

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013203.D
 Acq On : 18 Dec 2020 03:54
 Operator : CG/JU
 Sample : L5053-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP0420201210

Quant Time: Dec 18 04:43:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 12:34:52 2020
 Response via : Initial Calibration

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

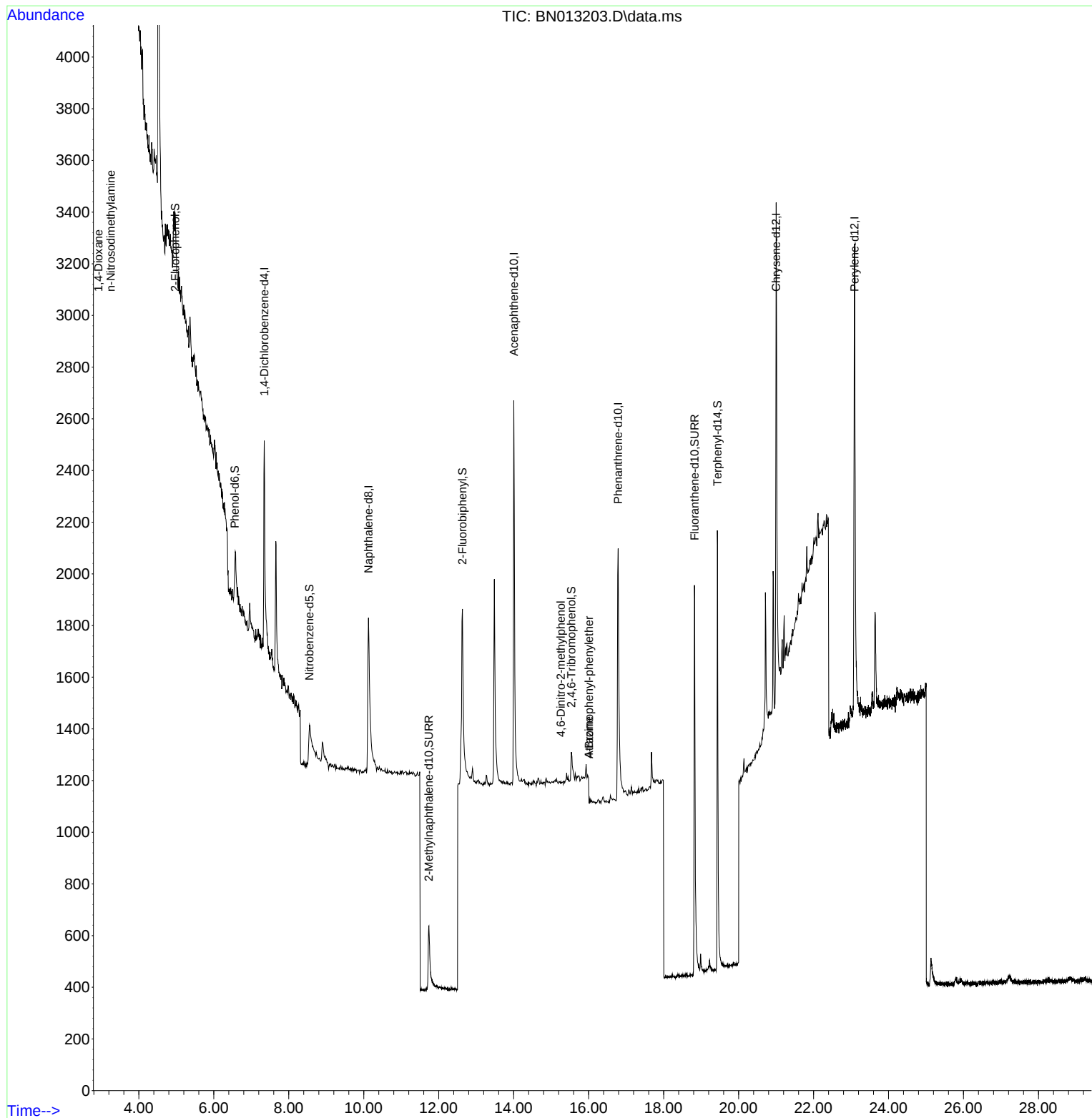
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	558	0.40	ng	# 0.00
7) Naphthalene-d8	10.125	136	1706	0.40	ng	# 0.01
13) Acenaphthene-d10	14.004	164	1163	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2576	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2751	0.40	ng	# 0.00
36) Perylene-d12	23.093	264	3011	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	196	0.09	ng	0.00
5) Phenol-d6	6.557	99	92	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	399	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.733	152	734	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	167	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1116	0.23	ng	0.00
27) Fluoranthene-d10	18.823	212	2738	0.32	ng	0.00
31) Terphenyl-d14	19.434	244	2450	0.35	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	7353	7.56	ng	92
3) n-Nitrosodimethylamine	3.255	42	119	0.07	ng	# 25
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	34	0.07	ng	# 77
23) Atrazine	16.008	200	34	0.02	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.918	149	586	Below	Cal	96

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

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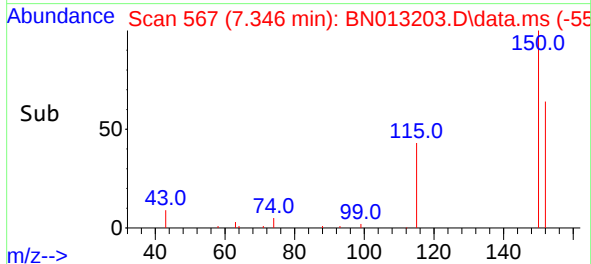
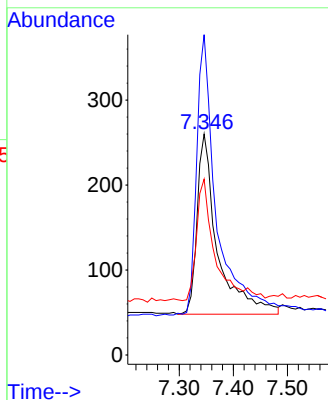
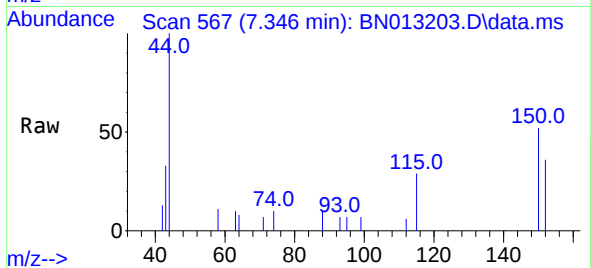




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

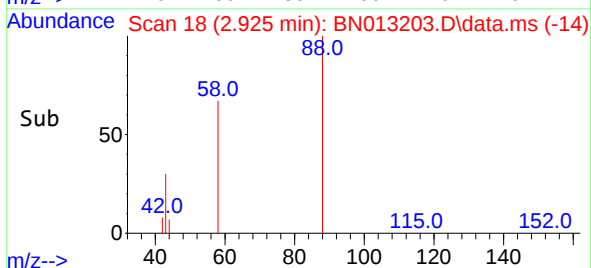
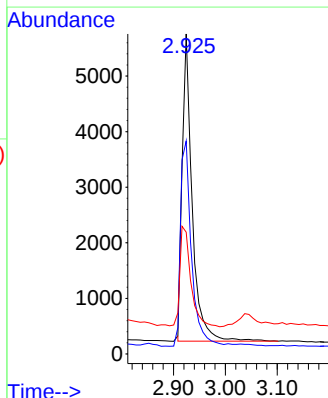
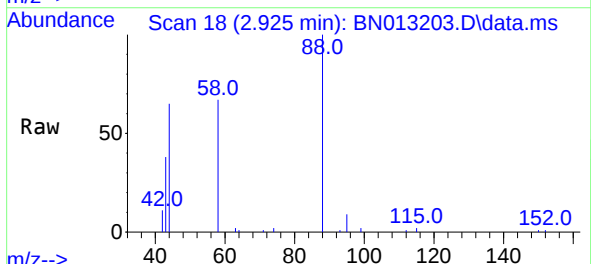
Instrument :
BNA_N
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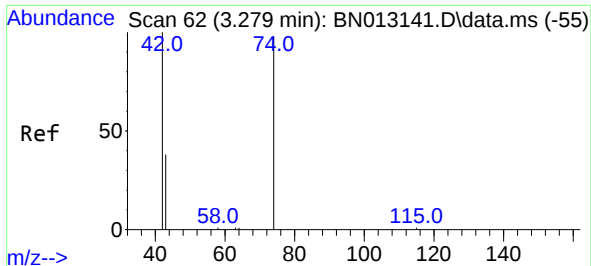
Tgt Ion:152 Resp: 558
Ion Ratio Lower Upper
152 100
150 145.0 116.6 174.8
115 79.6 52.9 79.3#



#2
1,4-Dioxane
Concen: 7.56 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 88 Resp: 7353
Ion Ratio Lower Upper
88 100
58 69.1 59.4 89.2
43 33.8 32.3 48.5

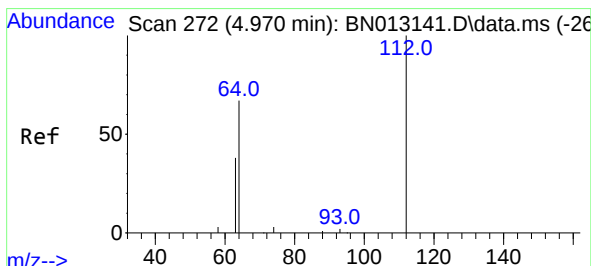
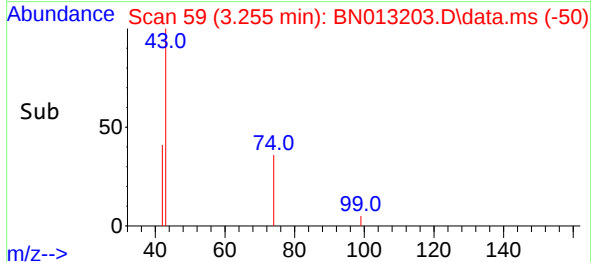
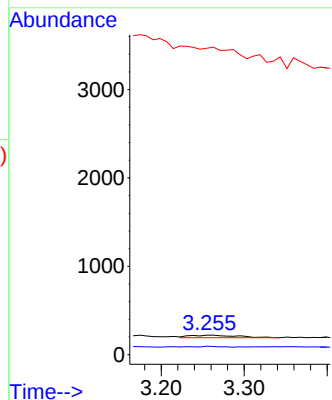
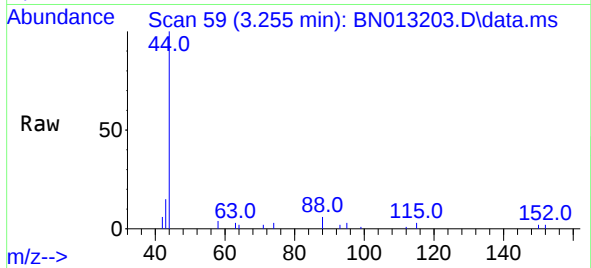




#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.255 min Scan# 59
Delta R.T. -0.024 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

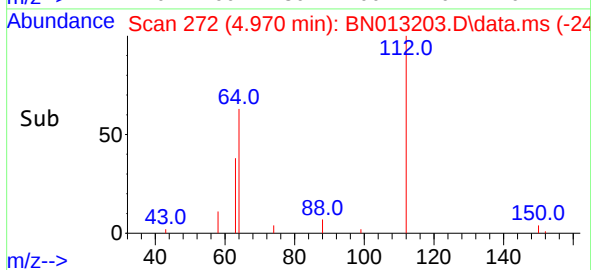
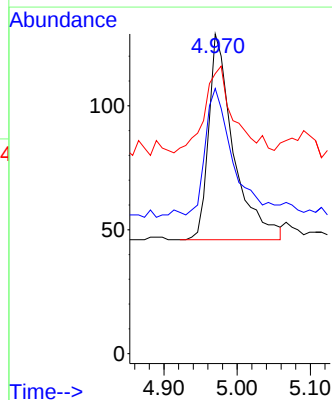
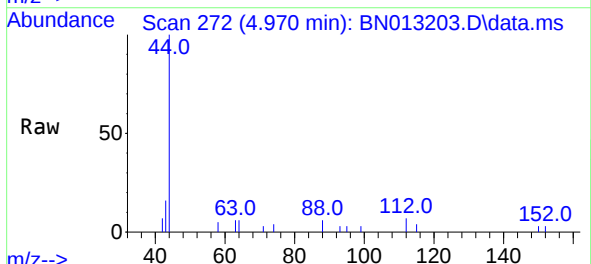
Instrument :
BNA_N
ClientSampleId :
DUP0420201210

Tgt Ion: 42 Resp: 119
Ion Ratio Lower Upper
42 100
74 11.8 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 112 Resp: 196
Ion Ratio Lower Upper
112 100
64 71.4 49.5 74.3
63 57.7 32.0 48.0#



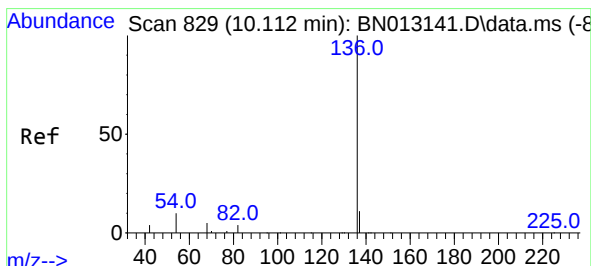
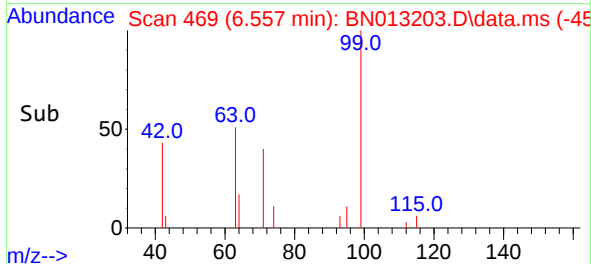
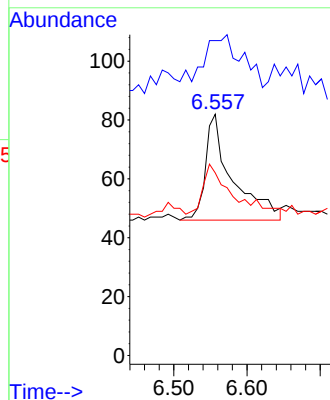
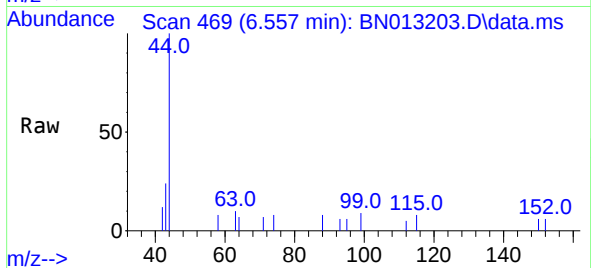


#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Instrument :
BNA_N
ClientSampleId :
DUP0420201210

Tgt Ion: 99 Resp: 92

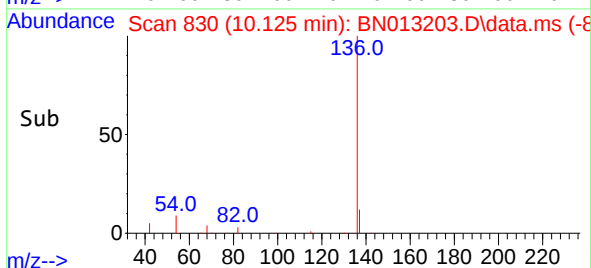
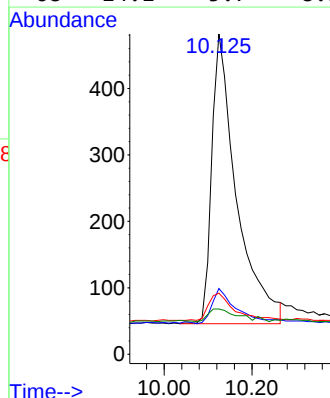
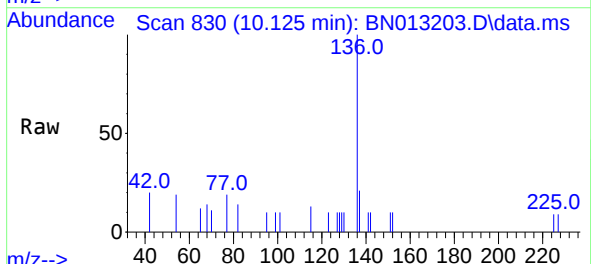
Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	52.2	37.8	56.6

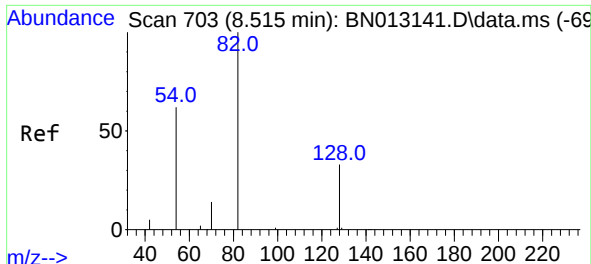


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 136 Resp: 1706

Ion	Ratio	Lower	Upper
136	100		
137	20.5	10.6	15.8#
54	19.1	8.6	12.8#
68	14.1	5.7	8.5#

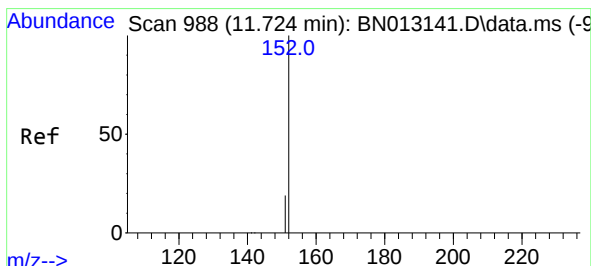
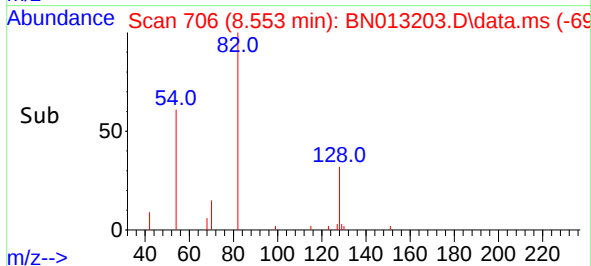
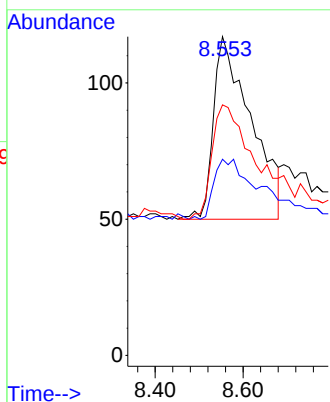
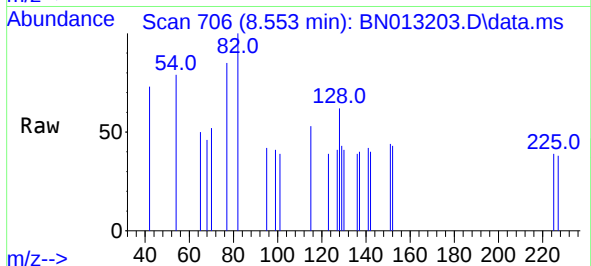




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

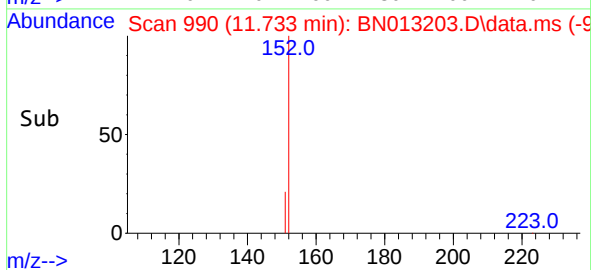
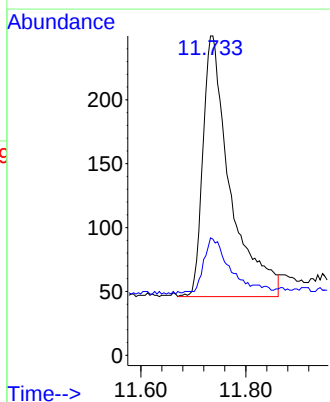
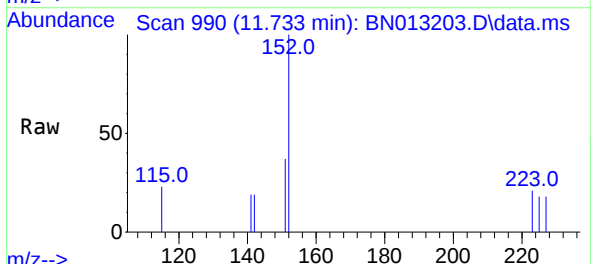
Instrument :
BNA_N
ClientSampleId :
DUP0420201210

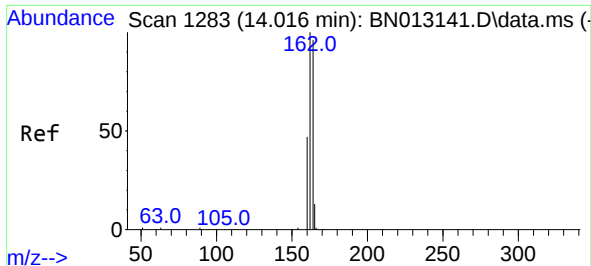
Tgt Ion: 82 Resp: 399
Ion Ratio Lower Upper
82 100
128 61.5 30.6 46.0#
54 78.6 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.733 min Scan# 990
Delta R.T. 0.005 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion: 152 Resp: 734
Ion Ratio Lower Upper
152 100
151 17.8 16.7 25.1

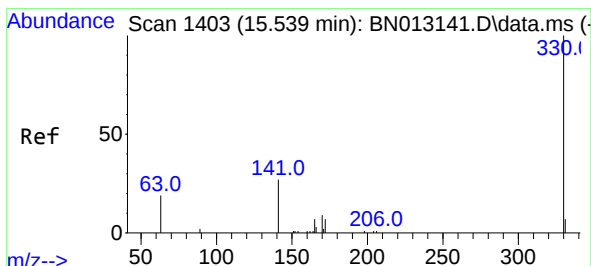
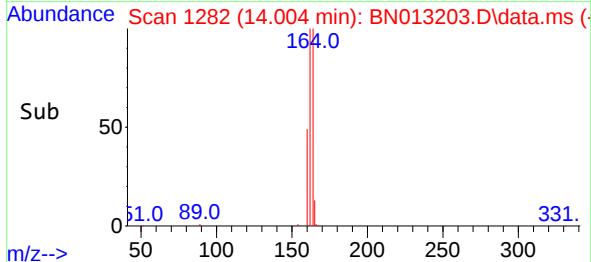
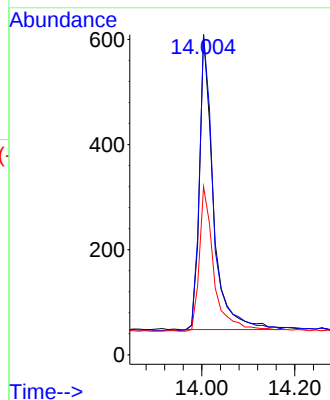
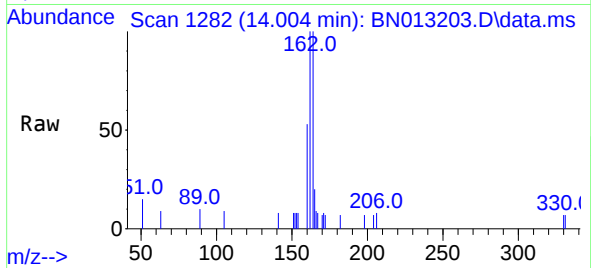




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

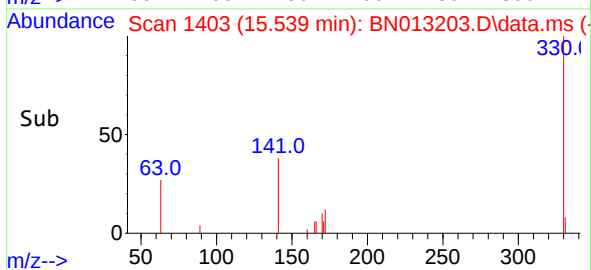
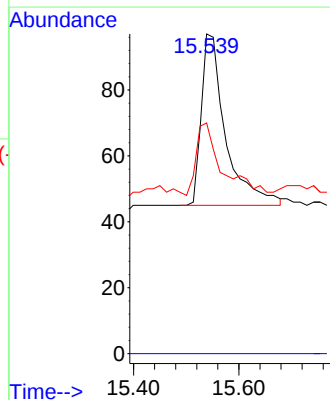
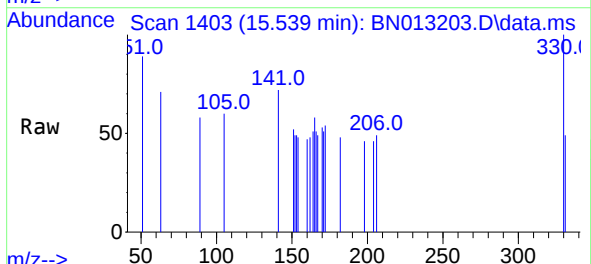
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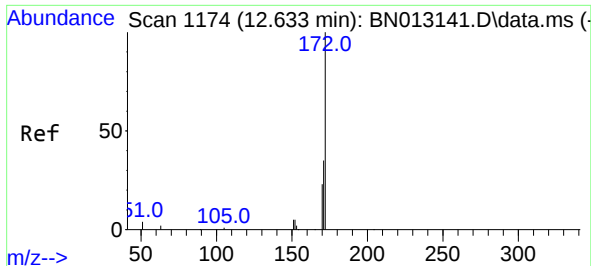
Tgt Ion:164 Resp: 1163
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 52.5 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:330 Resp: 167
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.9 34.4 51.6

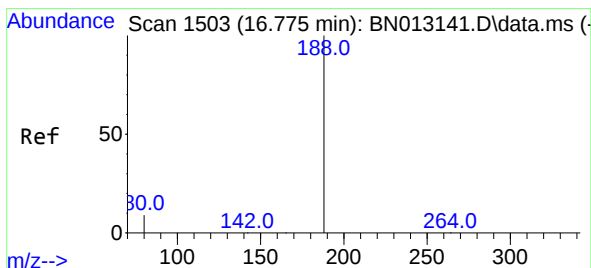
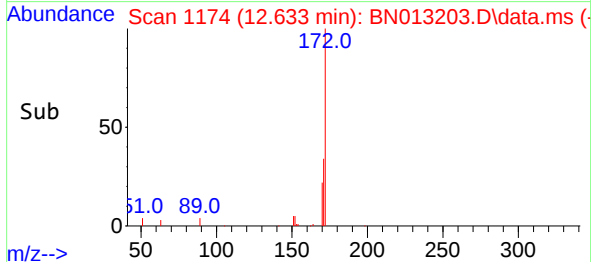
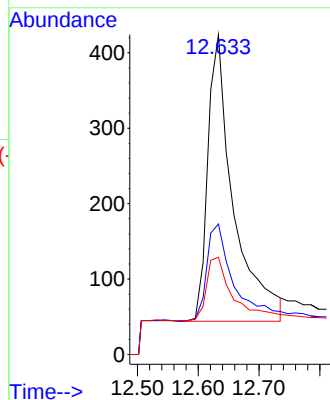
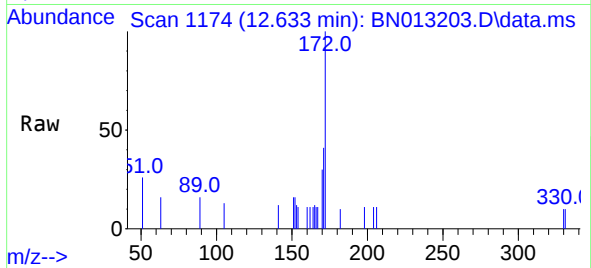




#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

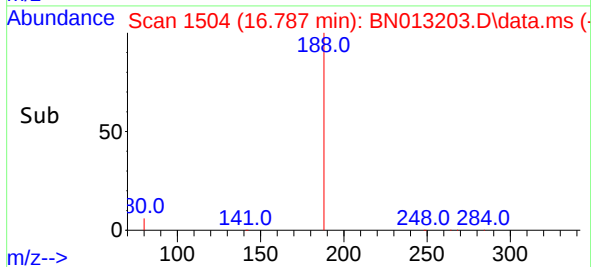
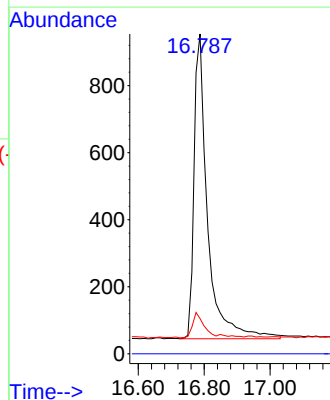
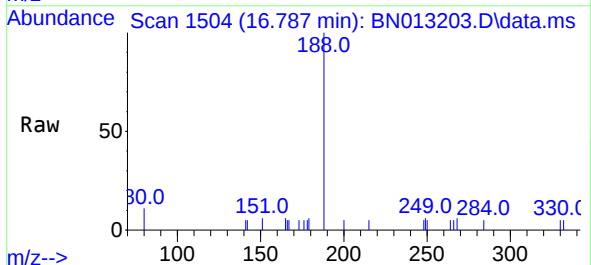
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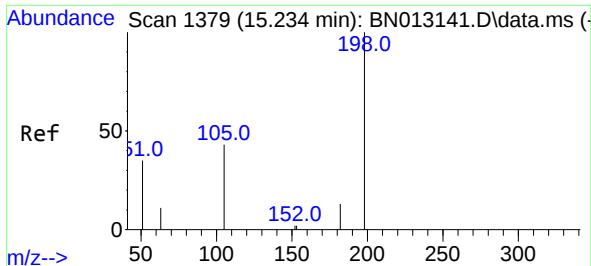
Tgt Ion:	172	Resp:	1116
Ion	Ratio	Lower	Upper
172	100		
171	40.8	28.2	42.4
170	30.4	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:	188	Resp:	2576
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	5.0	7.4#

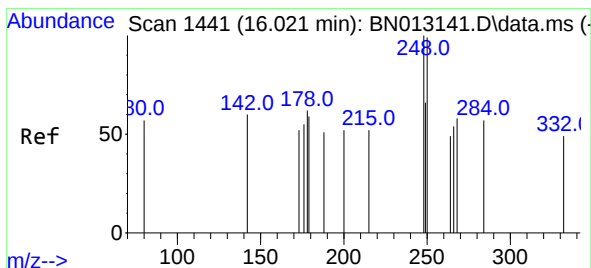
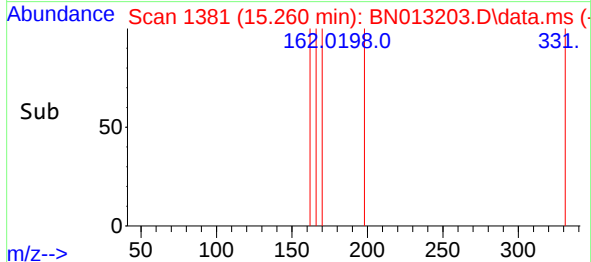
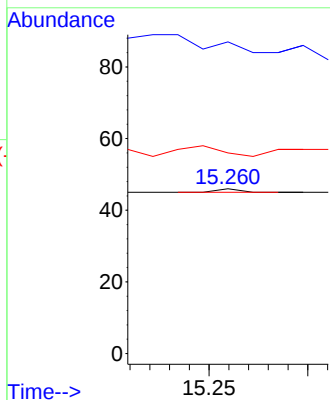
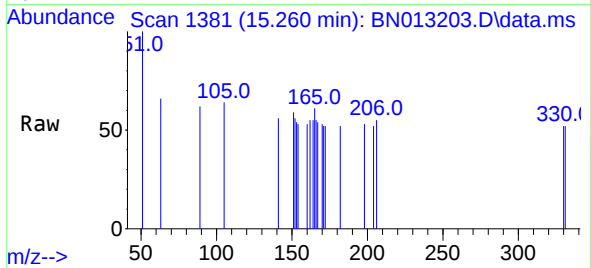




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

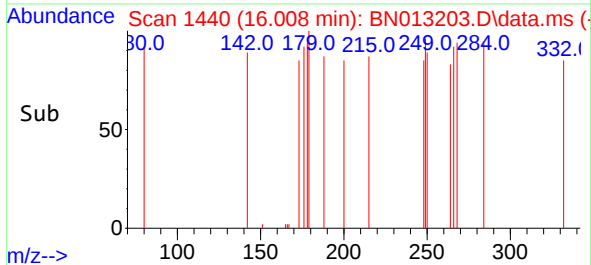
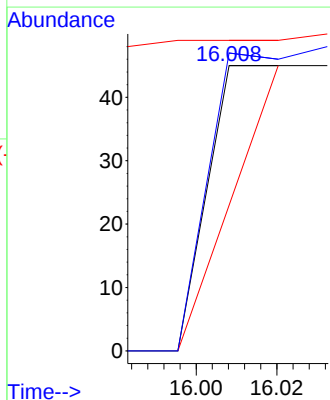
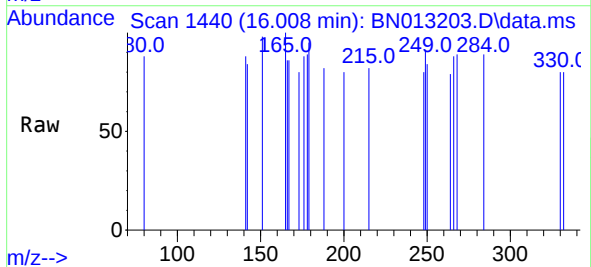
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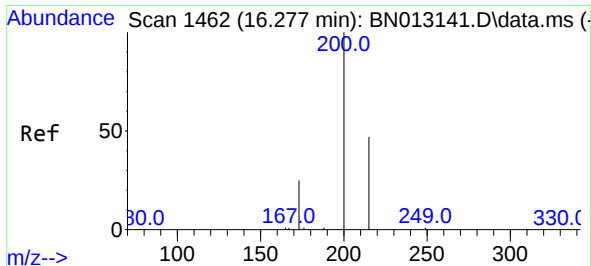
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 189.1 43.5 65.3#
105 121.7 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:248 Resp: 34
Ion Ratio Lower Upper
248 100
250 104.4 77.3 115.9
141 108.9 57.8 86.8#

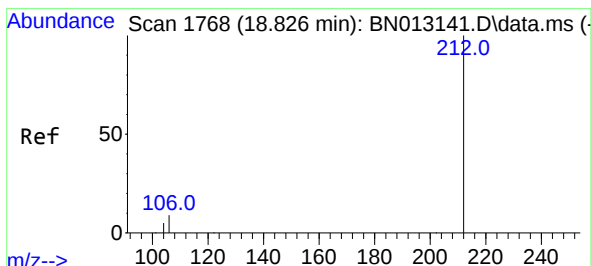
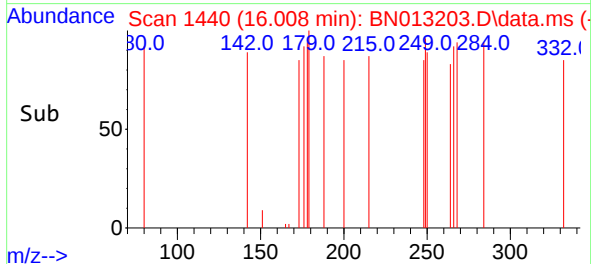
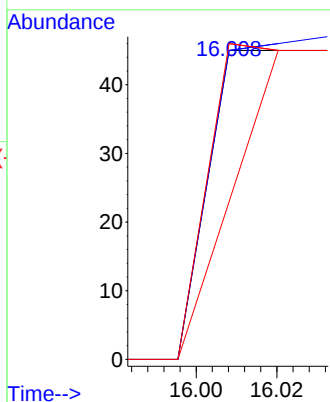
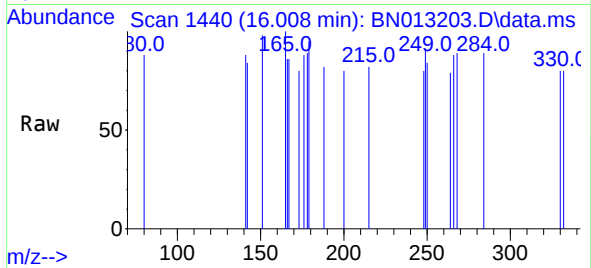




#23
Atrazine
Concen: 0.02 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

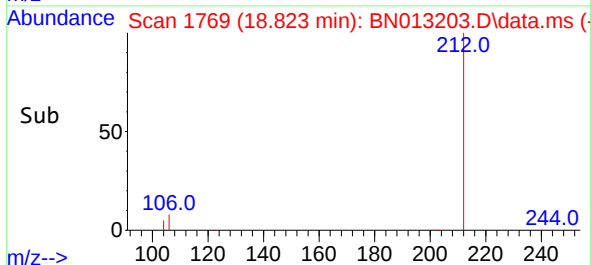
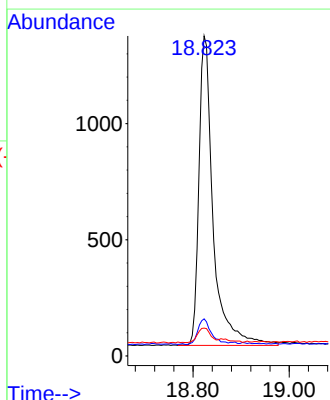
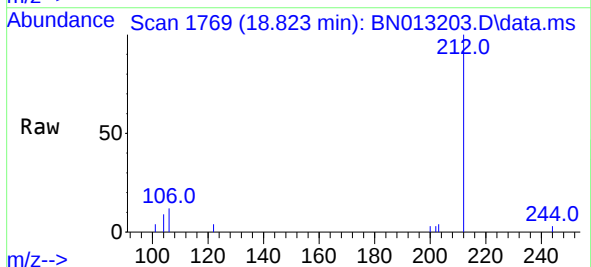
Instrument :
BNA_N
ClientSampleId :
DUP0420201210

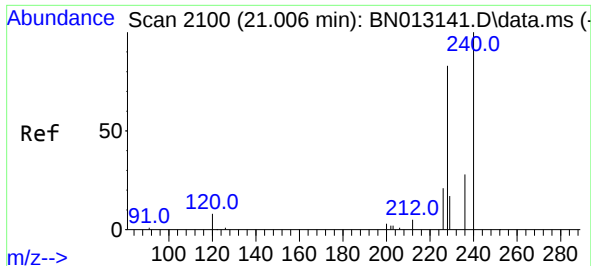
Tgt Ion:200 Resp: 34
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 102.2 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.823 min Scan# 1769
Delta R.T. -0.003 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:212 Resp: 2738
Ion Ratio Lower Upper
212 100
106 7.7 6.8 10.2
104 4.3 4.1 6.1

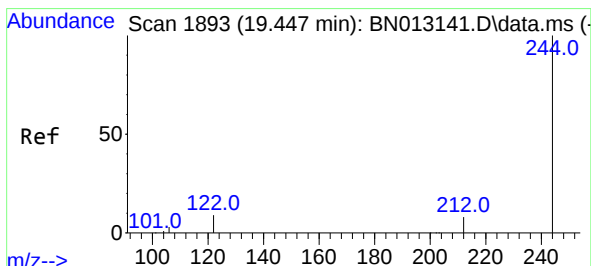
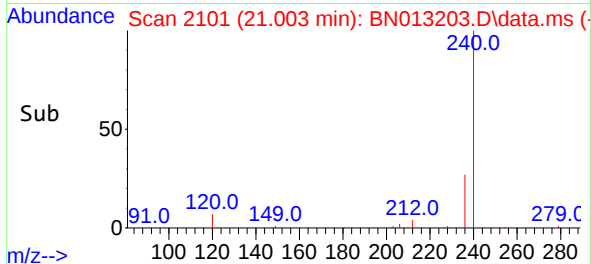
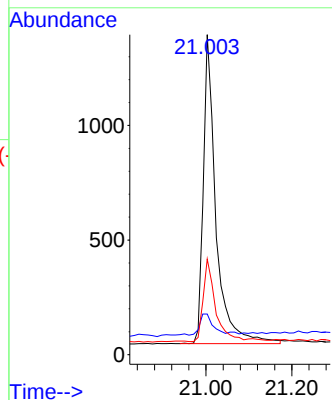
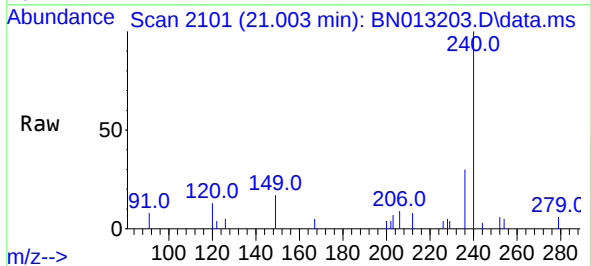




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

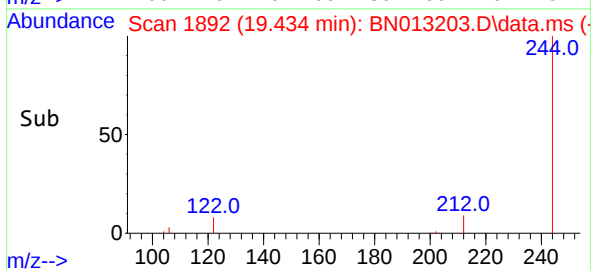
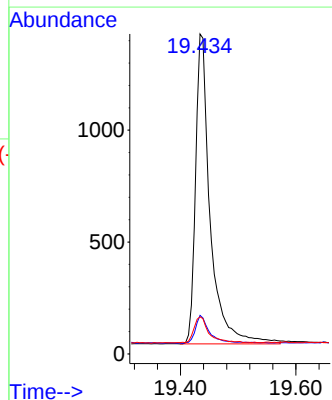
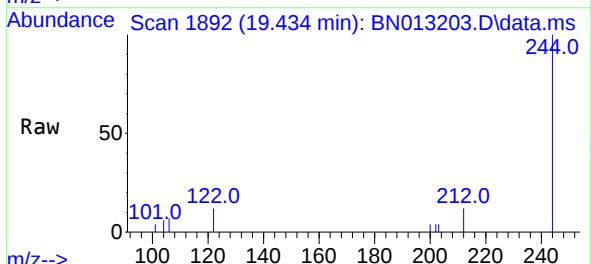
Instrument :
BNA_N
ClientSampleId :
DUP0420201210

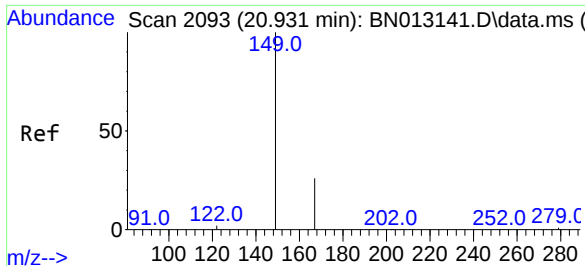
Tgt Ion:240 Resp: 2751
Ion Ratio Lower Upper
240 100
120 12.7 5.3 7.9#
236 29.9 21.8 32.8



#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.434 min Scan# 1892
Delta R.T. -0.018 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:244 Resp: 2450
Ion Ratio Lower Upper
244 100
212 12.0 7.3 10.9#
122 11.6 7.3 10.9#

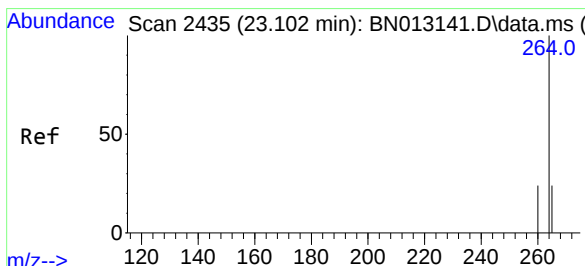
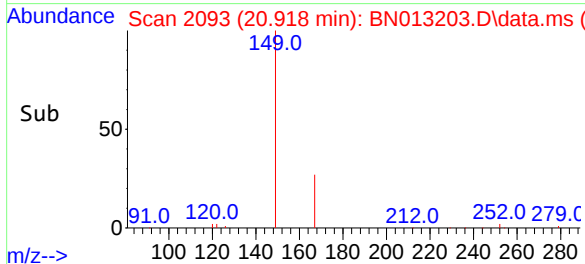
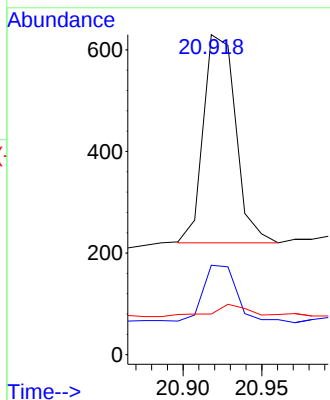
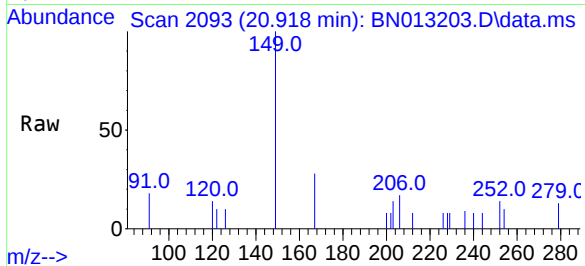




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.013 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Instrument :
BNA_N
ClientSampleId :
DUP0420201210

Tgt Ion:149 Resp: 586
Ion Ratio Lower Upper
149 100
167 26.8 23.2 34.8
279 4.1 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.093 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BN013203.D
Acq: 18 Dec 2020 03:54

Tgt Ion:264 Resp: 3011
Ion Ratio Lower Upper
264 100
260 26.5 19.8 29.6
265 80.8 51.4 77.0#

