

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
 Data File : BN012442.D
 Acq On : 29 Oct 2020 17:33
 Operator : CG/JU
 Sample : L4560-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0002

Quant Time: Oct 29 18:03:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 28 10:32:42 2020
 Response via : Initial Calibration

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

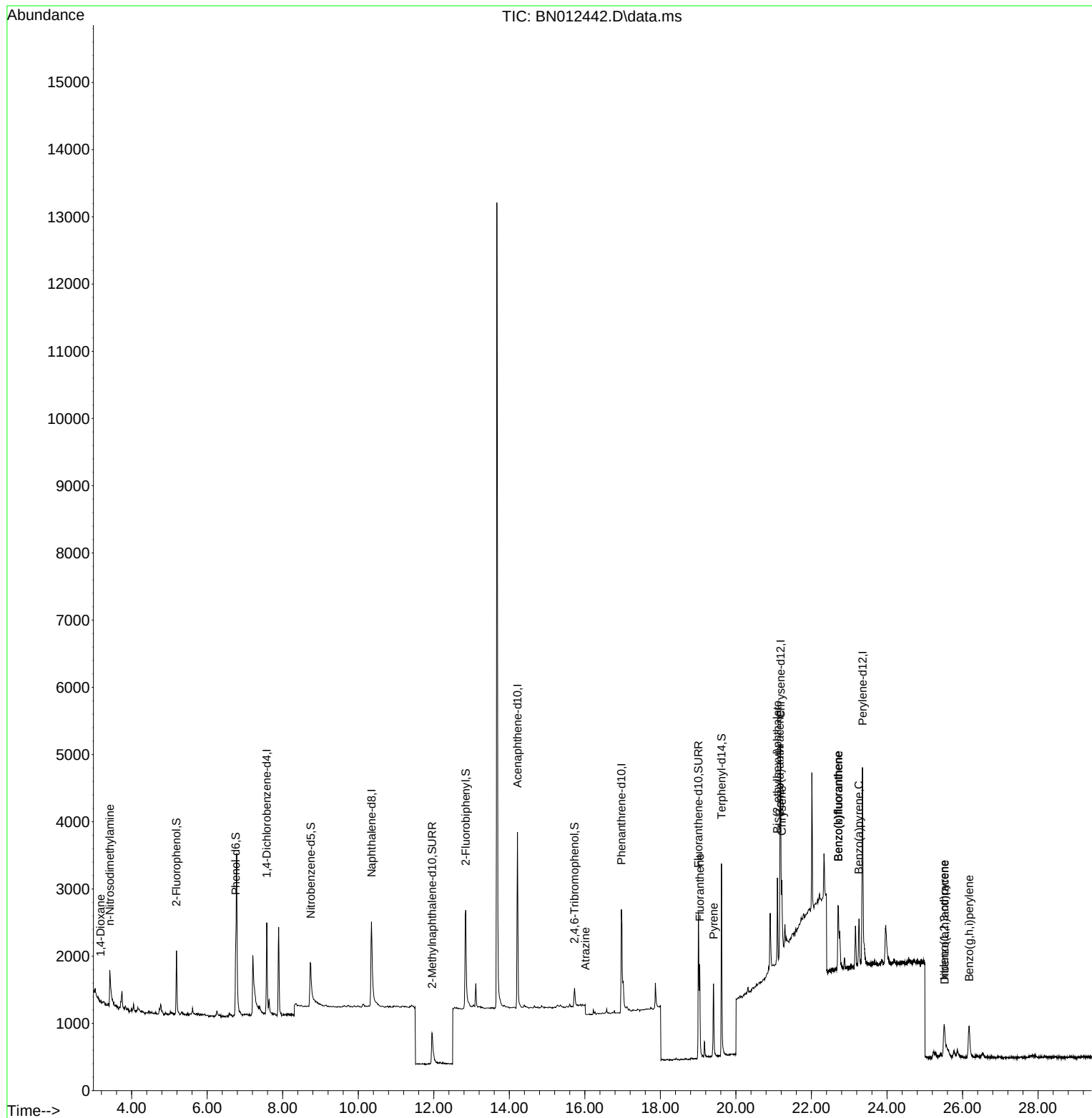
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	697	0.40	ng	# 0.00
7) Naphthalene-d8	10.351	136	2701	0.40	ng	# 0.00
13) Acenaphthene-d10	14.217	164	1573	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	3261	0.40	ng	# 0.00
29) Chrysene-d12	21.184	240	3377	0.40	ng	# 0.01
36) Perylene-d12	23.354	264	4028	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	656	0.27	ng	0.00
5) Phenol-d6	6.757	99	785	0.27	ng	0.00
8) Nitrobenzene-d5	8.742	82	1008	0.34	ng	0.01
11) 2-Methylnaphthalene-d10	11.953	152	1209	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.727	330	303	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.847	172	2006	0.34	ng	0.00
27) Fluoranthene-d10	19.007	212	3045	0.30	ng	0.00
31) Terphenyl-d14	19.618	244	3381	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	26	0.02	ng	# 32
3) n-Nitrosodimethylamine	3.422	42	221	0.08	ng	# 3
23) Atrazine	16.019	200	169	0.09	ng	# 1
28) Fluoranthene	19.042	202	1349	0.12	ng	# 97
30) Pyrene	19.410	202	1208	0.11	ng	# 92
32) Benzo(a)anthracene	21.163	228	885	0.09	ng	# 88
33) Chrysene	21.216	228	990	0.09	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.099	149	1071	0.16	ng	91
35) Indeno(1,2,3-cd)pyrene	25.513	276	828	0.05	ng	# 92
37) Benzo(b)fluoranthene	22.710	252	1612	0.13	ng	# 44
38) Benzo(k)fluoranthene	22.710	252	1612	0.12	ng	# 44
39) Benzo(a)pyrene	23.258	252	958	0.08	ng	# 30
40) Dibenzo(a,h)anthracene	25.527	278	279	0.02	ng	# 1
41) Benzo(g,h,i)perylene	26.177	276	1061	0.07	ng	# 70

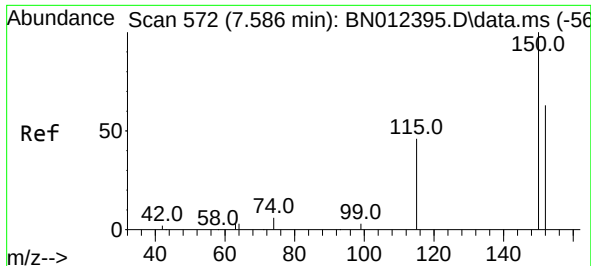
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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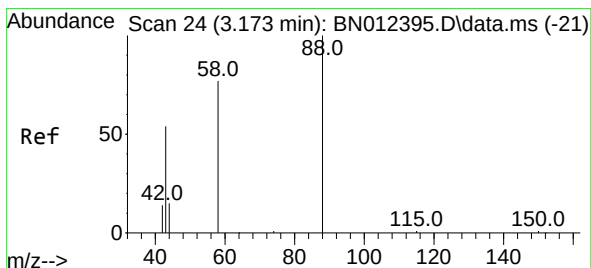
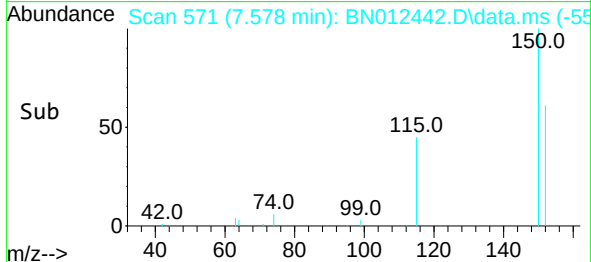
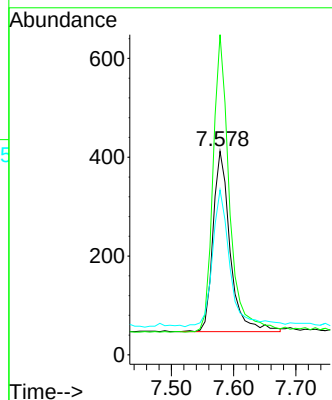
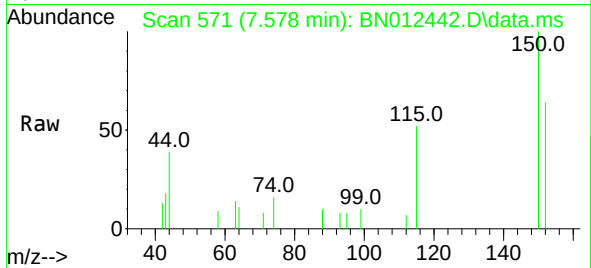




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.578 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: BN012442.D
 Acq: 29 Oct 2020 17:33

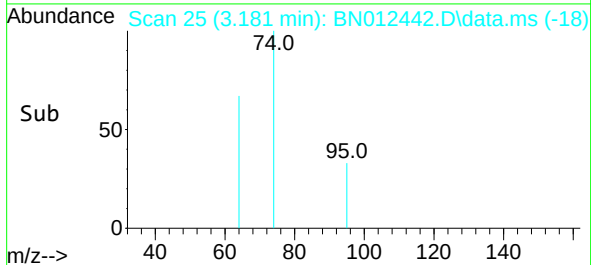
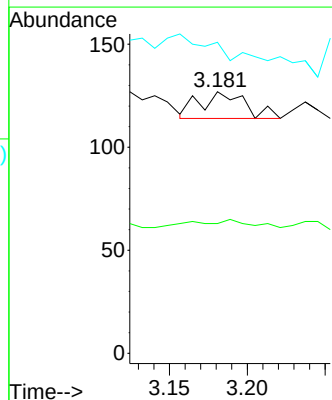
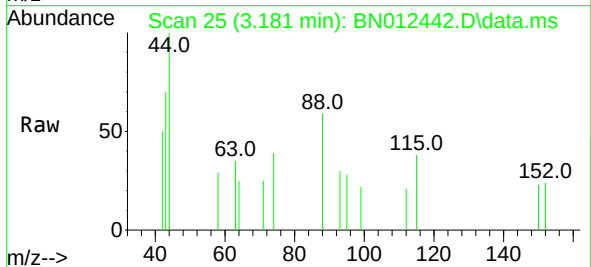
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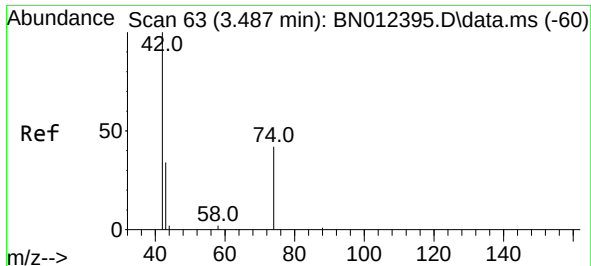
Tgt Ion:152 Resp: 697
 Ion Ratio Lower Upper
 152 100
 150 157.3 116.6 174.8
 115 81.1 52.9 79.3#



#2
 1,4-Dioxane
 Concen: 0.02 ng
 RT: 3.181 min Scan# 25
 Delta R.T. 0.008 min
 Lab File: BN012442.D
 Acq: 29 Oct 2020 17:33

Tgt Ion: 88 Resp: 26
 Ion Ratio Lower Upper
 88 100
 58 15.4 59.4 89.2#
 43 0.0 32.3 48.5#

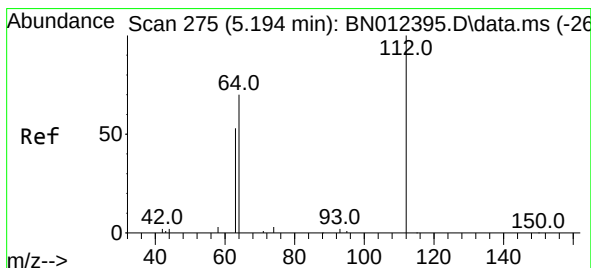
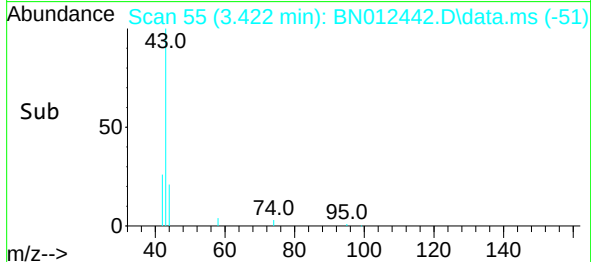
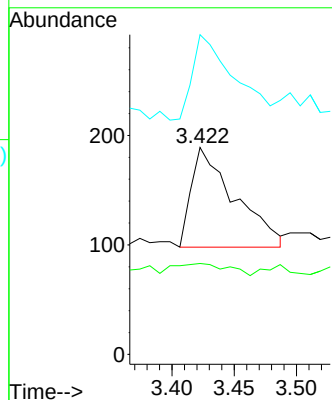
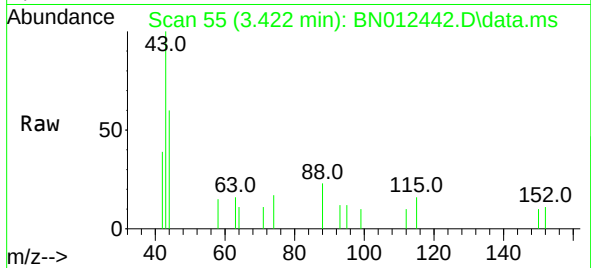




#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.422 min Scan# 55
Delta R.T. -0.065 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

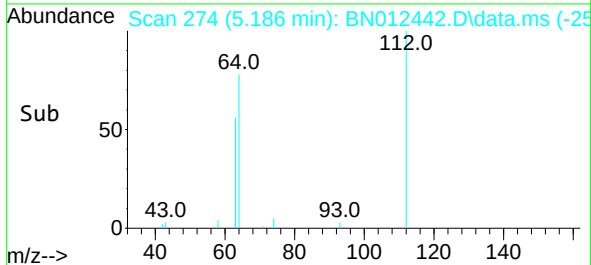
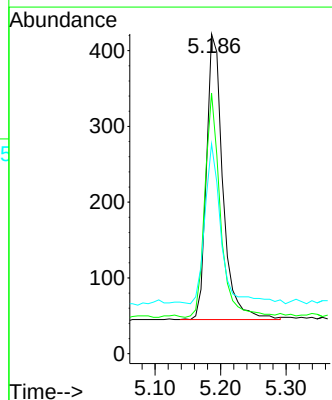
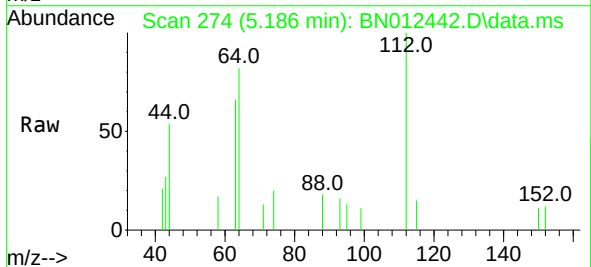
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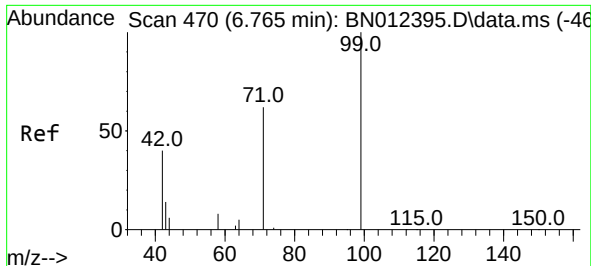
Tgt Ion: 42 Resp: 221
Ion Ratio Lower Upper
42 100
74 0.0 64.4 96.6#
44 80.1 2.8 4.2#



#4
2-Fluorophenol
Concen: 0.27 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion: 112 Resp: 656
Ion Ratio Lower Upper
112 100
64 74.4 49.5 74.3#
63 55.8 32.0 48.0#

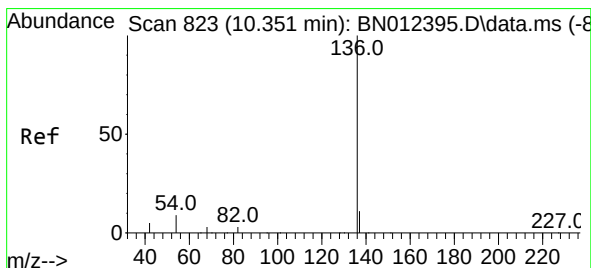
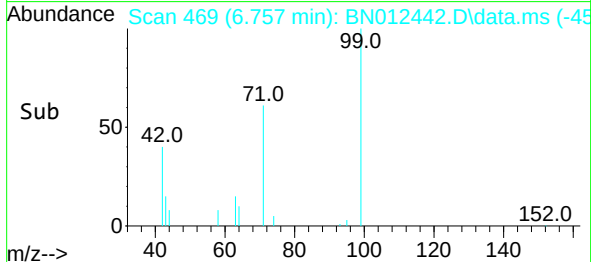
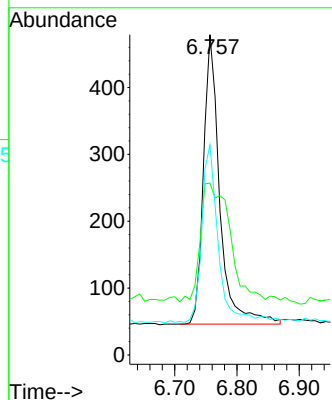
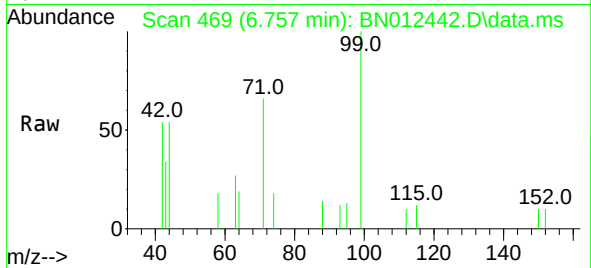




#5
Phenol-d6
Concen: 0.27 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

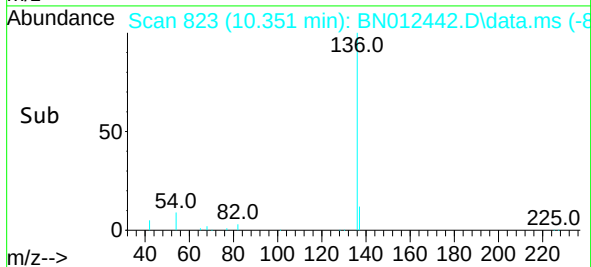
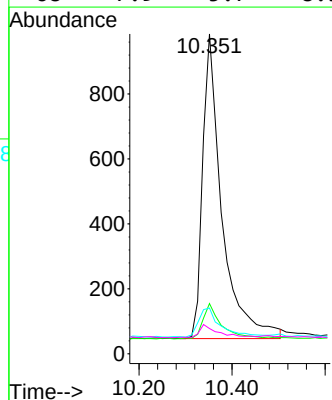
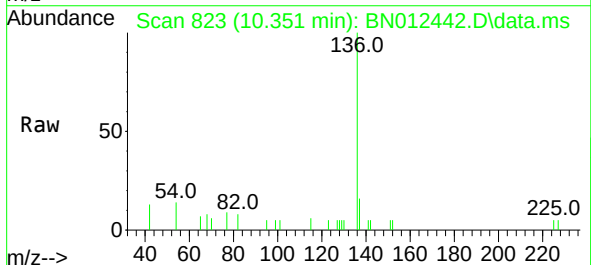
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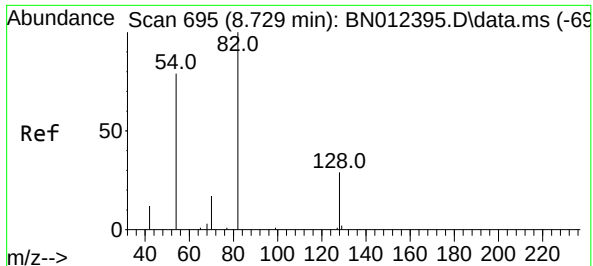
Tgt Ion:	99	Resp:	785
Ion	Ratio	Lower	Upper
99	100		
42	74.3	22.4	33.6#
71	62.9	37.8	56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:	136	Resp:	2701
Ion	Ratio	Lower	Upper
136	100		
137	15.7	10.6	15.8
54	14.3	8.6	12.8#
68	7.9	5.7	8.5

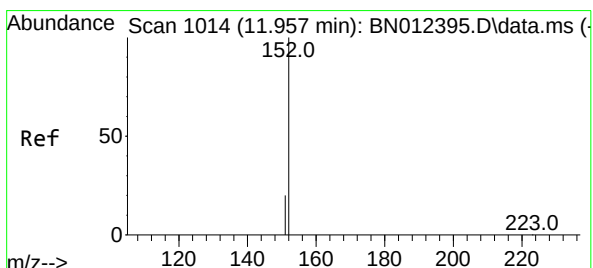
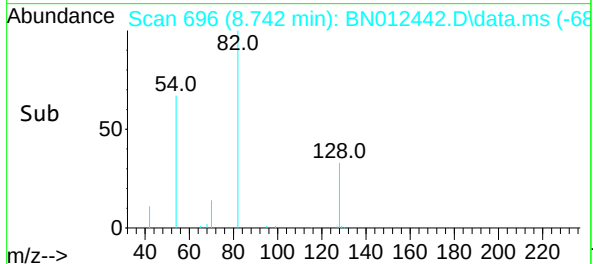
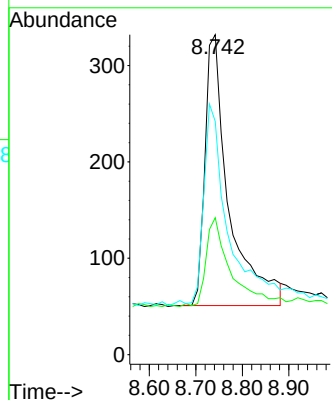
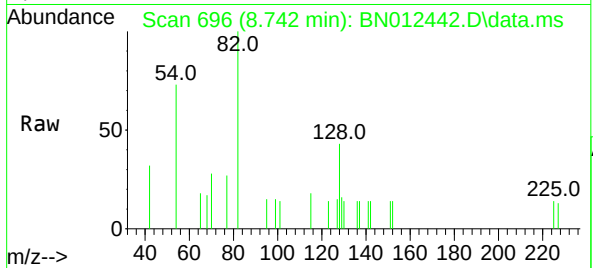




#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.742 min Scan# 696
Delta R.T. 0.013 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

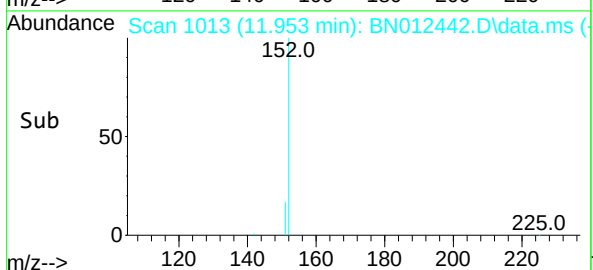
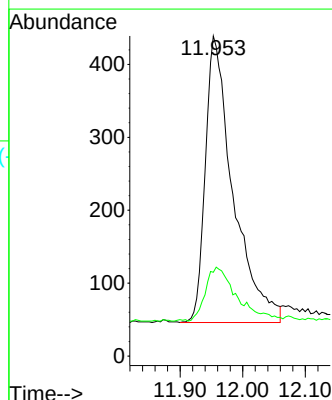
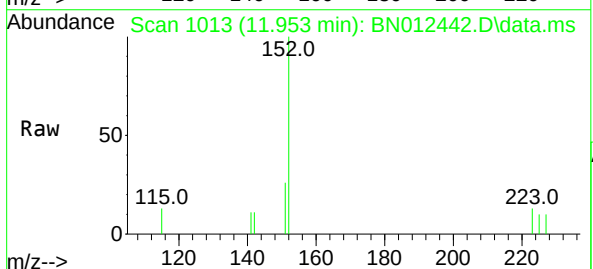
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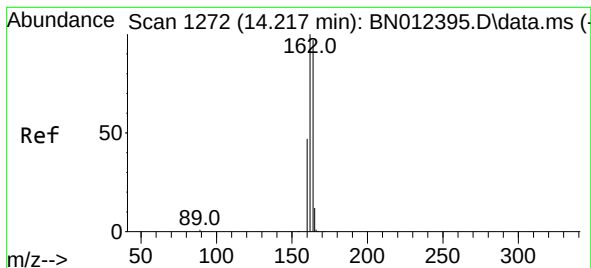
Tgt Ion: 82 Resp: 1008
Ion Ratio Lower Upper
82 100
128 42.8 30.6 46.0
54 72.9 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 11.953 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:152 Resp: 1209
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1

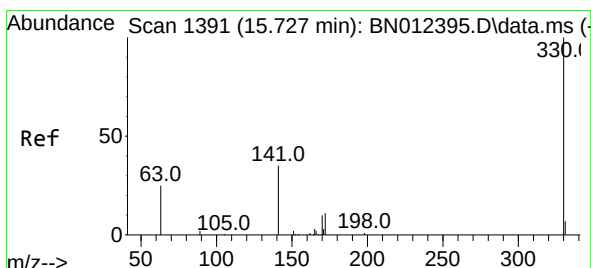
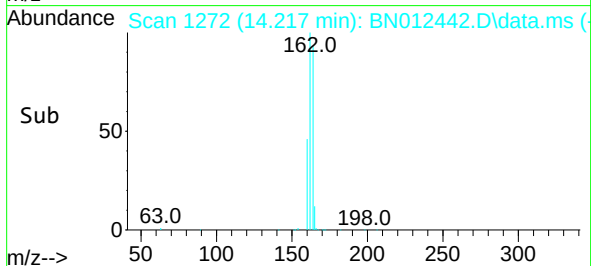
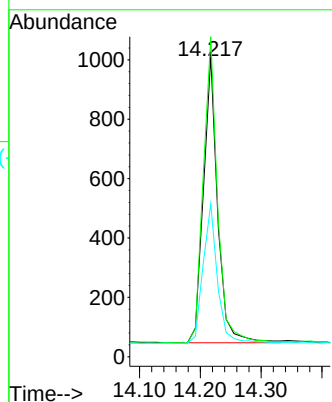
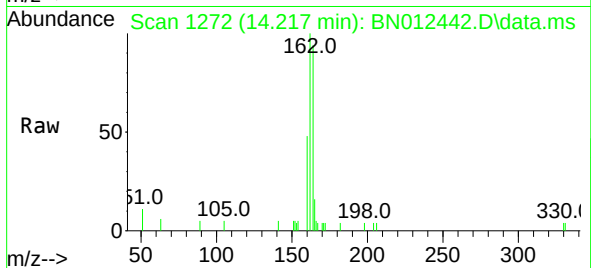




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

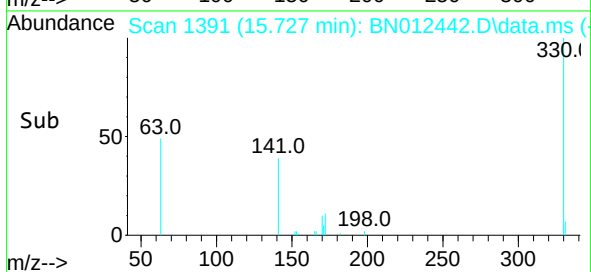
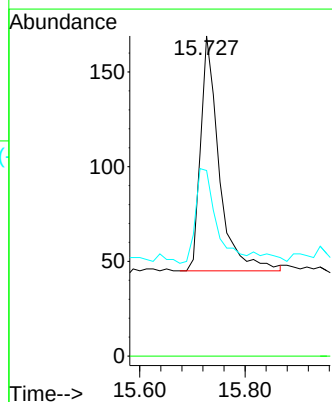
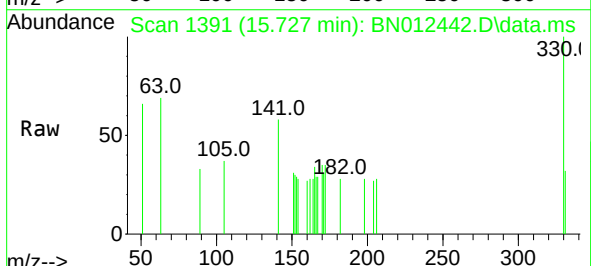
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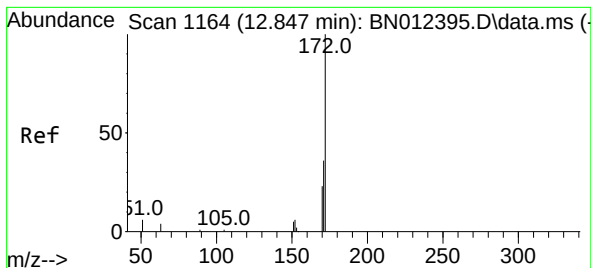
Tgt Ion:	164	Resp:	1573
Ion	Ratio	Lower	Upper
164	100		
162	106.6	80.6	120.8
160	50.9	39.5	59.3



#14
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 15.727 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:	330	Resp:	303
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.5	34.4	51.6

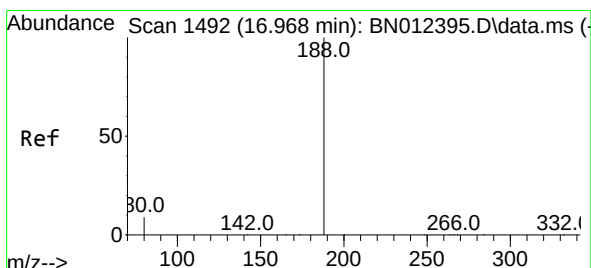
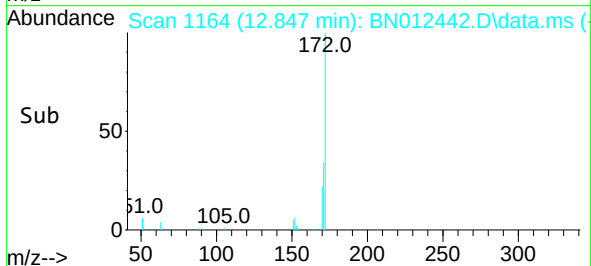
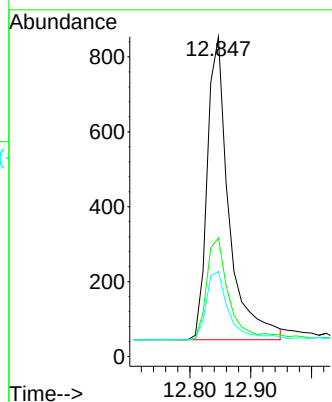
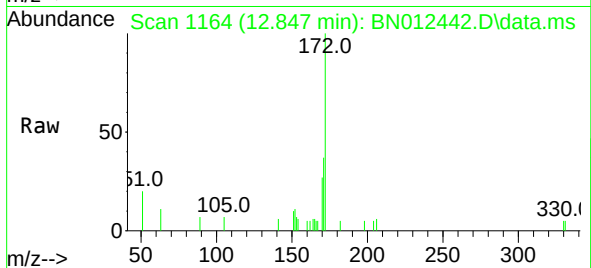




#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 12.847 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

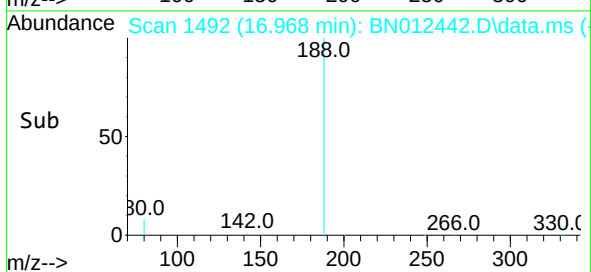
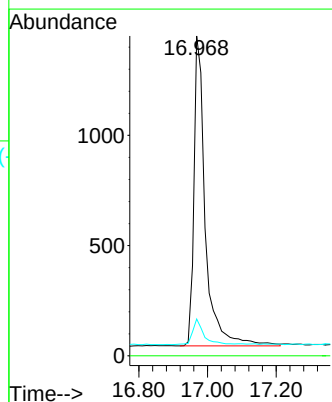
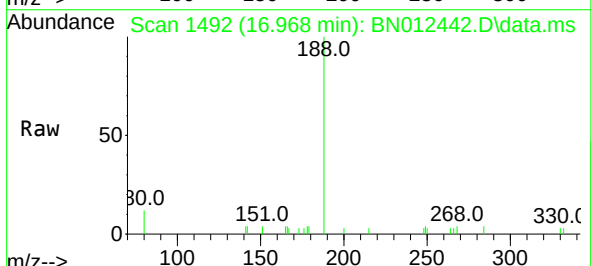
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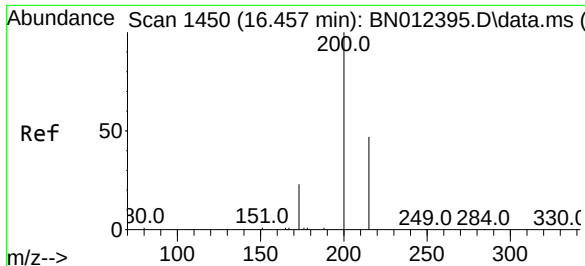
Tgt Ion:	172	Resp:	2006
Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.2	42.4
170	26.6	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:	188	Resp:	3261
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	5.0	7.4#

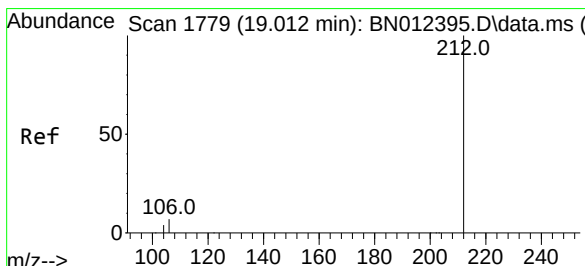
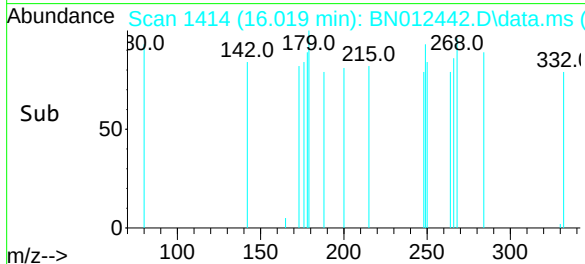
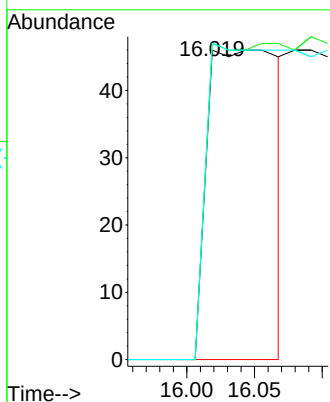
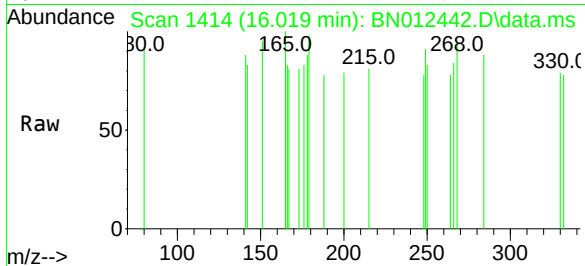




#23
Atrazine
Concen: 0.09 ng
RT: 16.019 min Scan# 1414
Delta R.T. -0.438 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

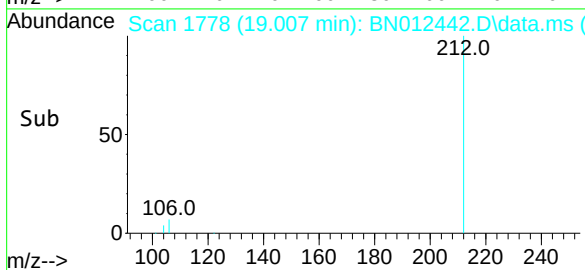
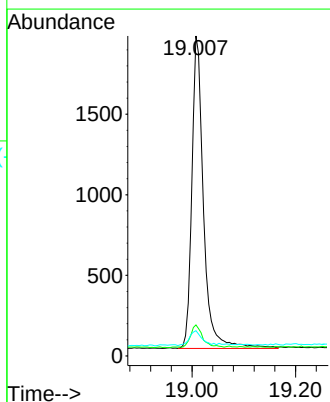
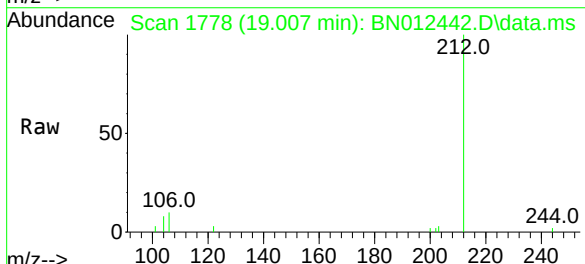
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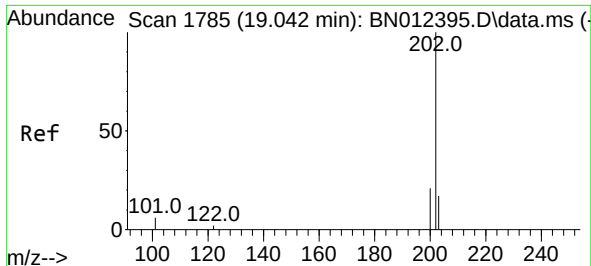
Tgt Ion:200 Resp: 169
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 102.2 38.1 57.1#



#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.007 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:212 Resp: 3045
Ion Ratio Lower Upper
212 100
106 7.8 6.8 10.2
104 5.2 4.1 6.1

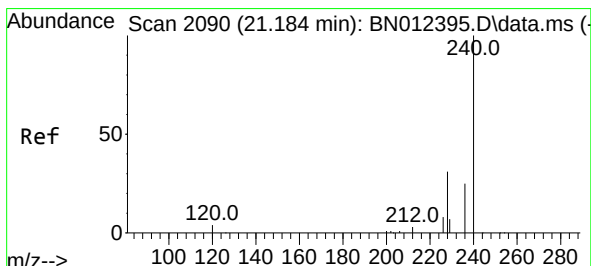
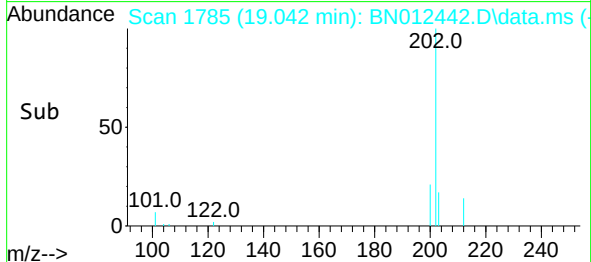
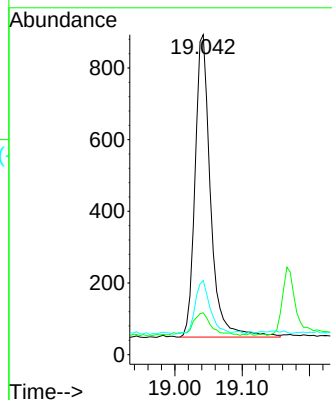
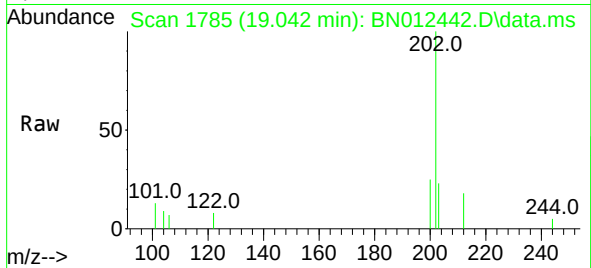




#28
Fluoranthene
Concen: 0.12 ng
RT: 19.042 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

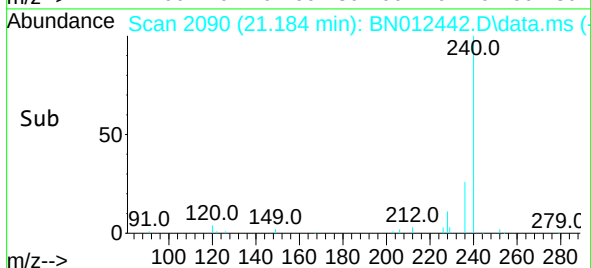
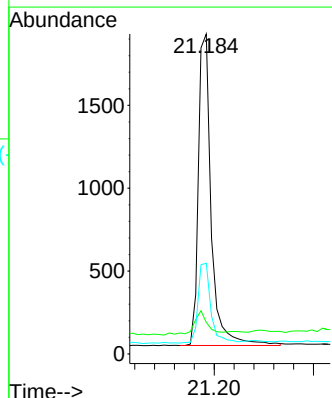
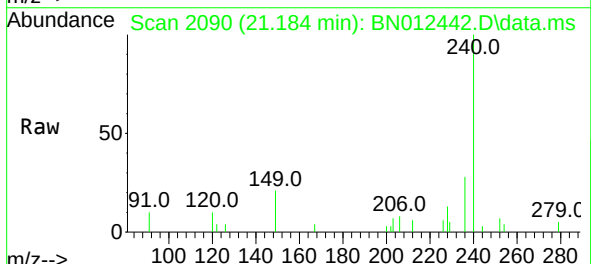
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0002

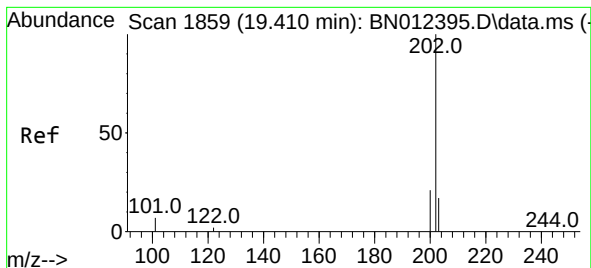
Tgt Ion:202 Resp: 1349
Ion Ratio Lower Upper
202 100
101 10.2 5.8 8.6#
203 17.5 13.7 20.5



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.184 min Scan# 2090
Delta R.T. 0.011 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:240 Resp: 3377
Ion Ratio Lower Upper
240 100
120 9.8 5.3 7.9#
236 28.3 21.8 32.8





#30

Pyrene

Concen: 0.11 ng

RT: 19.410 min Scan# 1859

Delta R.T. -0.000 min

Lab File: BN012442.D

Acq: 29 Oct 2020 17:33

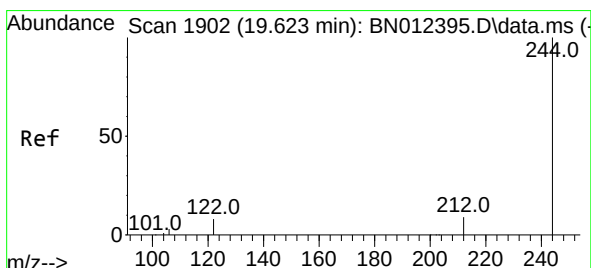
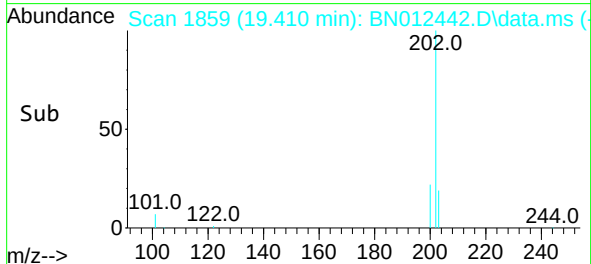
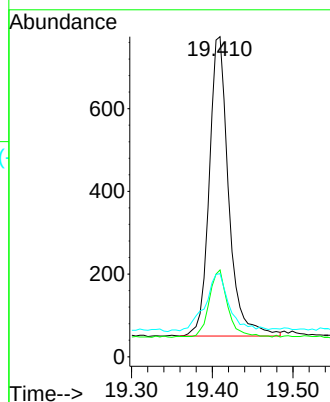
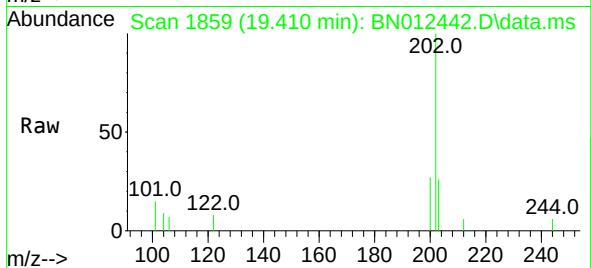
Tgt Ion:	202	Resp:	1208
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	24.8
203	24.8	13.8	20.8#

Instrument :

BNA_N

ClientSampleId :

B308-B309-LOC1-SO-0002



#31

Terphenyl-d14

Concen: 0.43 ng

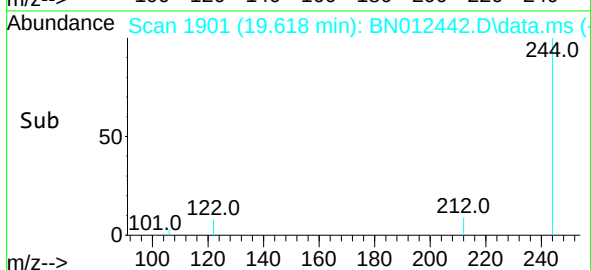
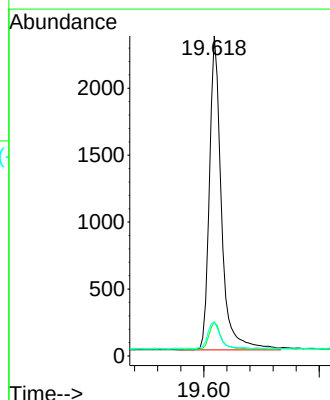
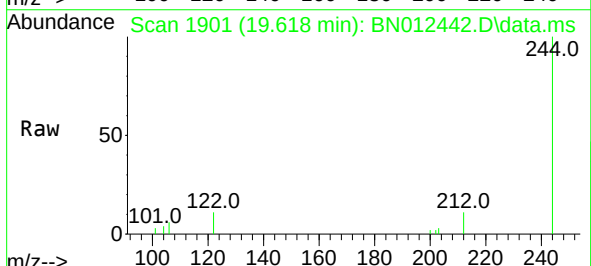
RT: 19.618 min Scan# 1901

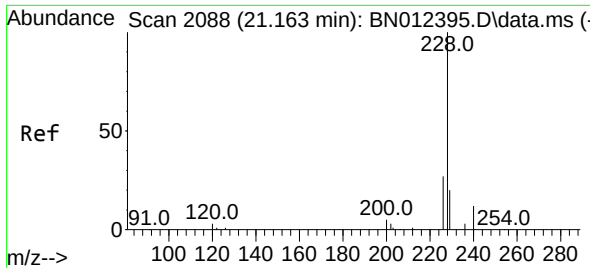
Delta R.T. -0.005 min

Lab File: BN012442.D

Acq: 29 Oct 2020 17:33

Tgt Ion:	244	Resp:	3381
Ion Ratio	Lower	Upper	
244	100		
212	10.6	7.3	10.9
122	10.6	7.3	10.9

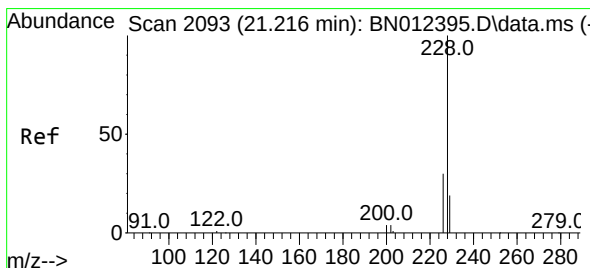
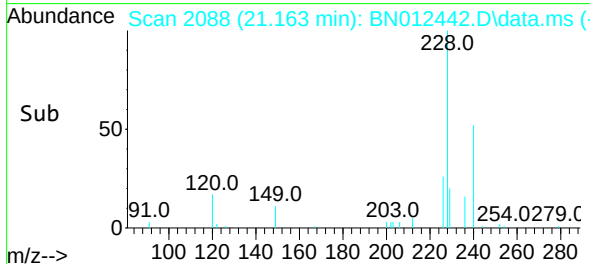
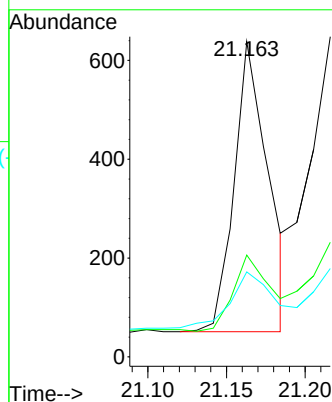
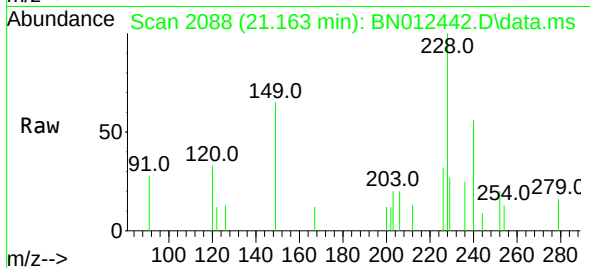




#32
Benzo(a)anthracene
Concen: 0.09 ng
RT: 21.163 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

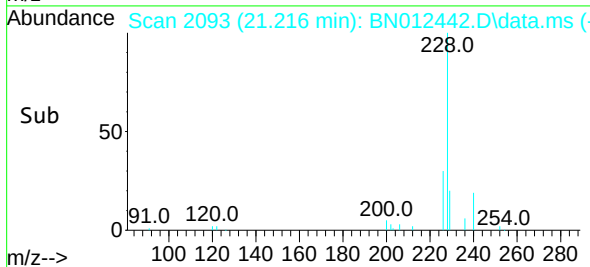
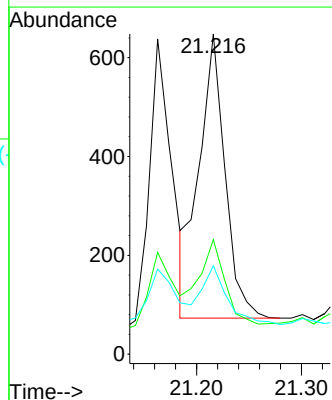
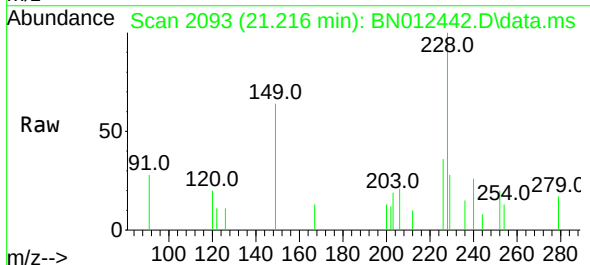
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0002

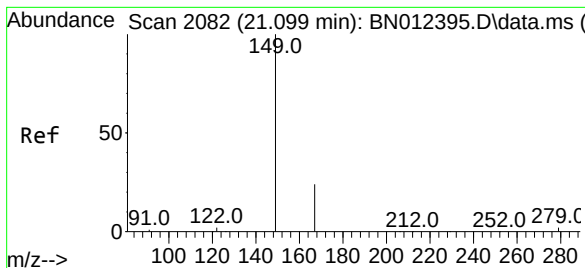
Tgt Ion:228	Resp:	885
Ion Ratio	Lower	Upper
228	100	
226	32.3	22.3 33.5
229	27.0	15.7 23.5#



#33
Chrysene
Concen: 0.09 ng
RT: 21.216 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:228	Resp:	990
Ion Ratio	Lower	Upper
228	100	
226	35.8	24.2 36.2
229	27.6	15.7 23.5#



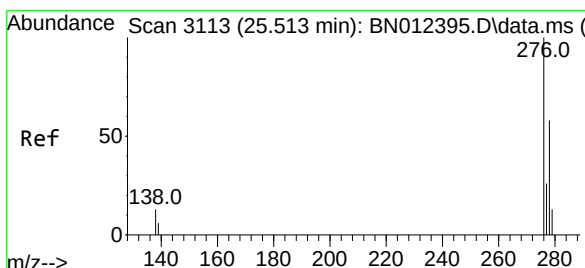
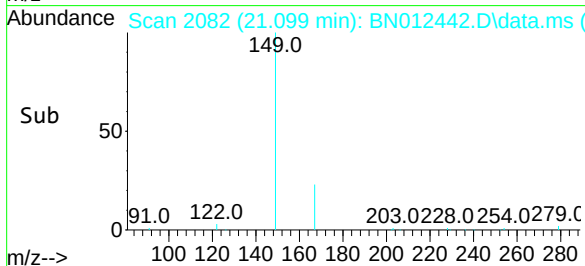
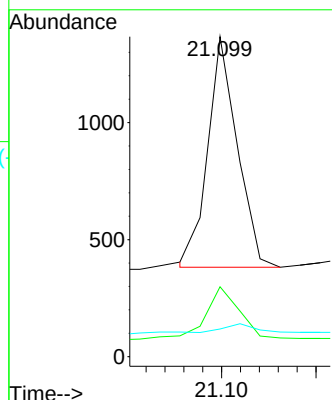
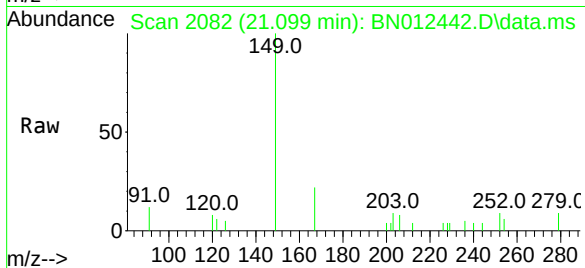


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.099 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0002

Tgt Ion:149 Resp: 1071

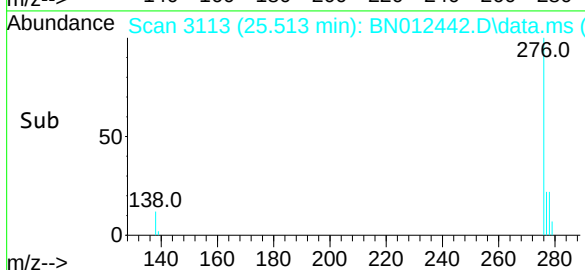
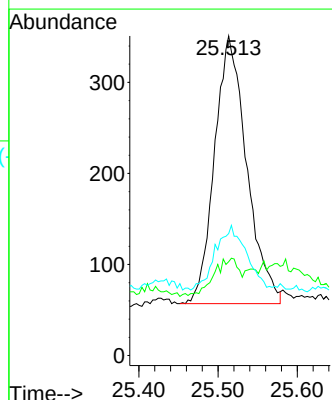
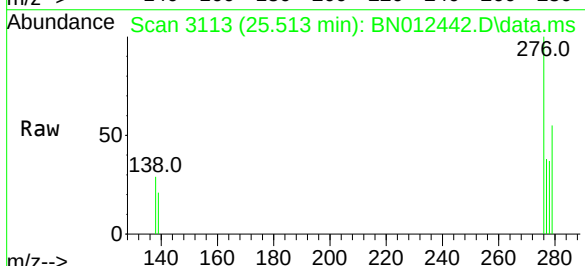
Ion	Ratio	Lower	Upper
149	100		
167	23.9	23.2	34.8
279	4.0	3.9	5.9

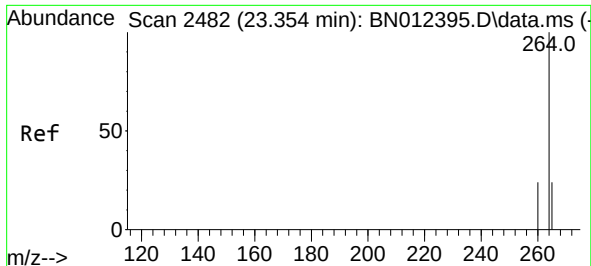


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng
RT: 25.513 min Scan# 3113
Delta R.T. 0.003 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:276 Resp: 828

Ion	Ratio	Lower	Upper
276	100		
138	10.6	13.3	19.9#
277	23.2	20.2	30.4

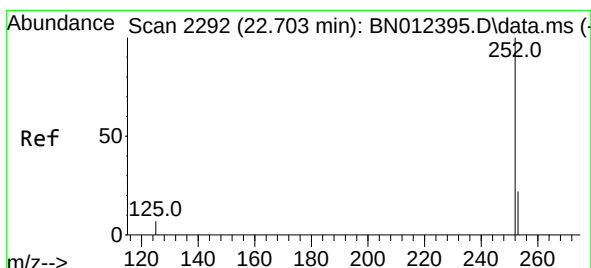
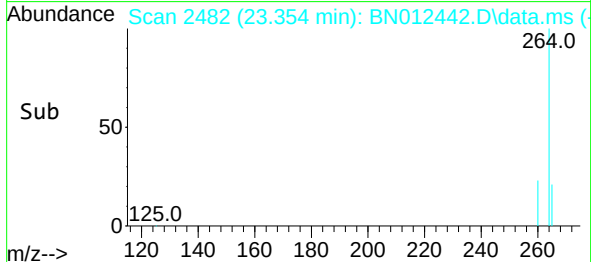
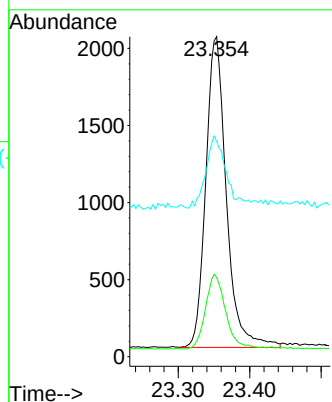
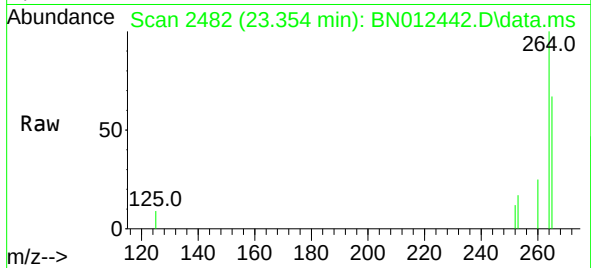




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.354 min Scan# 2482
 Delta R.T. -0.000 min
 Lab File: BN012442.D
 Acq: 29 Oct 2020 17:33

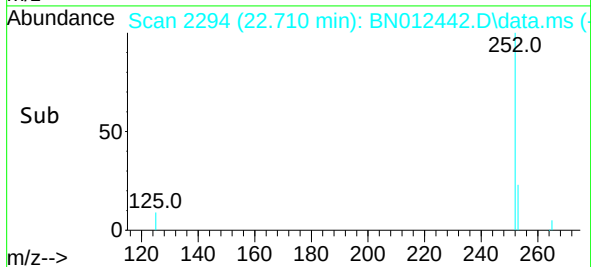
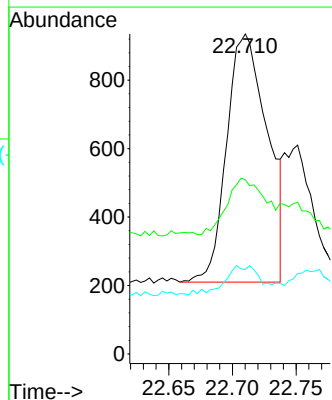
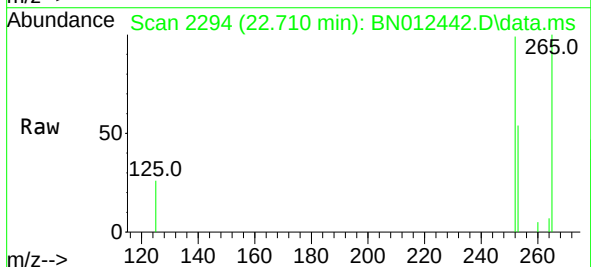
Instrument :
 BNA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0002

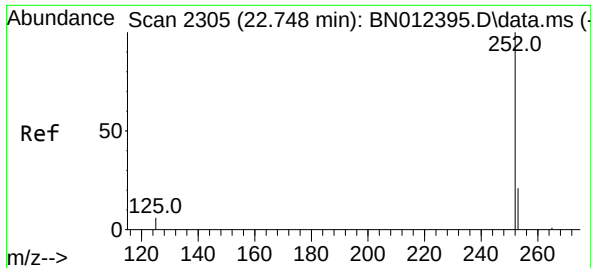
Tgt Ion:264	Resp:	4028
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.8 29.6
265	67.2	51.4 77.0



#37
 Benzo(b)fluoranthene
 Concen: 0.13 ng
 RT: 22.710 min Scan# 2294
 Delta R.T. 0.007 min
 Lab File: BN012442.D
 Acq: 29 Oct 2020 17:33

Tgt Ion:252	Resp:	1612
Ion Ratio	Lower	Upper
252	100	
253	54.4	20.1 30.1#
125	26.4	7.2 10.8#

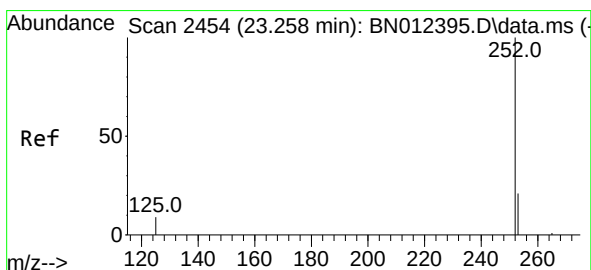
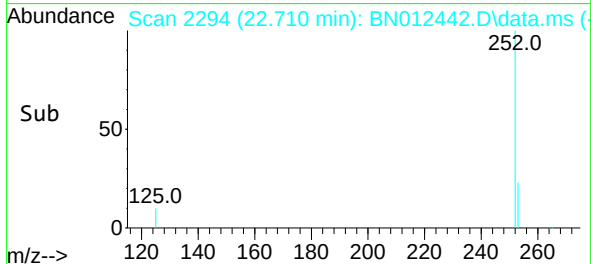
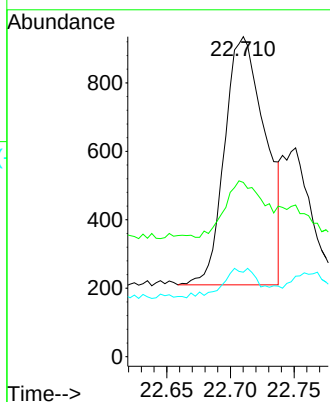
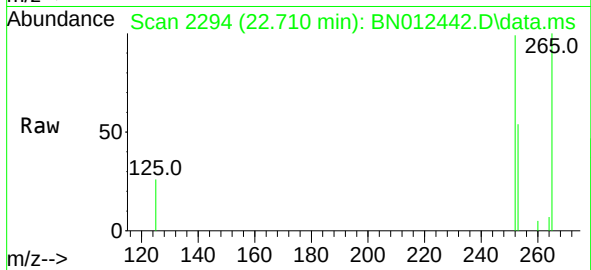




#38
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 22.710 min Scan# 2294
Delta R.T. -0.038 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

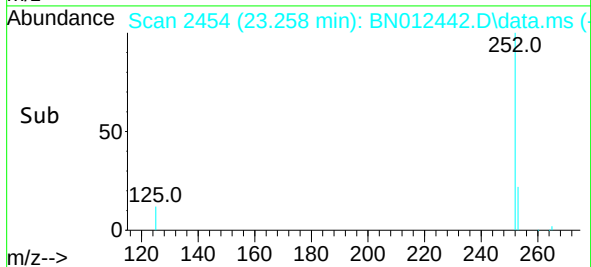
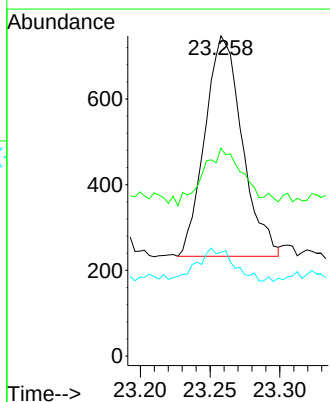
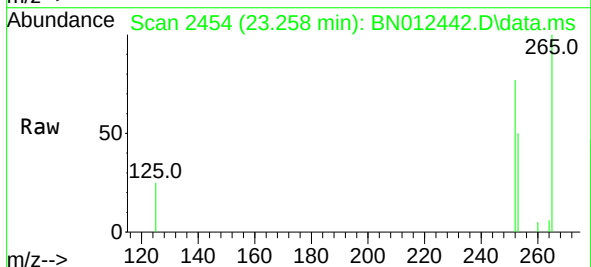
Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0002

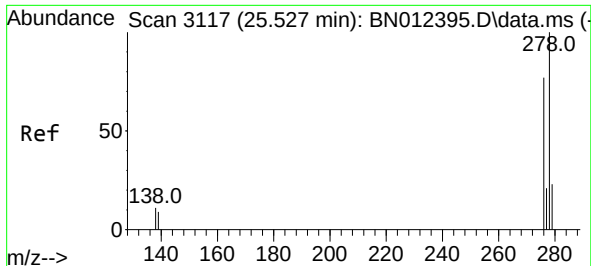
Tgt Ion:252 Resp: 1612
Ion Ratio Lower Upper
252 100
253 54.4 19.8 29.8#
125 26.4 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.08 ng
RT: 23.258 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:252 Resp: 958
Ion Ratio Lower Upper
252 100
253 64.9 21.3 31.9#
125 32.4 8.3 12.5#

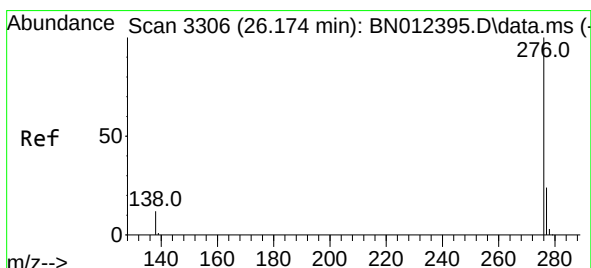
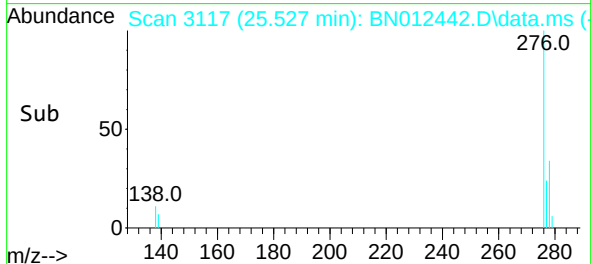
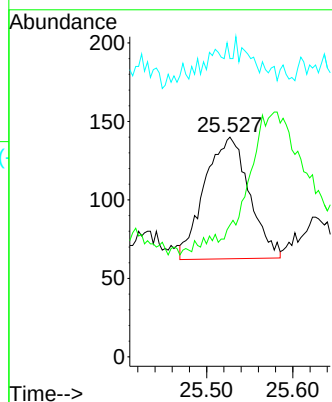
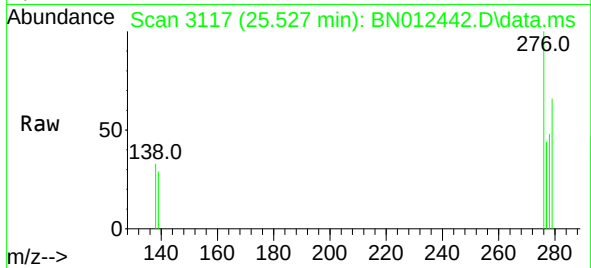




#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.527 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Instrument :
BNA_N
ClientSampleId :
B308-B309-LOC1-SO-0002

Tgt Ion:278 Resp: 279
Ion Ratio Lower Upper
278 100
139 60.0 9.3 13.9#
279 135.7 21.6 32.4#



#41
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.177 min Scan# 3307
Delta R.T. 0.007 min
Lab File: BN012442.D
Acq: 29 Oct 2020 17:33

Tgt Ion:276 Resp: 1061
Ion Ratio Lower Upper
276 100
277 39.2 19.8 29.8#
138 27.3 11.7 17.5#

