

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013205.D
 Acq On : 18 Dec 2020 05:07
 Operator : CG/JU
 Sample : L4996-19DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 18 06:01:51 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)

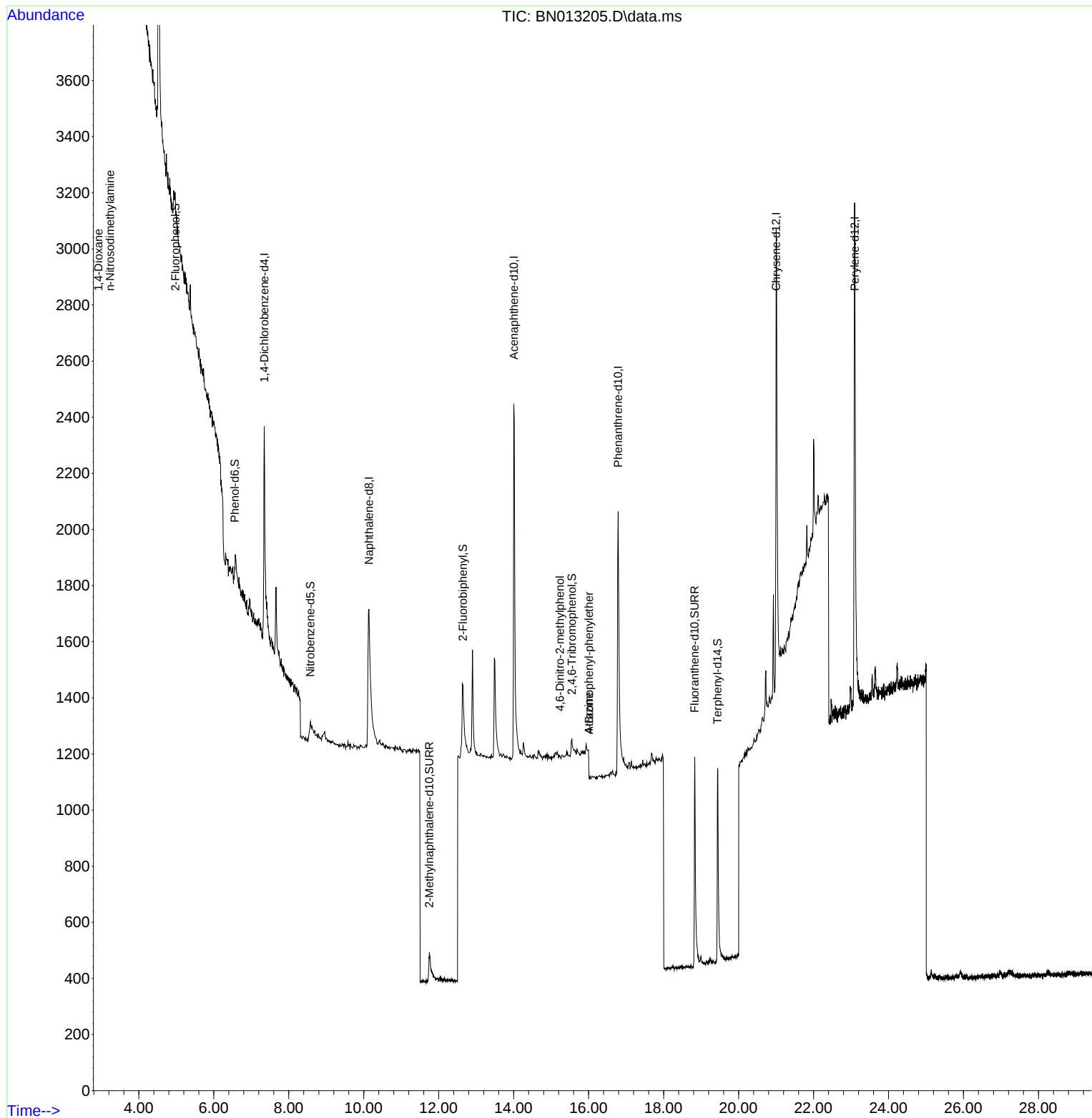
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	620	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1782	0.40	ng	# 0.03
13) Acenaphthene-d10	14.004	164	1203	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2716	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	2828	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	3175	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	106	0.04	ng	0.00
5) Phenol-d6	6.557	99	52	0.02	ng	0.00
8) Nitrobenzene-d5	8.578	82	163	0.09	ng	0.06
11) 2-Methylnaphthalene-d10	11.751	152	363	0.12	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	85	0.11	ng	0.01
15) 2-Fluorobiphenyl	12.646	172	538	0.11	ng	0.01
27) Fluoranthene-d10	18.828	212	1479	0.17	ng	0.00
31) Terphenyl-d14	19.439	244	1247	0.17	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	3733	3.45	ng	Qvalue 94
3) n-Nitrosodimethylamine	3.231	42	43	0.02	ng	# 25
20) 4,6-Dinitro-2-methylph...	15.234	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	103	0.19	ng	# 79
23) Atrazine	16.008	200	170	0.10	ng	# 3
34) Bis(2-ethylhexyl)phtha...	20.929	149	336	Below Cal		# 93

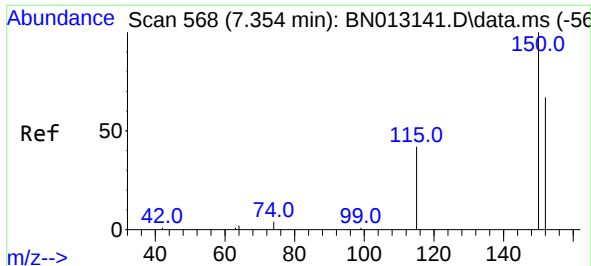
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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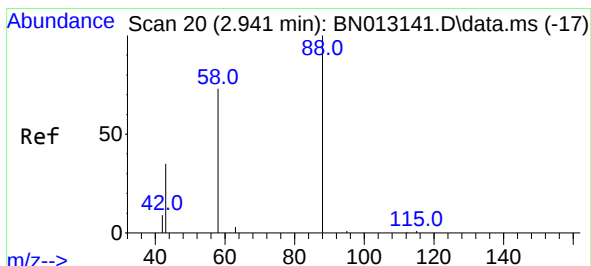
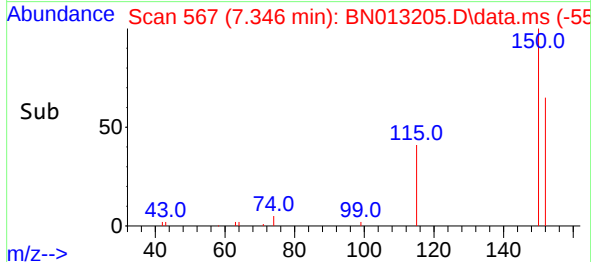
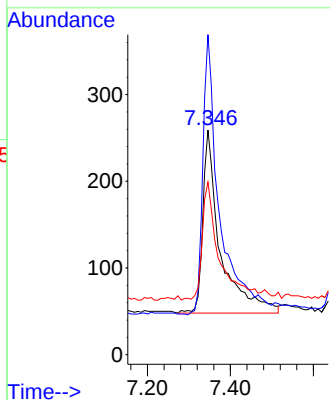
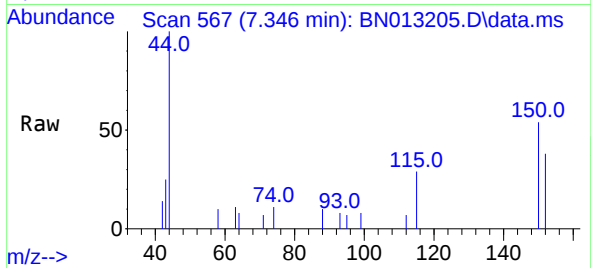




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.346 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: BN013205.D
 Acq: 18 Dec 2020 05:07

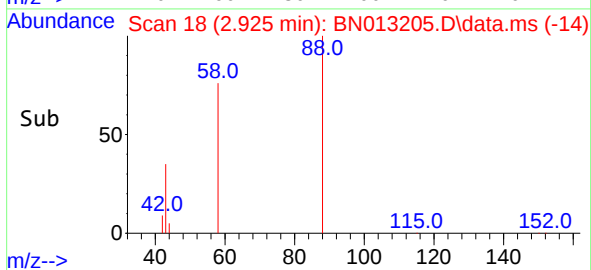
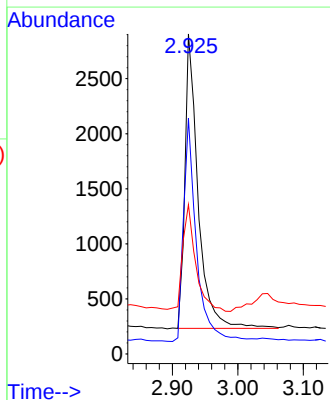
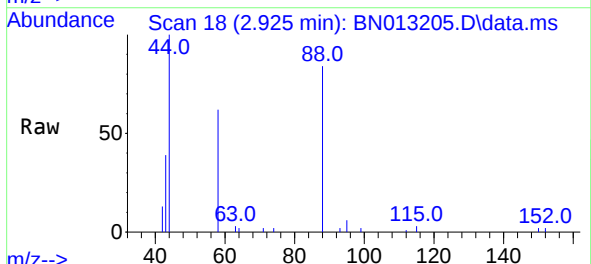
Instrument :
 BNA_N
 ClientSampled :

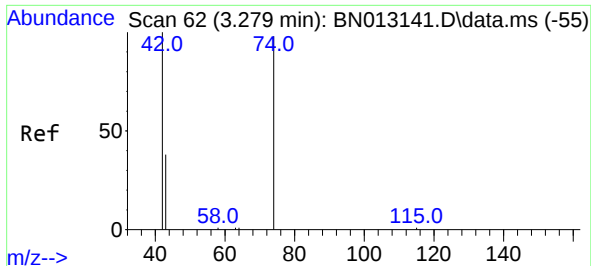
Tgt Ion:152 Resp: 620
 Ion Ratio Lower Upper
 152 100
 150 142.5 116.6 174.8
 115 76.8 52.9 79.3



#2
 1,4-Dioxane
 Concen: 3.45 ng
 RT: 2.925 min Scan# 18
 Delta R.T. -0.016 min
 Lab File: BN013205.D
 Acq: 18 Dec 2020 05:07

Tgt Ion: 88 Resp: 3733
 Ion Ratio Lower Upper
 88 100
 58 69.9 59.4 89.2
 43 34.9 32.3 48.5

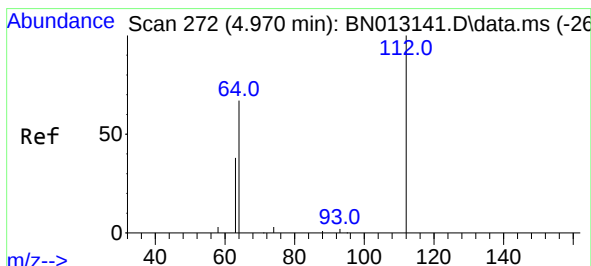
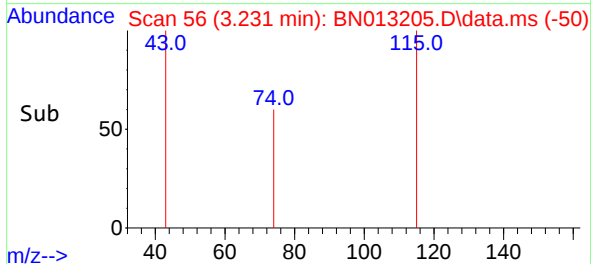
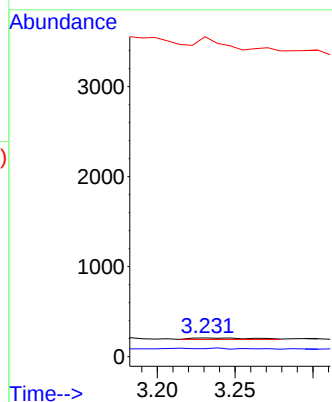
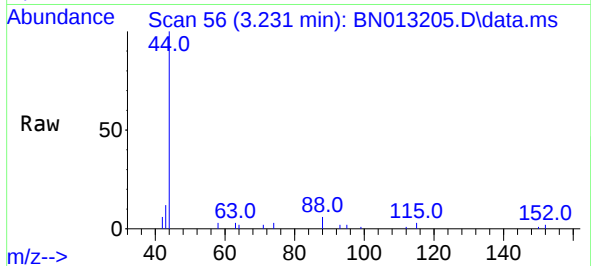




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.231 min Scan# 56
Delta R.T. -0.048 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

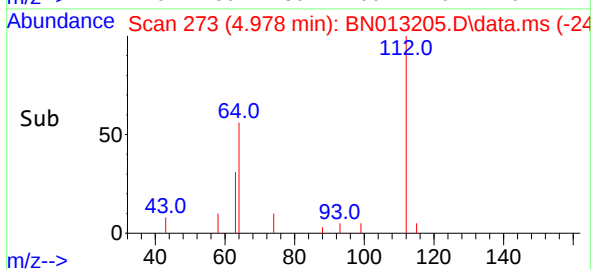
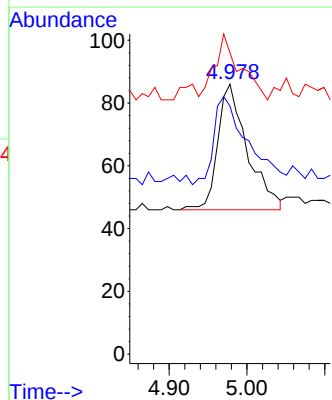
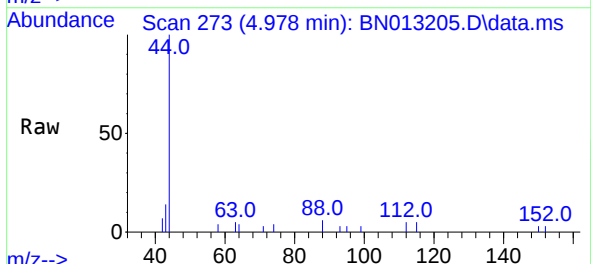
Instrument :
BNA_N
ClientSampled :

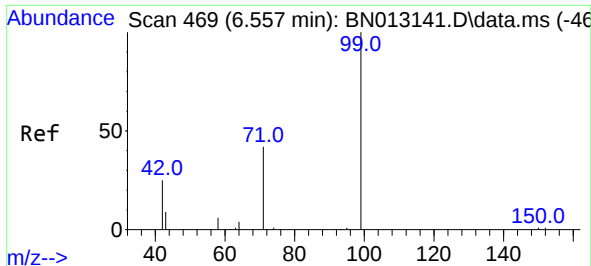
Tgt Ion: 42 Resp: 43
Ion Ratio Lower Upper
42 100
74 11.6 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.04 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion: 112 Resp: 106
Ion Ratio Lower Upper
112 100
64 80.2 49.5 74.3#
63 44.3 32.0 48.0

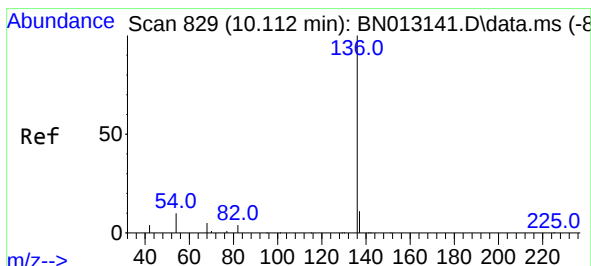
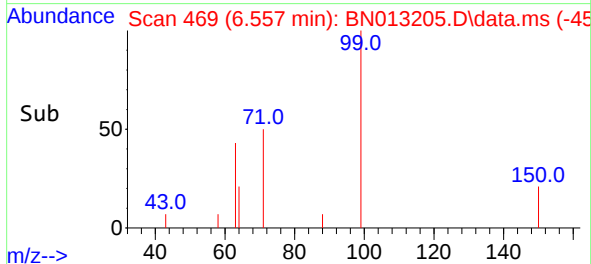
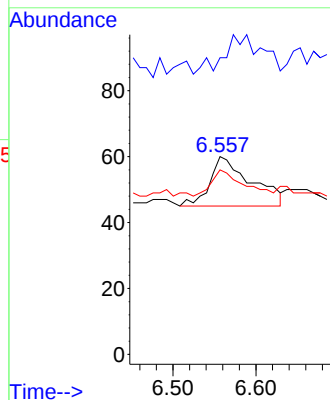
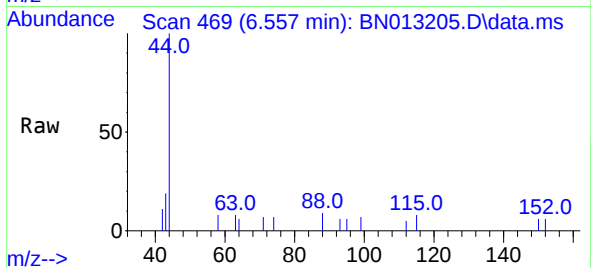




#5
Phenol-d6
Concen: 0.02 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

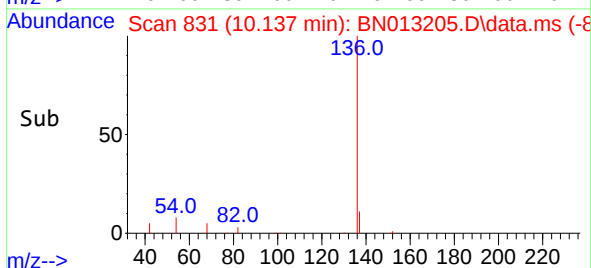
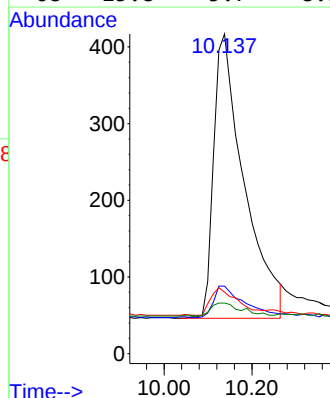
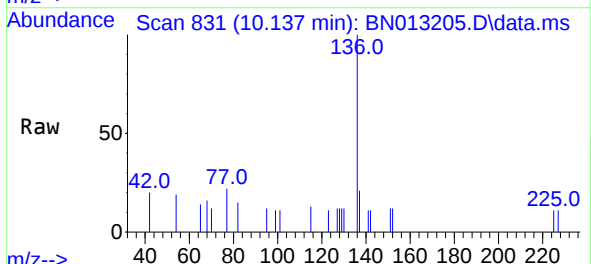
Instrument :
BNA_N
ClientSampled :

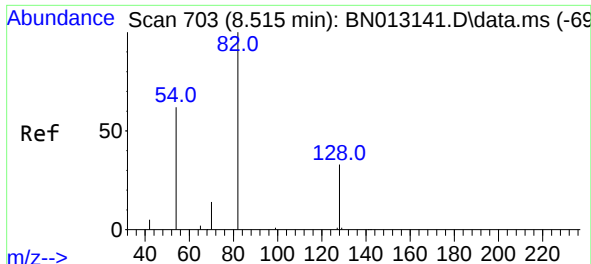
Tgt Ion: 99 Resp: 52
Ion Ratio Lower Upper
99 100
42 7.7 22.4 33.6#
71 40.4 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:136 Resp: 1782
Ion Ratio Lower Upper
136 100
137 21.1 10.6 15.8#
54 19.2 8.6 12.8#
68 15.8 5.7 8.5#

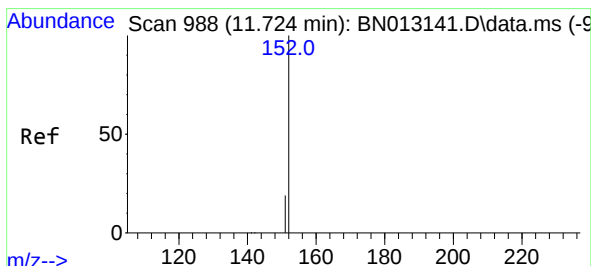
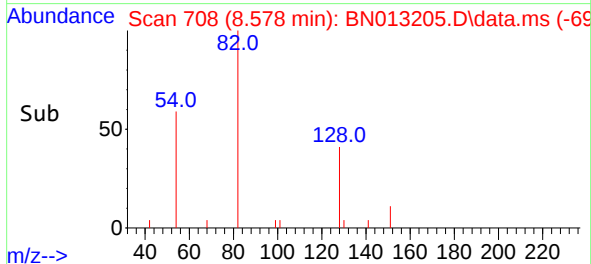
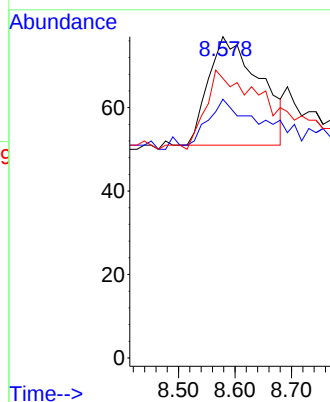
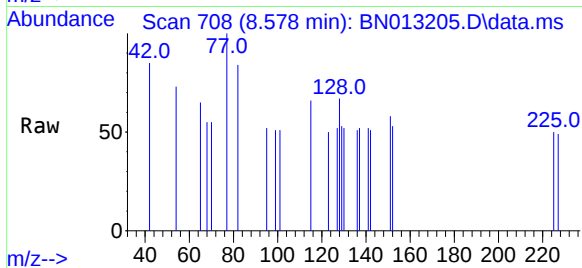




#8
Nitrobenzene-d5
Concen: 0.09 ng
RT: 8.578 min Scan# 708
Delta R.T. 0.063 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

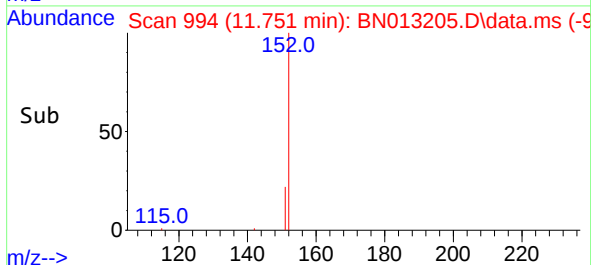
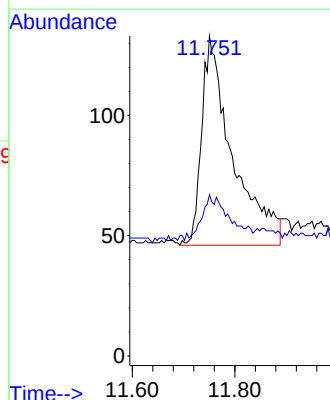
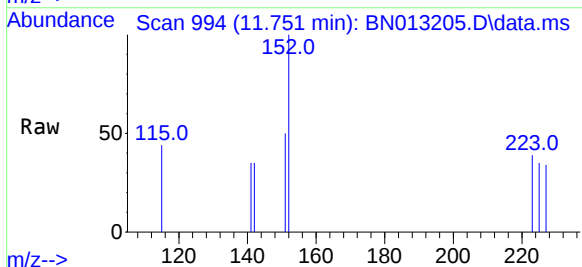
Instrument :
BNA_N
ClientSampleId :

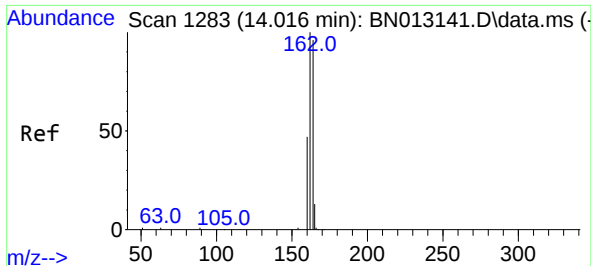
Tgt Ion: 82 Resp: 163
Ion Ratio Lower Upper
82 100
128 80.5 30.6 46.0#
54 87.0 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.12 ng
RT: 11.751 min Scan# 994
Delta R.T. 0.022 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:152 Resp: 363
Ion Ratio Lower Upper
152 100
151 8.5 16.7 25.1#

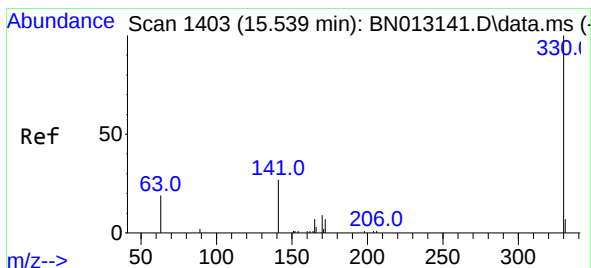
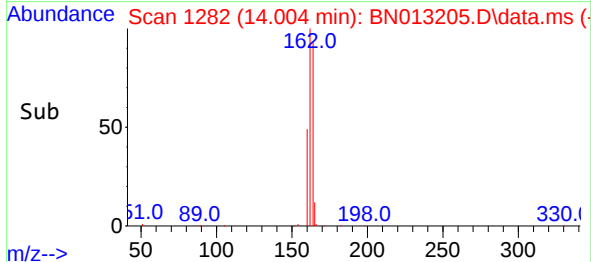
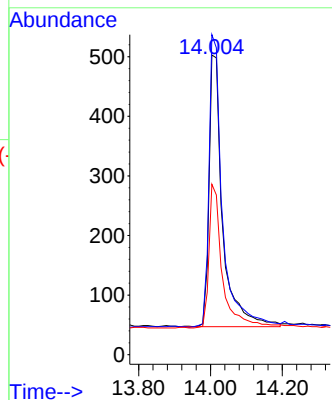
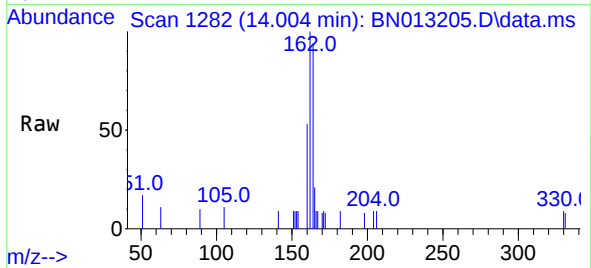




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

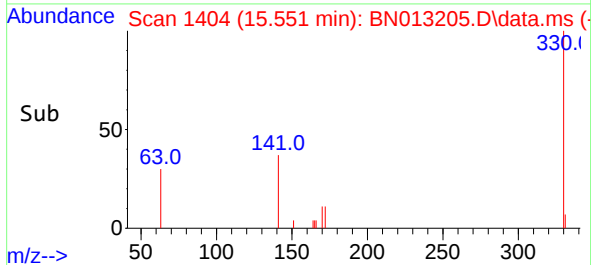
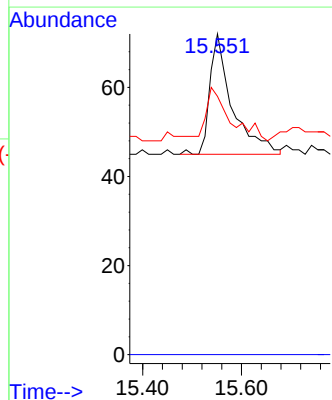
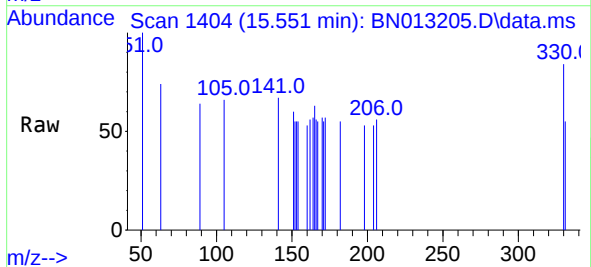
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BNA_N
ClientSampled :

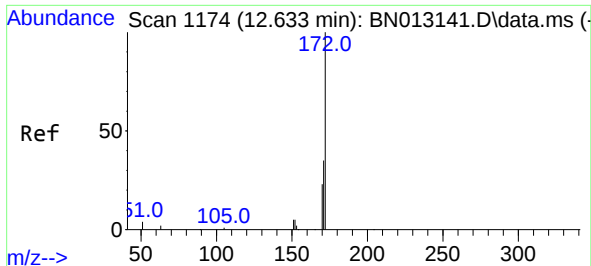
Tgt Ion:164 Resp: 1203
Ion Ratio Lower Upper
164 100
162 106.8 80.6 120.8
160 56.9 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:330 Resp: 85
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.1 34.4 51.6

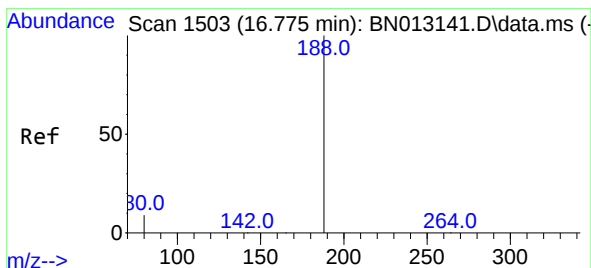
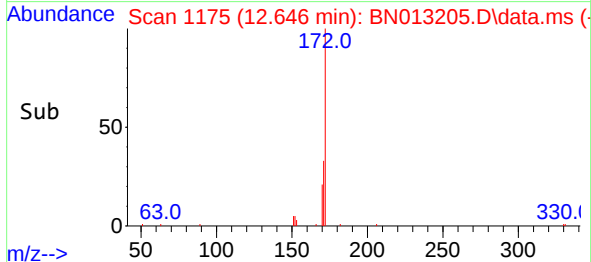
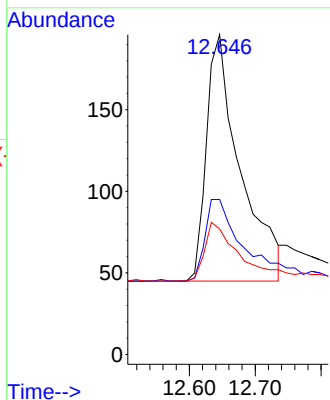
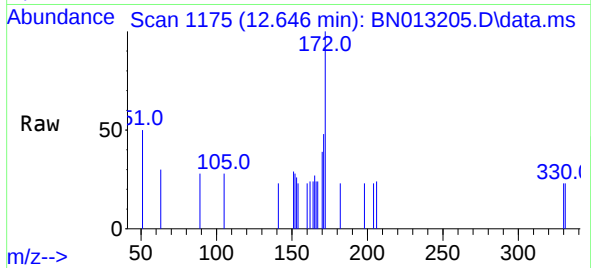




#15
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.013 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

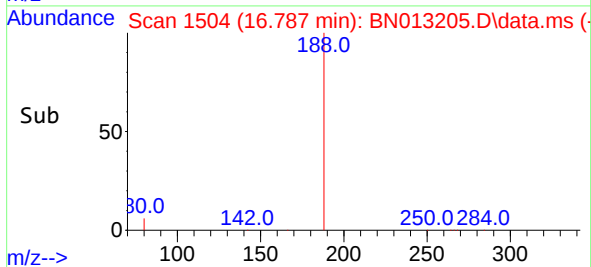
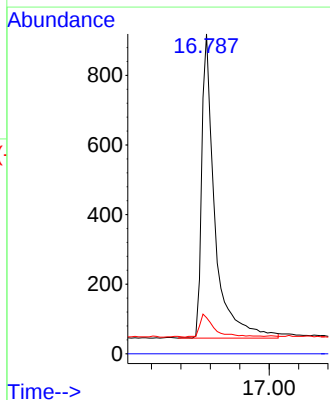
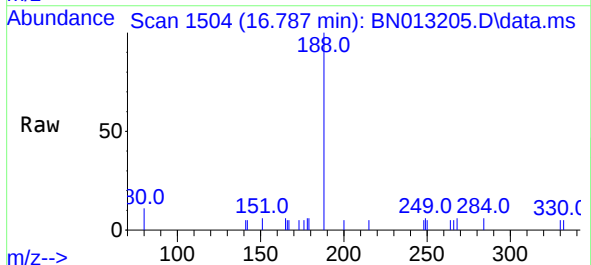
Instrument :
BNA_N
ClientSampled :

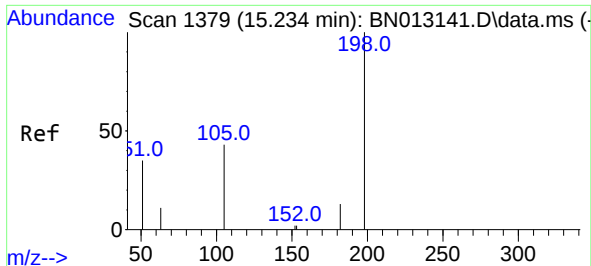
Tgt Ion:	172	Resp:	538
Ion	Ratio	Lower	Upper
172	100		
171	48.5	28.2	42.4#
170	39.3	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:	188	Resp:	2716
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	5.0	7.4#

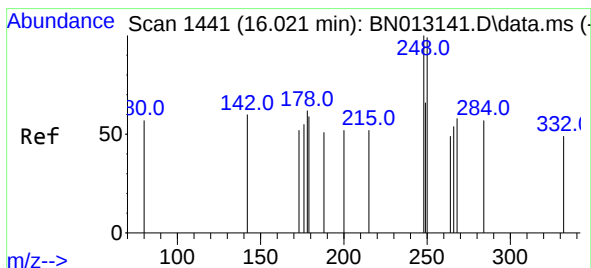
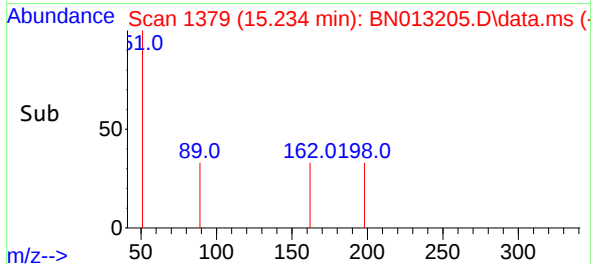
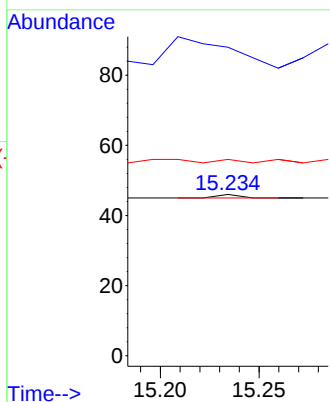
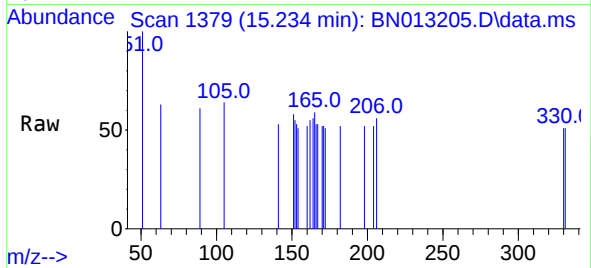




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.013 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

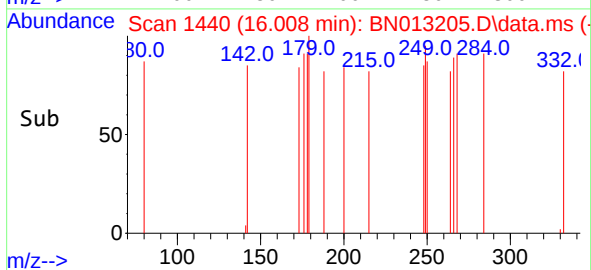
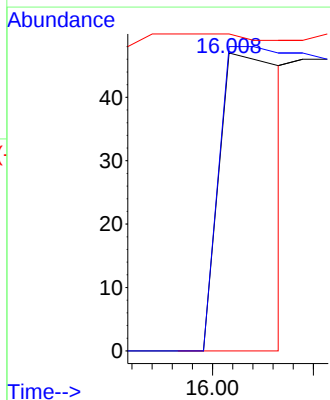
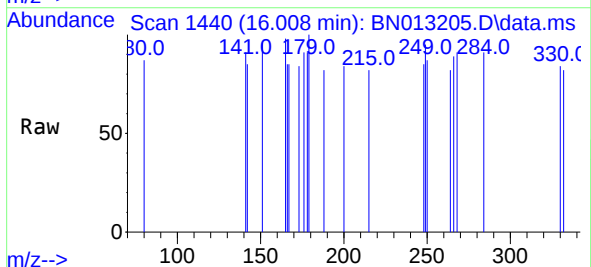
Instrument :
BNA_N
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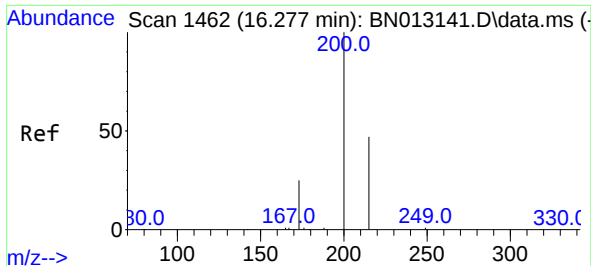
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 191.3 43.5 65.3#
105 121.7 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

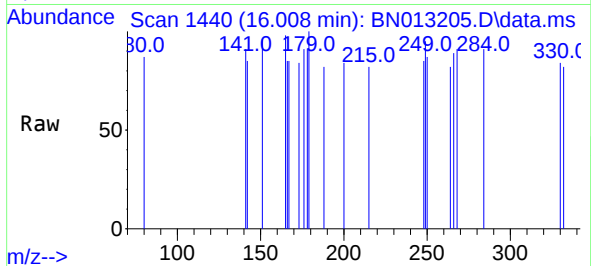
Tgt Ion:248 Resp: 103
Ion Ratio Lower Upper
248 100
250 102.1 77.3 115.9
141 106.4 57.8 86.8#



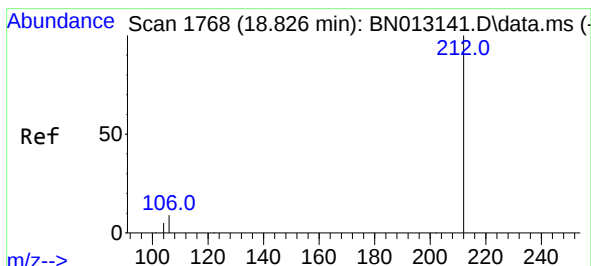
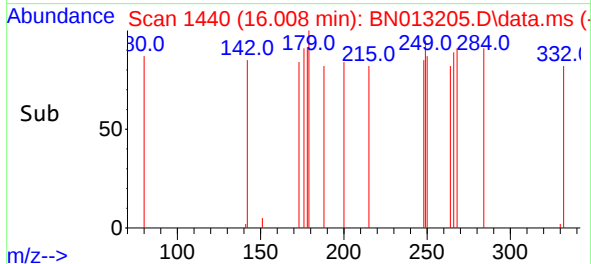
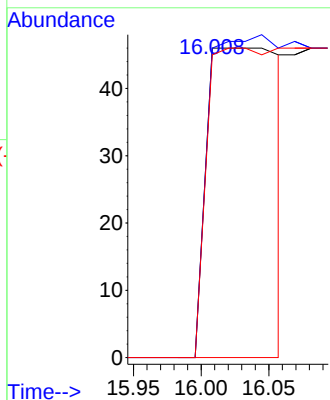


#23
Atrazine
Concen: 0.10 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Instrument :
BNA_N
ClientSampled :

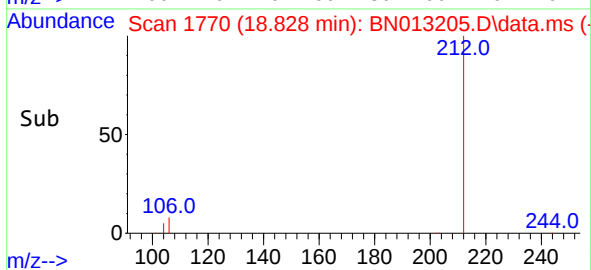
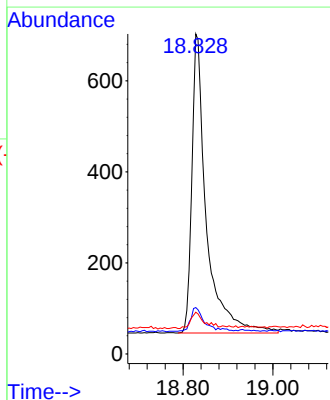
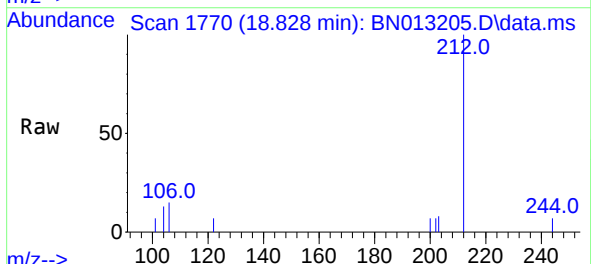


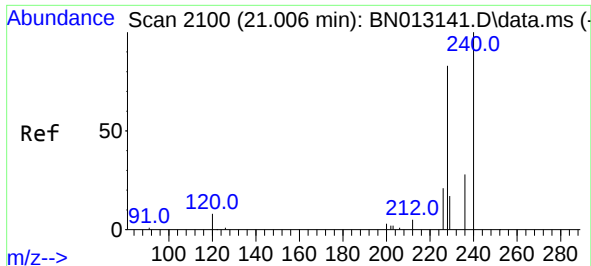
Tgt Ion:200 Resp: 170
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 97.8 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:212 Resp: 1479
Ion Ratio Lower Upper
212 100
106 6.9 6.8 10.2
104 4.3 4.1 6.1

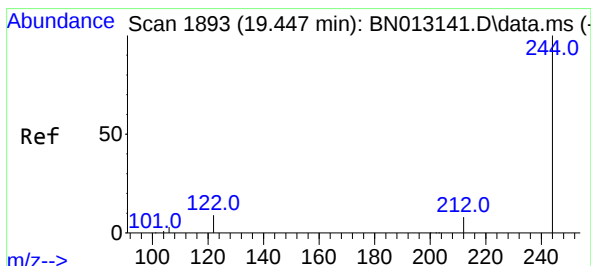
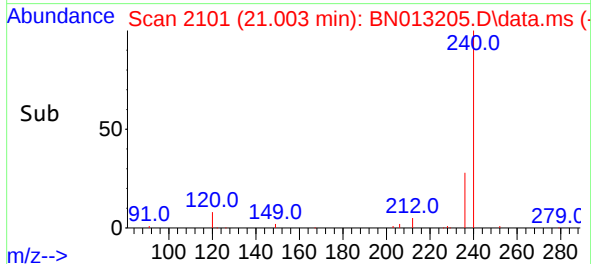
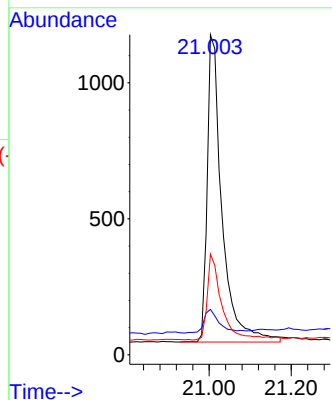
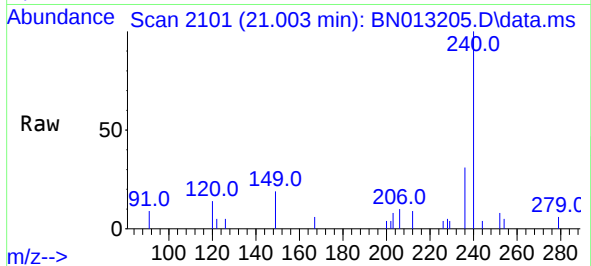




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

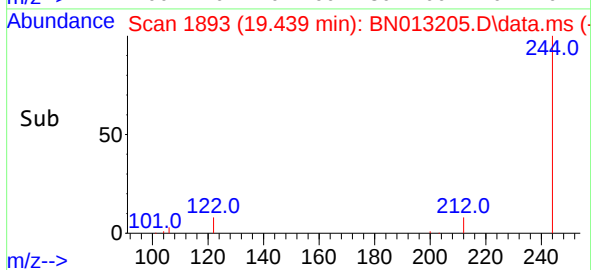
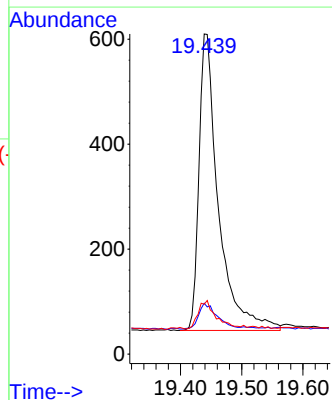
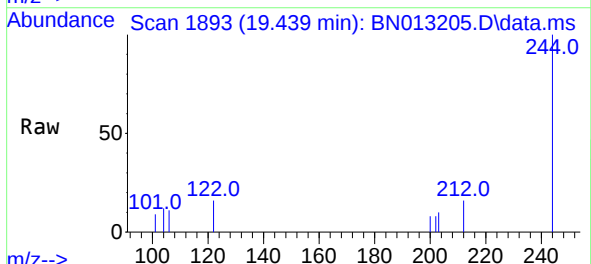
Instrument :
BNA_N
ClientSampled :

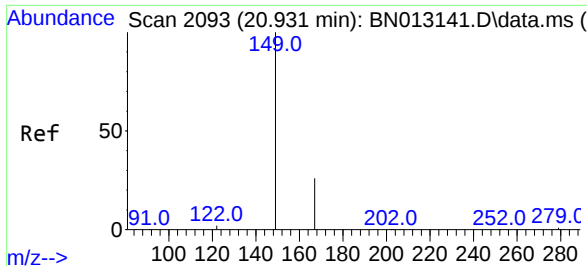
Tgt Ion:240 Resp: 2828
Ion Ratio Lower Upper
240 100
120 14.2 5.3 7.9#
236 31.4 21.8 32.8



#31
Terphenyl-d14
Concen: 0.17 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:244 Resp: 1247
Ion Ratio Lower Upper
244 100
212 15.9 7.3 10.9#
122 15.6 7.3 10.9#

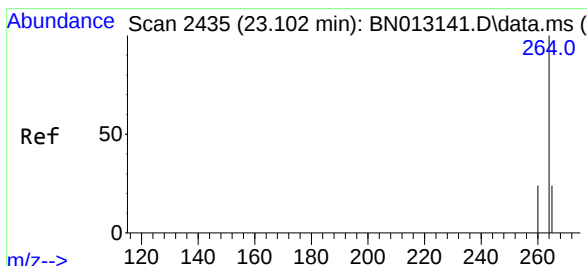
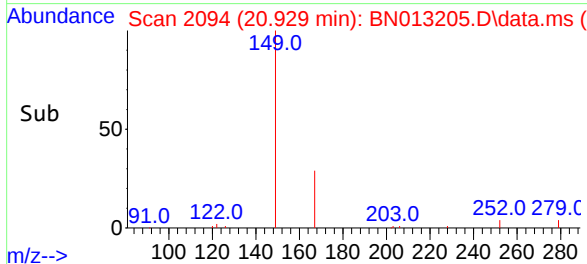
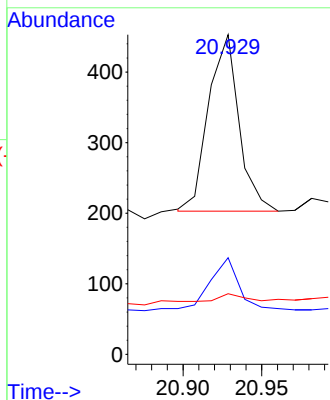
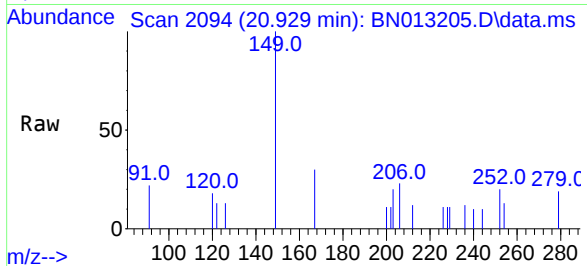




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Instrument :
BNA_N
ClientSampled :

Tgt Ion:149 Resp: 336
Ion Ratio Lower Upper
149 100
167 25.3 23.2 34.8
279 3.3 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.096 min Scan# 2435
Delta R.T. -0.003 min
Lab File: BN013205.D
Acq: 18 Dec 2020 05:07

Tgt Ion:264 Resp: 3175
Ion Ratio Lower Upper
264 100
260 26.5 19.8 29.6
265 79.8 51.4 77.0#

