

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013195.D
 Acq On : 17 Dec 2020 20:37
 Operator : CG/JU
 Sample : L5053-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 18 03:05:43 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)

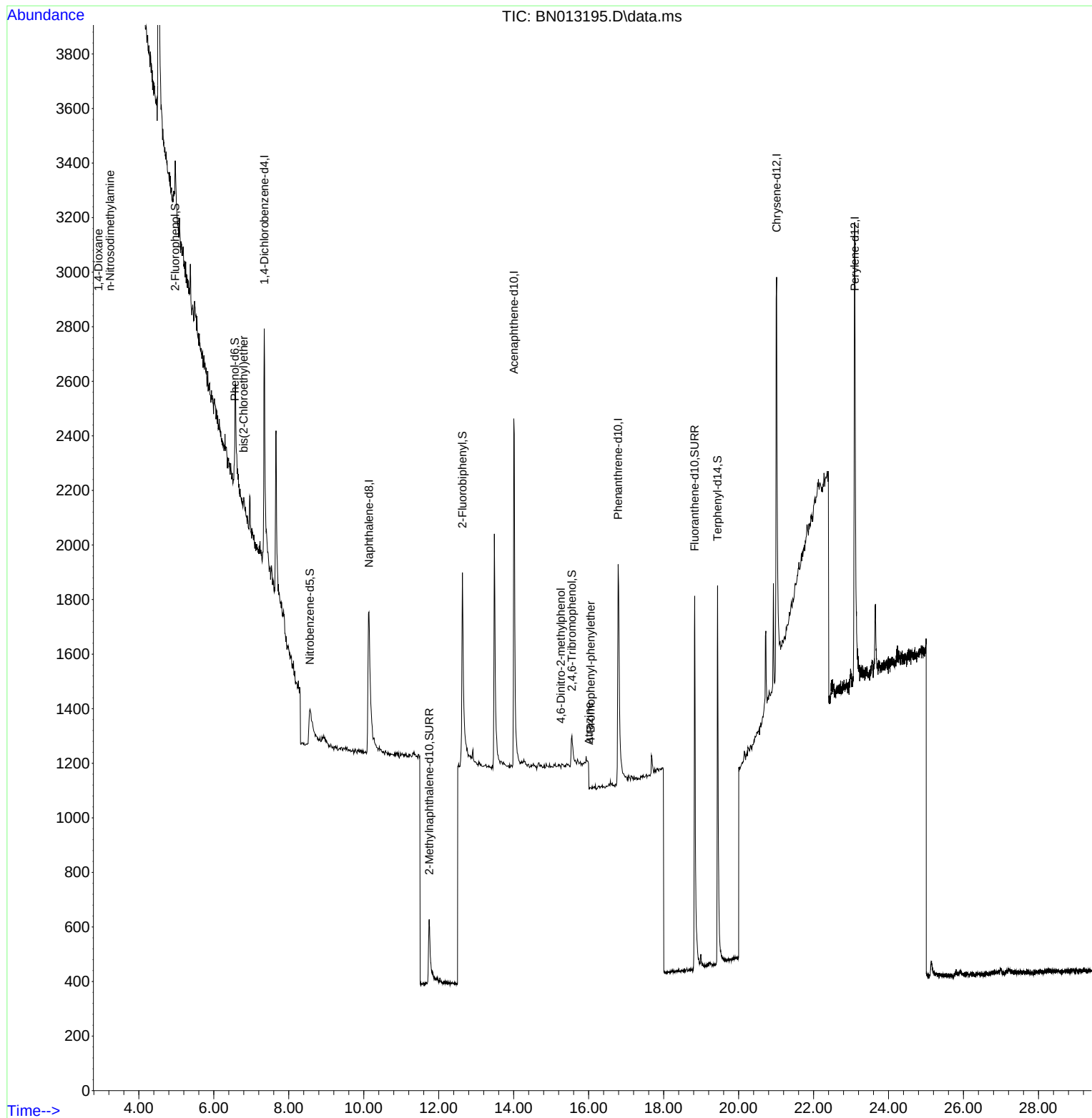
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	692	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	1733	0.40	ng	# 0.03
13) Acenaphthene-d10	14.004	164	1161	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	2410	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	2526	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	2872	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.970	112	217	0.08	ng	0.00
5) Phenol-d6	6.557	99	116	0.04	ng	0.00
8) Nitrobenzene-d5	8.566	82	396	0.22	ng	0.05
11) 2-Methylnaphthalene-d10	11.746	152	735	0.24	ng	0.02
14) 2,4,6-Tribromophenol	15.551	330	161	0.22	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1157	0.24	ng	0.00
27) Fluoranthene-d10	18.828	212	2578	0.33	ng	0.00
31) Terphenyl-d14	19.439	244	2242	0.35	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	5005	4.15	ng	# 92
3) n-Nitrosodimethylamine	3.231	42	90	0.04	ng	# 27
6) bis(2-Chloroethyl)ether	6.798	93	45	0.03	ng	# 61
20) 4,6-Dinitro-2-methylph...	15.260	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.057	248	200	0.42	ng	# 78
23) Atrazine	16.008	200	34	0.02	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	299	Below	Cal	# 98

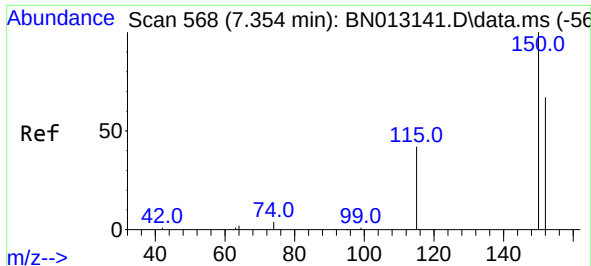
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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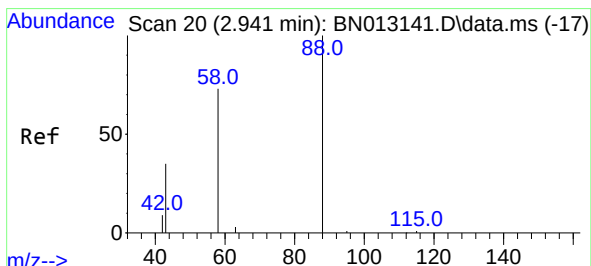
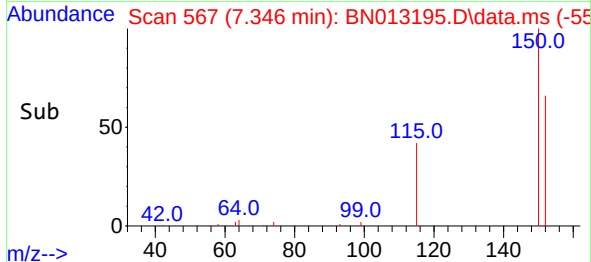
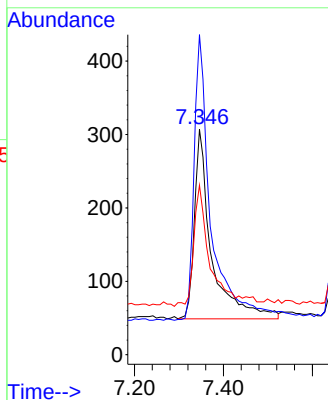
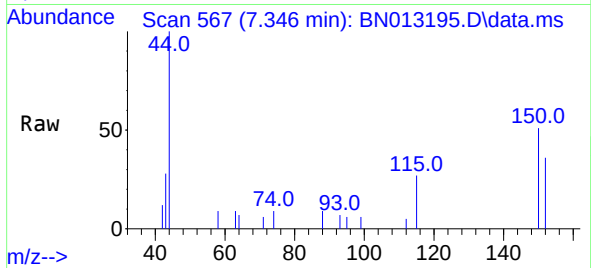




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

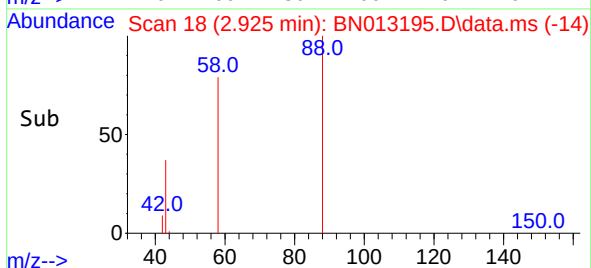
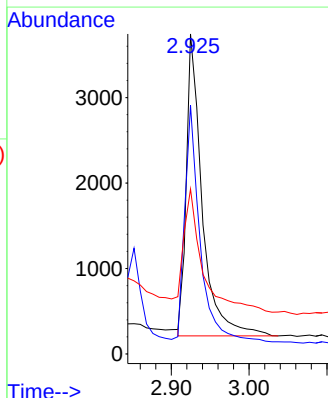
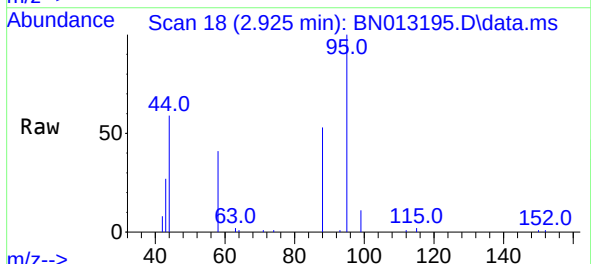
Instrument :
BNA_N
ClientSampleId :

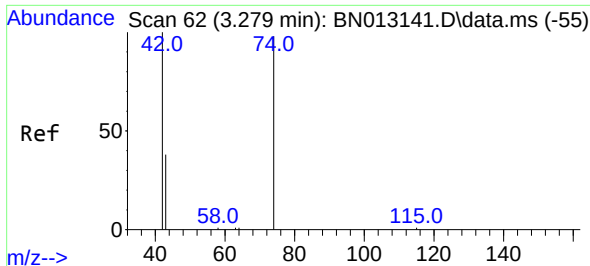
Tgt Ion:152 Resp: 692
Ion Ratio Lower Upper
152 100
150 142.0 116.6 174.8
115 75.2 52.9 79.3



#2
1,4-Dioxane
Concen: 4.15 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion: 88 Resp: 5005
Ion Ratio Lower Upper
88 100
58 77.0 59.4 89.2
43 51.6 32.3 48.5

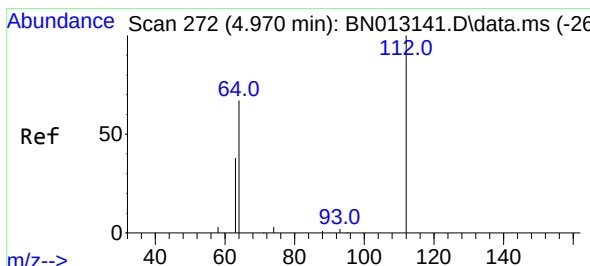
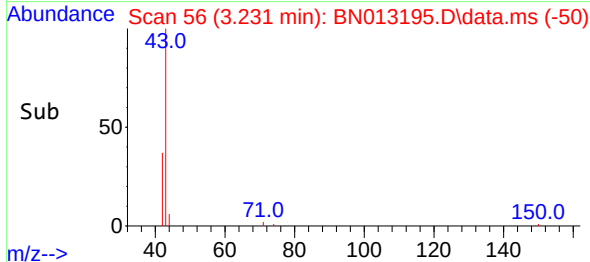
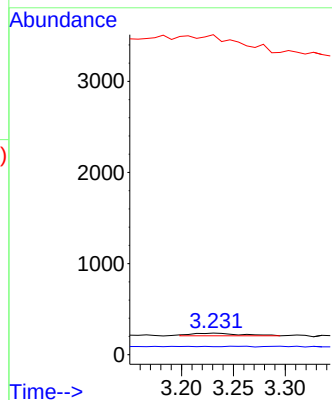
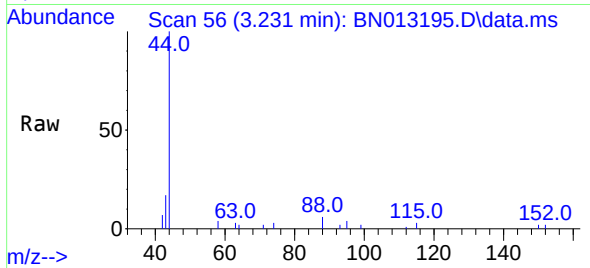




#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.231 min Scan# 56
Delta R.T. -0.048 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

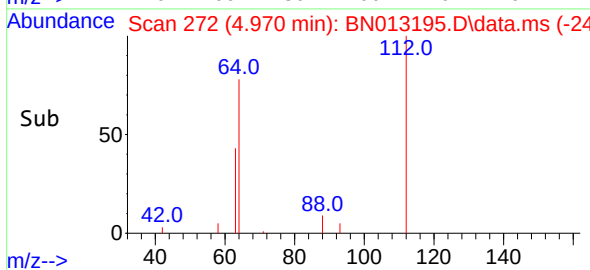
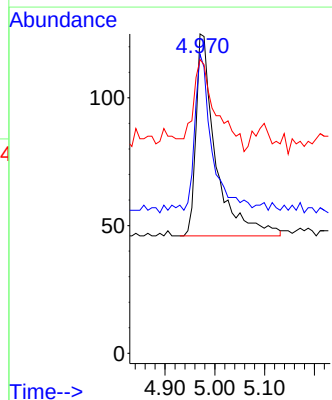
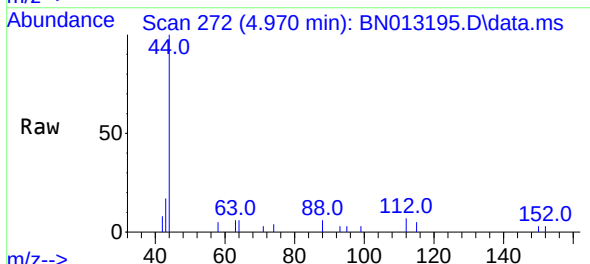
Instrument :
BNA_N
ClientSampled :

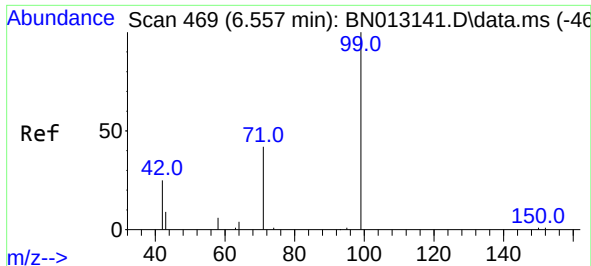
Tgt Ion: 42 Resp: 90
Ion Ratio Lower Upper
42 100
74 13.3 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.08 ng
RT: 4.970 min Scan# 272
Delta R.T. 0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion: 112 Resp: 217
Ion Ratio Lower Upper
112 100
64 65.9 49.5 74.3
63 52.5 32.0 48.0#

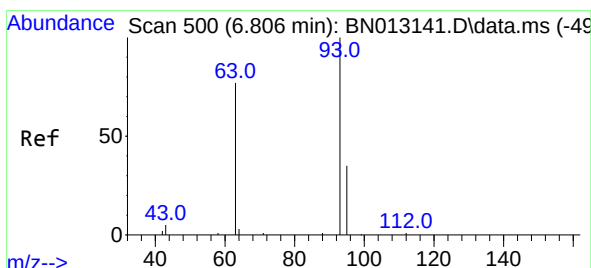
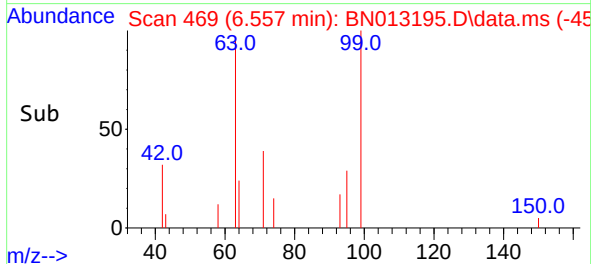
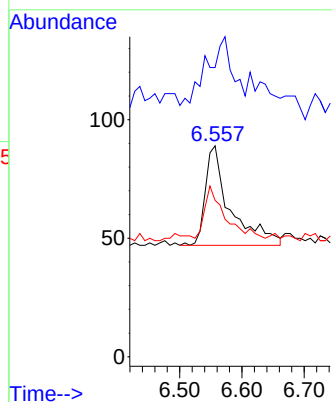
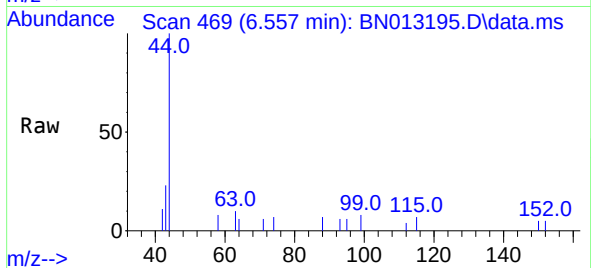




#5
Phenol-d6
Concen: 0.04 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

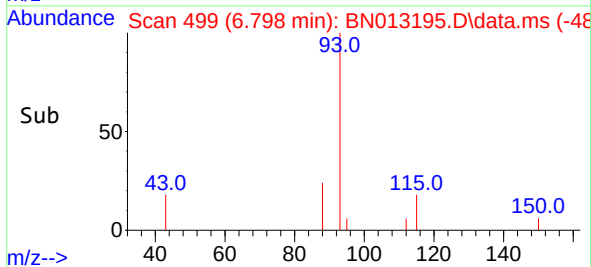
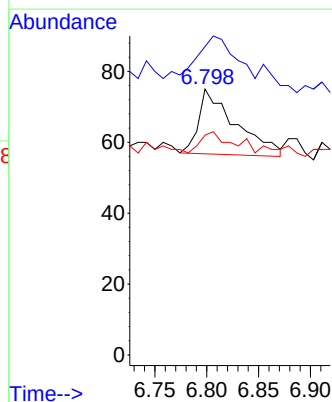
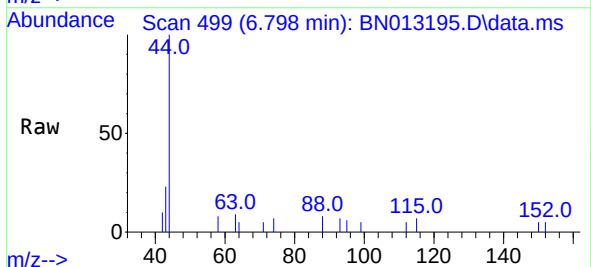
Instrument :
BNA_N
ClientSampled :

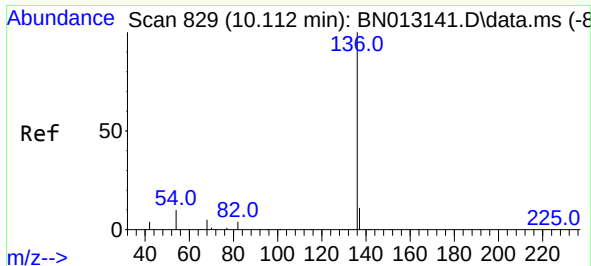
Tgt Ion: 99 Resp: 116
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 44.8 37.8 56.6



#6
bis(2-Chloroethyl)ether
Concen: 0.03 ng
RT: 6.798 min Scan# 499
Delta R.T. 0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

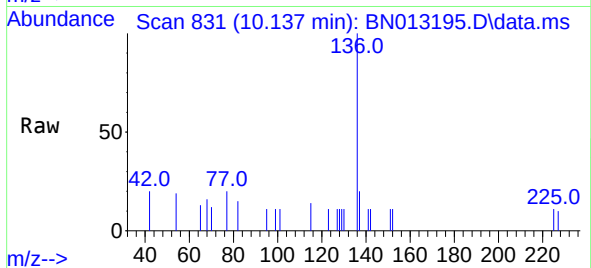
Tgt Ion: 93 Resp: 45
Ion Ratio Lower Upper
93 100
63 117.8 63.1 94.7#
95 46.7 26.1 39.1#





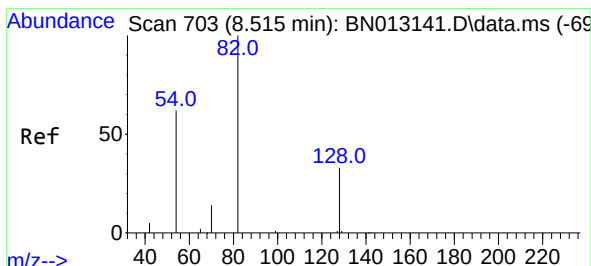
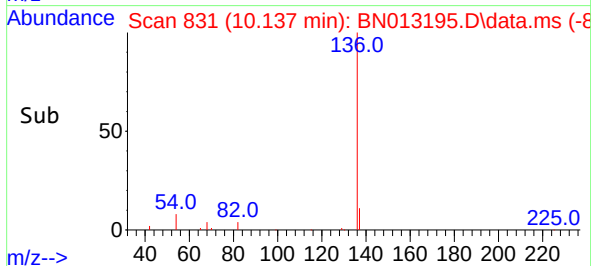
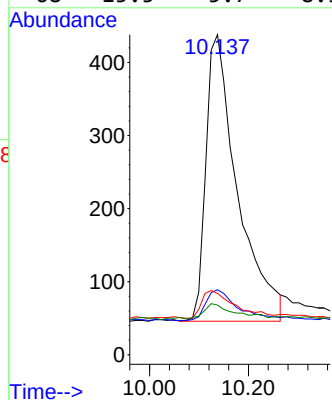
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.025 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Instrument :
BNA_N
ClientSampled :



Tgt Ion: 136 Resp: 1733

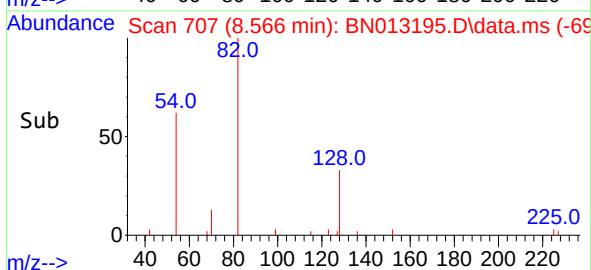
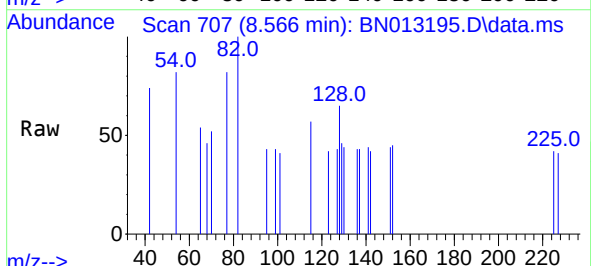
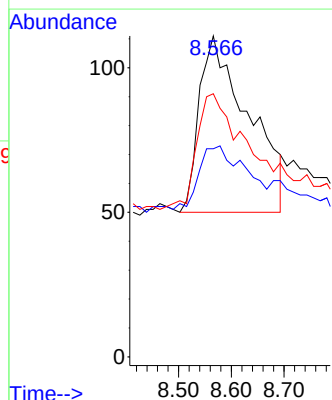
Ion	Ratio	Lower	Upper
136	100		
137	20.3	10.6	15.8#
54	19.2	8.6	12.8#
68	15.5	5.7	8.5#

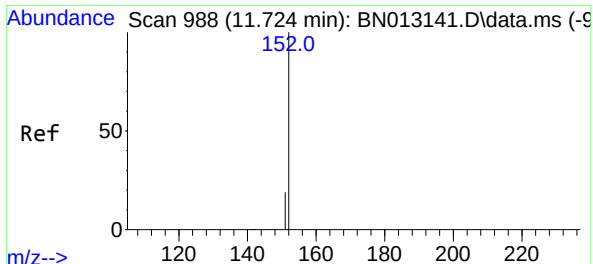


#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.051 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion: 82 Resp: 396

Ion	Ratio	Lower	Upper
82	100		
128	64.9	30.6	46.0#
54	82.0	48.3	72.5#

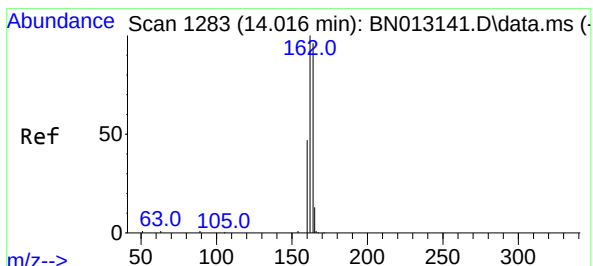
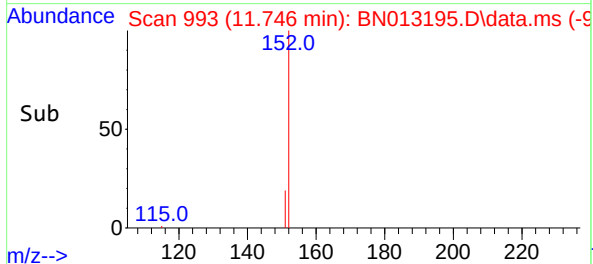
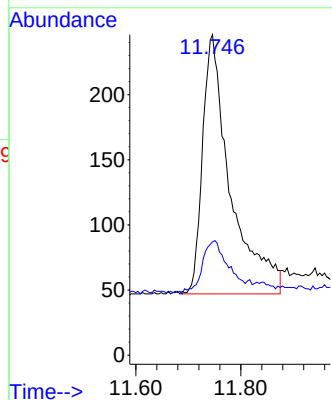
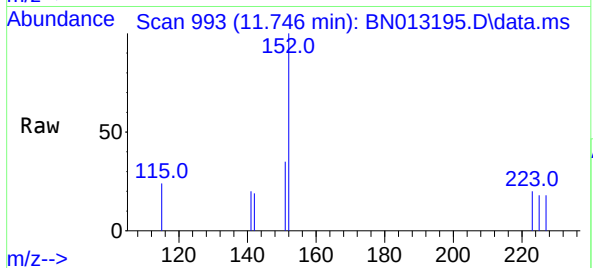




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.746 min Scan# 993
Delta R.T. 0.018 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

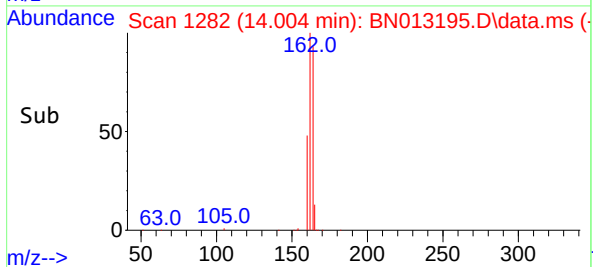
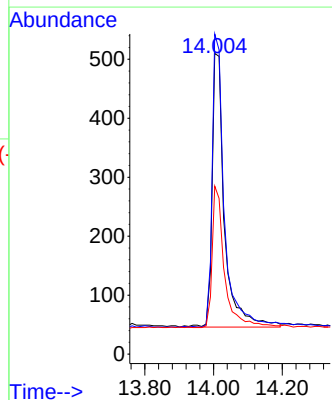
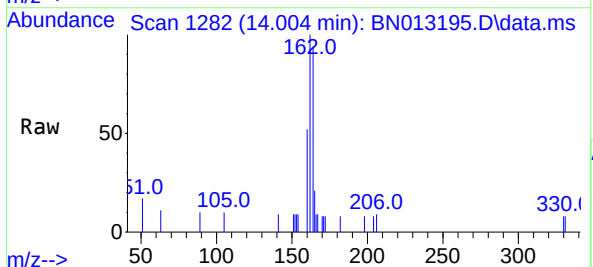
Instrument :
BNA_N
ClientSampled :

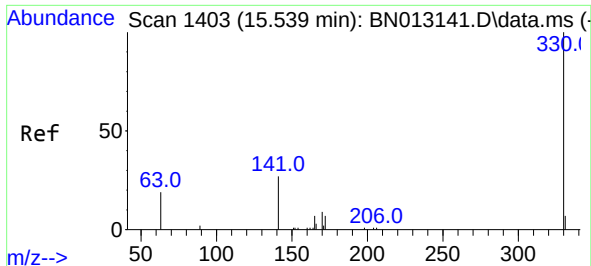
Tgt Ion:152 Resp: 735
Ion Ratio Lower Upper
152 100
151 19.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.004 min Scan# 1282
Delta R.T. 0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion:164 Resp: 1161
Ion Ratio Lower Upper
164 100
162 106.5 80.6 120.8
160 55.9 39.5 59.3

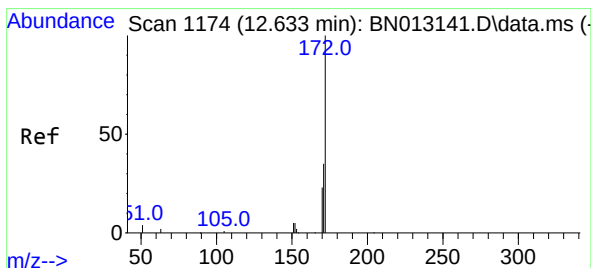
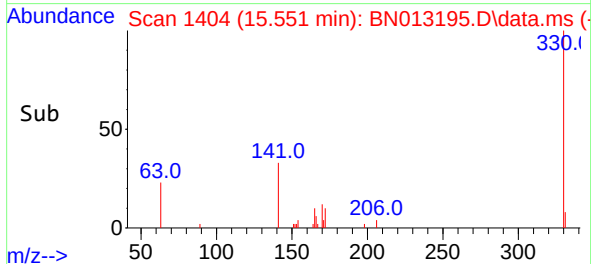
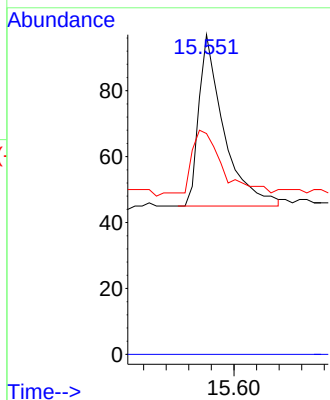
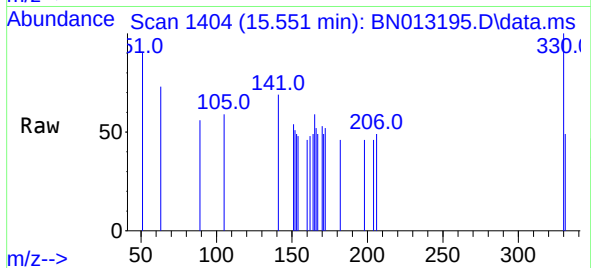




#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.551 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

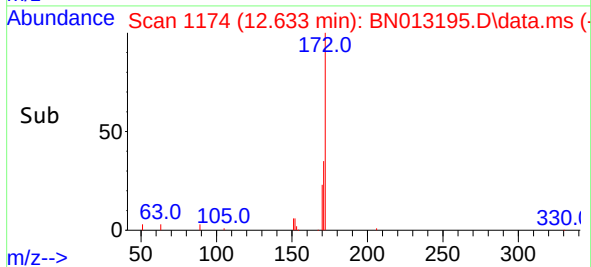
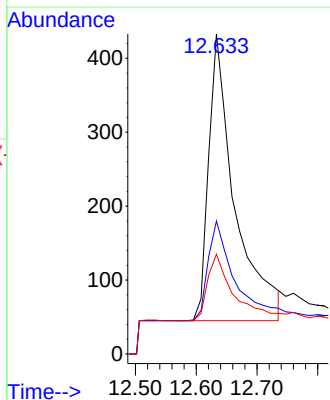
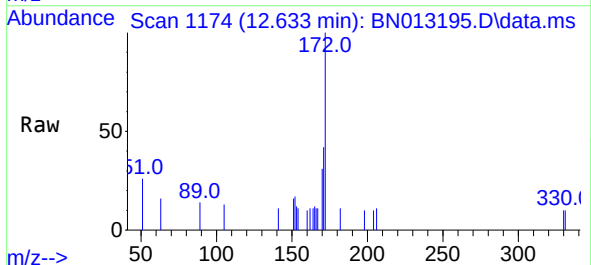
Instrument :
BNA_N
ClientSampled :

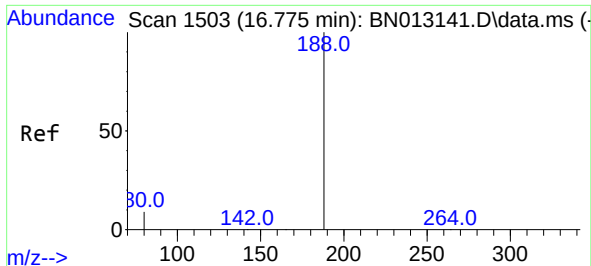
Tgt Ion:330 Resp: 161
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.2 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion:172 Resp: 1157
Ion Ratio Lower Upper
172 100
171 41.6 28.2 42.4
170 31.2 20.0 30.0#

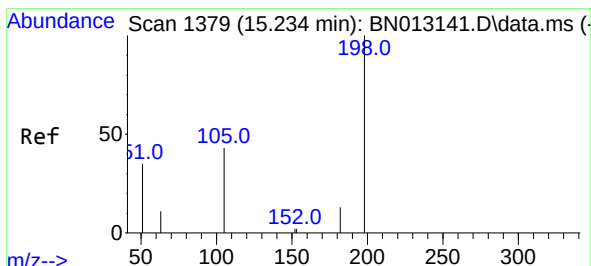
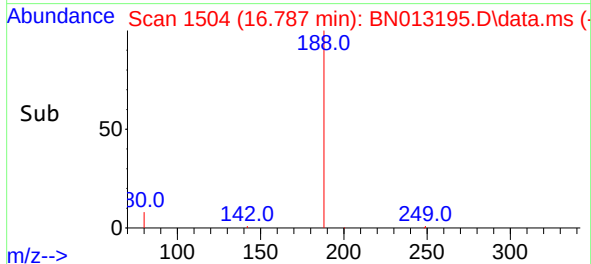
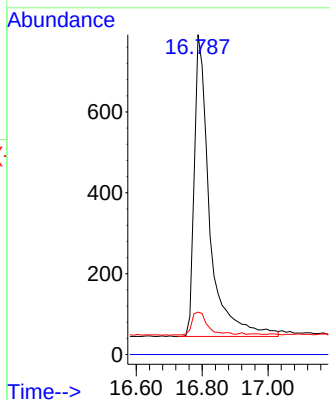
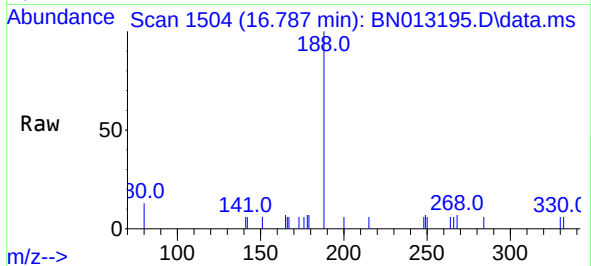




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

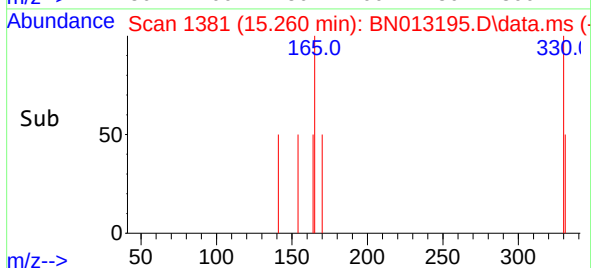
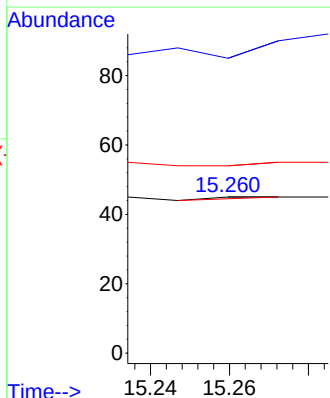
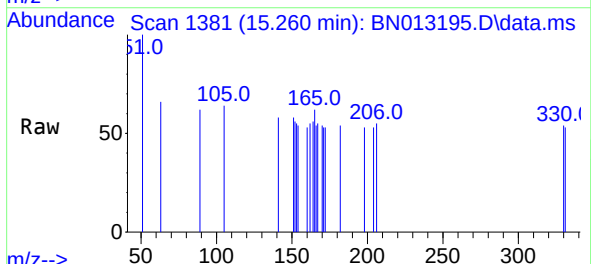
Instrument :
BNA_N
ClientSampled :

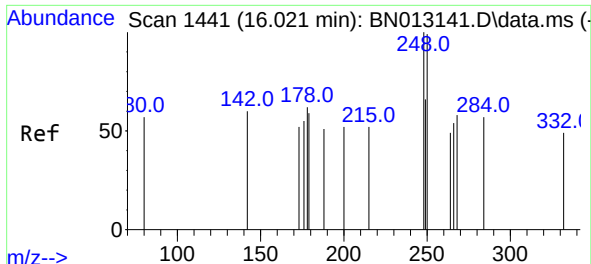
Tgt Ion:188	Resp:	2410
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.3	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.013 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion:198	Resp:	1
Ion Ratio	Lower	Upper
198	100	
51	188.9	43.5
105	120.0	27.2

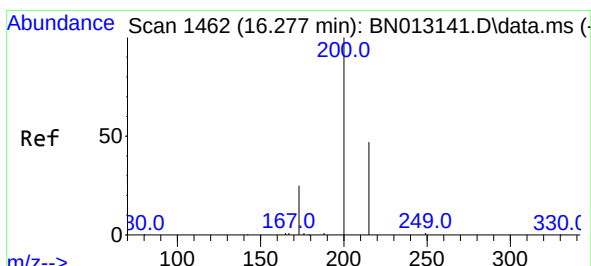
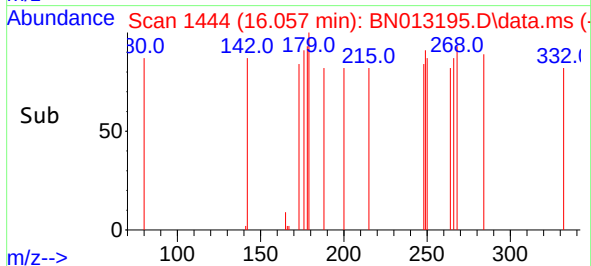
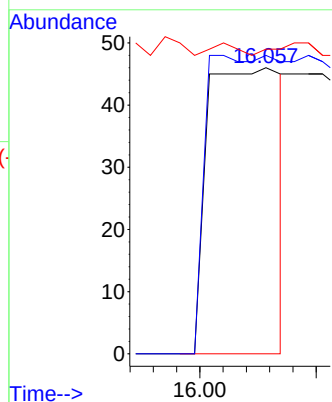
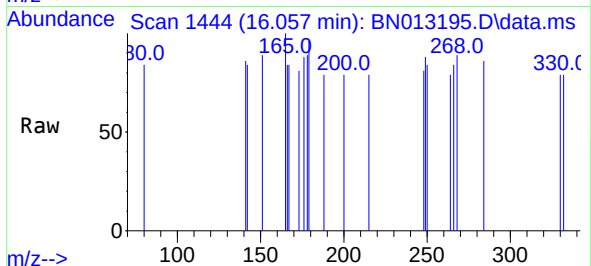




#21
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.057 min Scan# 1444
Delta R.T. 0.036 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

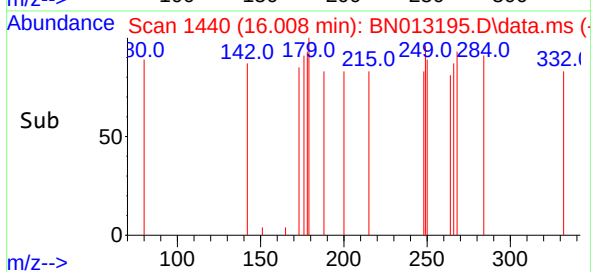
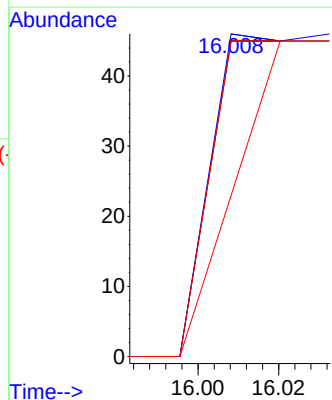
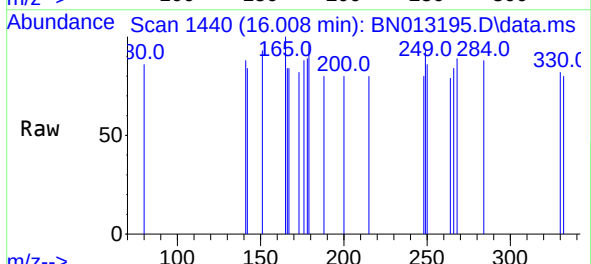
Instrument :
BNA_N
ClientSampled :

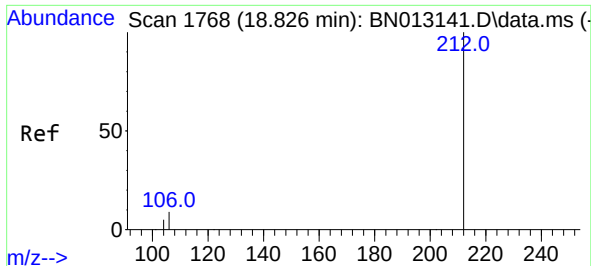
Tgt Ion:248 Resp: 200
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 106.5 57.8 86.8#



#23
Atrazine
Concen: 0.02 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.268 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

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



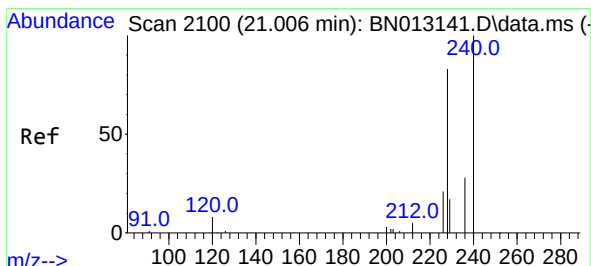
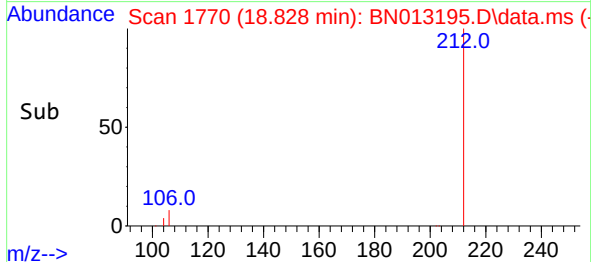
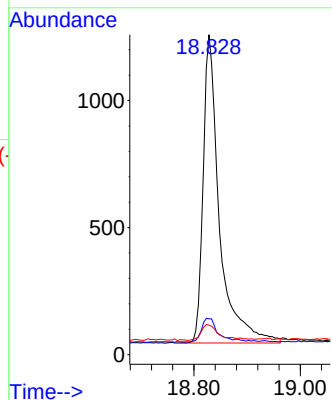
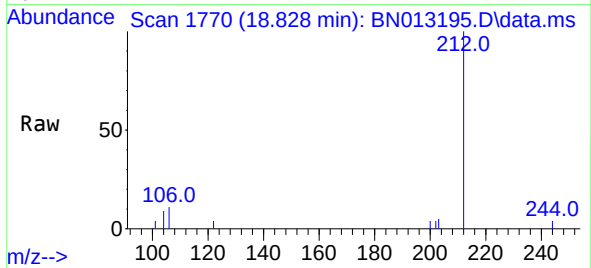


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 2578

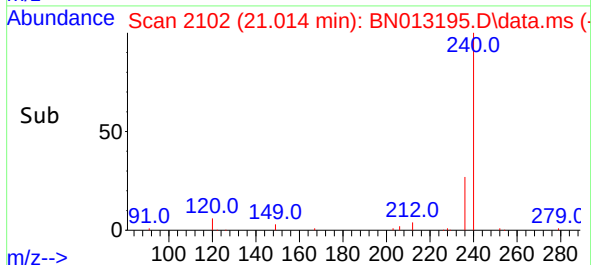
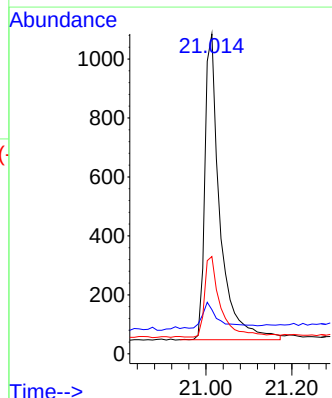
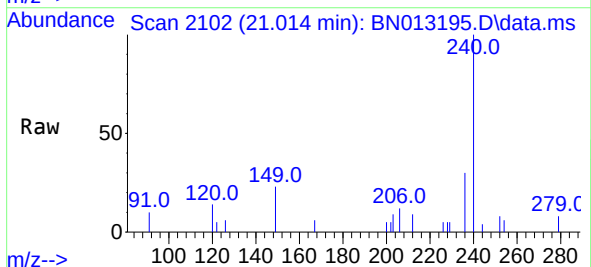
Ion	Ratio	Lower	Upper
212	100		
106	7.7	6.8	10.2
104	5.8	4.1	6.1

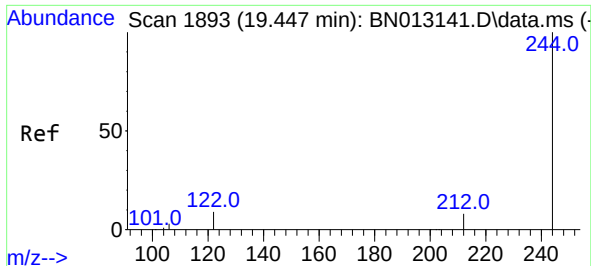


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion:240 Resp: 2526

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.3	7.9#
236	30.4	21.8	32.8

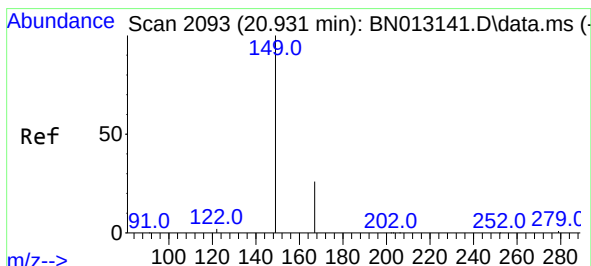
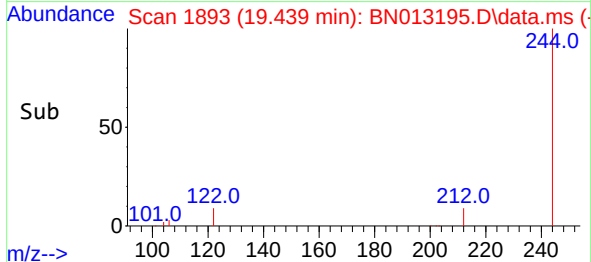
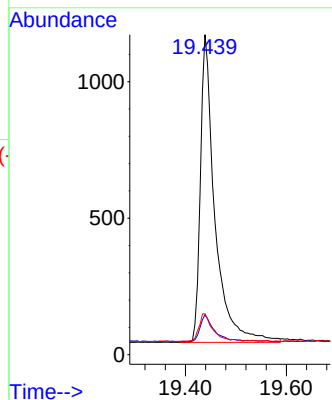
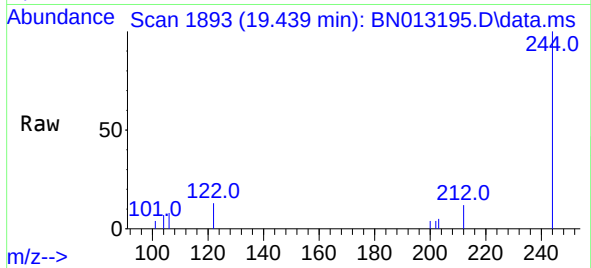




#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

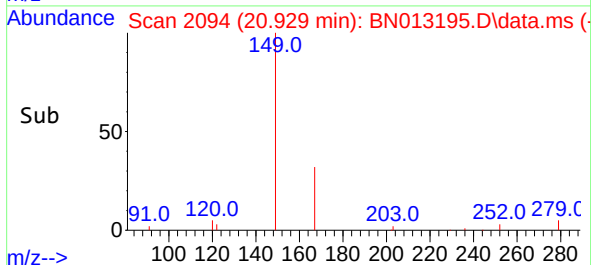
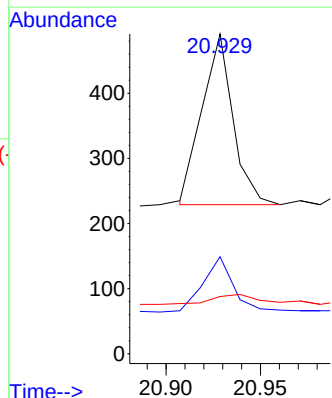
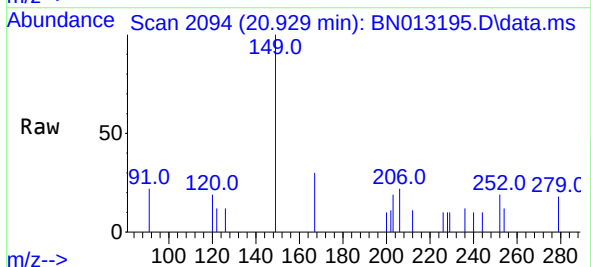
Instrument :
BNA_N
ClientSampleId :

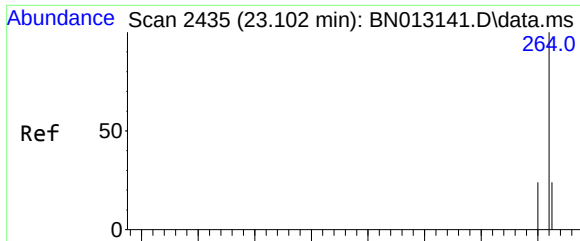
Tgt Ion:244 Resp: 2242
Ion Ratio Lower Upper
244 100
212 12.5 7.3 10.9#
122 12.8 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BN013195.D
Acq: 17 Dec 2020 20:37

Tgt Ion:149 Resp: 299
Ion Ratio Lower Upper
149 100
167 29.8 23.2 34.8
279 7.0 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: BN013195.D
 Acq: 17 Dec 2020 20:37

Instrument :
 BNA_N
 ClientSampleId :

Tgt Ion:264 Resp: 2872

Ion	Ratio	Lower	Upper
264	100		
260	27.4	19.8	29.6
265	89.8	51.4	77.0#

