

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013196.D
 Acq On : 17 Dec 2020 21:13
 Operator : CG/JU
 Sample : L5053-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 18 03:05:53 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)

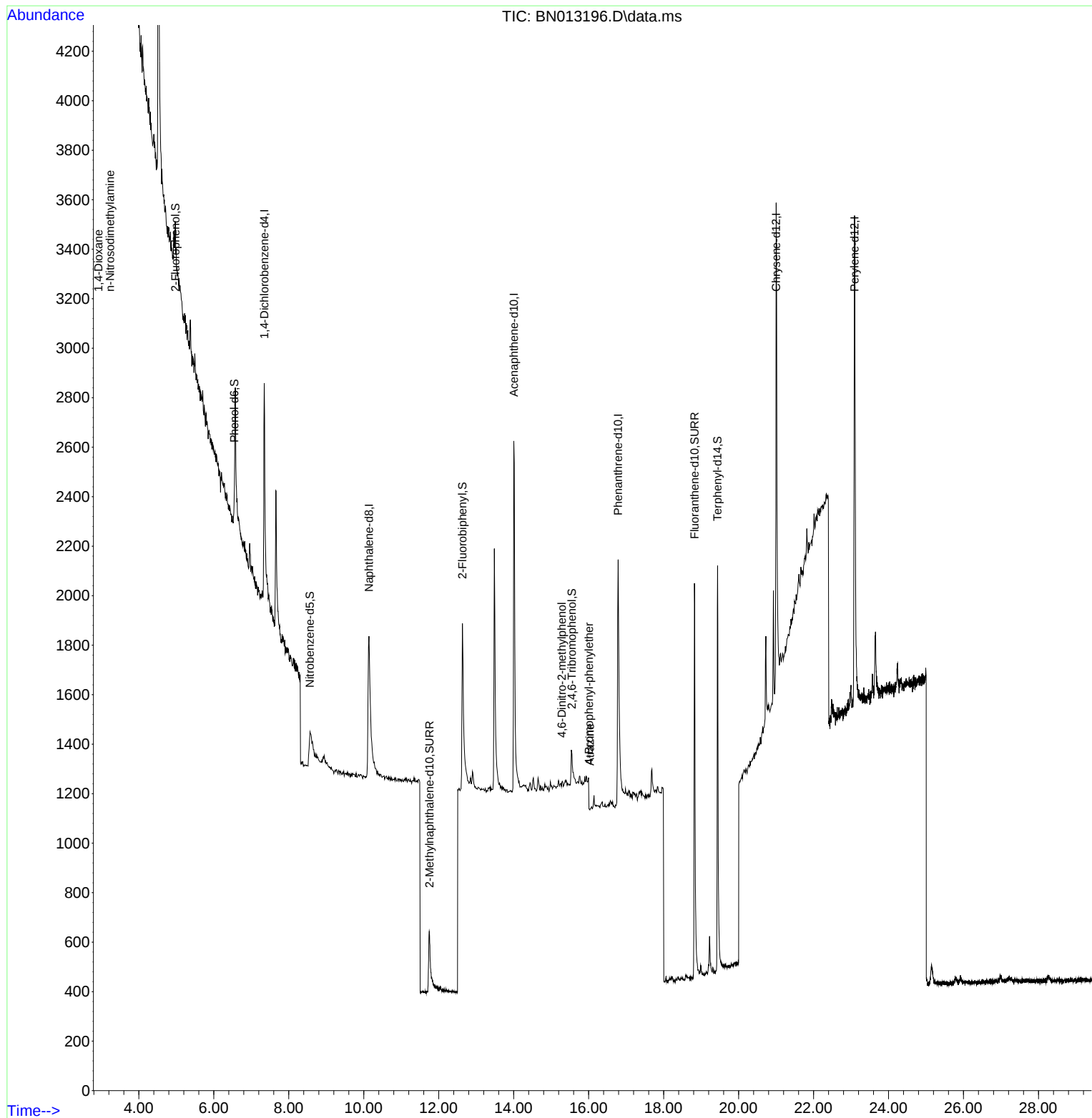
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	688	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1934	0.40	ng	# 0.03
13) Acenaphthene-d10	14.004	164	1274	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2654	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2721	0.40	ng	# 0.00
36) Perylene-d12	23.093	264	3089	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	233	0.08	ng	0.00
5) Phenol-d6	6.549	99	93	0.03	ng	0.00
8) Nitrobenzene-d5	8.566	82	392	0.20	ng	0.05
11) 2-Methylnaphthalene-d10	11.751	152	786	0.23	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	174	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1141	0.21	ng	0.00
27) Fluoranthene-d10	18.823	212	2751	0.31	ng	0.00
31) Terphenyl-d14	19.439	244	2394	0.35	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	6324	5.27	ng	96
3) n-Nitrosodimethylamine	3.231	42	82	0.04	ng	# 36
20) 4,6-Dinitro-2-methylph...	15.285	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	101	0.19	ng	# 75
23) Atrazine	16.033	200	236	0.15	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	380	Below	Cal	# 97

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

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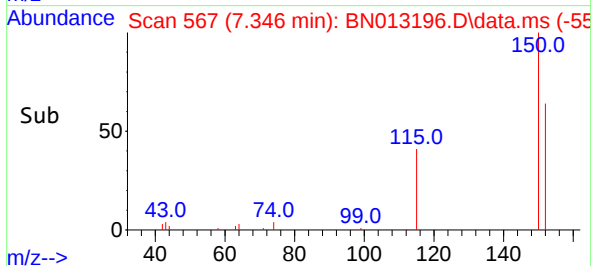
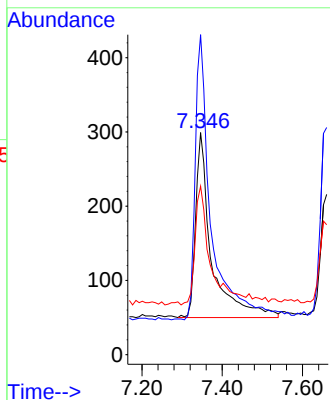
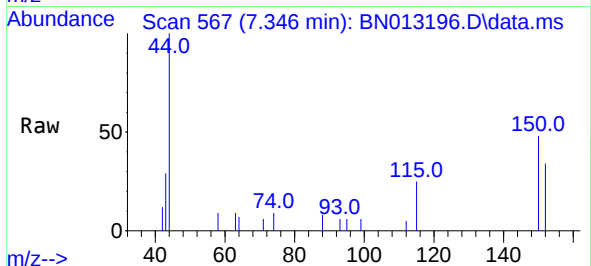




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

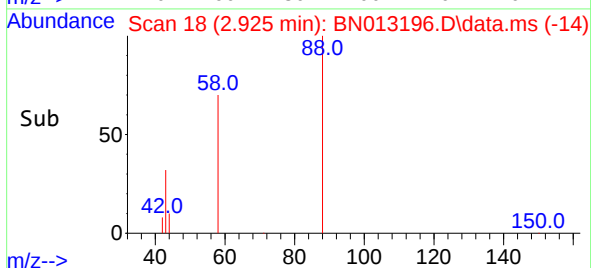
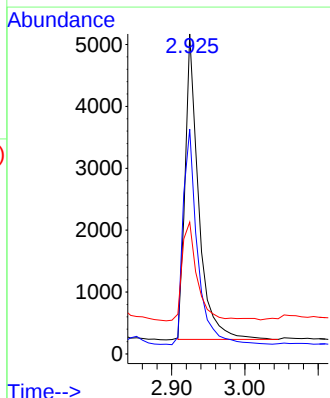
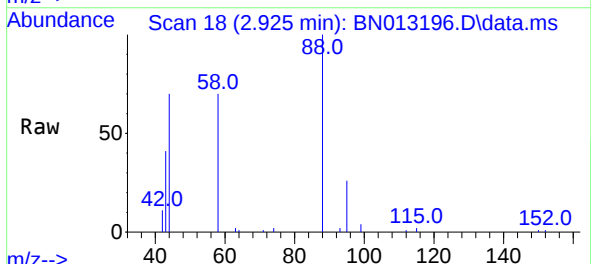
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 688
Ion Ratio Lower Upper
152 100
150 144.1 116.6 174.8
115 75.9 52.9 79.3



#2
1,4-Dioxane
Concen: 5.27 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion: 88 Resp: 6324
Ion Ratio Lower Upper
88 100
58 73.6 59.4 89.2
43 34.2 32.3 48.5

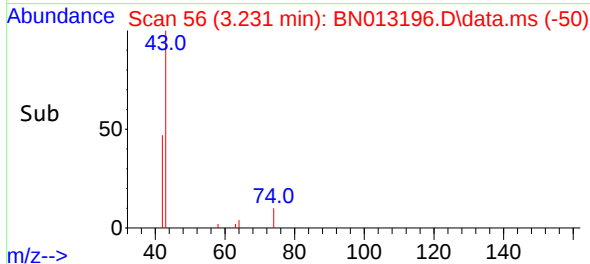
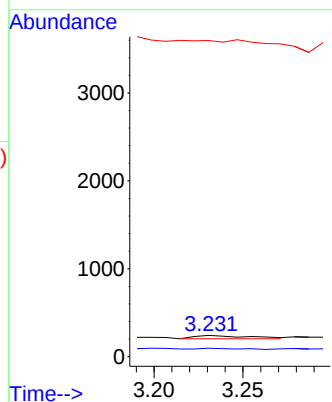
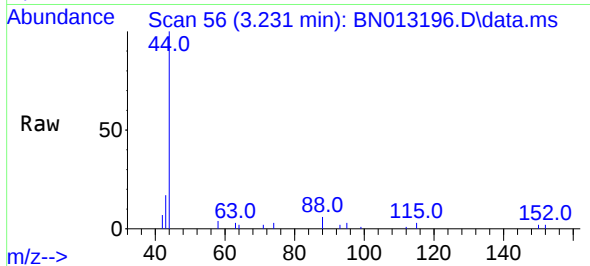




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.231 min Scan# 56
Delta R.T. -0.048 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

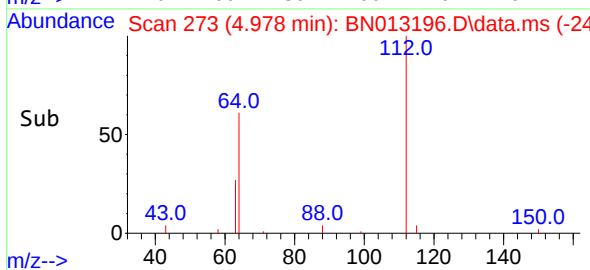
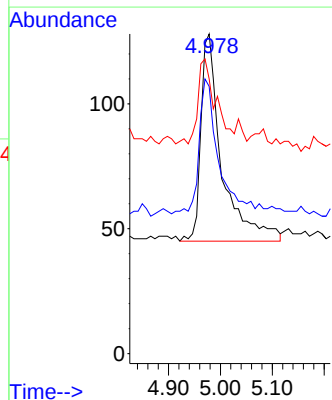
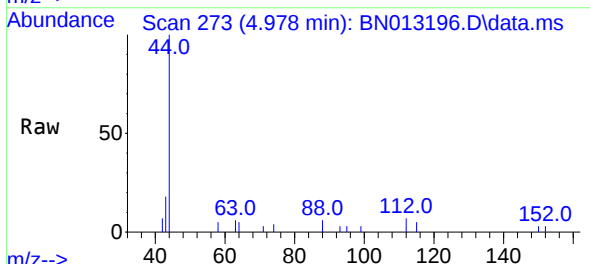
Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 82
Ion Ratio Lower Upper
42 100
74 22.0 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: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion: 112 Resp: 233
Ion Ratio Lower Upper
112 100
64 61.4 49.5 74.3
63 36.5 32.0 48.0

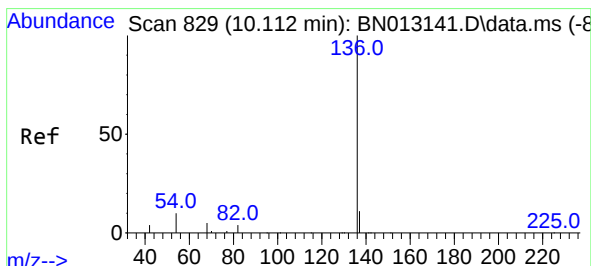
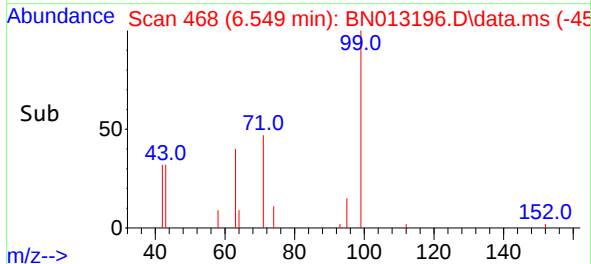
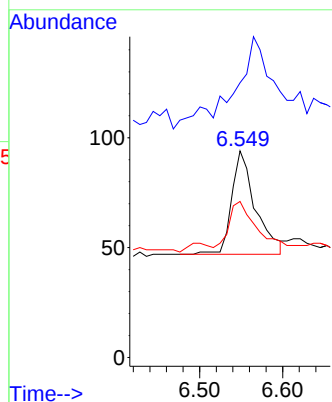
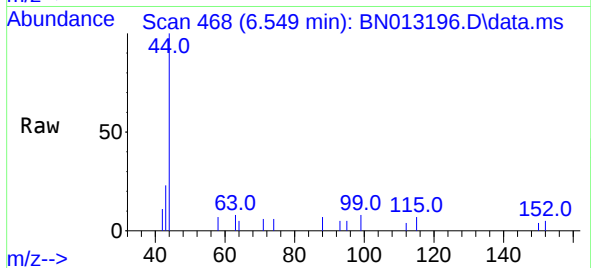




#5
Phenol-d6
Concen: 0.03 ng
RT: 6.549 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

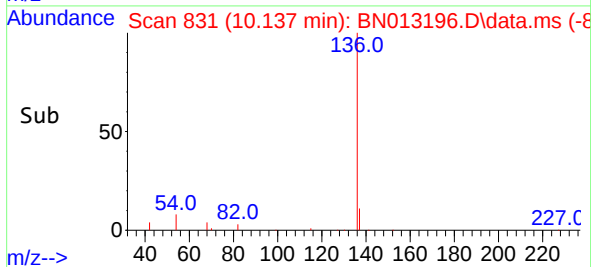
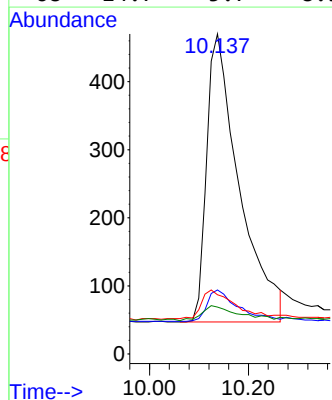
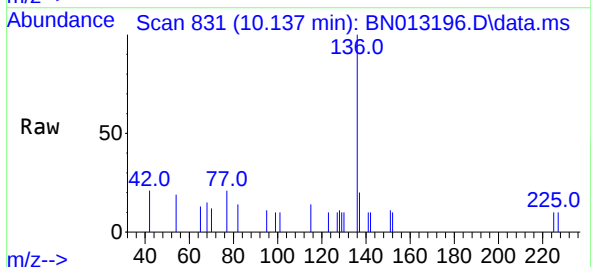
Instrument :
BNA_N
ClientSampled :

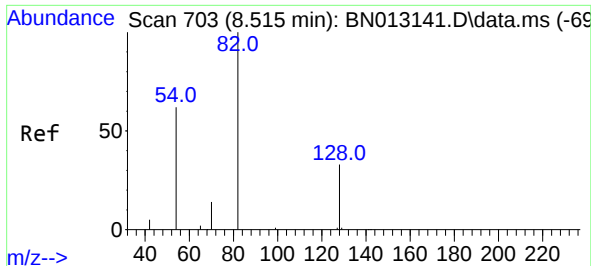
Tgt Ion: 99 Resp: 93
Ion Ratio Lower Upper
99 100
42 165.6 22.4 33.6#
71 58.1 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion: 136 Resp: 1934
Ion Ratio Lower Upper
136 100
137 20.0 10.6 15.8#
54 18.5 8.6 12.8#
68 14.7 5.7 8.5#

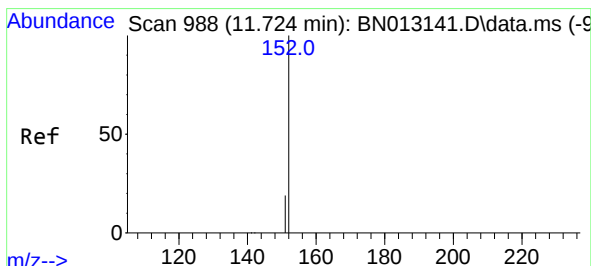
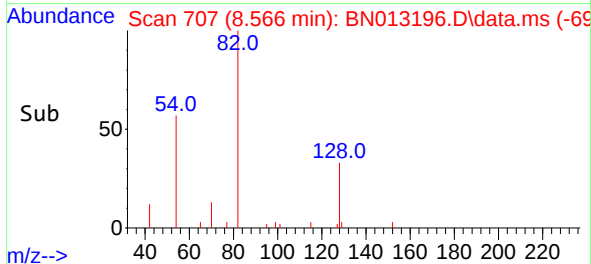
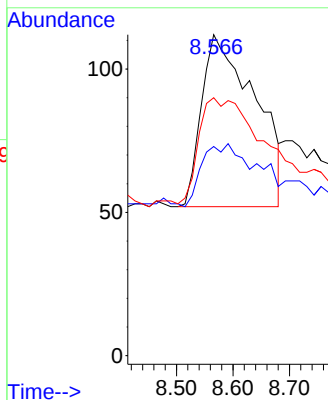
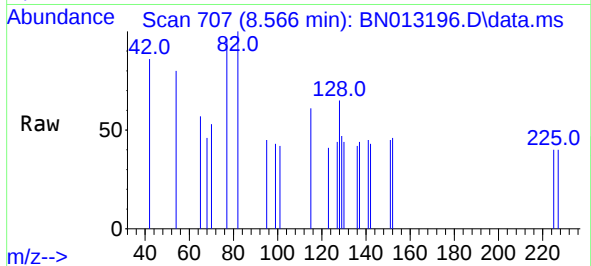




#8
Nitrobenzene-d5
Concen: 0.20 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.051 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

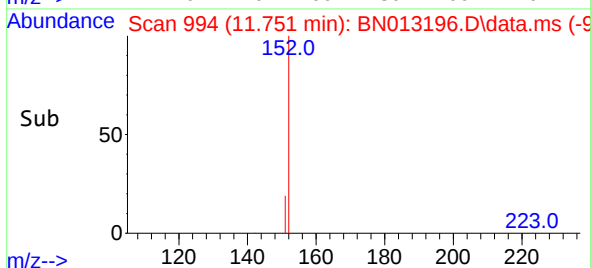
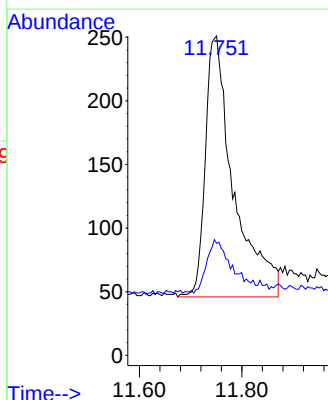
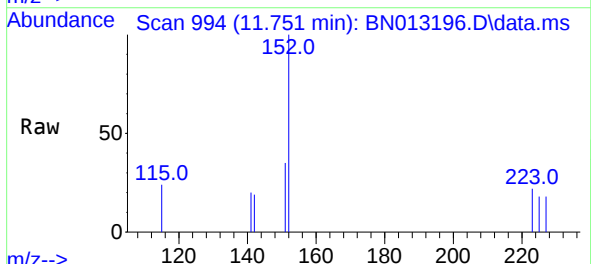
Instrument :
BNA_N
ClientSampled :

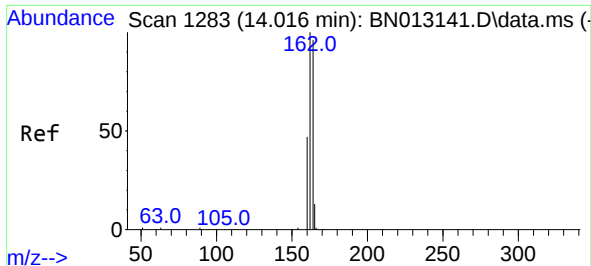
Tgt Ion: 82 Resp: 392
Ion Ratio Lower Upper
82 100
128 65.2 30.6 46.0#
54 80.4 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.751 min Scan# 994
Delta R.T. 0.022 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion:152 Resp: 786
Ion Ratio Lower Upper
152 100
151 17.6 16.7 25.1

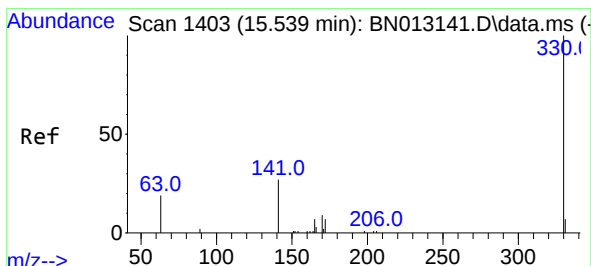
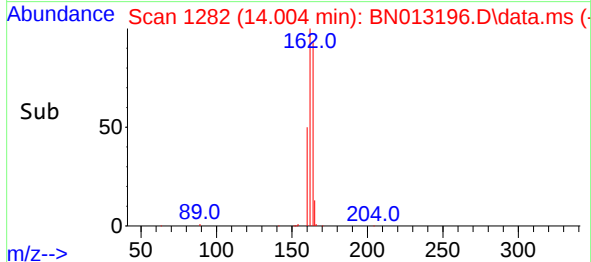
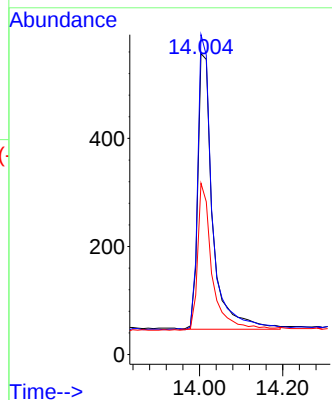
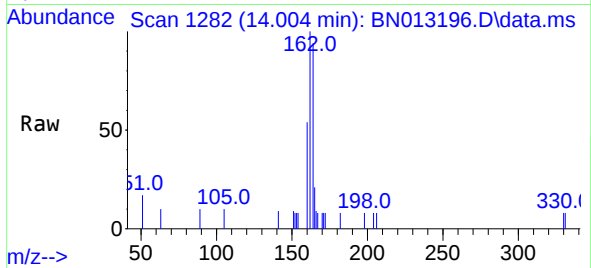




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

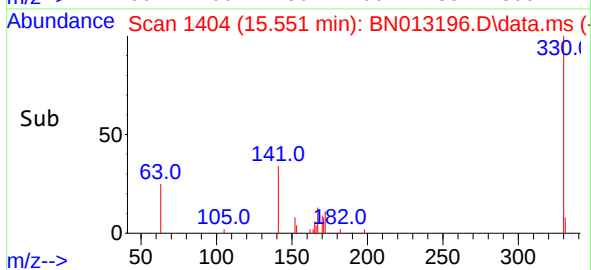
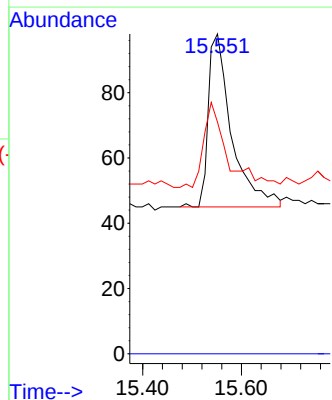
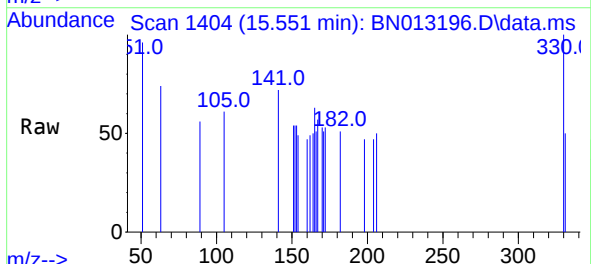
Instrument :
BNA_N
ClientSampled :

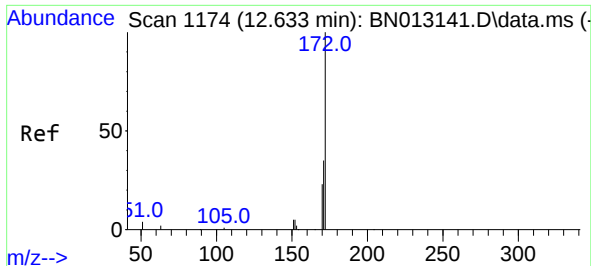
Tgt Ion:164 Resp: 1274
Ion Ratio Lower Upper
164 100
162 106.3 80.6 120.8
160 56.9 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion:330 Resp: 174
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 49.4 34.4 51.6

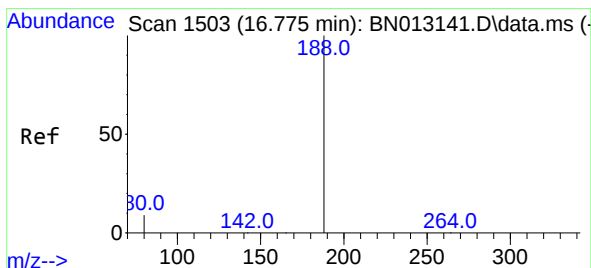
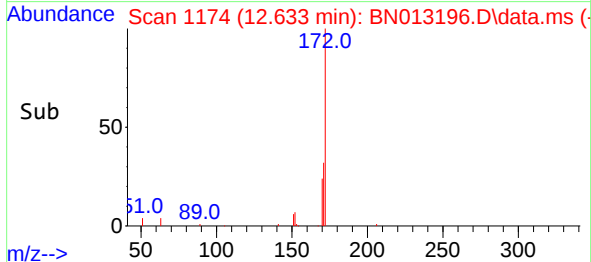
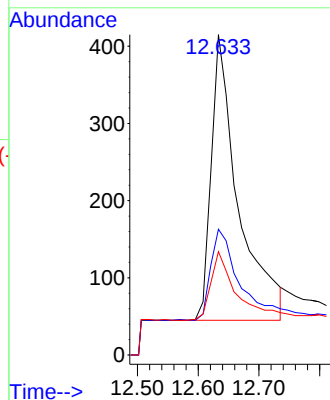
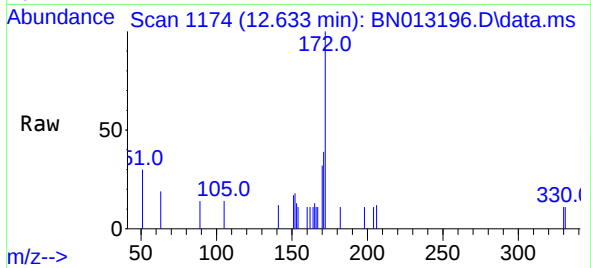




#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

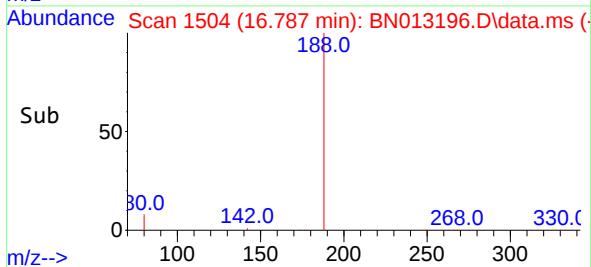
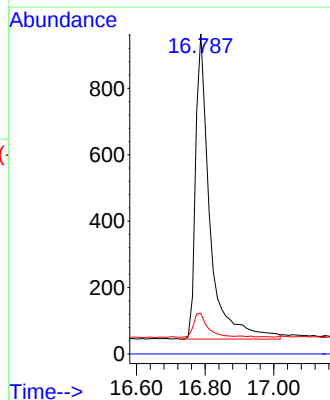
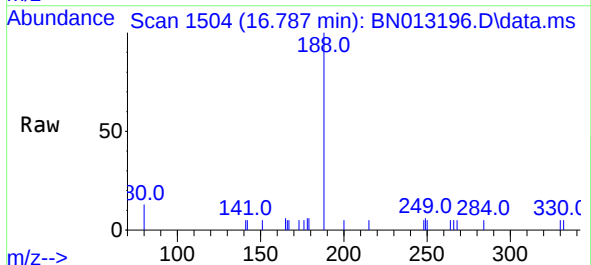
Instrument :
BNA_N
ClientSampled :

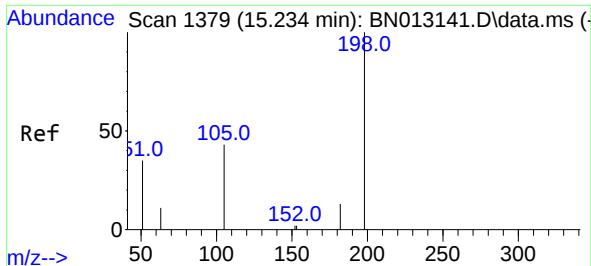
Tgt Ion:	172	Resp:	1141
Ion	Ratio	Lower	Upper
172	100		
171	39.3	28.2	42.4
170	32.3	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion:	188	Resp:	2654
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	5.0	7.4#

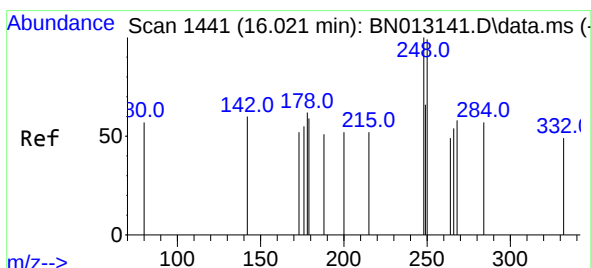
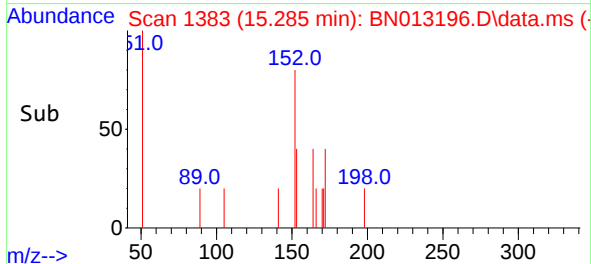
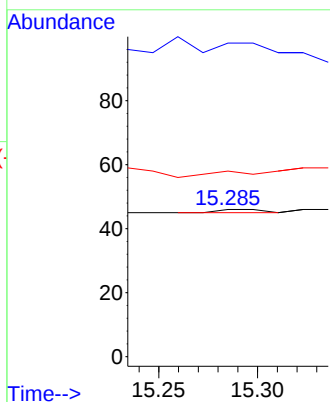
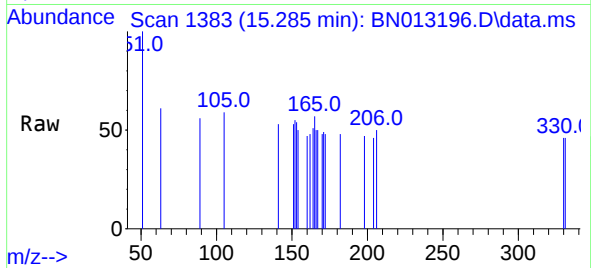




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.285 min Scan# 1383
Delta R.T. 0.038 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

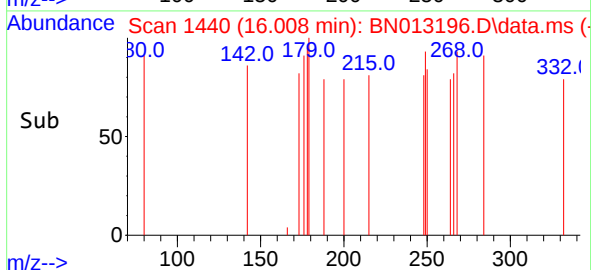
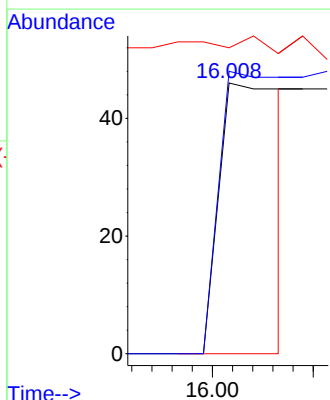
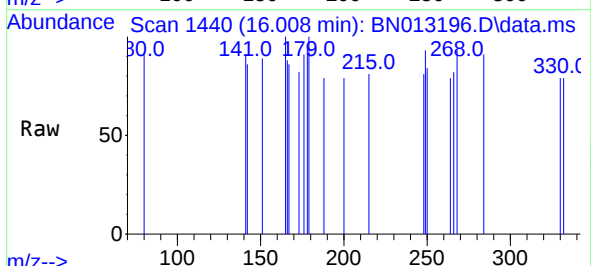
Instrument :
BNA_N
ClientSampled :

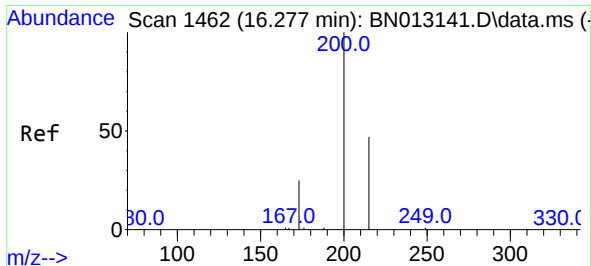
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 213.0 43.5 65.3#
105 126.1 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 113.0 57.8 86.8#

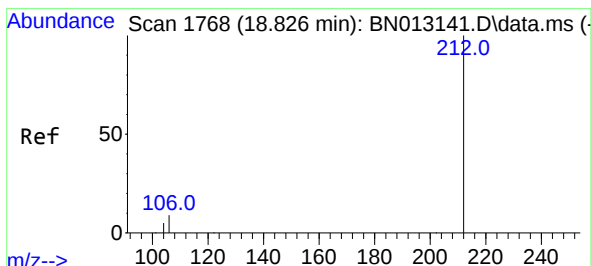
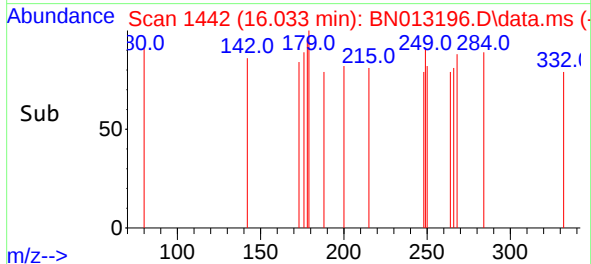
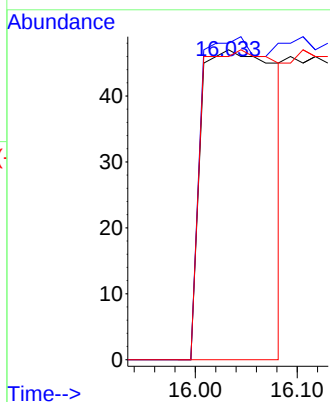
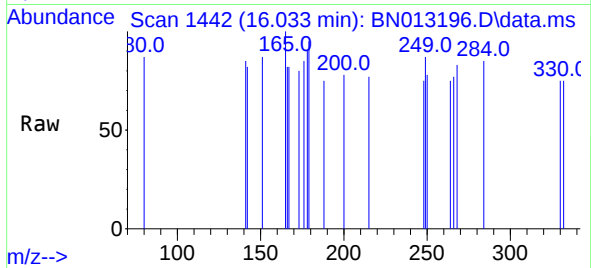




#23
Atrazine
Concen: 0.15 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.244 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

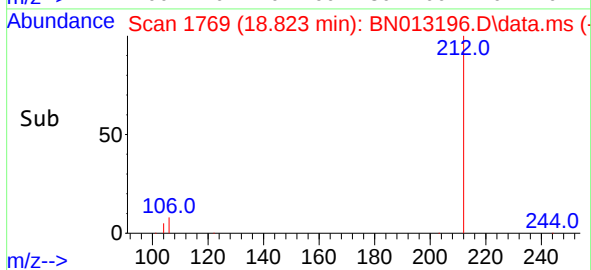
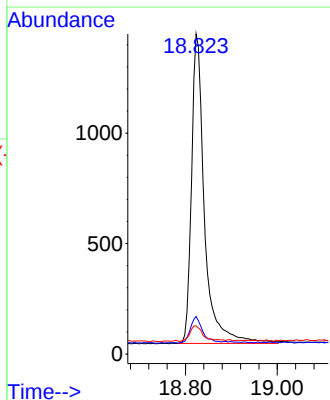
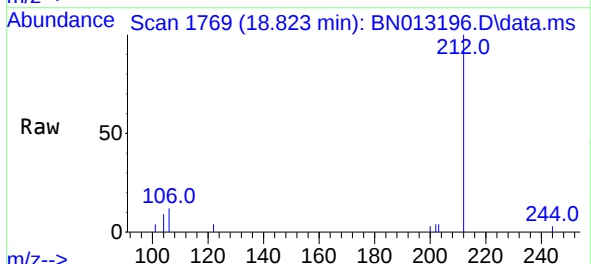
Instrument :
BNA_N
ClientSampleId :

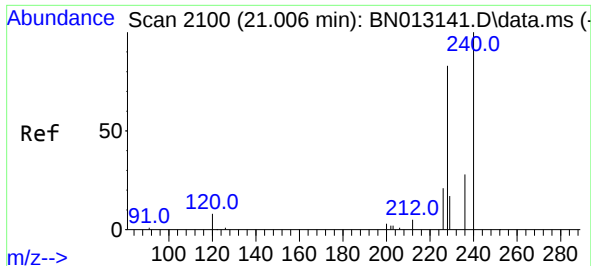
Tgt Ion:200 Resp: 236
Ion Ratio Lower Upper
200 100
173 102.1 22.8 34.2#
215 97.9 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.31 ng
RT: 18.823 min Scan# 1769
Delta R.T. -0.003 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion:212 Resp: 2751
Ion Ratio Lower Upper
212 100
106 7.8 6.8 10.2
104 5.4 4.1 6.1

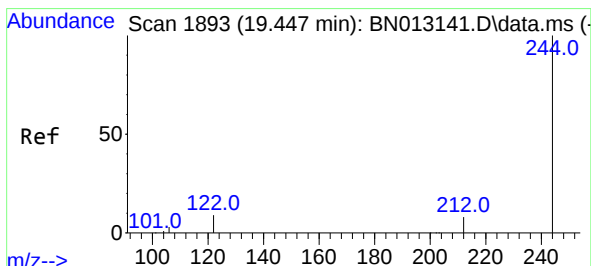
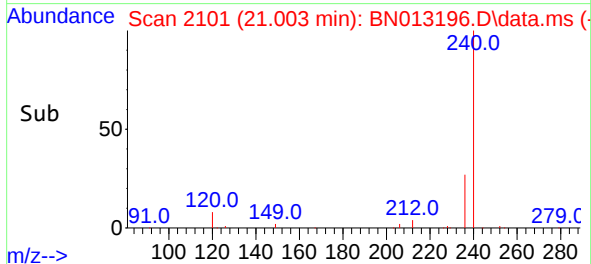
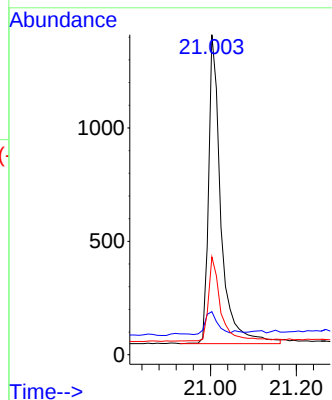
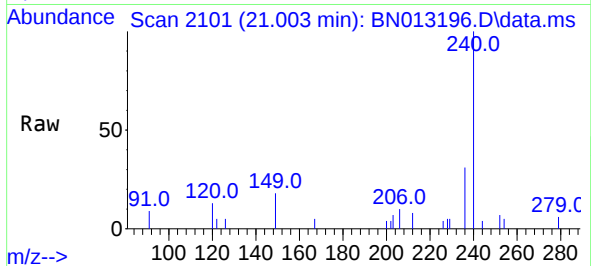




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

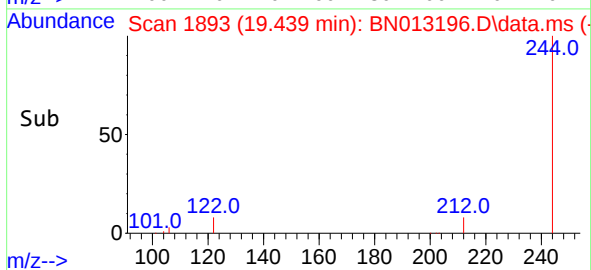
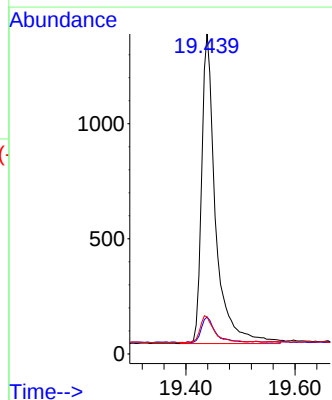
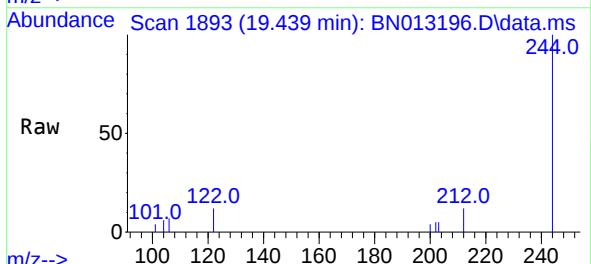
Instrument :
BNA_N
ClientSampled :

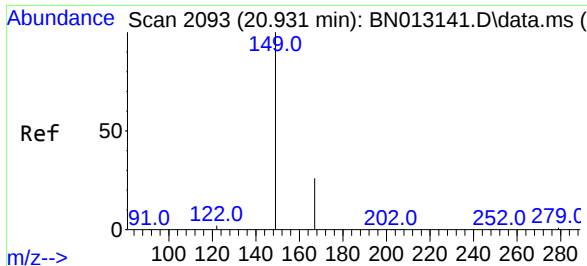
Tgt Ion:240 Resp: 2721
Ion Ratio Lower Upper
240 100
120 13.5 5.3 7.9#
236 30.5 21.8 32.8



#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion:244 Resp: 2394
Ion Ratio Lower Upper
244 100
212 11.5 7.3 10.9#
122 11.5 7.3 10.9#

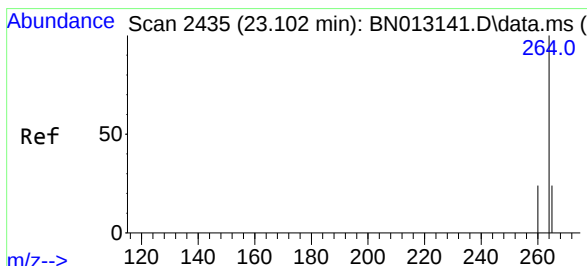
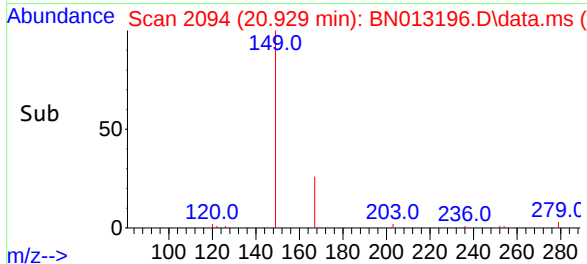
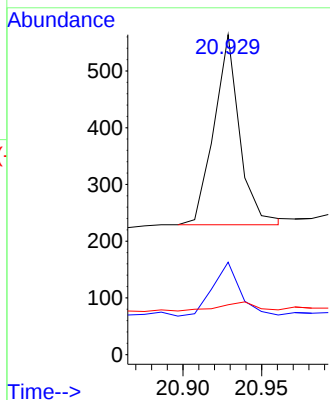
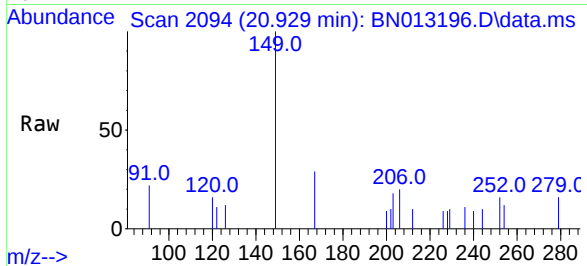




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BN013196.D
Acq: 17 Dec 2020 21:13

Instrument :
BNA_N
ClientSampled :

Tgt Ion:149 Resp: 380
Ion Ratio Lower Upper
149 100
167 30.5 23.2 34.8
279 6.6 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: BN013196.D
Acq: 17 Dec 2020 21:13

Tgt Ion:264 Resp: 3089
Ion Ratio Lower Upper
264 100
260 27.3 19.8 29.6
265 81.4 51.4 77.0#

