

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
 Data File : BN013153.D
 Acq On : 16 Dec 2020 05:20
 Operator : CG/JU
 Sample : L4996-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20201207

Quant Time: Dec 16 06:42:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 16:49:20 2020
 Response via : Initial Calibration

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

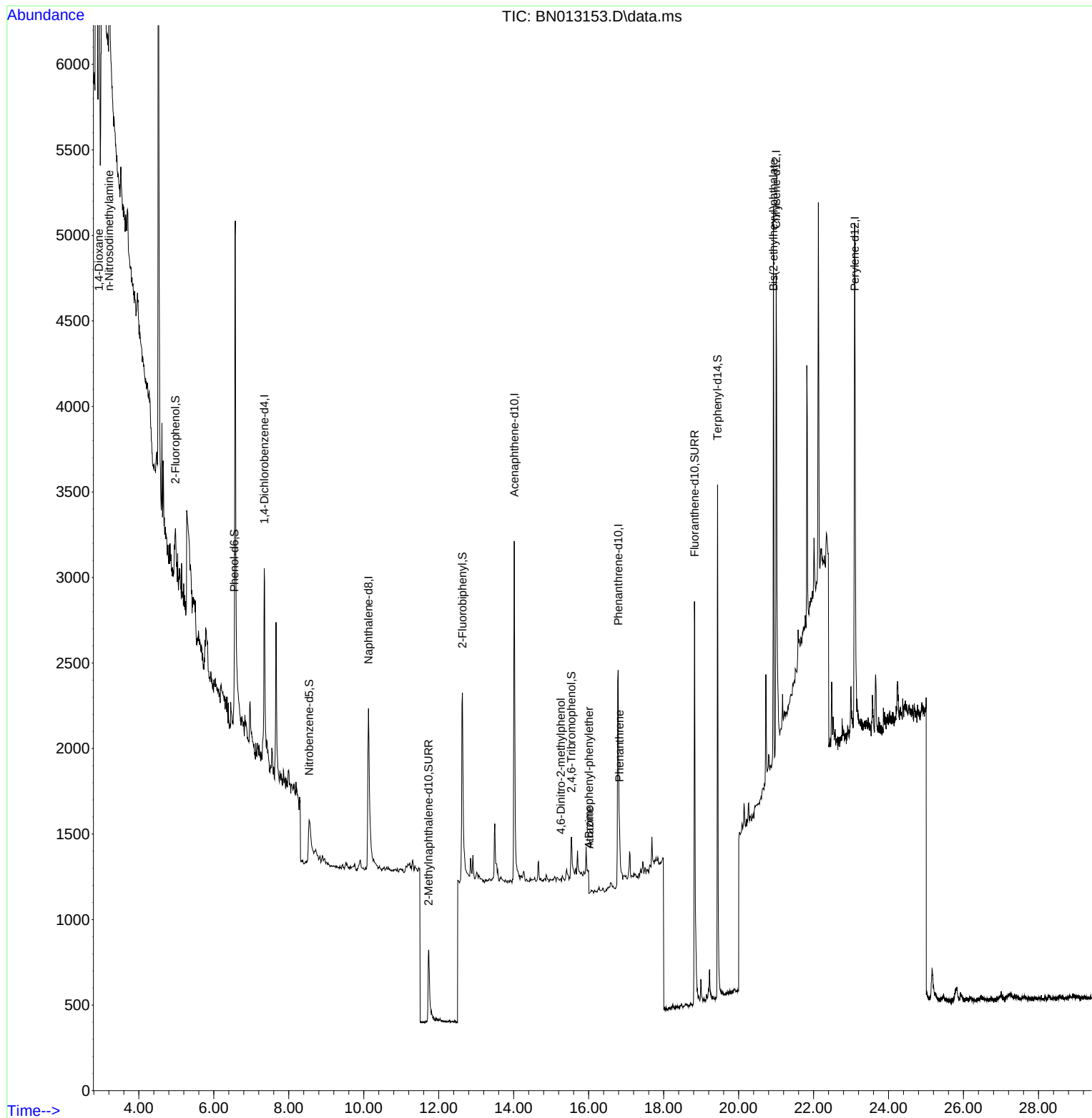
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.346	152	725	0.40	ng	0.00
7) Naphthalene-d8	10.125	136	2336	0.40	ng	# 0.01
13) Acenaphthene-d10	14.016	164	1479	0.40	ng	0.00
19) Phenanthrene-d10	16.787	188	3113	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	3658	0.40	ng	# 0.00
36) Perylene-d12	23.096	264	4359	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.978	112	281	0.09	ng	0.00
5) Phenol-d6	6.549	99	191	0.06	ng	0.00
8) Nitrobenzene-d5	8.541	82	630	0.26	ng	0.03
11) 2-Methylnaphthalene-d10	11.729	152	1112	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.539	330	269	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.633	172	1705	0.27	ng	0.00
27) Fluoranthene-d10	18.823	212	3635	0.35	ng	0.00
31) Terphenyl-d14	19.439	244	3607	0.39	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.933	88	5384	4.26	ng	# 92
3) n-Nitrosodimethylamine	3.207	42	342	0.16	ng	# 15
20) 4,6-Dinitro-2-methylph...	15.260	198	2	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	169	0.28	ng	# 71
23) Atrazine	16.021	200	206	0.11	ng	# 3
25) Phenanthrene	16.824	178	253	0.02	ng	# 87
34) Bis(2-ethylhexyl)phtha...	20.929	149	2688	0.14	ng	97

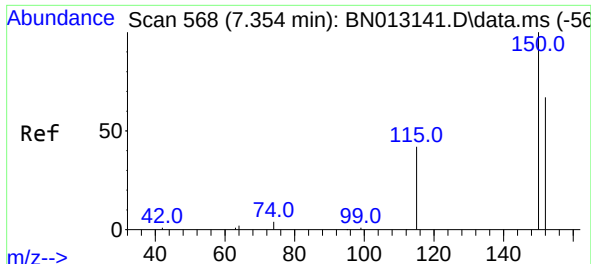
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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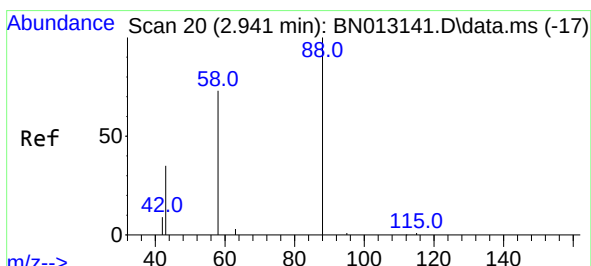
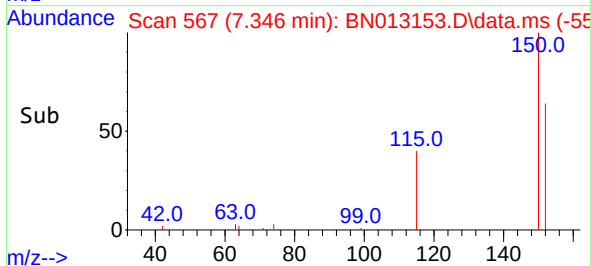
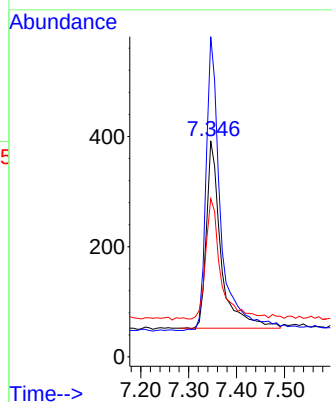
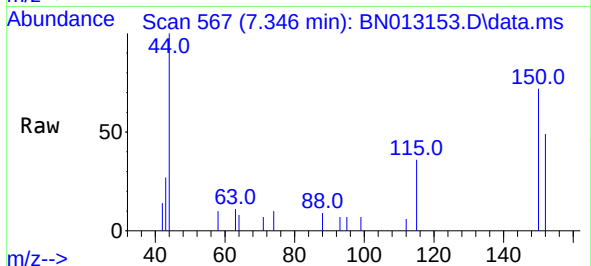


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.346 min Scan# 567
 Delta R.T. -0.008 min
 Lab File: BN013153.D
 Acq: 16 Dec 2020 05:20

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20201207

Tgt Ion: 152 Resp: 725

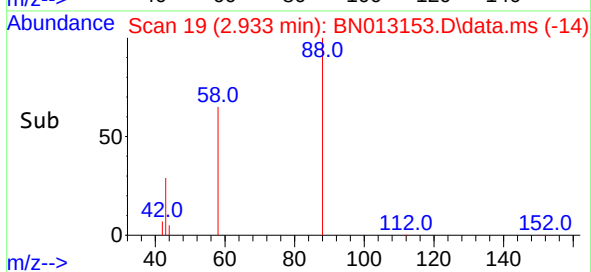
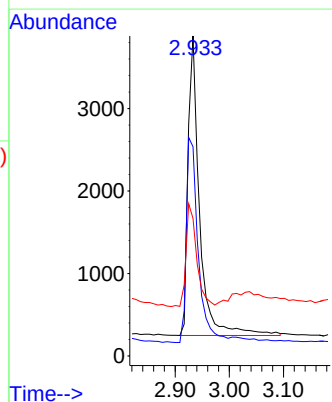
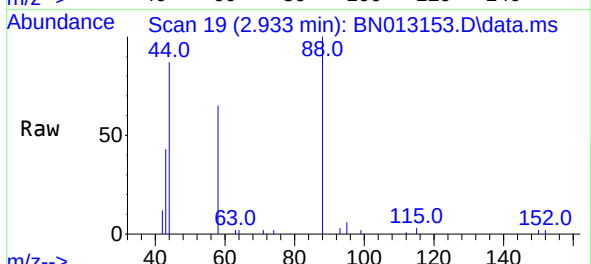
Ion	Ratio	Lower	Upper
152	100		
150	148.2	116.6	174.8
115	73.2	52.9	79.3

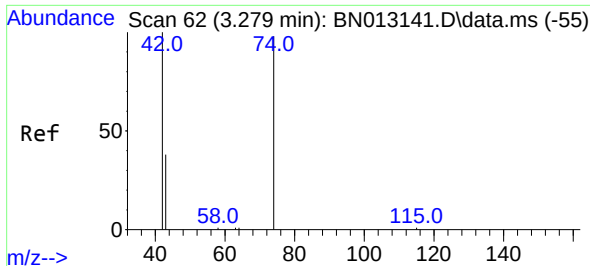


#2
 1,4-Dioxane
 Concen: 4.26 ng
 RT: 2.933 min Scan# 19
 Delta R.T. -0.008 min
 Lab File: BN013153.D
 Acq: 16 Dec 2020 05:20

Tgt Ion: 88 Resp: 5384

Ion	Ratio	Lower	Upper
88	100		
58	70.2	59.4	89.2
43	31.1	32.3	48.5

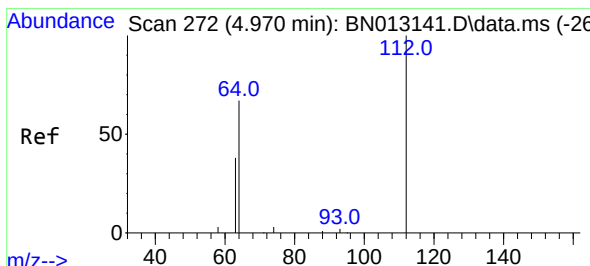
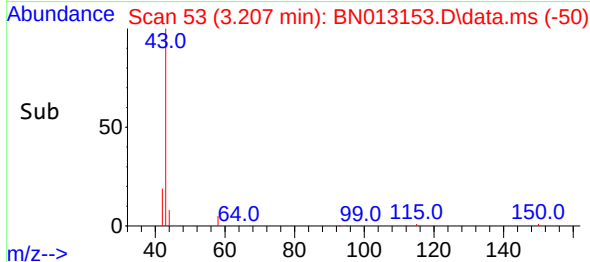
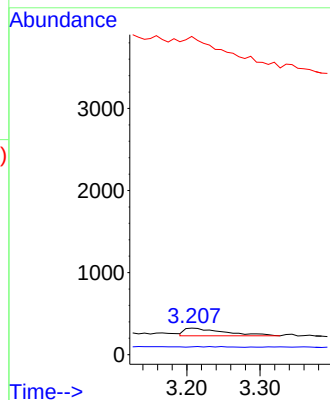
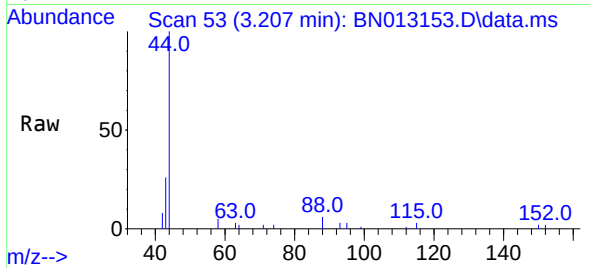




#3
n-Nitrosodimethylamine
Concen: 0.16 ng
RT: 3.207 min Scan# 53
Delta R.T. -0.072 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

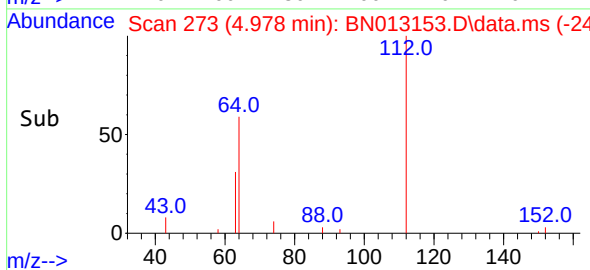
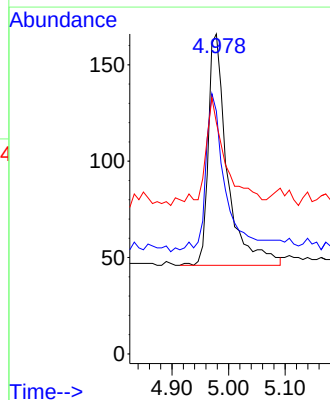
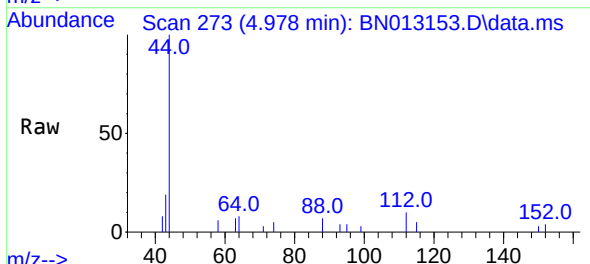
Instrument :
BNA_N
ClientSampleId :
RE132D3-20201207

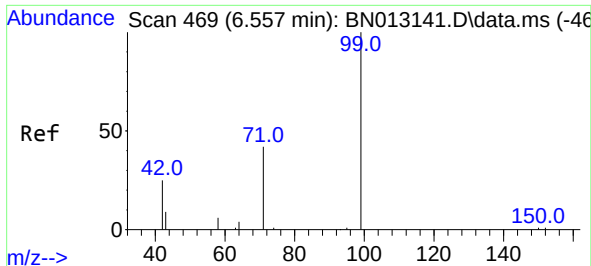
Tgt Ion: 42 Resp: 342
Ion Ratio Lower Upper
42 100
74 2.0 64.4 96.6#
44 0.0 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.09 ng
RT: 4.978 min Scan# 273
Delta R.T. 0.008 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion: 112 Resp: 281
Ion Ratio Lower Upper
112 100
64 72.6 49.5 74.3
63 52.0 32.0 48.0#

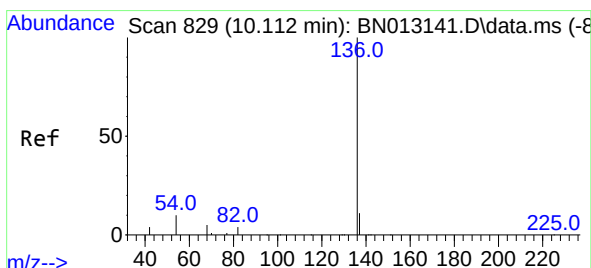
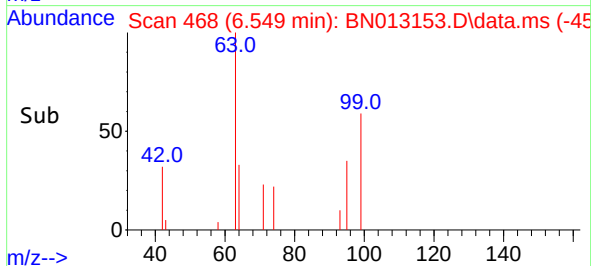
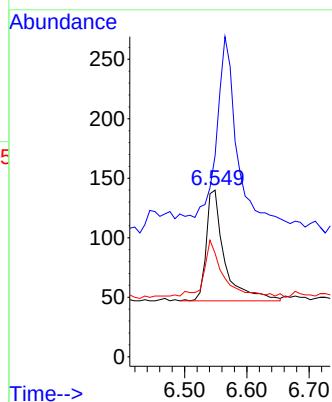
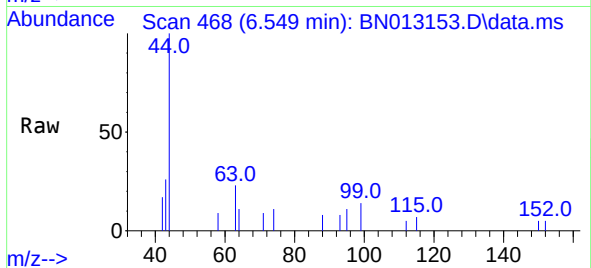




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.549 min Scan# 468
Delta R.T. -0.008 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

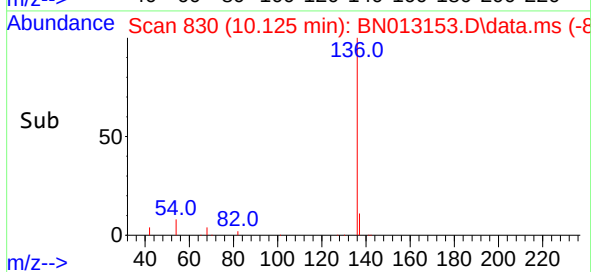
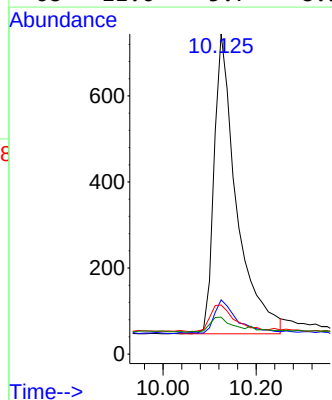
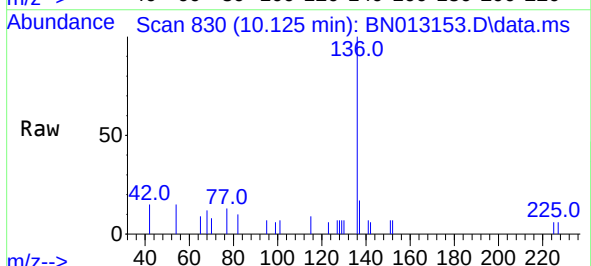
Instrument :
BNA_N
ClientSampleId :
RE132D3-20201207

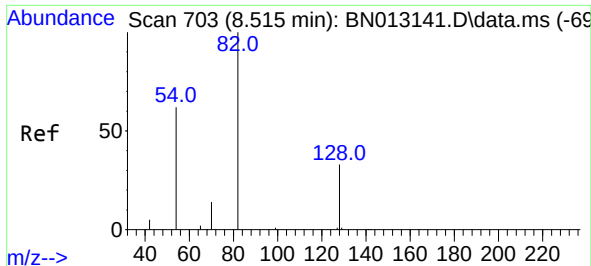
Tgt Ion:	99	Resp:	191
Ion	Ratio	Lower	Upper
99	100		
42	0.0	22.4	33.6#
71	55.5	37.8	56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.125 min Scan# 830
Delta R.T. 0.013 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion:	136	Resp:	2336
Ion	Ratio	Lower	Upper
136	100		
137	16.9	10.6	15.8#
54	15.3	8.6	12.8#
68	11.6	5.7	8.5#

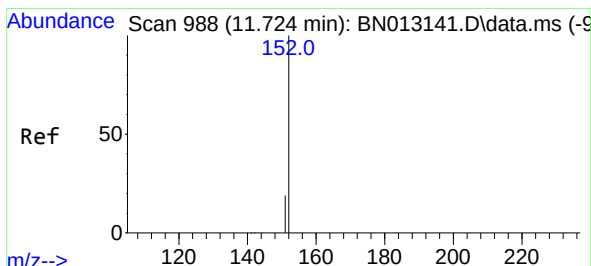
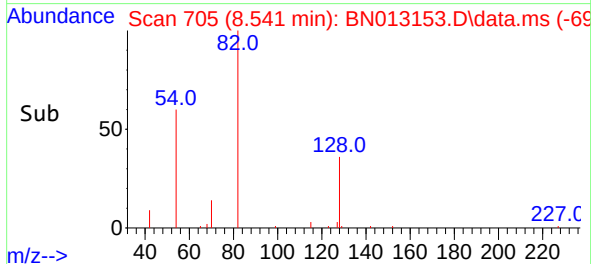
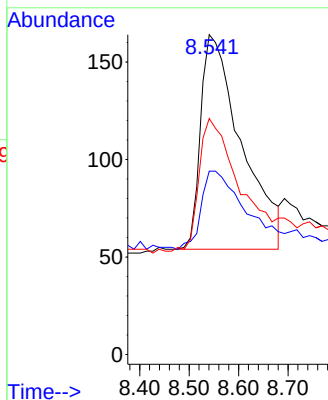
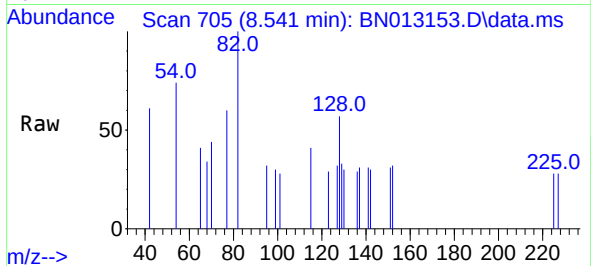




#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.025 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

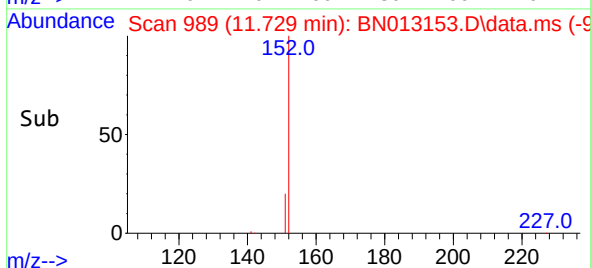
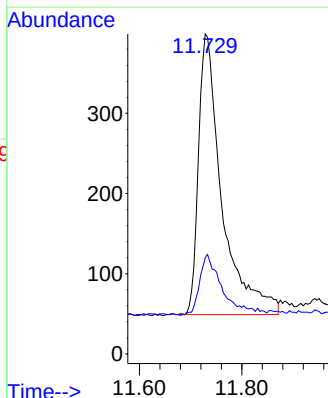
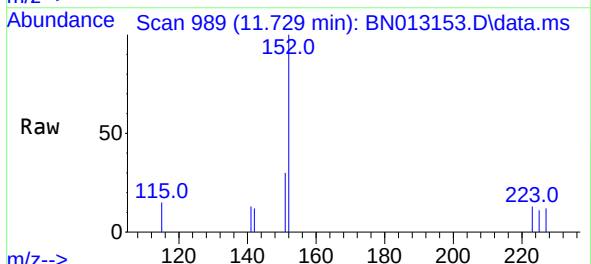
Instrument :
BNA_N
ClientSampleId :
RE132D3-20201207

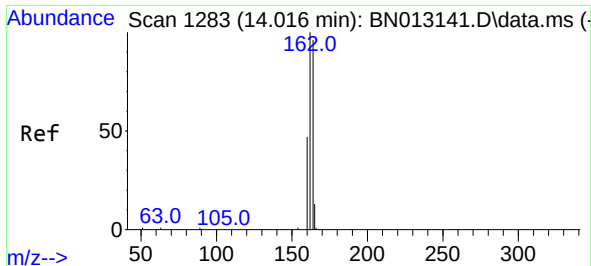
Tgt Ion: 82 Resp: 630
Ion Ratio Lower Upper
82 100
128 57.3 30.6 46.0#
54 73.8 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.729 min Scan# 989
Delta R.T. 0.005 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion: 152 Resp: 1112
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1

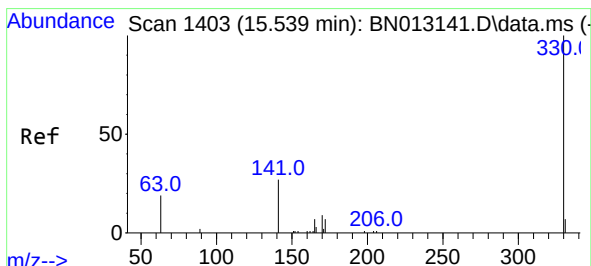
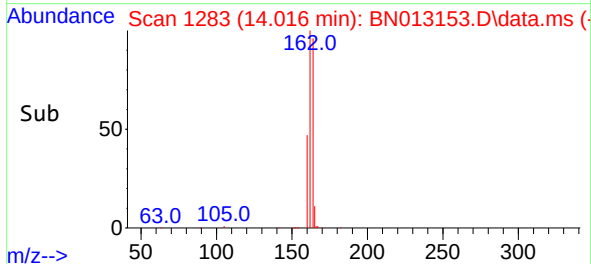
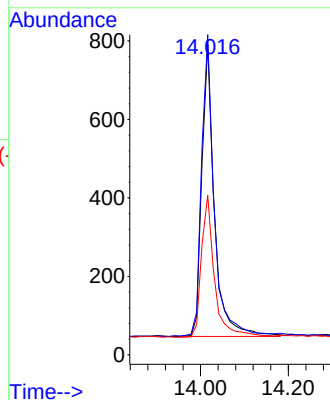
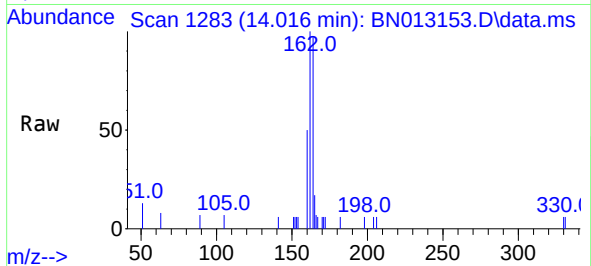




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.016 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

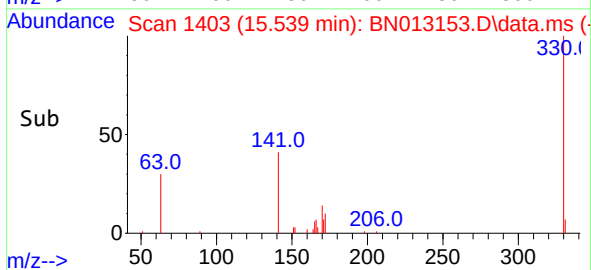
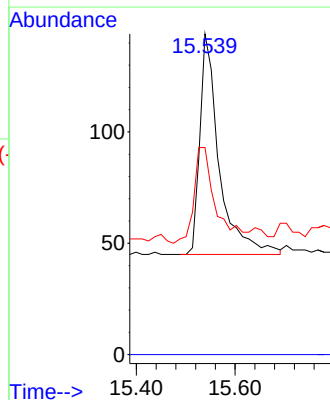
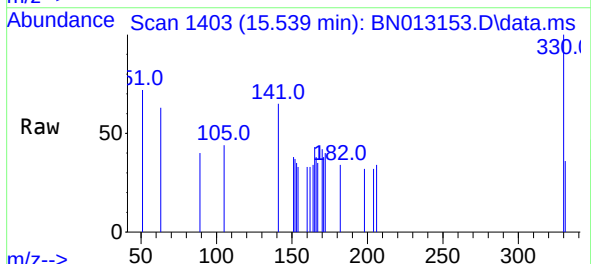
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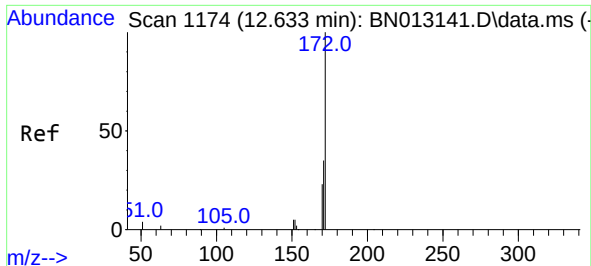
Tgt Ion:	164	Resp:	1479
Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.6	120.8
160	51.5	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion:	330	Resp:	269
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	49.8	34.4	51.6

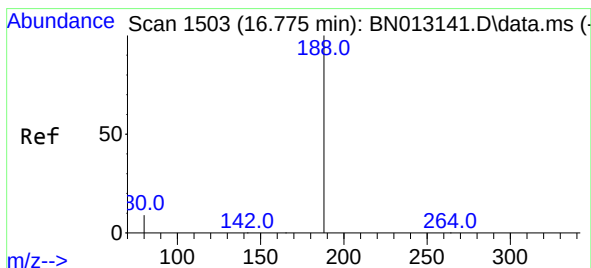
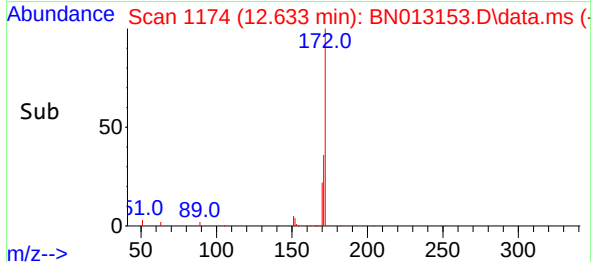
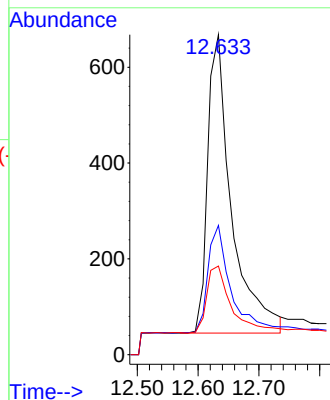
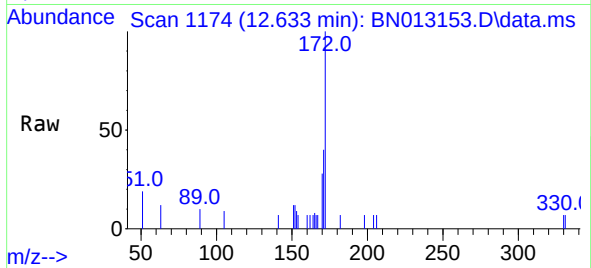




#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.633 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

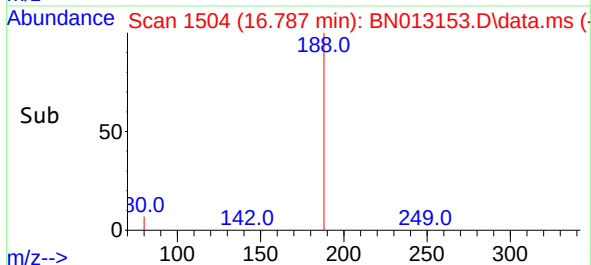
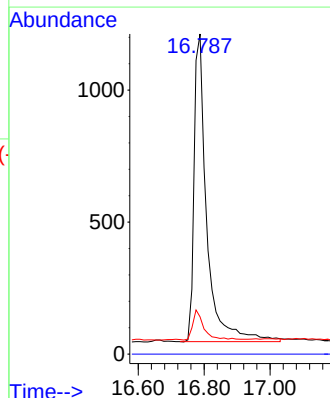
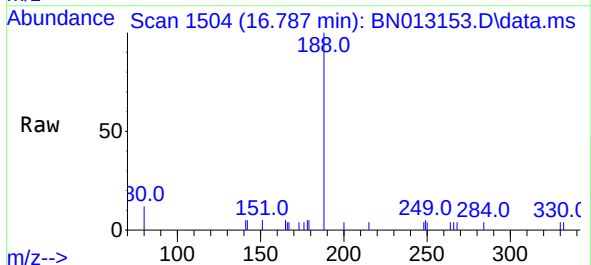
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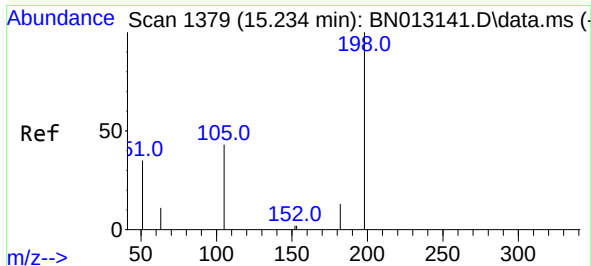
Tgt Ion:	172	Resp:	1705
Ion	Ratio	Lower	Upper
172	100		
171	40.4	28.2	42.4
170	27.7	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.787 min Scan# 1504
Delta R.T. 0.012 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion:	188	Resp:	3113
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	5.0	7.4

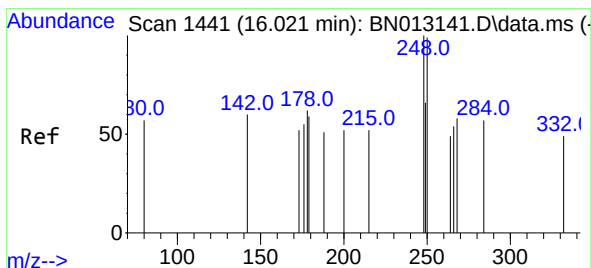
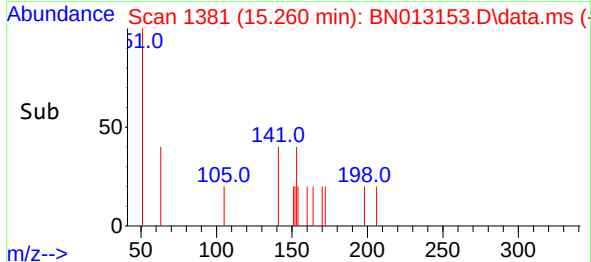
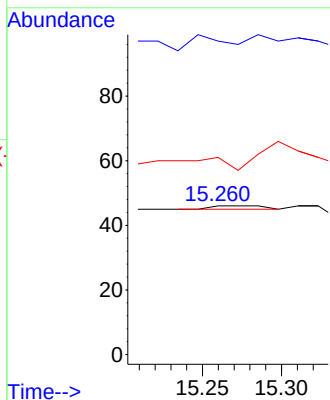
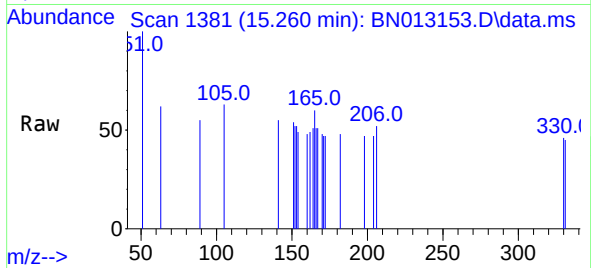




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.260 min Scan# 1381
Delta R.T. 0.026 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

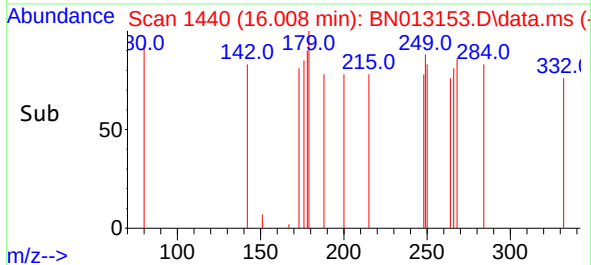
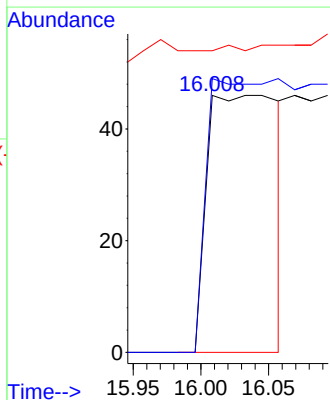
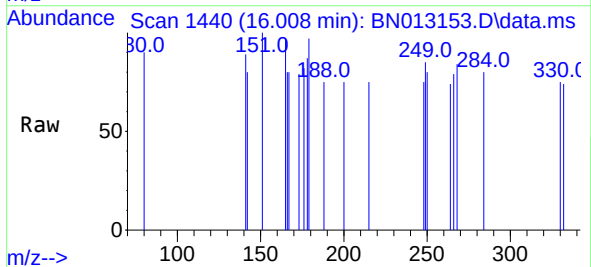
Instrument :
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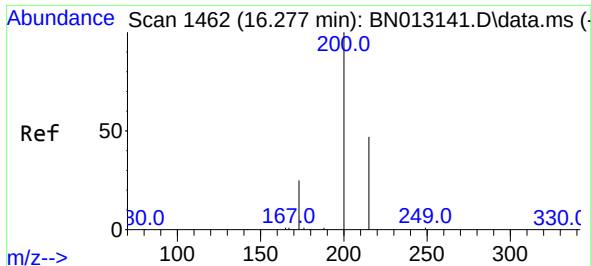
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 210.9 43.5 65.3#
105 132.6 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.28 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion:248 Resp: 169
Ion Ratio Lower Upper
248 100
250 106.5 77.3 115.9
141 117.4 57.8 86.8#

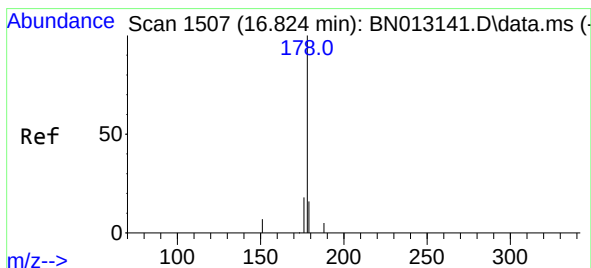
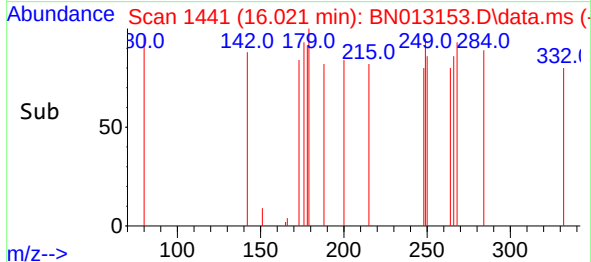
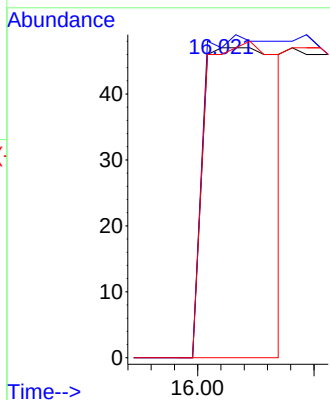
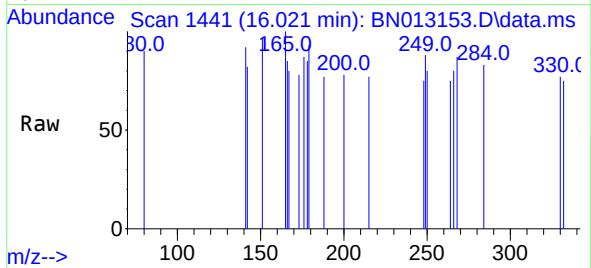




#23
Atrazine
Concen: 0.11 ng
RT: 16.021 min Scan# 1441
Delta R.T. -0.256 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

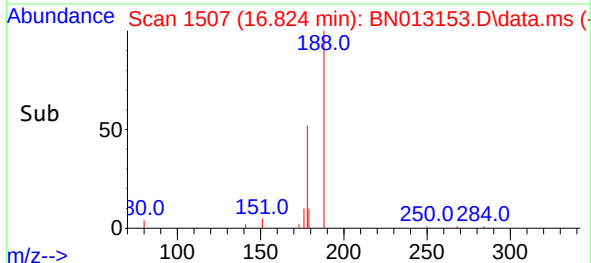
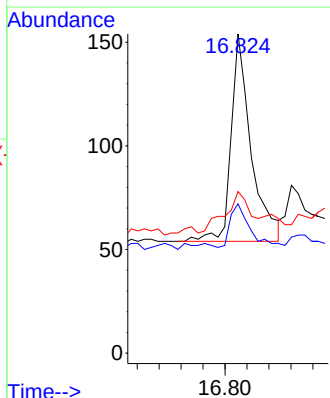
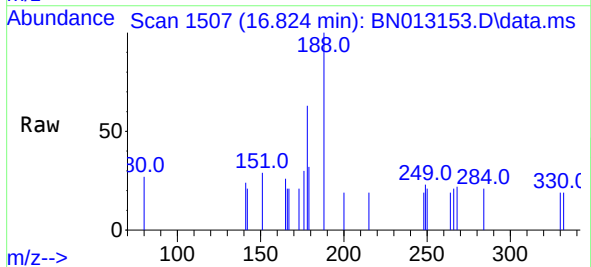
Instrument :
BNA_N
ClientSampleId :
RE132D3-20201207

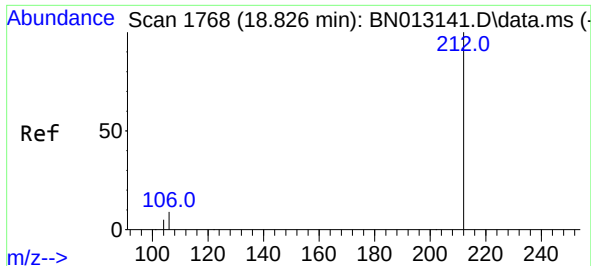
Tgt Ion:200 Resp: 206
Ion Ratio Lower Upper
200 100
173 100.0 22.8 34.2#
215 97.9 38.1 57.1#



#25
Phenanthrene
Concen: 0.02 ng
RT: 16.824 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion:178 Resp: 253
Ion Ratio Lower Upper
178 100
176 20.9 14.8 22.2
179 24.9 12.4 18.6#

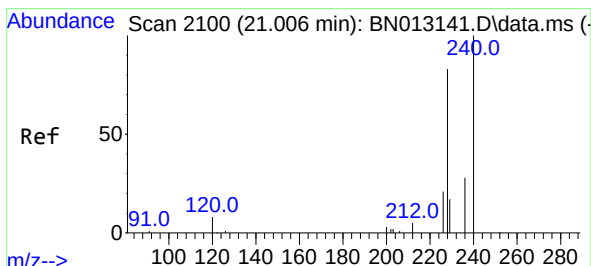
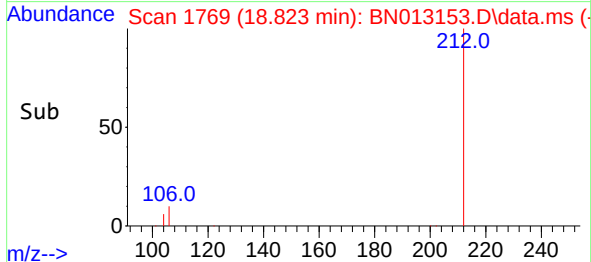
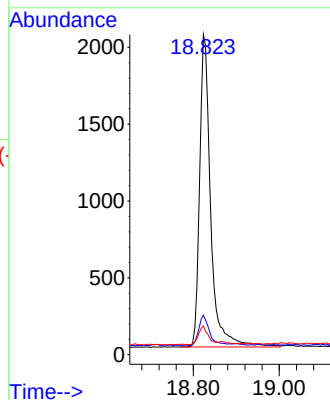
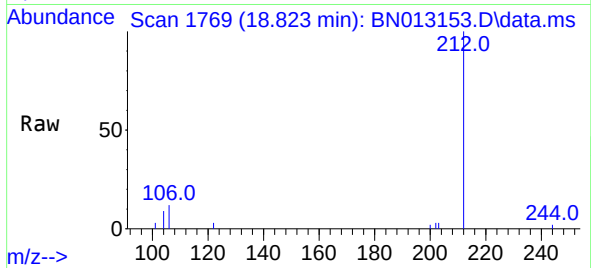




#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 18.823 min Scan# 1769
Delta R.T. -0.003 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

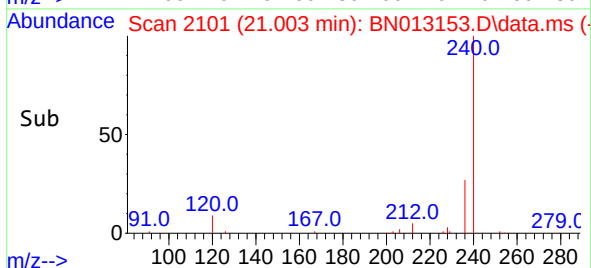
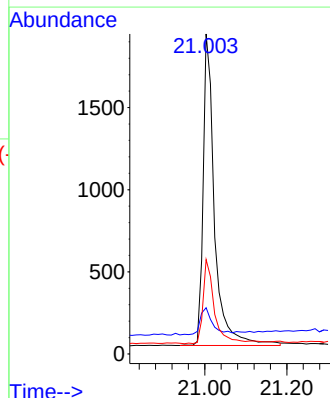
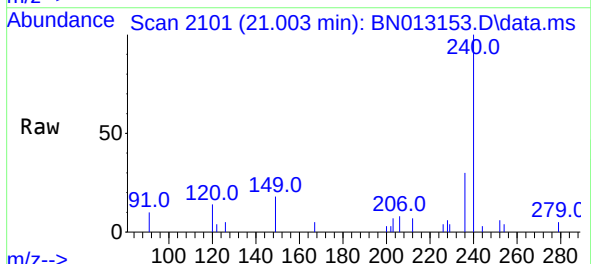
Instrument :
BNA_N
ClientSampleId :
RE132D3-20201207

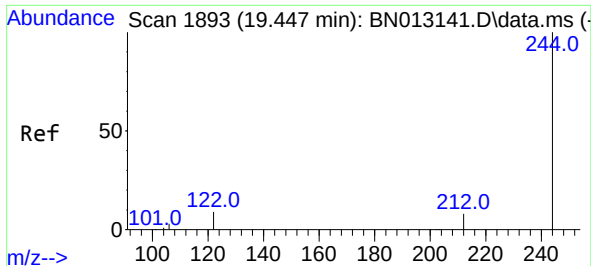
Tgt Ion:212	Resp:	3635
Ion Ratio	Lower	Upper
212	100	
106	9.6	6.8 10.2
104	5.1	4.1 6.1



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. -0.003 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion:240	Resp:	3658
Ion Ratio	Lower	Upper
240	100	
120	14.5	5.3 7.9#
236	29.5	21.8 32.8

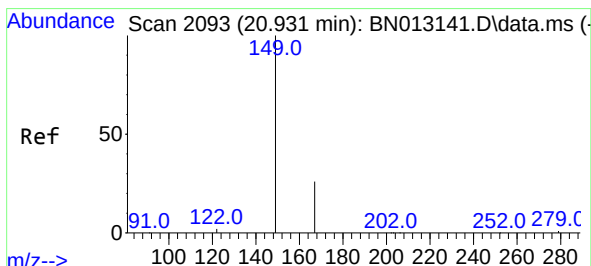
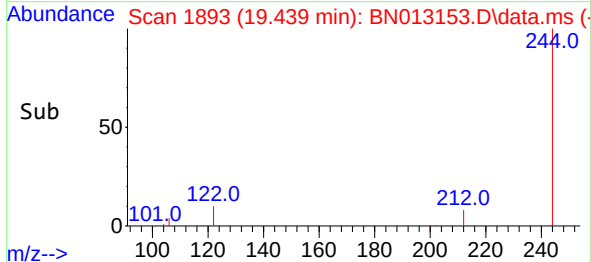
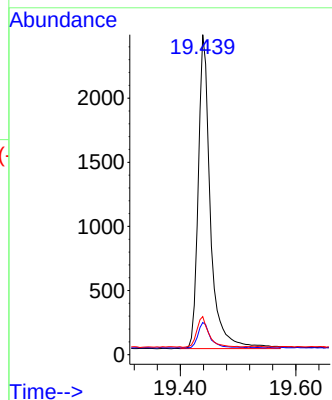
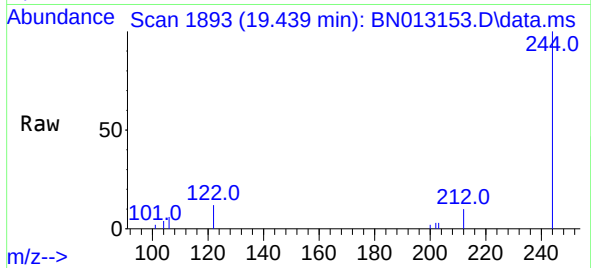




#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.439 min Scan# 1893
Delta R.T. -0.008 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

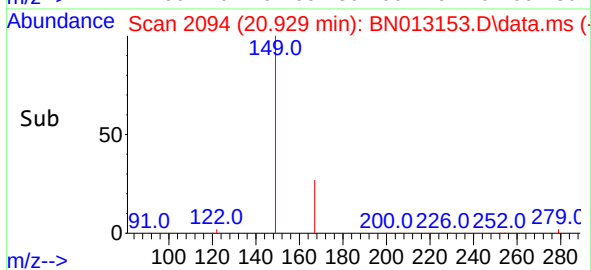
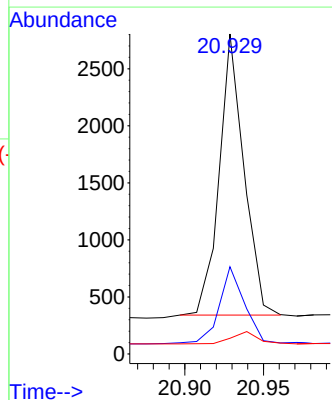
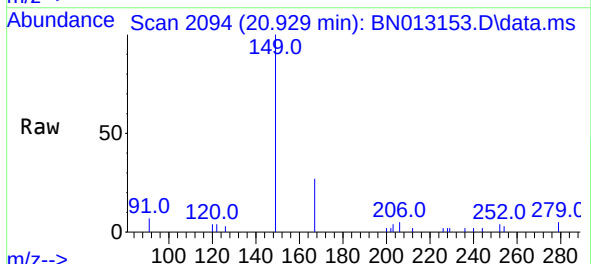
Instrument :
BNA_N
ClientSampleId :
RE132D3-20201207

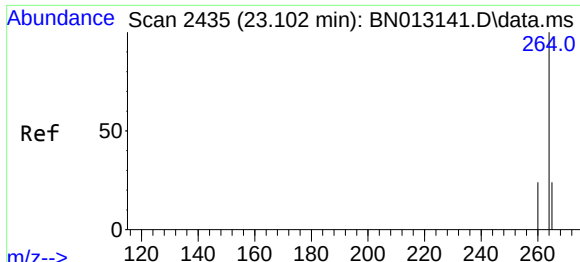
Tgt Ion:244 Resp: 3607
Ion Ratio Lower Upper
244 100
212 10.1 7.3 10.9
122 11.9 7.3 10.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 20.929 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BN013153.D
Acq: 16 Dec 2020 05:20

Tgt Ion:149 Resp: 2688
Ion Ratio Lower Upper
149 100
167 26.9 23.2 34.8
279 4.6 3.9 5.9





#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.096 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BN013153.D
 Acq: 16 Dec 2020 05:20

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20201207

Tgt Ion:264 Resp: 4359

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.8	29.6
265	76.3	51.4	77.0

