

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
 Data File : BN013875.D
 Acq On : 08 Mar 2021 18:24
 Operator : CG/JU
 Sample : M1594-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-187-200-030521

Quant Time: Mar 08 23:12:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 08 10:32:09 2021
 Response via : Initial Calibration

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

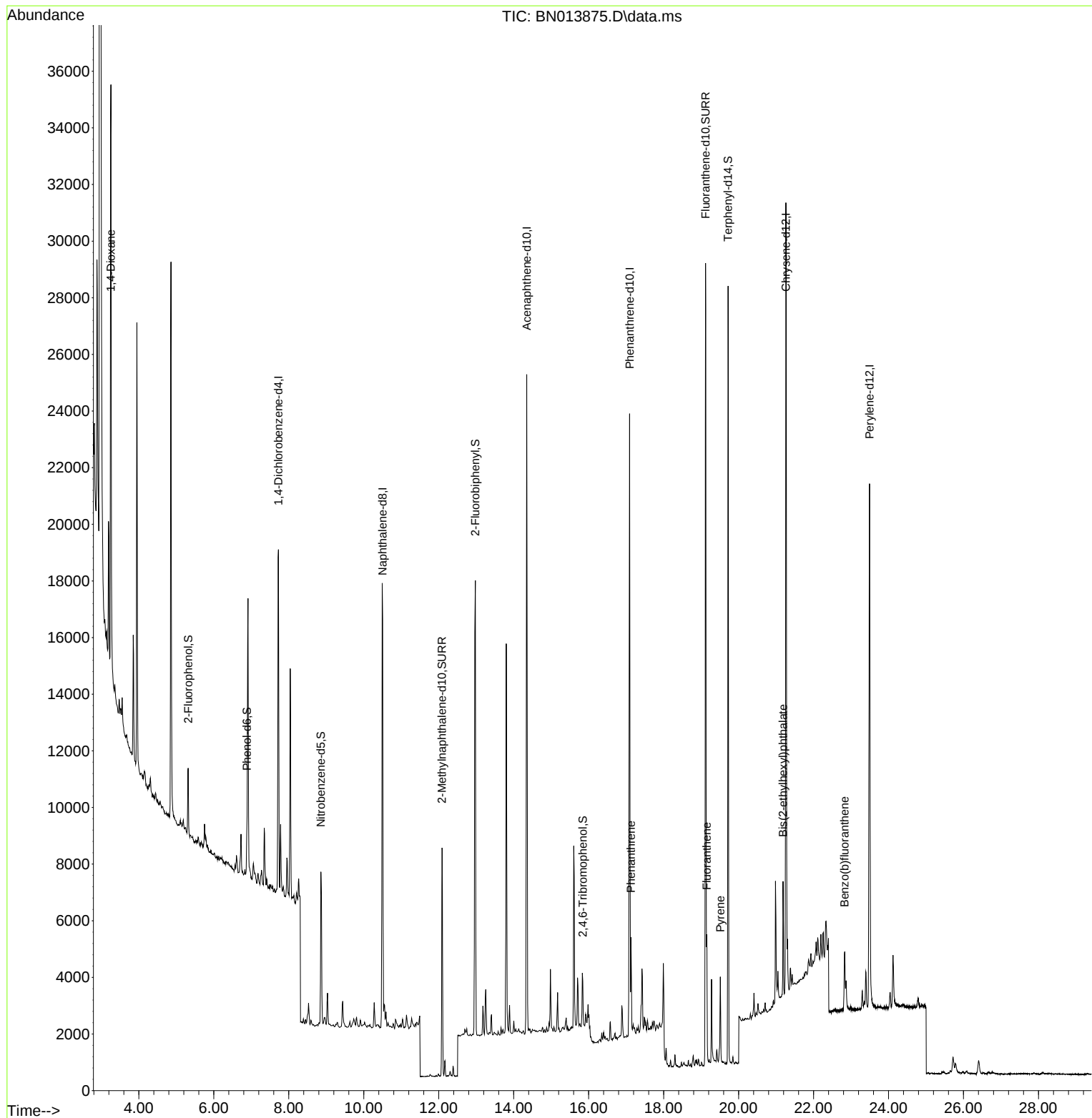
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5747	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	22431	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	12564	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	28300	0.40	ng	# 0.00
29) Chrysene-d12	21.261	240	28295	0.40	ng	0.00
36) Perylene-d12	23.493	264	25742	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	1851	0.12	ng	0.00
5) Phenol-d6	6.887	99	1352	0.07	ng	0.00
8) Nitrobenzene-d5	8.857	82	4455	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	10834	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1503	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	15204	0.34	ng	0.00
27) Fluoranthene-d10	19.119	212	32319	0.39	ng	0.00
31) Terphenyl-d14	19.720	244	26641	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.255	88	12956	1.86	ng	# 93
25) Phenanthrene	17.128	178	3519	0.05	ng	# 96
28) Fluoranthene	19.149	202	3524	0.04	ng	# 92
30) Pyrene	19.511	202	2583	0.03	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.186	149	3741	0.09	ng	97
37) Benzo(b)fluoranthene	22.829	252	2201	0.03	ng	# 4

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

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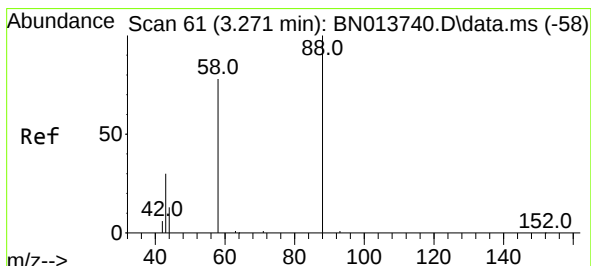
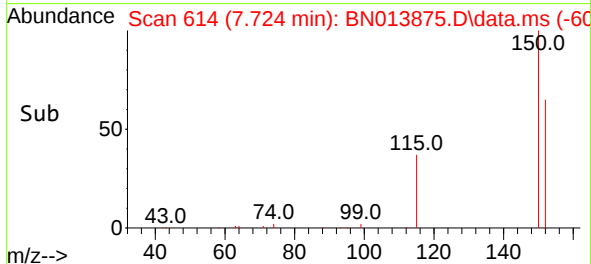
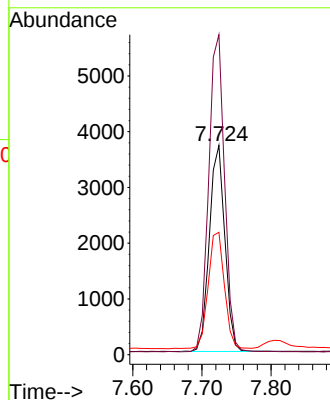
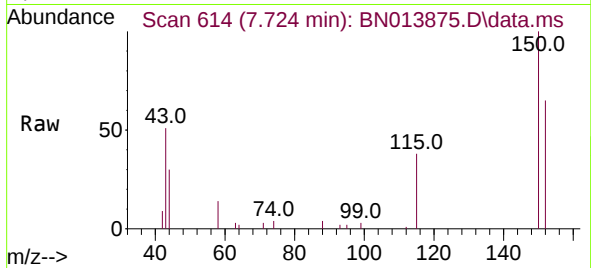




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

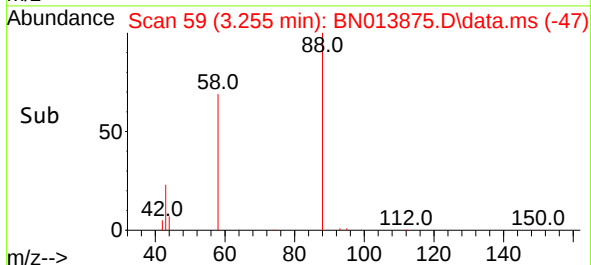
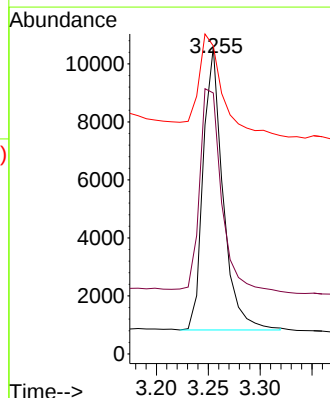
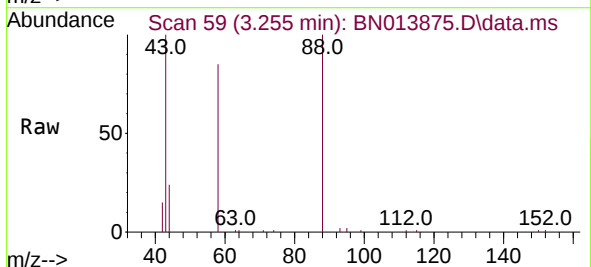
Instrument :
BNA_N
ClientSampleId :
GWBR3-187-200-030521

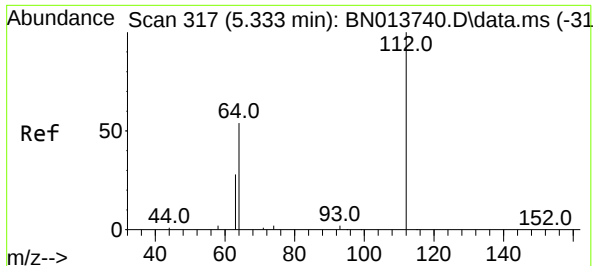
Tgt Ion:152 Resp: 5747
Ion Ratio Lower Upper
152 100
150 152.9 121.8 182.8
115 58.5 46.6 69.8



#2
1,4-Dioxane
Concen: 1.86 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

Tgt Ion: 88 Resp: 12956
Ion Ratio Lower Upper
88 100
58 79.0 64.6 96.8
43 43.5 26.6 40.0#

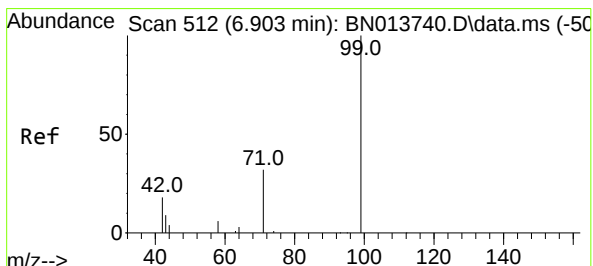
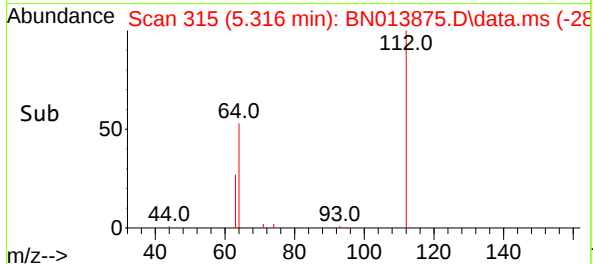
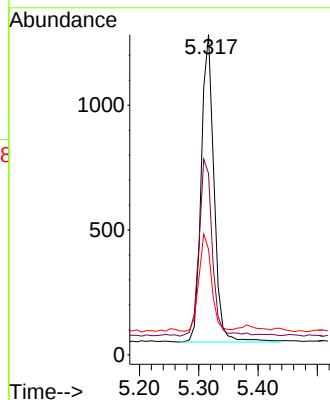
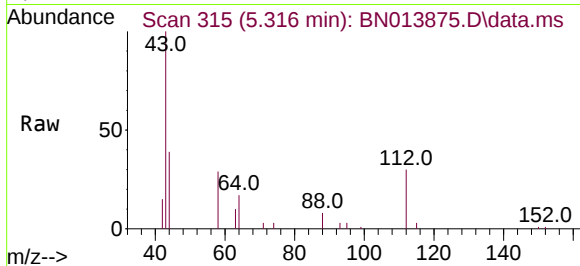




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

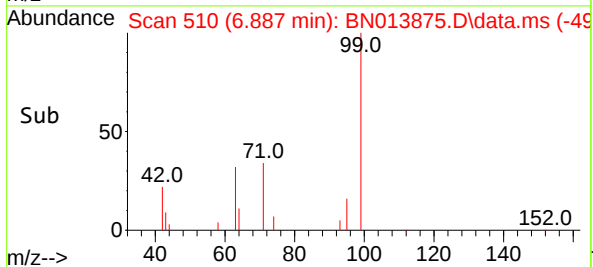
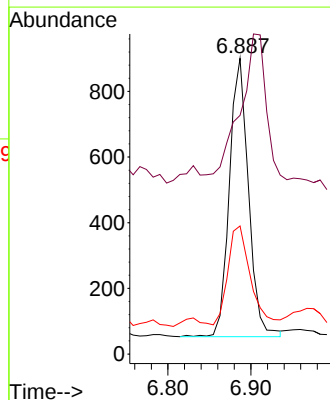
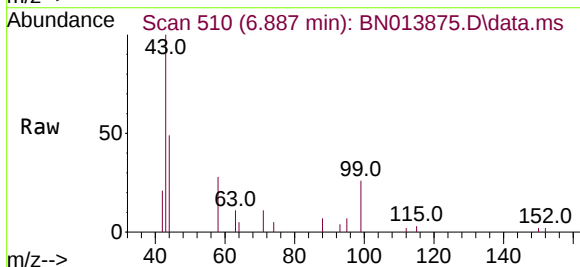
Instrument :
BNA_N
ClientSampleId :
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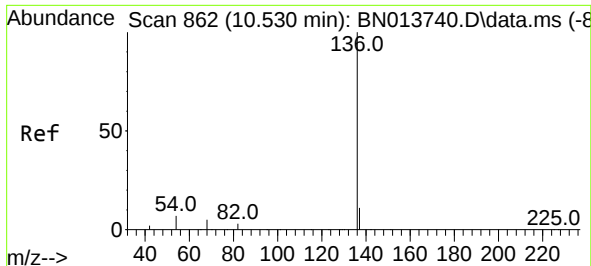
Tgt Ion:	112	Resp:	1851
Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.3	66.5
63	31.7	23.0	34.6



#5
Phenol-d6
Concen: 0.07 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

Tgt Ion:	99	Resp:	1352
Ion	Ratio	Lower	Upper
99	100		
42	86.2	15.2	22.8#
71	44.1	26.1	39.1#

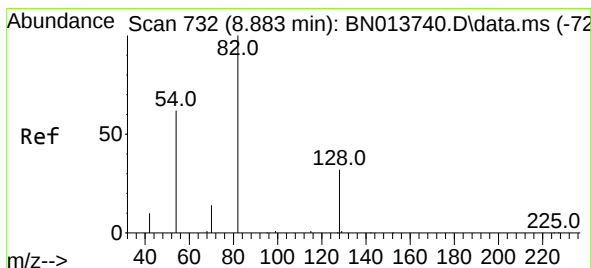
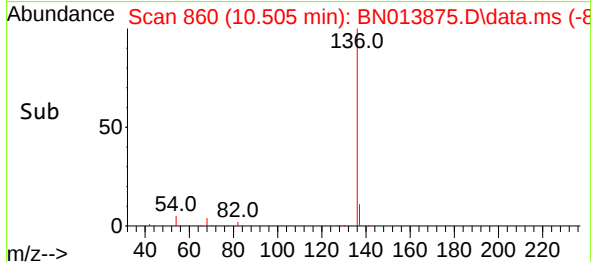
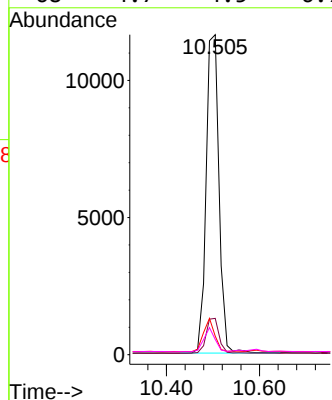
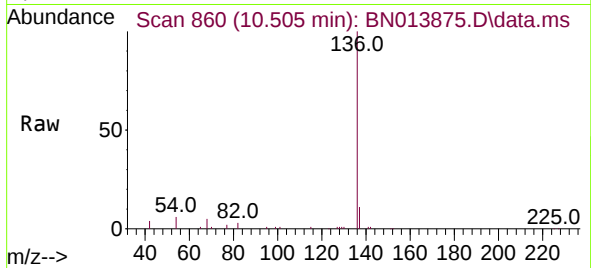




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

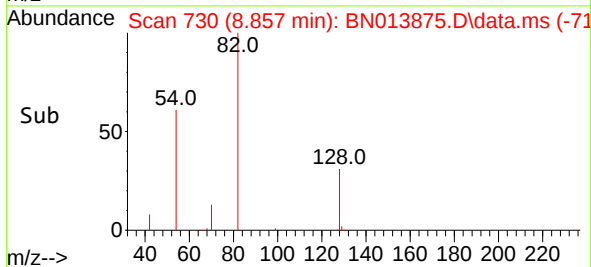
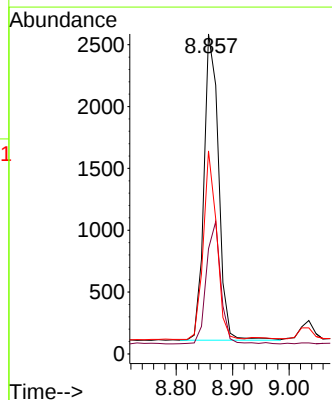
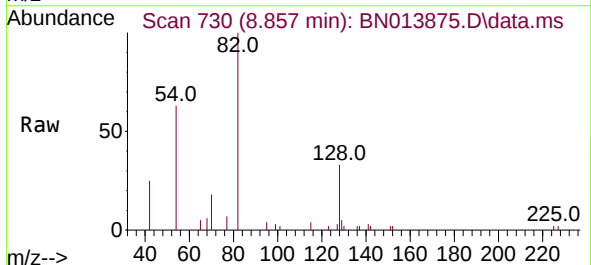
Instrument :
BNA_N
ClientSampleId :
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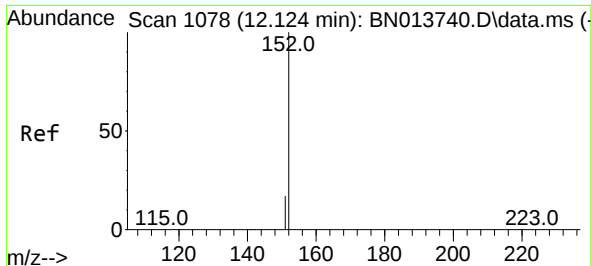
Tgt Ion:136	Resp:	22431
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	5.8	6.4 9.6#
68	4.7	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

Tgt Ion: 82	Resp:	4455
Ion Ratio	Lower	Upper
82	100	
128	32.9	39.2 58.8#
54	63.5	40.1 60.1#

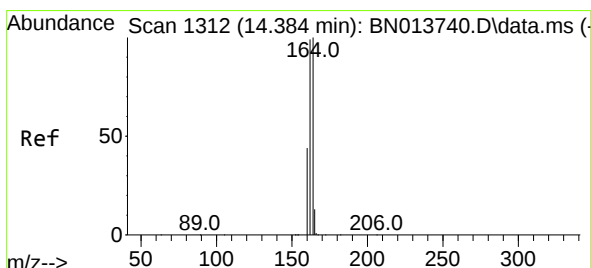
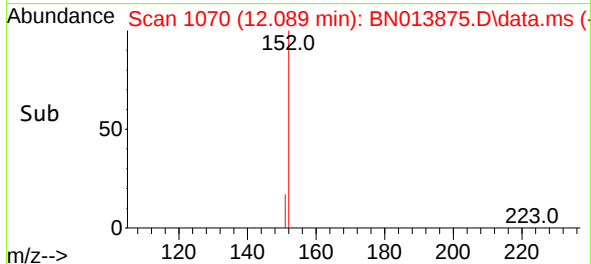
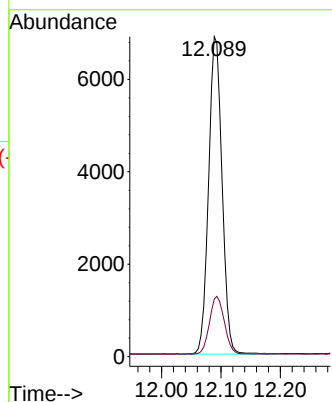
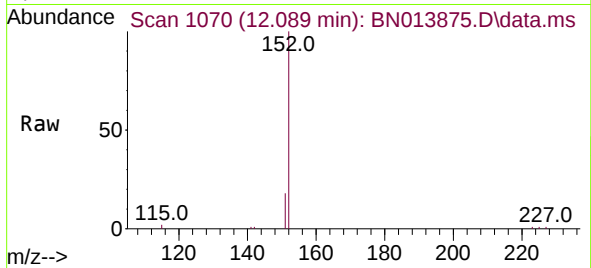




#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.089 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

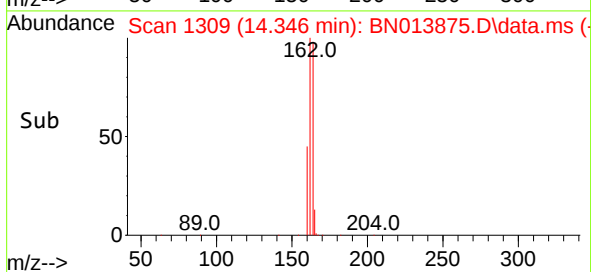
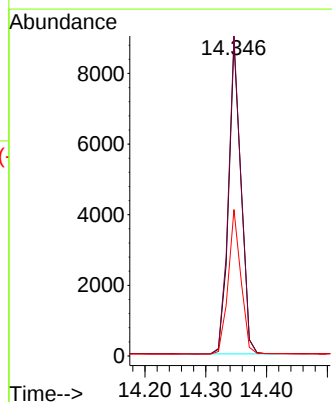
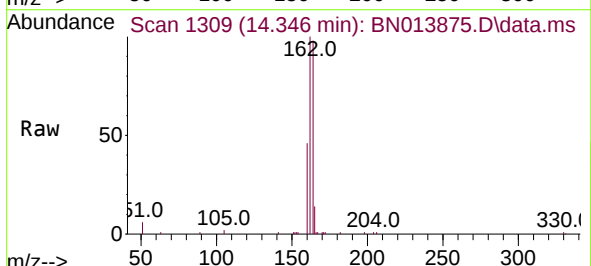
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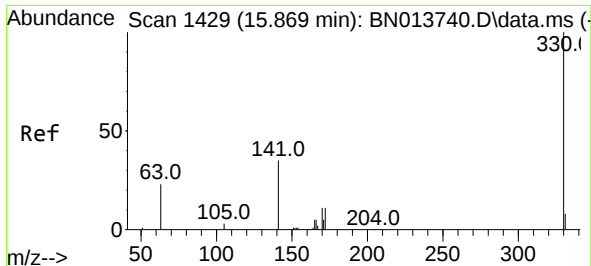
Tgt Ion:152 Resp: 10834
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

Tgt Ion:164 Resp: 12564
Ion Ratio Lower Upper
164 100
162 102.1 79.6 119.4
160 46.7 36.0 54.0

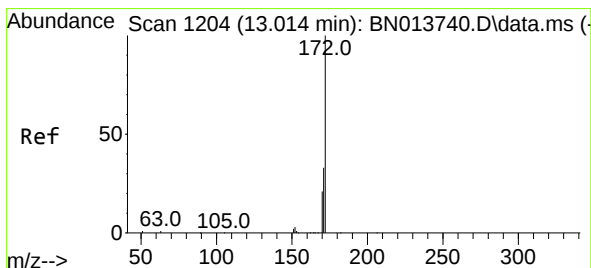
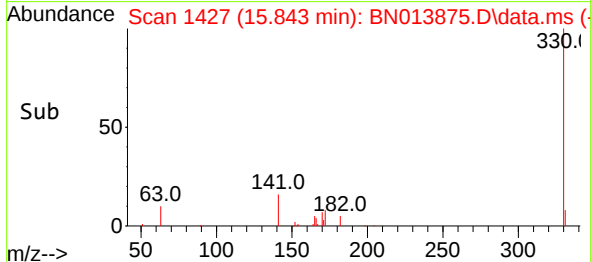
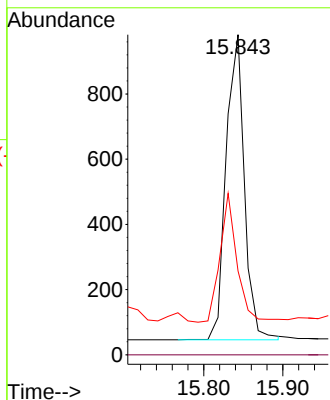
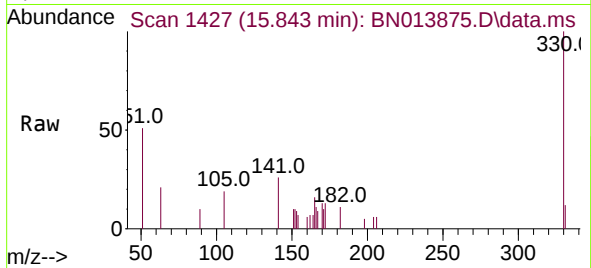




#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

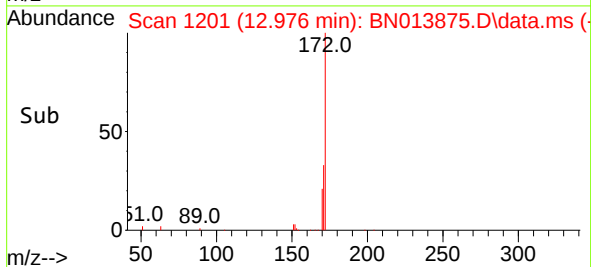
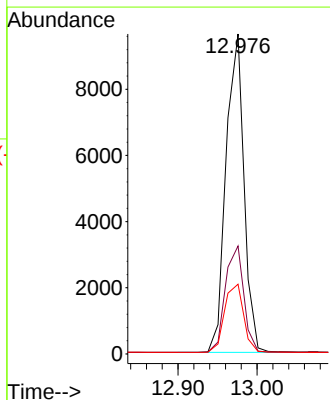
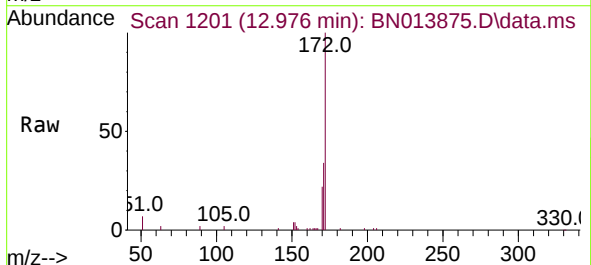
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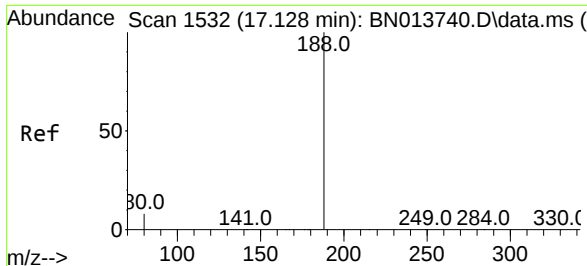
Tgt Ion:330 Resp: 1503
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

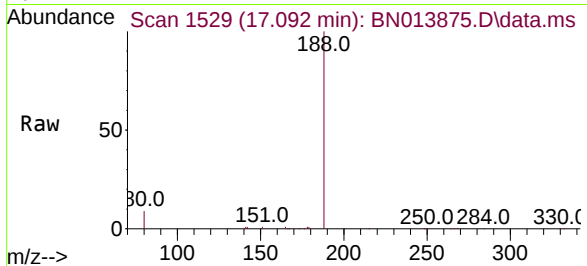
Tgt Ion:172 Resp: 15204
Ion Ratio Lower Upper
172 100
171 33.8 28.6 42.8
170 21.8 18.9 28.3



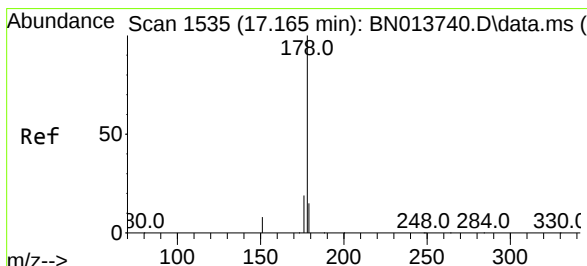
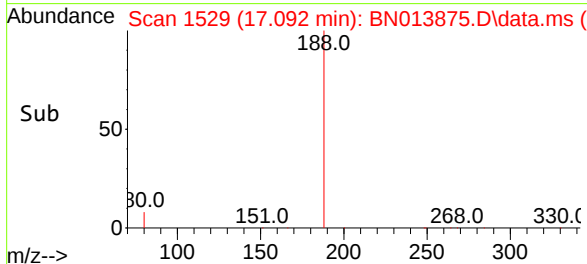
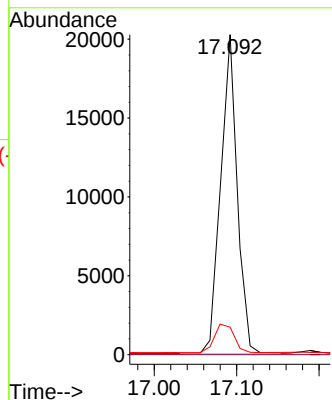


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.001 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

Instrument :
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ClientSampleId :
GWBR3-187-200-030521

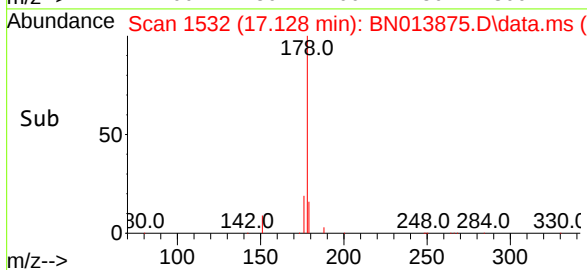
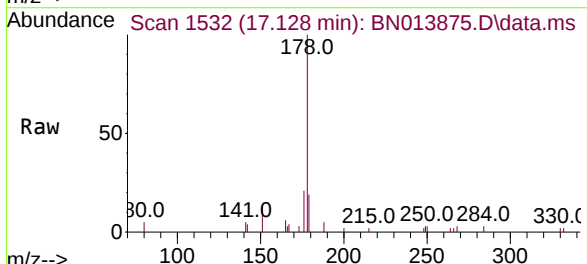
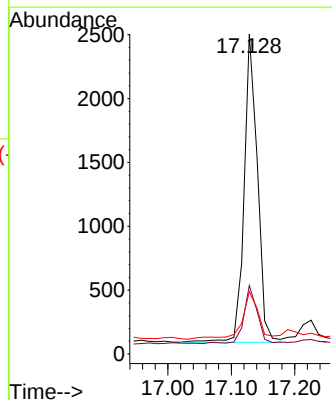


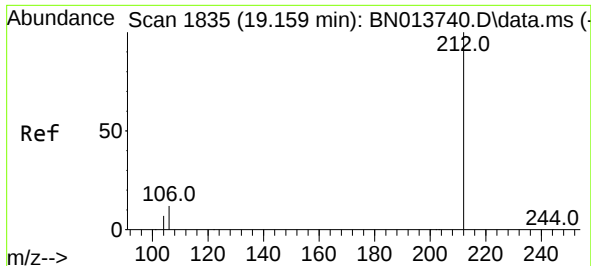
Tgt Ion:	188	Resp:	28300
Ion Ratio	100	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	9.0	13.6#



#25
Phenanthrene
Concen: 0.05 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.001 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

Tgt Ion:	178	Resp:	3519
Ion Ratio	100	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	18.9	12.3	18.5#

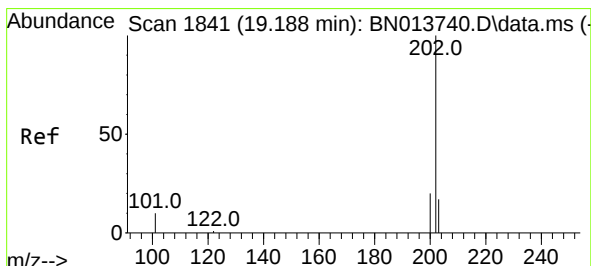
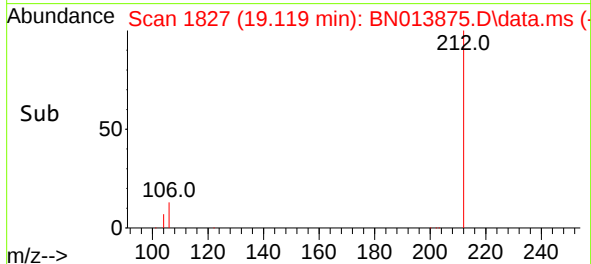
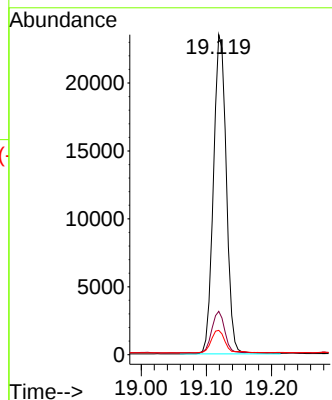
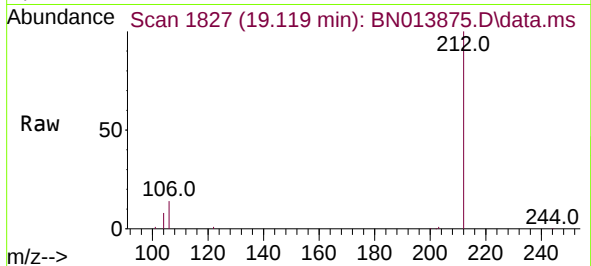




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.002 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

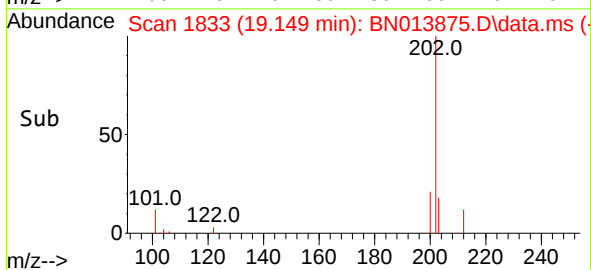
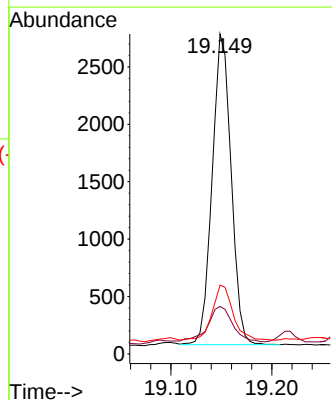
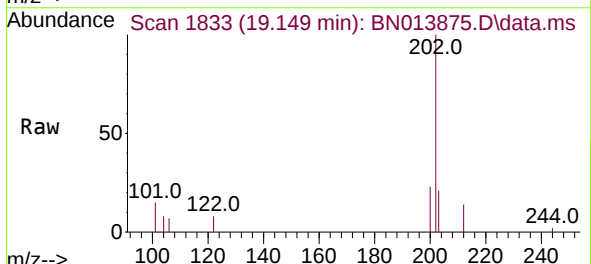
Instrument :
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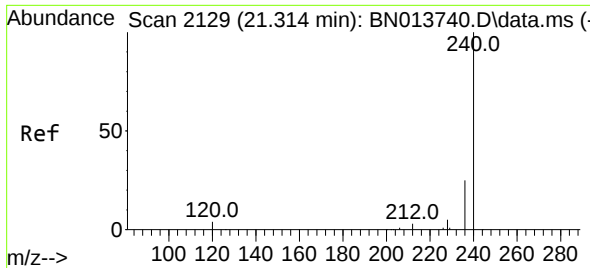
Tgt Ion:212 Resp: 32319
Ion Ratio Lower Upper
212 100
106 12.9 9.7 14.5
104 7.6 5.5 8.3



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.002 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

Tgt Ion:202 Resp: 3524
Ion Ratio Lower Upper
202 100
101 14.8 8.1 12.1#
203 19.5 13.9 20.9

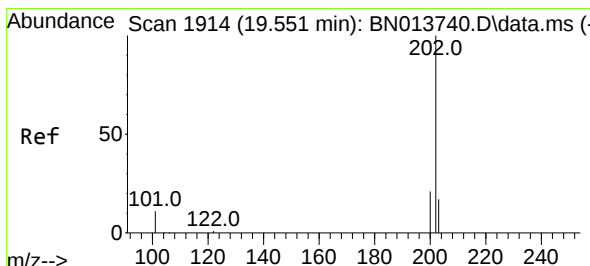
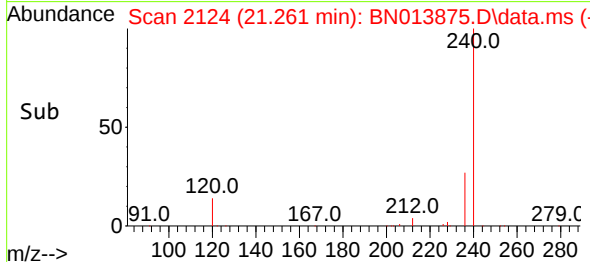
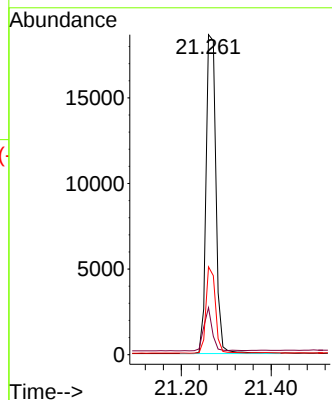
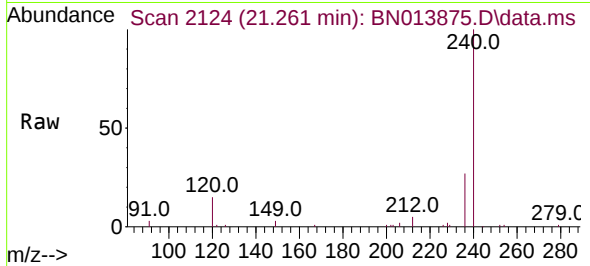




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.008 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

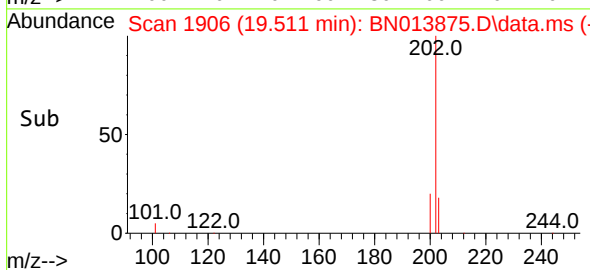
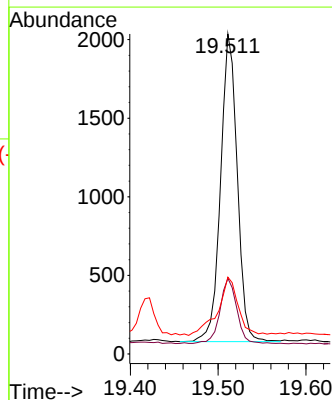
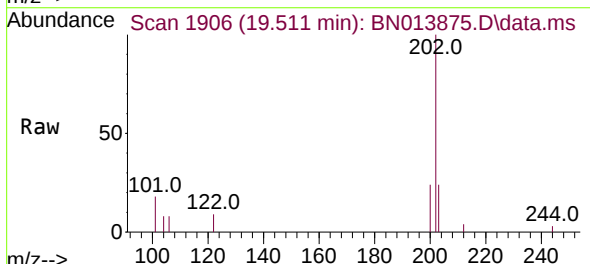
Instrument :
BNA_N
ClientSampleId :
GWBR3-187-200-030521

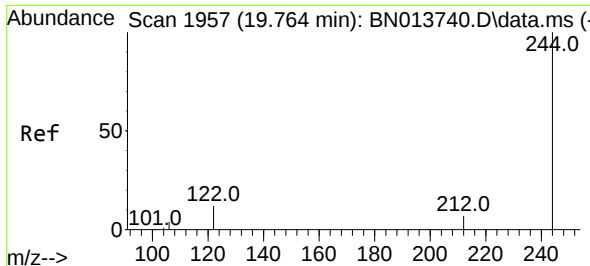
Tgt Ion:240 Resp: 28295
Ion Ratio Lower Upper
240 100
120 14.7 10.2 15.4
236 27.4 21.3 31.9



#30
Pyrene
Concen: 0.03 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BN013875.D
Acq: 08 Mar 2021 18:24

Tgt Ion:202 Resp: 2583
Ion Ratio Lower Upper
202 100
200 21.6 16.3 24.5
203 23.4 14.0 21.0#

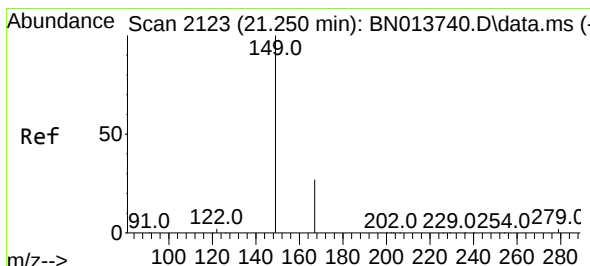
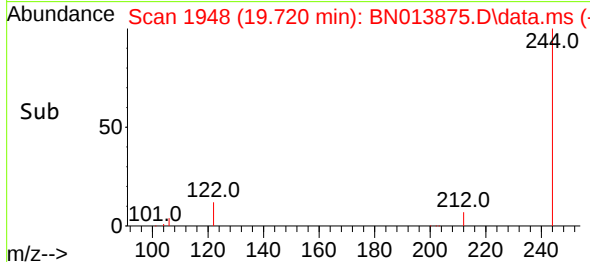
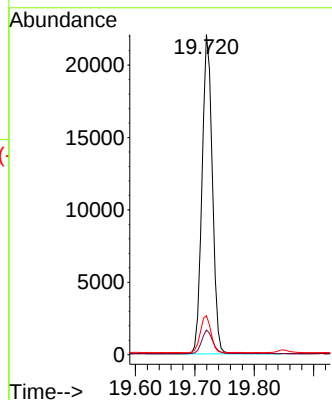
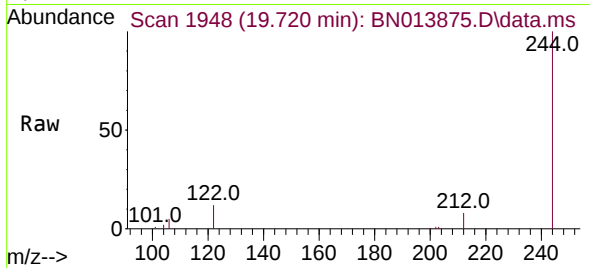




#31
 Terphenyl-d14
 Concen: 0.43 ng
 RT: 19.720 min Scan# 1948
 Delta R.T. -0.002 min
 Lab File: BN013875.D
 Acq: 08 Mar 2021 18:24

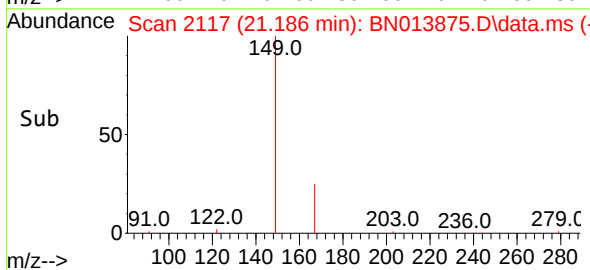
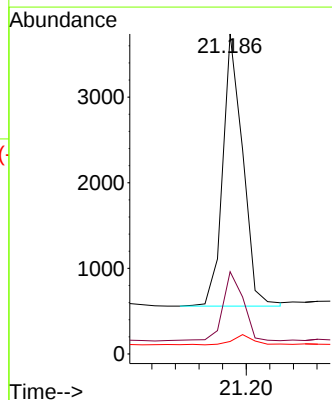
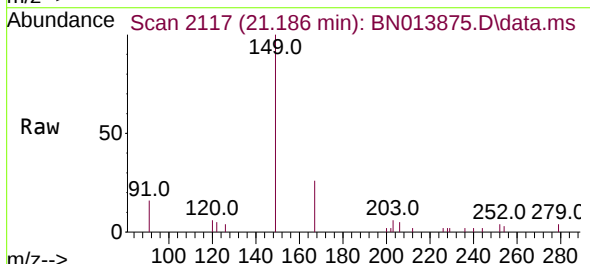
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-187-200-030521

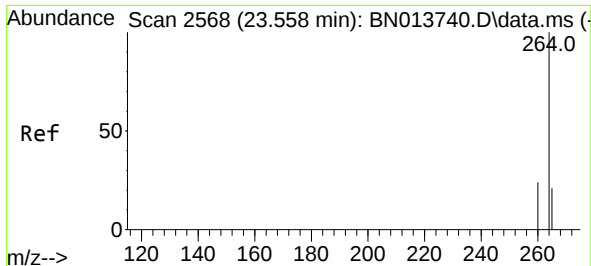
Tgt Ion:244 Resp: 26641
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 12.2 9.8 14.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.186 min Scan# 2117
 Delta R.T. -0.008 min
 Lab File: BN013875.D
 Acq: 08 Mar 2021 18:24

Tgt Ion:149 Resp: 3741
 Ion Ratio Lower Upper
 149 100
 167 26.1 22.1 33.1
 279 3.9 3.5 5.3

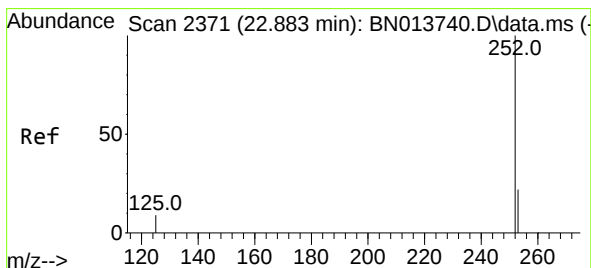
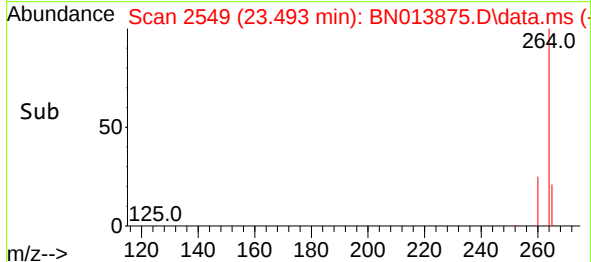
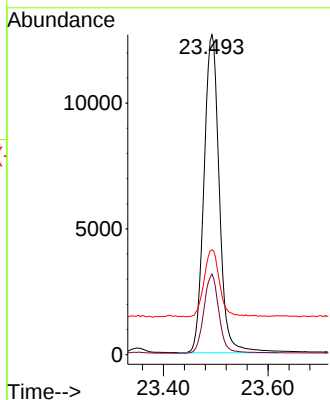
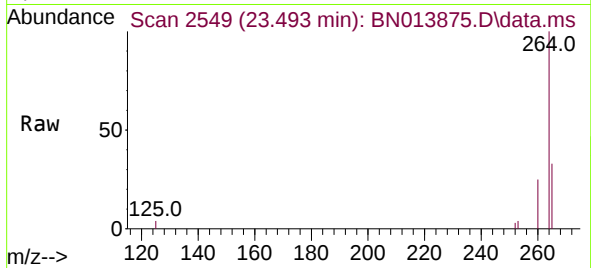




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.493 min Scan# 2549
 Delta R.T. -0.001 min
 Lab File: BN013875.D
 Acq: 08 Mar 2021 18:24

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-187-200-030521

Tgt Ion:264 Resp: 25742
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.3 28.9
 265 32.8 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.829 min Scan# 2355
 Delta R.T. 0.003 min
 Lab File: BN013875.D
 Acq: 08 Mar 2021 18:24

Tgt Ion:252 Resp: 2201
 Ion Ratio Lower Upper
 252 100
 253 57.9 20.4 30.6#
 125 77.5 11.6 17.4#

