

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013170.D
 Acq On : 16 Dec 2020 17:56
 Operator : CG/JU
 Sample : L5053-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20201209

Quant Time: Dec 17 03:06:33 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)

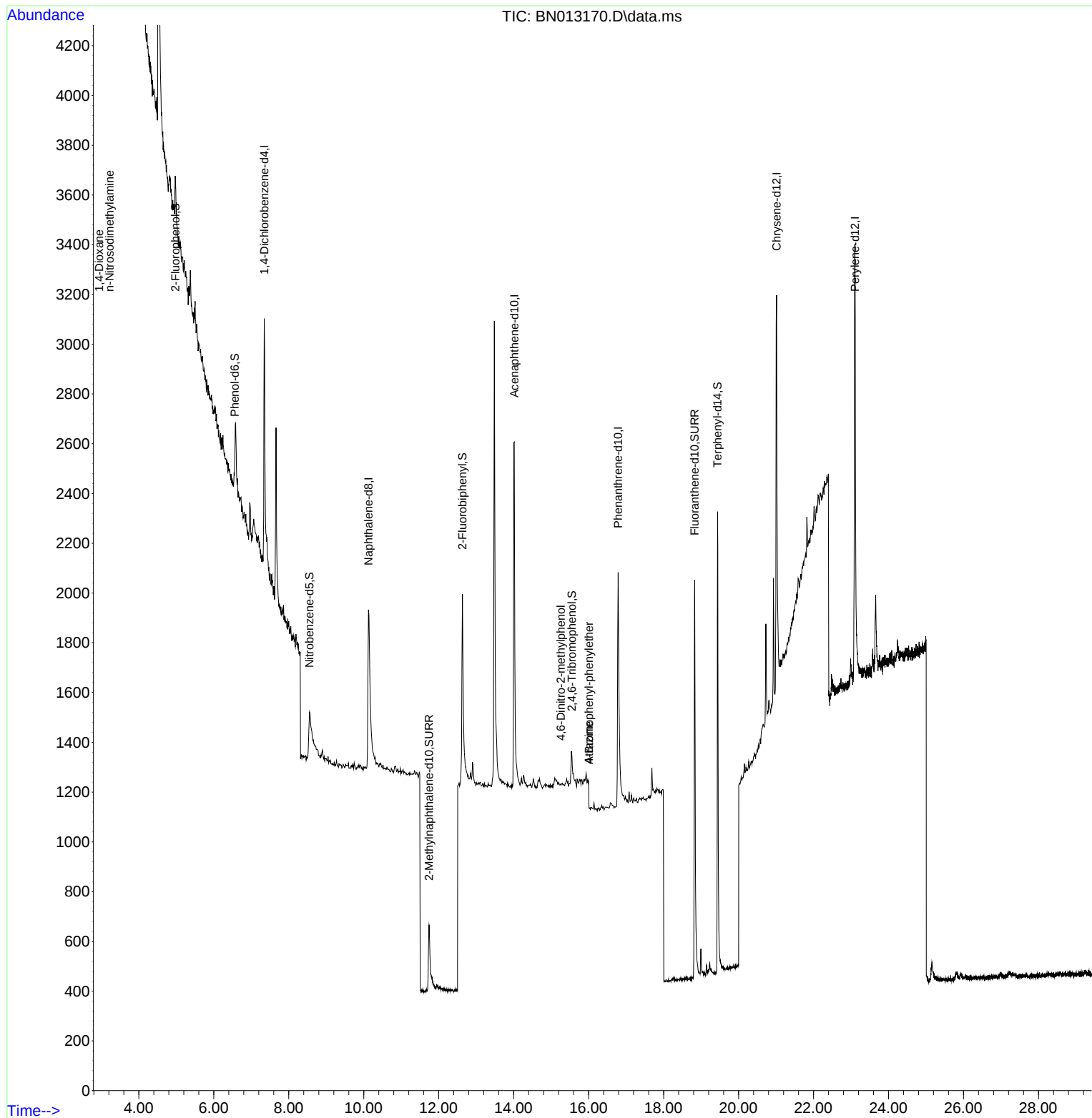
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	652	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	1896	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1183	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2377	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	2497	0.40	ng	# 0.00
36) Perylene-d12	23.103	264	2888	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	207	0.08	ng	0.00
5) Phenol-d6	6.557	99	133	0.05	ng	0.00
8) Nitrobenzene-d5	8.553	82	465	0.24	ng	0.04
11) 2-Methylnaphthalene-d10	11.742	152	709	0.21	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	171	0.23	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1139	0.23	ng	0.00
27) Fluoranthene-d10	18.828	212	2778	0.36	ng	0.00
31) Terphenyl-d14	19.439	244	2476	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.941	88	528	0.46	ng	94
3) n-Nitrosodimethylamine	3.223	42	179	0.09	ng	# 21
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	170	0.37	ng	# 78
23) Atrazine	16.008	200	104	0.07	ng	# 6
34) Bis(2-ethylhexyl)phtha...	20.929	149	429	Below	Cal	# 97

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

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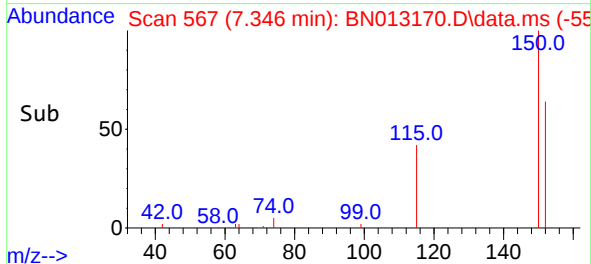
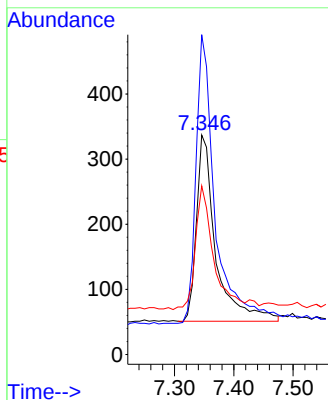
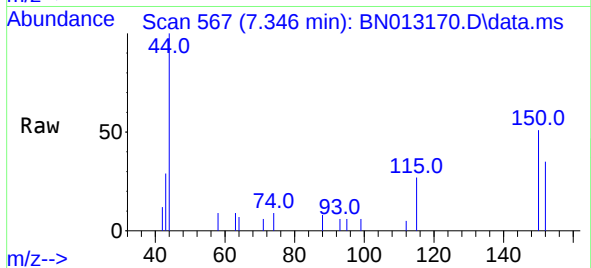


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.008 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Instrument :
BNA_N
ClientSampleId :
RE103D2-20201209

Tgt Ion: 152 Resp: 652

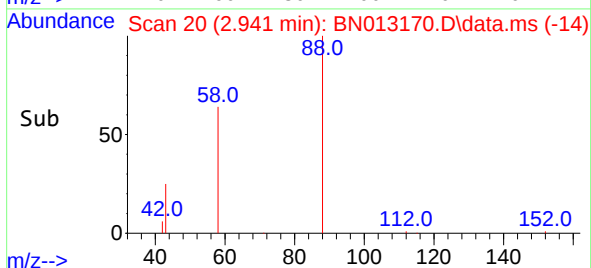
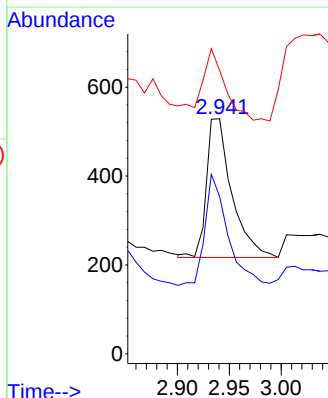
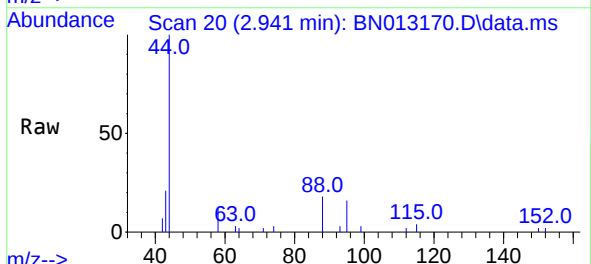
Ion	Ratio	Lower	Upper
152	100		
150	145.7	116.6	174.8
115	76.9	52.9	79.3

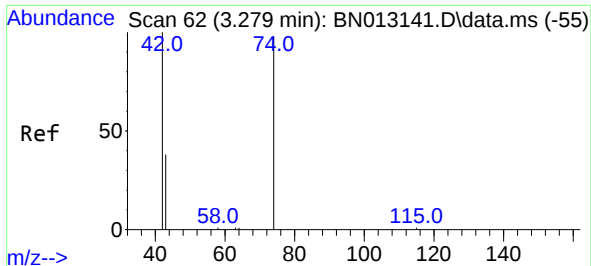


#2
1,4-Dioxane
Concen: 0.46 ng
RT: 2.941 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion: 88 Resp: 528

Ion	Ratio	Lower	Upper
88	100		
58	72.2	59.4	89.2
43	48.1	32.3	48.5

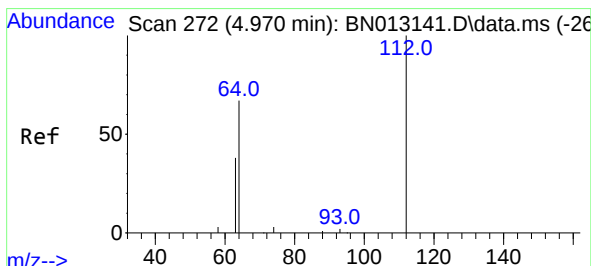
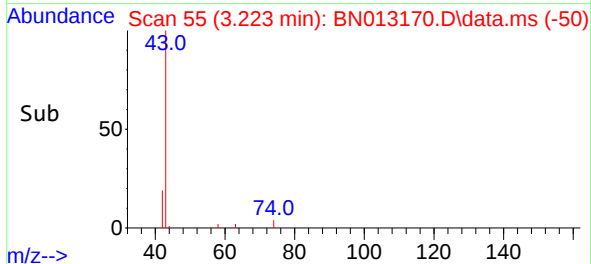
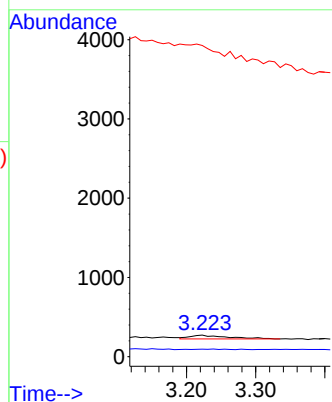
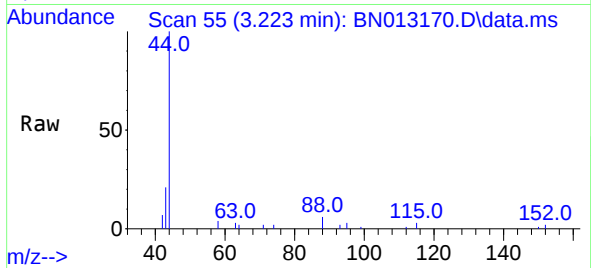




#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.056 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

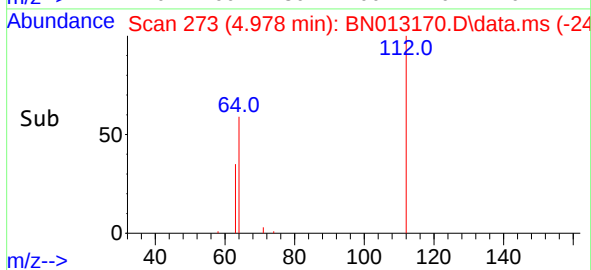
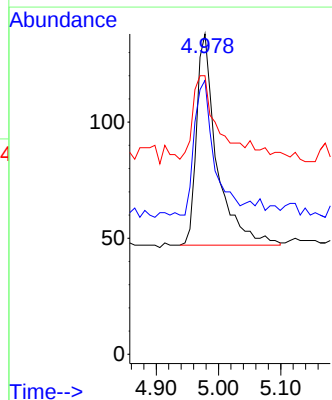
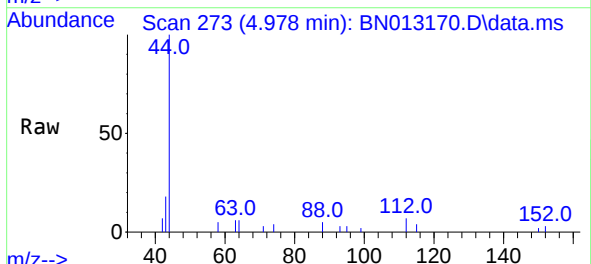
Instrument :
BNA_N
ClientSampleId :
RE103D2-20201209

Tgt Ion: 42 Resp: 179
Ion Ratio Lower Upper
42 100
74 7.8 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion: 112 Resp: 207
Ion Ratio Lower Upper
112 100
64 62.8 49.5 74.3
63 56.5 32.0 48.0#

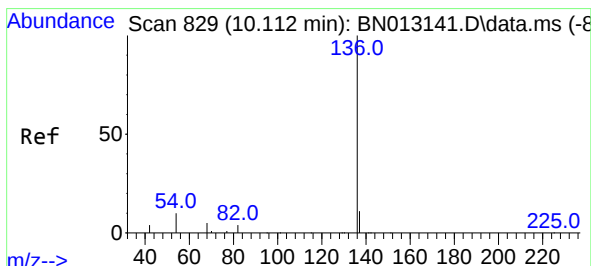
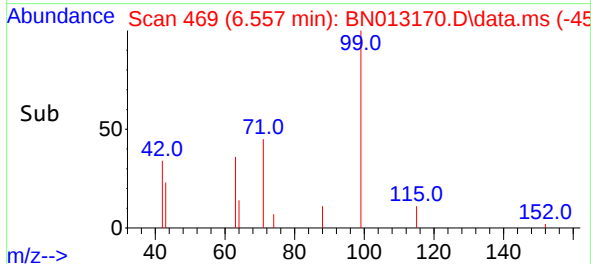
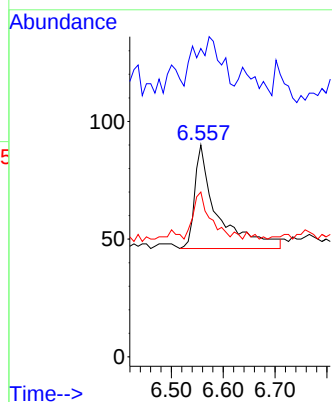
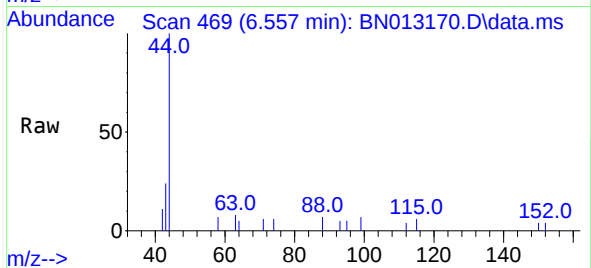




#5
Phenol-d6
Concen: 0.05 ng
RT: 6.557 min Scan# 469
Delta R.T. -0.000 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

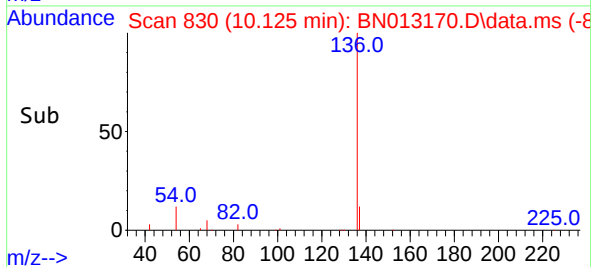
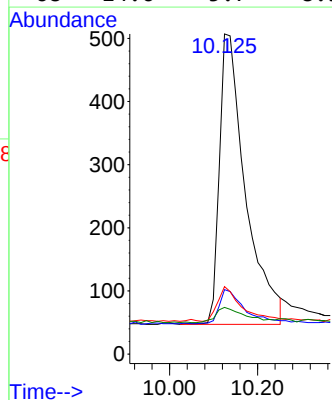
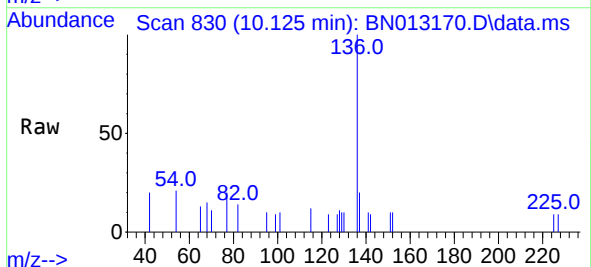
Instrument :
BNA_N
ClientSampleId :
RE103D2-20201209

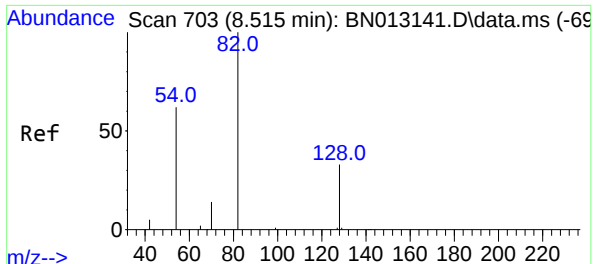
Tgt Ion: 99 Resp: 133
Ion Ratio Lower Upper
99 100
42 14.3 22.4 33.6#
71 33.8 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion:136 Resp: 1896
Ion Ratio Lower Upper
136 100
137 20.1 10.6 15.8#
54 21.1 8.6 12.8#
68 14.6 5.7 8.5#

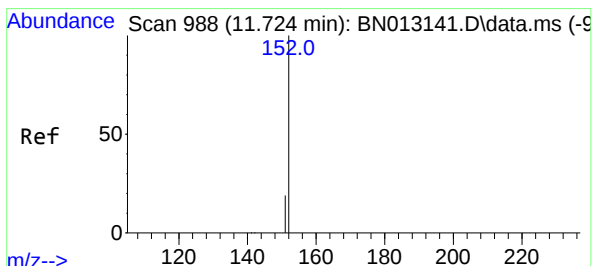
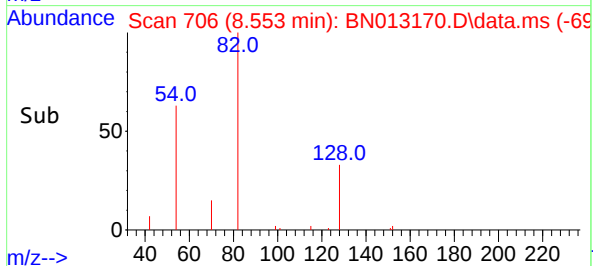
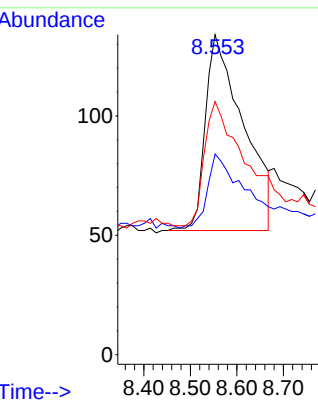
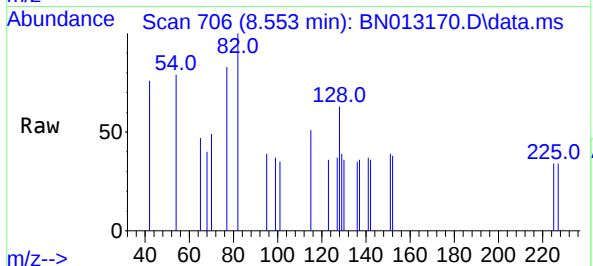




#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

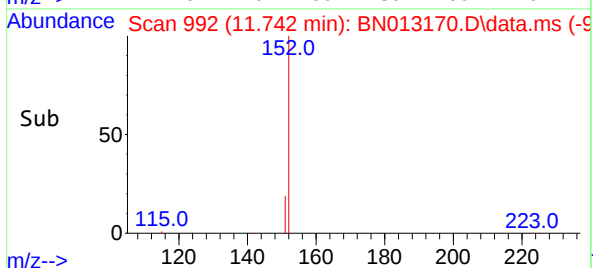
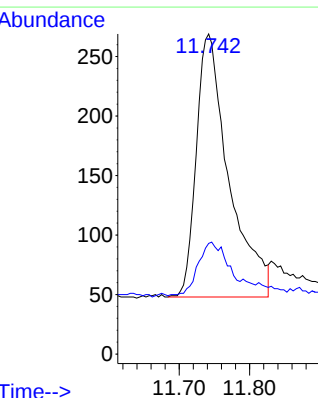
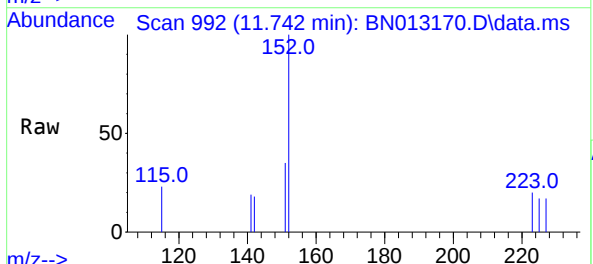
Instrument :
BNA_N
ClientSampleId :
RE103D2-20201209

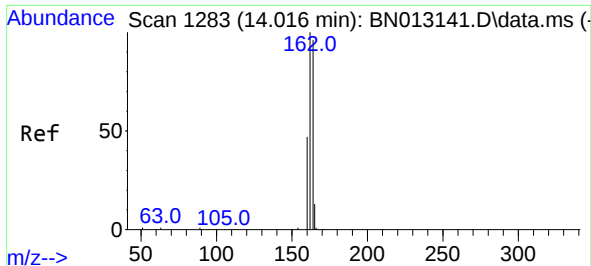
Tgt Ion:	82	Resp:	465
Ion	Ratio	Lower	Upper
82	100		
128	62.7	30.6	46.0#
54	79.1	48.3	72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.21 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.018 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion:	152	Resp:	709
Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.7	25.1

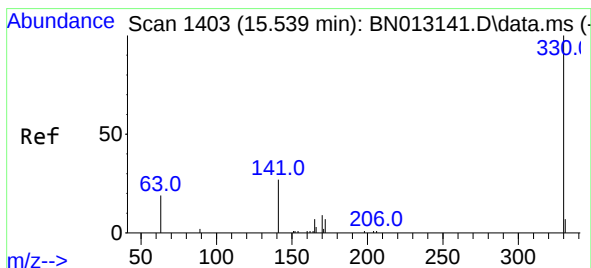
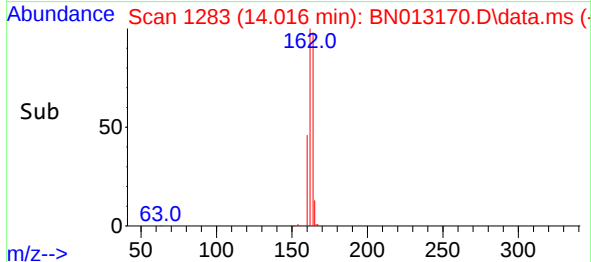
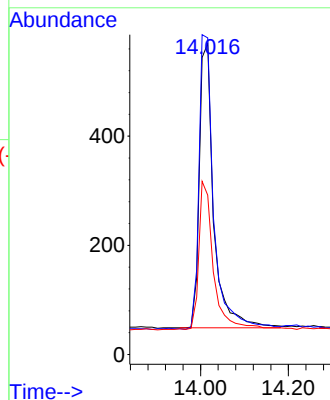
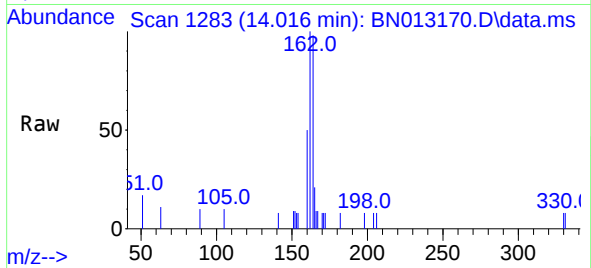




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

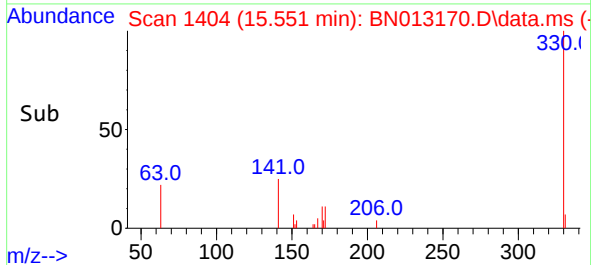
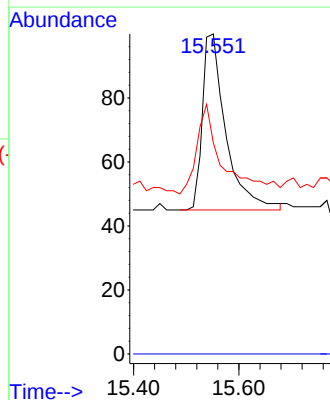
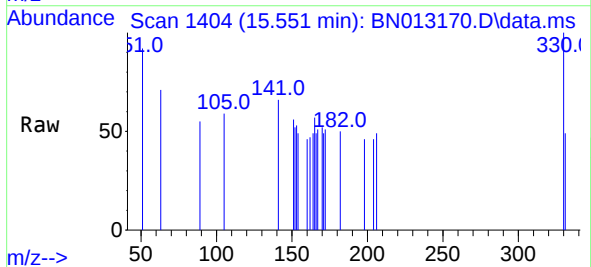
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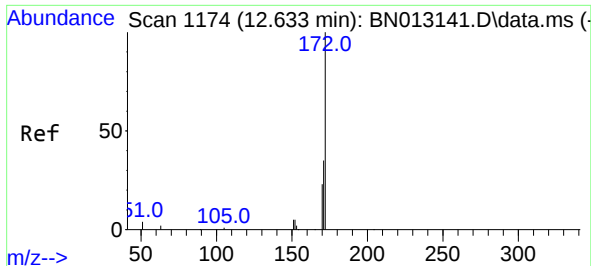
Tgt Ion:164 Resp: 1183
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 51.2 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion:330 Resp: 171
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 56.1 34.4 51.6#

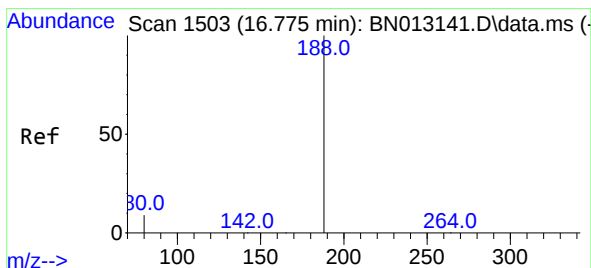
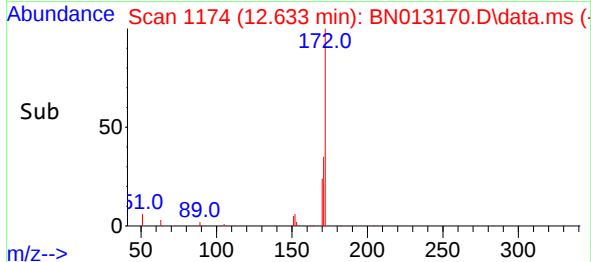
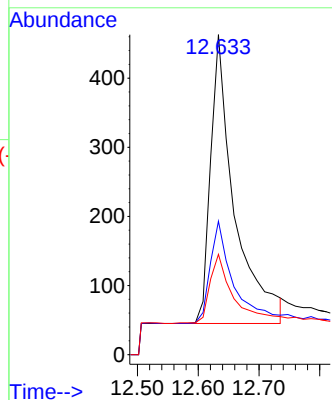
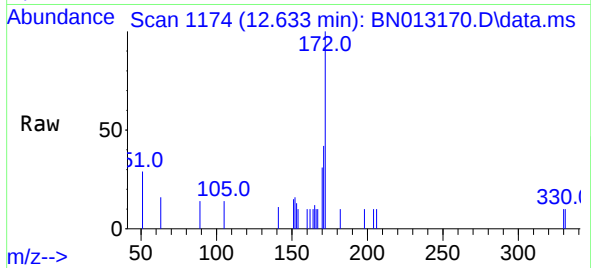




#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.633 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

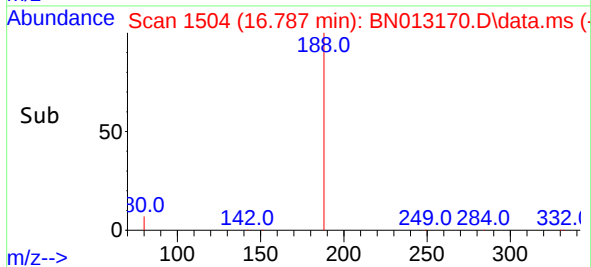
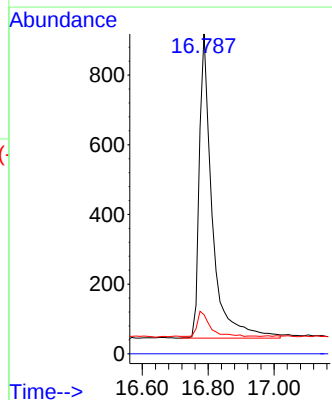
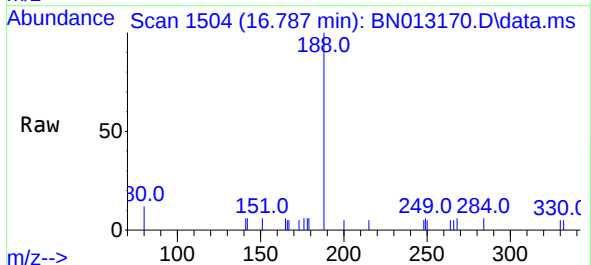
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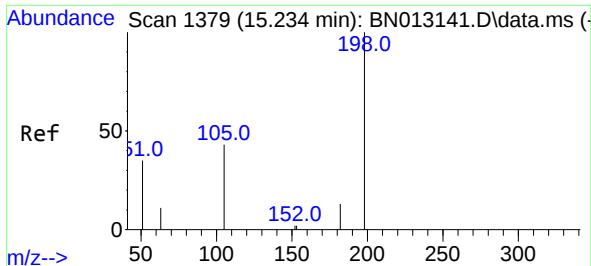
Tgt Ion:	172	Resp:	1139
Ion	Ratio	Lower	Upper
172	100		
171	41.7	28.2	42.4
170	31.3	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion:	188	Resp:	2377
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	5.0	7.4#

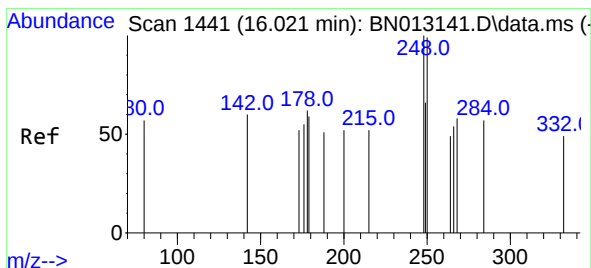
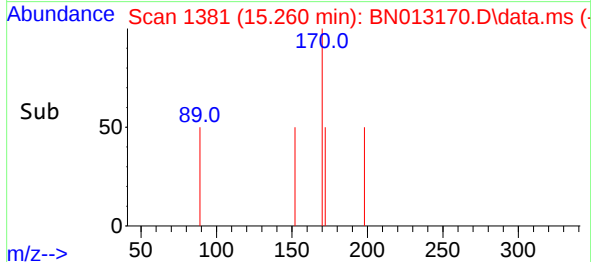
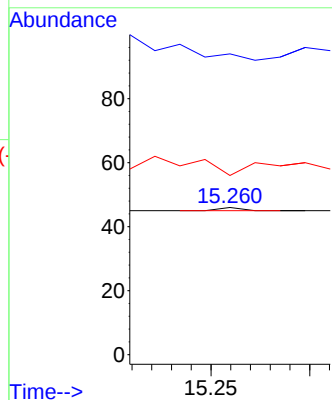
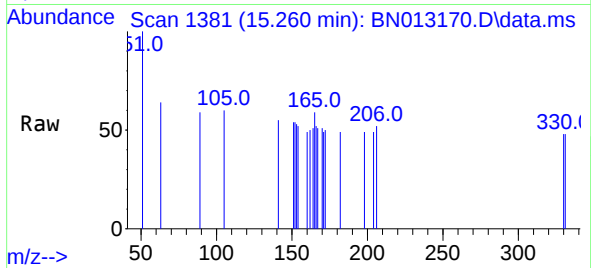




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.026 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

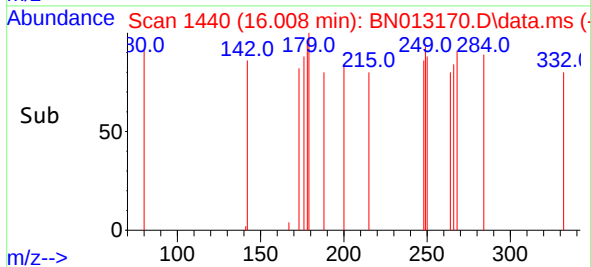
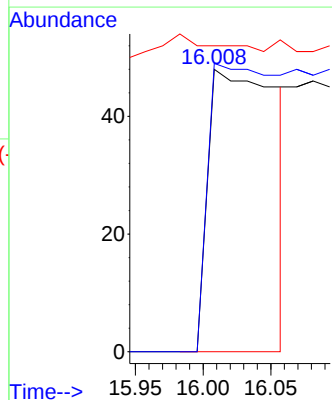
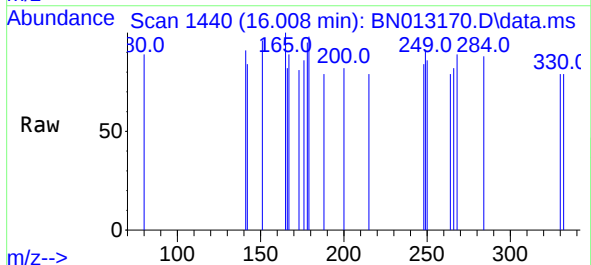
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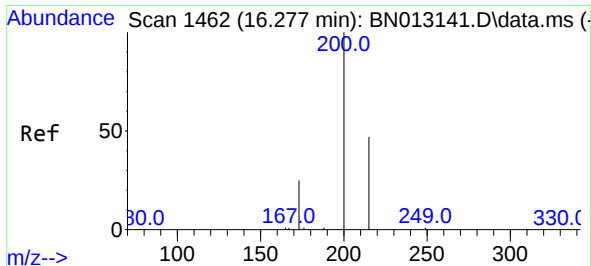
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 204.3 43.5 65.3#
105 121.7 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion:248 Resp: 170
Ion Ratio Lower Upper
248 100
250 102.1 77.3 115.9
141 108.3 57.8 86.8#

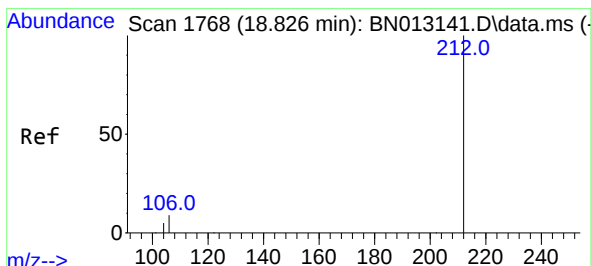
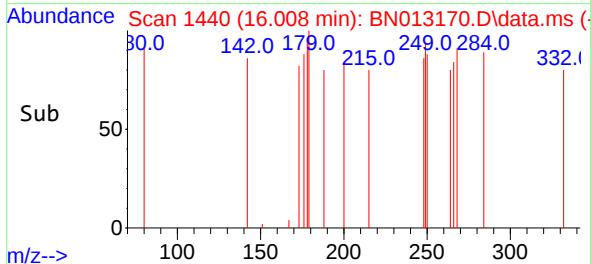
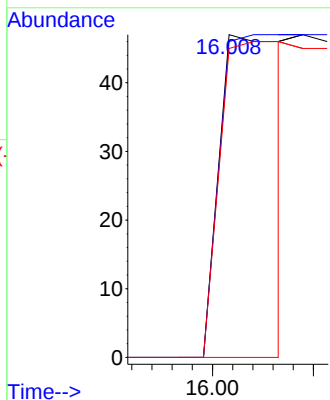
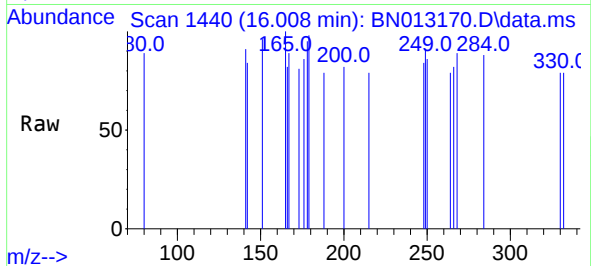




#23
Atrazine
Concen: 0.07 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

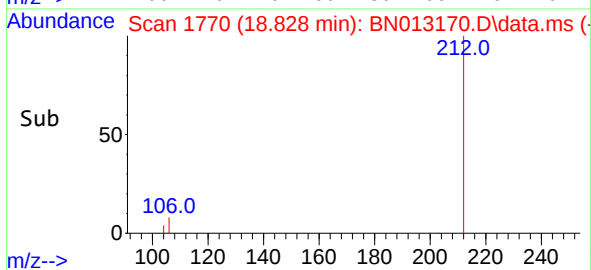
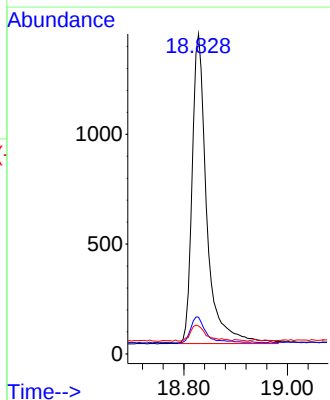
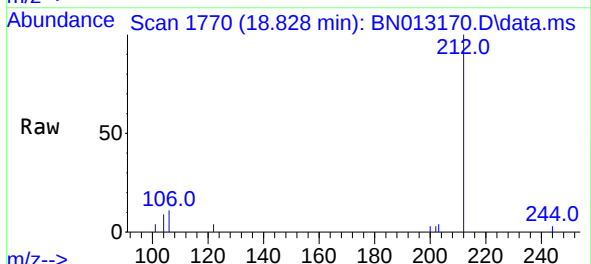
Instrument :
BNA_N
ClientSampleId :
RE103D2-20201209

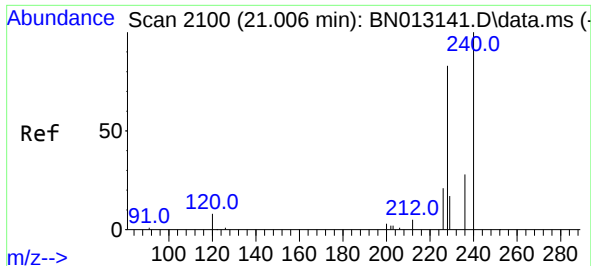
Tgt Ion:200 Resp: 104
Ion Ratio Lower Upper
200 100
173 97.9 22.8 34.2#
215 95.7 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion:212 Resp: 2778
Ion Ratio Lower Upper
212 100
106 8.8 6.8 10.2
104 5.4 4.1 6.1

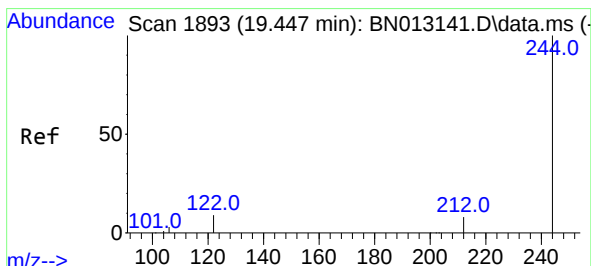
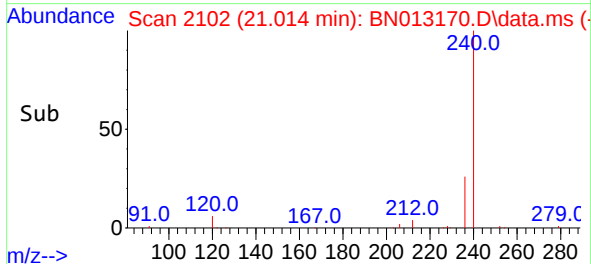
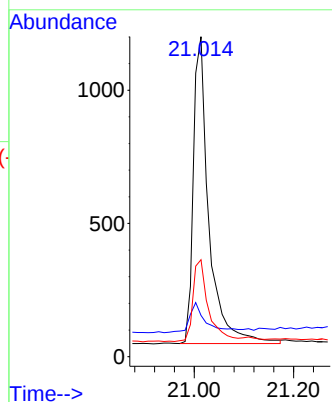
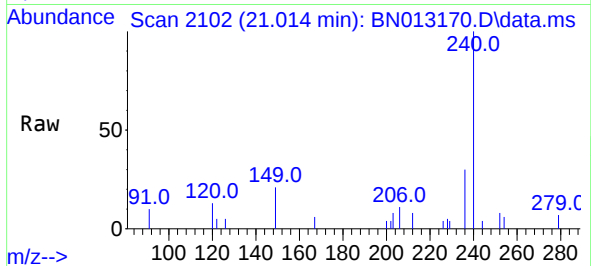




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

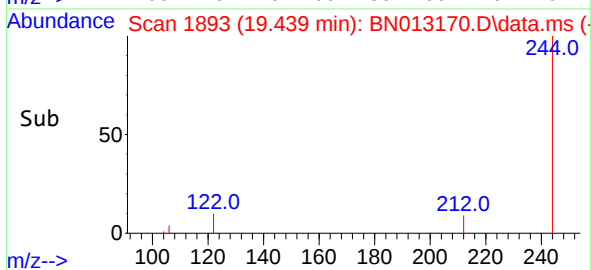
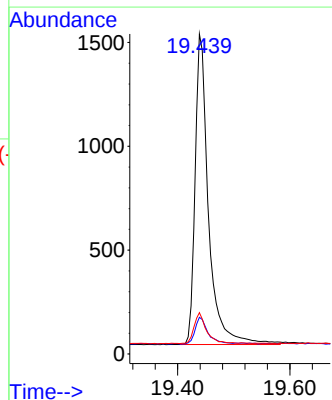
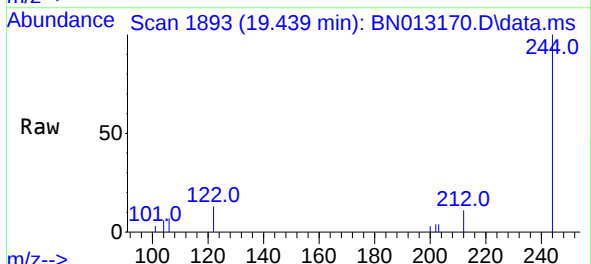
Instrument :
BNA_N
ClientSampleId :
RE103D2-20201209

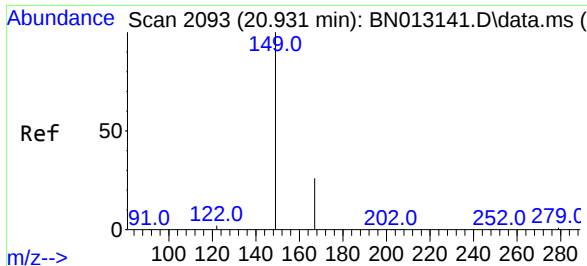
Tgt Ion:240 Resp: 2497
Ion Ratio Lower Upper
240 100
120 12.9 5.3 7.9#
236 30.3 21.8 32.8



#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion:244 Resp: 2476
Ion Ratio Lower Upper
244 100
212 11.5 7.3 10.9#
122 12.9 7.3 10.9#

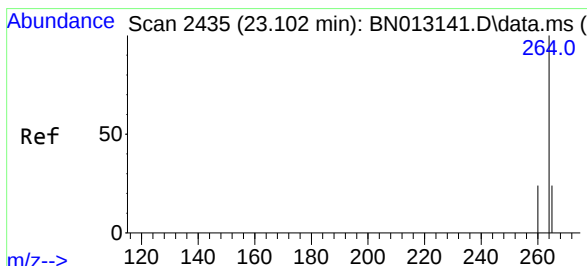
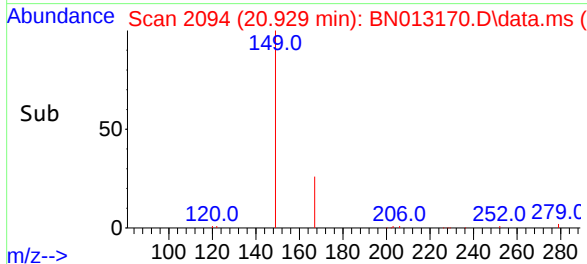
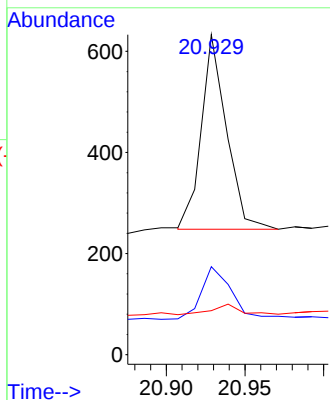
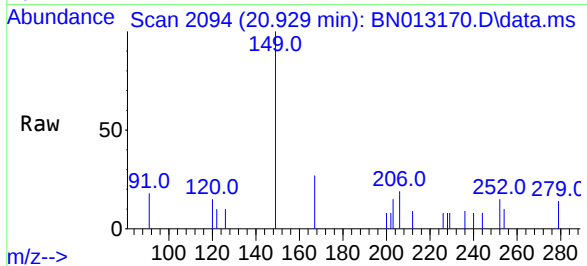




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN013170.D
Acq: 16 Dec 2020 17:56

Instrument :
BNA_N
ClientSampleId :
RE103D2-20201209

Tgt Ion:149 Resp: 429
Ion Ratio Lower Upper
149 100
167 30.8 23.2 34.8
279 6.1 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: BN013170.D
Acq: 16 Dec 2020 17:56

Tgt Ion:264 Resp: 2888
Ion Ratio Lower Upper
264 100
260 28.2 19.8 29.6
265 92.4 51.4 77.0#

