

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
 Data File : BN013187.D
 Acq On : 17 Dec 2020 15:49
 Operator : CG/JU
 Sample : L5053-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 17 16:17:49 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)

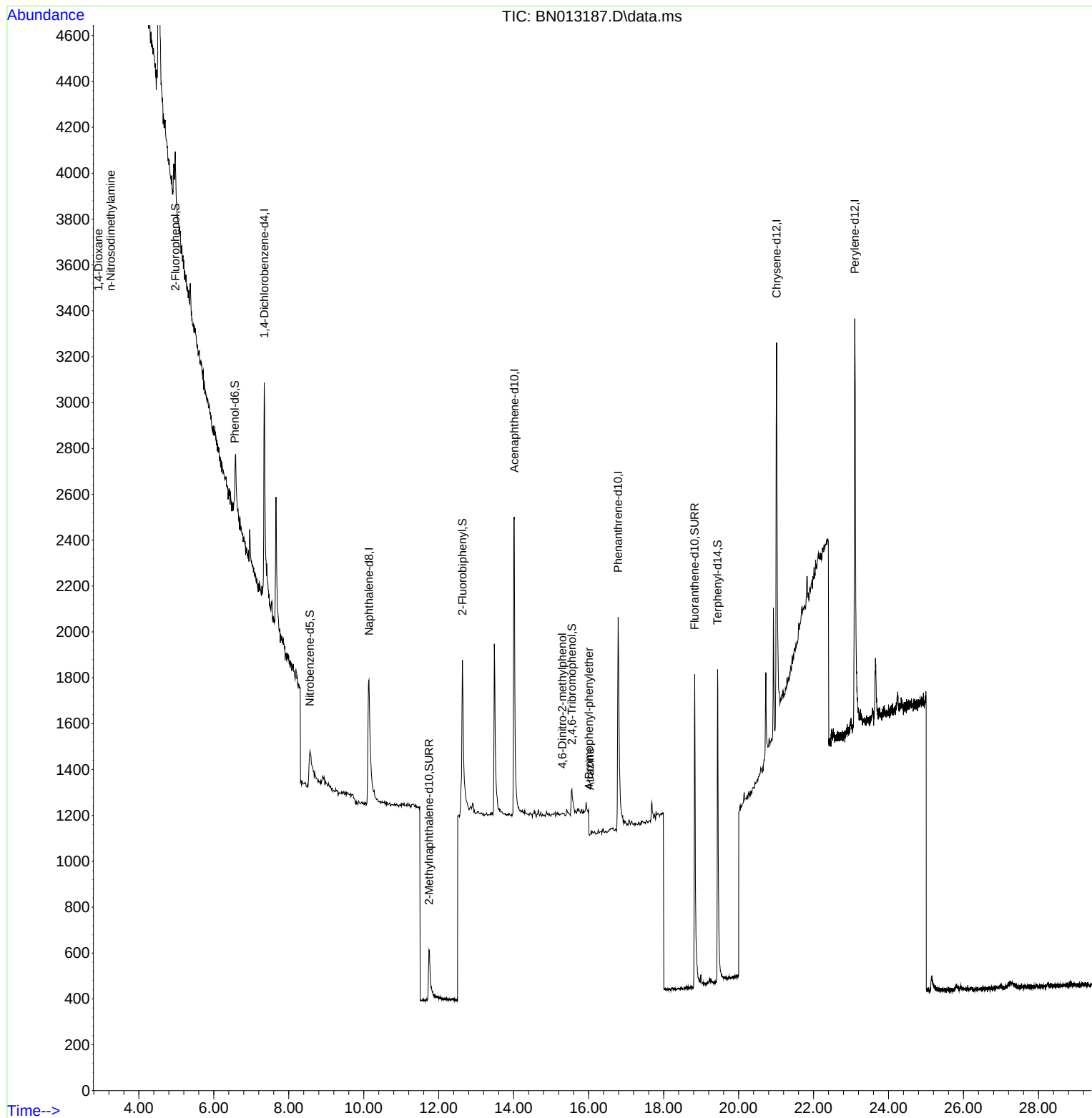
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	734	0.40	ng	# 0.00
7) Naphthalene-d8	10.137	136	1767	0.40	ng	# 0.03
13) Acenaphthene-d10	14.016	164	1211	0.40	ng	0.01
19) Phenanthrene-d10	16.787	188	2572	0.40	ng	# 0.01
29) Chrysene-d12	21.014	240	2678	0.40	ng	# 0.00
36) Perylene-d12	23.100	264	3071	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	219	0.07	ng	0.00
5) Phenol-d6	6.557	99	104	0.03	ng	0.00
8) Nitrobenzene-d5	8.566	82	448	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	11.742	152	681	0.22	ng	0.01
14) 2,4,6-Tribromophenol	15.552	330	144	0.19	ng	0.01
15) 2-Fluorobiphenyl	12.633	172	1116	0.22	ng	0.00
27) Fluoranthene-d10	18.828	212	2452	0.29	ng	0.00
31) Terphenyl-d14	19.439	244	2156	0.32	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.925	88	5738	4.48	ng	# 93
3) n-Nitrosodimethylamine	3.255	42	43	0.02	ng	# 50
20) 4,6-Dinitro-2-methylph...	15.298	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	134	0.27	ng	# 78
23) Atrazine	16.033	200	201	0.13	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.929	149	452	Below	Cal	# 98

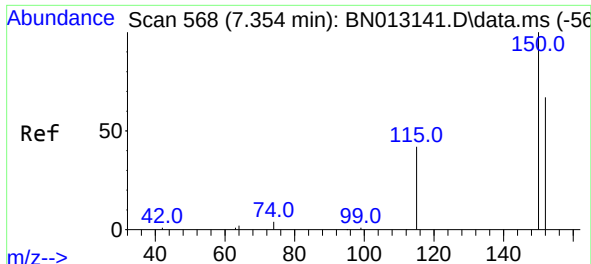
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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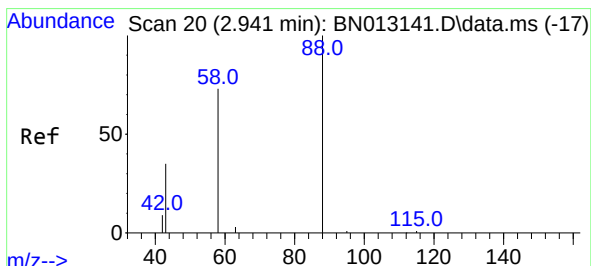
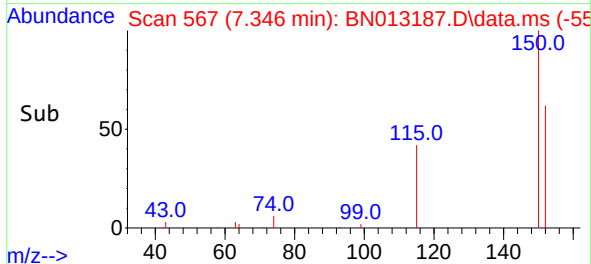
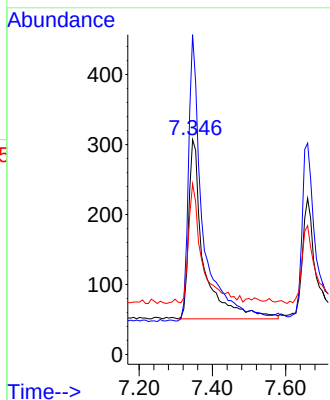
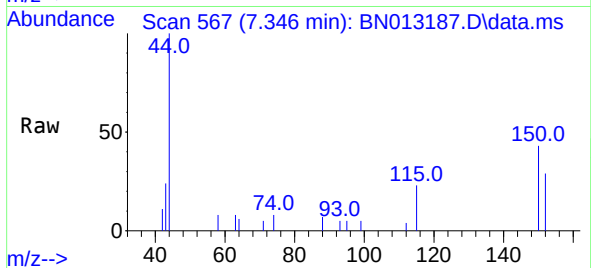




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.346 min Scan# 567
Delta R.T. -0.000 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

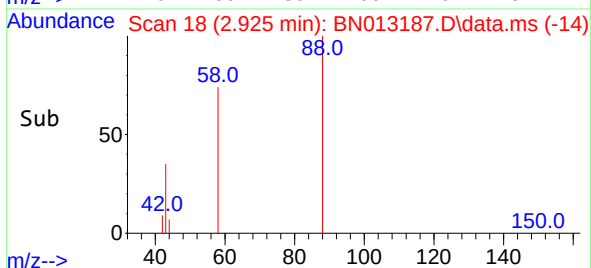
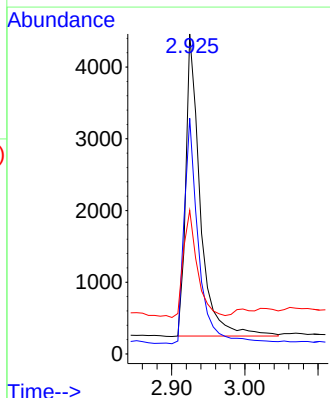
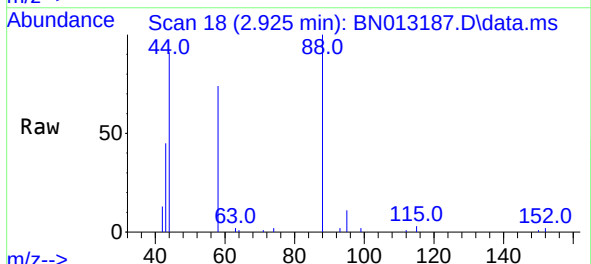
Instrument :
BNA_N
ClientSampleId :

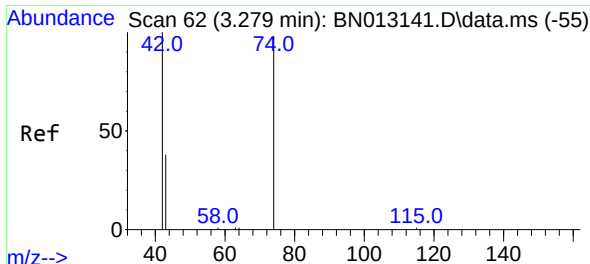
Tgt Ion:152 Resp: 734
Ion Ratio Lower Upper
152 100
150 148.9 116.6 174.8
115 79.5 52.9 79.3#



#2
1,4-Dioxane
Concen: 4.48 ng
RT: 2.925 min Scan# 18
Delta R.T. -0.016 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion: 88 Resp: 5738
Ion Ratio Lower Upper
88 100
58 70.9 59.4 89.2
43 32.1 32.3 48.5#

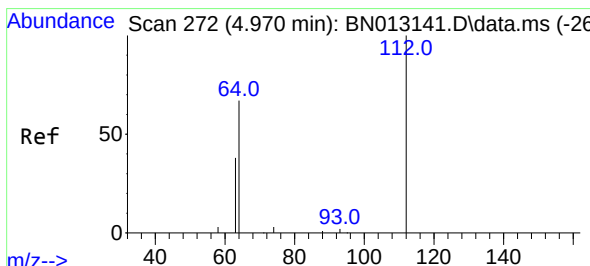
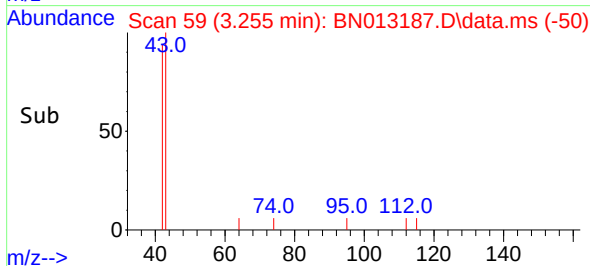
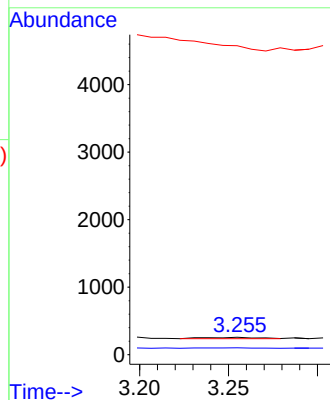
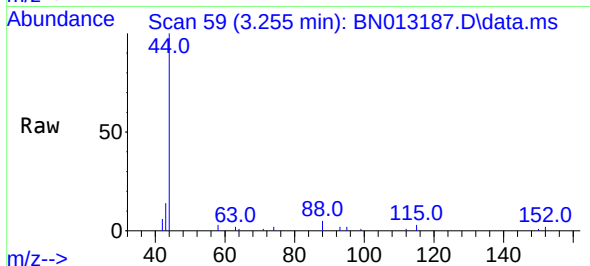




#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.255 min Scan# 59
Delta R.T. -0.024 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

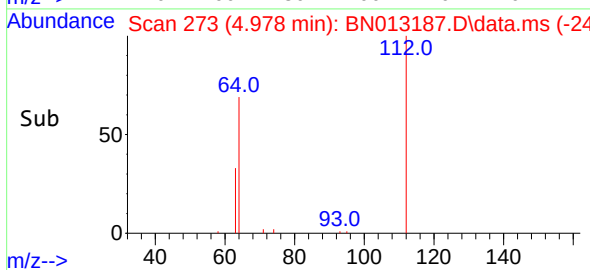
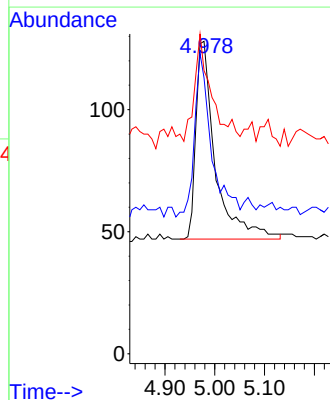
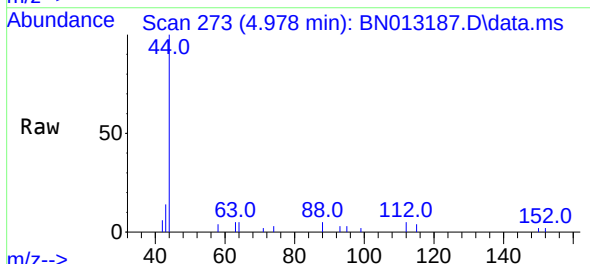
Instrument :
BNA_N
ClientSampled :

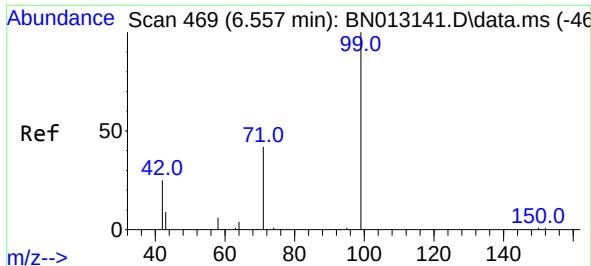
Tgt Ion: 42 Resp: 43
Ion Ratio Lower Upper
42 100
74 34.9 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.07 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion: 112 Resp: 219
Ion Ratio Lower Upper
112 100
64 72.6 49.5 74.3
63 48.4 32.0 48.0#

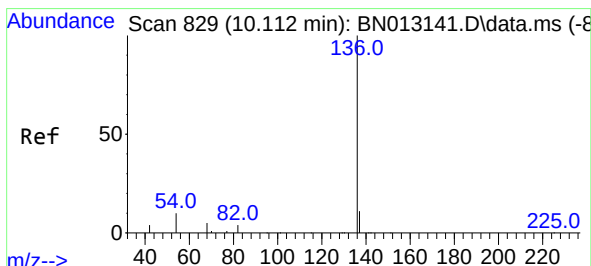
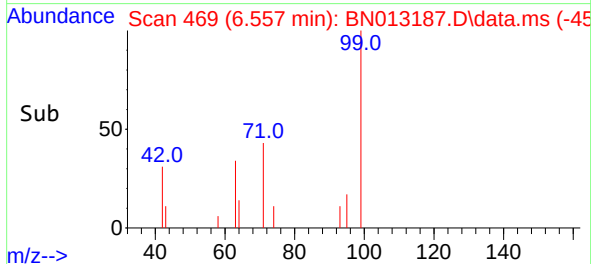
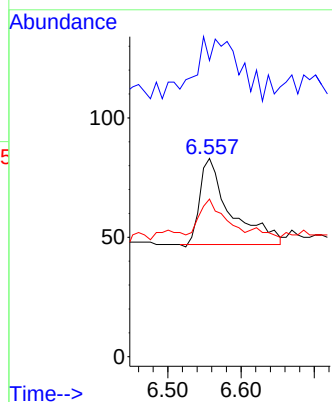
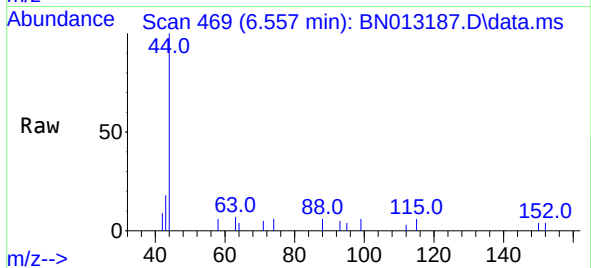




#5
Phenol-d6
Concen: 0.03 ng
RT: 6.557 min Scan# 469
Delta R.T. 0.008 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

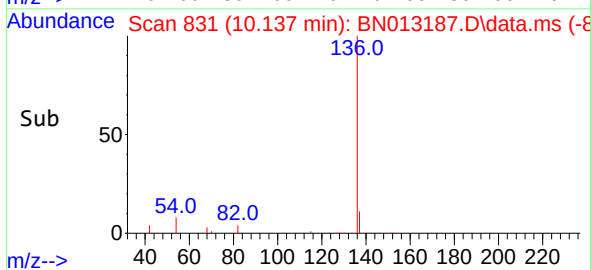
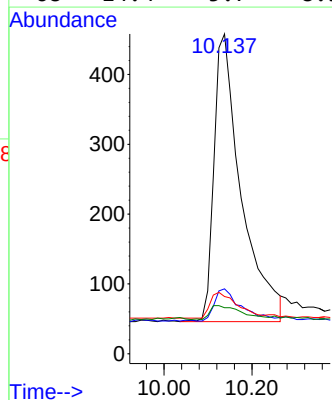
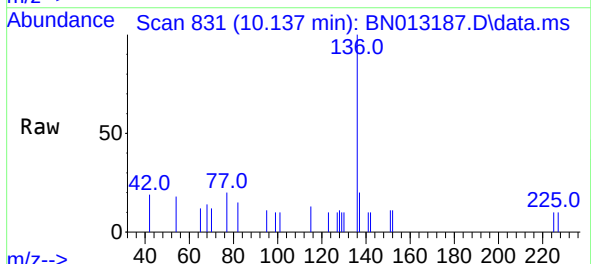
Instrument :
BNA_N
ClientSampleId :

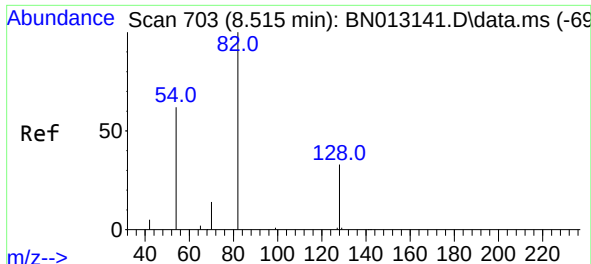
Tgt Ion: 99 Resp: 104
Ion Ratio Lower Upper
99 100
42 99.0 22.4 33.6#
71 33.7 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.026 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion: 136 Resp: 1767
Ion Ratio Lower Upper
136 100
137 20.3 10.6 15.8#
54 17.9 8.6 12.8#
68 14.4 5.7 8.5#

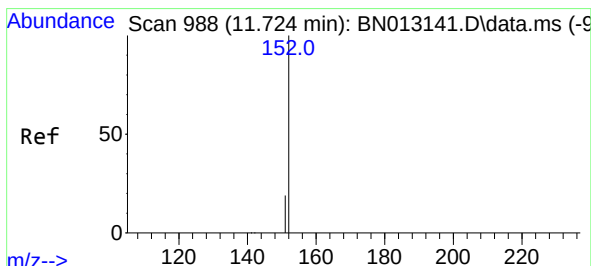
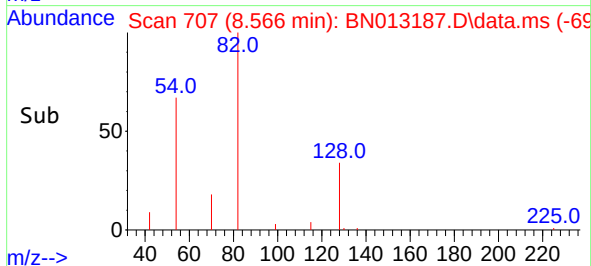
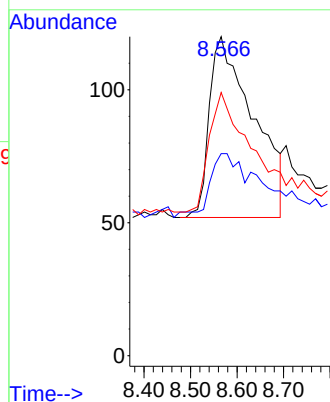
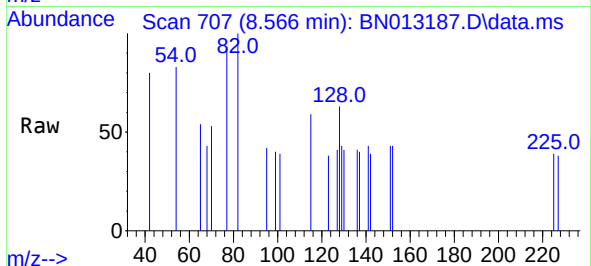




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.566 min Scan# 707
Delta R.T. 0.051 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

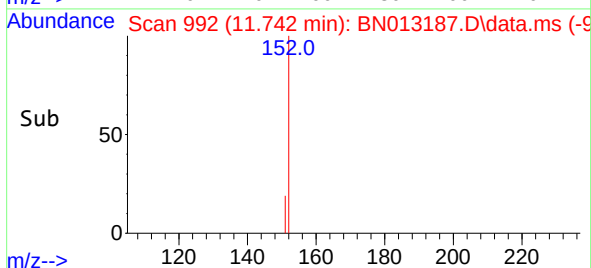
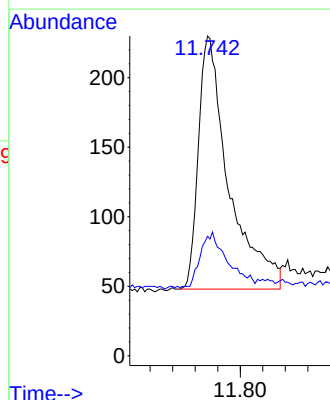
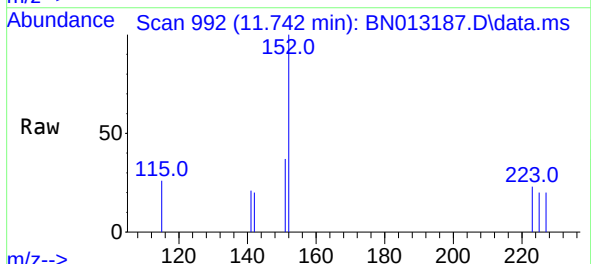
Instrument :
BNA_N
ClientSampleId :

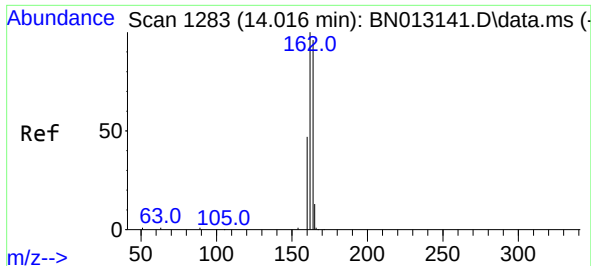
Tgt Ion: 82 Resp: 448
Ion Ratio Lower Upper
82 100
128 63.3 30.6 46.0#
54 82.5 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.22 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.014 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:152 Resp: 681
Ion Ratio Lower Upper
152 100
151 19.7 16.7 25.1

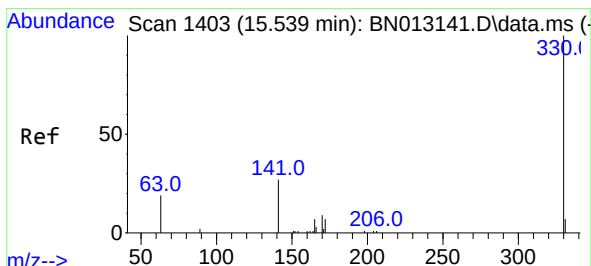
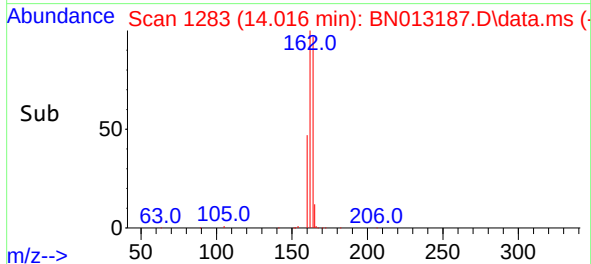
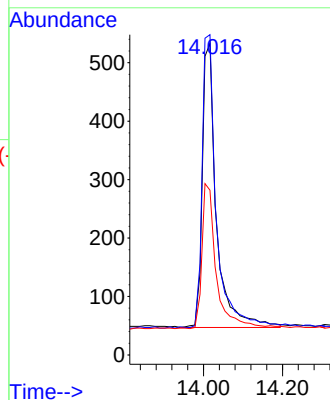
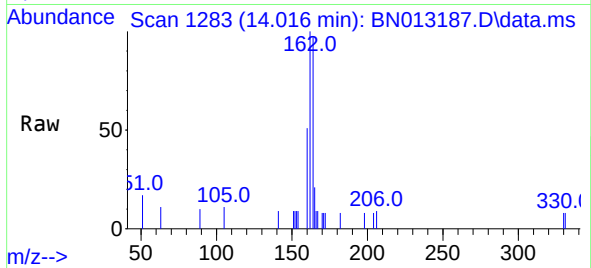




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.013 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

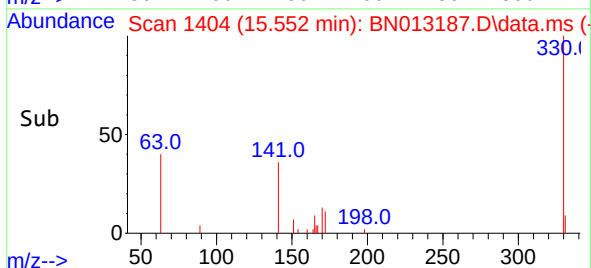
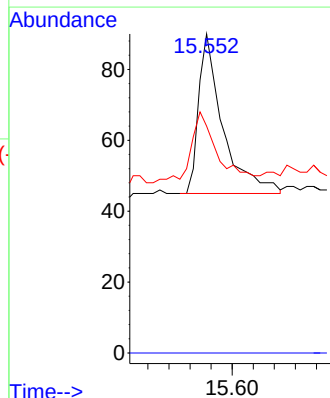
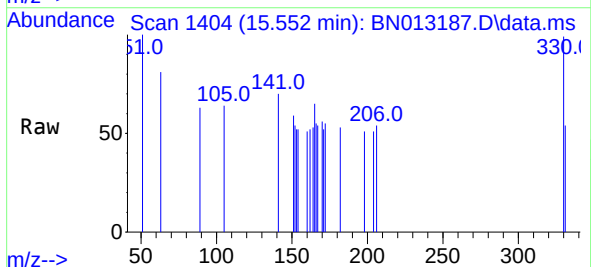
Instrument :
BNA_N
ClientSampleId :

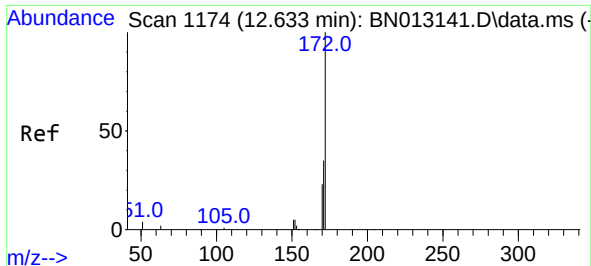
Tgt Ion:	164	Resp:	1211
Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.6	120.8
160	52.9	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.19 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.013 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:	330	Resp:	144
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	34.4	51.6

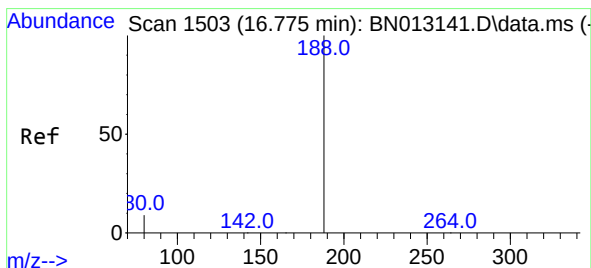
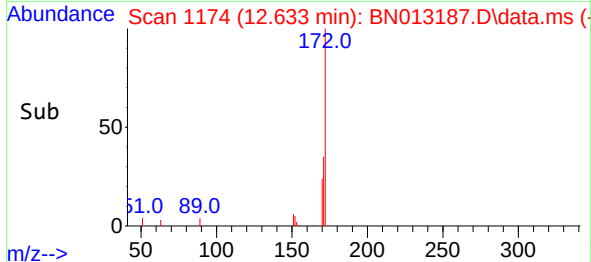
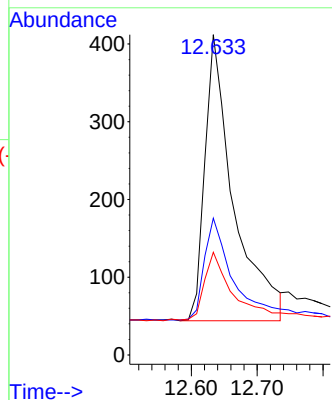
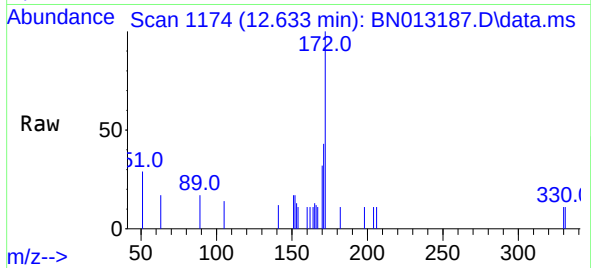




#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

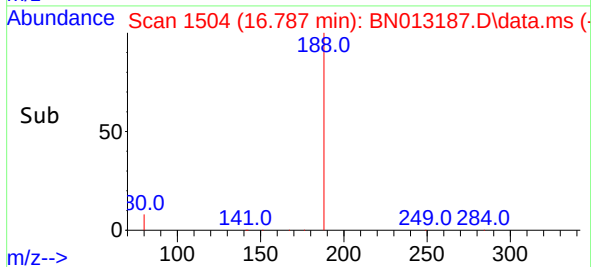
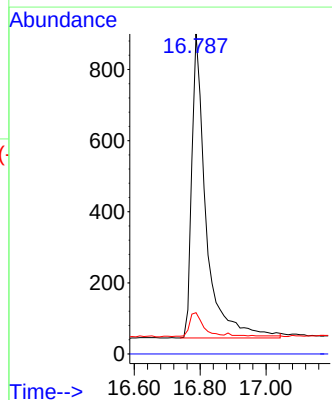
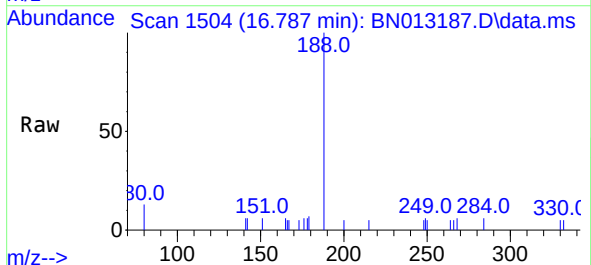
Instrument :
BNA_N
ClientSampleId :

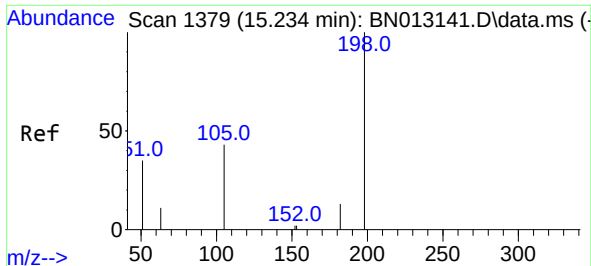
Tgt Ion:	172	Resp:	1116
Ion	Ratio	Lower	Upper
172	100		
171	42.7	28.2	42.4#
170	32.0	20.0	30.0#



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:	188	Resp:	2572
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	5.0	7.4#

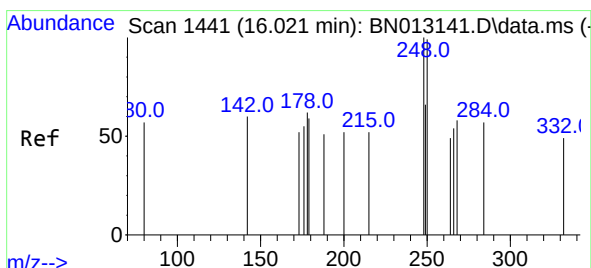
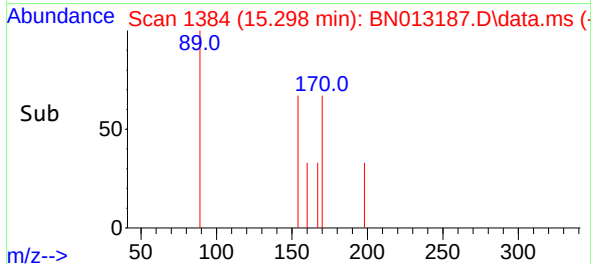
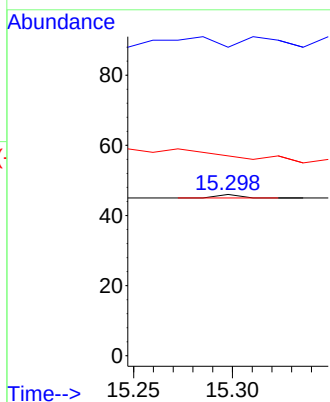
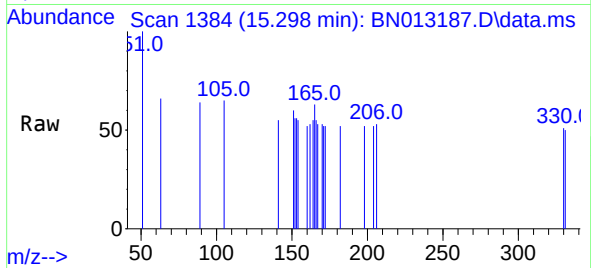




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.298 min Scan# 1384
Delta R.T. 0.051 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

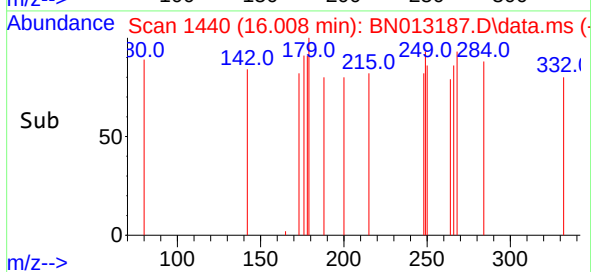
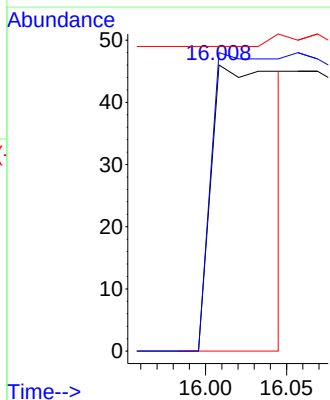
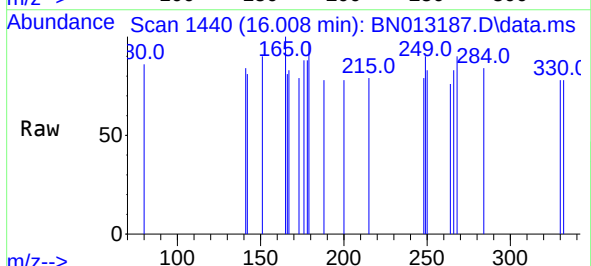
Instrument :
BNA_N
ClientSampled :

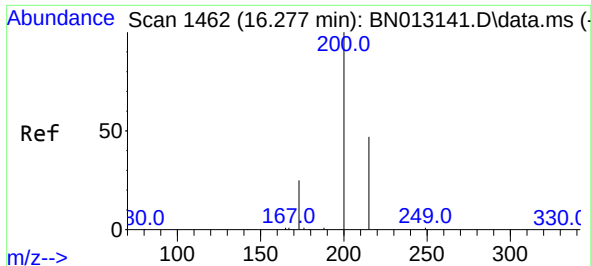
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 191.3 43.5 65.3#
105 123.9 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.27 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:248 Resp: 134
Ion Ratio Lower Upper
248 100
250 104.3 77.3 115.9
141 106.5 57.8 86.8#

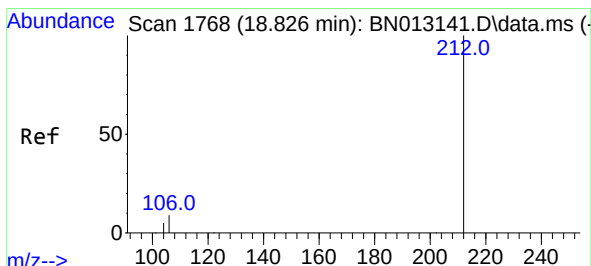
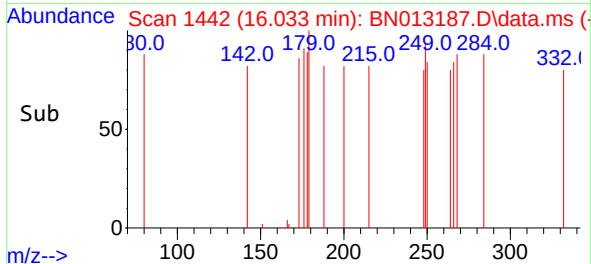
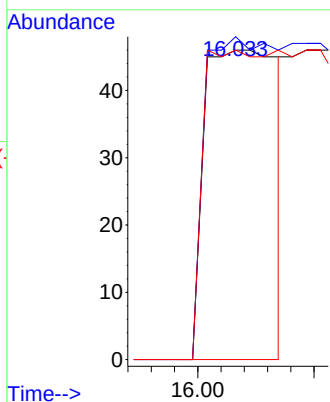
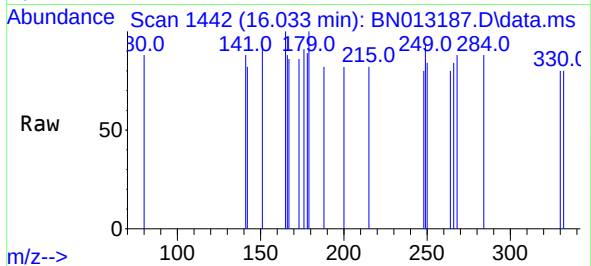




#23
Atrazine
Concen: 0.13 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.244 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

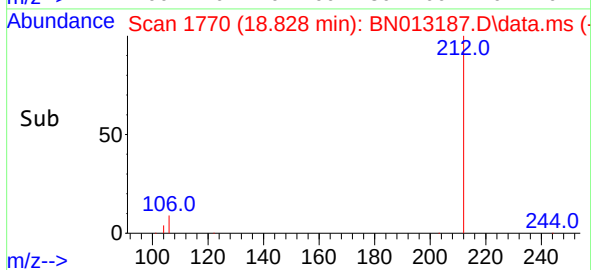
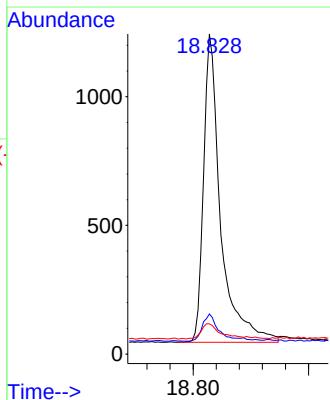
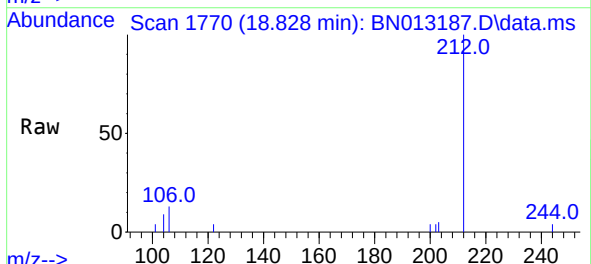
Instrument :
BNA_N
ClientSampleId :

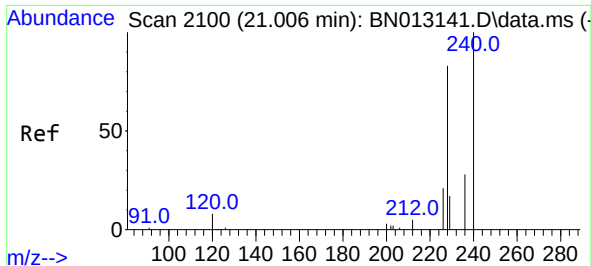
Tgt Ion:200 Resp: 201
Ion Ratio Lower Upper
200 100
173 104.3 22.8 34.2#
215 100.0 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 18.828 min Scan# 1770
Delta R.T. 0.002 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:212 Resp: 2452
Ion Ratio Lower Upper
212 100
106 8.6 6.8 10.2
104 5.2 4.1 6.1

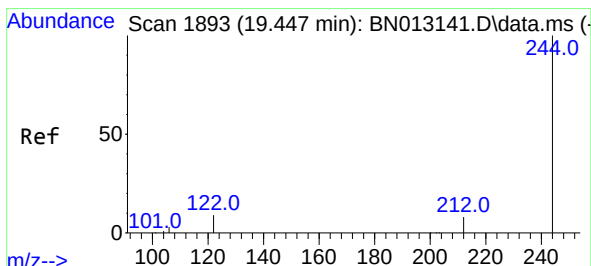
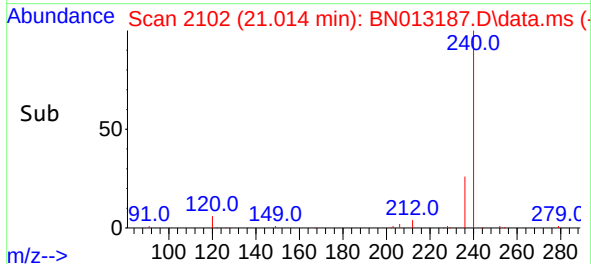
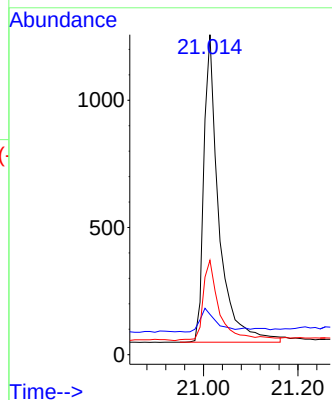
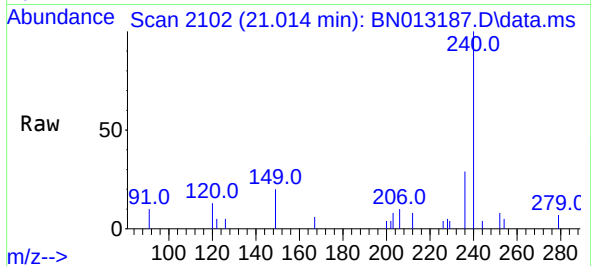




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.014 min Scan# 2102
Delta R.T. 0.008 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

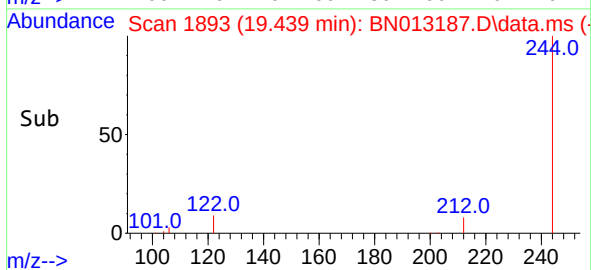
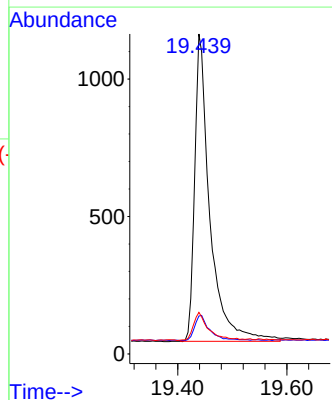
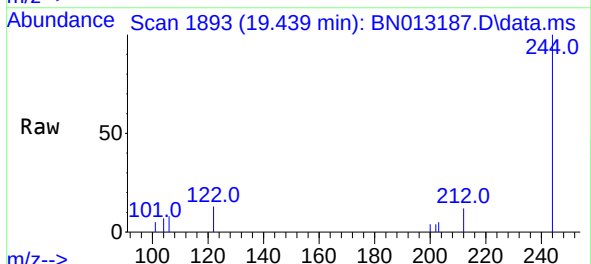
Instrument :
BNA_N
ClientSampleId :

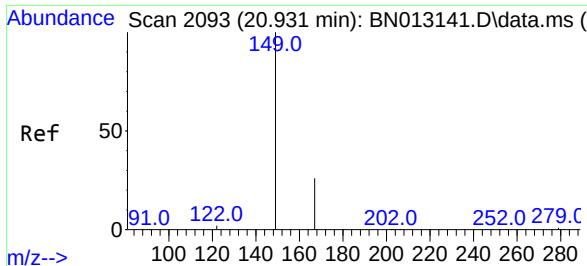
Tgt Ion:240 Resp: 2678
Ion Ratio Lower Upper
240 100
120 12.6 5.3 7.9#
236 29.5 21.8 32.8



#31
Terphenyl-d14
Concen: 0.32 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.013 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:244 Resp: 2156
Ion Ratio Lower Upper
244 100
212 11.9 7.3 10.9#
122 13.0 7.3 10.9#

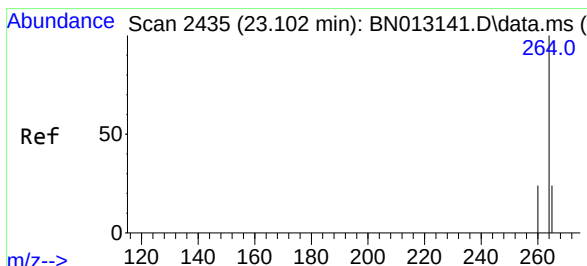
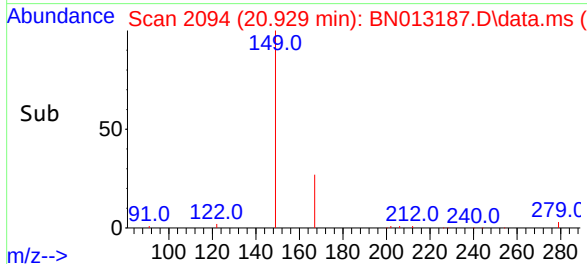
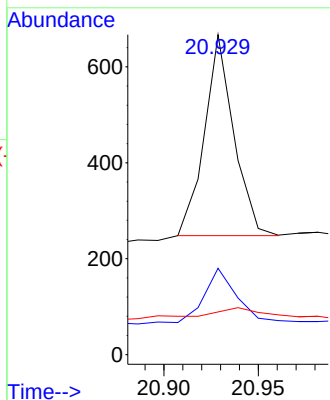
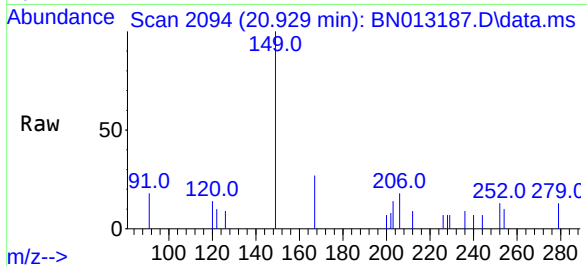




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.929 min Scan# 2094
Delta R.T. -0.003 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 452
Ion Ratio Lower Upper
149 100
167 29.6 23.2 34.8
279 6.0 3.9 5.9#



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.100 min Scan# 2436
Delta R.T. 0.001 min
Lab File: BN013187.D
Acq: 17 Dec 2020 15:49

Tgt Ion:264 Resp: 3071
Ion Ratio Lower Upper
264 100
260 27.0 19.8 29.6
265 91.2 51.4 77.0#

