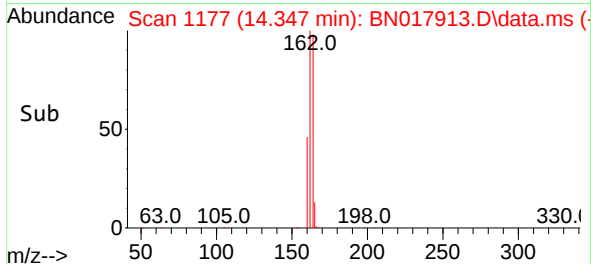
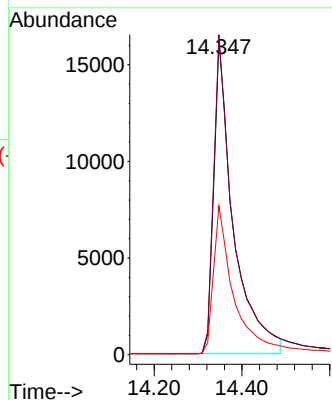
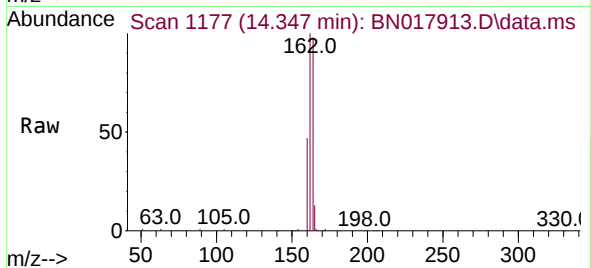




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.347 min Scan# 1177
 Delta R.T. 0.013 min
 Lab File: BN017913.D
 Acq: 11 Dec 2021 20:12

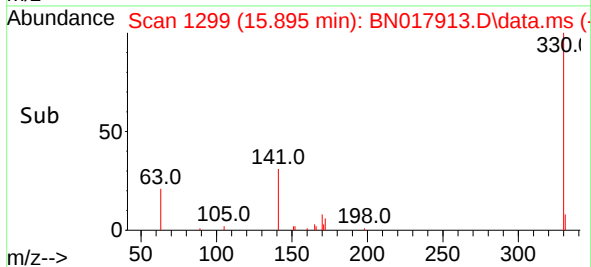
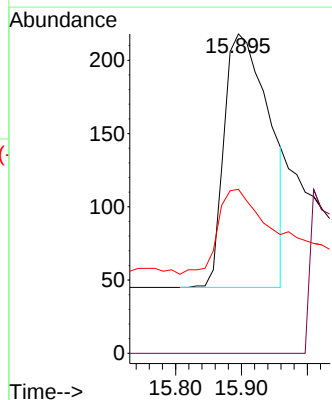
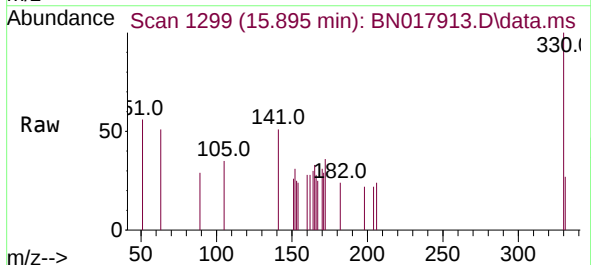
Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

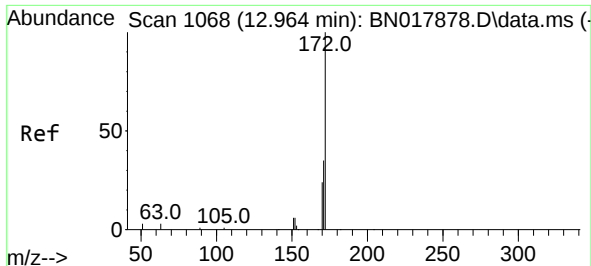
Tgt Ion:164 Resp: 50474
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.1 123.1
 160 47.3 38.2 57.2



#14
 2,4,6-Tribromophenol
 Concen: 0.362 ng
 RT: 15.895 min Scan# 1299
 Delta R.T. 0.051 min
 Lab File: BN017913.D
 Acq: 11 Dec 2021 20:12

Tgt Ion:330 Resp: 824
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 34.6 19.7 29.5#

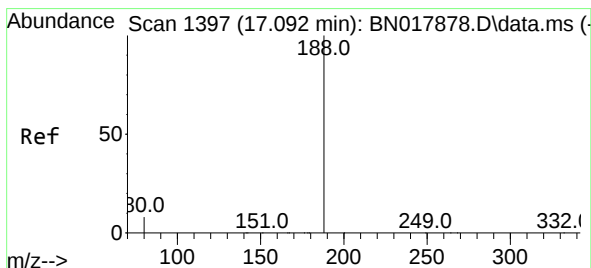
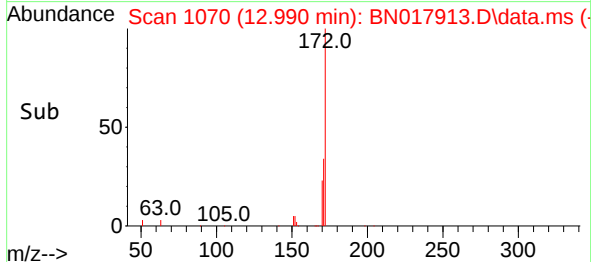
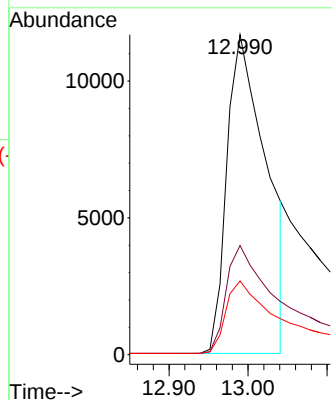
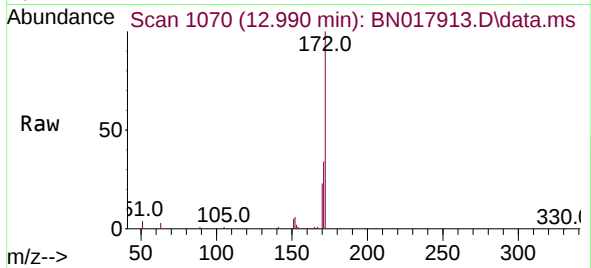




#15
2-Fluorobiphenyl
Concen: 0.227 ng
RT: 12.990 min Scan# 1068
Delta R.T. 0.026 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

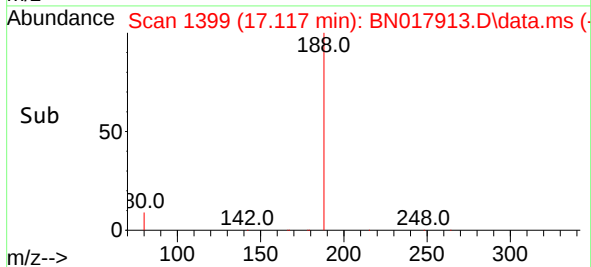
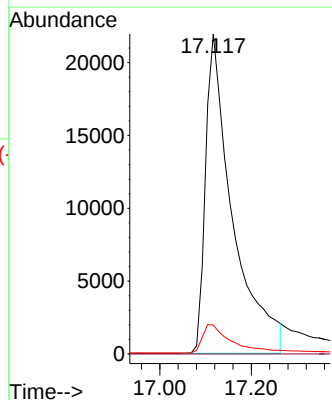
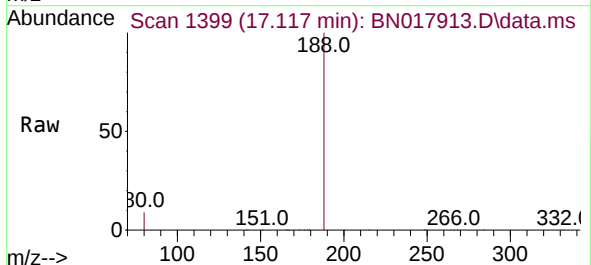
Instrument :
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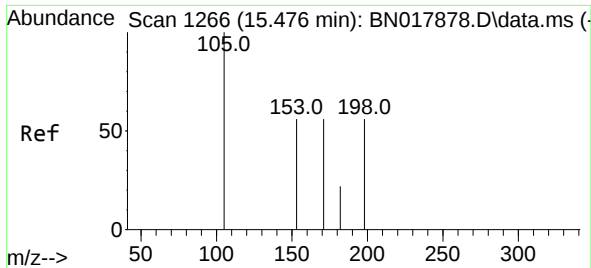
Tgt Ion:172 Resp: 40320
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 23.0 19.1 28.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1399
Delta R.T. 0.025 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Tgt Ion:188 Resp: 89741
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 6.2 9.2

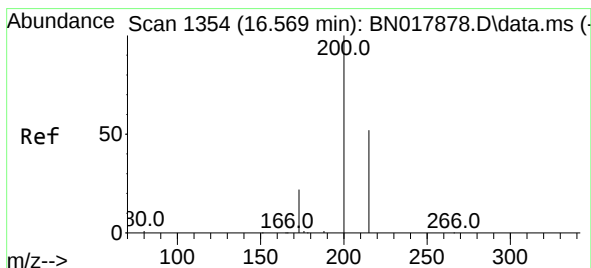
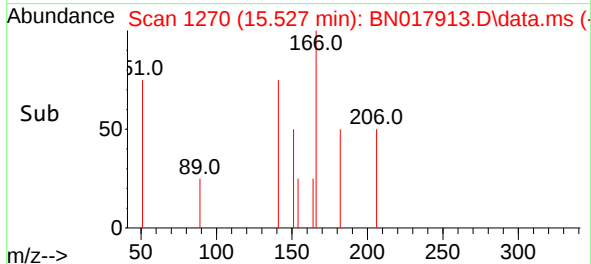
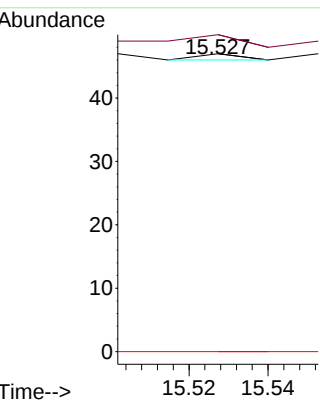
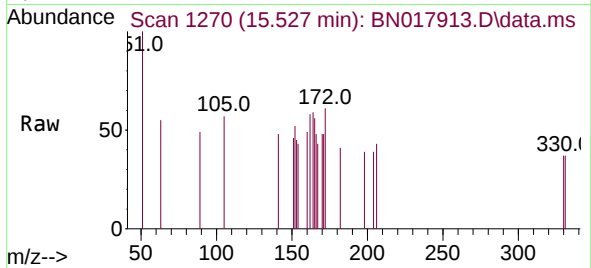




#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.527 min Scan# 11
Delta R.T. 0.051 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

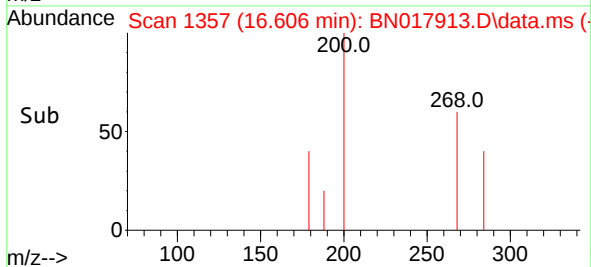
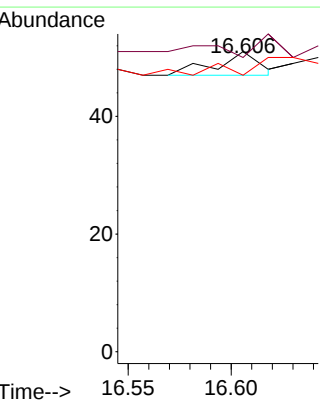
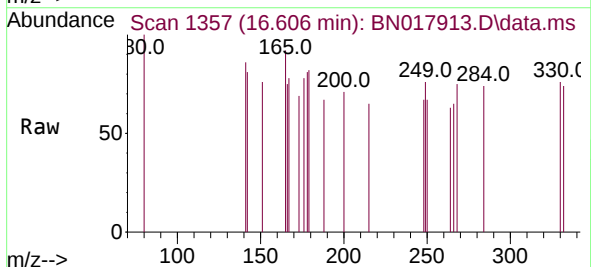
Instrument :
BNA_N
ClientSampleId :
PB141310BL

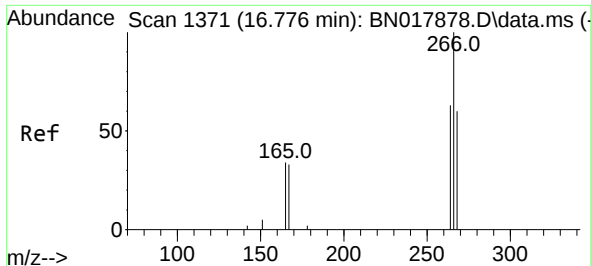
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
182 106.4 70.8 106.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.092 ng
RT: 16.606 min Scan# 1357
Delta R.T. 0.037 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

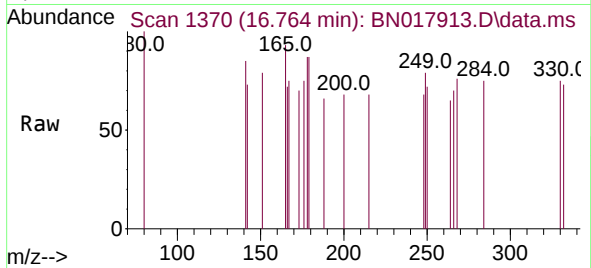
Tgt Ion:200 Resp: 6
Ion Ratio Lower Upper
200 100
173 98.0 18.2 27.2#
215 92.2 41.8 62.8#



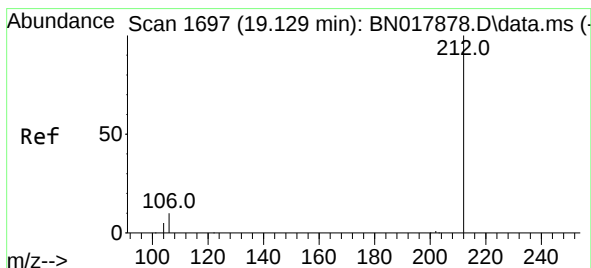
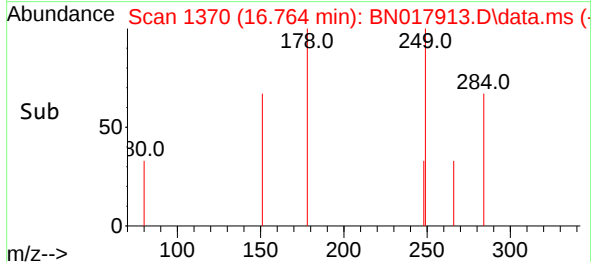
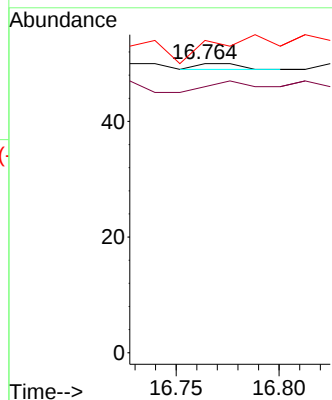


#24
Pentachlorophenol
Concen: 0.082 ng
RT: 16.764 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Instrument :
BNA_N
ClientSampleId :
PB141310BL

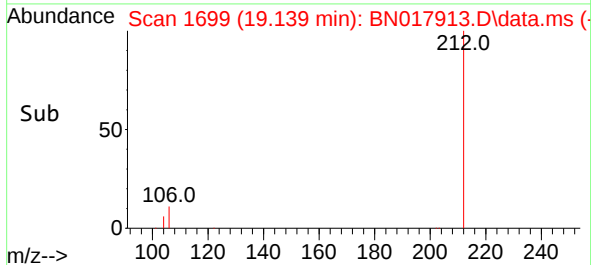
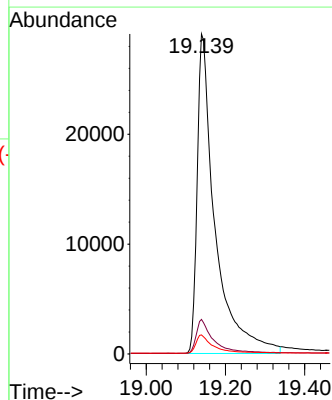
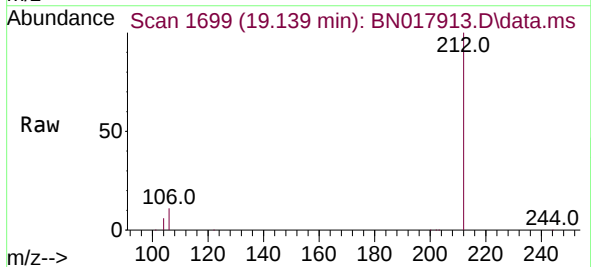


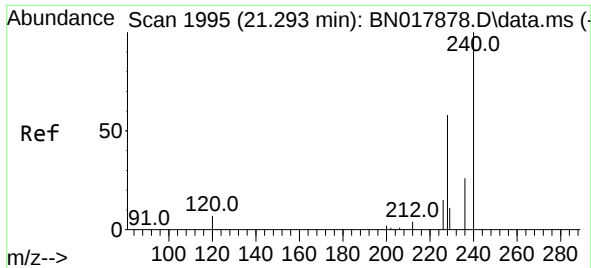
Tgt Ion:266 Resp: 1
Ion Ratio Lower Upper
266 100
264 400.0 50.6 76.0#
268 0.0 53.7 80.5#



#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.139 min Scan# 1699
Delta R.T. 0.010 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Tgt Ion:212 Resp: 91109
Ion Ratio Lower Upper
212 100
106 10.4 8.3 12.5
104 5.7 4.6 6.8

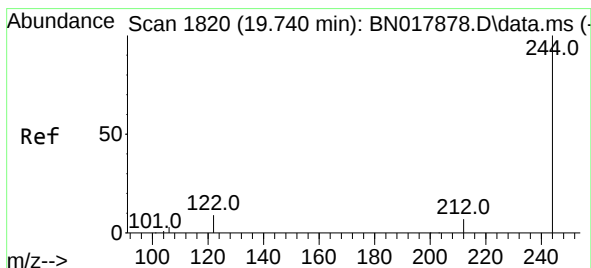
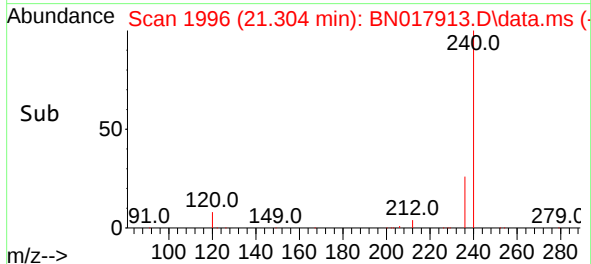
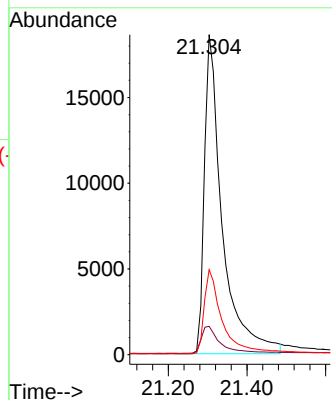
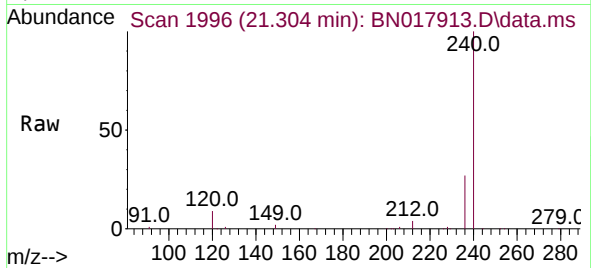




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1996
Delta R.T. 0.011 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

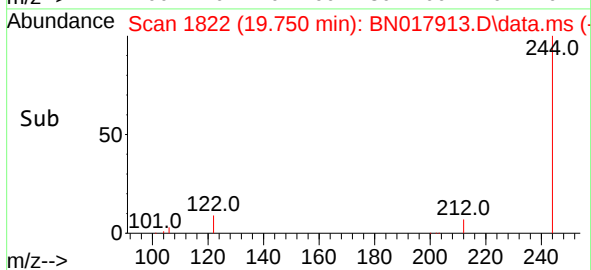
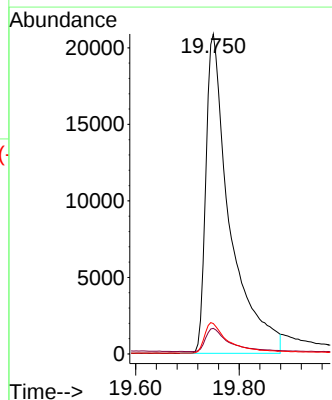
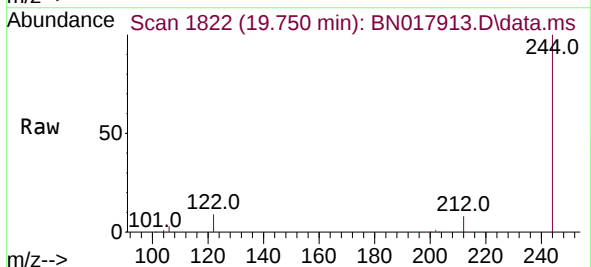
Instrument :
BNA_N
ClientSampleId :
PB141310BL

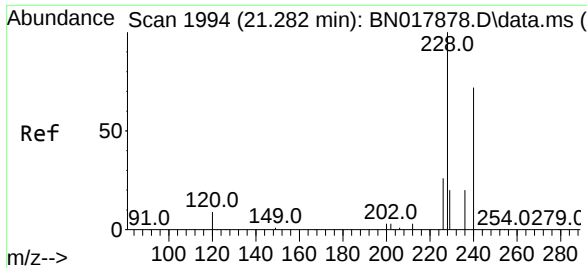
Tgt Ion:240 Resp: 58899
Ion Ratio Lower Upper
240 100
120 8.9 5.8 8.8#
236 26.6 21.0 31.6



#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.750 min Scan# 1822
Delta R.T. 0.010 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Tgt Ion:244 Resp: 66938
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.2
122 9.5 7.5 11.3

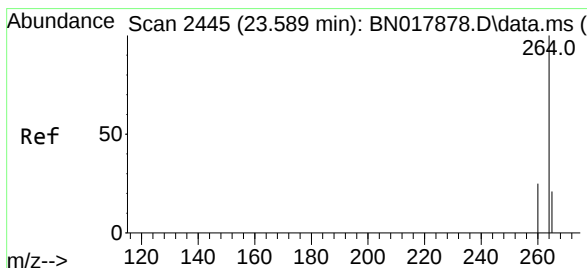
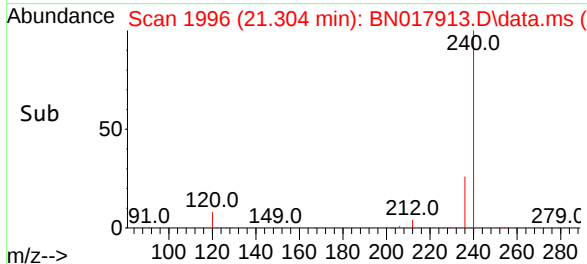
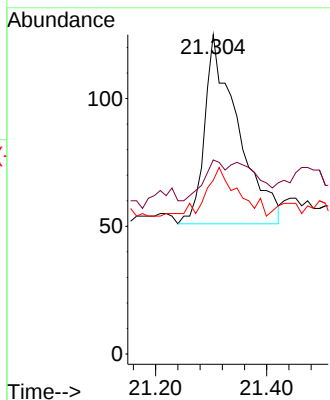
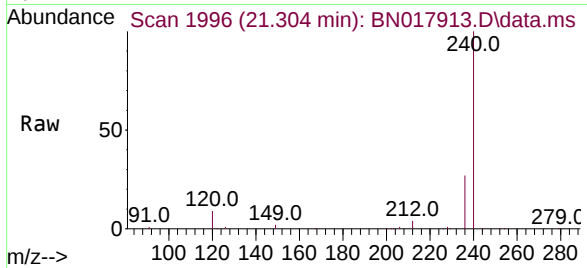




#32
Benzo(a)anthracene
Concen: 0.052 ng
RT: 21.304 min Scan# 1996
Delta R.T. 0.022 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

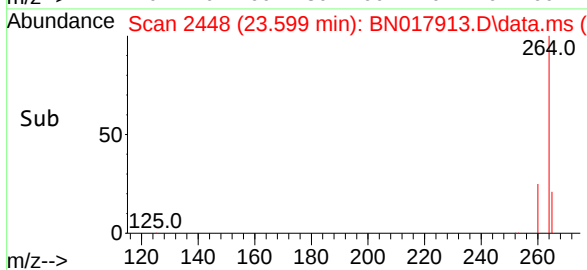
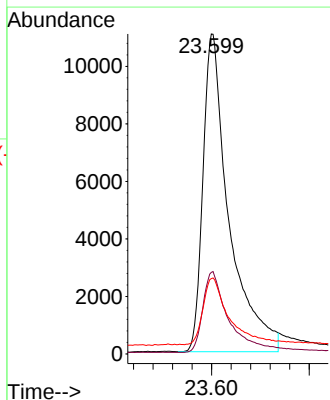
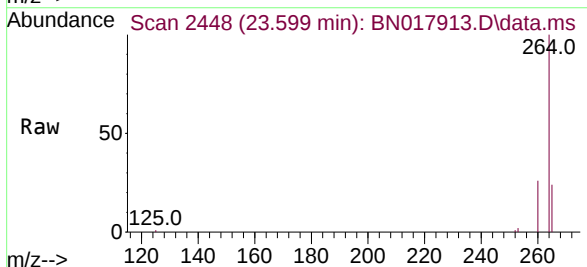
Instrument :
BNA_N
ClientSampleId :
PB141310BL

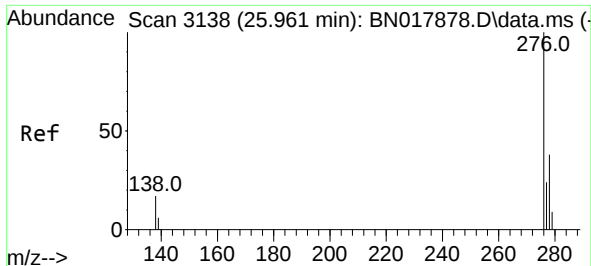
Tgt Ion:228 Resp: 308
Ion Ratio Lower Upper
228 100
226 60.8 21.0 31.4#
229 54.4 15.8 23.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.599 min Scan# 2448
Delta R.T. 0.010 min
Lab File: BN017913.D
Acq: 11 Dec 2021 20:12

Tgt Ion:264 Resp: 40871
Ion Ratio Lower Upper
264 100
260 25.5 20.2 30.4
265 23.6 18.2 27.4

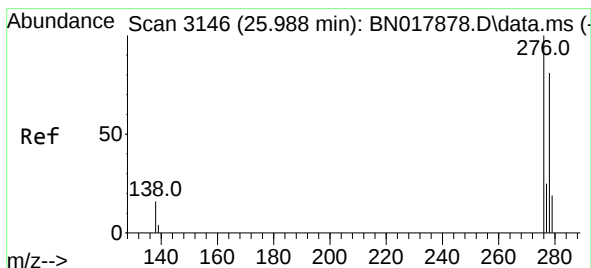
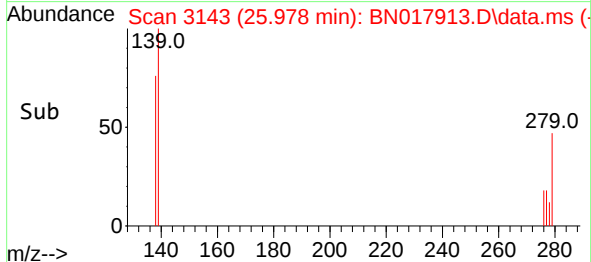
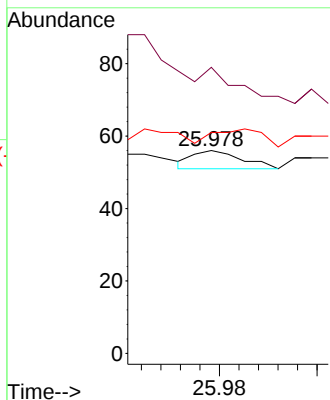
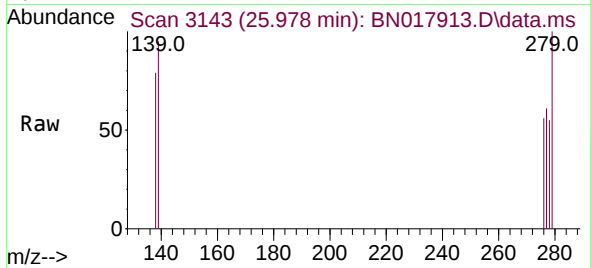




#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.089 ng
 RT: 25.978 min Scan# 3138
 Delta R.T. 0.017 min
 Lab File: BN017913.D
 Acq: 11 Dec 2021 20:12

Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

Tgt Ion:276 Resp: 3
 Ion Ratio Lower Upper
 276 100
 138 0.0 15.2 22.8#
 277 100.0 19.8 29.6#



#40
 Dibenzo(a,h)anthracene
 Concen: 0.101 ng
 RT: 26.002 min Scan# 3150
 Delta R.T. 0.014 min
 Lab File: BN017913.D
 Acq: 11 Dec 2021 20:12

Tgt Ion:278 Resp: 3
 Ion Ratio Lower Upper
 278 100
 139 162.5 12.0 18.0#
 279 167.9 20.8 31.2#

