

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
 Data File : BN013084.D
 Acq On : 12 Dec 2020 10:08
 Operator : CG/JU
 Sample : L4996-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20201208

Quant Time: Dec 14 03:06:21 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)

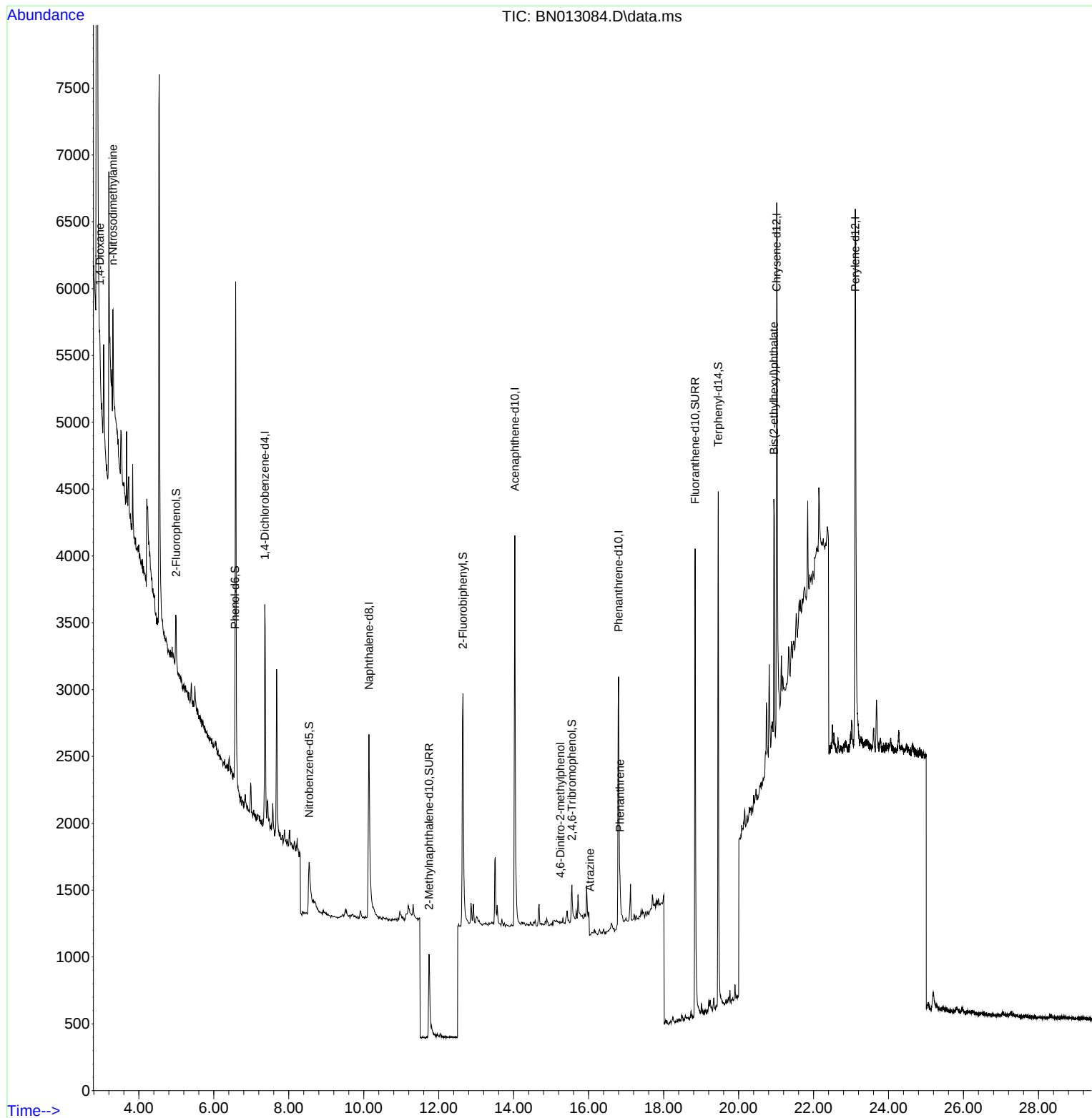
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.362	152	895	0.40	ng	0.00
7) Naphthalene-d8	10.137	136	2966	0.40	ng	# 0.00
13) Acenaphthene-d10	14.029	164	1830	0.40	ng	0.00
19) Phenanthrene-d10	16.800	188	4026	0.40	ng	# 0.00
29) Chrysene-d12	21.016	240	4980	0.40	ng	# 0.00
36) Perylene-d12	23.113	264	6173	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.994	112	334	0.10	ng	0.00
5) Phenol-d6	6.565	99	247	0.07	ng	0.00
8) Nitrobenzene-d5	8.541	82	799	0.25	ng	0.01
11) 2-Methylnaphthalene-d10	11.742	152	1457	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.552	330	279	0.23	ng	0.00
15) 2-Fluorobiphenyl	12.646	172	2286	0.28	ng	0.00
27) Fluoranthene-d10	18.841	212	5155	0.38	ng	0.00
31) Terphenyl-d14	19.456	244	4658	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.957	88	457	0.17	ng	# 55
3) n-Nitrosodimethylamine	3.311	42	120	0.05	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.247	198	1	0.10	ng	# 1
23) Atrazine	16.033	200	306	0.13	ng	# 1
25) Phenanthrene	16.836	178	297	0.02	ng	# 95
34) Bis(2-ethylhexyl)phtha...	20.942	149	1806	0.16	ng	98

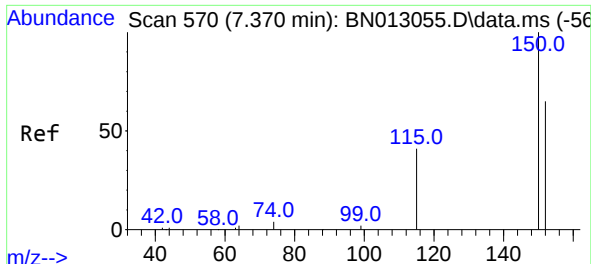
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121120\
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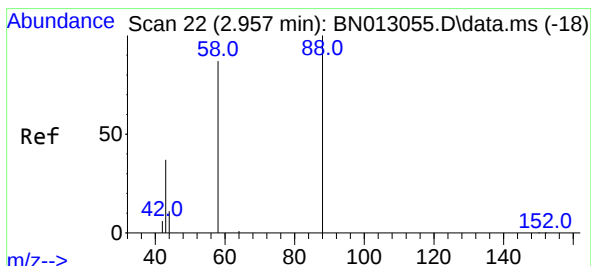
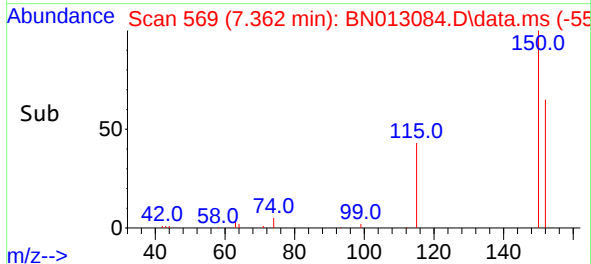
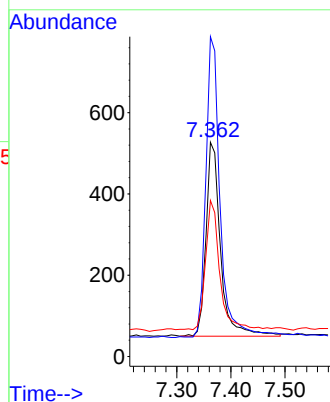
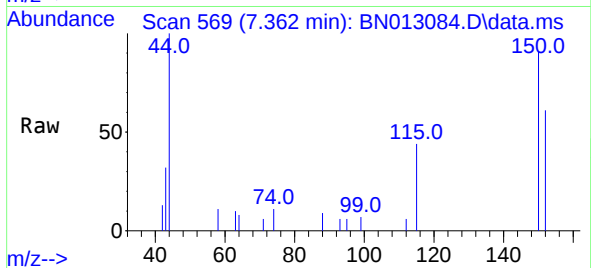




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.362 min Scan# 569
Delta R.T. -0.008 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

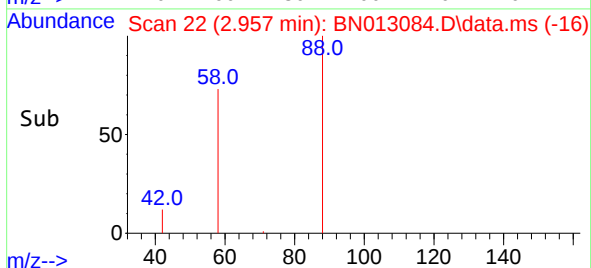
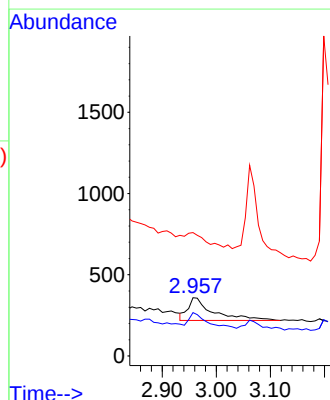
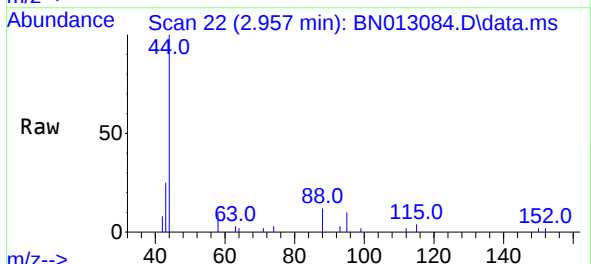
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

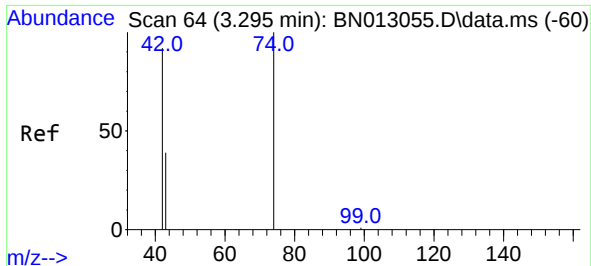
Tgt Ion: 152 Resp: 895
Ion Ratio Lower Upper
152 100
150 149.3 116.6 174.8
115 72.9 52.9 79.3



#2
1,4-Dioxane
Concen: 0.17 ng
RT: 2.957 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion: 88 Resp: 457
Ion Ratio Lower Upper
88 100
58 46.0 59.4 89.2#
43 0.0 32.3 48.5#

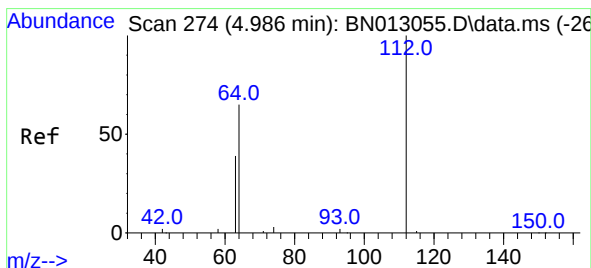
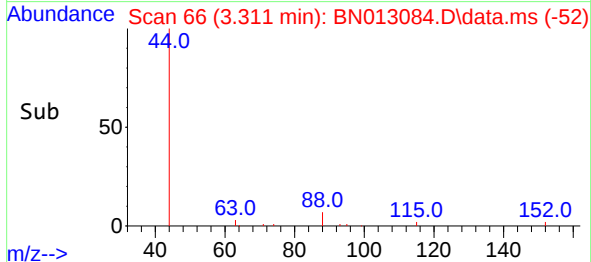
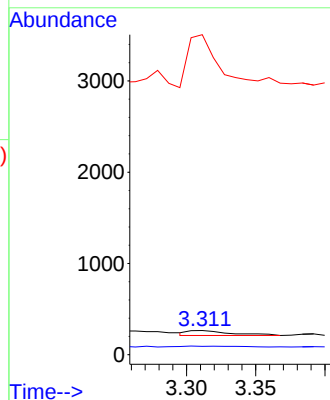
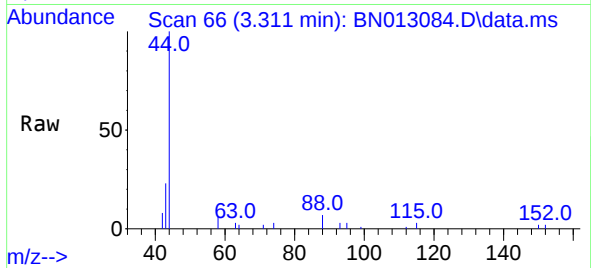




#3
n-Nitrosodimethylamine
Concen: 0.05 ng
RT: 3.311 min Scan# 66
Delta R.T. 0.016 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

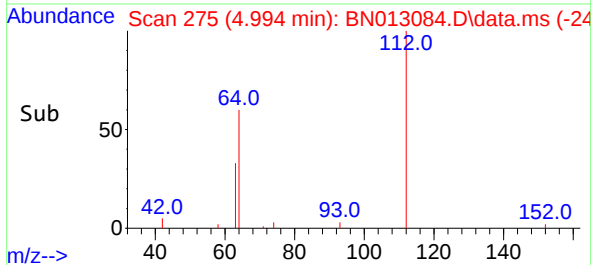
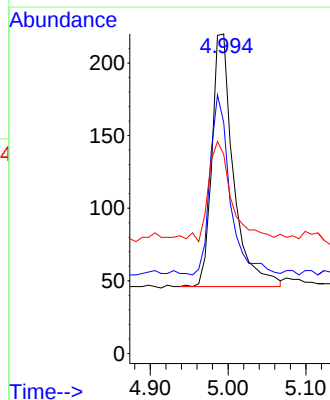
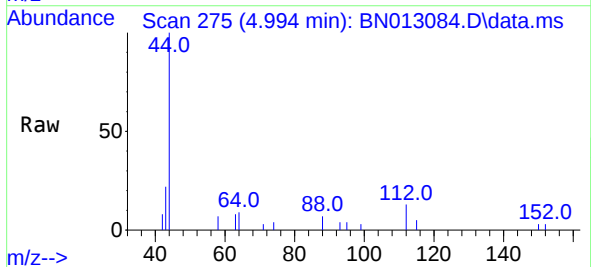
Instrument :
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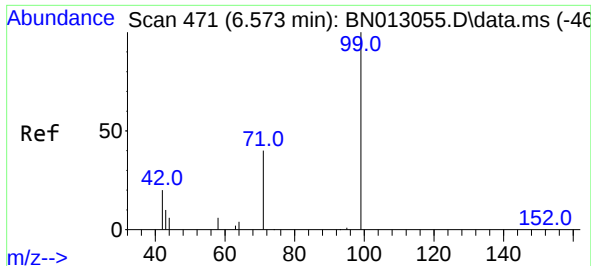
Tgt Ion: 42 Resp: 120
Ion Ratio Lower Upper
42 100
74 28.3 64.4 96.6#
44 942.5 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.994 min Scan# 275
Delta R.T. 0.008 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion: 112 Resp: 334
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 46.4 32.0 48.0

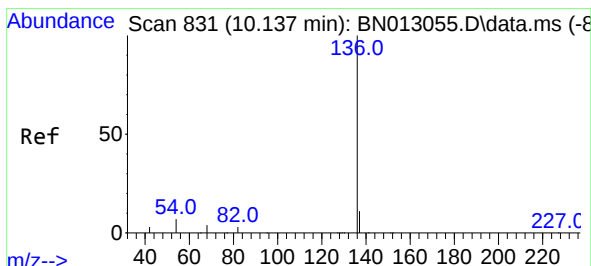
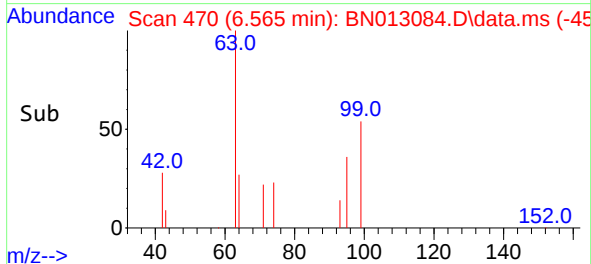
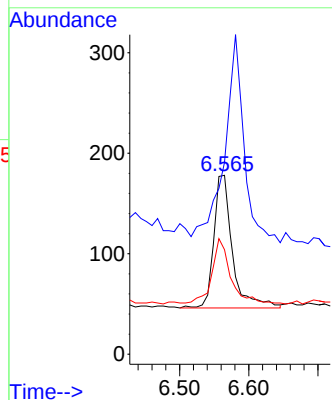
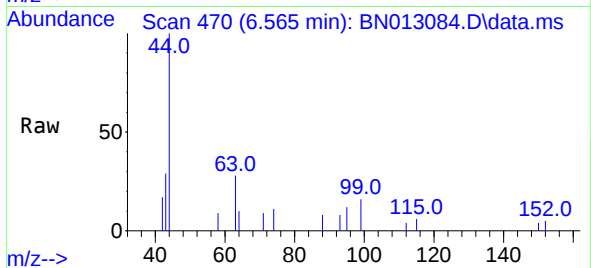




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.565 min Scan# 470
Delta R.T. -0.008 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

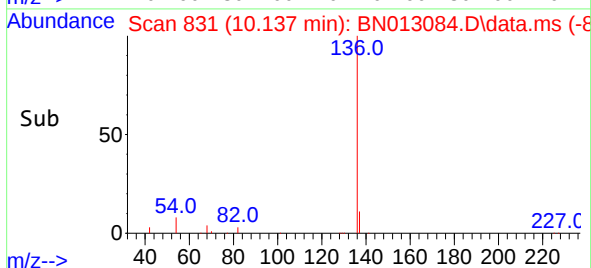
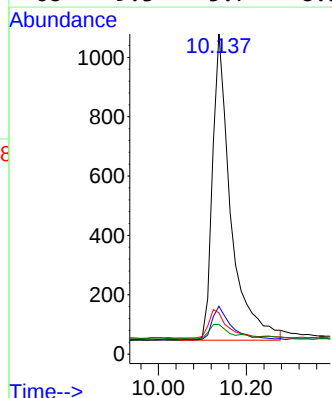
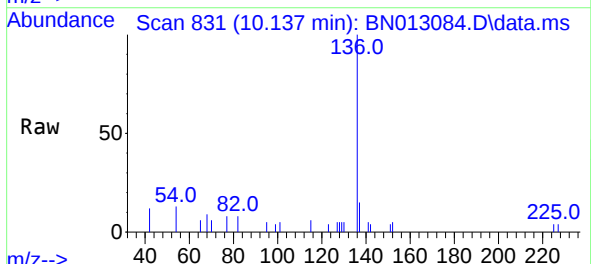
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

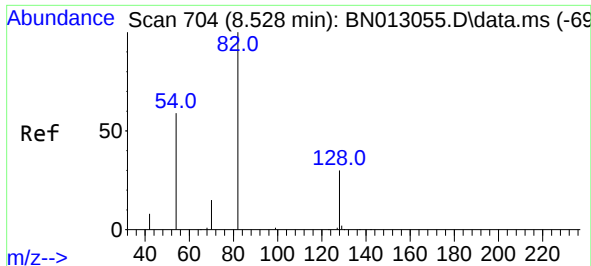
Tgt Ion: 99 Resp: 247
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 50.2 37.8 56.6



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.137 min Scan# 831
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion: 136 Resp: 2966
Ion Ratio Lower Upper
136 100
137 14.9 10.6 15.8
54 12.9 8.6 12.8#
68 9.3 5.7 8.5#

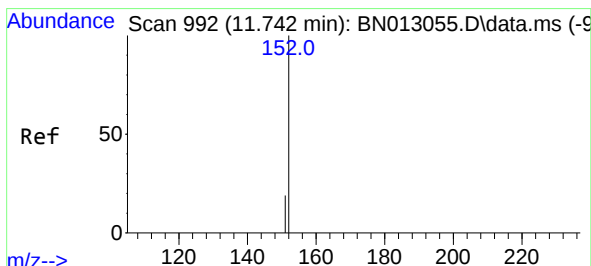
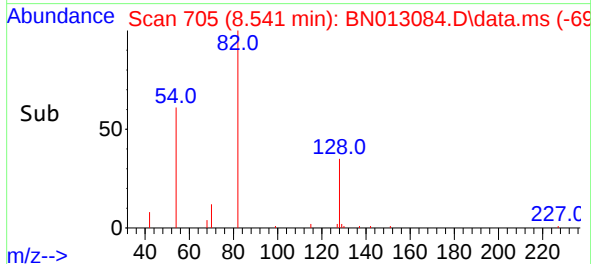
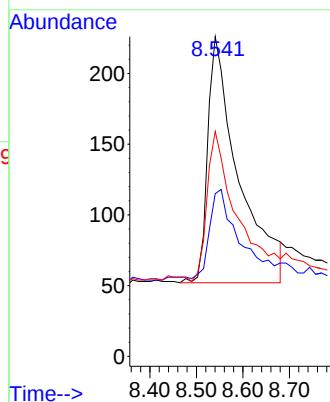
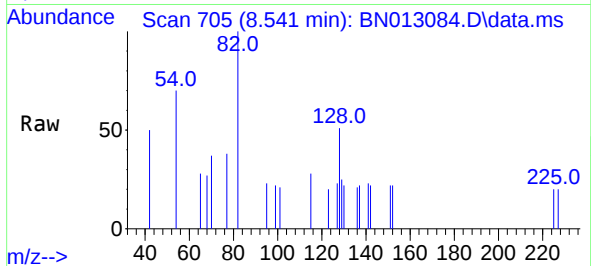




#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.013 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

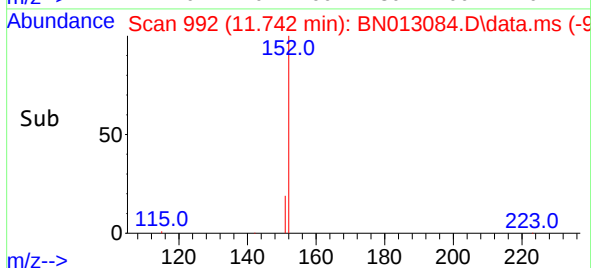
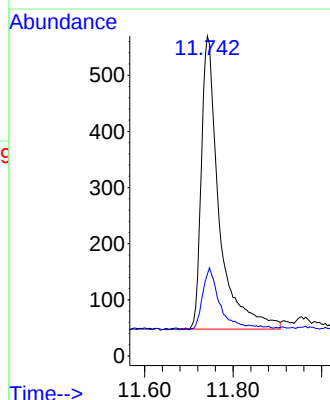
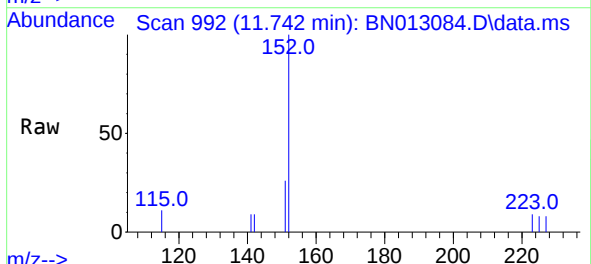
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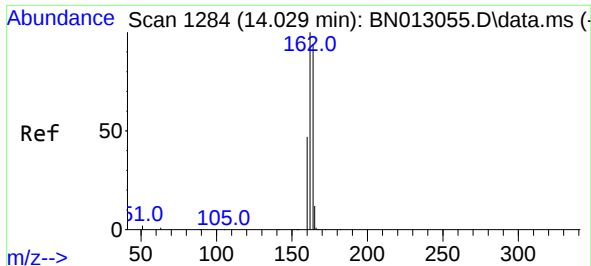
Tgt Ion: 82 Resp: 799
Ion Ratio Lower Upper
82 100
128 50.9 30.6 46.0#
54 70.4 48.3 72.5



#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 11.742 min Scan# 992
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion: 152 Resp: 1457
Ion Ratio Lower Upper
152 100
151 19.9 16.7 25.1

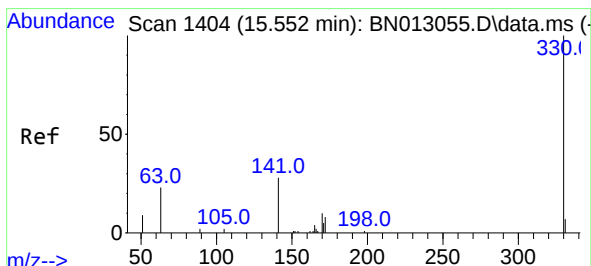
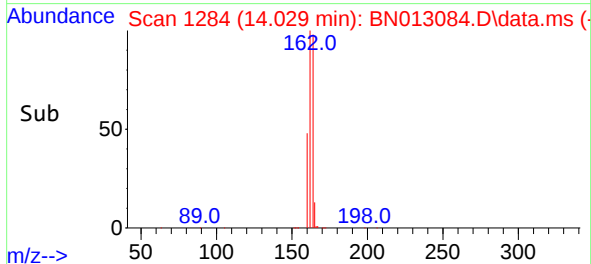
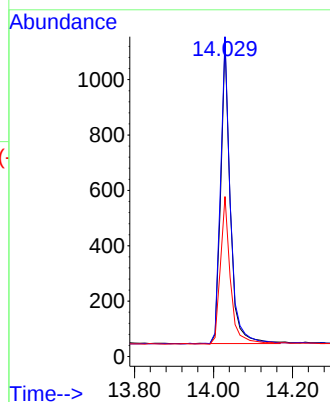
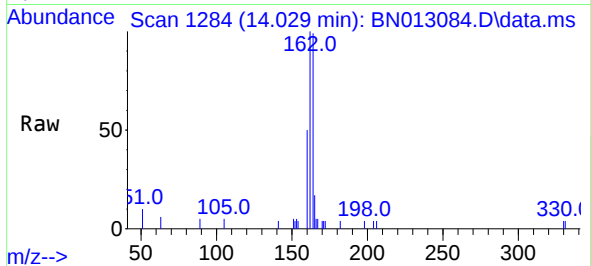




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.029 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

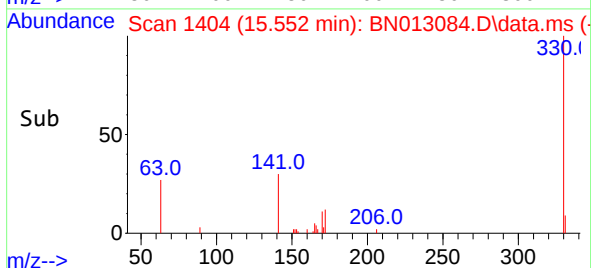
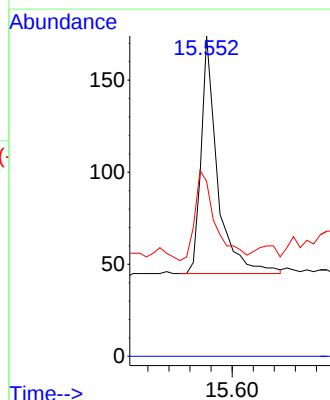
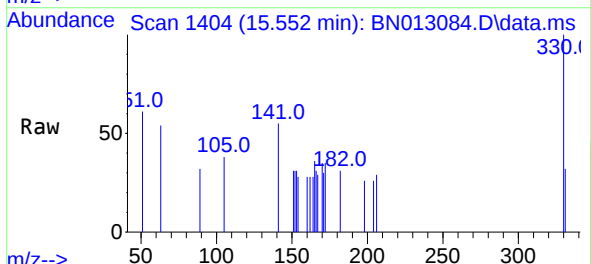
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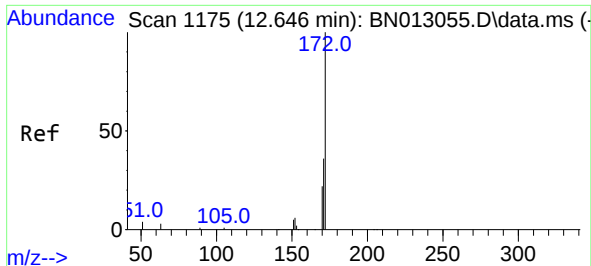
Tgt Ion:	164	Resp:	1830
Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	50.7	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.552 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:	330	Resp:	279
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.3	34.4	51.6

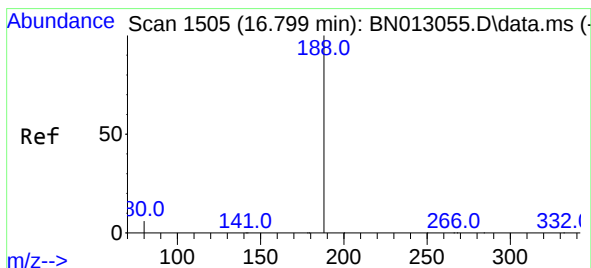
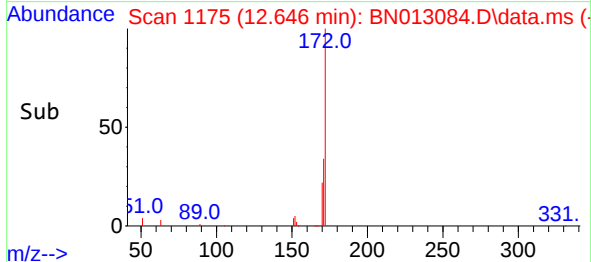
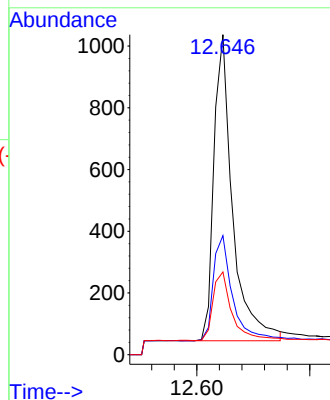
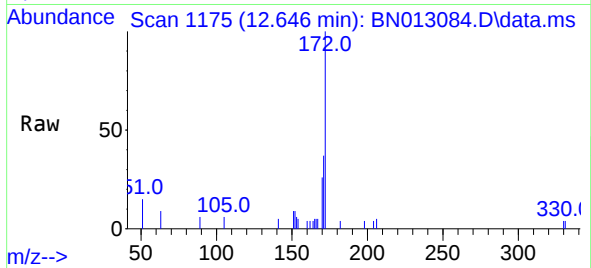




#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.646 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

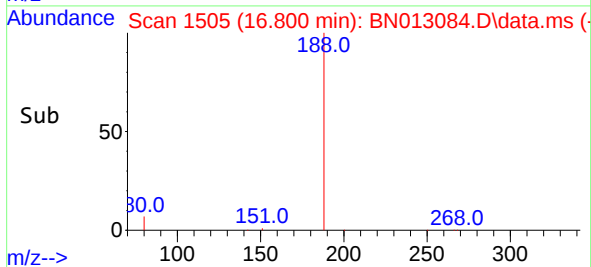
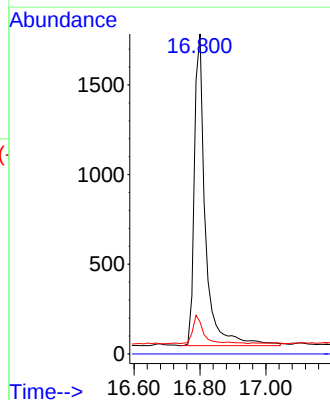
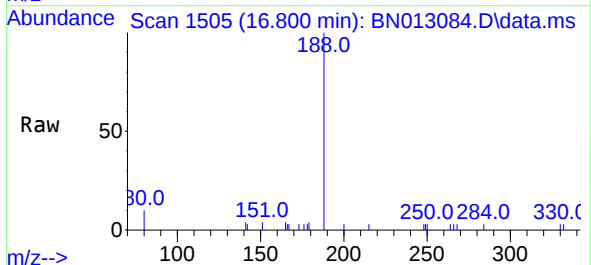
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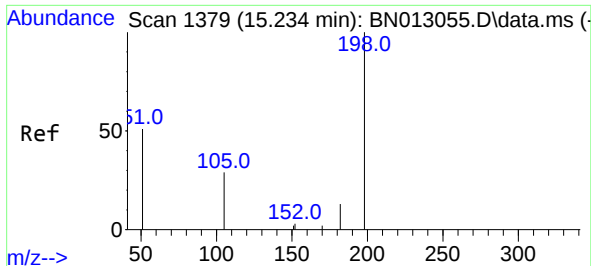
Tgt Ion:	172	Resp:	2286
Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.2	42.4
170	25.8	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.800 min Scan# 1505
Delta R.T. 0.001 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:	188	Resp:	4026
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	5.0	7.4#

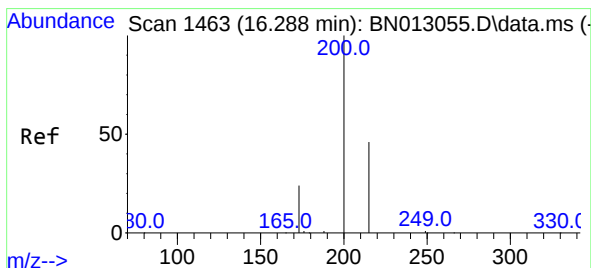
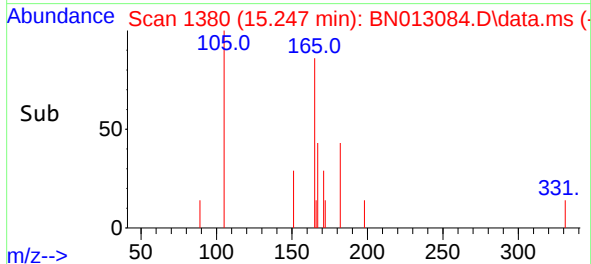
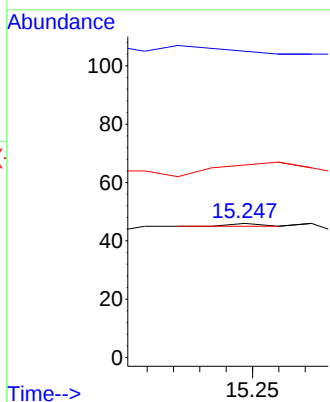
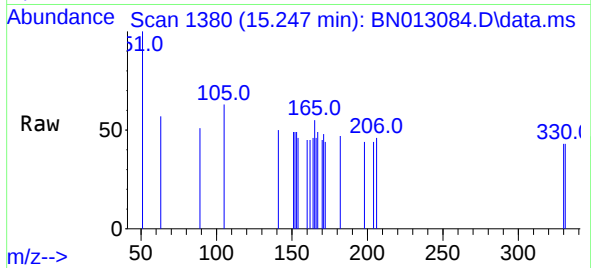




#20
4,6-Dinitro-2-methylphenol
Concen: 0.10 ng
RT: 15.247 min Scan# 1380
Delta R.T. 0.013 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

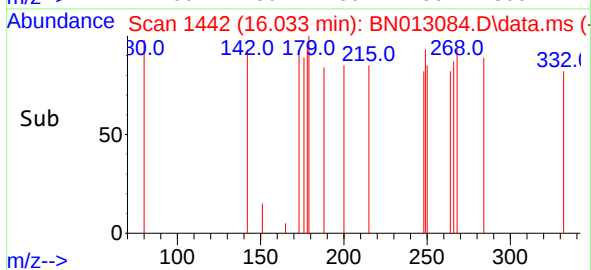
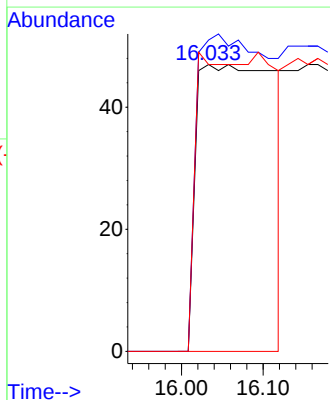
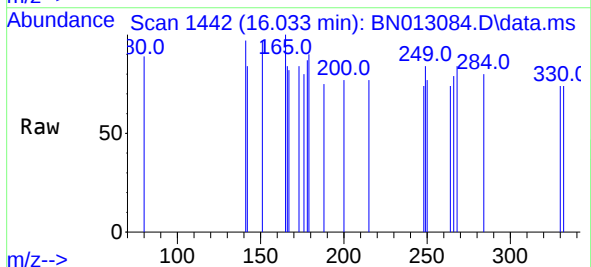
Instrument :
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DUP02-20201208

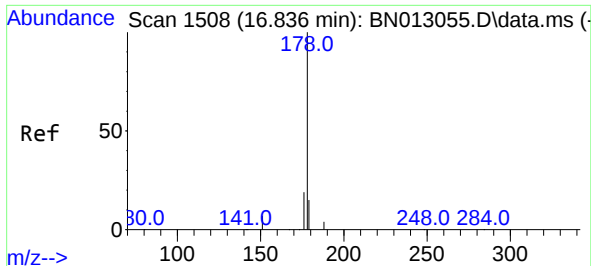
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 228.3 43.5 65.3#
105 143.5 27.2 40.8#



#23
Atrazine
Concen: 0.13 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.255 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:200 Resp: 306
Ion Ratio Lower Upper
200 100
173 108.5 22.8 34.2#
215 100.0 38.1 57.1#

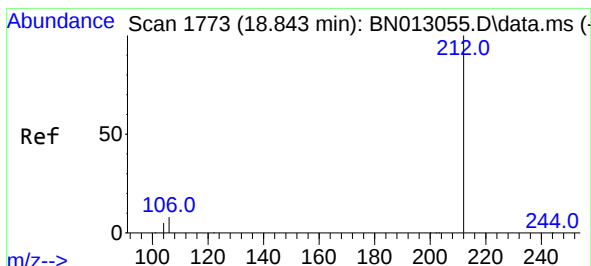
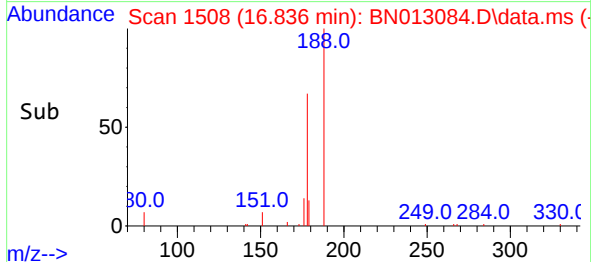
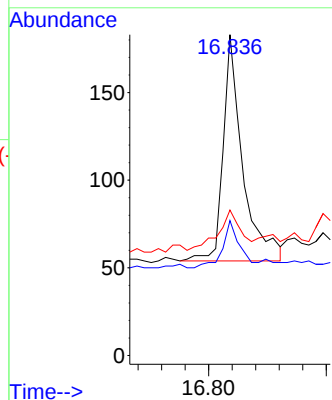
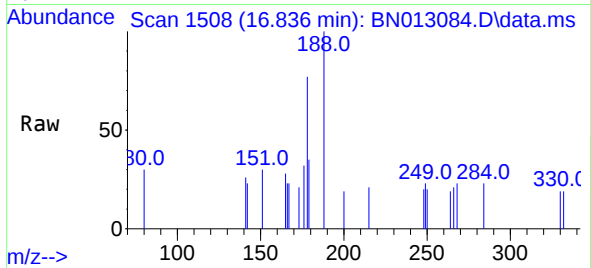




#25
Phenanthrene
Concen: 0.02 ng
RT: 16.836 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

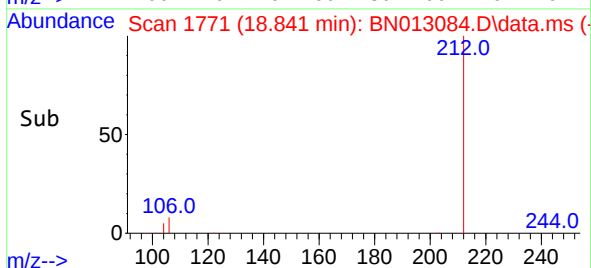
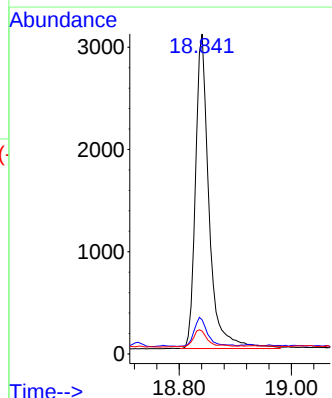
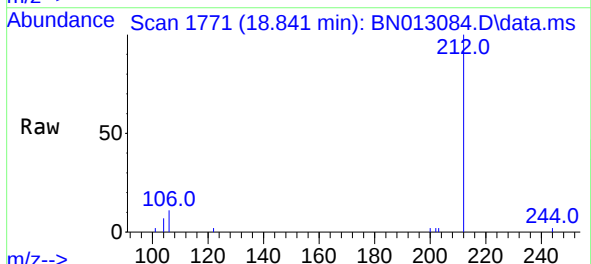
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

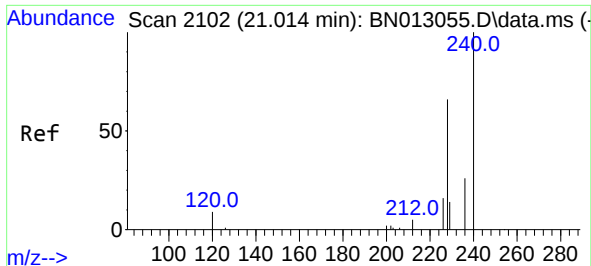
Tgt Ion:	178	Resp:	297
Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	20.5	12.4	18.6#



#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.841 min Scan# 1771
Delta R.T. -0.002 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:	212	Resp:	5155
Ion	Ratio	Lower	Upper
212	100		
106	9.3	6.8	10.2
104	5.6	4.1	6.1

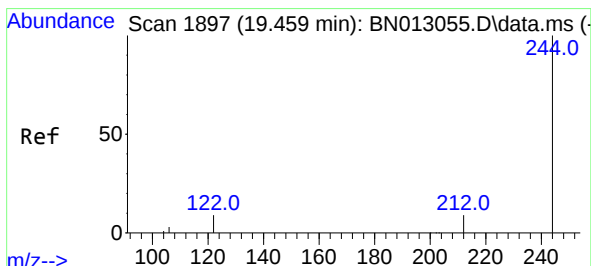
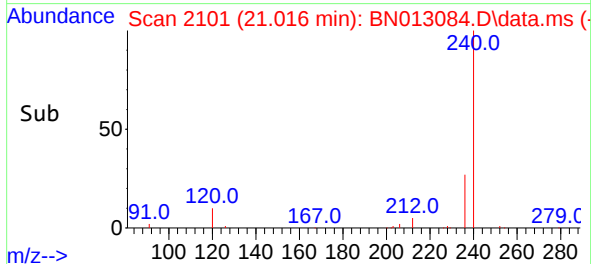
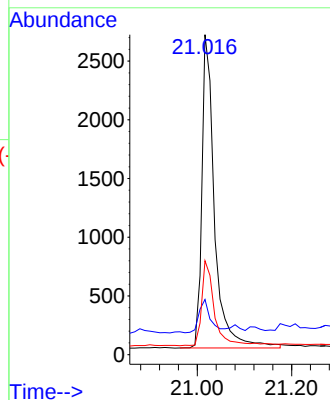
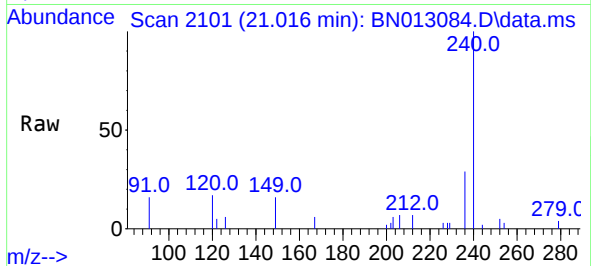




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.016 min Scan# 2101
Delta R.T. 0.003 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

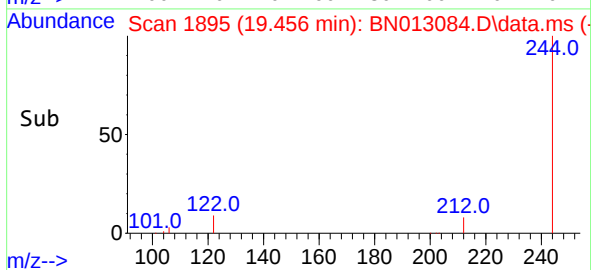
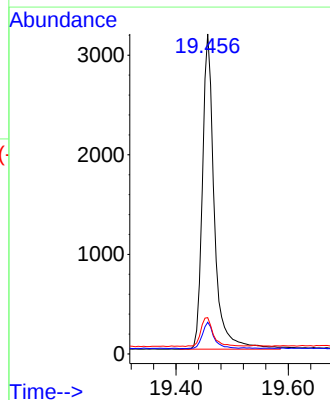
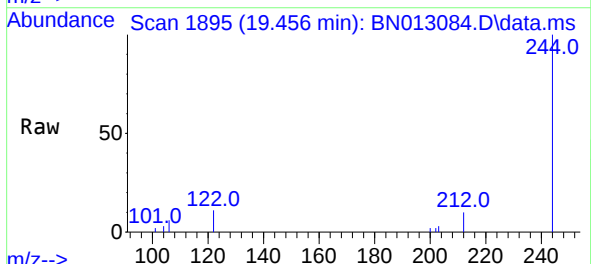
Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

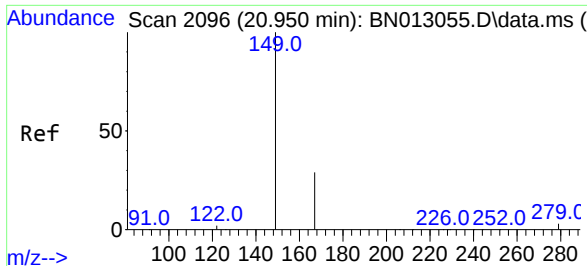
Tgt Ion:240 Resp: 4980
Ion Ratio Lower Upper
240 100
120 17.2 5.3 7.9#
236 29.4 21.8 32.8



#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.456 min Scan# 1895
Delta R.T. -0.002 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:244 Resp: 4658
Ion Ratio Lower Upper
244 100
212 9.9 7.3 10.9
122 11.4 7.3 10.9#

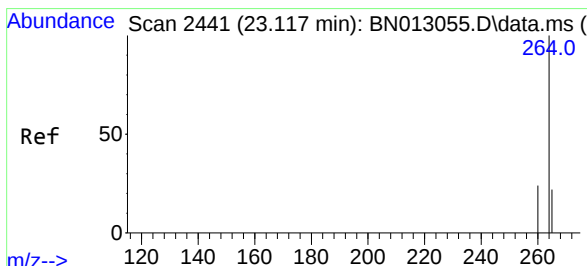
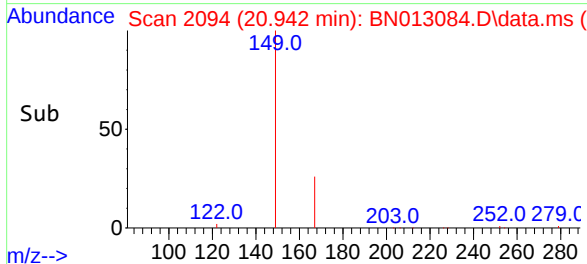
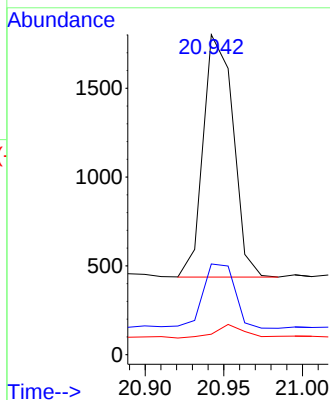
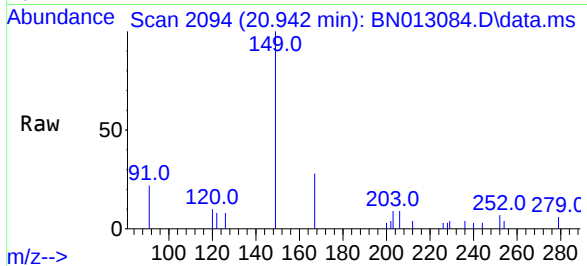




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 20.942 min Scan# 2094
Delta R.T. -0.008 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Instrument :
BNA_N
ClientSampleId :
DUP02-20201208

Tgt Ion:149 Resp: 1806
Ion Ratio Lower Upper
149 100
167 27.8 23.2 34.8
279 5.3 3.9 5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.113 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BN013084.D
Acq: 12 Dec 2020 10:08

Tgt Ion:264 Resp: 6173
Ion Ratio Lower Upper
264 100
260 26.0 19.8 29.6
265 66.0 51.4 77.0

