

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
 Data File : BN013254.D
 Acq On : 22 Dec 2020 01:53
 Operator : CG/JU
 Sample : L5123-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP06-20201213

Quant Time: Dec 22 02:53:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 16:11:20 2020
 Response via : Initial Calibration

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

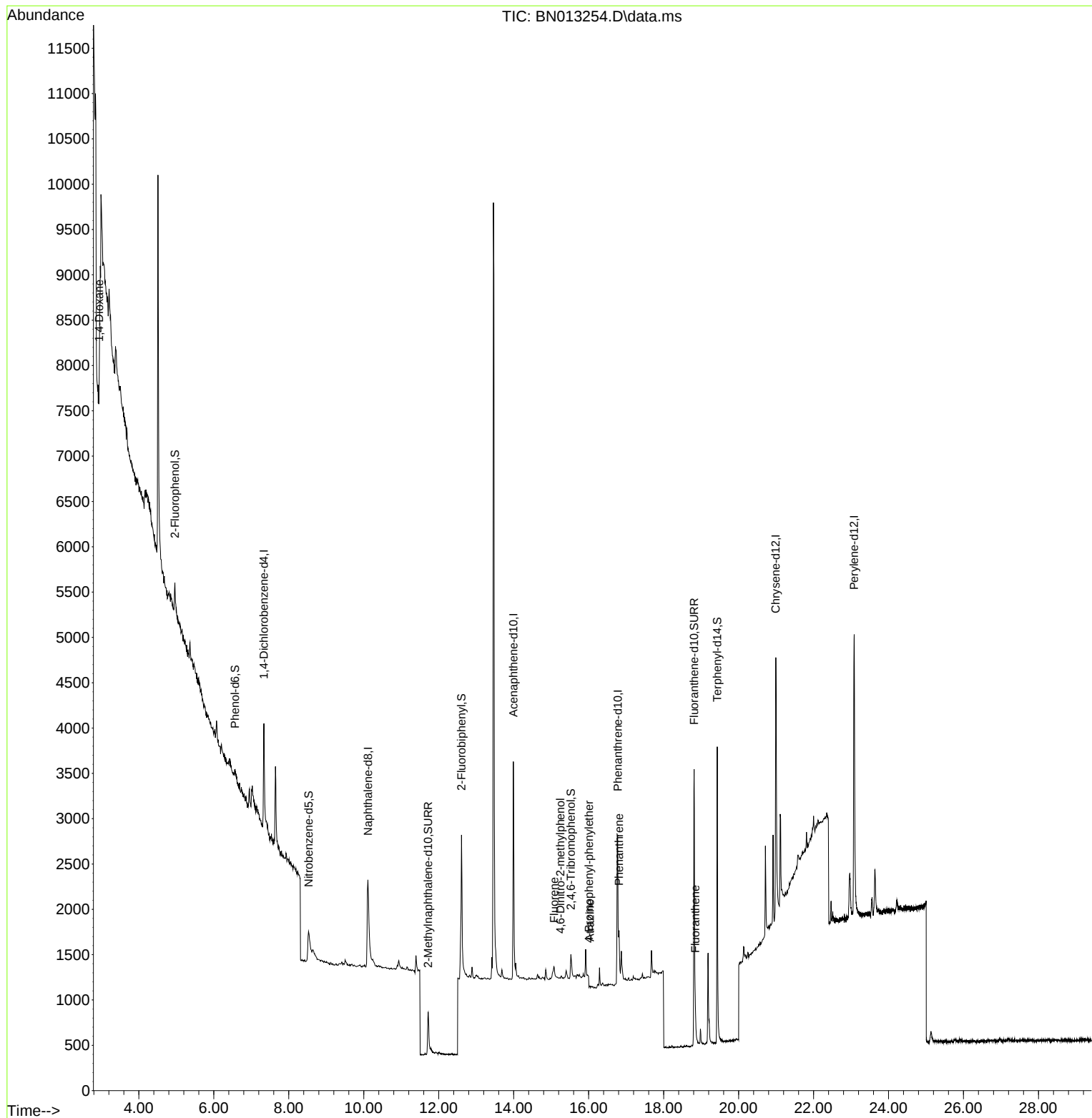
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	819	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	2553	0.40	ng	# 0.00
13) Acenaphthene-d10	13.991	164	1535	0.40	ng	-0.01
19) Phenanthrene-d10	16.775	188	3250	0.40	ng	# 0.00
29) Chrysene-d12	20.992	240	3839	0.40	ng	#-0.01
36) Perylene-d12	23.083	264	4358	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	326	0.10	ng	0.00
5) Phenol-d6	6.565	99	200	0.06	ng	0.02
8) Nitrobenzene-d5	8.528	82	791	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	11.715	152	1086	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.526	330	292	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	1746	0.27	ng	-0.03
27) Fluoranthene-d10	18.813	212	4462	0.42	ng	0.00
31) Terphenyl-d14	19.429	244	3840	0.39	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	2.941	88	72	0.05	ng	# 21
18) Fluorene	15.082	166	148	0.02	ng	84
20) 4,6-Dinitro-2-methylph...	15.247	198	1	0.19	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	83	0.13	ng	# 74
23) Atrazine	16.033	200	137	0.07	ng	# 1
25) Phenanthrene	16.811	178	605	0.06	ng	97
28) Fluoranthene	18.843	202	297	0.02	ng	# 92
34) Bis(2-ethylhexyl)phtha...	20.918	149	814	Below	Cal	94

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

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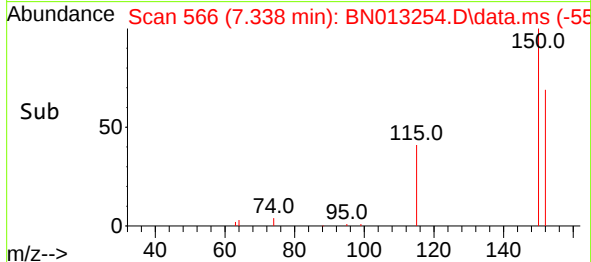
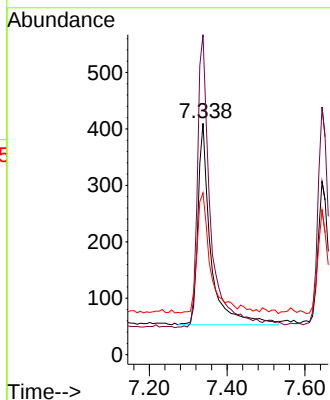
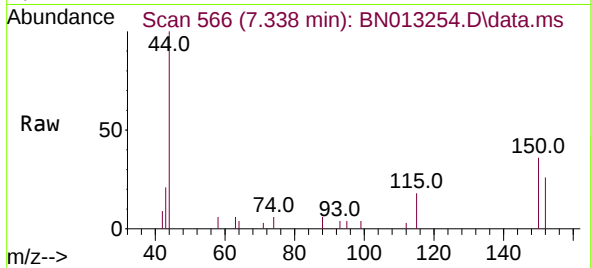




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.338 min Scan# 566
 Delta R.T. -0.008 min
 Lab File: BN013254.D
 Acq: 22 Dec 2020 01:53

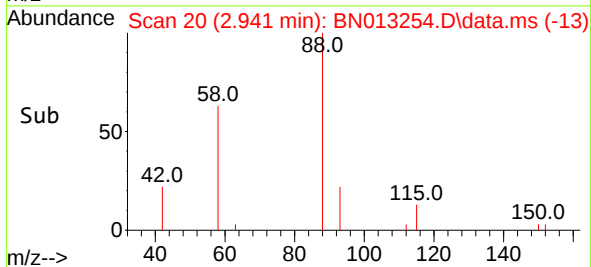
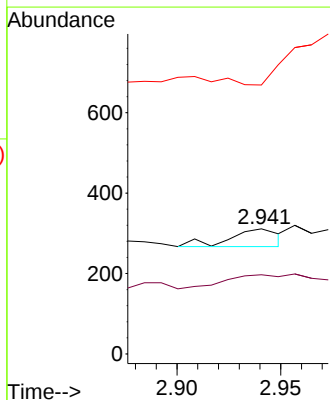
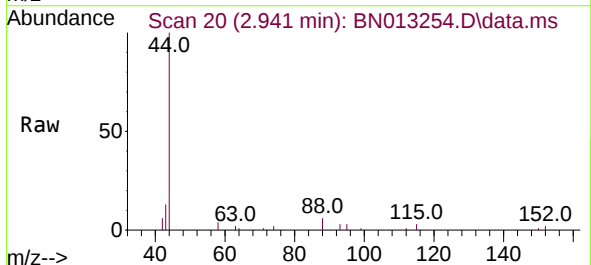
Instrument :
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 DUP06-20201213

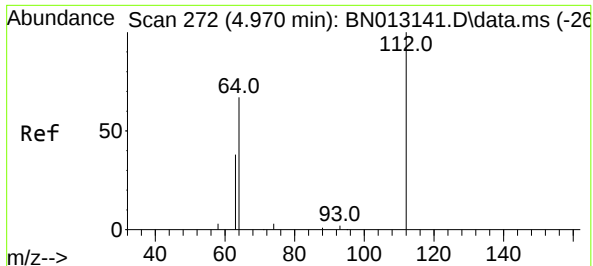
Tgt Ion:152 Resp: 819
 Ion Ratio Lower Upper
 152 100
 150 138.3 116.6 174.8
 115 70.0 52.9 79.3



#2
 1,4-Dioxane
 Concen: 0.05 ng
 RT: 2.941 min Scan# 20
 Delta R.T. 0.008 min
 Lab File: BN013254.D
 Acq: 22 Dec 2020 01:53

Tgt Ion: 88 Resp: 72
 Ion Ratio Lower Upper
 88 100
 58 147.2 59.4 89.2#
 43 0.0 32.3 48.5#

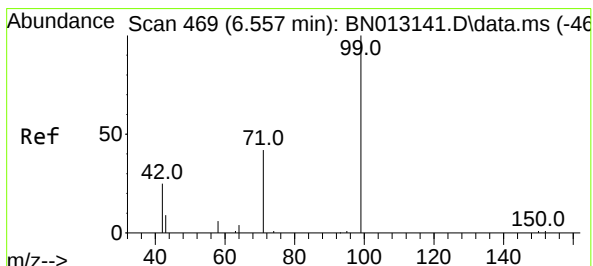
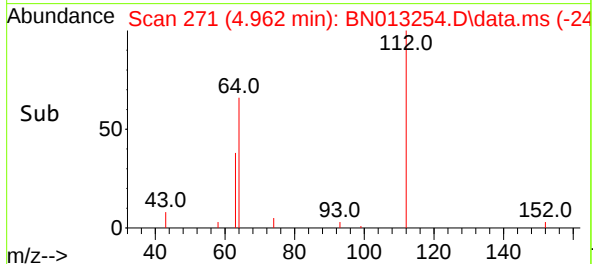
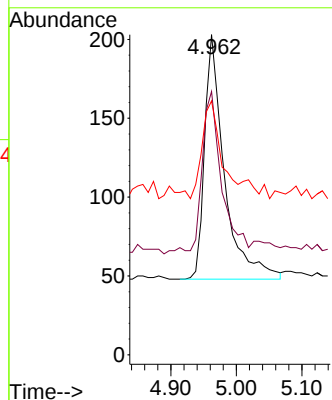
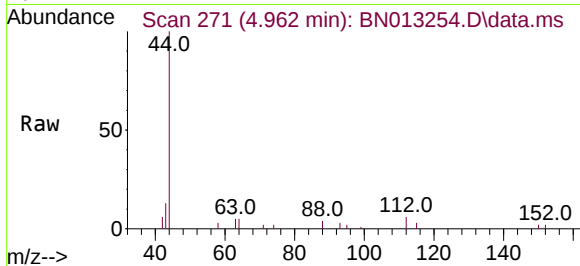




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 4.962 min Scan# 271
Delta R.T. -0.000 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

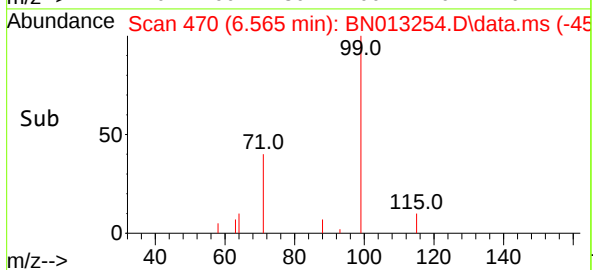
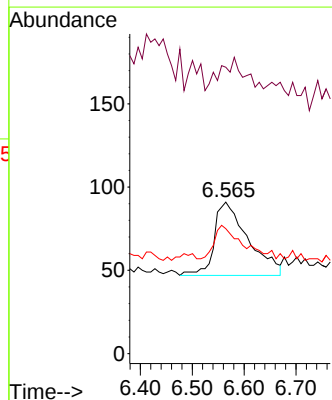
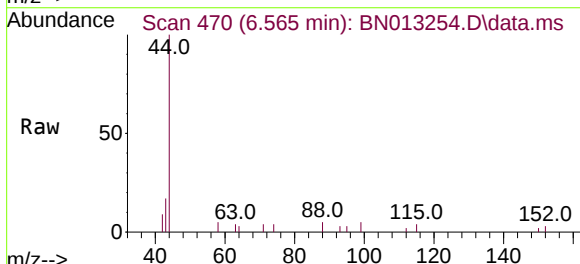
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

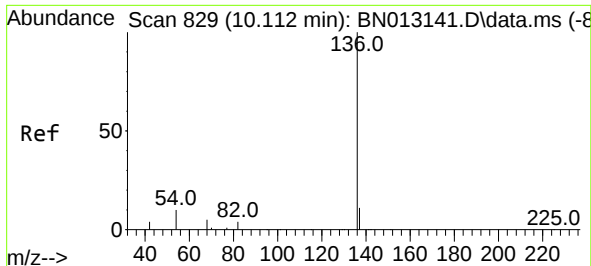
Tgt Ion:112 Resp: 326
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 37.7 32.0 48.0



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.565 min Scan# 470
Delta R.T. 0.016 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion: 99 Resp: 200
Ion Ratio Lower Upper
99 100
42 0.0 22.4 33.6#
71 39.5 37.8 56.6

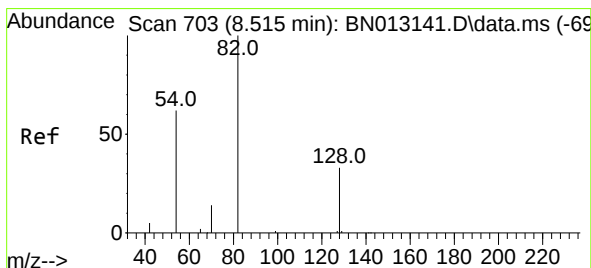
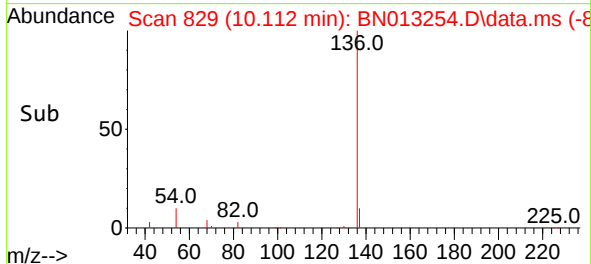
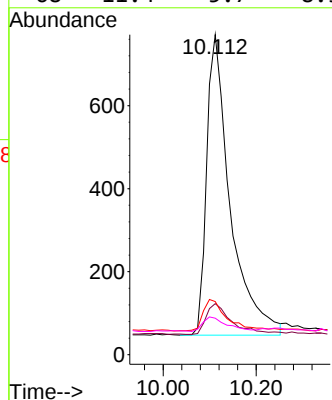
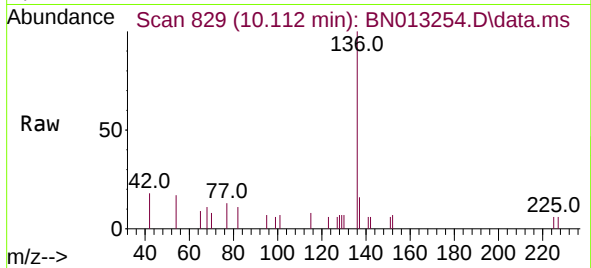




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. -0.000 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

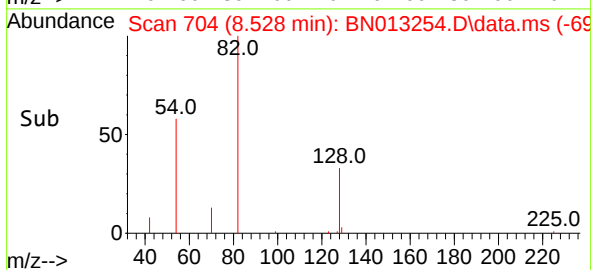
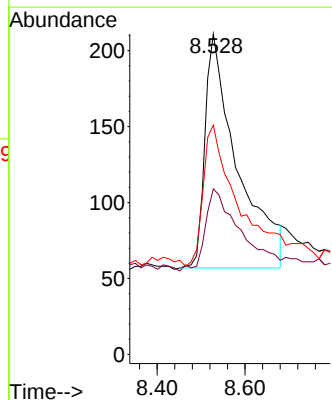
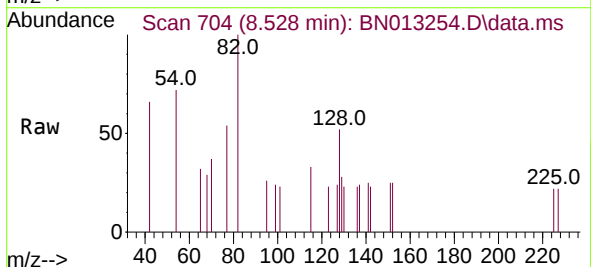
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

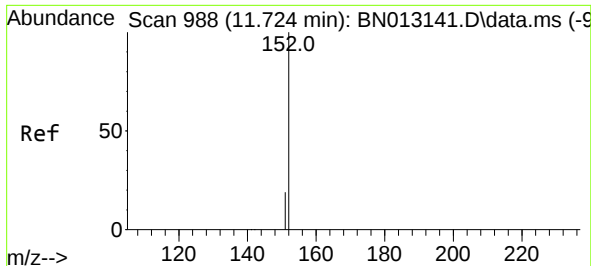
Tgt Ion:	136	Resp:	2553
Ion	Ratio	Lower	Upper
136	100		
137	16.0	10.6	15.8#
54	16.6	8.6	12.8#
68	11.4	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.528 min Scan# 704
Delta R.T. -0.000 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:	82	Resp:	791
Ion	Ratio	Lower	Upper
82	100		
128	51.7	30.6	46.0#
54	71.6	48.3	72.5

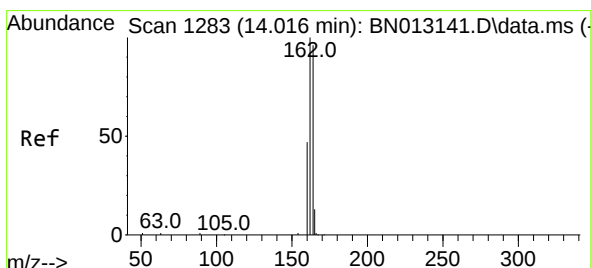
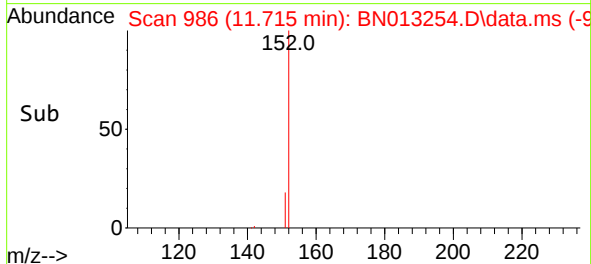
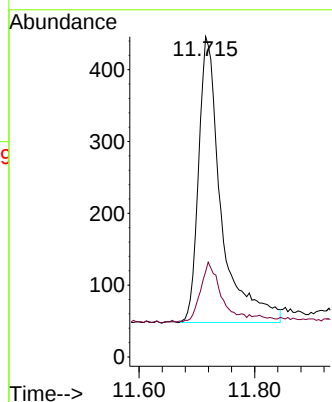
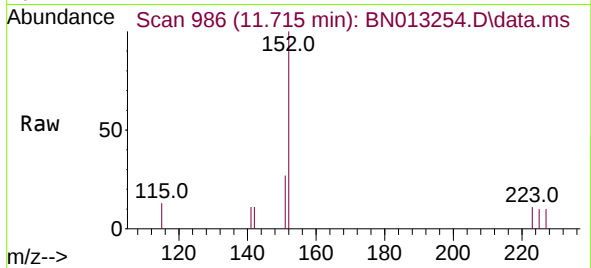




#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.715 min Scan# 986
Delta R.T. -0.009 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

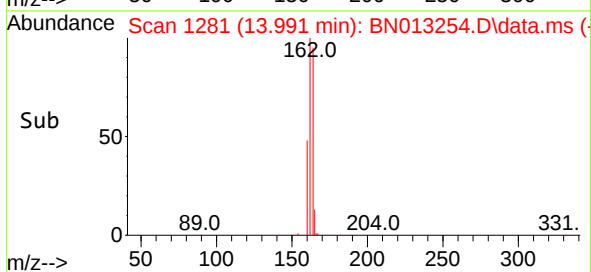
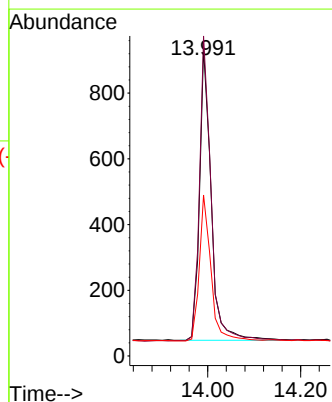
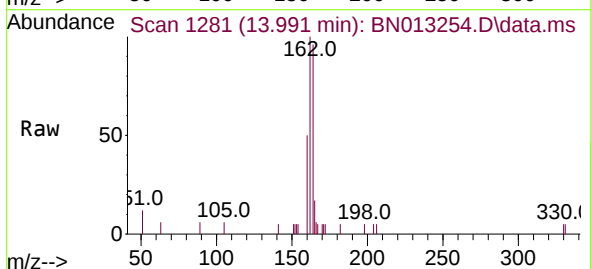
Instrument :
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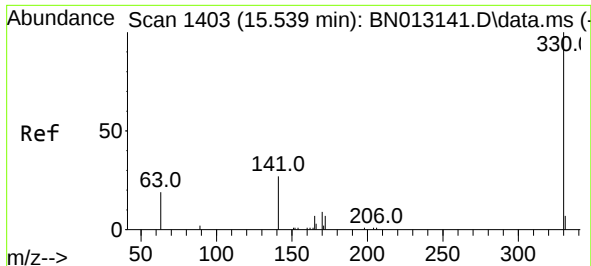
Tgt Ion:152 Resp: 1086
Ion Ratio Lower Upper
152 100
151 18.6 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:164 Resp: 1535
Ion Ratio Lower Upper
164 100
162 104.2 80.6 120.8
160 52.4 39.5 59.3

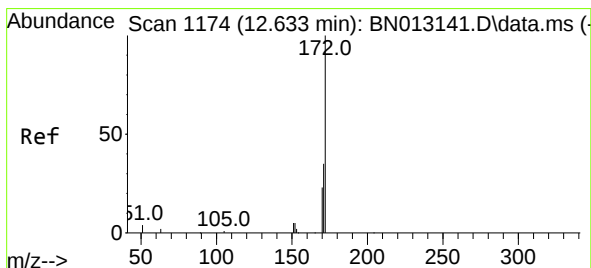
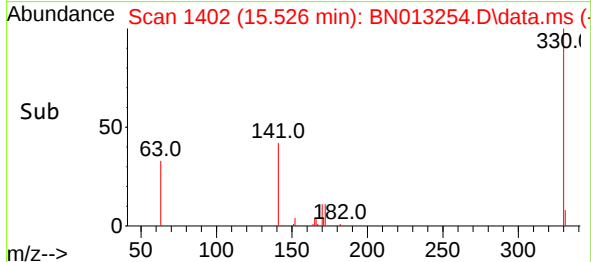
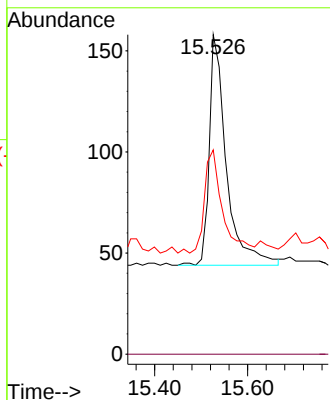
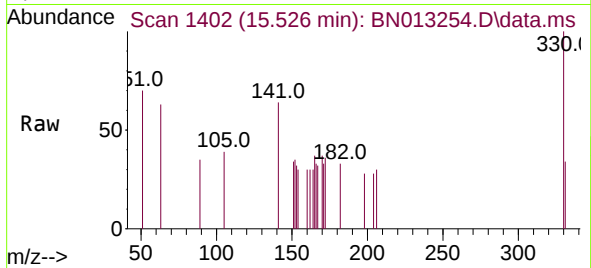




#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

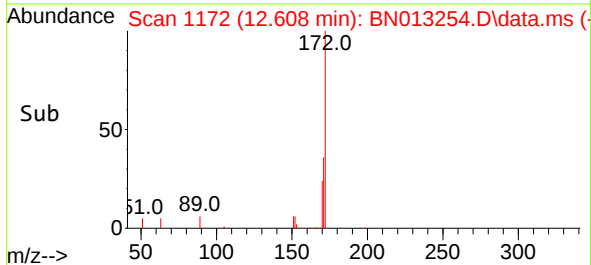
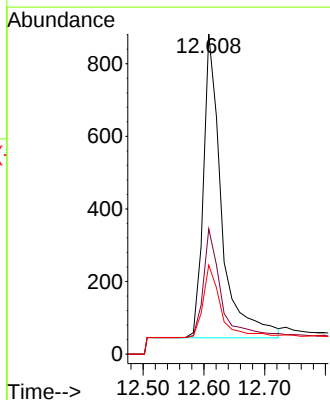
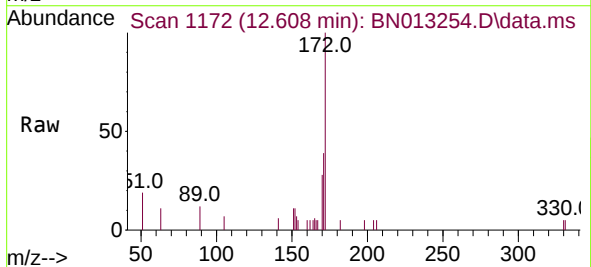
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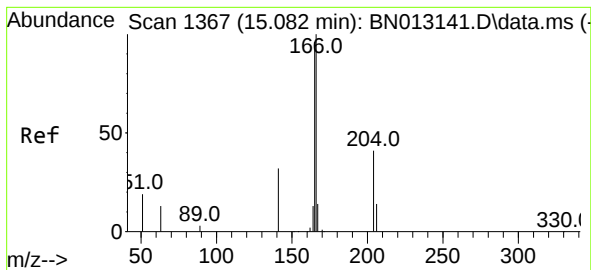
Tgt Ion:330 Resp: 292
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.9 34.4 51.6



#15
2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:172 Resp: 1746
Ion Ratio Lower Upper
172 100
171 39.1 28.2 42.4
170 27.8 20.0 30.0

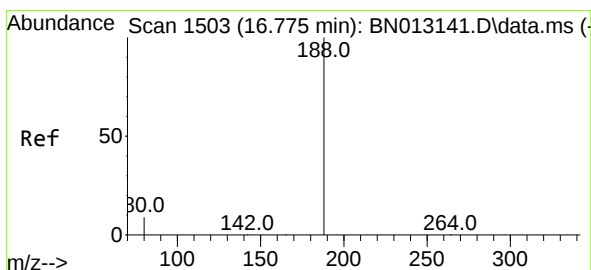
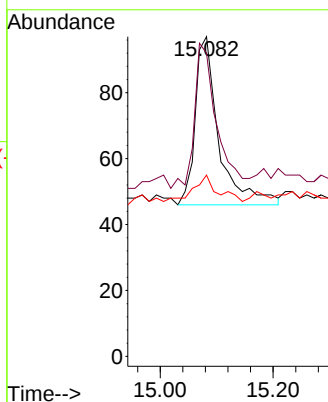
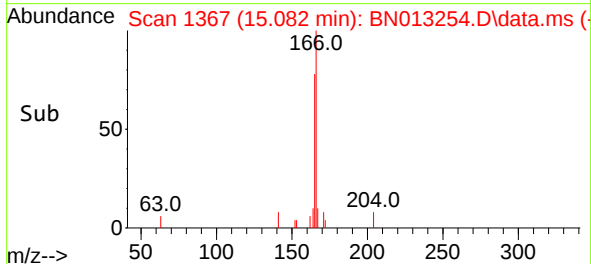
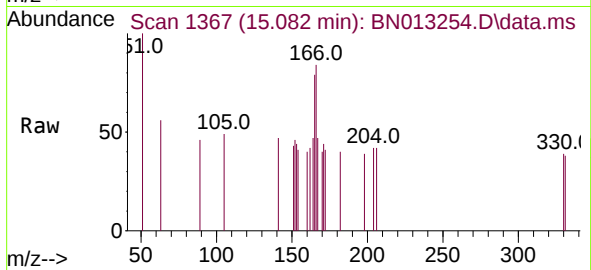




#18
Fluorene
Concen: 0.02 ng
RT: 15.082 min Scan# 1367
Delta R.T. 0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

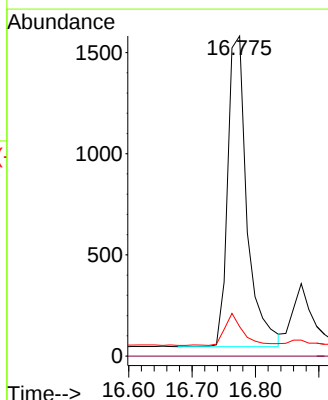
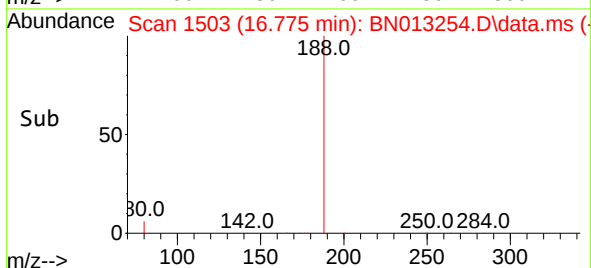
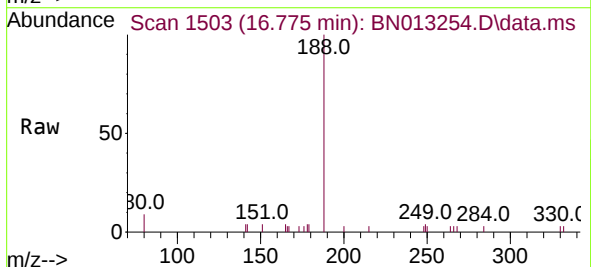
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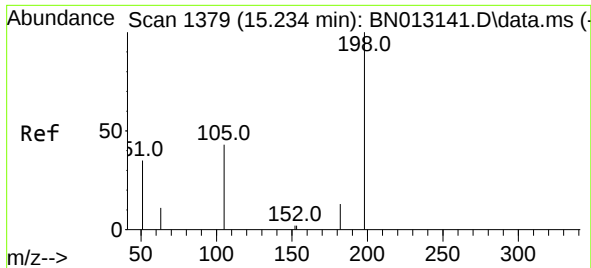
Tgt Ion:166 Resp: 148
Ion Ratio Lower Upper
166 100
165 81.1 78.6 118.0
167 15.5 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.001 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:188 Resp: 3250
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 5.0 7.4#

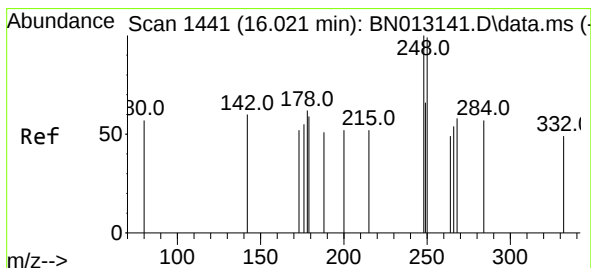
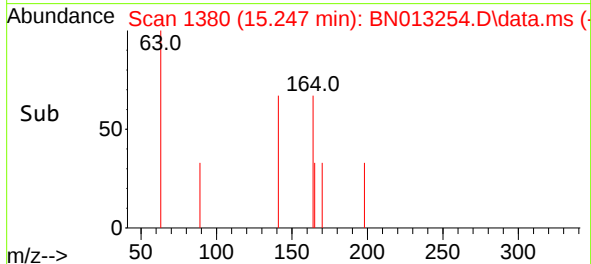
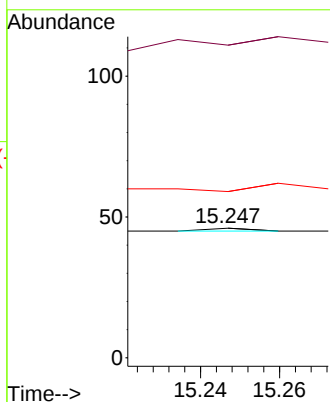
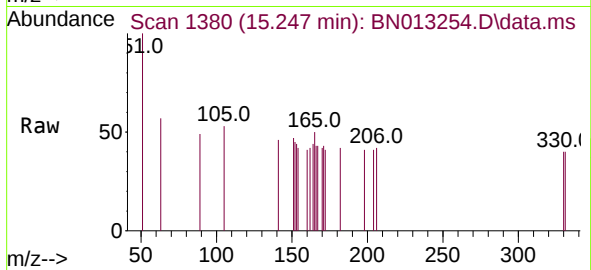




#20
4,6-Dinitro-2-methylphenol
Concen: 0.19 ng
RT: 15.247 min Scan# 1380
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

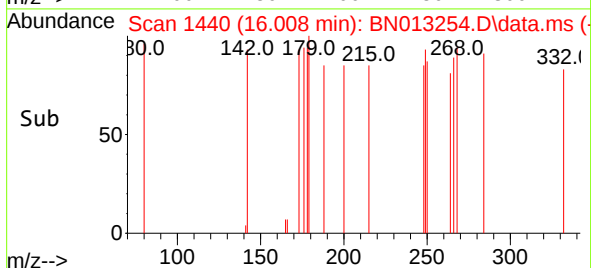
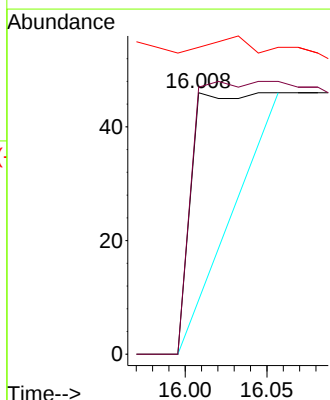
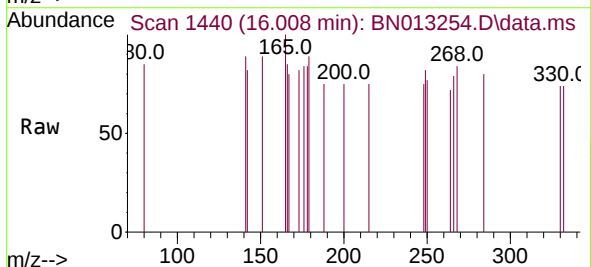
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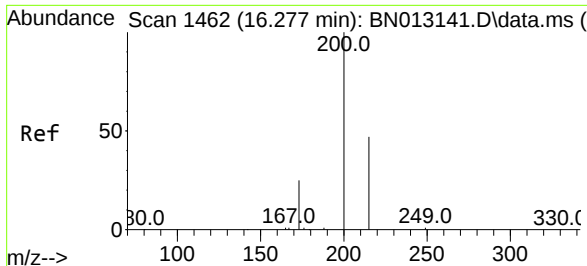
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 241.3 43.5 65.3#
105 128.3 27.2 40.8#



#21
4-Bromophenyl-phenylether
Concen: 0.13 ng
RT: 16.008 min Scan# 1440
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:248 Resp: 83
Ion Ratio Lower Upper
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250 102.2 77.3 115.9
141 117.4 57.8 86.8#

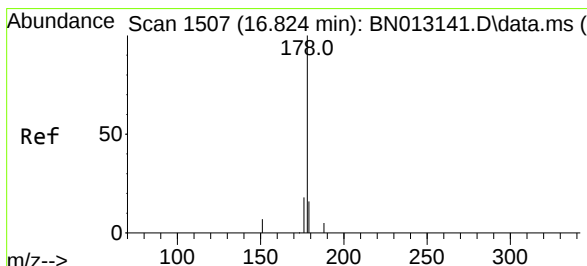
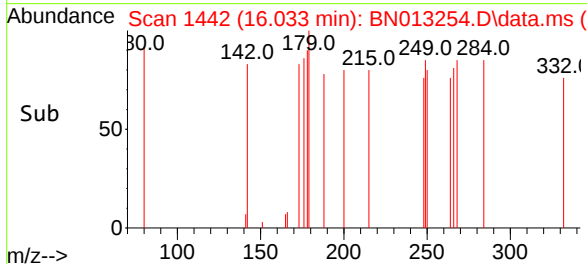
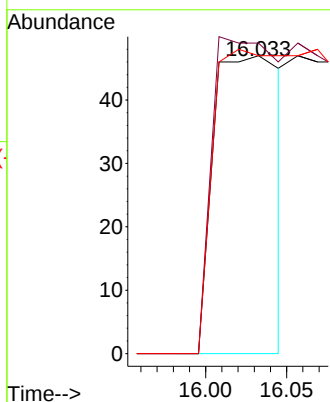
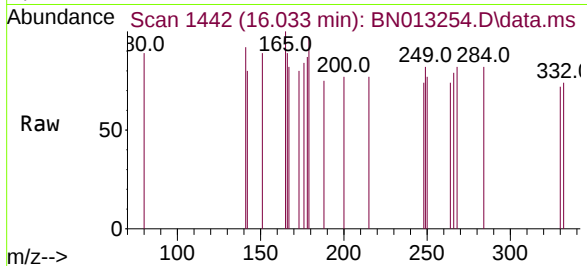




#23
Atrazine
Concen: 0.07 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.244 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

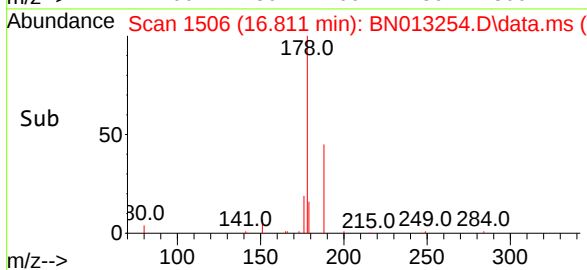
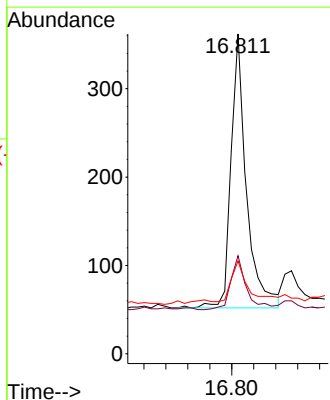
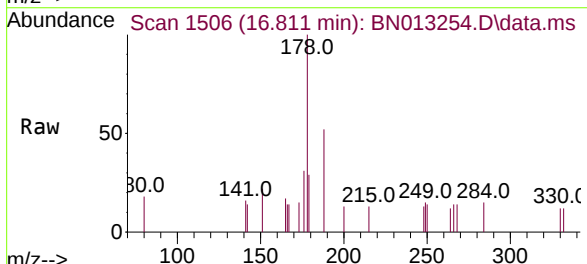
Instrument :
BNA_N
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DUP06-20201213

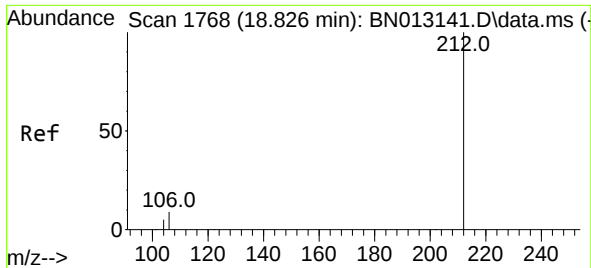
Tgt Ion:200	Resp:	137
Ion Ratio	Lower	Upper
200	100	
173	104.3	22.8 34.2#
215	100.0	38.1 57.1#



#25
Phenanthrene
Concen: 0.06 ng
RT: 16.811 min Scan# 1506
Delta R.T. -0.001 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:178	Resp:	605
Ion Ratio	Lower	Upper
178	100	
176	19.7	14.8 22.2
179	14.2	12.4 18.6

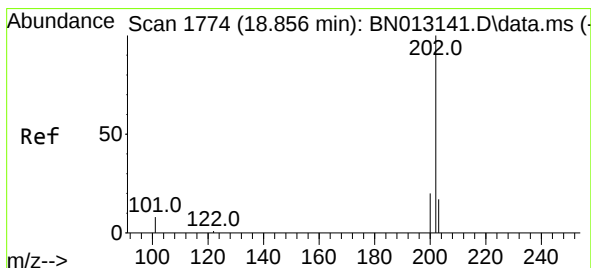
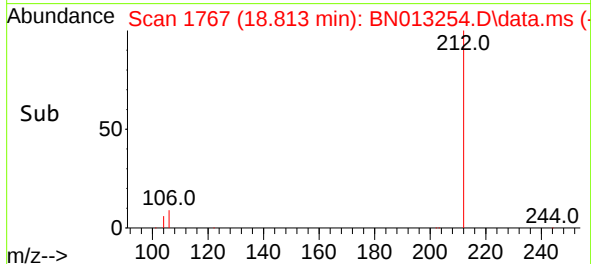
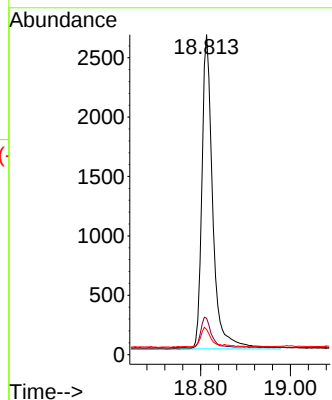
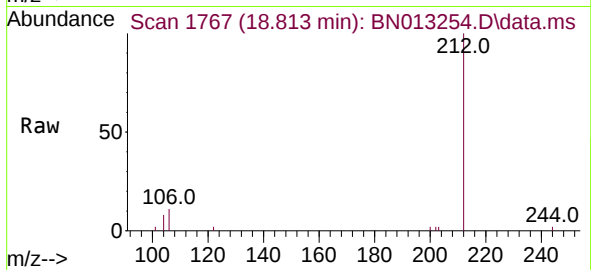




#27
Fluoranthene-d10
Concen: 0.42 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.008 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

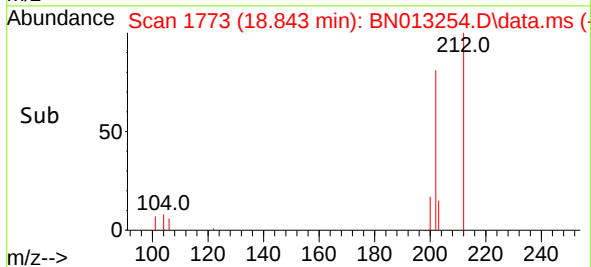
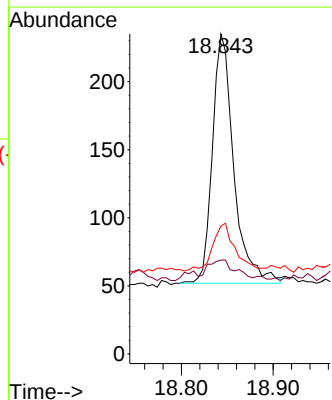
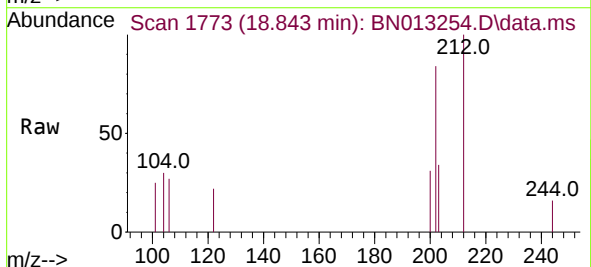
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

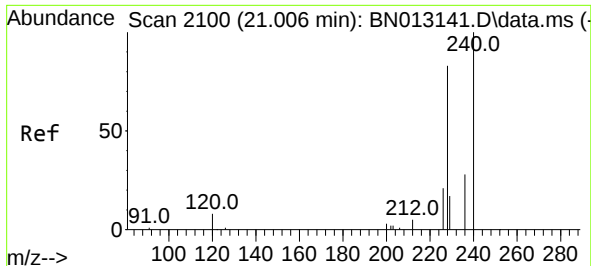
Tgt Ion:212 Resp: 4462
Ion Ratio Lower Upper
212 100
106 9.7 6.8 10.2
104 5.5 4.1 6.1



#28
Fluoranthene
Concen: 0.02 ng
RT: 18.843 min Scan# 1773
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:202 Resp: 297
Ion Ratio Lower Upper
202 100
101 9.4 5.8 8.6#
203 20.9 13.7 20.5#

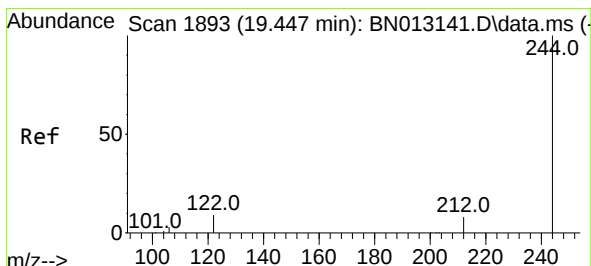
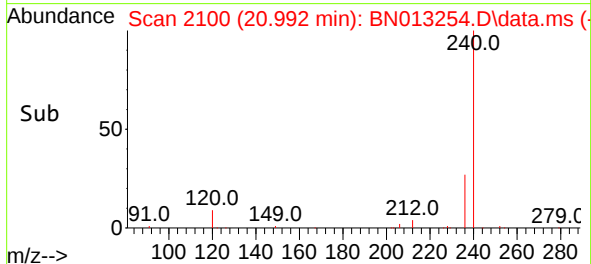
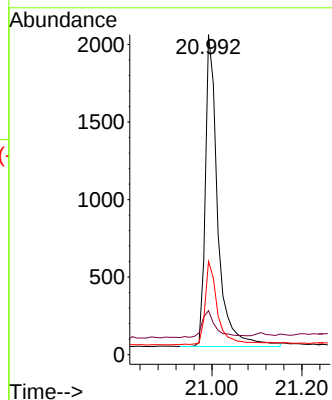
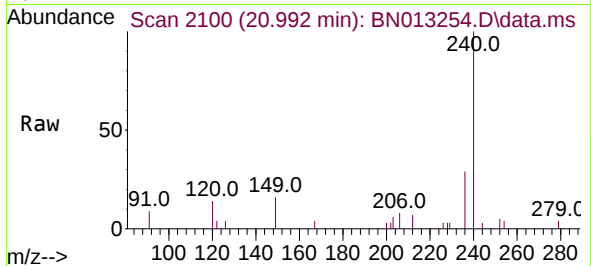




#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.992 min Scan# 2100
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

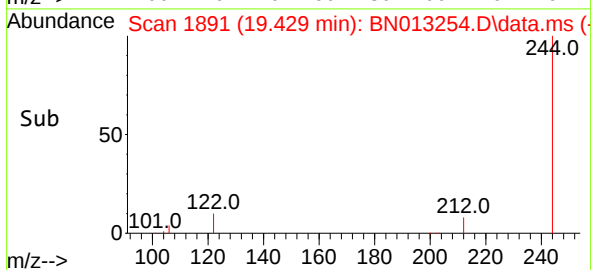
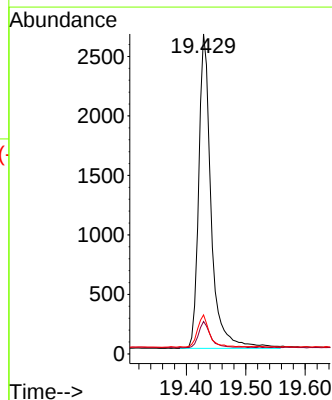
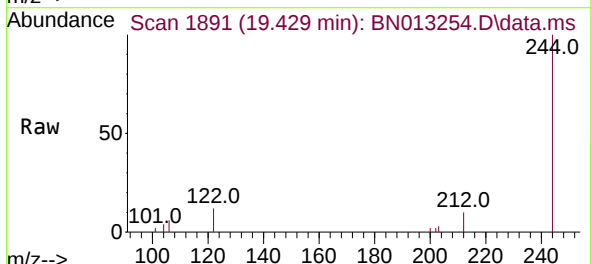
Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

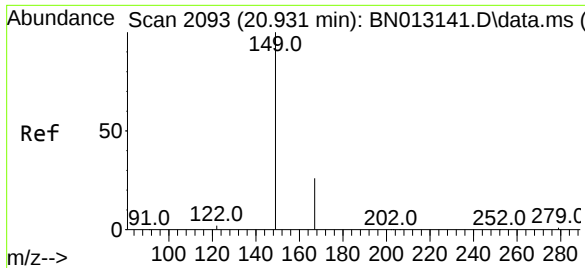
Tgt Ion:240 Resp: 3839
Ion Ratio Lower Upper
240 100
120 13.8 5.3 7.9#
236 29.1 21.8 32.8



#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.018 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:244 Resp: 3840
Ion Ratio Lower Upper
244 100
212 10.2 7.3 10.9
122 12.2 7.3 10.9#



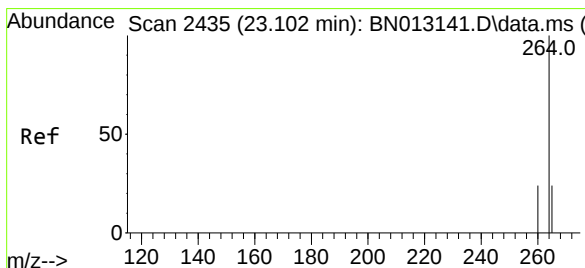
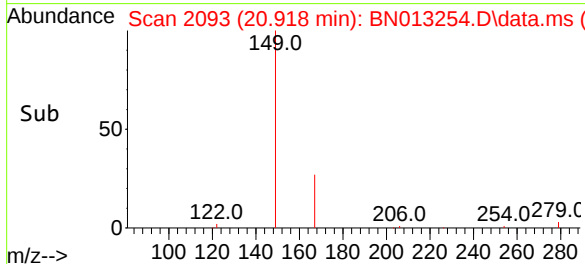
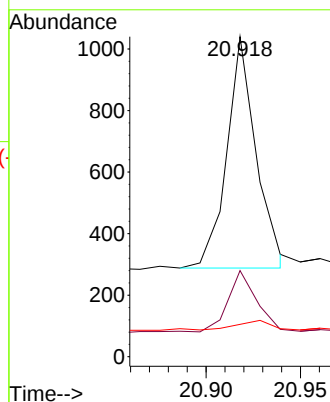
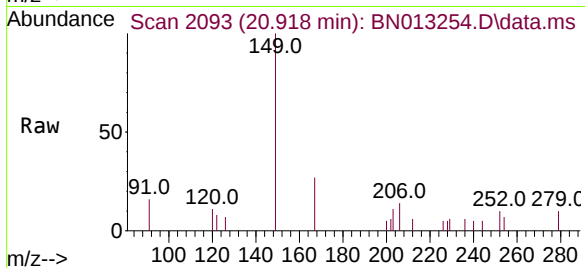


#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 20.918 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Instrument :
BNA_N
ClientSampleId :
DUP06-20201213

Tgt Ion:149 Resp: 814

Ion	Ratio	Lower	Upper
149	100		
167	25.4	23.2	34.8
279	5.3	3.9	5.9



#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.013 min
Lab File: BN013254.D
Acq: 22 Dec 2020 01:53

Tgt Ion:264 Resp: 4358

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.8	29.6
265	68.8	51.4	77.0

