

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013185.D
 Acq On : 17 Dec 2020 14:37
 Operator : CG/JU
 Sample : L5053-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20201209

Quant Time: Dec 17 15:07:08 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)

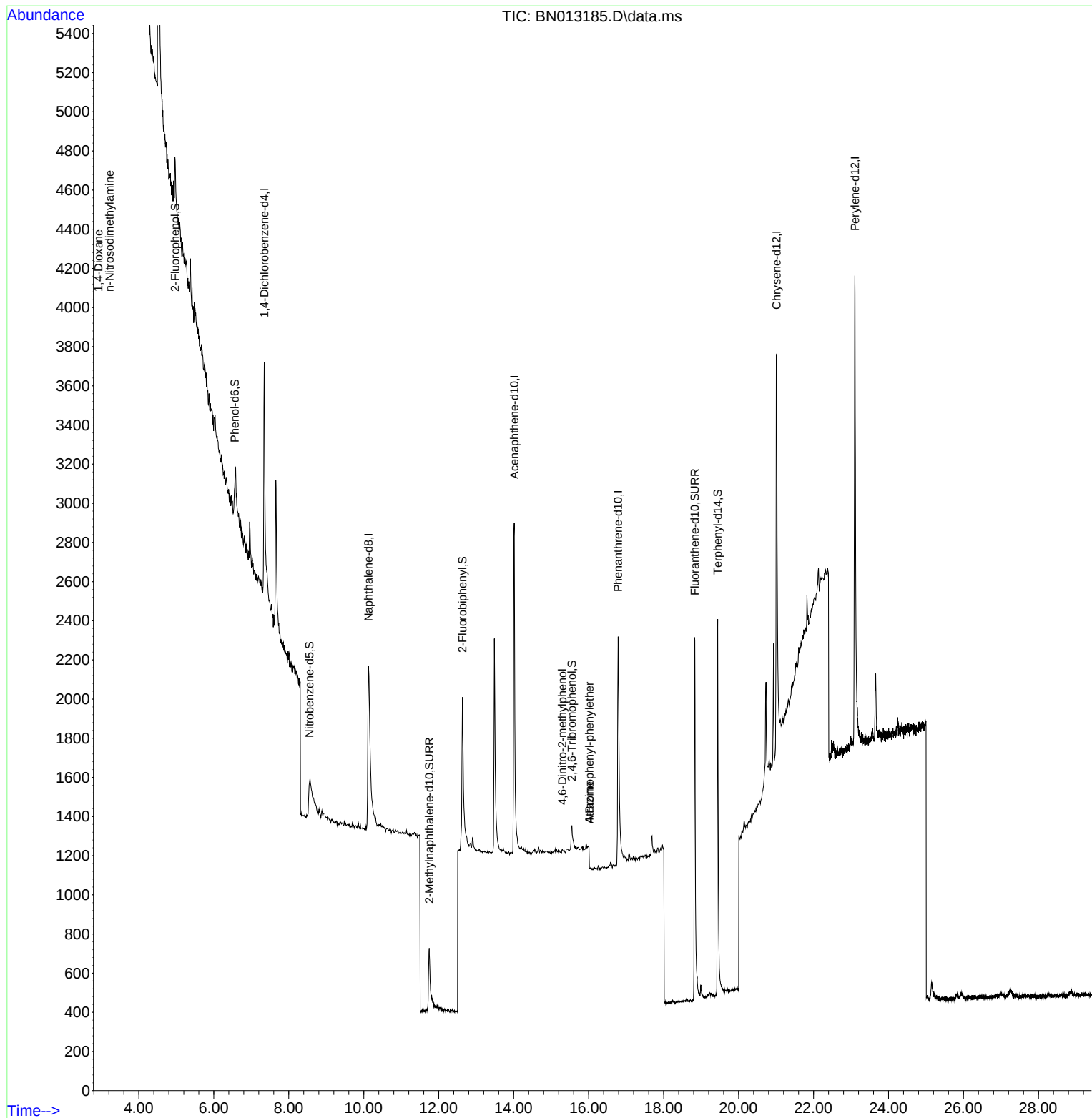
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	903	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2690	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1504	0.40	ng	0.01
19) Phenanthrene-d10	16.788	188	3228	0.40	ng	# 0.01
29) Chrysene-d12	21.016	240	3466	0.40	ng	# 0.01
36) Perylene-d12	23.102	264	3981	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	300	0.08	ng	0.00
5) Phenol-d6	6.557	99	146	0.04	ng	0.00
8) Nitrobenzene-d5	8.553	82	583	0.21	ng	0.04
11) 2-Methylnaphthalene-d10	11.746	152	910	0.19	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	200	0.21	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1302	0.21	ng	0.00
27) Fluoranthene-d10	18.831	212	3416	0.32	ng	0.00
31) Terphenyl-d14	19.441	244	2892	0.33	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.925	88	3863	2.45	ng	# 89
3) n-Nitrosodimethylamine	3.223	42	89	0.03	ng	# 26
20) 4,6-Dinitro-2-methylph...	15.298	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.021	248	101	0.16	ng	# 76
23) Atrazine	16.021	200	135	0.07	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.931	149	482	Below	Cal	100

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

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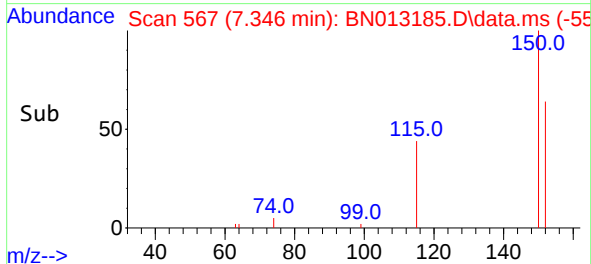
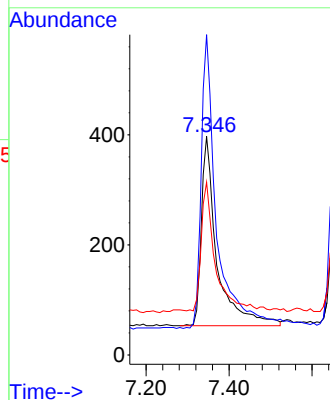
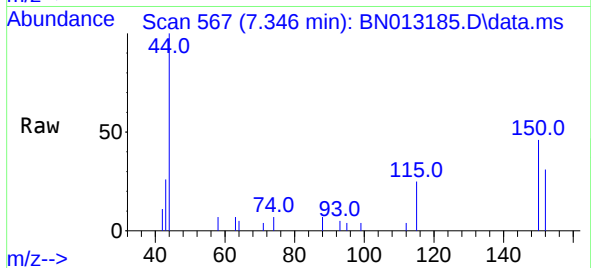




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

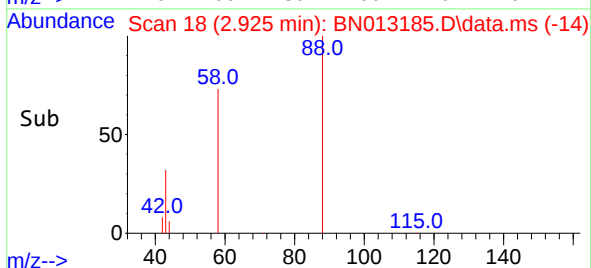
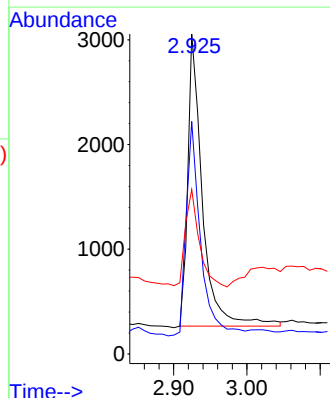
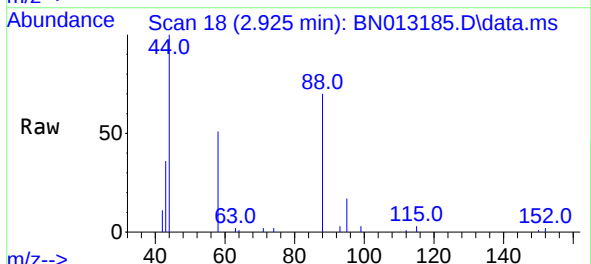
Instrument :
BNA_N
ClientSampleId :
RE122D1-20201209

Tgt Ion:152 Resp: 903
Ion Ratio Lower Upper
152 100
150 146.6 116.6 174.8
115 79.1 52.9 79.3



#2
1,4-Dioxane
Concen: 2.45 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion: 88 Resp: 3863
Ion Ratio Lower Upper
88 100
58 67.1 59.4 89.2
43 30.9 32.3 48.5

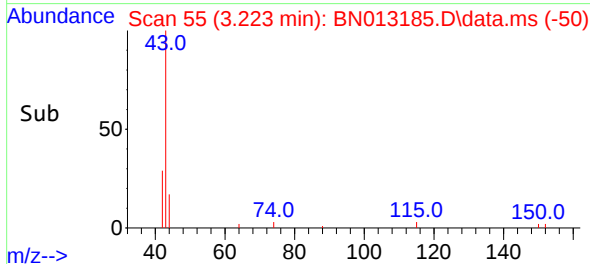
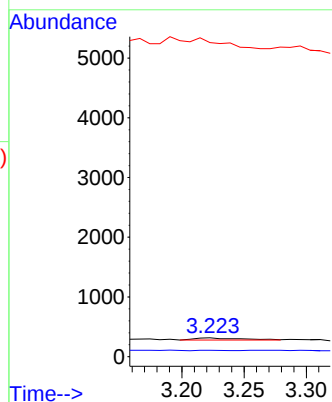
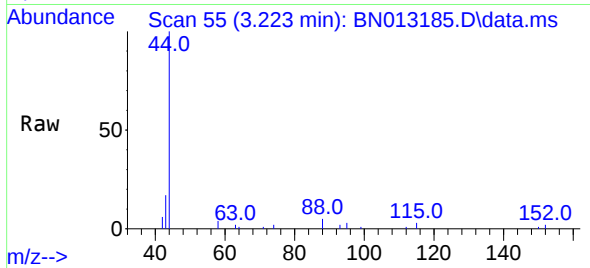




#3
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 3.223 min Scan# 55
Delta R.T. -0.056 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

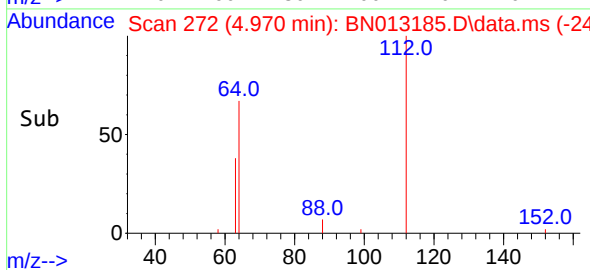
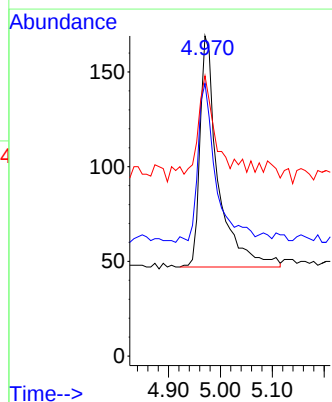
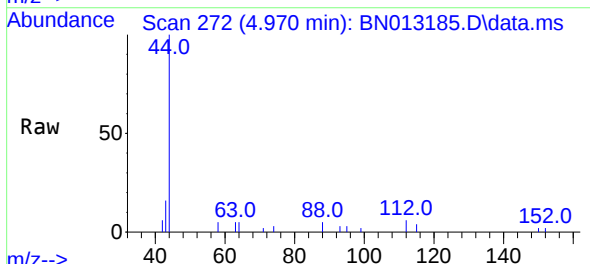
Instrument :
BNA_N
ClientSampleId :
RE122D1-20201209

Tgt Ion: 42 Resp: 89
Ion Ratio Lower Upper
42 100
74 12.4 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion: 112 Resp: 300
Ion Ratio Lower Upper
112 100
64 68.3 49.5 74.3
63 35.0 32.0 48.0

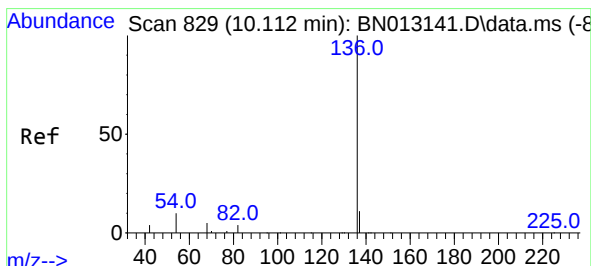
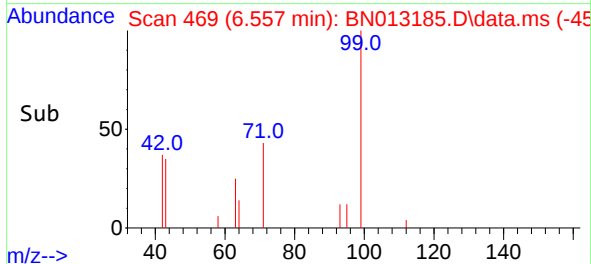
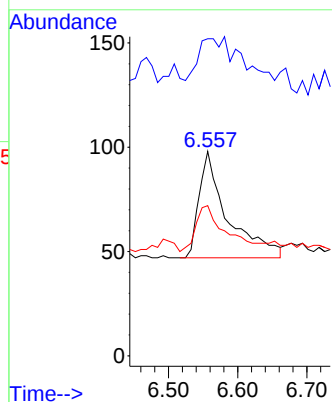
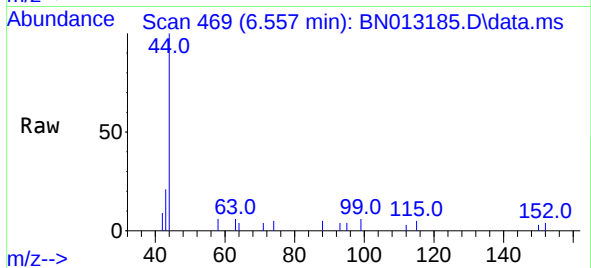




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

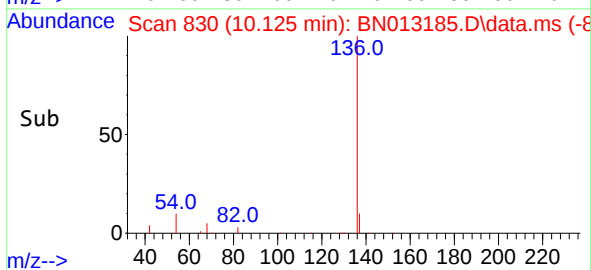
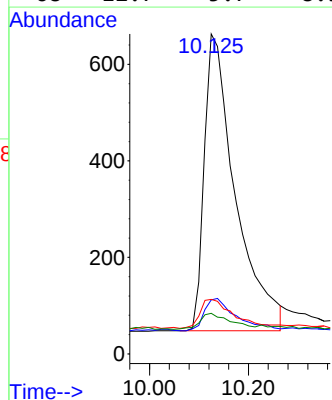
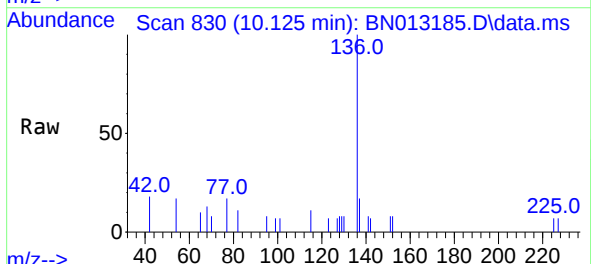
Instrument :
BNA_N
ClientSampleId :
RE122D1-20201209

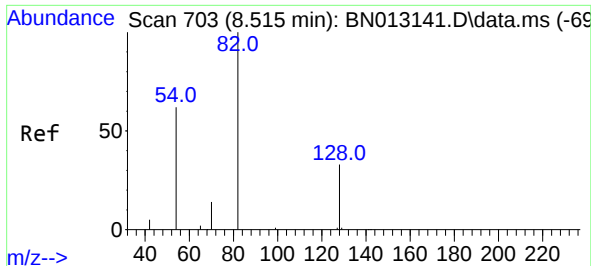
Tgt Ion: 99 Resp: 146
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 44.5 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

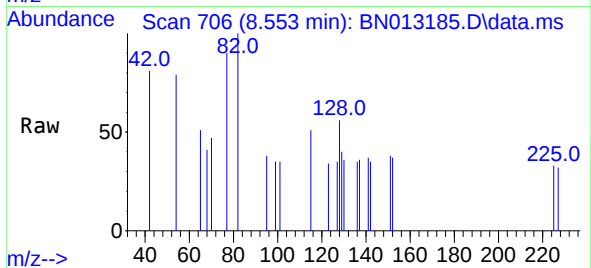
Tgt Ion: 136 Resp: 2690
Ion Ratio Lower Upper
136 100
137 16.9 10.6 15.8#
54 17.0 8.6 12.8#
68 12.7 5.7 8.5#



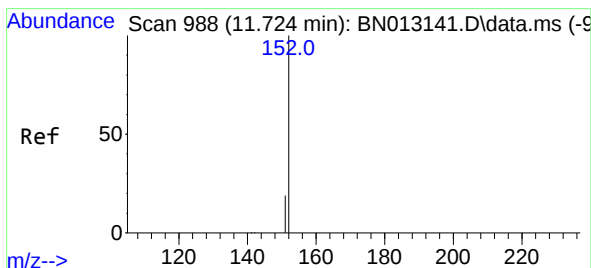
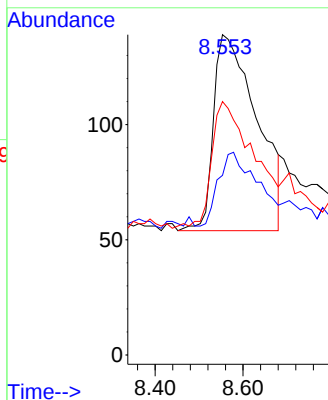
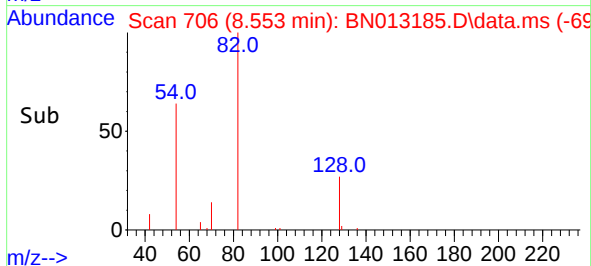


#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.038 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

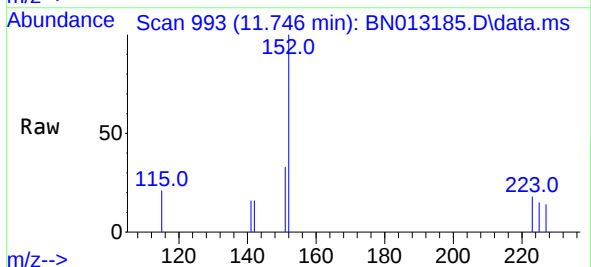
Instrument :
BNA_N
ClientSampleId :
RE122D1-20201209



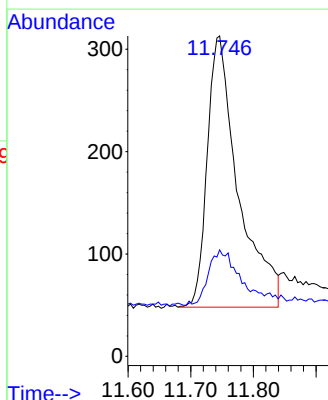
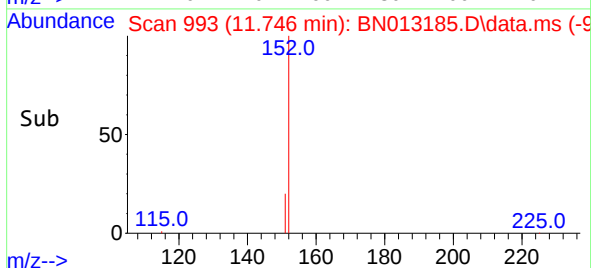
Tgt Ion: 82 Resp: 583
Ion Ratio Lower Upper
82 100
128 56.1 30.6 46.0#
54 79.1 48.3 72.5#

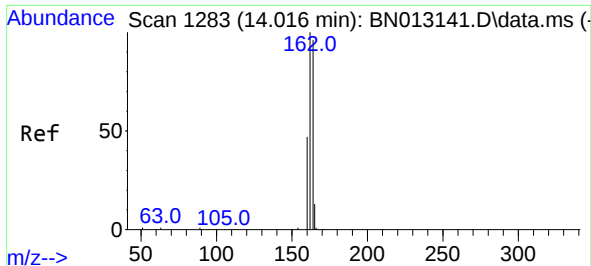


#11
2-Methylnaphthalene-d10
Concen: 0.19 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.018 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37



Tgt Ion: 152 Resp: 910
Ion Ratio Lower Upper
152 100
151 19.5 16.7 25.1

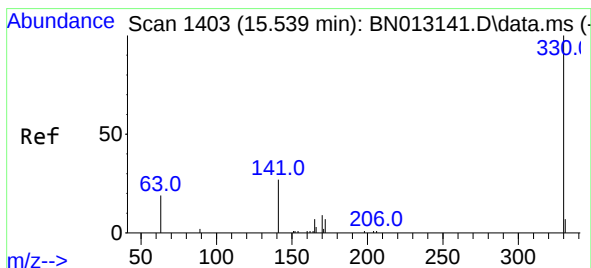
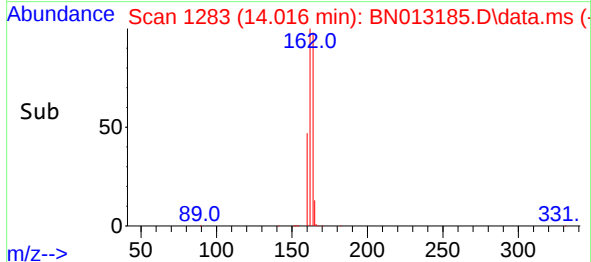
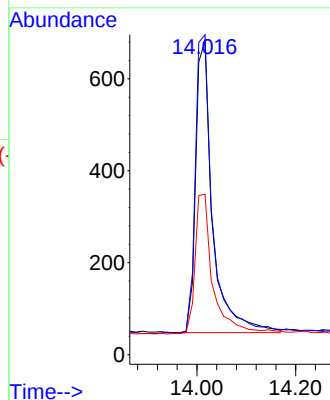
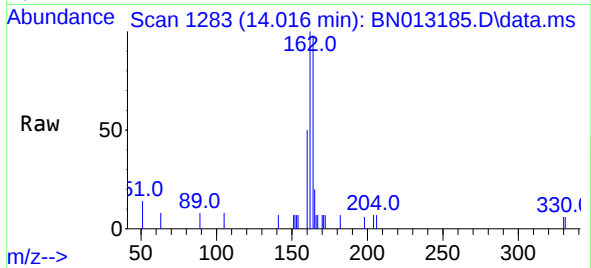




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

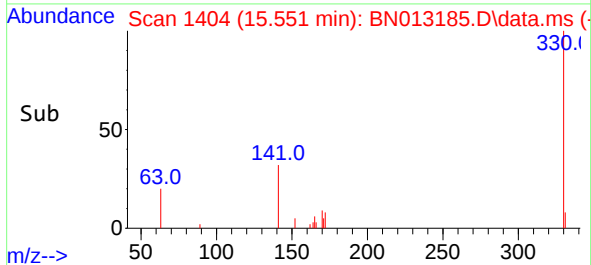
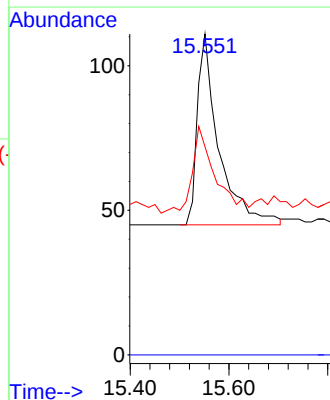
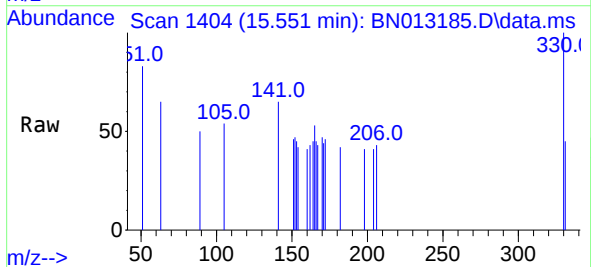
Instrument :
BNA_N
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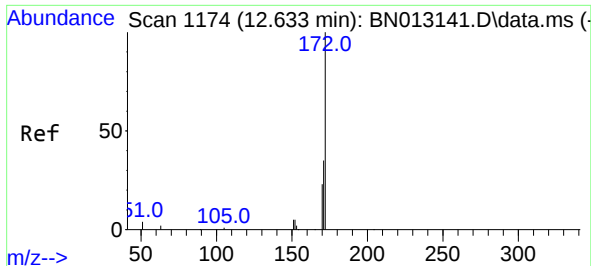
Tgt Ion:164 Resp: 1504
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 51.0 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:330 Resp: 200
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.0 34.4 51.6

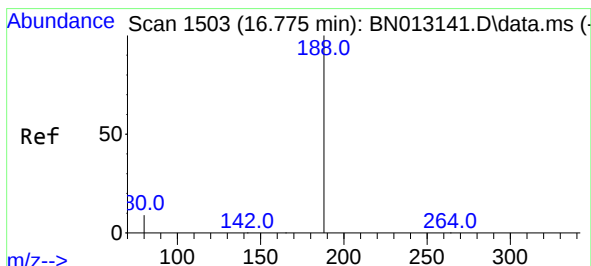
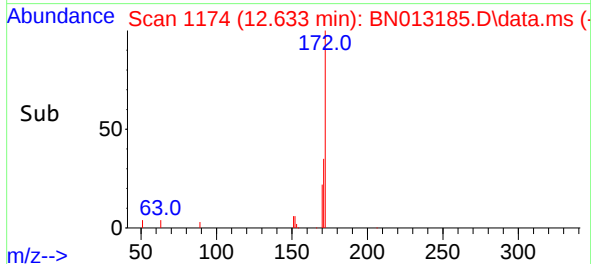
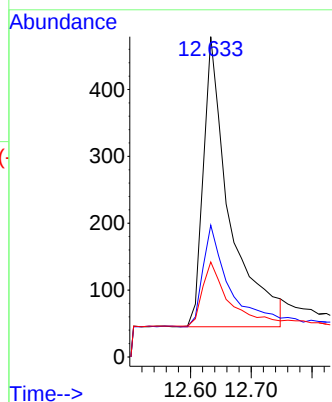
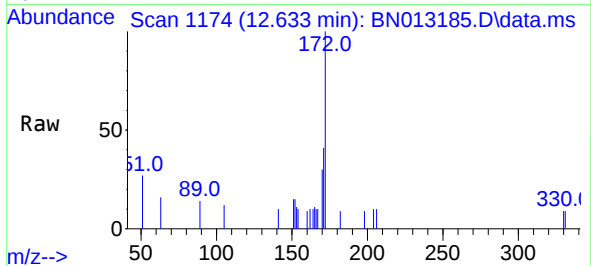




#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

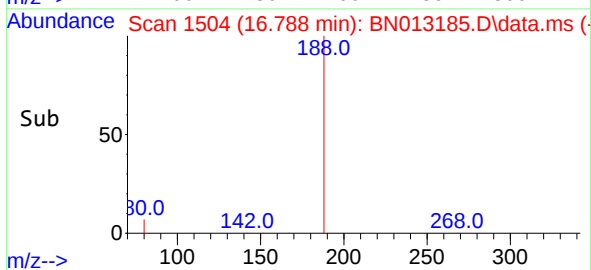
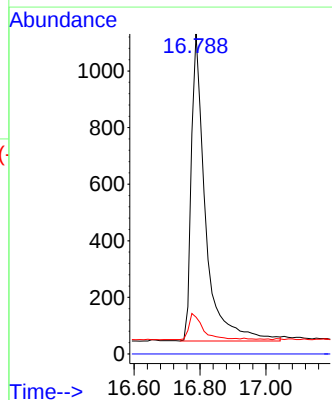
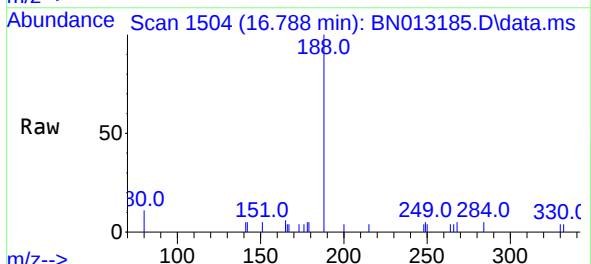
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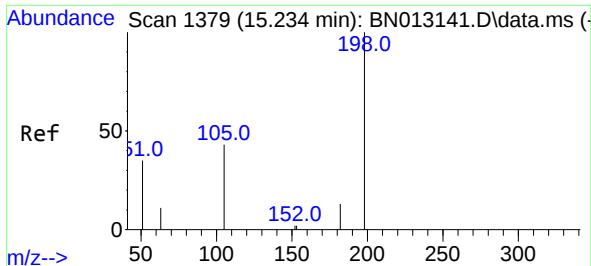
Tgt Ion:	172	Resp:	1302
Ion	Ratio	Lower	Upper
172	100		
171	41.1	28.2	42.4
170	29.6	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.788 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:	188	Resp:	3228
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	5.0	7.4#

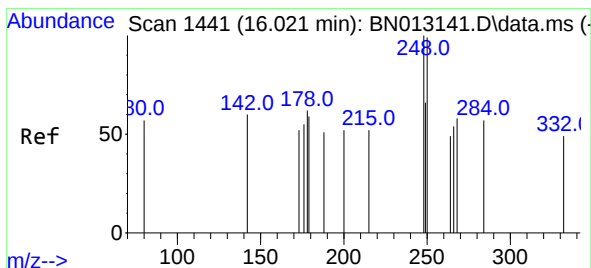
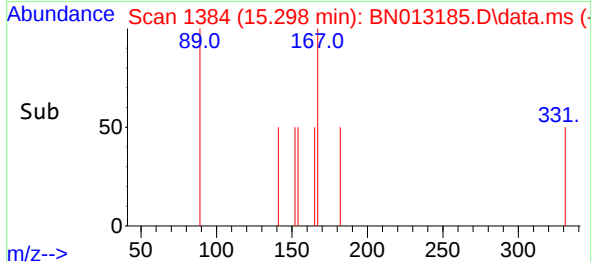
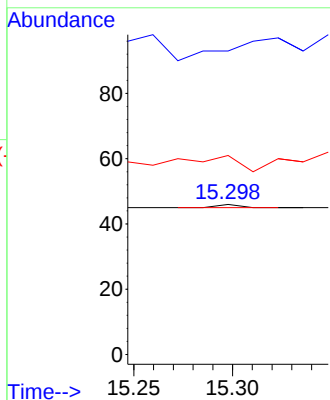
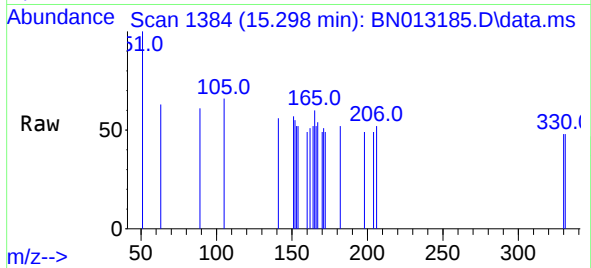




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.298 min Scan# 1384
Delta R.T. 0.051 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

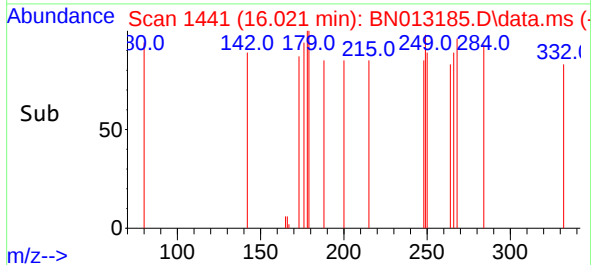
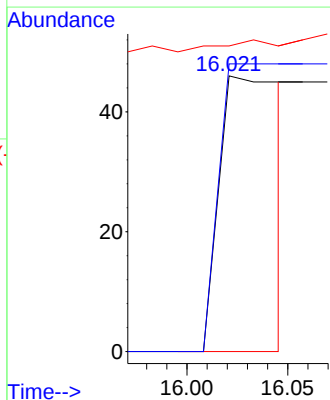
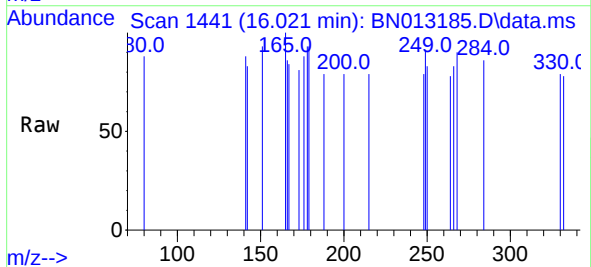
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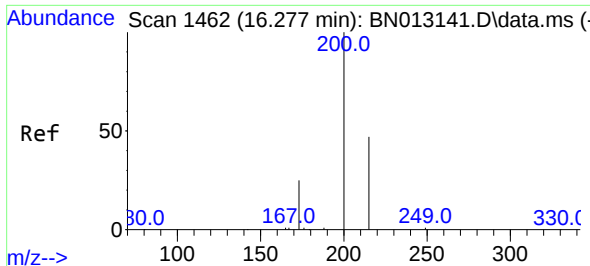
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 202.2 43.5 65.3#
105 132.6 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

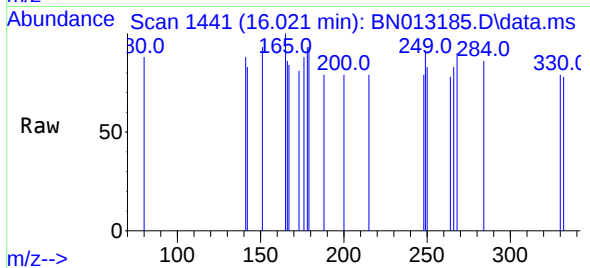
Tgt Ion:248 Resp: 101
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 110.9 57.8 86.8#



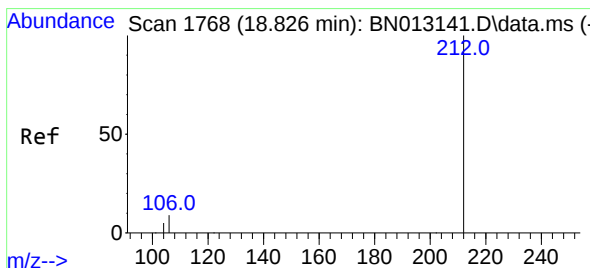
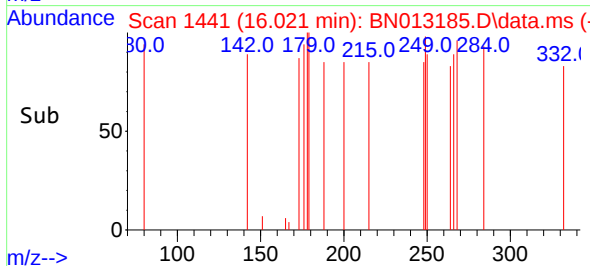
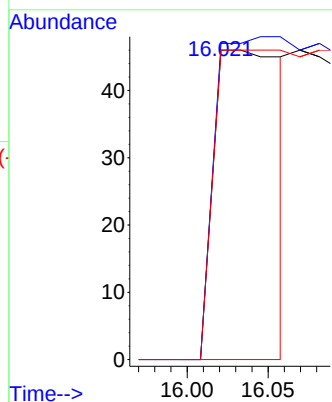


#23
Atrazine
Concen: 0.07 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.255 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Instrument :
BNA_N
ClientSampleId :
RE122D1-20201209

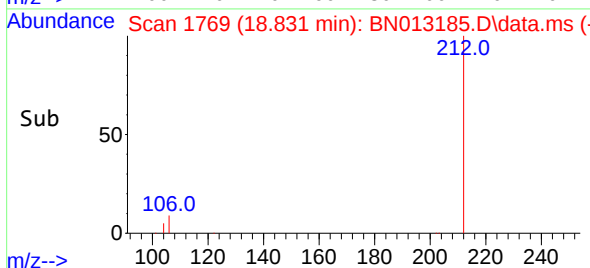
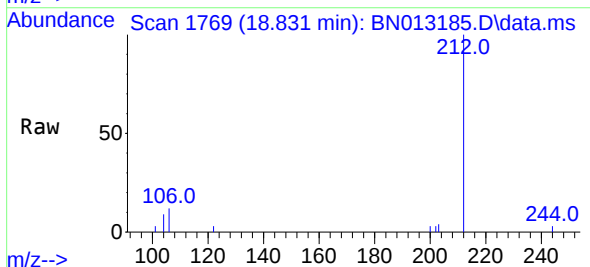
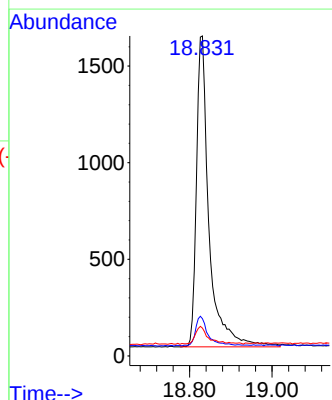


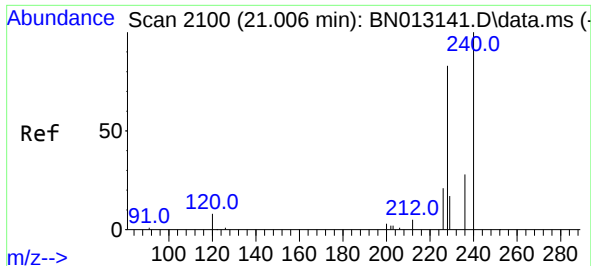
Tgt Ion:200 Resp: 135
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 18.831 min Scan# 1769
Delta R.T. 0.005 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:212 Resp: 3416
Ion Ratio Lower Upper
212 100
106 9.3 6.8 10.2
104 5.9 4.1 6.1

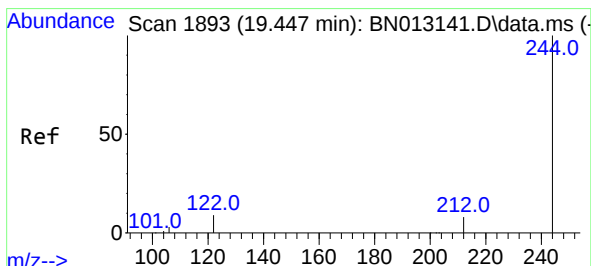
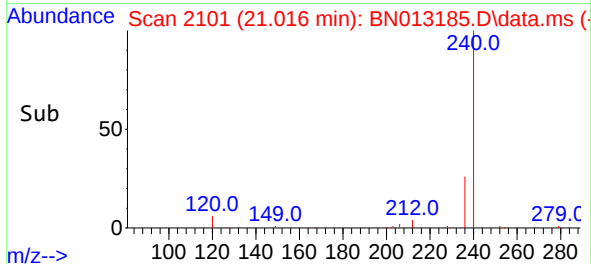
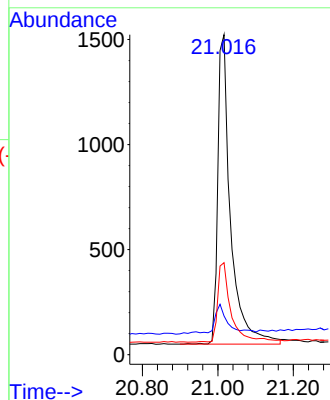
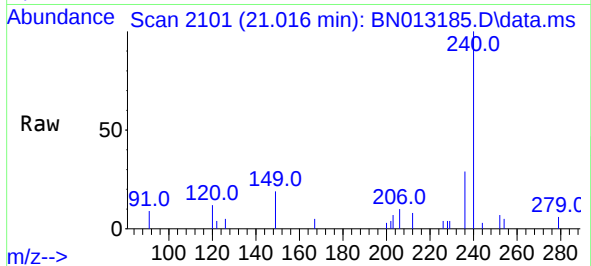




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

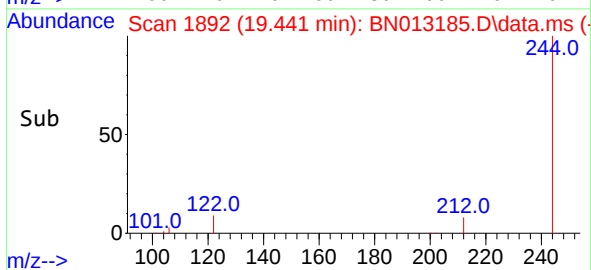
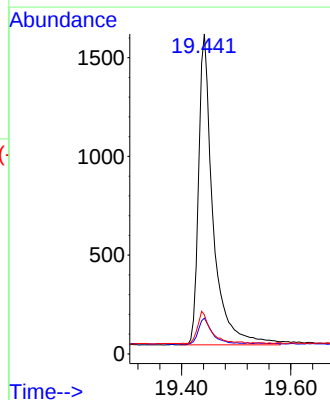
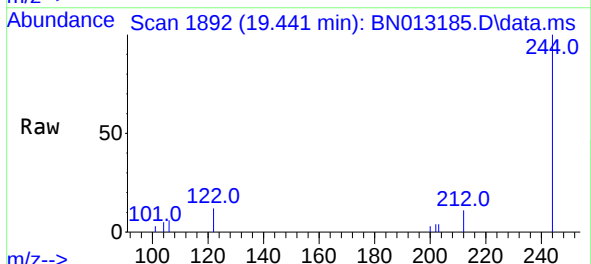
Instrument :
BNA_N
ClientSampleId :
RE122D1-20201209

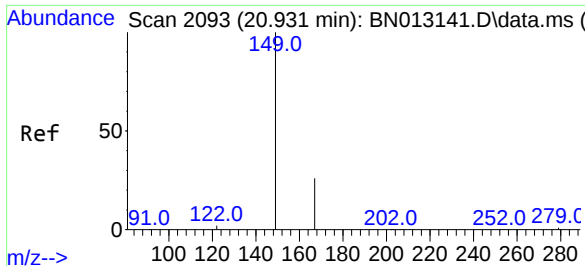
Tgt Ion:240 Resp: 3466
Ion Ratio Lower Upper
240 100
120 12.1 5.3 7.9#
236 28.8 21.8 32.8



#31
Terphenyl-d14
Concen: 0.33 ng
RT: 19.441 min Scan# 1892
Delta R.T. -0.010 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:244 Resp: 2892
Ion Ratio Lower Upper
244 100
212 11.2 7.3 10.9#
122 12.2 7.3 10.9#

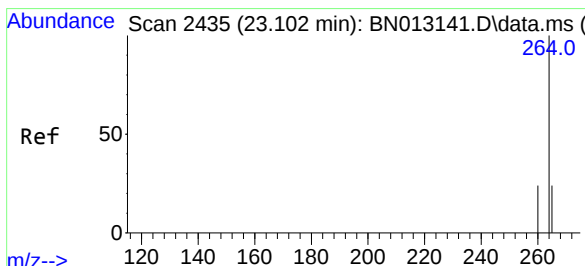
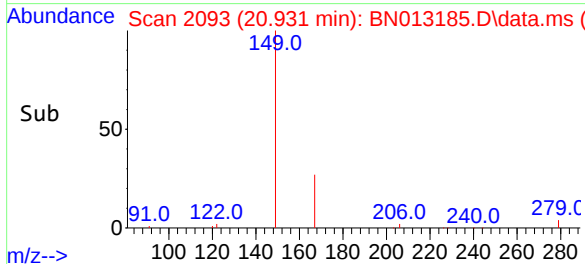
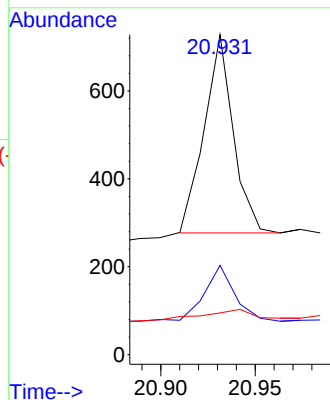
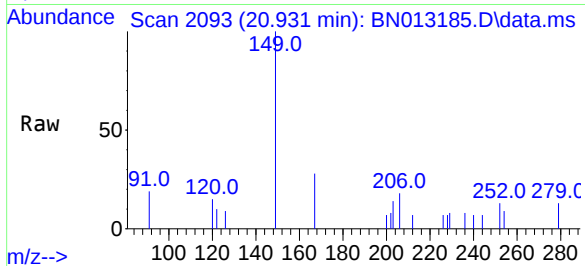




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.931 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Instrument :
BNA_N
ClientSampleId :
RE122D1-20201209

Tgt Ion:149 Resp: 482
Ion Ratio Lower Upper
149 100
167 29.0 23.2 34.8
279 5.0 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.102 min Scan# 2435
Delta R.T. 0.004 min
Lab File: BN013185.D
Acq: 17 Dec 2020 14:37

Tgt Ion:264 Resp: 3981
Ion Ratio Lower Upper
264 100
260 27.9 19.8 29.6
265 79.9 51.4 77.0#

