

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013076.D
 Acq On : 12 Dec 2020 05:20
 Operator : CG/JU
 Sample : L5033-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-47

Quant Time: Dec 12 05:57:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 01:53:51 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

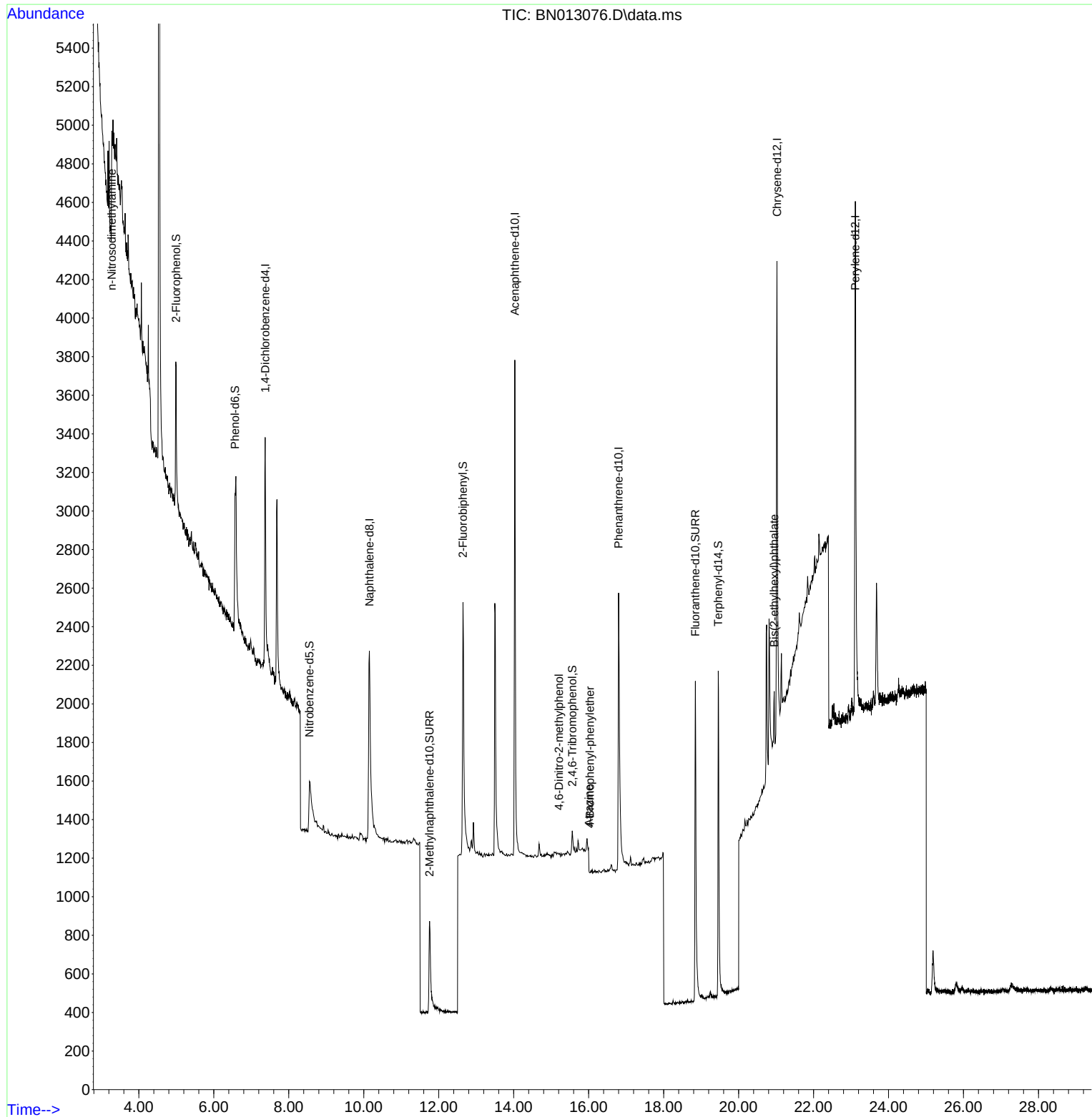
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.370	152	794	0.40	ng	0.00
7) Naphthalene-d8	10.150	136	2821	0.40	ng	# 0.01
13) Acenaphthene-d10	14.029	164	1690	0.40	ng	0.00
19) Phenanthrene-d10	16.799	188	3476	0.40	ng	# 0.00
29) Chrysene-d12	21.024	240	3448	0.40	ng	# 0.01
36) Perylene-d12	23.113	264	4089	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	700	0.25	ng	0.00
5) Phenol-d6	6.565	99	802	0.25	ng	0.00
8) Nitrobenzene-d5	8.553	82	697	0.23	ng	0.03
11) 2-Methylnaphthalene-d10	11.755	152	1269	0.25	ng	0.01
14) 2,4,6-Tribromophenol	15.564	330	166	0.15	ng	0.01
15) 2-Fluorobiphenyl	12.646	172	1852	0.25	ng	0.00
27) Fluoranthene-d10	18.848	212	3072	0.26	ng	0.00
31) Terphenyl-d14	19.459	244	2545	0.30	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.279	42	50	0.02	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.209	198	2	0.10	ng	# 1
21) 4-Bromophenyl-phenylether	16.032	248	134	0.17	ng	# 75
23) Atrazine	16.008	200	236	0.11	ng	# 1
34) Bis(2-ethylhexyl)phtha...	20.950	149	291	0.04	ng	99

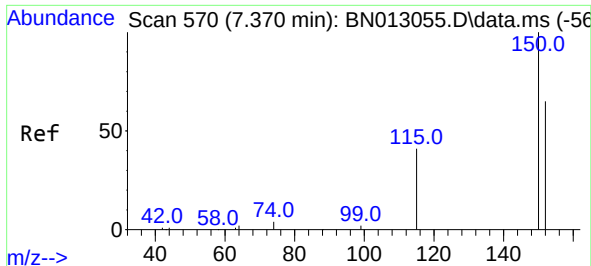
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 6 Sample Multiplier: 1

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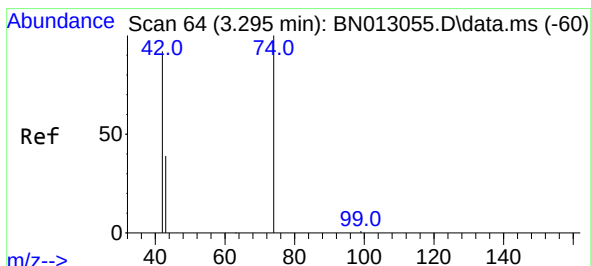
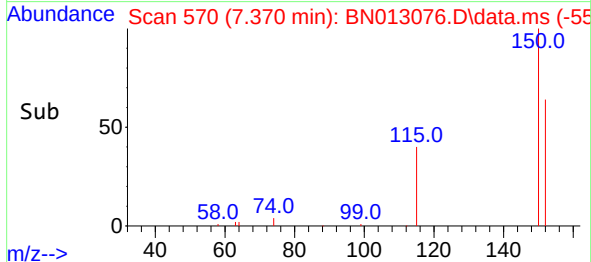
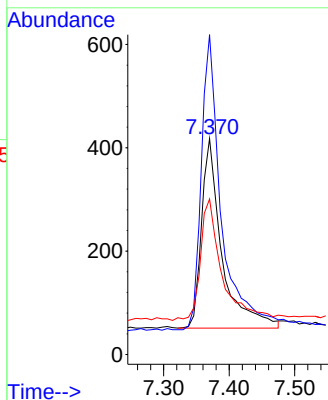
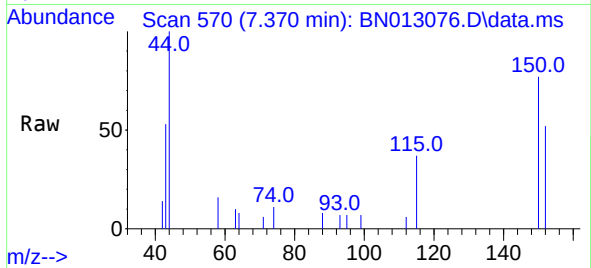


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.370 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: BN013076.D
 Acq: 12 Dec 2020 05:20

Instrument :
 BNA_N
 ClientSampled :
 CS-47

Tgt Ion: 152 Resp: 794

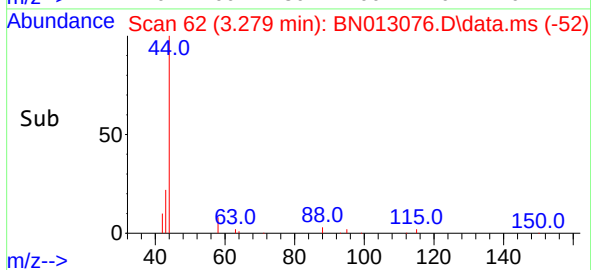
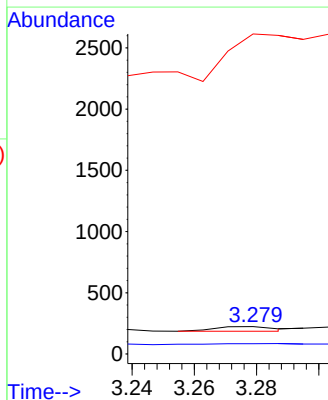
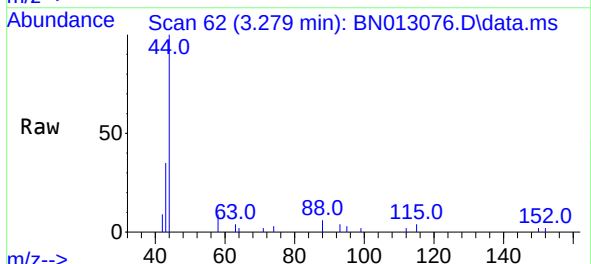
Ion	Ratio	Lower	Upper
152	100		
150	148.1	116.6	174.8
115	72.0	52.9	79.3

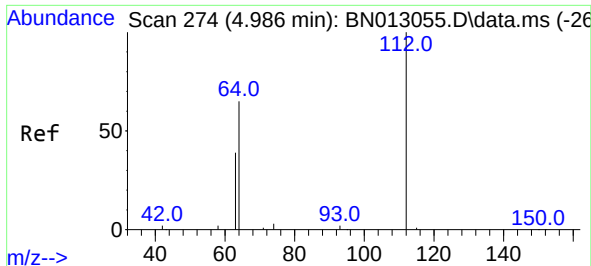


#3
 n-Nitrosodimethylamine
 Concen: 0.02 ng
 RT: 3.279 min Scan# 62
 Delta R.T. -0.016 min
 Lab File: BN013076.D
 Acq: 12 Dec 2020 05:20

Tgt Ion: 42 Resp: 50

Ion	Ratio	Lower	Upper
42	100		
74	38.0	64.4	96.6#
44	940.0	2.8	4.2#

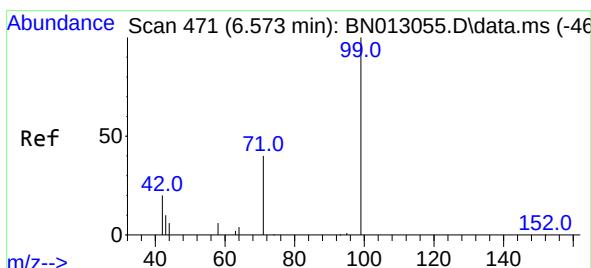
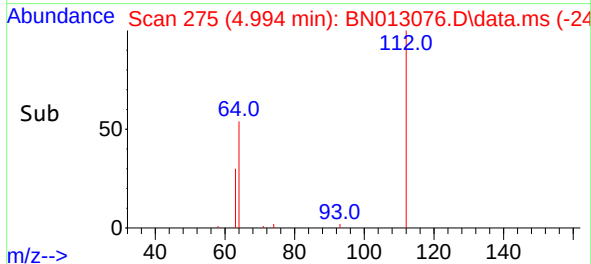
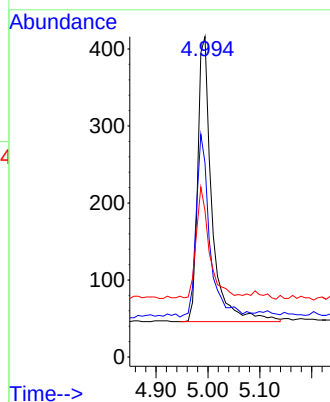
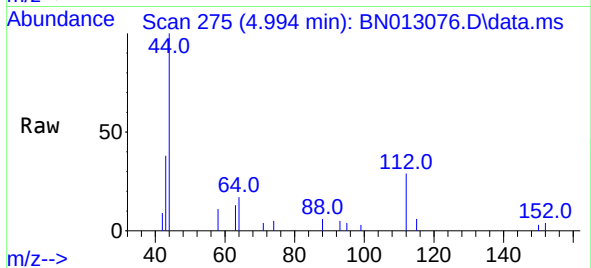




#4
2-Fluorophenol
Concen: 0.25 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

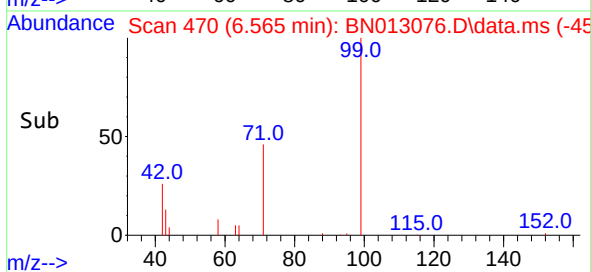
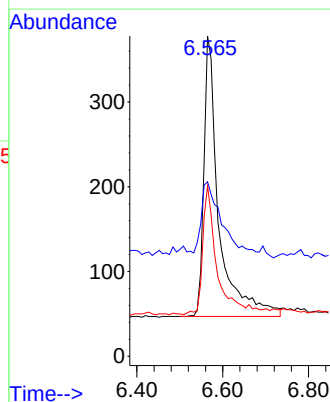
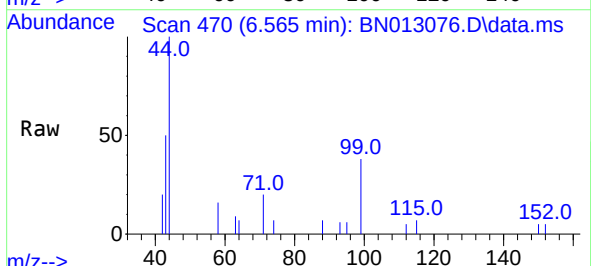
Instrument :
BNA_N
ClientSampleId :
CS-47

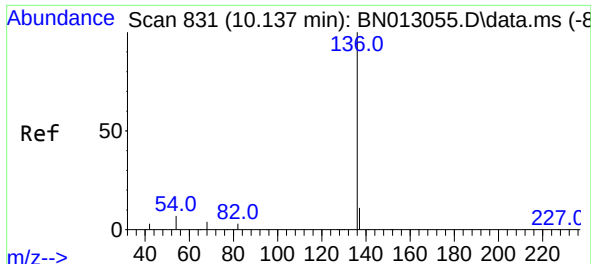
Tgt Ion:	112	Resp:	700
Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.5	74.3
63	36.9	32.0	48.0



#5
Phenol-d6
Concen: 0.25 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

Tgt Ion:	99	Resp:	802
Ion	Ratio	Lower	Upper
99	100		
42	32.2	22.4	33.6
71	44.4	37.8	56.6



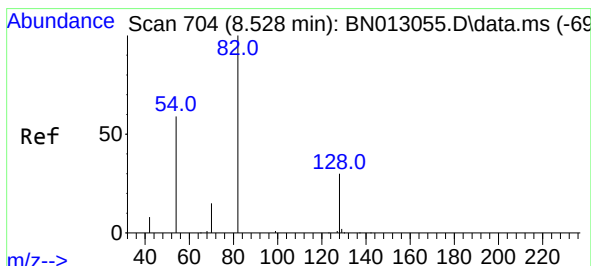
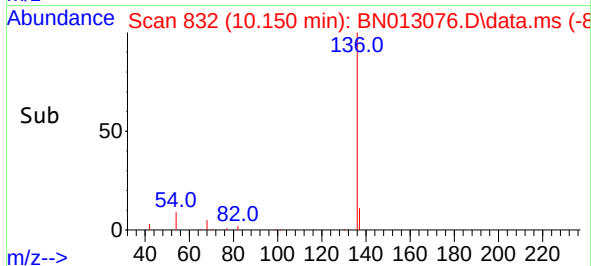
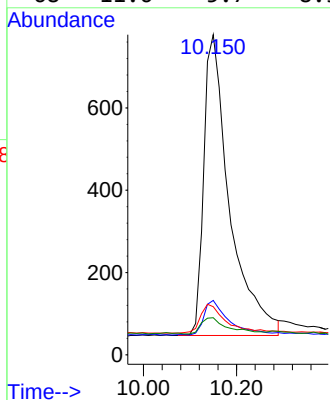
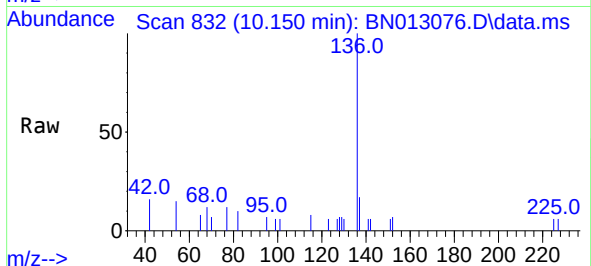


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.150 min Scan# 832
Delta R.T. 0.013 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

Instrument :
BNA_N
ClientSampled :
CS-47

Tgt Ion: 136 Resp: 2821

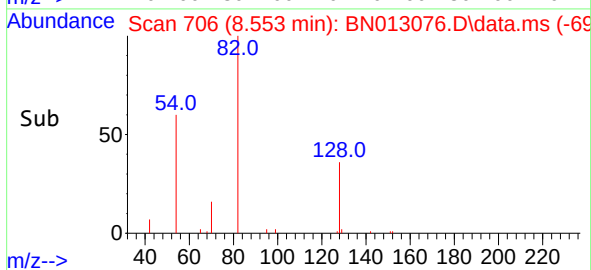
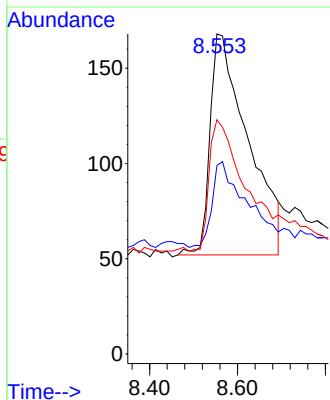
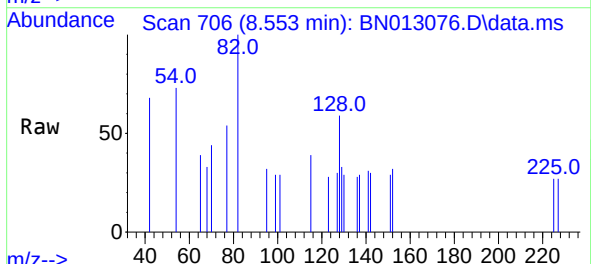
Ion	Ratio	Lower	Upper
136	100		
137	17.0	10.6	15.8#
54	15.0	8.6	12.8#
68	11.6	5.7	8.5#

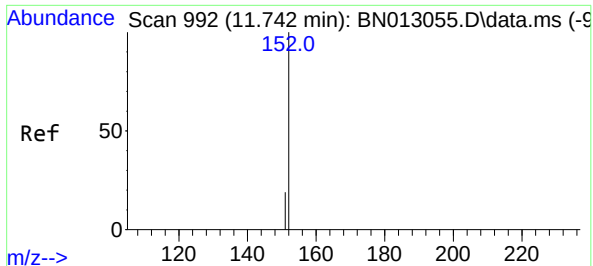


#8
Nitrobenzene-d5
Concen: 0.23 ng
RT: 8.553 min Scan# 706
Delta R.T. 0.025 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

Tgt Ion: 82 Resp: 697

Ion	Ratio	Lower	Upper
82	100		
128	58.9	30.6	46.0#
54	73.2	48.3	72.5#

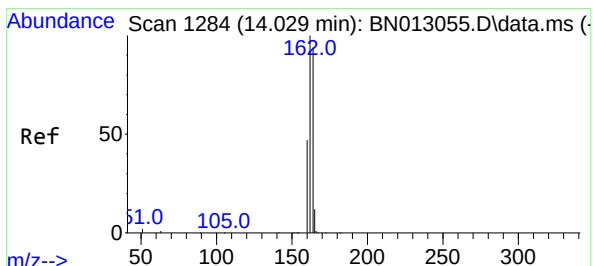
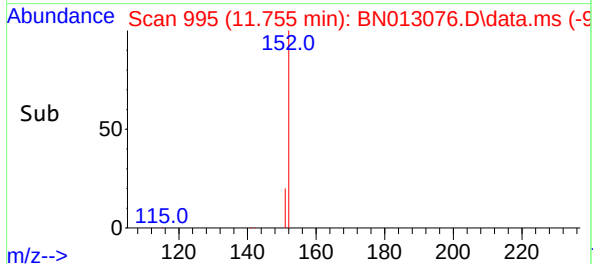
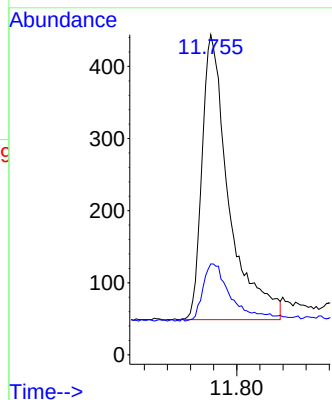
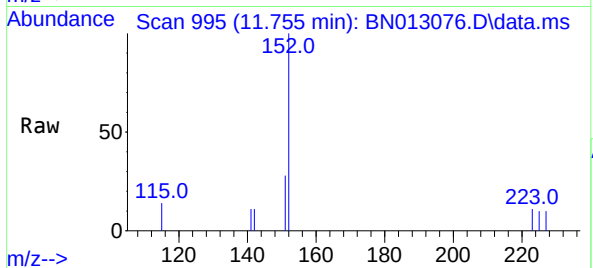




#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.755 min Scan# 995
Delta R.T. 0.013 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

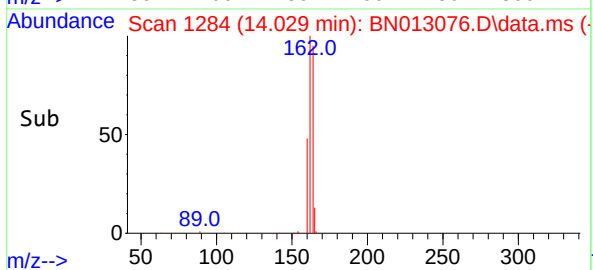
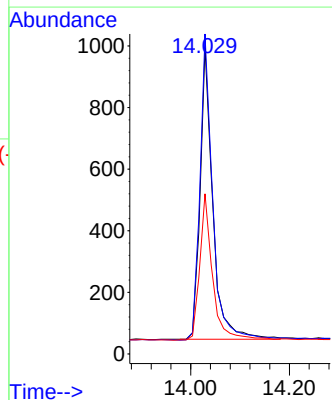
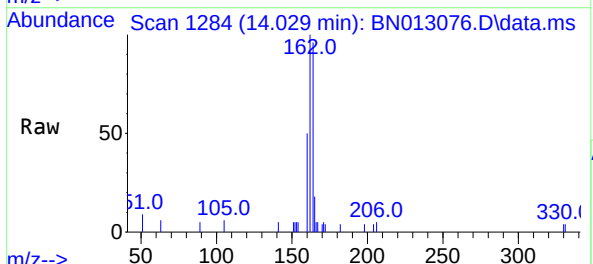
Instrument :
BNA_N
ClientSampled :
CS-47

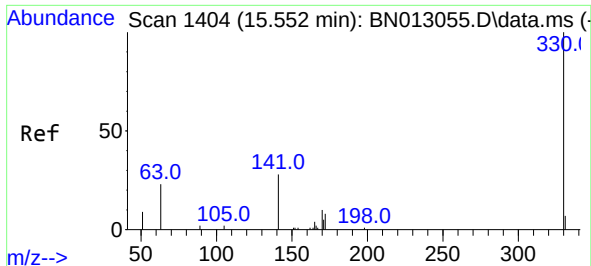
Tgt Ion:152 Resp: 1269
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

Tgt Ion:164 Resp: 1690
Ion Ratio Lower Upper
164 100
162 104.3 80.6 120.8
160 52.2 39.5 59.3

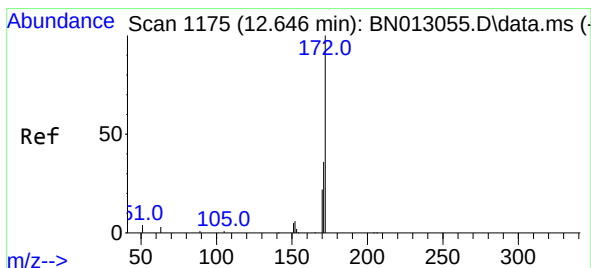
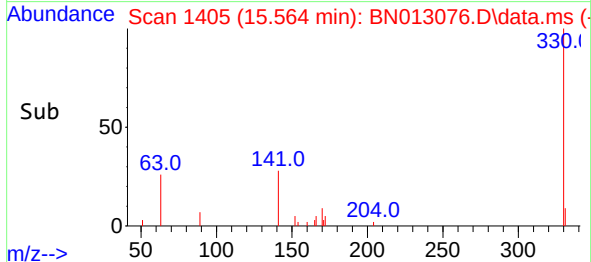
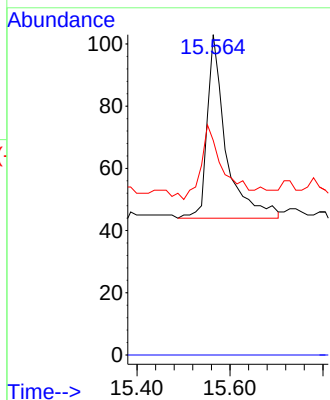
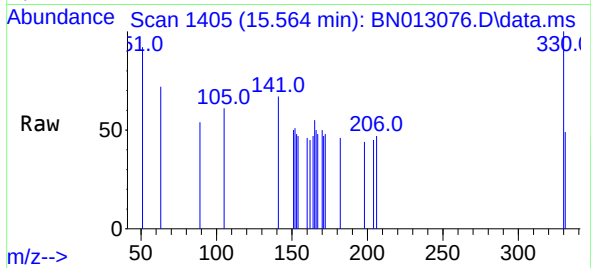




#14
2,4,6-Tribromophenol
Concen: 0.15 ng
RT: 15.564 min Scan# 1405
Delta R.T. 0.013 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

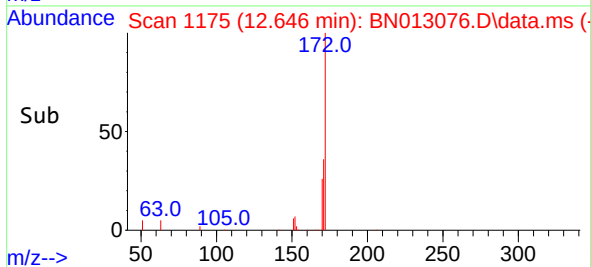
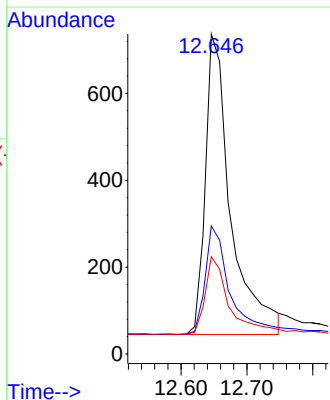
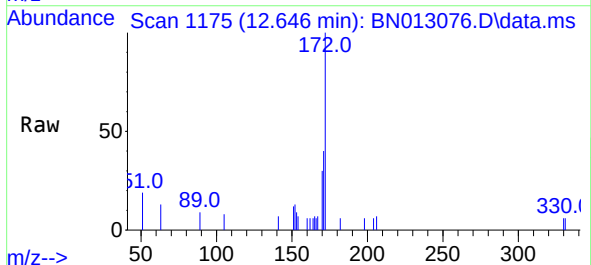
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BNA_N
ClientSampleId :
CS-47

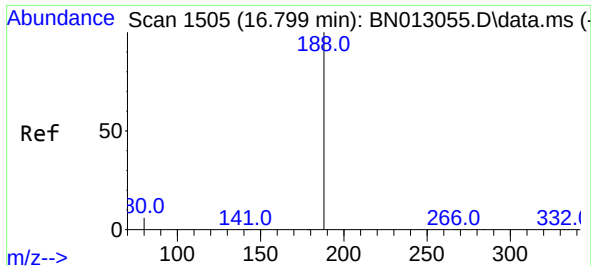
Tgt Ion:330 Resp: 166
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.2 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.646 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

Tgt Ion:172 Resp: 1852
Ion Ratio Lower Upper
172 100
171 40.0 28.2 42.4
170 30.4 20.0 30.0#

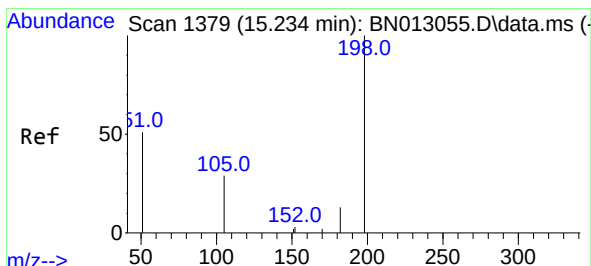
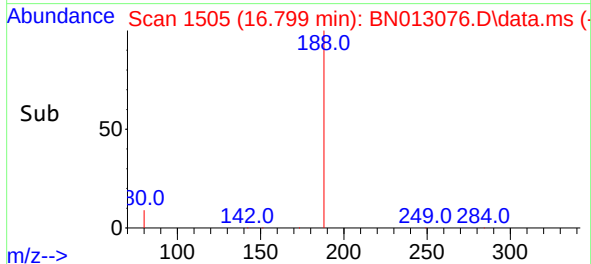
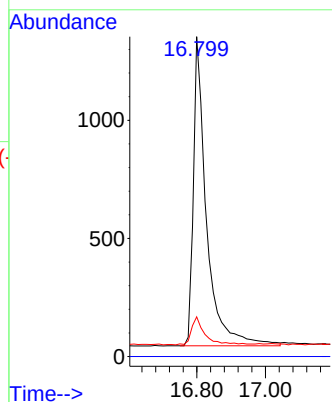
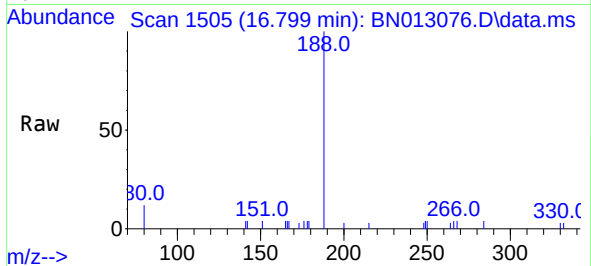




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.799 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

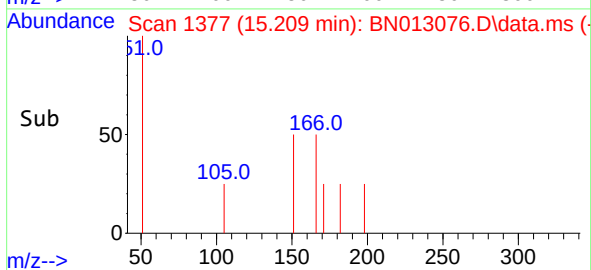
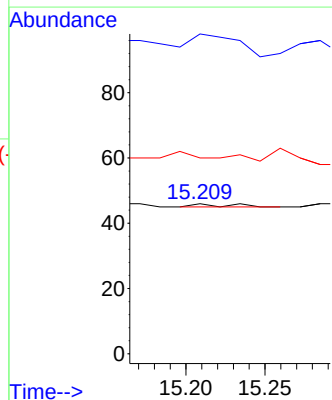
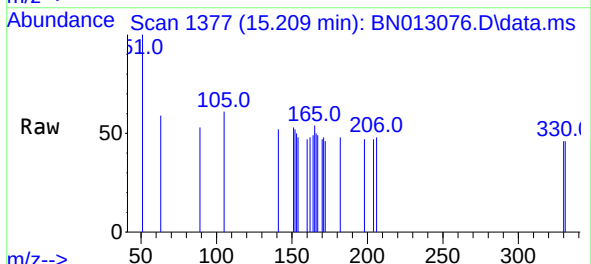
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BNA_N
ClientSampleId :
CS-47

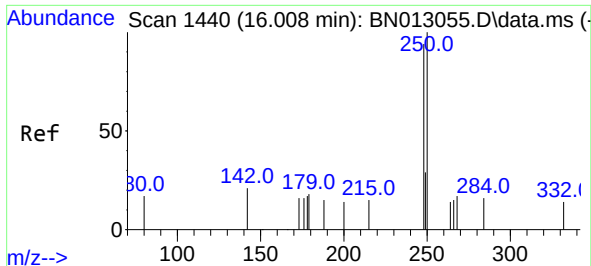
Tgt Ion:188	Resp:	3476
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	12.4	5.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.209 min Scan# 1377
Delta R.T. -0.025 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

Tgt Ion:198	Resp:	2
Ion Ratio	Lower	Upper
198	100	
51	213.0	43.5
105	130.4	27.2

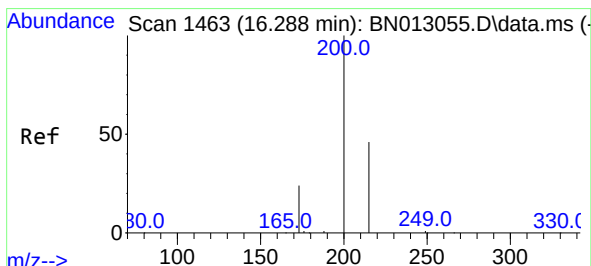
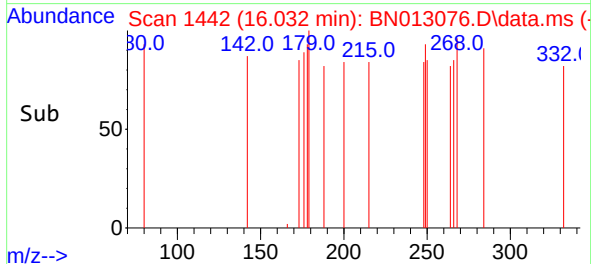
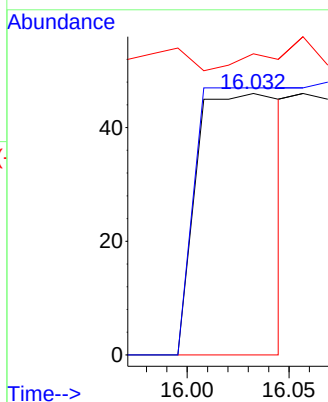
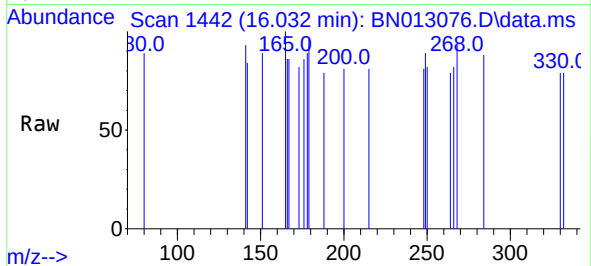




#21
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.032 min Scan# 1442
Delta R.T. 0.024 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

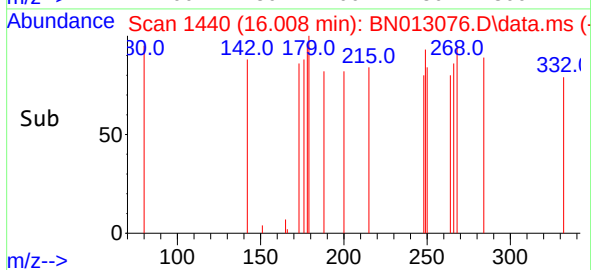
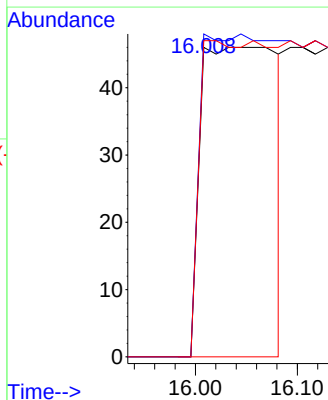
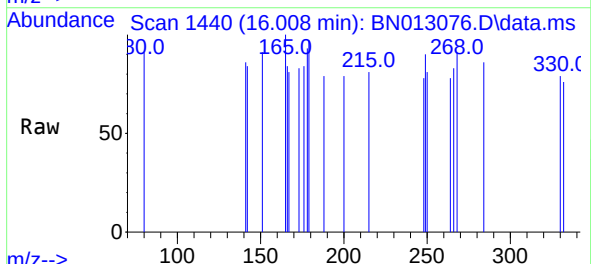
Instrument :
BNA_N
ClientSampled :
CS-47

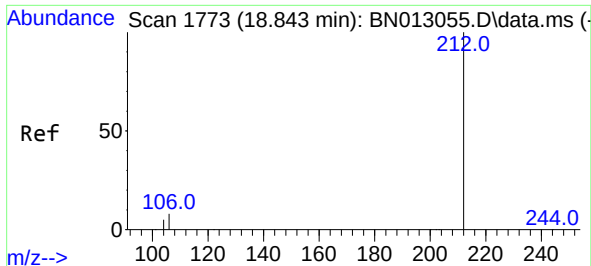
Tgt Ion:248 Resp: 134
Ion Ratio Lower Upper
248 100
250 102.2 77.3 115.9
141 115.2 57.8 86.8#



#23
Atrazine
Concen: 0.11 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.280 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

Tgt Ion:200 Resp: 236
Ion Ratio Lower Upper
200 100
173 104.3 22.8 34.2#
215 102.2 38.1 57.1#

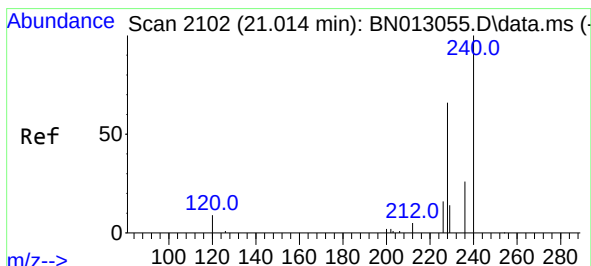
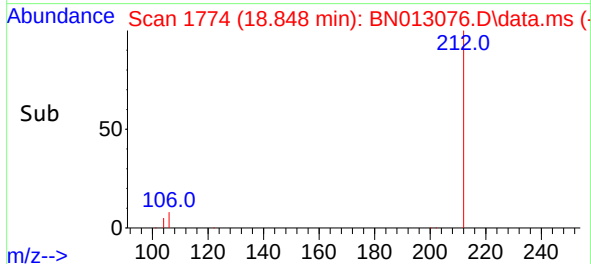
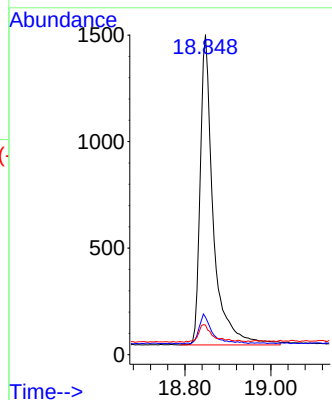
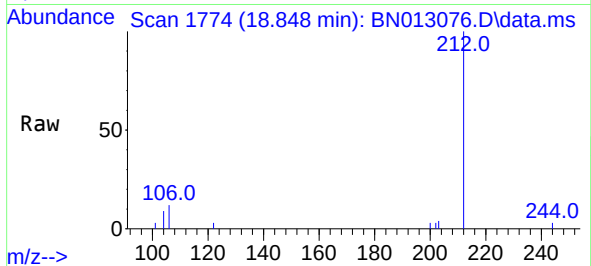




#27
Fluoranthene-d10
Concen: 0.26 ng
RT: 18.848 min Scan# 1774
Delta R.T. 0.005 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

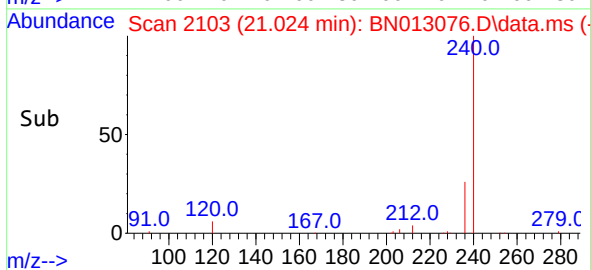
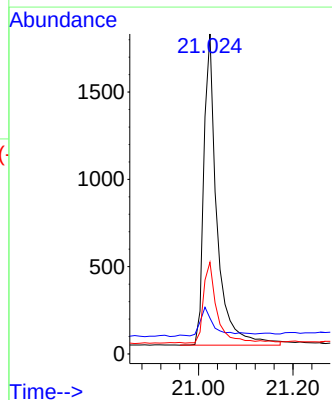
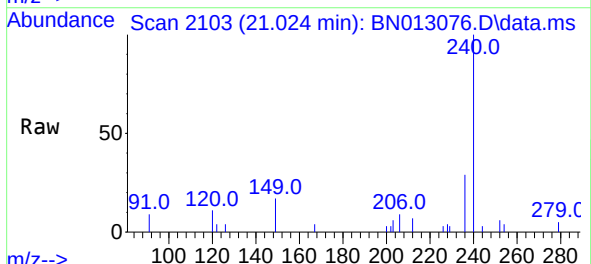
Instrument :
BNA_N
ClientSampleId :
CS-47

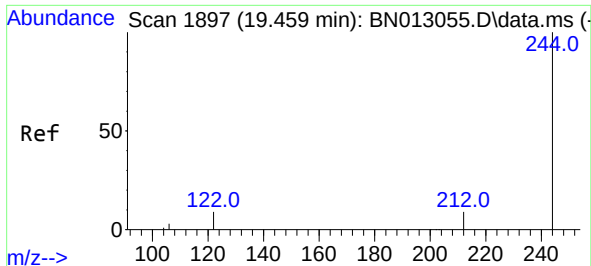
Tgt Ion:212 Resp: 3072
Ion Ratio Lower Upper
212 100
106 9.0 6.8 10.2
104 6.1 4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.024 min Scan# 2103
Delta R.T. 0.010 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

Tgt Ion:240 Resp: 3448
Ion Ratio Lower Upper
240 100
120 11.2 5.3 7.9#
236 28.6 21.8 32.8

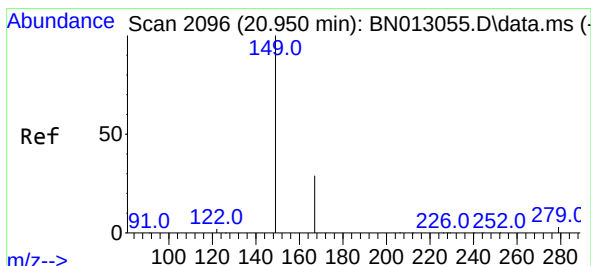
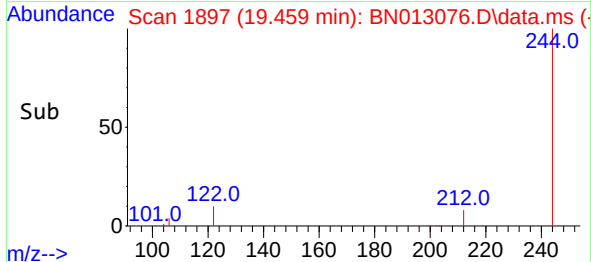
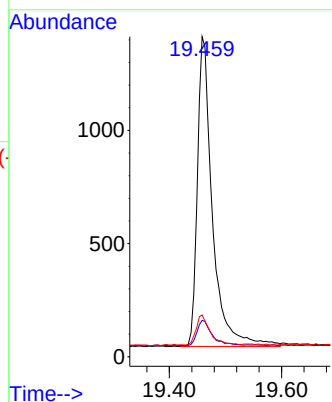
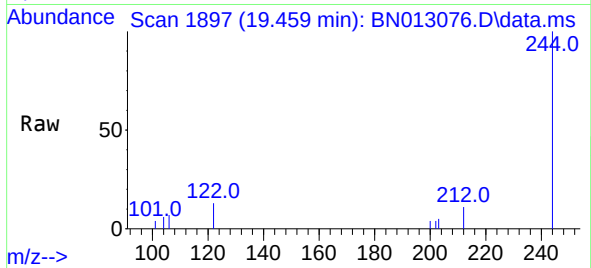




#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.459 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

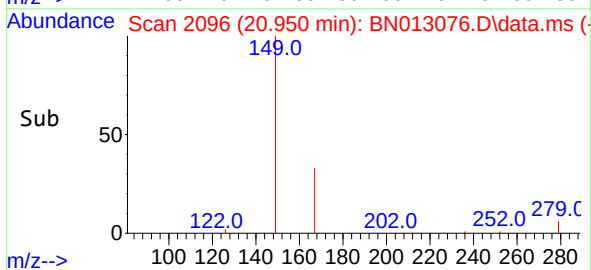
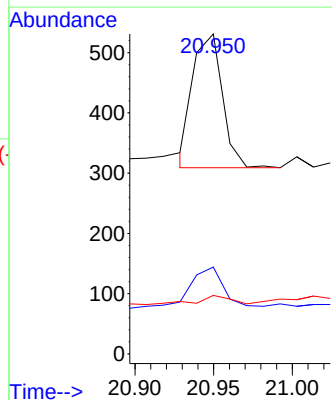
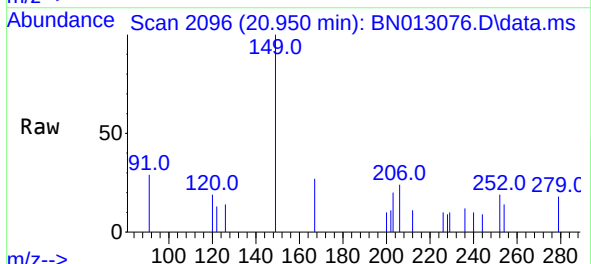
Instrument :
BNA_N
ClientSampled :
CS-47

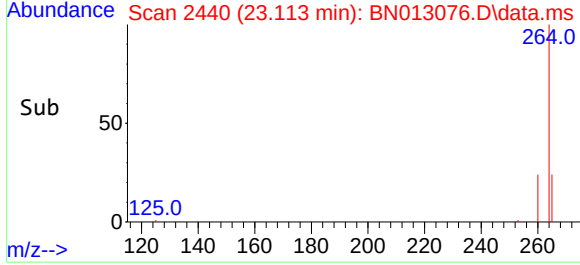
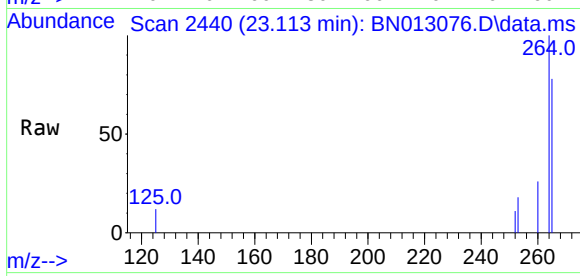
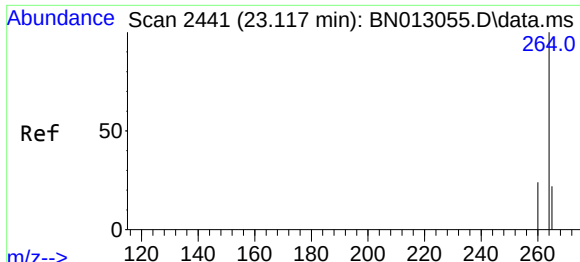
Tgt Ion:244 Resp: 2545
Ion Ratio Lower Upper
244 100
212 11.4 7.3 10.9#
122 13.1 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.04 ng
RT: 20.950 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN013076.D
Acq: 12 Dec 2020 05:20

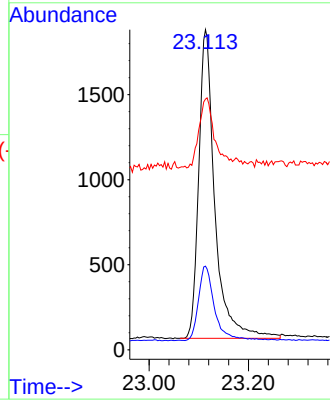
Tgt Ion:149 Resp: 291
Ion Ratio Lower Upper
149 100
167 28.5 23.2 34.8
279 4.8 3.9 5.9





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.113 min Scan# 2440
 Delta R.T. -0.004 min
 Lab File: BN013076.D
 Acq: 12 Dec 2020 05:20

Tgt Ion:264	Resp:	4089
Ion Ratio	Lower	Upper
264	100	
260	26.1	19.8 29.6
265	78.3	51.4 77.0#



Instrument :
 BNA_N
 ClientSampleId :
 CS-47