

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013189.D
 Acq On : 17 Dec 2020 17:01
 Operator : CG/JU
 Sample : L5053-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 17 17:36:46 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)

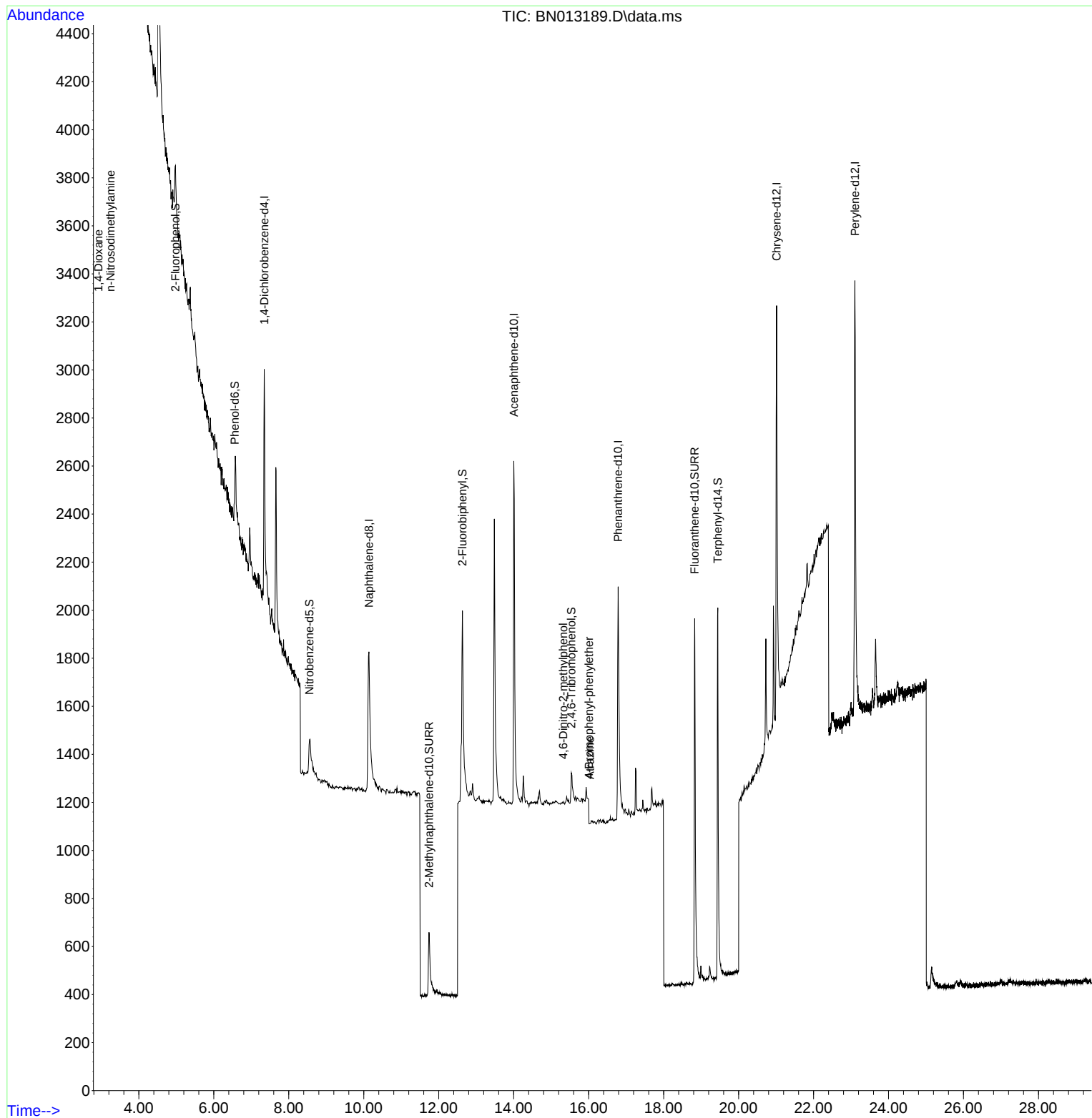
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	674	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1830	0.40	ng	# 0.03
13) Acenaphthene-d10	14.004	164	1209	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2552	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	2667	0.40	ng	# 0.00
36) Perylene-d12	23.103	264	3069	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	235	0.09	ng	0.00
5) Phenol-d6	6.557	99	112	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	430	0.23	ng	0.04
11) 2-Methylnaphthalene-d10	11.742	152	780	0.24	ng	0.01
14) 2,4,6-Tribromophenol	15.539	330	171	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1262	0.25	ng	0.00
27) Fluoranthene-d10	18.828	212	2843	0.34	ng	0.00
31) Terphenyl-d14	19.444	244	2456	0.36	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.925	88	2773	2.36	ng	96
3) n-Nitrosodimethylamine	3.247	42	63	0.03	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.323	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	34	0.07	ng	# 77
23) Atrazine	16.033	200	167	0.11	ng	# 3
34) Bis(2-ethylhexyl)phtha...	20.929	149	442	Below	Cal	# 97

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

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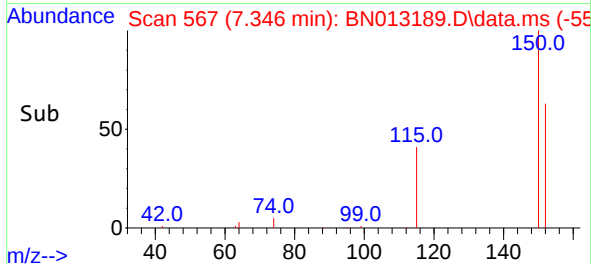
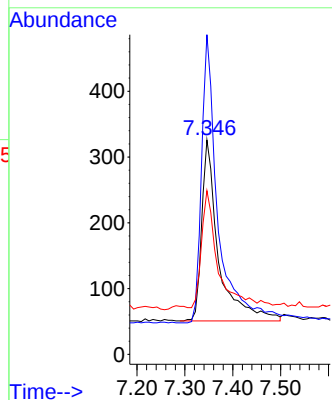
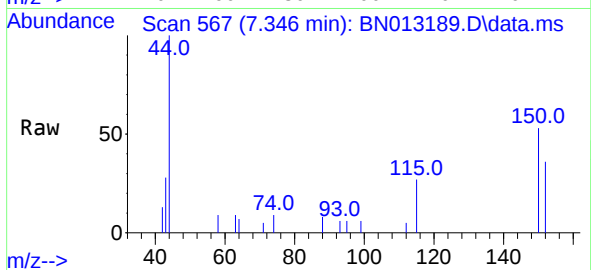




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

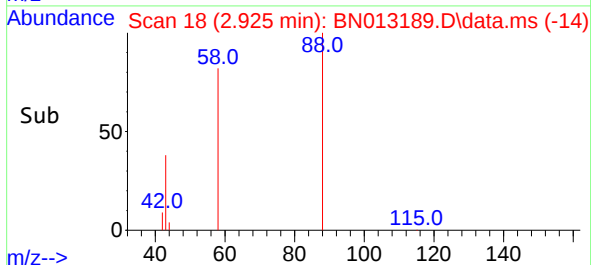
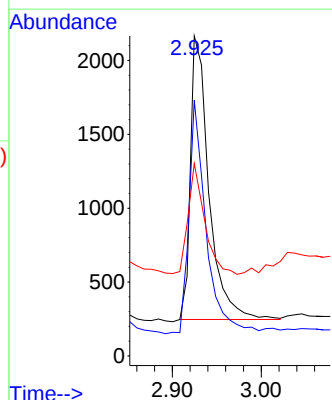
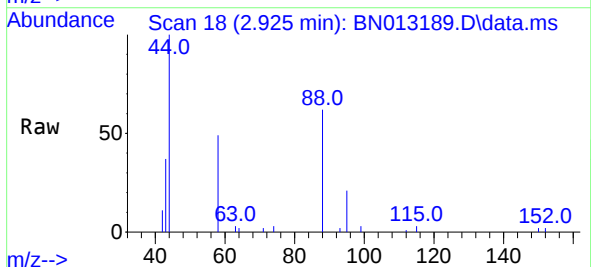
Instrument :
BNA_N
ClientSampled :

Tgt Ion:152 Resp: 674
Ion Ratio Lower Upper
152 100
150 149.1 116.6 174.8
115 76.4 52.9 79.3



#2
1,4-Dioxane
Concen: 2.36 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion: 88 Resp: 2773
Ion Ratio Lower Upper
88 100
58 74.8 59.4 89.2
43 34.3 32.3 48.5

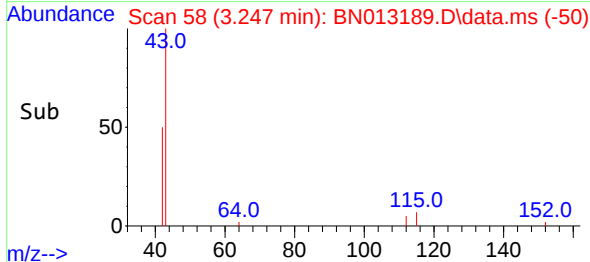
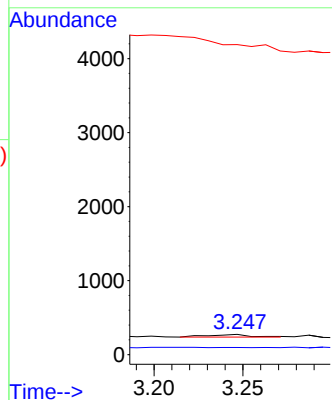
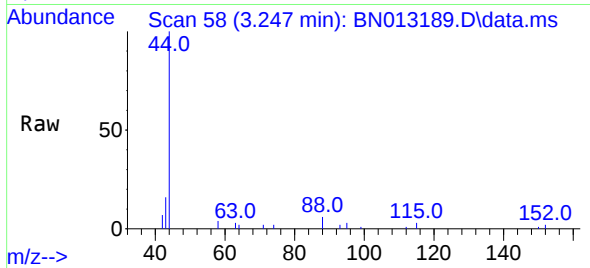




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.032 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

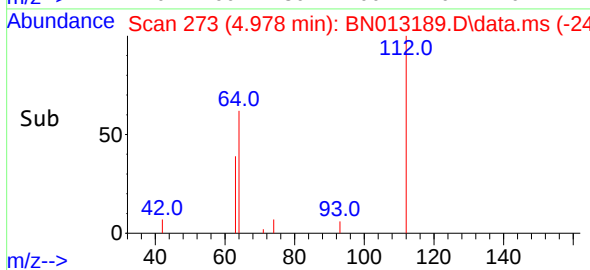
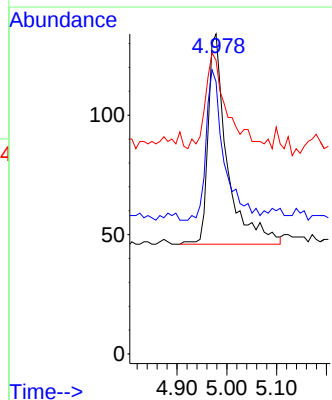
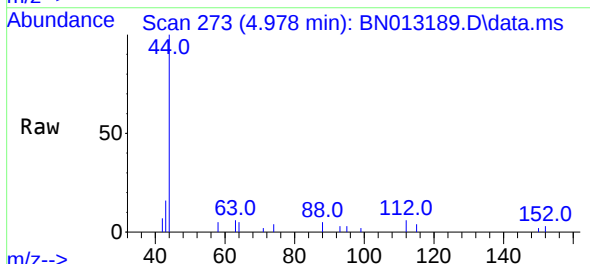
Instrument :
BNA_N
ClientSampled :

Tgt Ion: 42 Resp: 63
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion: 112 Resp: 235
Ion Ratio Lower Upper
112 100
64 67.7 49.5 74.3
63 56.2 32.0 48.0#

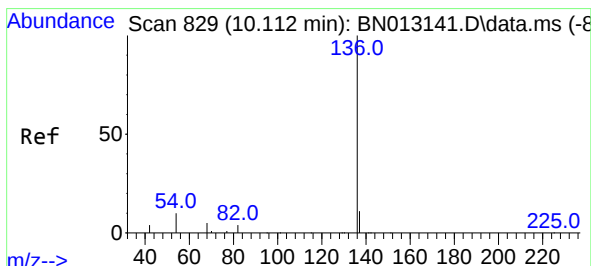
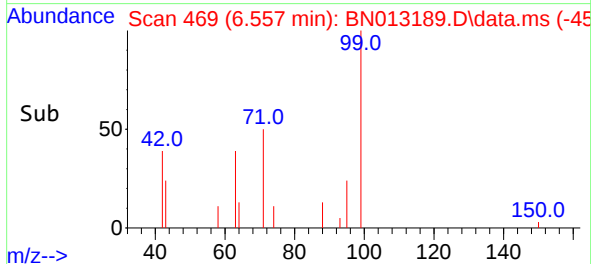
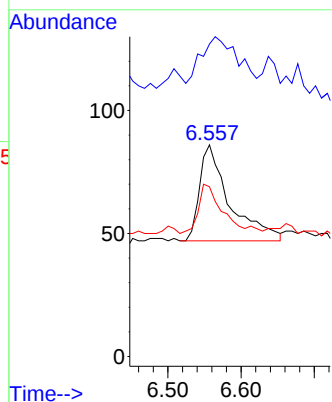
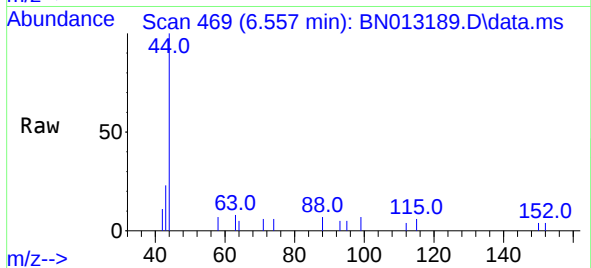




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

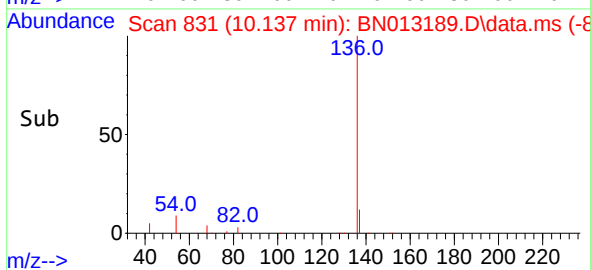
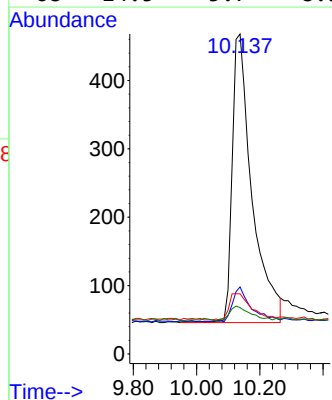
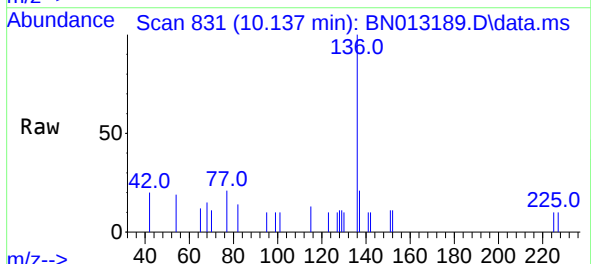
Instrument :
BNA_N
ClientSampled :

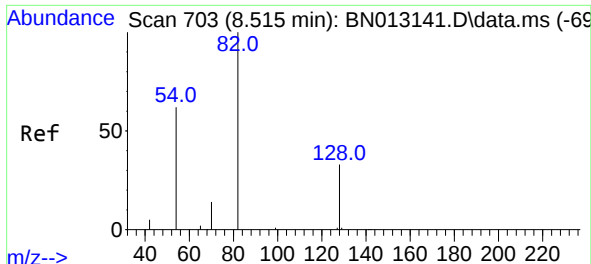
Tgt Ion: 99 Resp: 112
Ion Ratio Lower Upper
99 100
42 64.3 22.4 33.6#
71 44.6 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion:136 Resp: 1830
Ion Ratio Lower Upper
136 100
137 20.9 10.6 15.8#
54 18.8 8.6 12.8#
68 14.5 5.7 8.5#

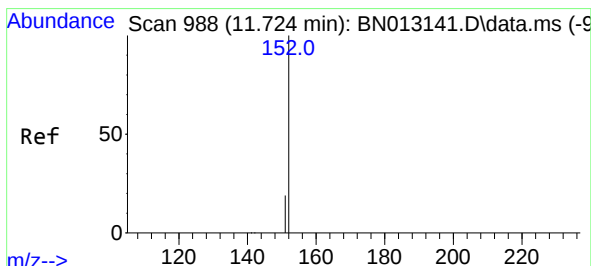
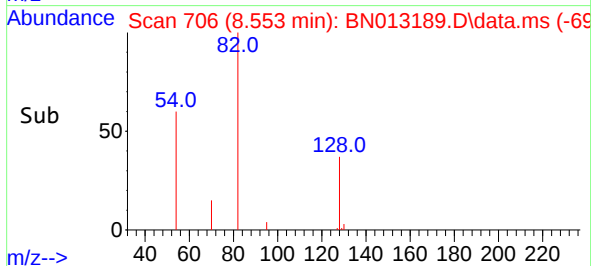
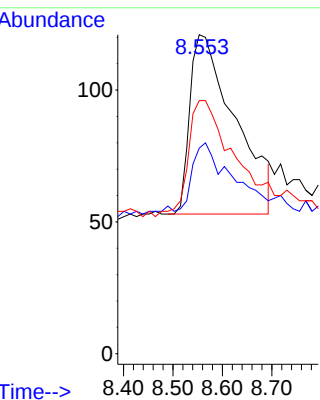
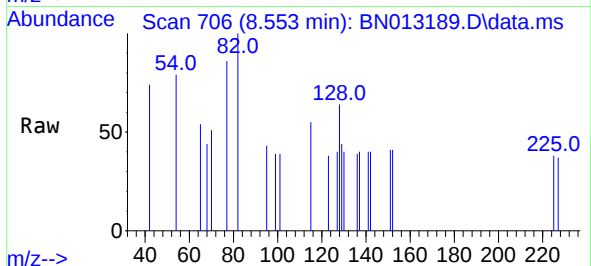




#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

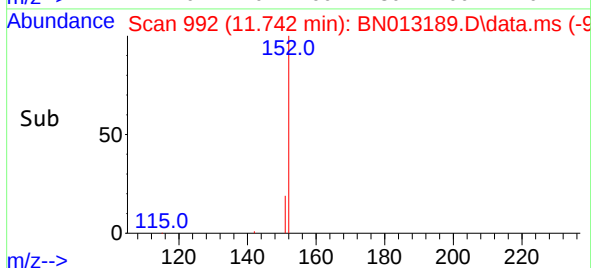
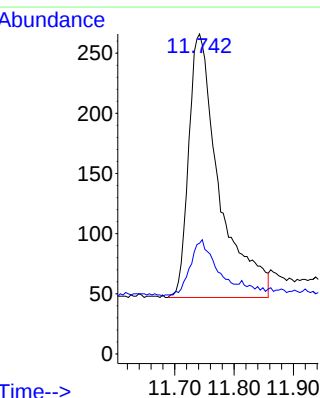
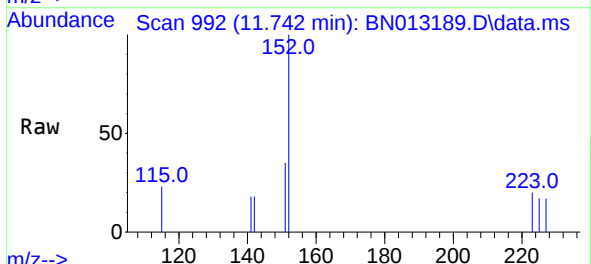
Instrument :
BNA_N
ClientSampled :

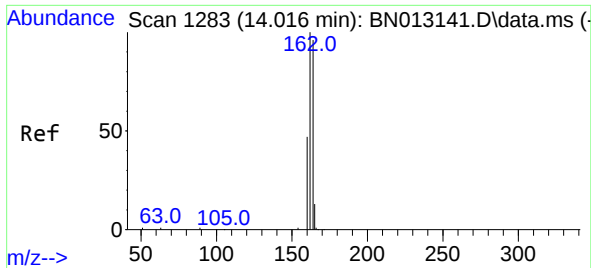
Tgt Ion: 82 Resp: 430
Ion Ratio Lower Upper
82 100
128 64.5 30.6 46.0#
54 79.3 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.013 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion: 152 Resp: 780
Ion Ratio Lower Upper
152 100
151 18.3 16.7 25.1

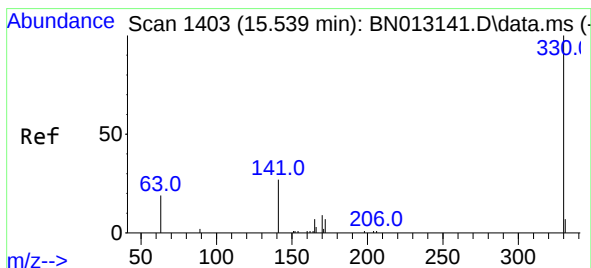
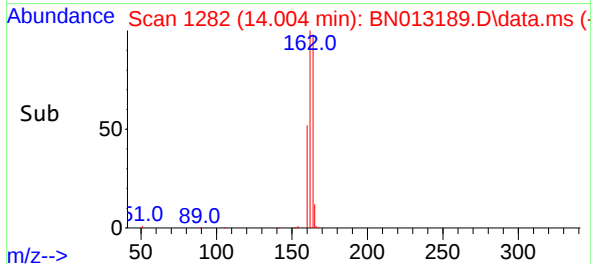
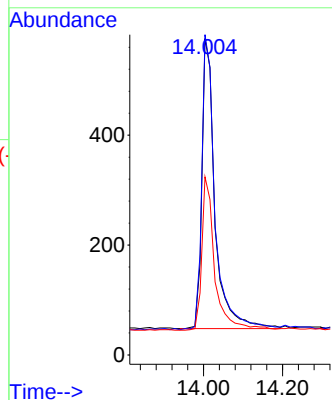
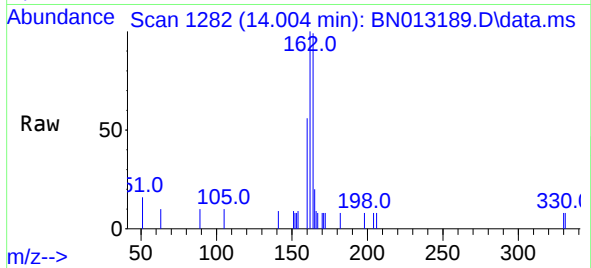




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

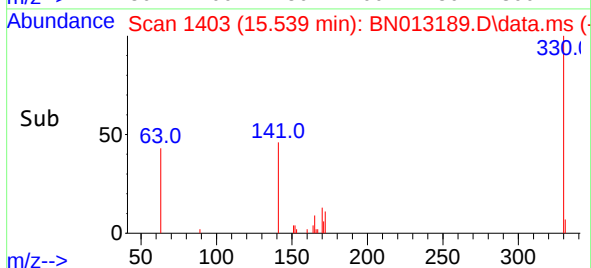
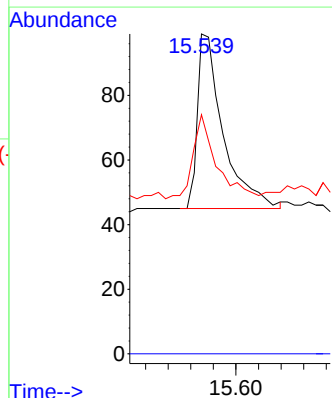
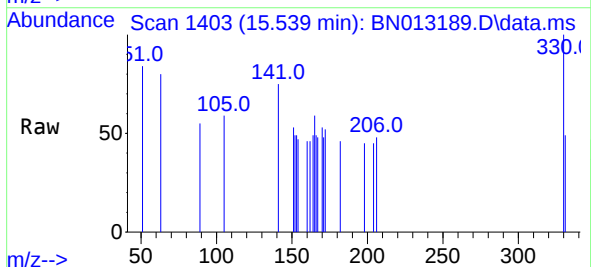
Instrument :
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ClientSampleId :

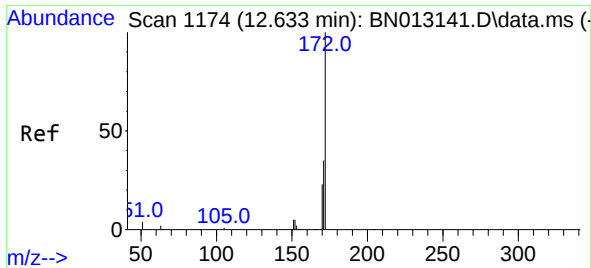
Tgt Ion:164 Resp: 1209
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 56.3 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion:330 Resp: 171
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.9 34.4 51.6

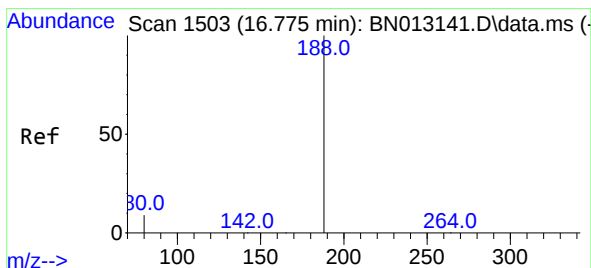
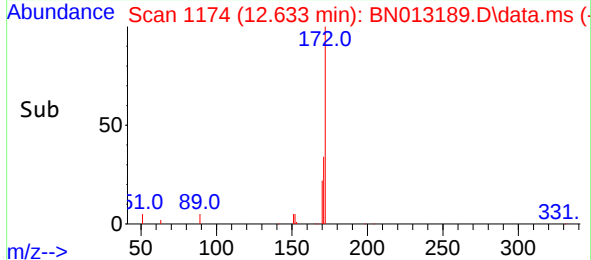
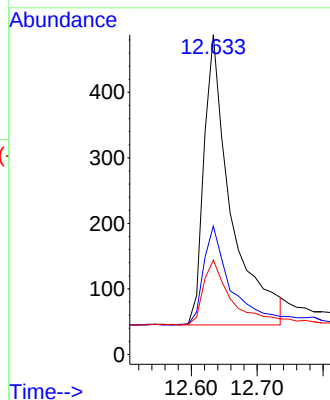
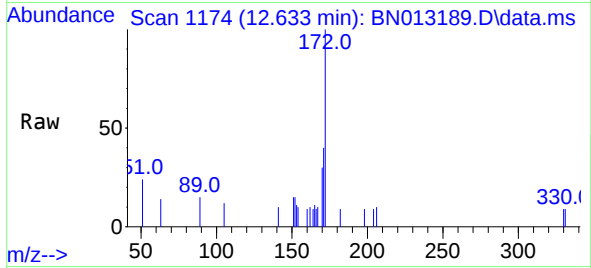




#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

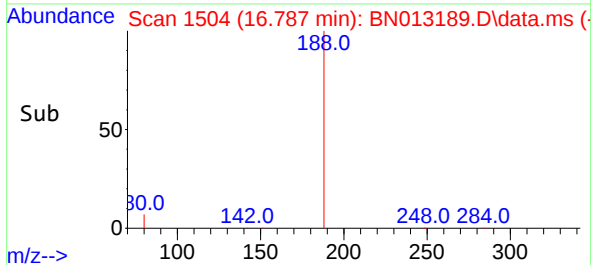
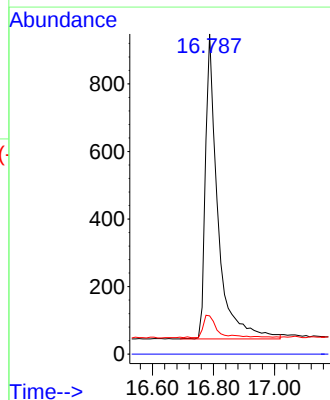
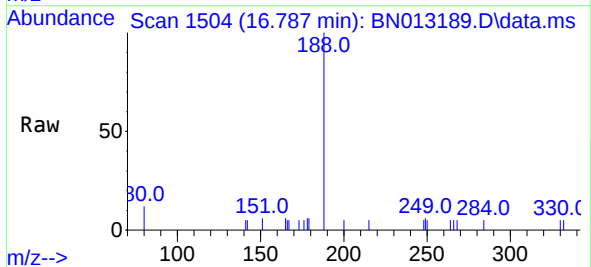
Instrument :
BNA_N
ClientSampleId :

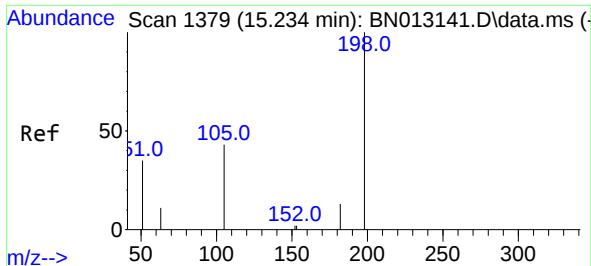
Tgt Ion:	172	Resp:	1262
Ion	Ratio	Lower	Upper
172	100		
171	40.2	28.2	42.4
170	29.5	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion:	188	Resp:	2552
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	5.0	7.4#

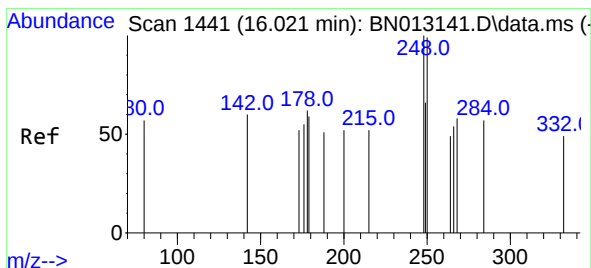
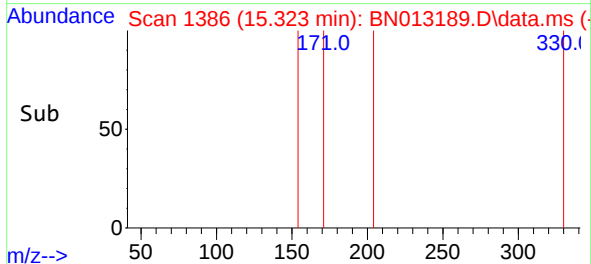
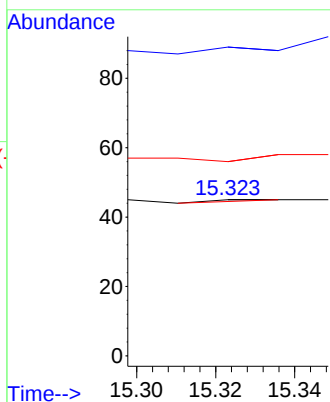
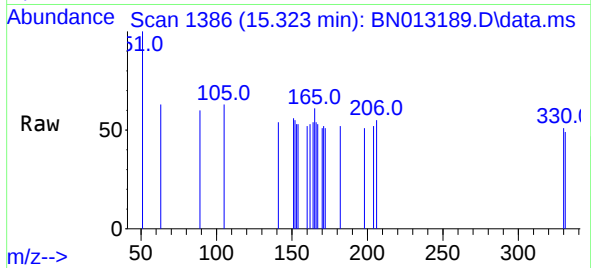




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.323 min Scan# 1386
Delta R.T. 0.076 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

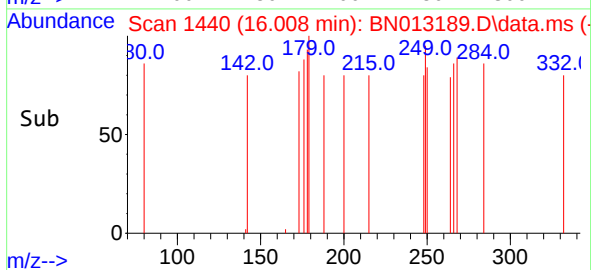
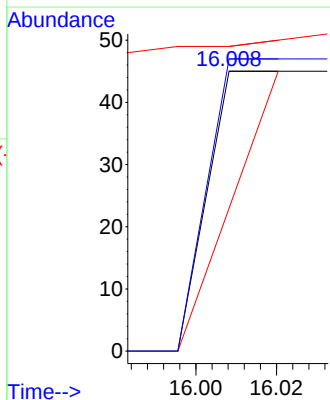
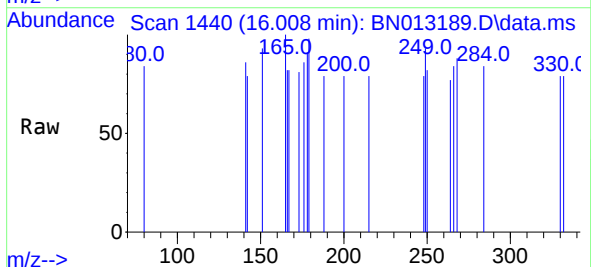
Instrument :
BNA_N
ClientSampled :

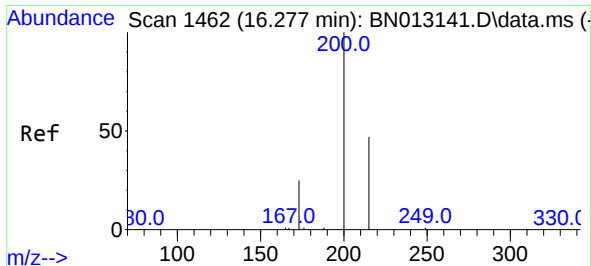
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 197.8 43.5 65.3#
105 124.4 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.07 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

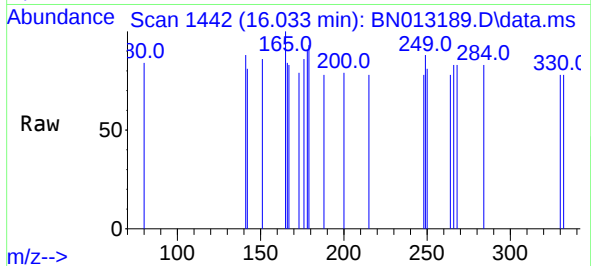
Tgt Ion:248 Resp: 34
Ion Ratio Lower Upper
248 100
250 104.4 77.3 115.9
141 108.9 57.8 86.8#



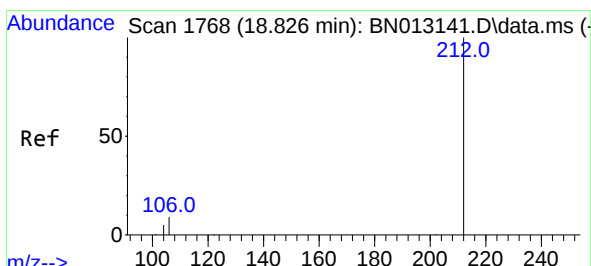
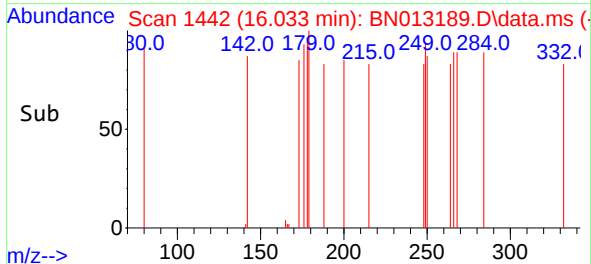


#23
Atrazine
Concen: 0.11 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.244 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Instrument :
BNA_N
ClientSampleId :

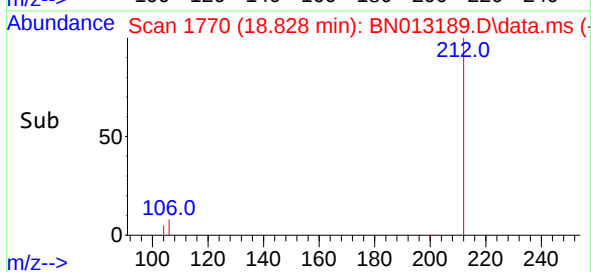
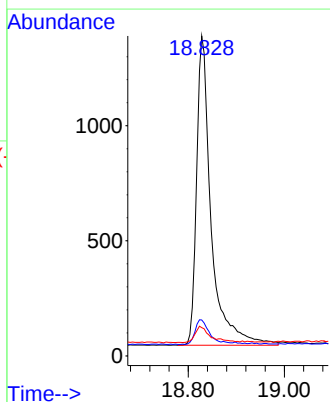
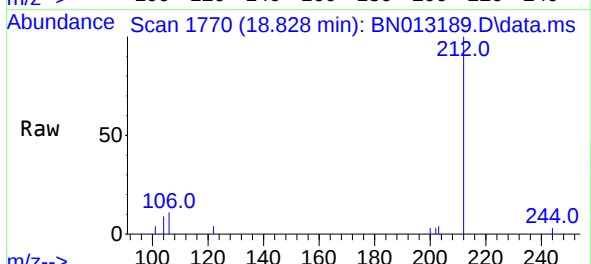


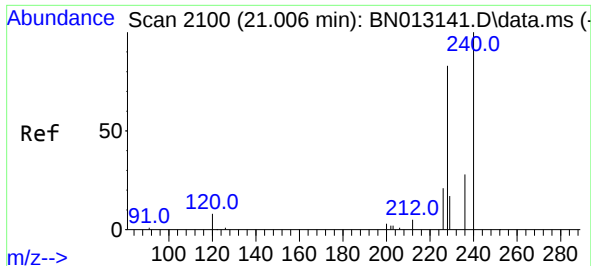
Tgt Ion:200 Resp: 167
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 97.8 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion:212 Resp: 2843
Ion Ratio Lower Upper
212 100
106 7.9 6.8 10.2
104 5.6 4.1 6.1

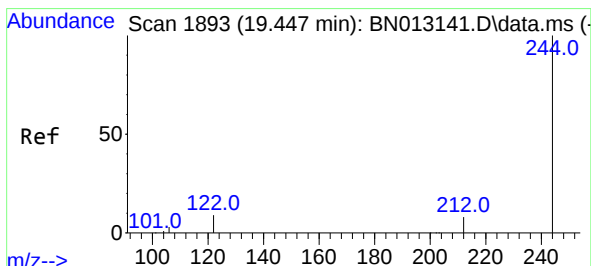
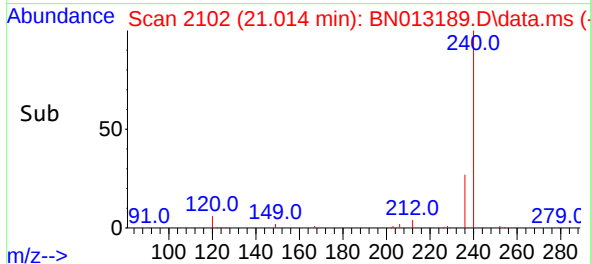
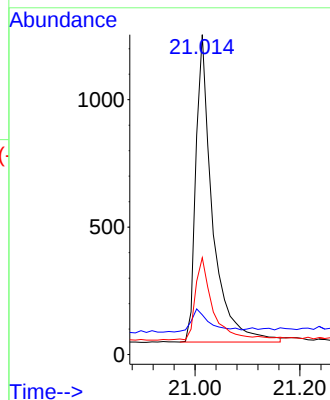
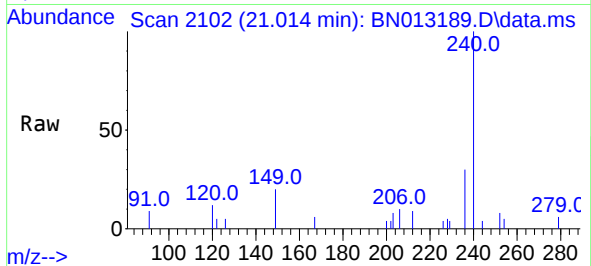




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

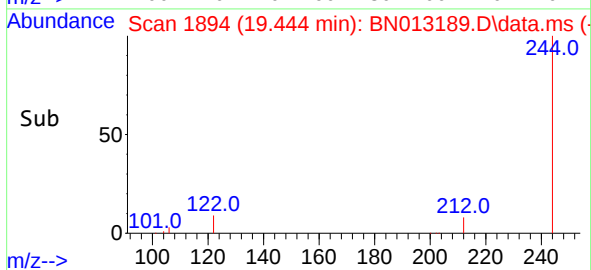
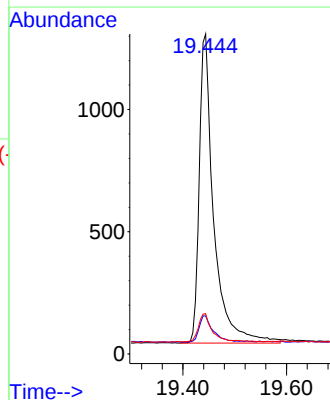
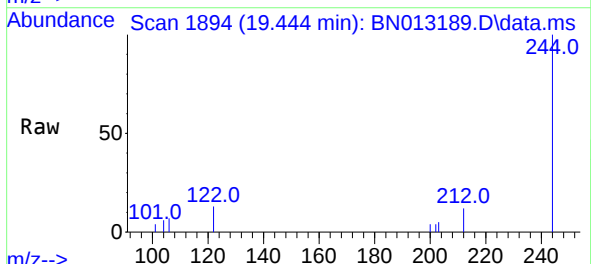
Instrument :
BNA_N
ClientSampleId :

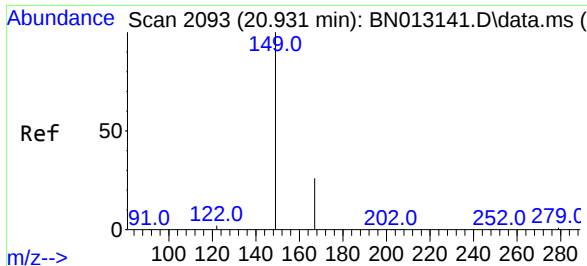
Tgt Ion:240 Resp: 2667
Ion Ratio Lower Upper
240 100
120 12.4 5.3 7.9#
236 30.3 21.8 32.8



#31
Terphenyl-d14
Concen: 0.36 ng
RT: 19.444 min Scan# 1894
Delta R.T. -0.008 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion:244 Resp: 2456
Ion Ratio Lower Upper
244 100
212 11.9 7.3 10.9#
122 12.6 7.3 10.9#

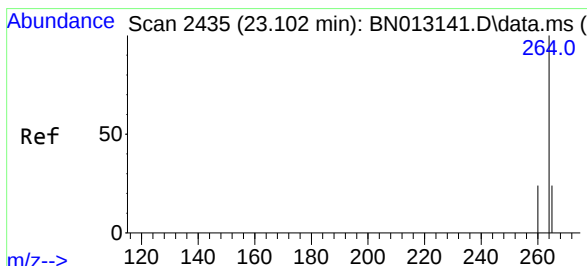
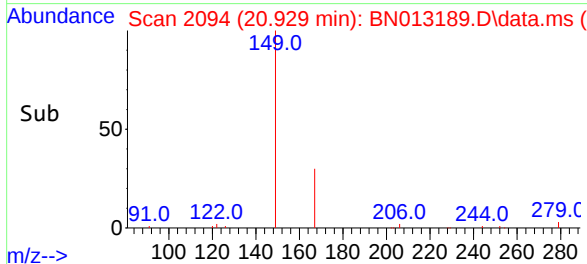
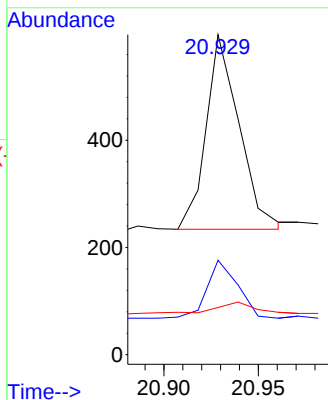
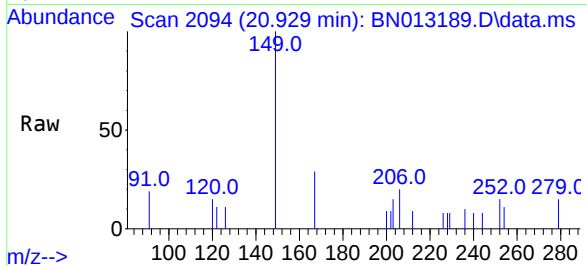




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 442
Ion Ratio Lower Upper
149 100
167 27.1 23.2 34.8
279 5.9 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.103 min Scan# 2437
Delta R.T. 0.004 min
Lab File: BN013189.D
Acq: 17 Dec 2020 17:01

Tgt Ion:264 Resp: 3069
Ion Ratio Lower Upper
264 100
260 27.0 19.8 29.6
265 86.4 51.4 77.0#

