

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
 Data File : BN013290.D
 Acq On : 23 Dec 2020 02:38
 Operator : CG/JU
 Sample : L5123-04DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20201211DL

Quant Time: Dec 23 03:14:28 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 10:46:43 2020
 Response via : Initial Calibration

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

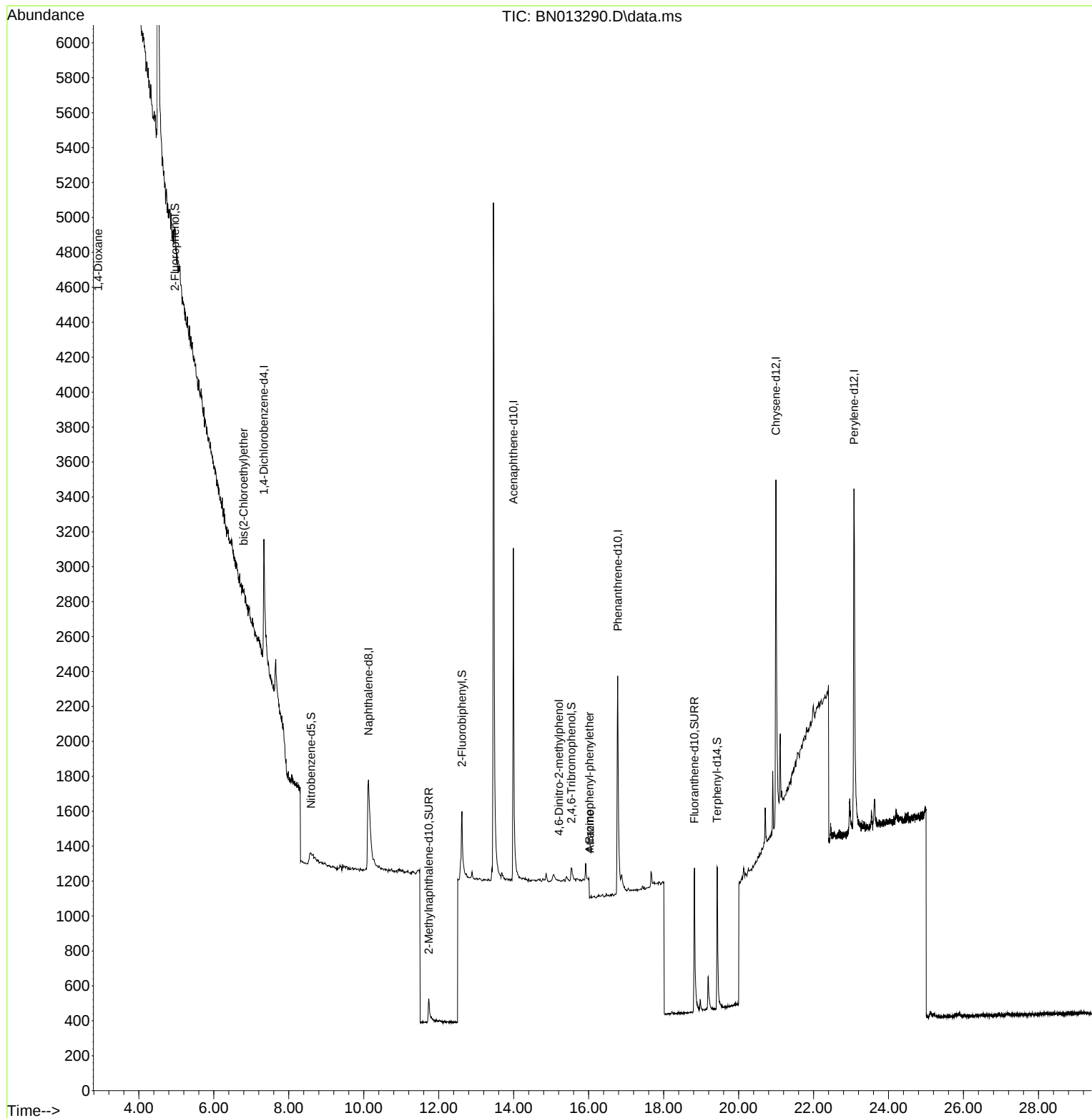
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	679	0.40	ng	# 0.00
7) Naphthalene-d8	10.125	136	1862	0.40	ng	# 0.03
13) Acenaphthene-d10	13.991	164	1338	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2767	0.40	ng	# 0.01
29) Chrysene-d12	20.995	240	3070	0.40	ng	# 0.00
36) Perylene-d12	23.078	264	3327	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	116	0.04	ng	0.00
5) Phenol-d6	6.613	99	43	0.02	ng	0.07
8) Nitrobenzene-d5	8.591	82	176	0.09	ng	0.09
11) 2-Methylnaphthalene-d10	11.733	152	345	0.11	ng	0.03
14) 2,4,6-Tribromophenol	15.539	330	92	0.11	ng	0.01
15) 2-Fluorobiphenyl	12.621	172	568	0.10	ng	0.01
27) Fluoranthene-d10	18.821	212	1458	0.16	ng	0.00
31) Terphenyl-d14	19.427	244	1307	0.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.917	88	2680	2.26	ng	# 89
6) bis(2-Chloroethyl)ether	6.798	93	55	0.03	ng	# 72
20) 4,6-Dinitro-2-methylph...	15.209	198	5	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	101	0.19	ng	# 79
23) Atrazine	16.033	200	202	0.12	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.910	149	328	Below	Cal	# 92

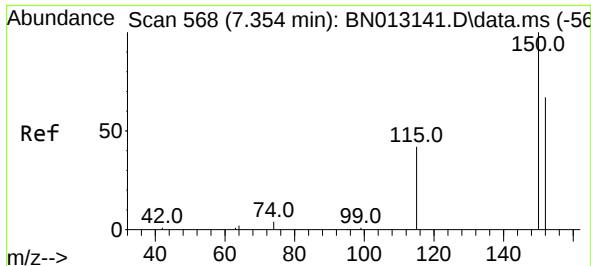
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013290.D
Acq On : 23 Dec 2020 02:38
Operator : CG/JU
Sample : L5123-04DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

Quant Time: Dec 23 03:14:28 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

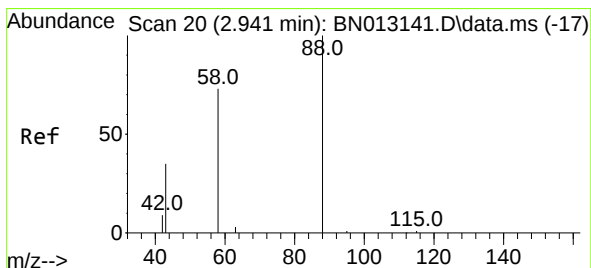
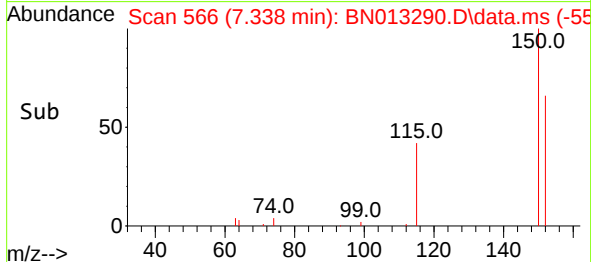
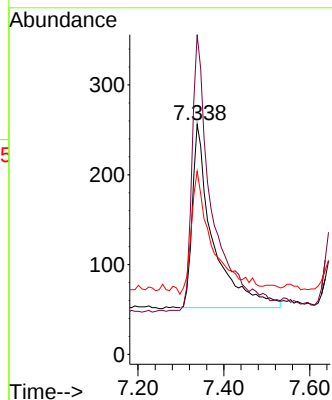
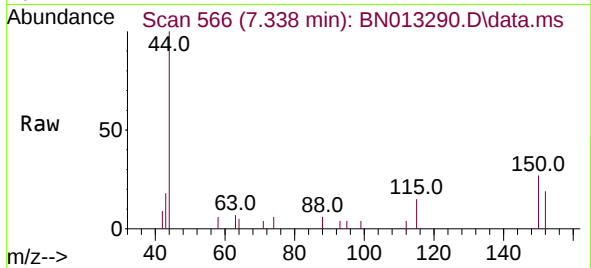




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

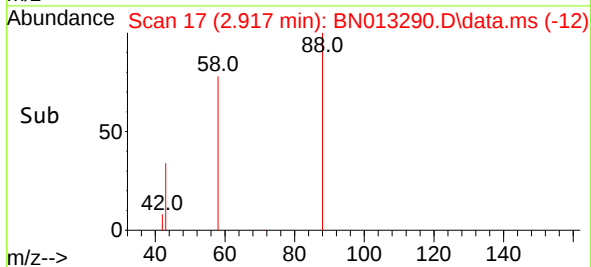
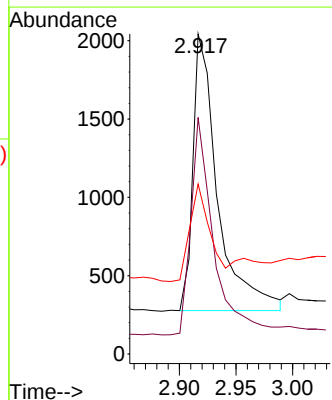
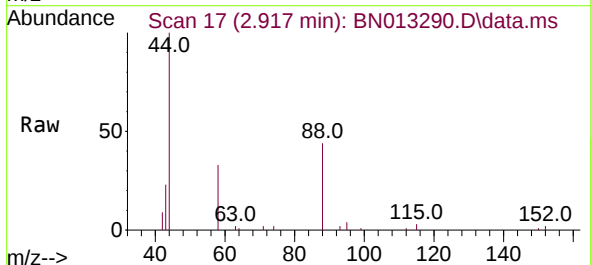
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

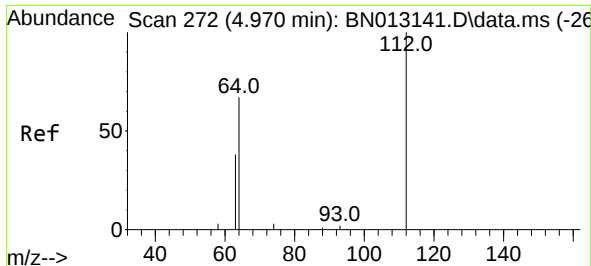
Tgt Ion:152 Resp: 679
Ion Ratio Lower Upper
152 100
150 139.1 116.6 174.8
115 79.7 52.9 79.3#



#2
1,4-Dioxane
Concen: 2.26 ng
RT: 2.917 min Scan# 17
Delta R.T. -0.008 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion: 88 Resp: 2680
Ion Ratio Lower Upper
88 100
58 80.2 59.4 89.2
43 28.8 32.3 48.5#

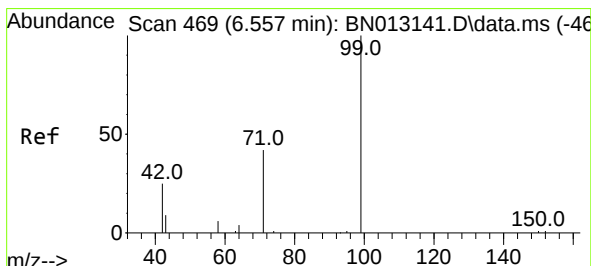
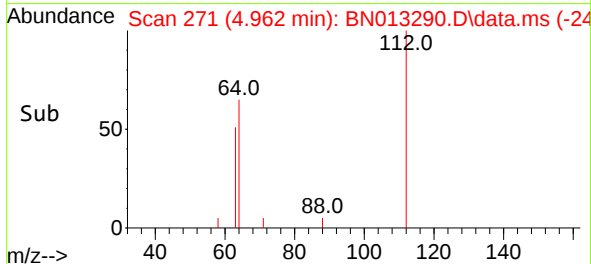
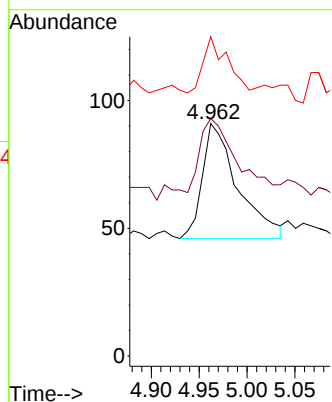
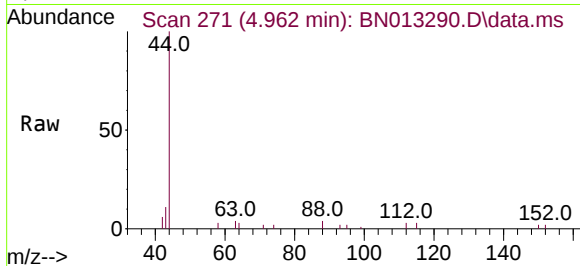




#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

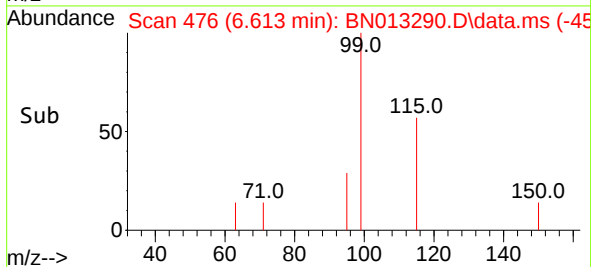
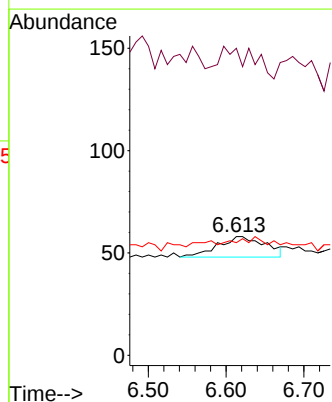
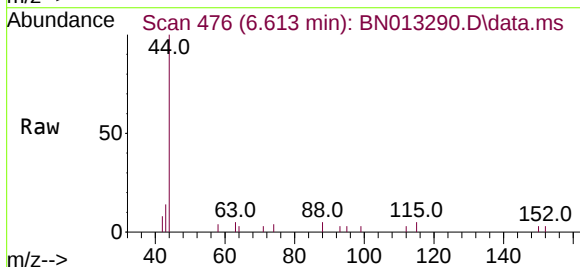
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

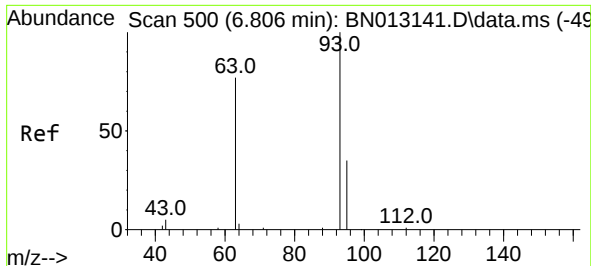
Tgt Ion:112 Resp: 116
Ion Ratio Lower Upper
112 100
64 87.1 49.5 74.3#
63 33.6 32.0 48.0



#5
Phenol-d6
Concen: 0.02 ng
RT: 6.613 min Scan# 476
Delta R.T. 0.072 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion: 99 Resp: 43
Ion Ratio Lower Upper
99 100
42 30.2 22.4 33.6
71 0.0 37.8 56.6#

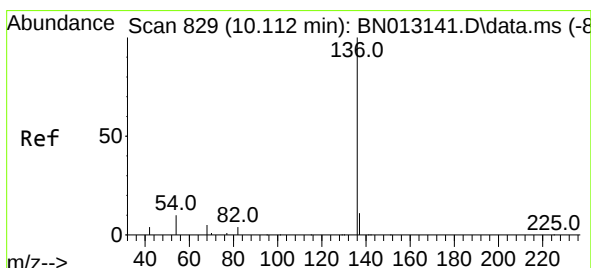
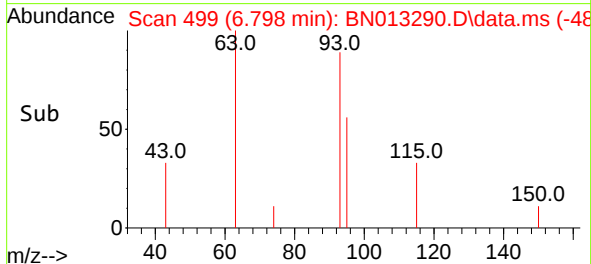
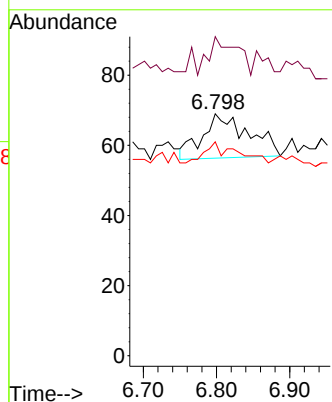
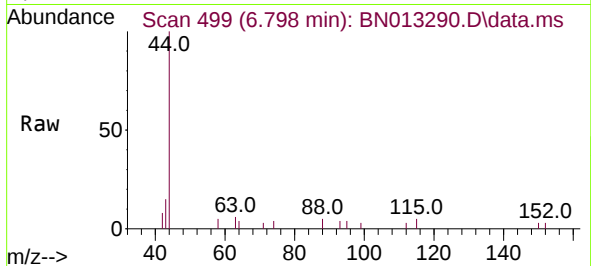




#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 6.798 min Scan# 499
Delta R.T. 0.016 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

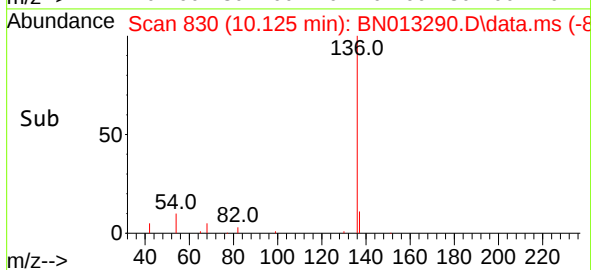
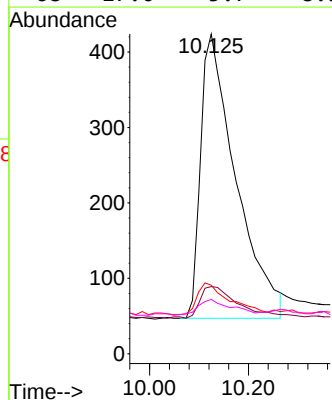
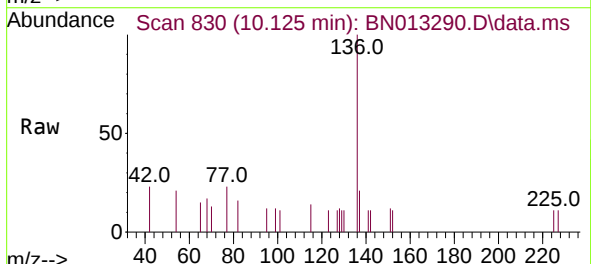
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

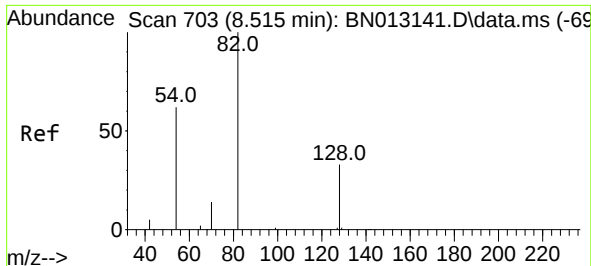
Tgt Ion: 93 Resp: 55
Ion Ratio Lower Upper
93 100
63 56.4 63.1 94.7#
95 14.5 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.025 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion:136 Resp: 1862
Ion Ratio Lower Upper
136 100
137 21.0 10.6 15.8#
54 21.5 8.6 12.8#
68 17.0 5.7 8.5#

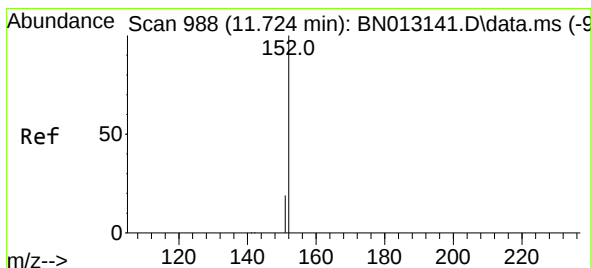
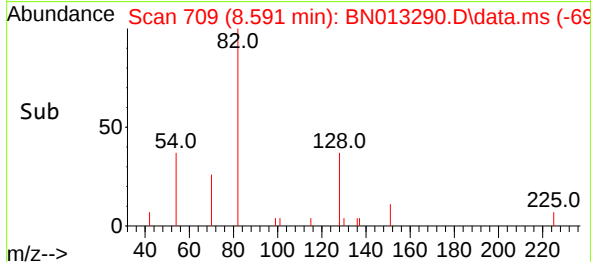
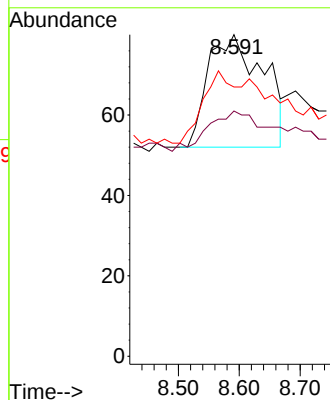
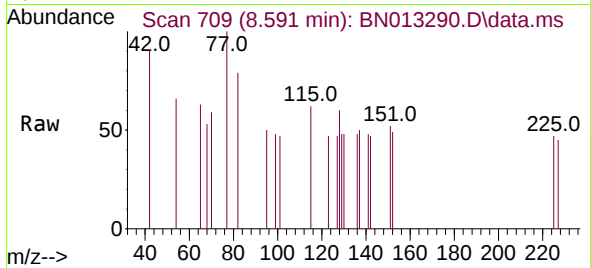




#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.591 min Scan# 709
Delta R.T. 0.089 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

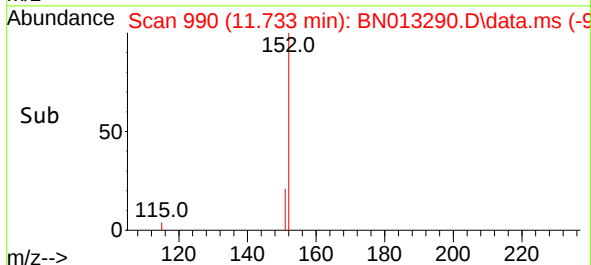
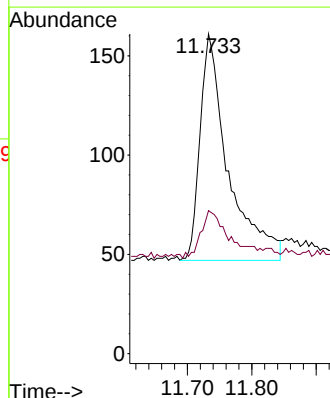
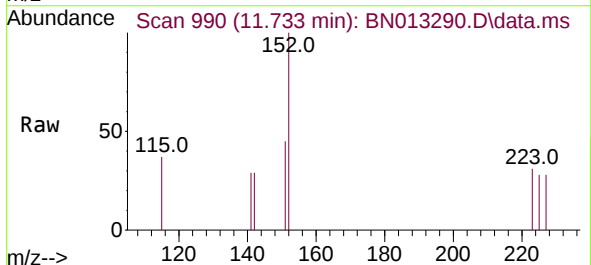
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

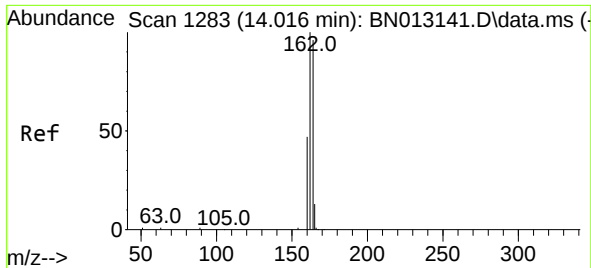
Tgt Ion: 82 Resp: 176
Ion Ratio Lower Upper
82 100
128 76.3 30.6 46.0#
54 83.8 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.11 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.027 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion: 152 Resp: 345
Ion Ratio Lower Upper
152 100
151 18.8 16.7 25.1

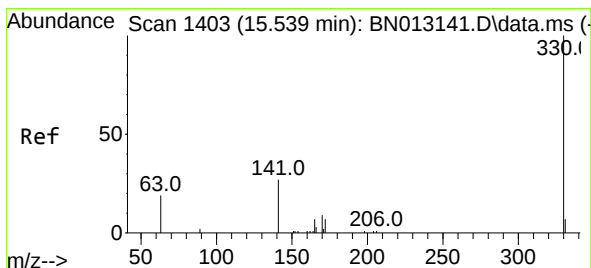
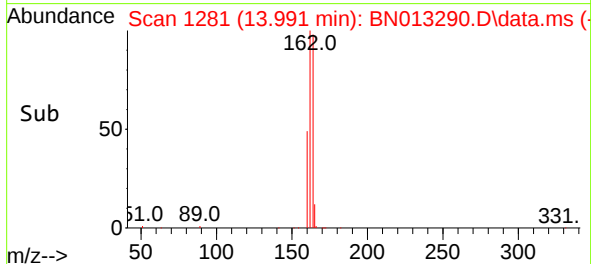
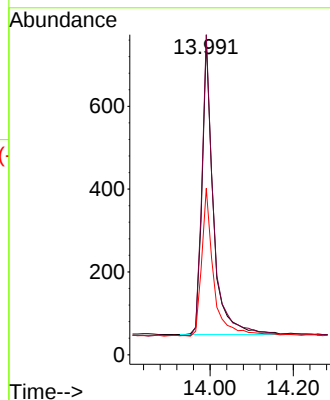
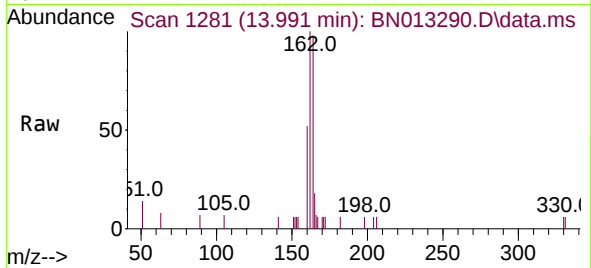




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

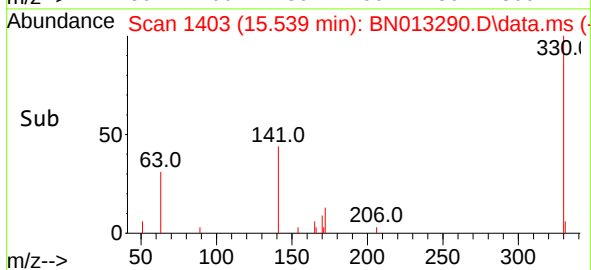
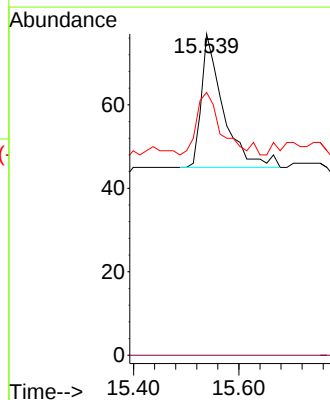
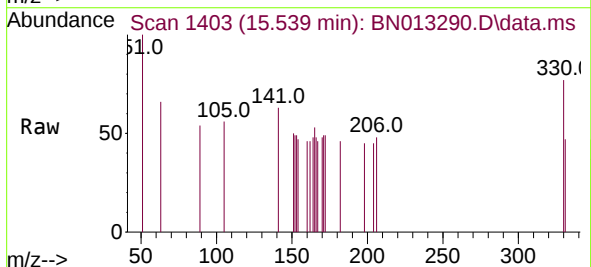
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

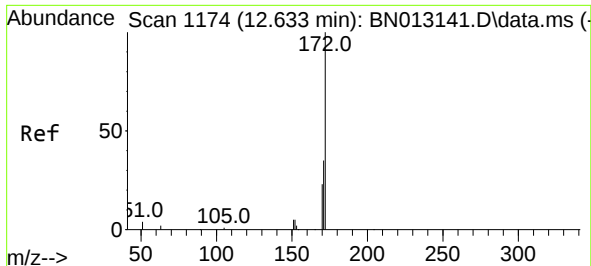
Tgt Ion:164 Resp: 1338
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 53.0 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion:330 Resp: 92
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 53.3 34.4 51.6#

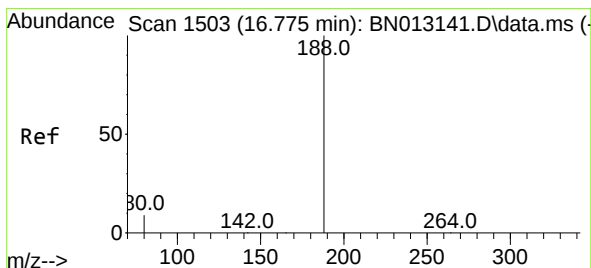
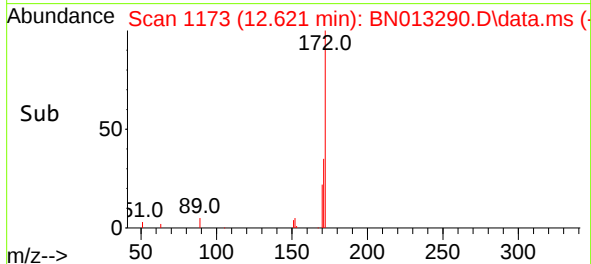
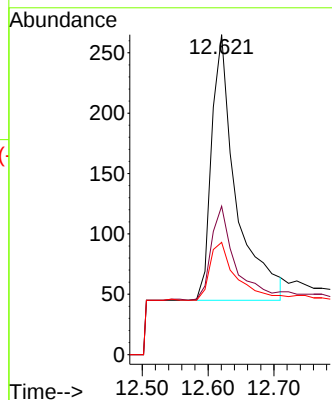
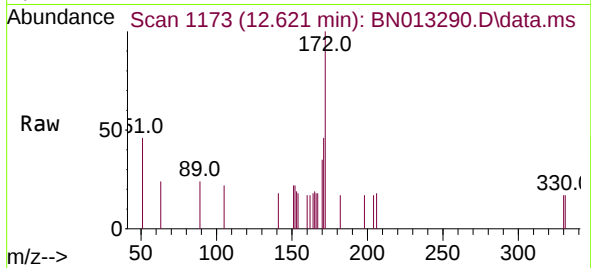




#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

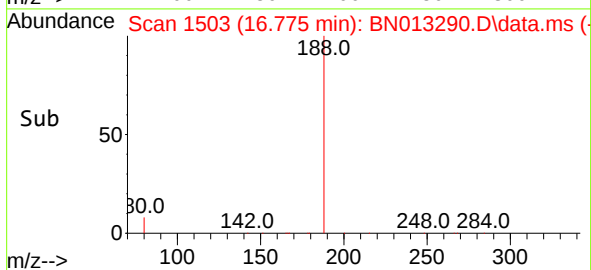
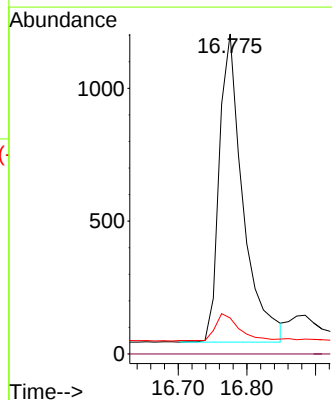
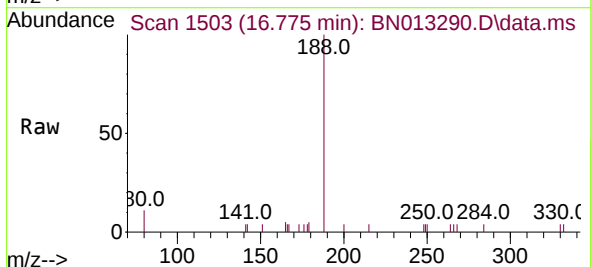
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

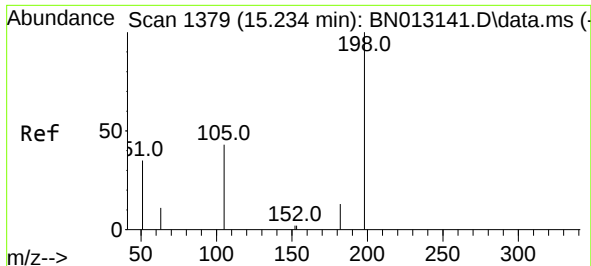
Tgt Ion:172 Resp: 568
Ion Ratio Lower Upper
172 100
171 46.4 28.2 42.4#
170 35.1 20.0 30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion:188 Resp: 2767
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 5.0 7.4#

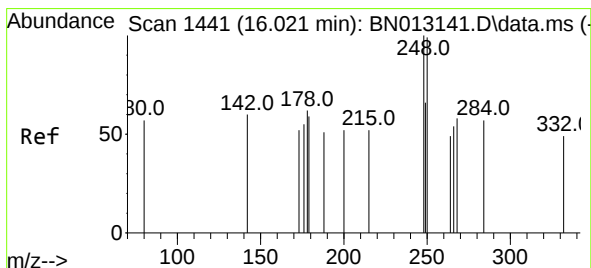
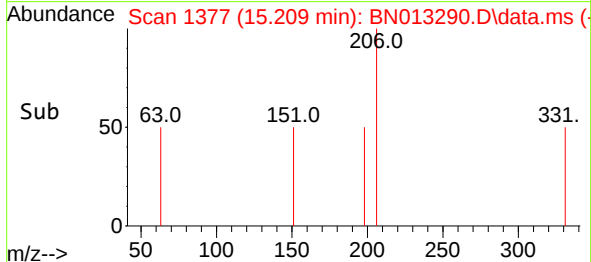
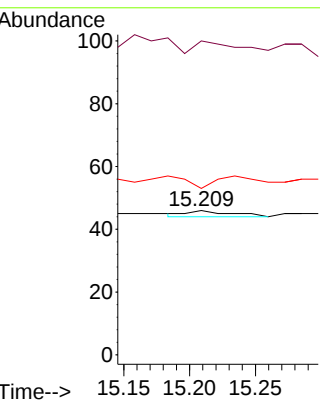
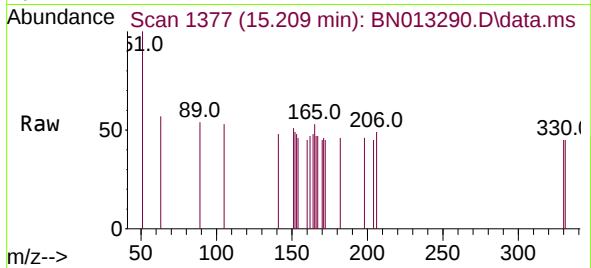




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.209 min Scan# 1377
Delta R.T. -0.013 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

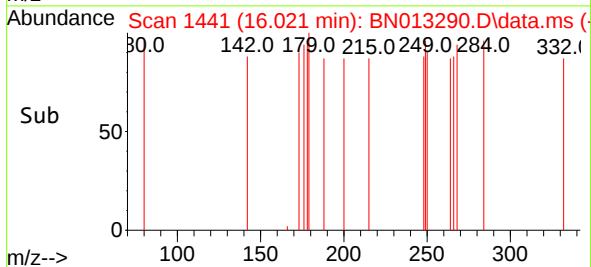
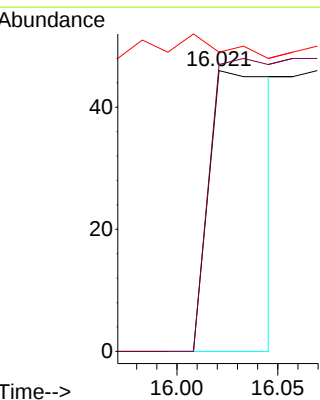
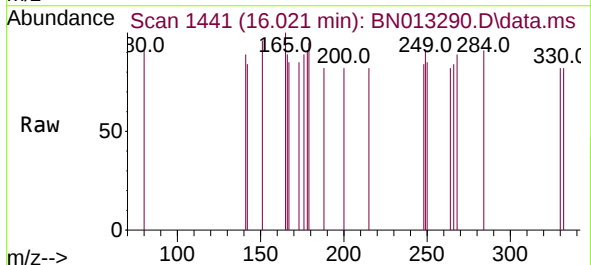
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

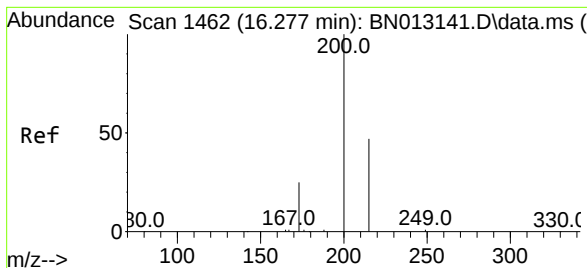
Tgt Ion:	198	Resp:	5
Ion	Ratio	Lower	Upper
198	100		
51	217.4	43.5	65.3#
105	115.2	27.2	40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion:	248	Resp:	101
Ion	Ratio	Lower	Upper
248	100		
250	102.2	77.3	115.9
141	106.5	57.8	86.8#





#23

Atrazine

Concen: 0.12 ng

RT: 16.033 min Scan# 1442

Delta R.T. -0.231 min

Lab File: BN013290.D

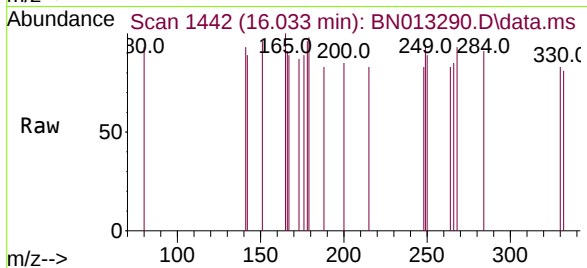
Acq: 23 Dec 2020 02:38

Instrument :

BNA_N

ClientSampleId :

TT101D-20201211DL



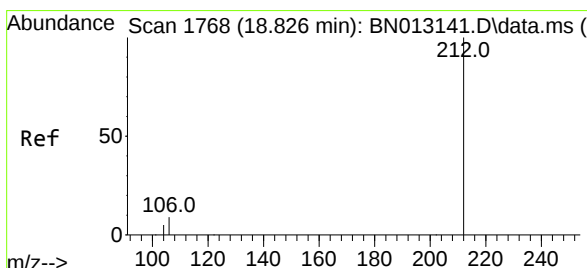
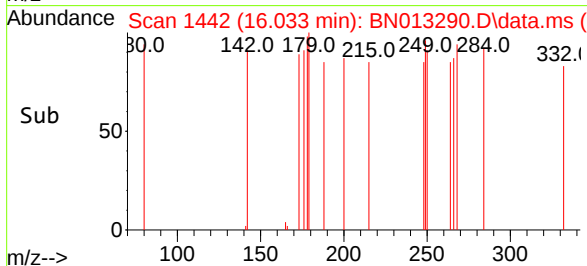
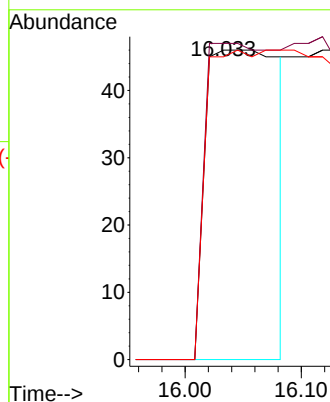
Tgt Ion:200 Resp: 202

Ion Ratio Lower Upper

200 100

173 102.2 22.8 34.2#

215 97.8 38.1 57.1#



#27

Fluoranthene-d10

Concen: 0.16 ng

RT: 18.821 min Scan# 1767

Delta R.T. 0.005 min

Lab File: BN013290.D

Acq: 23 Dec 2020 02:38

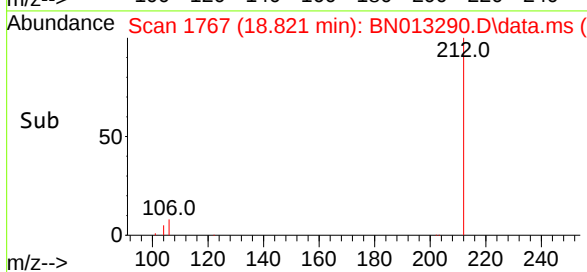
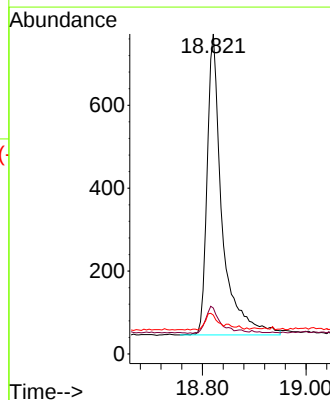
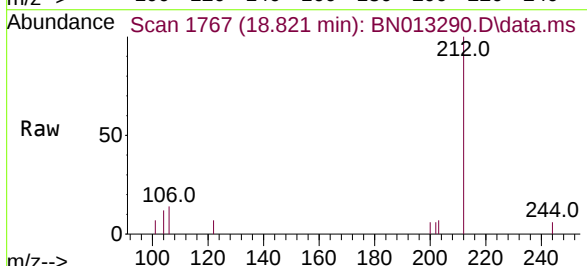
Tgt Ion:212 Resp: 1458

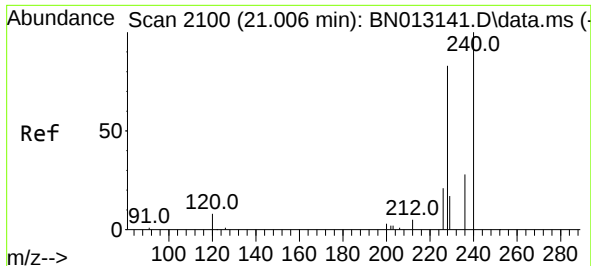
Ion Ratio Lower Upper

212 100

106 8.4 6.8 10.2

104 4.6 4.1 6.1

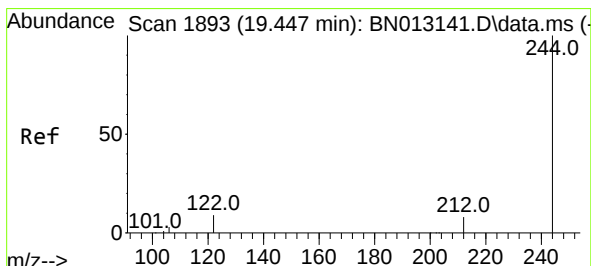
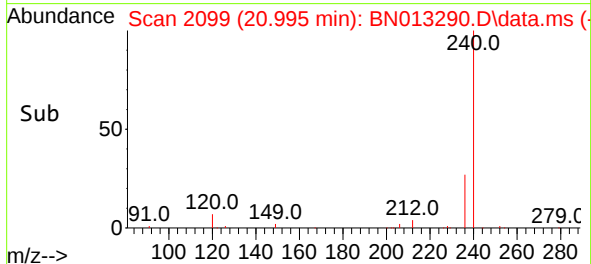
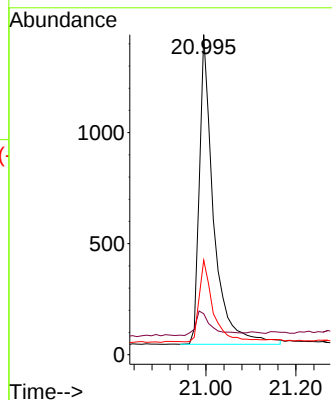
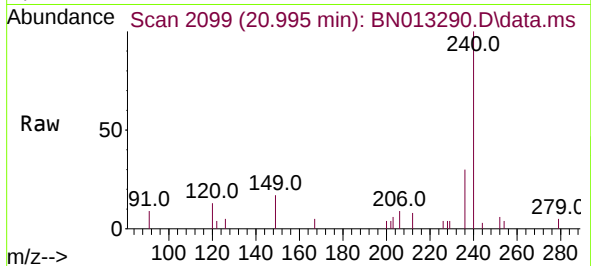




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

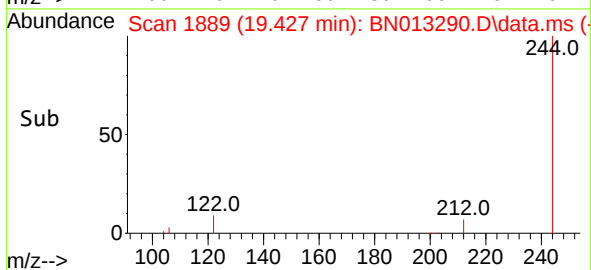
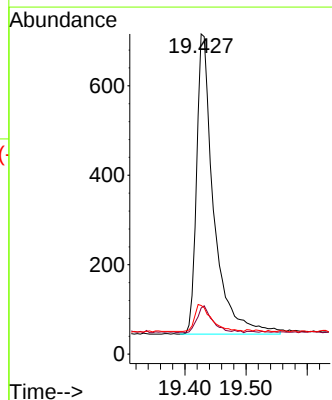
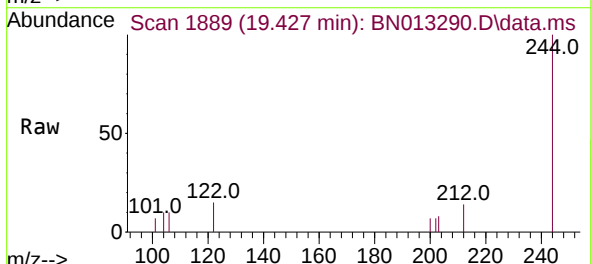
Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

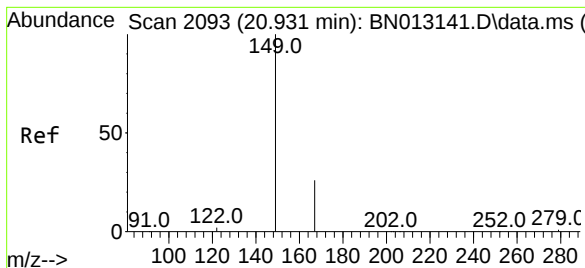
Tgt Ion:240 Resp: 3070
Ion Ratio Lower Upper
240 100
120 12.8 5.3 7.9#
236 29.6 21.8 32.8



#31
Terphenyl-d14
Concen: 0.17 ng
RT: 19.427 min Scan# 1889
Delta R.T. -0.005 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion:244 Resp: 1307
Ion Ratio Lower Upper
244 100
212 14.4 7.3 10.9#
122 15.2 7.3 10.9#

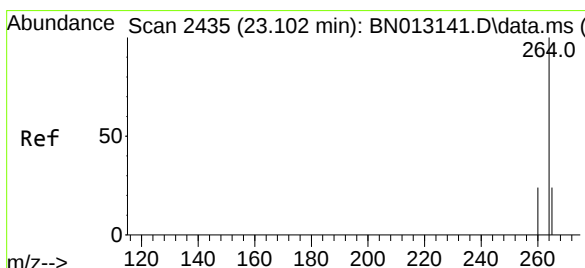
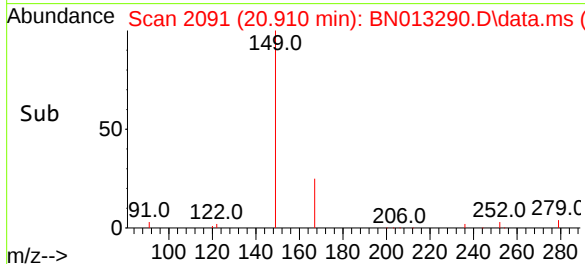
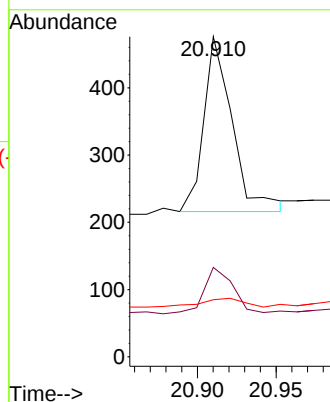
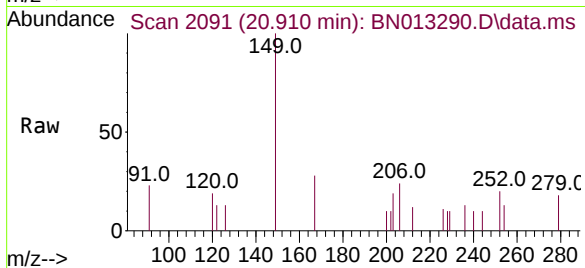




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.910 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Instrument :
BNA_N
ClientSampleId :
TT101D-20201211DL

Tgt Ion:149 Resp: 328
Ion Ratio Lower Upper
149 100
167 24.4 23.2 34.8
279 6.7 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.078 min Scan# 2428
Delta R.T. -0.007 min
Lab File: BN013290.D
Acq: 23 Dec 2020 02:38

Tgt Ion:264 Resp: 3327
Ion Ratio Lower Upper
264 100
260 27.4 19.8 29.6
265 79.1 51.4 77.0#

