

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013173.D
 Acq On : 16 Dec 2020 19:44
 Operator : CG/JU
 Sample : L5053-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D2-20201209

Quant Time: Dec 17 03:07:21 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 15 16:49:20 2020
 Response via : Initial Calibration

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

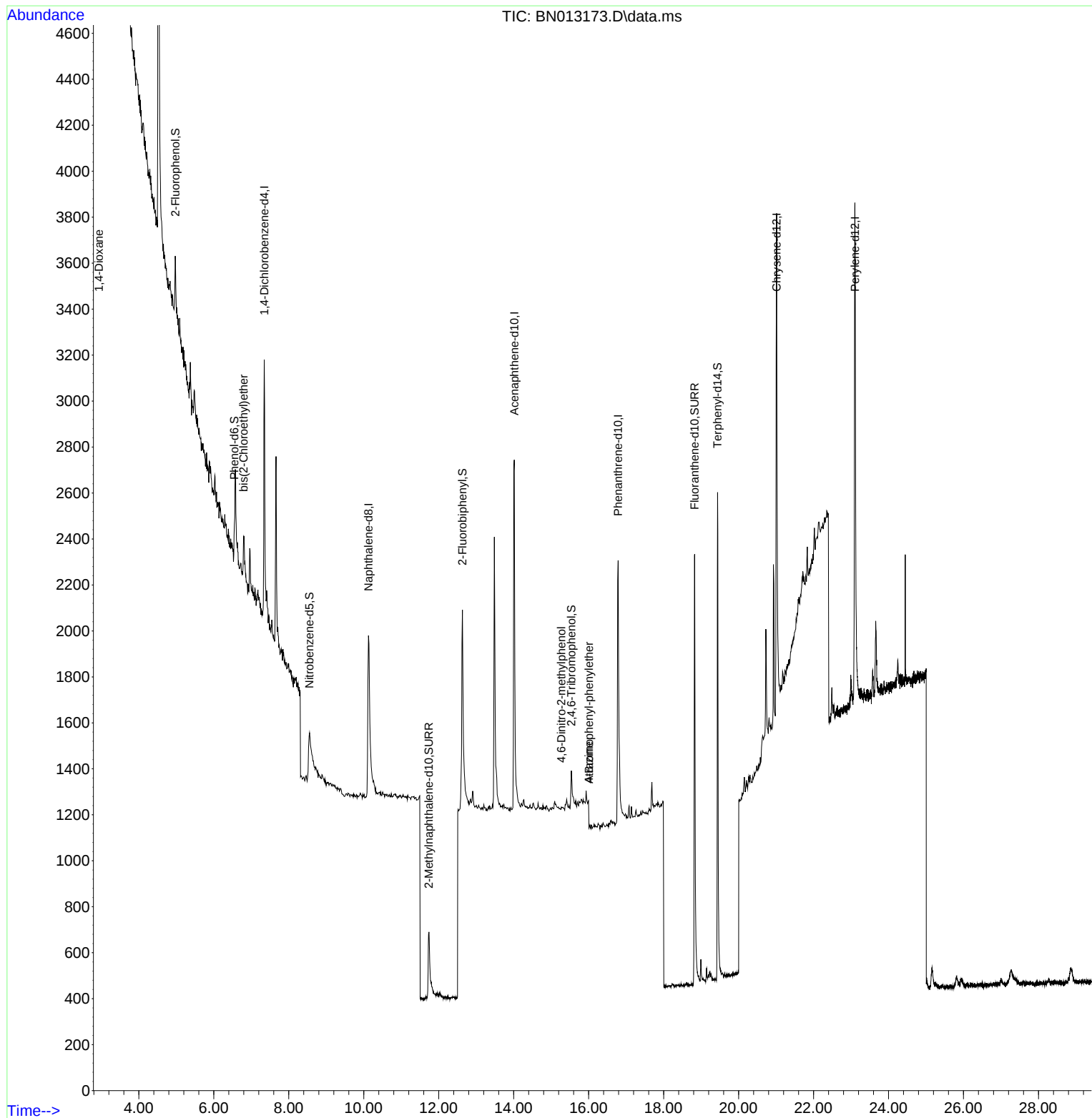
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	718	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1970	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1287	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2836	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	3049	0.40	ng	# 0.00
36) Perylene-d12	23.103	264	3450	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	253	0.09	ng	0.00
5) Phenol-d6	6.549	99	139	0.05	ng	0.00
8) Nitrobenzene-d5	8.553	82	547	0.27	ng	0.04
11) 2-Methylnaphthalene-d10	11.733	152	873	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	175	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1322	0.24	ng	0.00
27) Fluoranthene-d10	18.828	212	3055	0.33	ng	0.00
31) Terphenyl-d14	19.439	244	2745	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	1936	1.55	ng	97
6) bis(2-Chloroethyl)ether	6.798	93	200	0.11	ng	97
20) 4,6-Dinitro-2-methylph...	15.272	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	203	0.37	ng	# 78
23) Atrazine	16.008	200	136	0.08	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	694	Below	Cal	96

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

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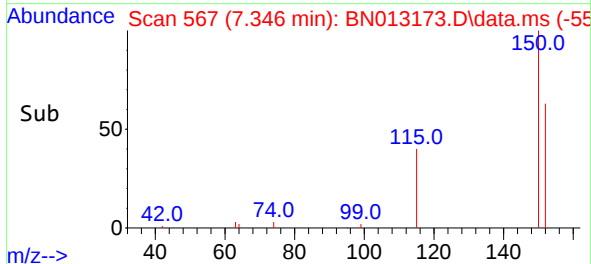
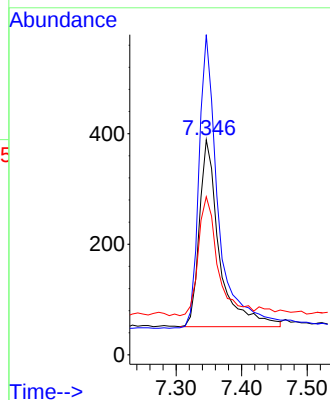
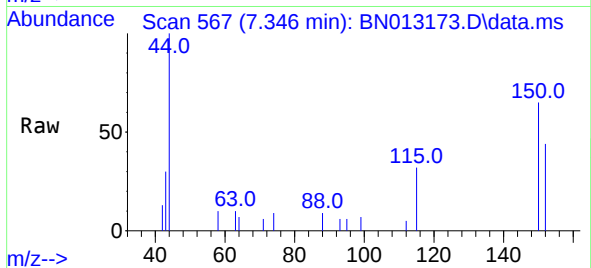




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

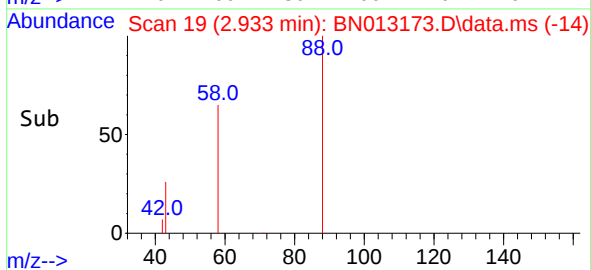
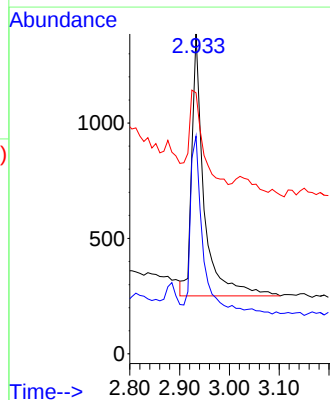
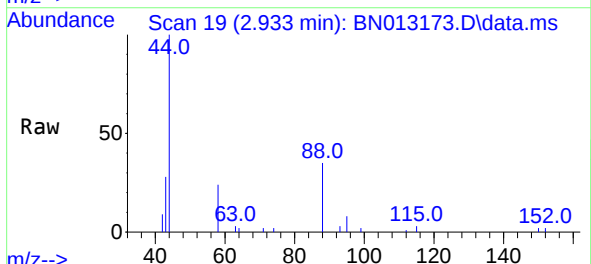
Instrument :
BNA_N
ClientSampleId :
RE104D2-20201209

Tgt Ion:152 Resp: 718
Ion Ratio Lower Upper
152 100
150 148.8 116.6 174.8
115 73.5 52.9 79.3



#2
1,4-Dioxane
Concen: 1.55 ng
RT: 2.933 min Scan# 19
Delta R.T. -0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion: 88 Resp: 1936
Ion Ratio Lower Upper
88 100
58 70.2 59.4 89.2
43 39.9 32.3 48.5

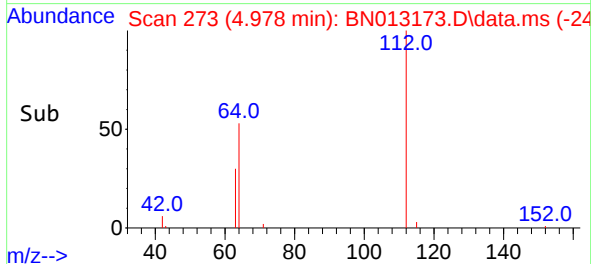
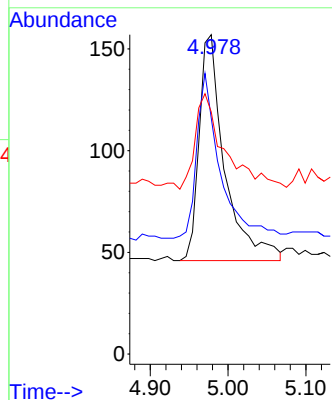
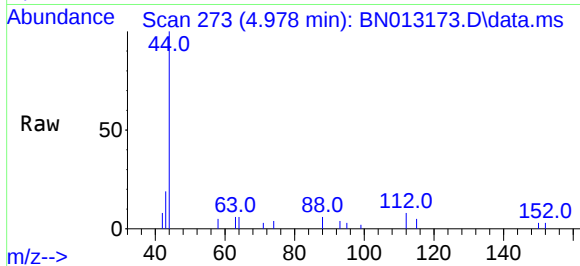




#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

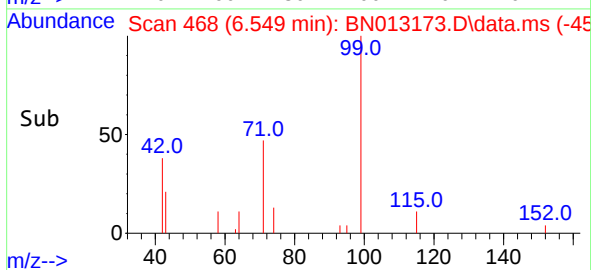
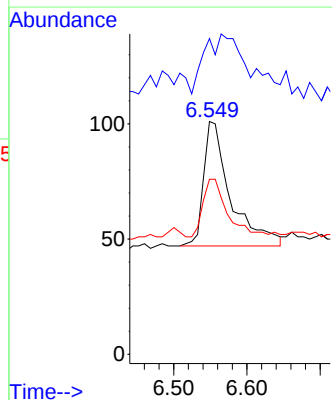
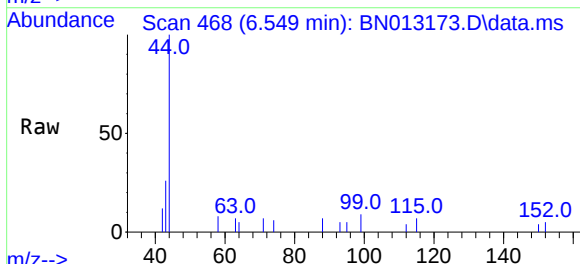
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BNA_N
ClientSampleId :
RE104D2-20201209

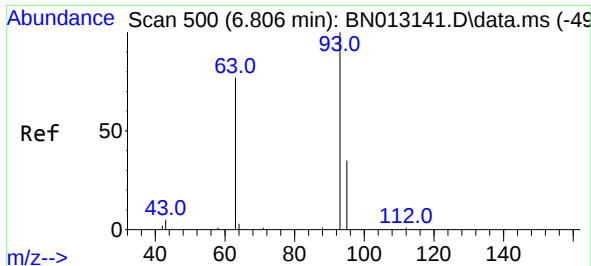
Tgt Ion:112 Resp: 253
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 49.8 32.0 48.0#



#5
Phenol-d6
Concen: 0.05 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion: 99 Resp: 139
Ion Ratio Lower Upper
99 100
42 75.5 22.4 33.6#
71 42.4 37.8 56.6

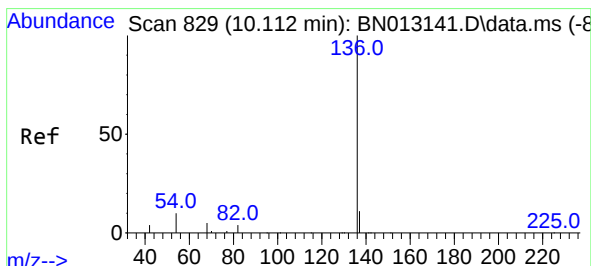
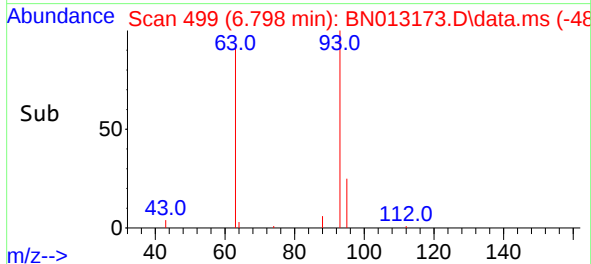
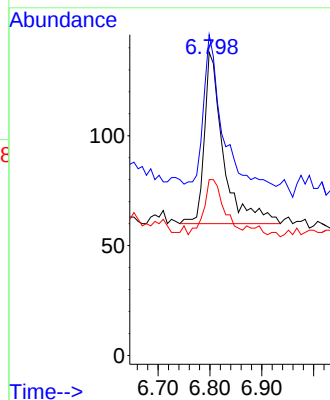
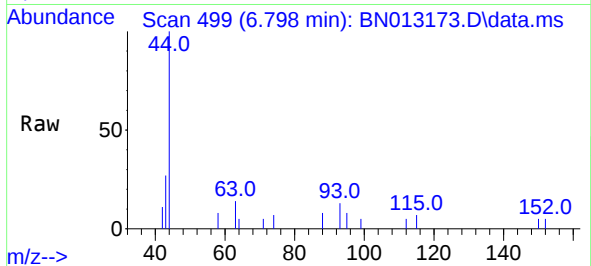




#6
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 6.798 min Scan# 499
Delta R.T. -0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

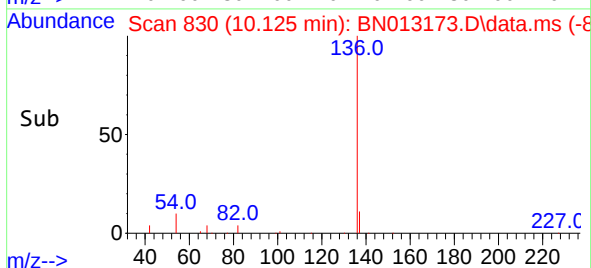
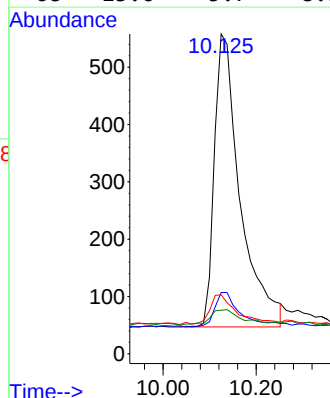
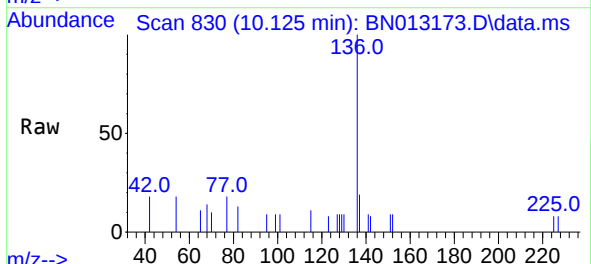
Instrument :
BNA_N
ClientSampleId :
RE104D2-20201209

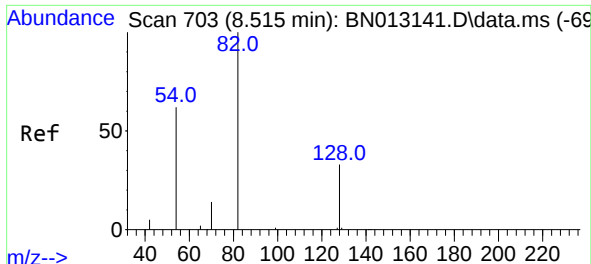
Tgt Ion:	93	Resp:	200
Ion	Ratio	Lower	Upper
93	100		
63	82.5	63.1	94.7
95	33.5	26.1	39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:	136	Resp:	1970
Ion	Ratio	Lower	Upper
136	100		
137	19.2	10.6	15.8#
54	18.5	8.6	12.8#
68	13.6	5.7	8.5#

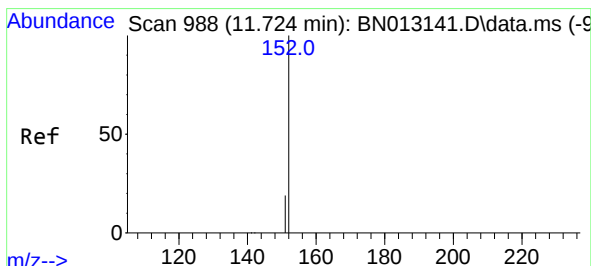
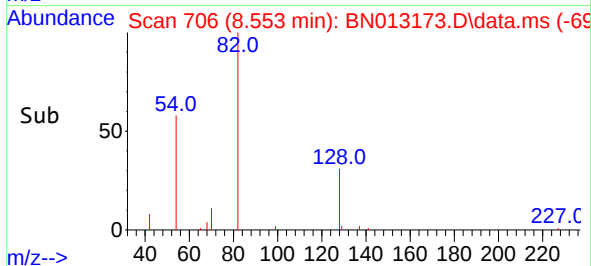
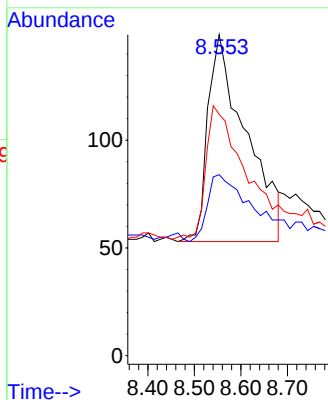
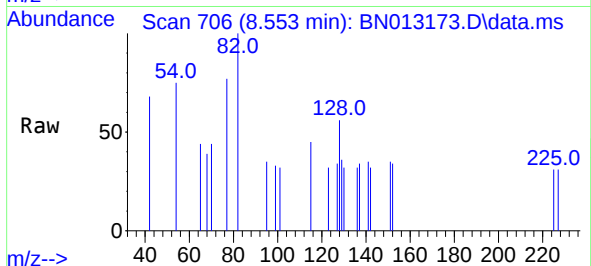




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

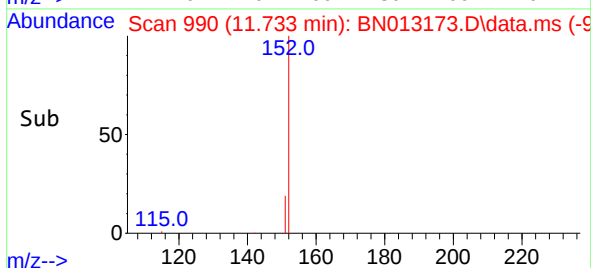
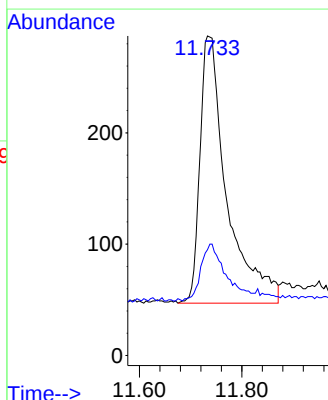
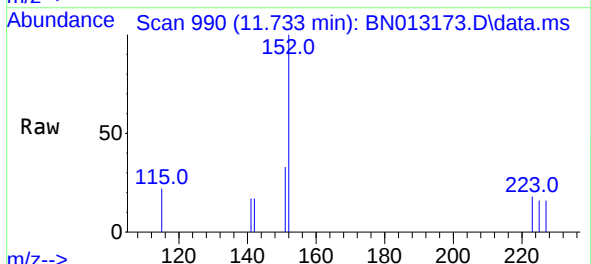
Instrument :
BNA_N
ClientSampleId :
RE104D2-20201209

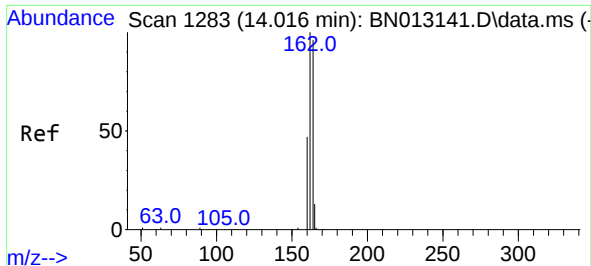
Tgt Ion: 82 Resp: 547
Ion Ratio Lower Upper
82 100
128 56.4 30.6 46.0#
54 75.2 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.009 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion: 152 Resp: 873
Ion Ratio Lower Upper
152 100
151 19.8 16.7 25.1

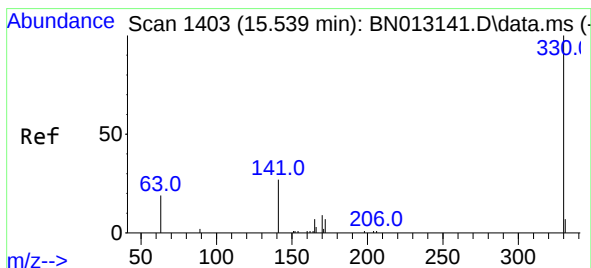
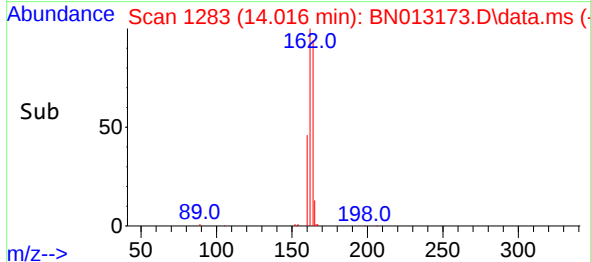
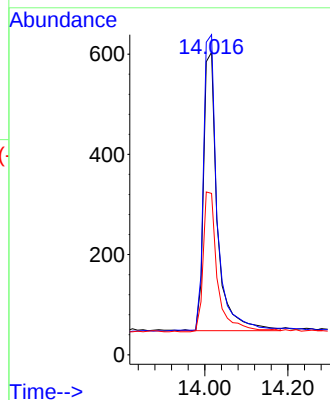
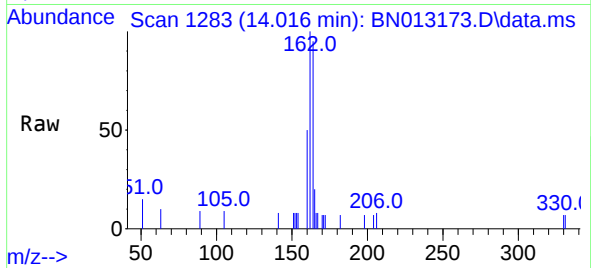




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

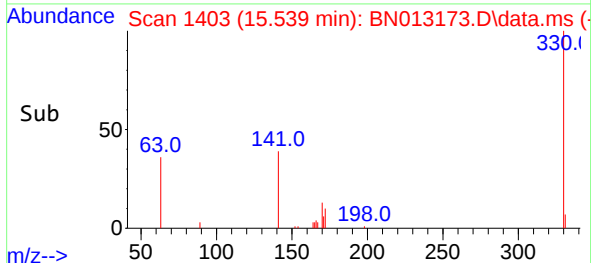
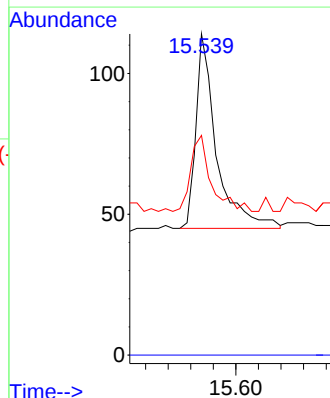
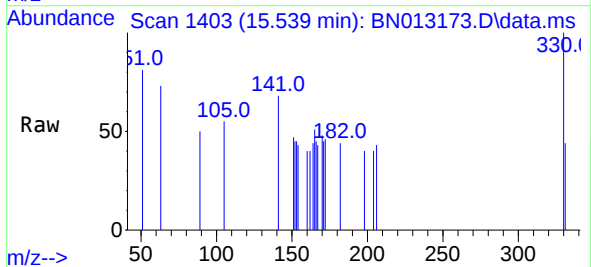
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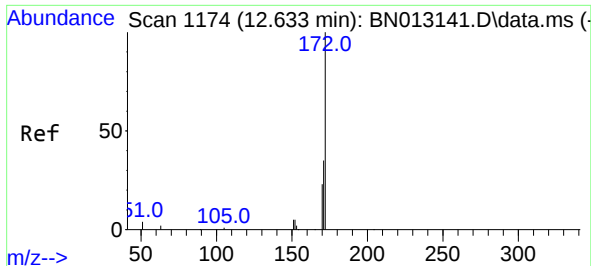
Tgt Ion:164 Resp: 1287
Ion Ratio Lower Upper
164 100
162 105.8 80.6 120.8
160 53.3 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:330 Resp: 175
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.4 34.4 51.6

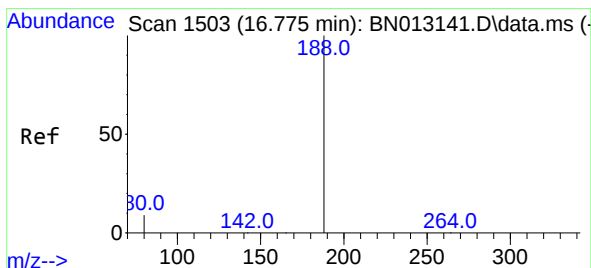
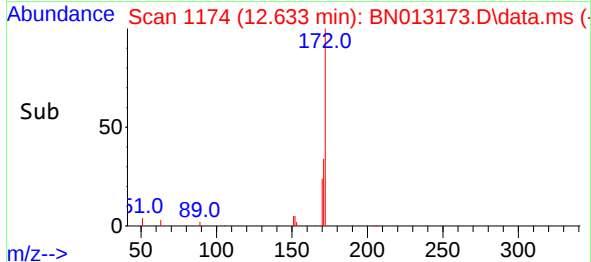
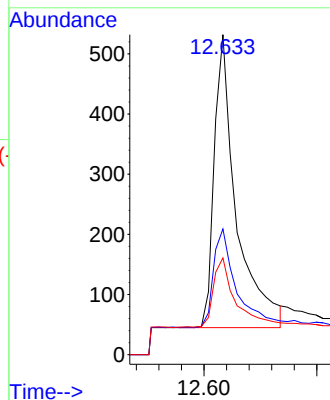
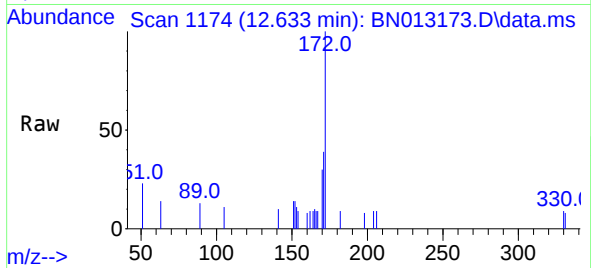




#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

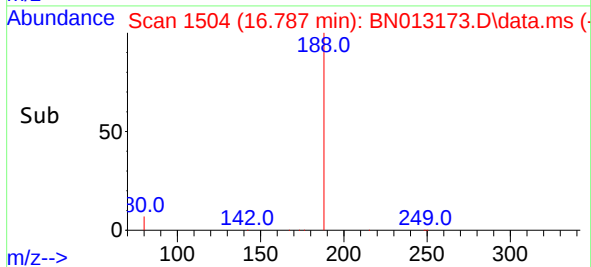
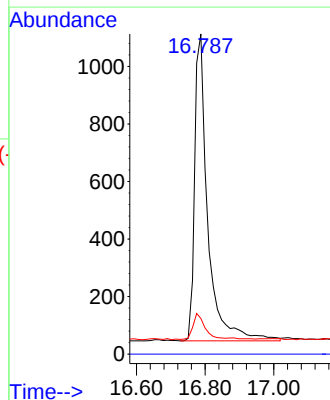
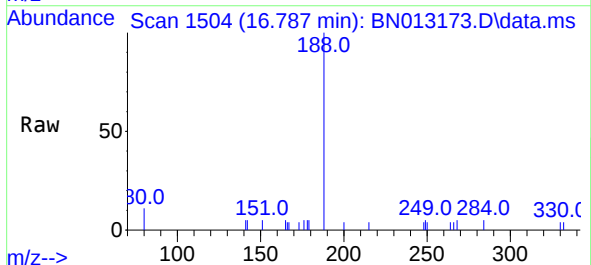
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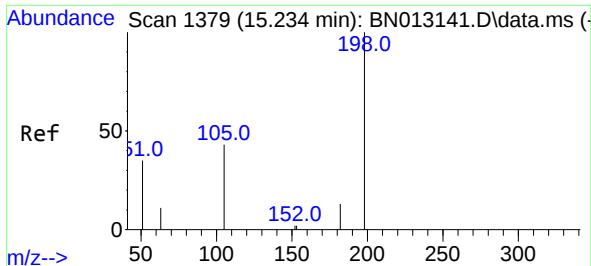
Tgt Ion:	172	Resp:	1322
Ion	Ratio	Lower	Upper
172	100		
171	39.3	28.2	42.4
170	30.3	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:	188	Resp:	2836
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.1	5.0	7.4#

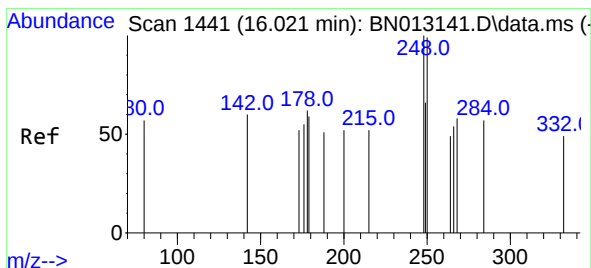
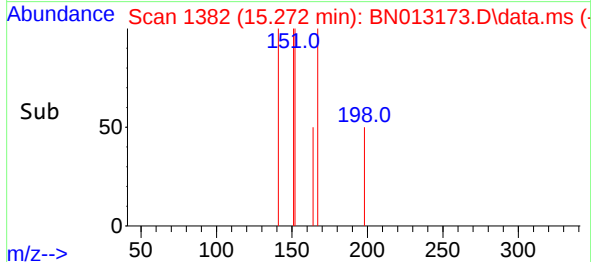
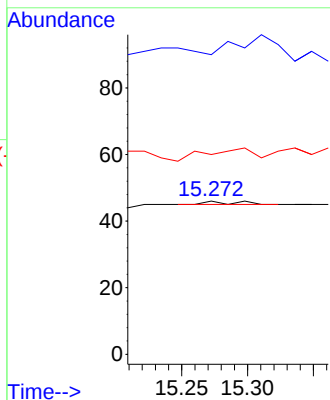
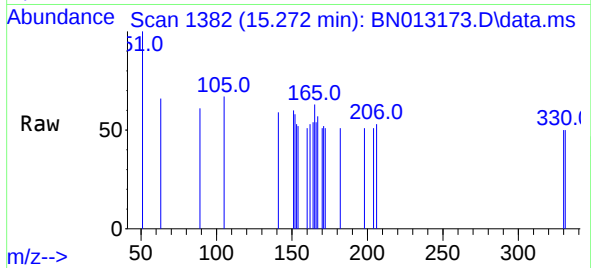




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.272 min Scan# 1382
Delta R.T. 0.038 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

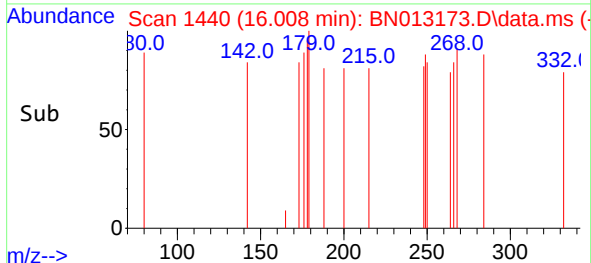
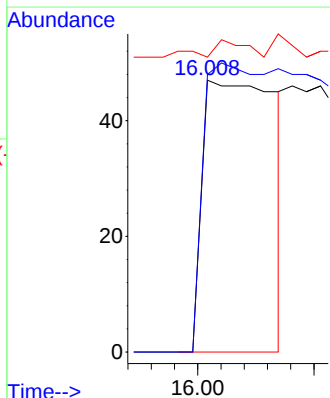
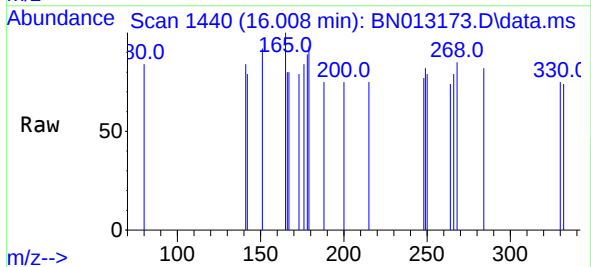
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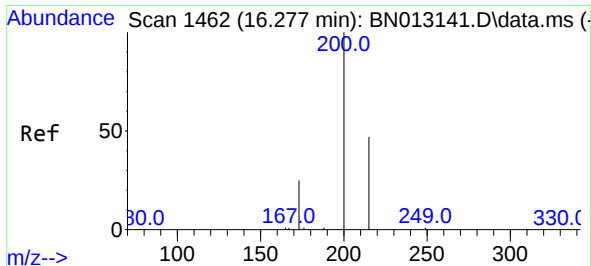
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 195.7 43.5 65.3#
105 130.4 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:248 Resp: 203
Ion Ratio Lower Upper
248 100
250 102.1 77.3 115.9
141 108.5 57.8 86.8#

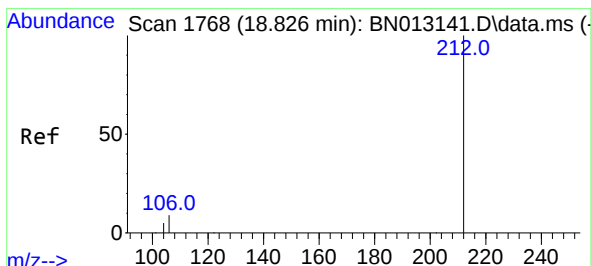
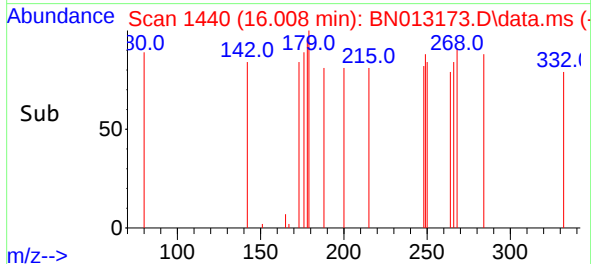
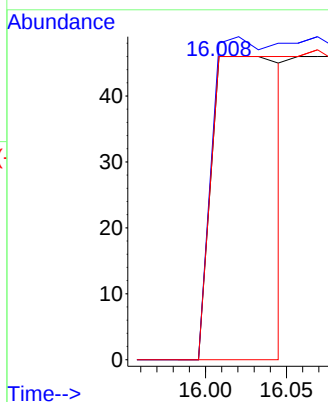
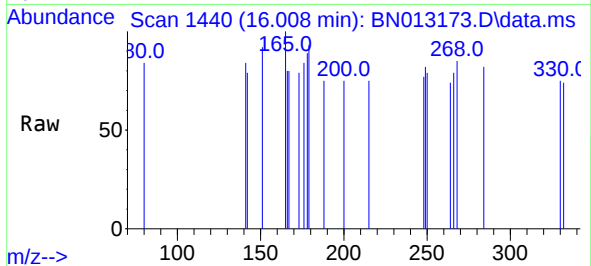




#23
Atrazine
Concen: 0.08 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

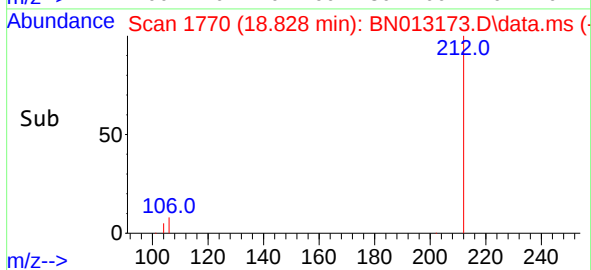
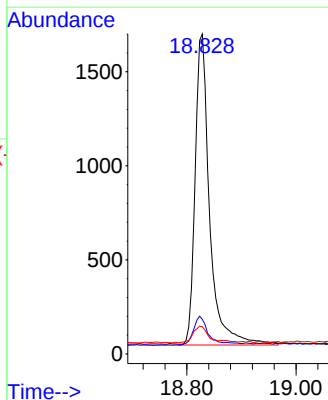
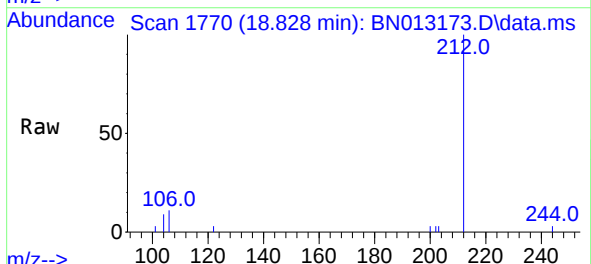
Instrument :
BNA_N
ClientSampleId :
RE104D2-20201209

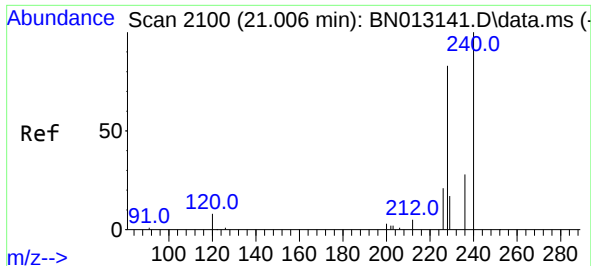
Tgt Ion:200 Resp: 136
Ion Ratio Lower Upper
200 100
173 104.3 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:212 Resp: 3055
Ion Ratio Lower Upper
212 100
106 8.6 6.8 10.2
104 5.2 4.1 6.1

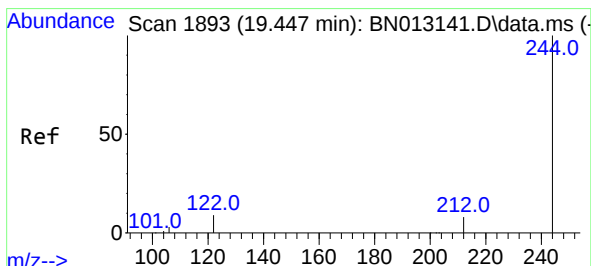
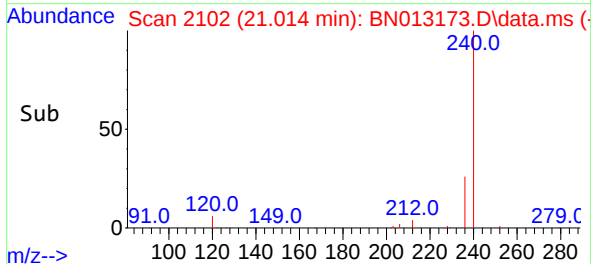
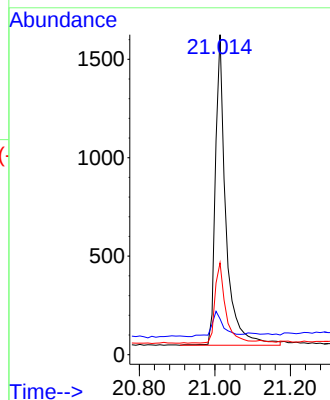
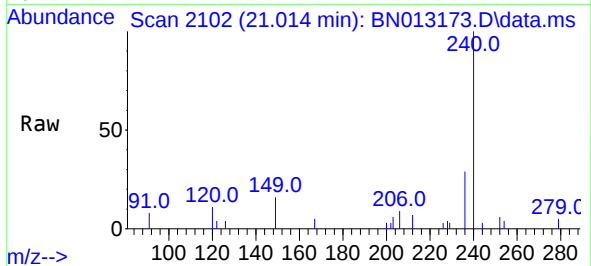




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

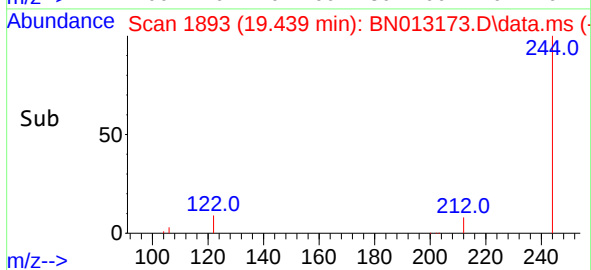
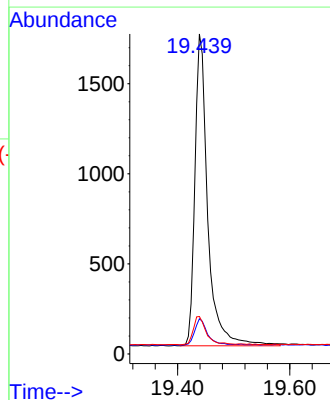
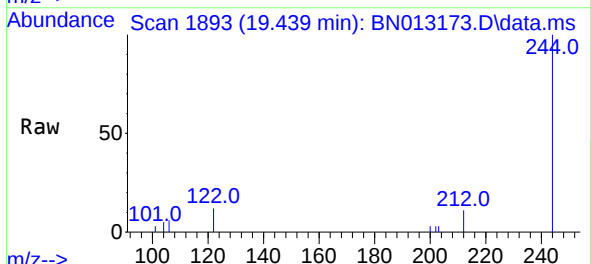
Instrument :
BNA_N
ClientSampleId :
RE104D2-20201209

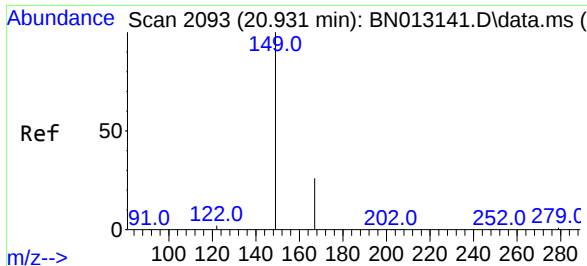
Tgt Ion:240 Resp: 3049
Ion Ratio Lower Upper
240 100
120 11.2 5.3 7.9#
236 28.7 21.8 32.8



#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:244 Resp: 2745
Ion Ratio Lower Upper
244 100
212 11.0 7.3 10.9#
122 11.7 7.3 10.9#

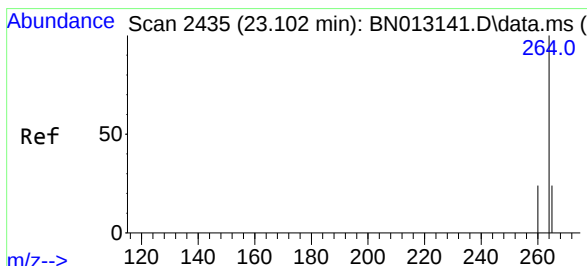
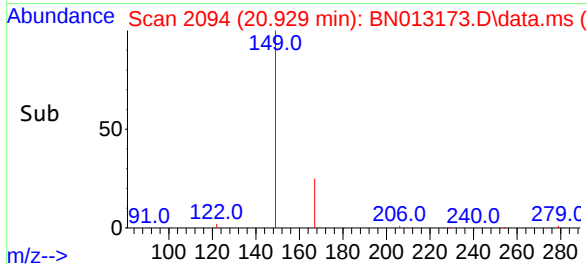
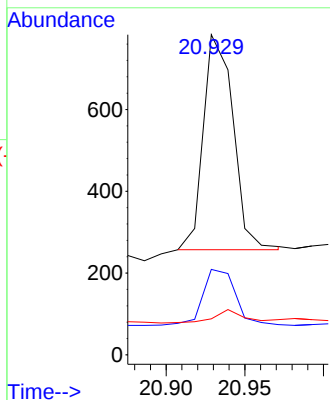
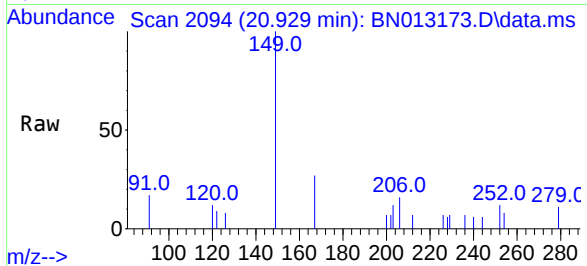




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Instrument :
BNA_N
ClientSampleId :
RE104D2-20201209

Tgt Ion:149 Resp: 694
Ion Ratio Lower Upper
149 100
167 26.9 23.2 34.8
279 5.5 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.103 min Scan# 2437
Delta R.T. 0.001 min
Lab File: BN013173.D
Acq: 16 Dec 2020 19:44

Tgt Ion:264 Resp: 3450
Ion Ratio Lower Upper
264 100
260 26.2 19.8 29.6
265 82.2 51.4 77.0#

