

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
 Data File : BN012441.D
 Acq On : 29 Oct 2020 16:56
 Operator : CG/JU
 Sample : L4561-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-LOC2-SO-0002

Quant Time: Oct 29 17:30:00 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)

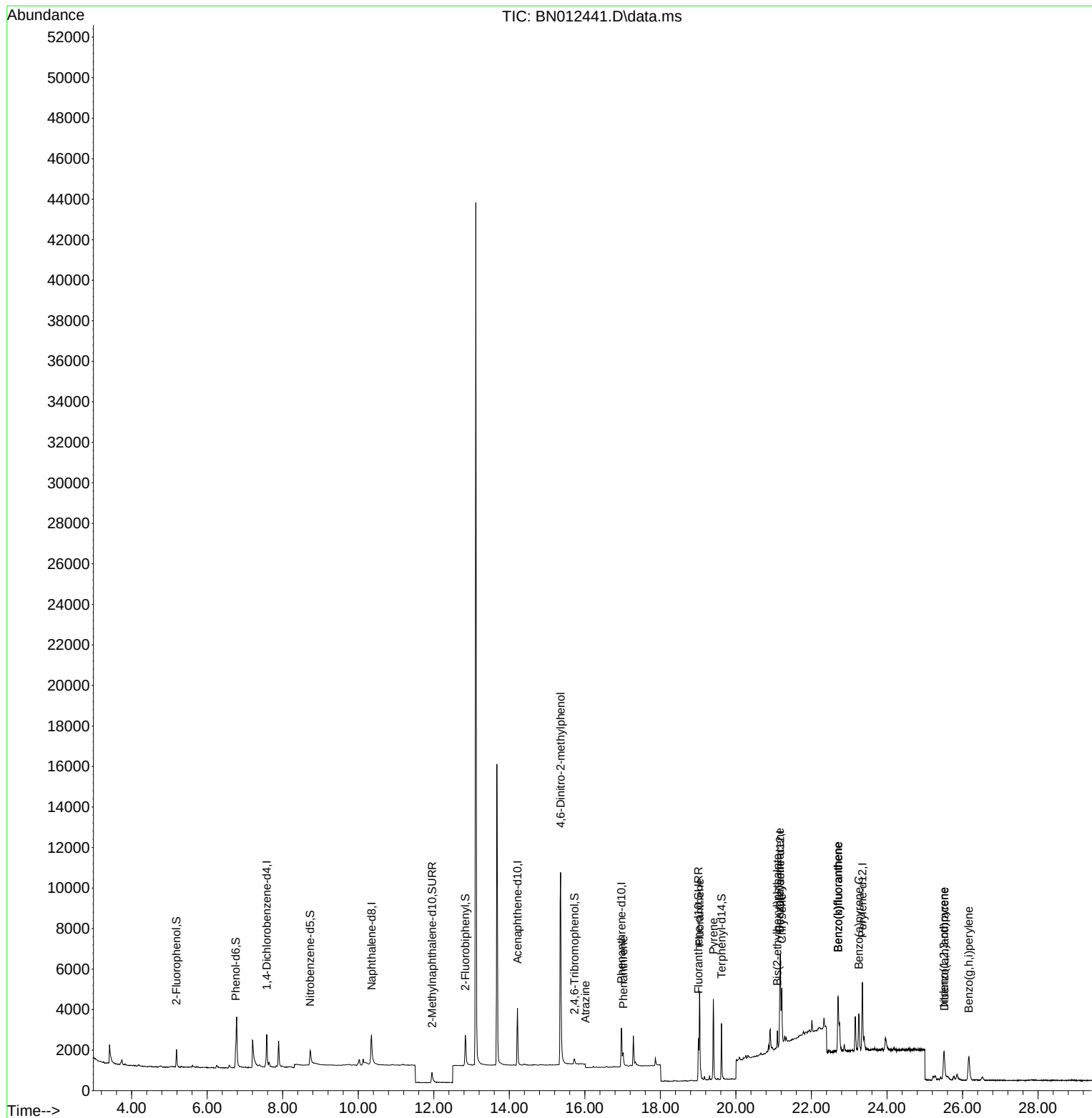
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	739	0.40	ng	# 0.00
7) Naphthalene-d8	10.351	136	2877	0.40	ng	0.00
13) Acenaphthene-d10	14.217	164	1678	0.40	ng	0.00
19) Phenanthrene-d10	16.968	188	3455	0.40	ng	# 0.00
29) Chrysene-d12	21.174	240	3885	0.40	ng	# 0.00
36) Perylene-d12	23.350	264	4542	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.186	112	596	0.23	ng	0.00
5) Phenol-d6	6.757	99	730	0.24	ng	0.00
8) Nitrobenzene-d5	8.729	82	922	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	11.953	152	1118	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.727	330	292	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.834	172	1836	0.29	ng	-0.01
27) Fluoranthene-d10	19.008	212	2690	0.25	ng	0.00
31) Terphenyl-d14	19.618	244	3087	0.34	ng	0.00
Target Compounds						
						Qvalue
20) 4,6-Dinitro-2-methylph...	15.359	198	51	0.06	ng	# 1
23) Atrazine	16.019	200	235	0.12	ng	# 1
25) Phenanthrene	17.017	178	800	0.08	ng	# 92
28) Fluoranthene	19.037	202	4382	0.37	ng	99
30) Pyrene	19.405	202	4018	0.31	ng	# 95
32) Benzo(a)anthracene	21.163	228	2325	0.20	ng	94
33) Chrysene	21.216	228	2778	0.21	ng	95
34) Bis(2-ethylhexyl)phtha...	21.099	149	710	0.09	ng	# 90
35) Indeno(1,2,3-cd)pyrene	25.510	276	2378	0.12	ng	# 89
37) Benzo(b)fluoranthene	22.707	252	4385	0.31	ng	# 78
38) Benzo(k)fluoranthene	22.707	252	4385	0.28	ng	# 77
39) Benzo(a)pyrene	23.254	252	2732	0.20	ng	# 70
40) Dibenzo(a,h)anthracene	25.520	278	625	0.04	ng	# 1
41) Benzo(g,h,i)perylene	26.167	276	2592	0.16	ng	# 89

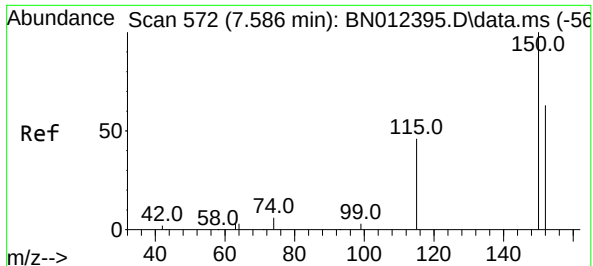
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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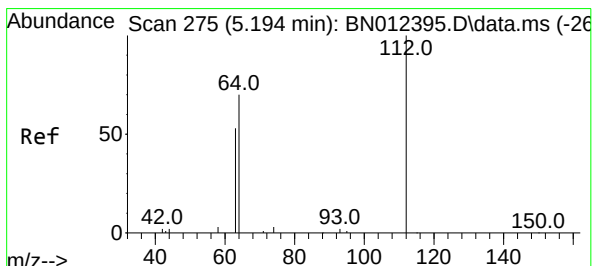
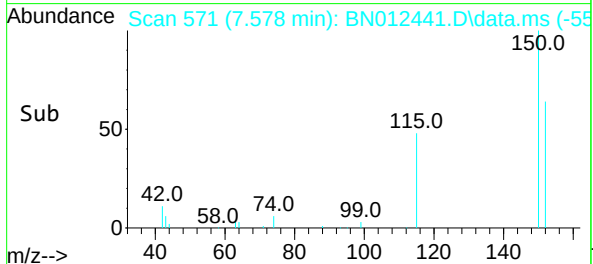
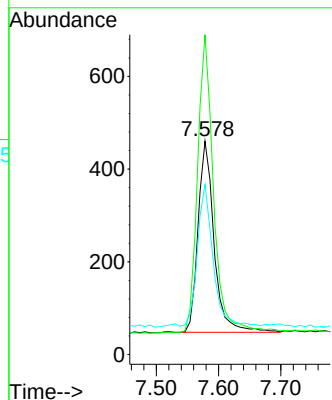
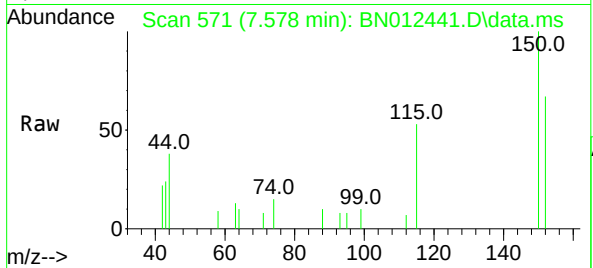




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.578 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

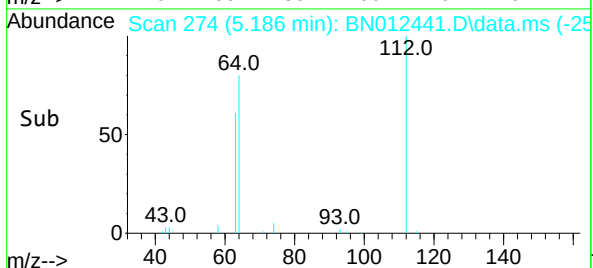
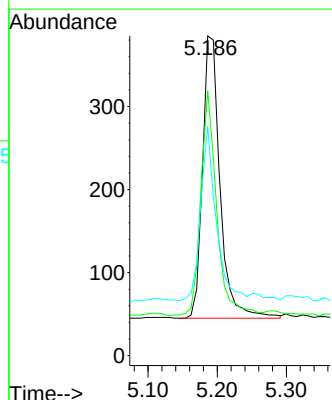
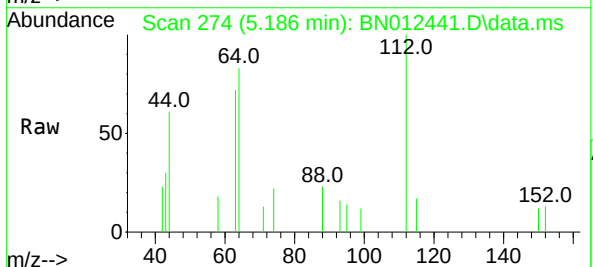
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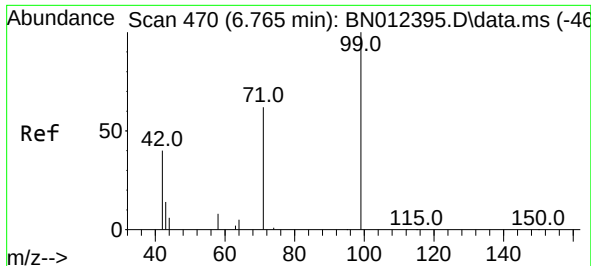
Tgt Ion:152 Resp: 739
Ion Ratio Lower Upper
152 100
150 150.0 116.6 174.8
115 79.8 52.9 79.3#



#4
2-Fluorophenol
Concen: 0.23 ng
RT: 5.186 min Scan# 274
Delta R.T. -0.008 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:112 Resp: 596
Ion Ratio Lower Upper
112 100
64 73.2 49.5 74.3
63 54.7 32.0 48.0#

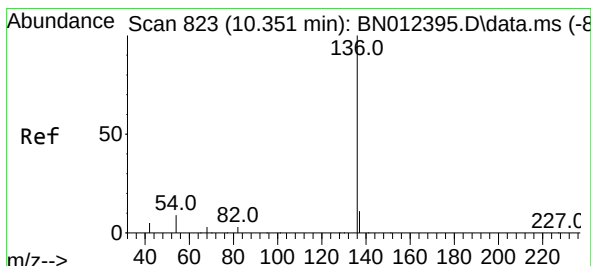
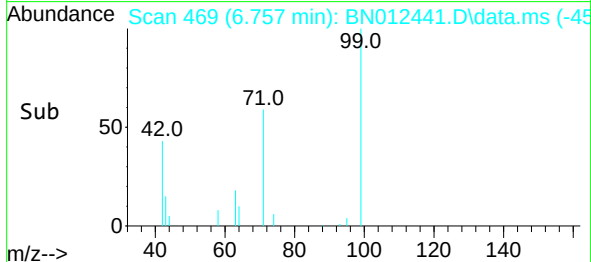
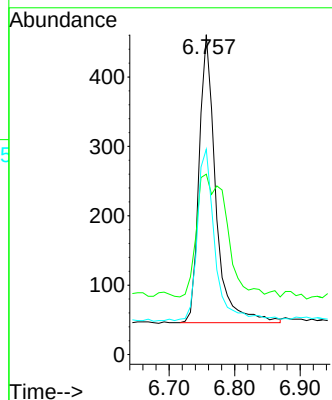
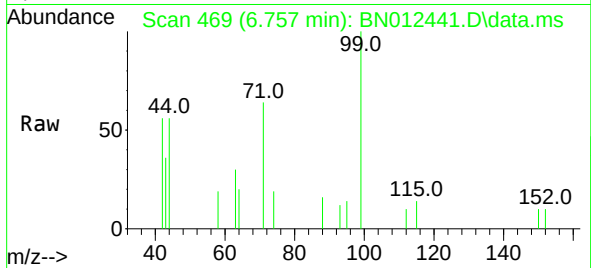




#5
Phenol-d6
Concen: 0.24 ng
RT: 6.757 min Scan# 469
Delta R.T. -0.008 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

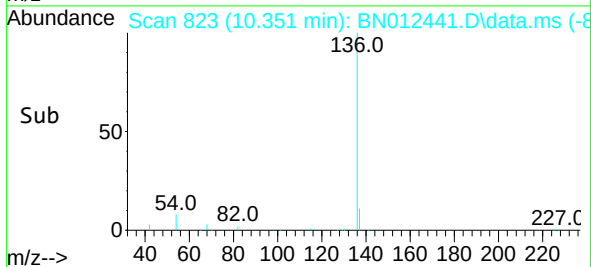
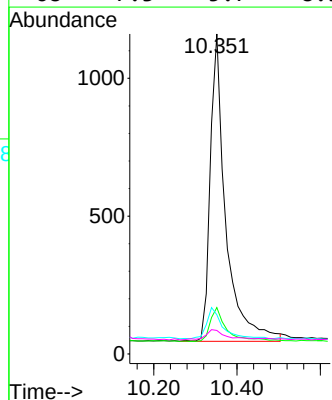
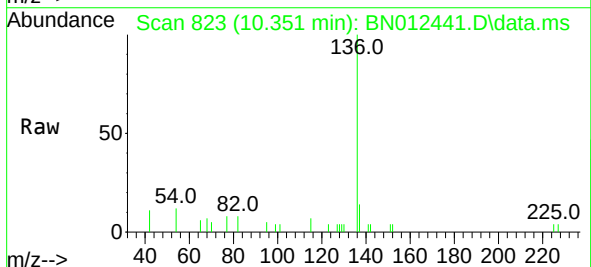
Instrument :
BNA_N
ClientSampleId :
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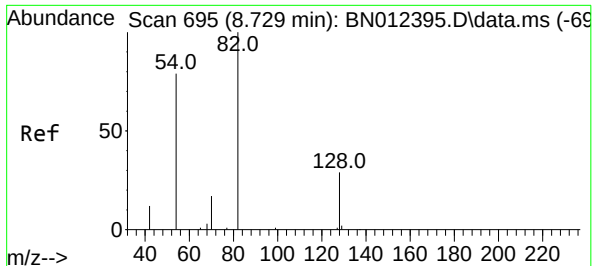
Tgt Ion: 99 Resp: 730
Ion Ratio Lower Upper
99 100
42 79.0 22.4 33.6#
71 63.2 37.8 56.6#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.351 min Scan# 823
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion: 136 Resp: 2877
Ion Ratio Lower Upper
136 100
137 14.5 10.6 15.8
54 12.2 8.6 12.8
68 7.3 5.7 8.5

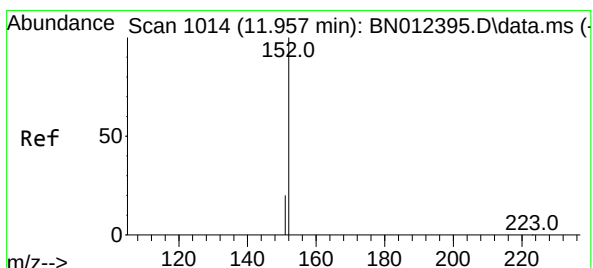
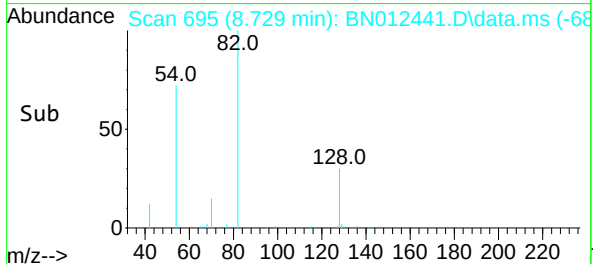
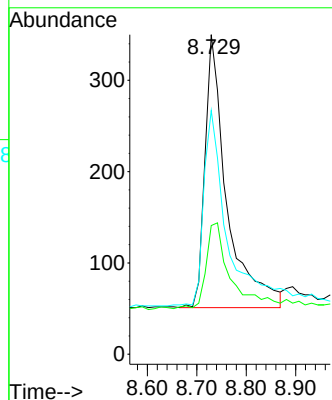
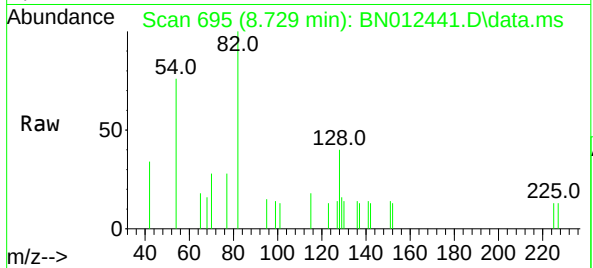




#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.729 min Scan# 695
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

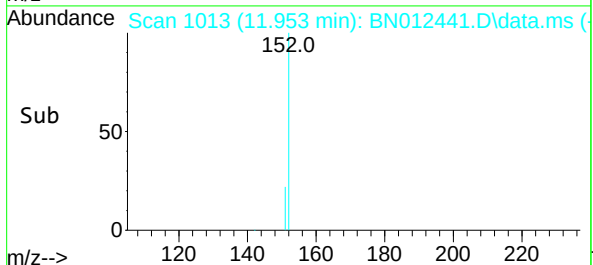
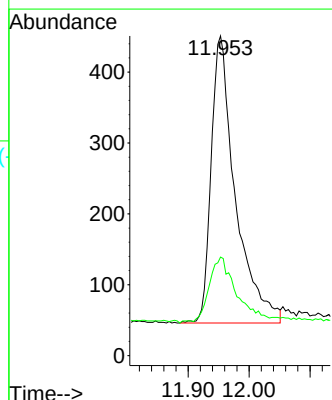
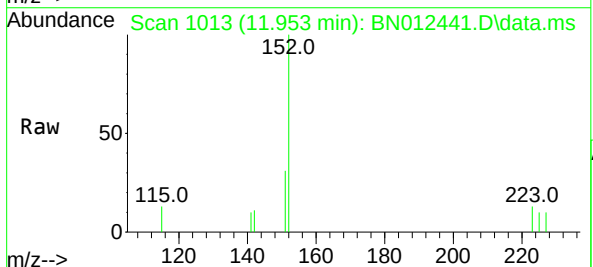
Instrument :
BNA_N
ClientSampleId :
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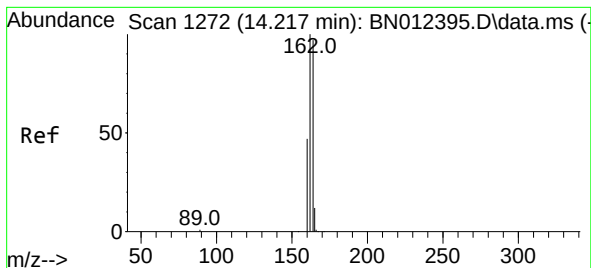
Tgt Ion: 82 Resp: 922
Ion Ratio Lower Upper
82 100
128 40.3 30.6 46.0
54 76.3 48.3 72.5#



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.953 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion: 152 Resp: 1118
Ion Ratio Lower Upper
152 100
151 24.7 16.7 25.1

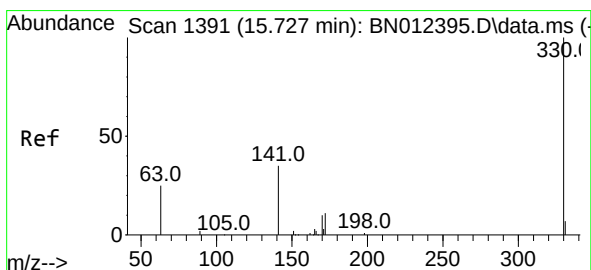
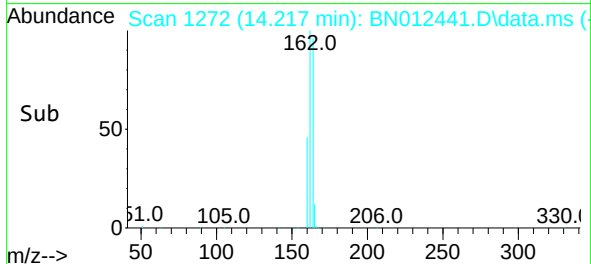
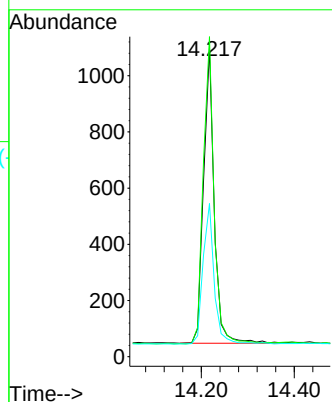
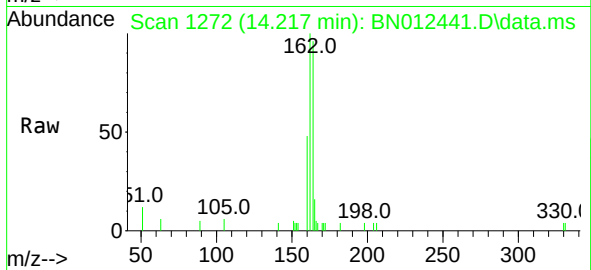




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.217 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

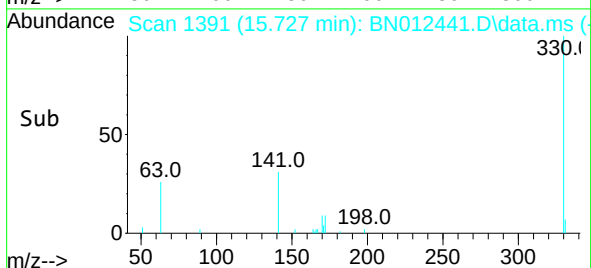
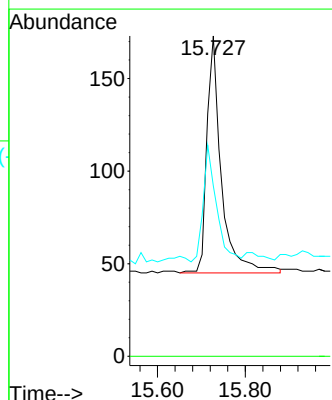
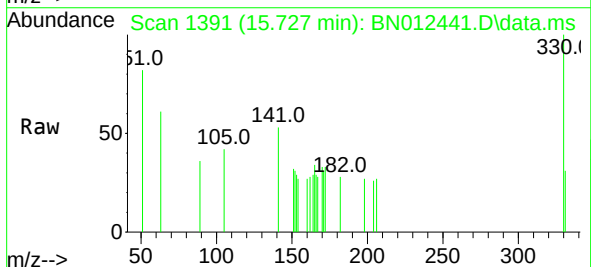
Instrument :
BNA_N
ClientSampleId :
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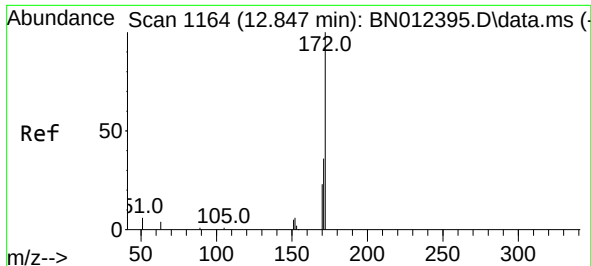
Tgt Ion:164 Resp: 1678
Ion Ratio Lower Upper
164 100
162 103.7 80.6 120.8
160 49.6 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.24 ng
RT: 15.727 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:330 Resp: 292
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.2 34.4 51.6

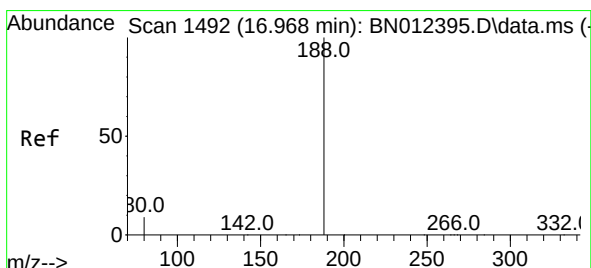
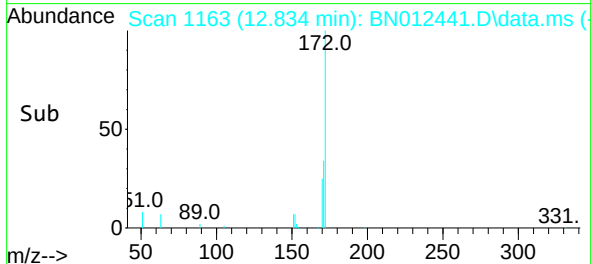
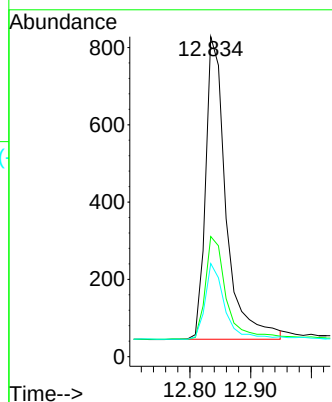
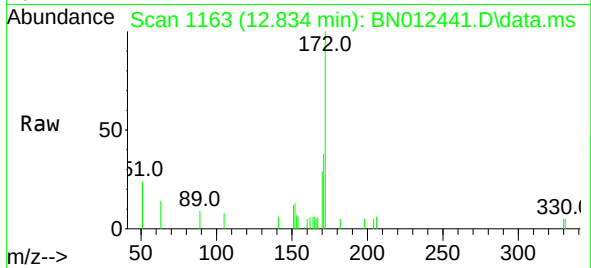




#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 12.834 min Scan# 1163
Delta R.T. -0.013 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

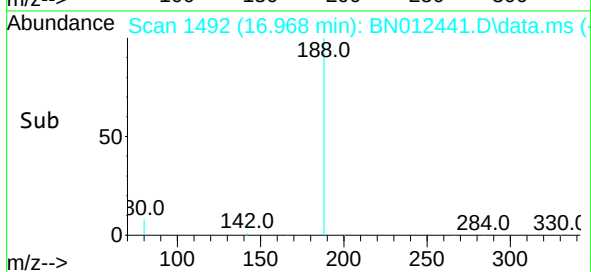
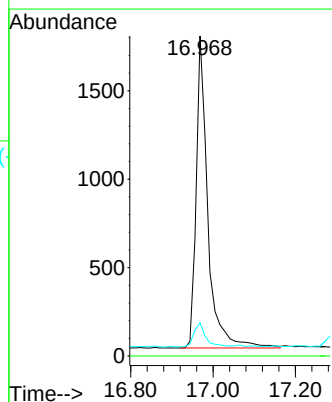
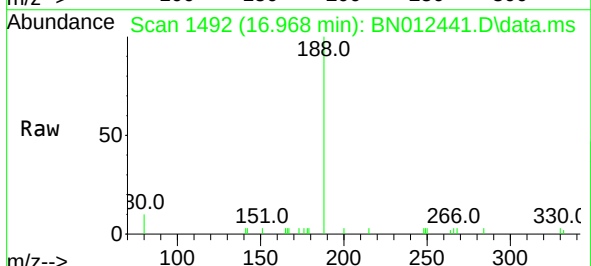
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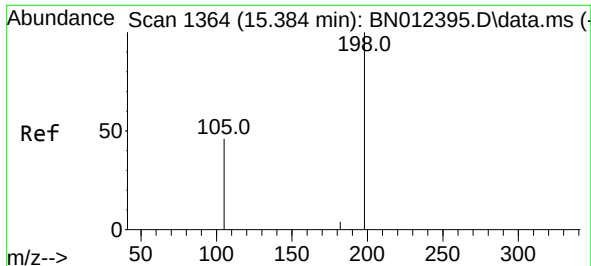
Tgt Ion:	172	Resp:	1836
Ion Ratio	Lower	Upper	
172	100		
171	37.6	28.2	42.4
170	29.1	20.0	30.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.968 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:	188	Resp:	3455
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.4	5.0	7.4

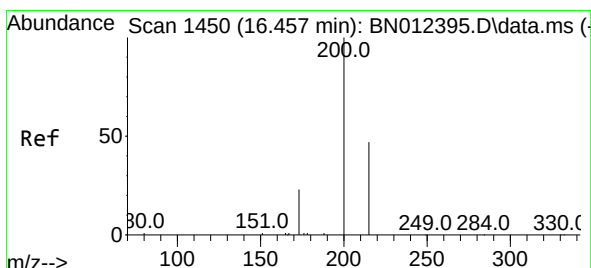
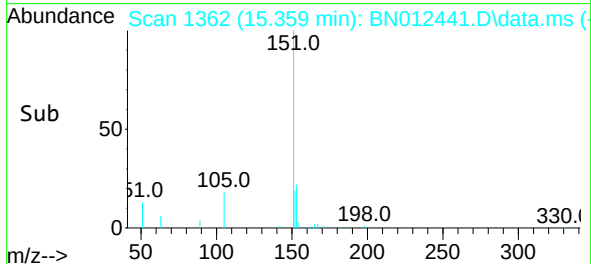
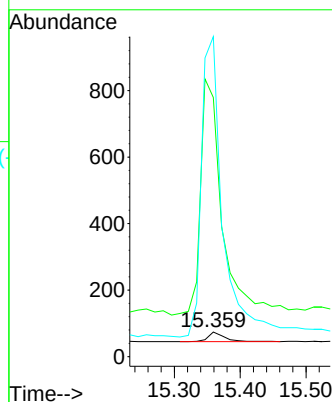
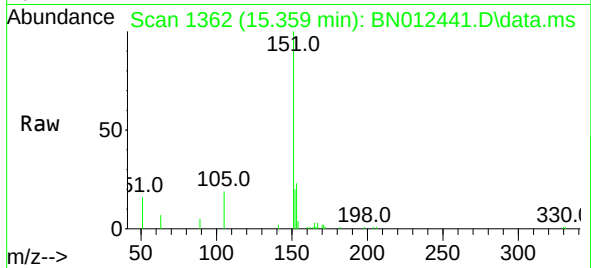




#20
4,6-Dinitro-2-methylphenol
Concen: 0.06 ng
RT: 15.359 min Scan# 1362
Delta R.T. -0.038 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

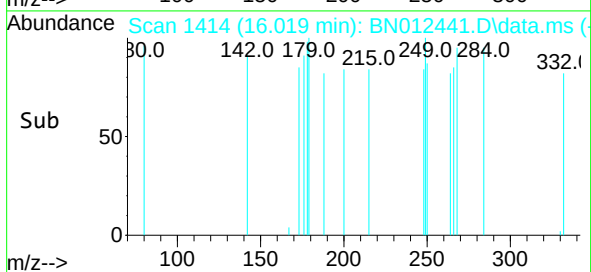
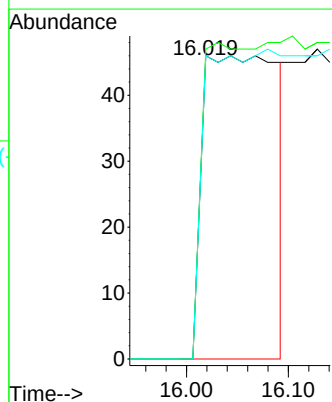
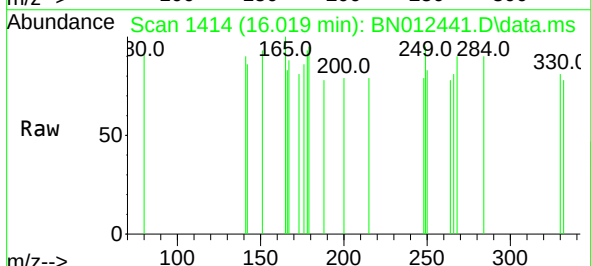
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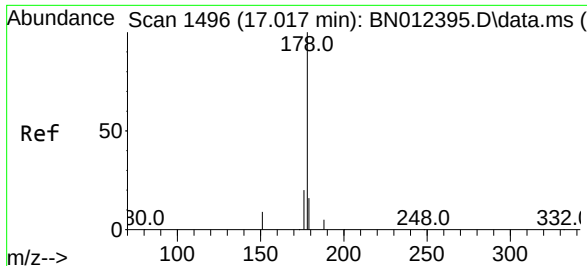
Tgt Ion:198 Resp: 51
Ion Ratio Lower Upper
198 100
51 1052.7 43.5 65.3#
105 1300.0 27.2 40.8#



#23
Atrazine
Concen: 0.12 ng
RT: 16.019 min Scan# 1414
Delta R.T. -0.438 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:200 Resp: 235
Ion Ratio Lower Upper
200 100
173 102.2 22.8 34.2#
215 100.0 38.1 57.1#

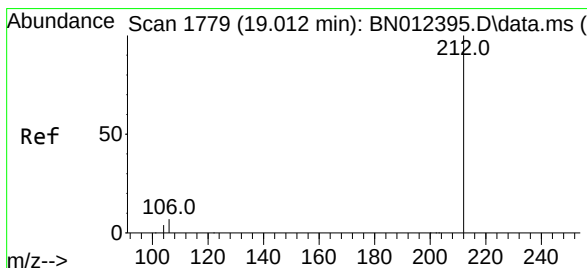
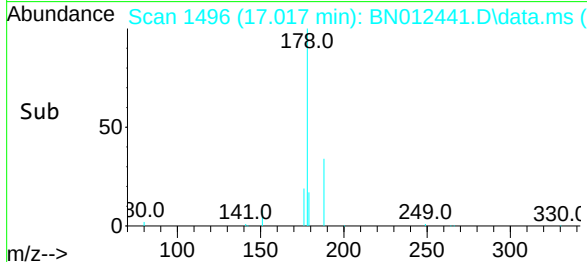
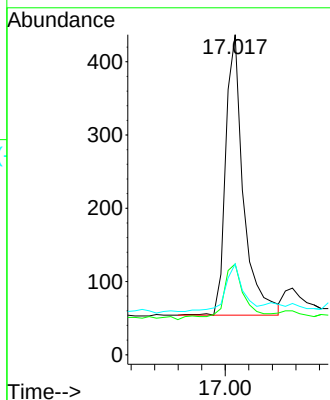
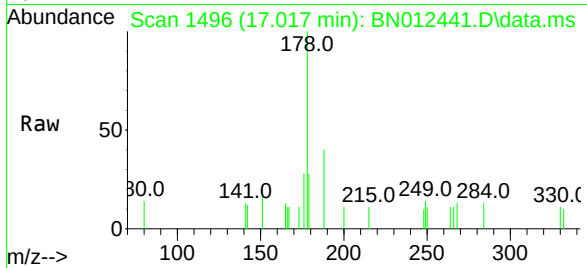




#25
Phenanthrene
Concen: 0.08 ng
RT: 17.017 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

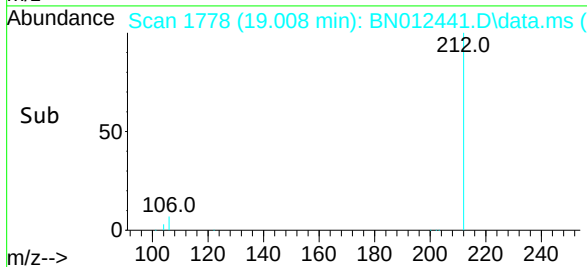
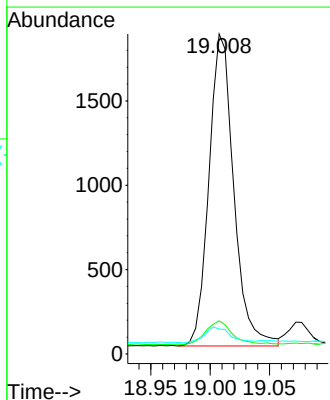
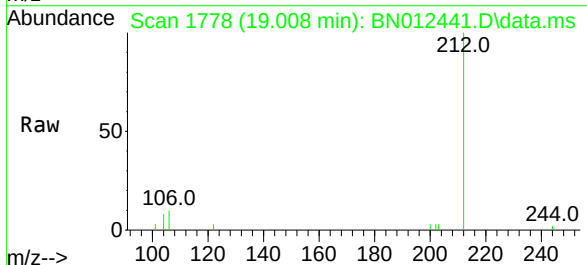
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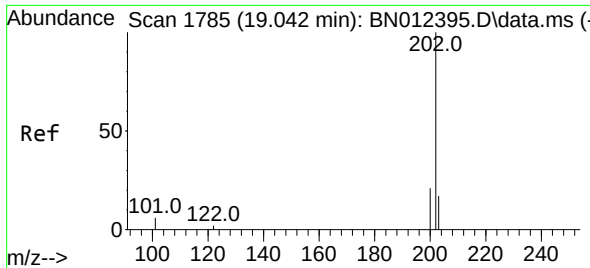
Tgt Ion:178 Resp: 800
Ion Ratio Lower Upper
178 100
176 23.5 14.8 22.2#
179 17.6 12.4 18.6



#27
Fluoranthene-d10
Concen: 0.25 ng
RT: 19.008 min Scan# 1778
Delta R.T. -0.005 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:212 Resp: 2690
Ion Ratio Lower Upper
212 100
106 8.1 6.8 10.2
104 5.4 4.1 6.1

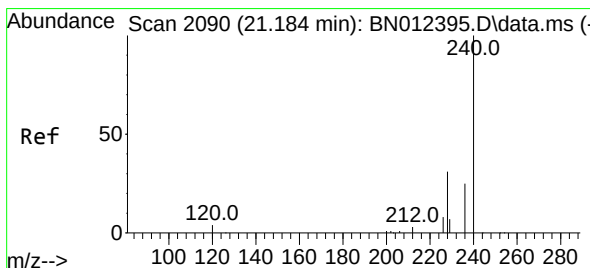
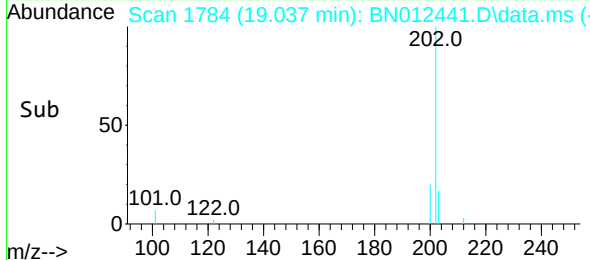
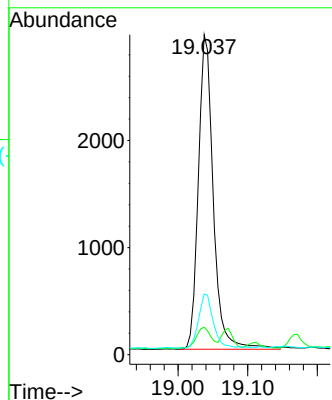
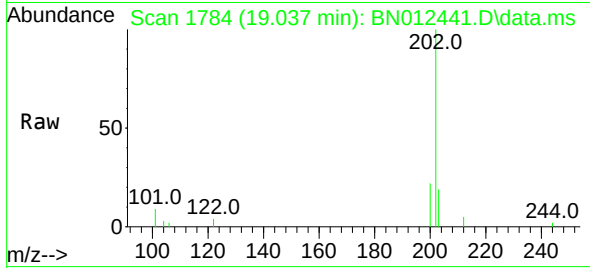




#28
Fluoranthene
Concen: 0.37 ng
RT: 19.037 min Scan# 1784
Delta R.T. -0.005 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

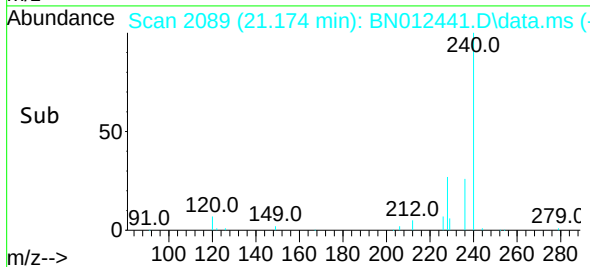
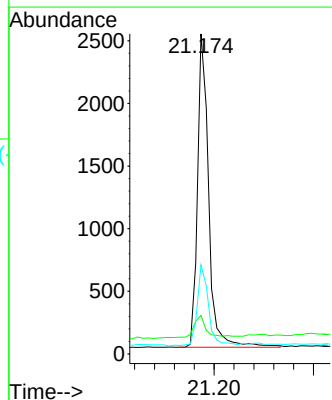
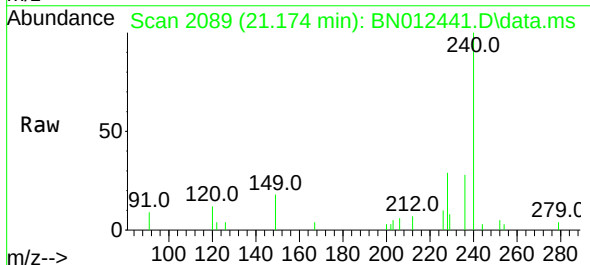
Instrument :
BNA_N
ClientSampleId :
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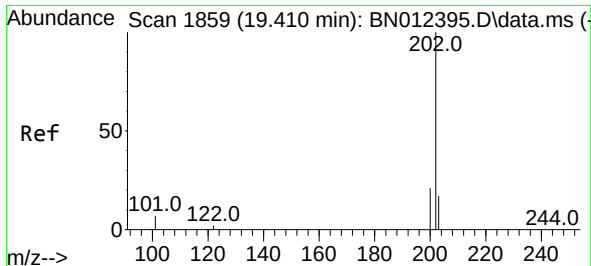
Tgt Ion:202 Resp: 4382
Ion Ratio Lower Upper
202 100
101 6.8 5.8 8.6
203 16.8 13.7 20.5



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.174 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:240 Resp: 3885
Ion Ratio Lower Upper
240 100
120 12.0 5.3 7.9#
236 27.8 21.8 32.8

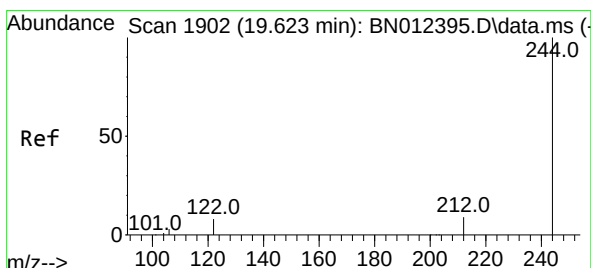
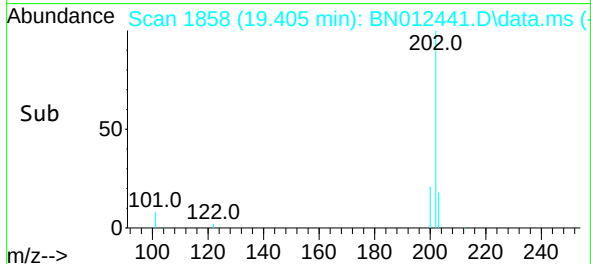
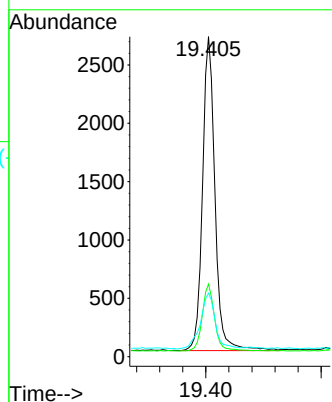
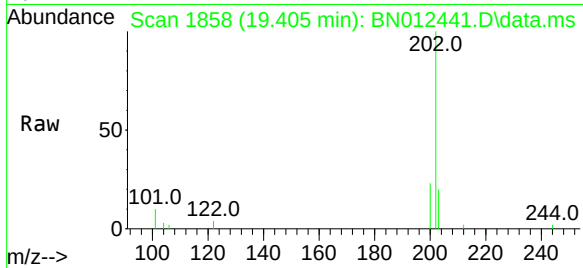




#30
Pyrene
Concen: 0.31 ng
RT: 19.405 min Scan# 1858
Delta R.T. -0.005 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

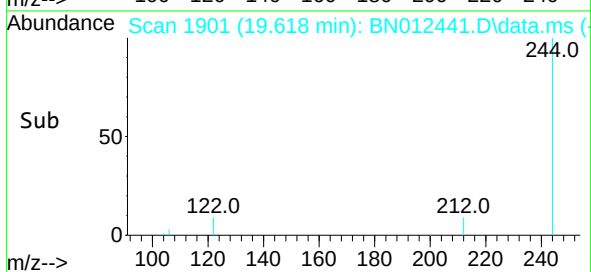
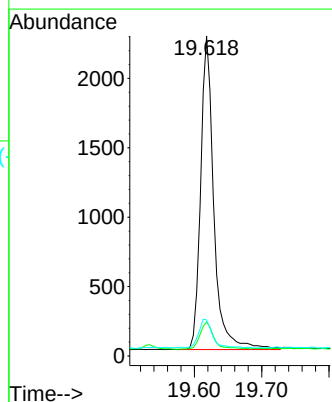
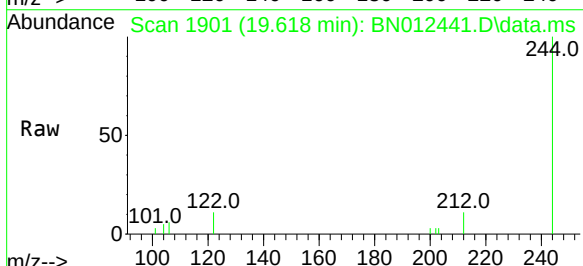
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC2-SO-0002

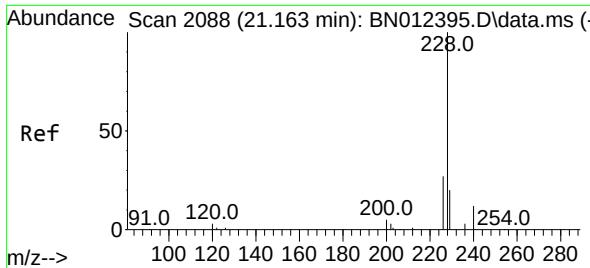
Tgt Ion:202 Resp: 4018
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 21.5 13.8 20.8#



#31
Terphenyl-d14
Concen: 0.34 ng
RT: 19.618 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:244 Resp: 3087
Ion Ratio Lower Upper
244 100
212 10.6 7.3 10.9
122 11.3 7.3 10.9#

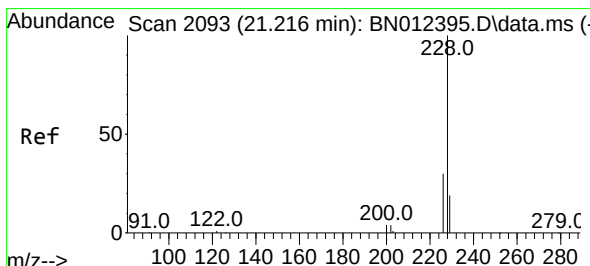
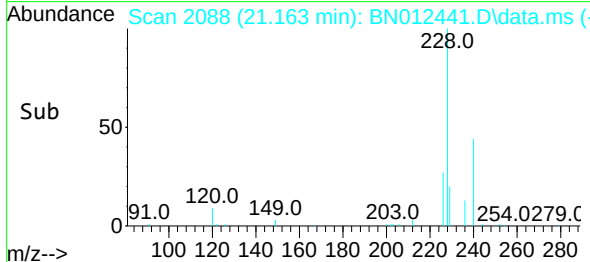
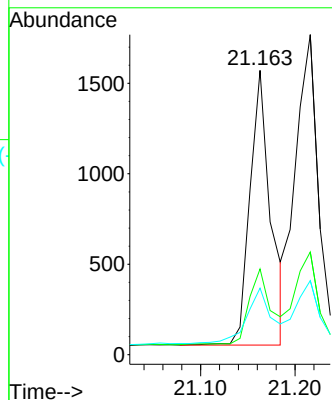
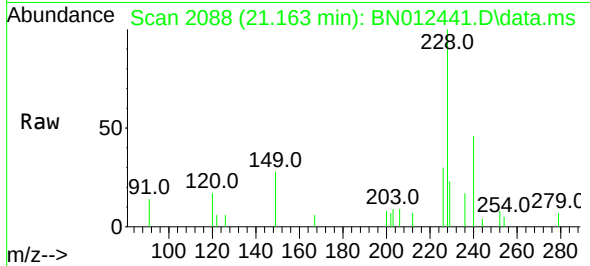




#32
Benzo(a)anthracene
Concen: 0.20 ng
RT: 21.163 min Scan# 2088
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

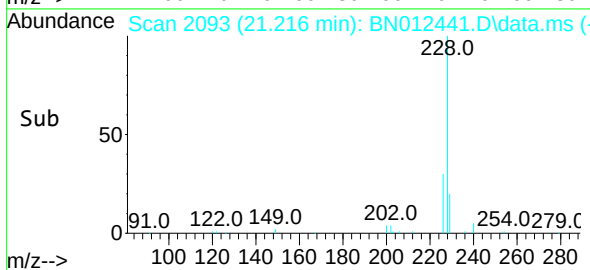
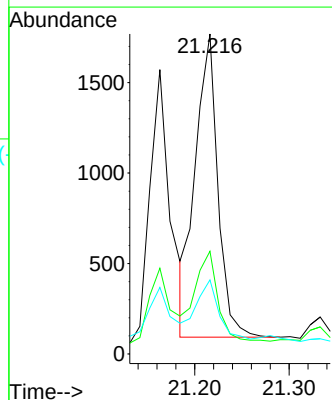
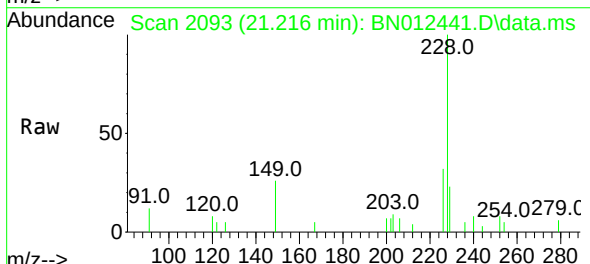
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC2-SO-0002

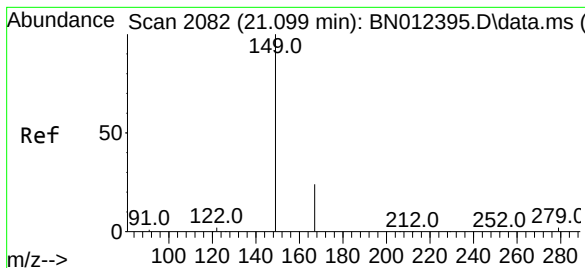
Tgt Ion:228	Resp:	2325
Ion Ratio	Lower	Upper
228	100	
226	30.2	22.3 33.5
229	23.4	15.7 23.5



#33
Chrysene
Concen: 0.21 ng
RT: 21.216 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:228	Resp:	2778
Ion Ratio	Lower	Upper
228	100	
226	32.1	24.2 36.2
229	23.2	15.7 23.5

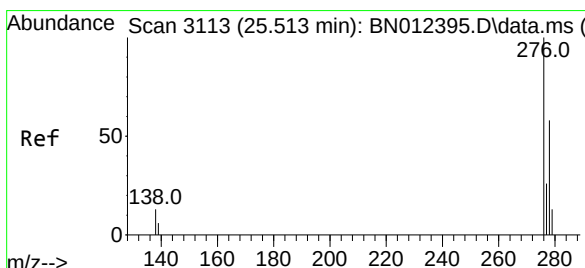
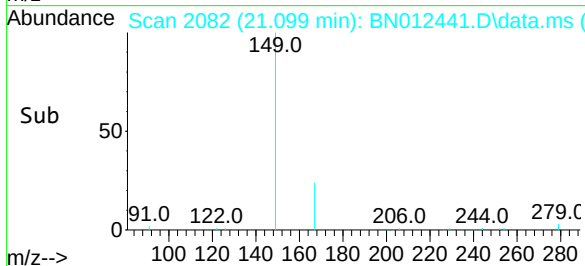
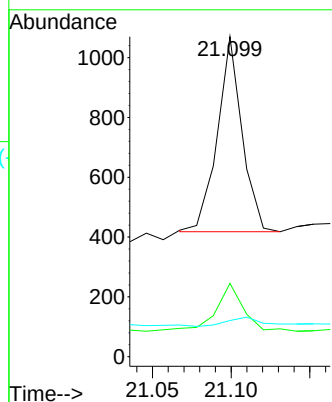
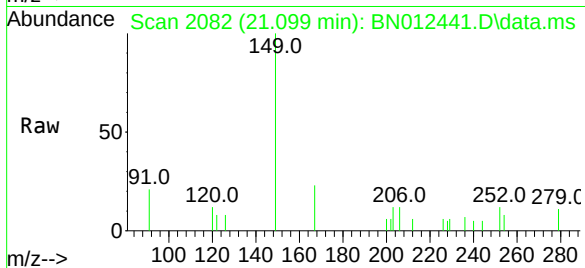




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.09 ng
 RT: 21.099 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: BN012441.D
 Acq: 29 Oct 2020 16:56

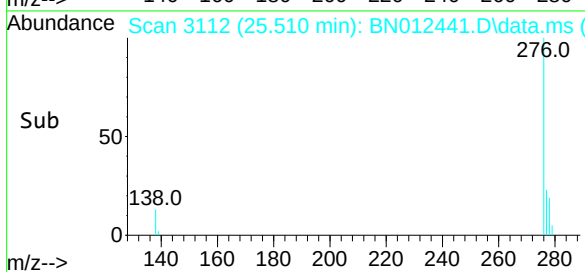
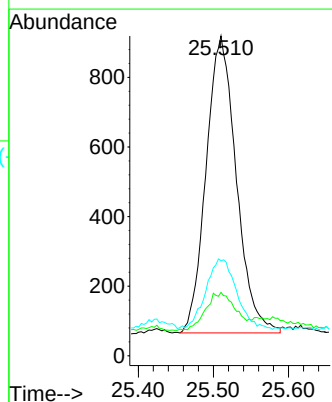
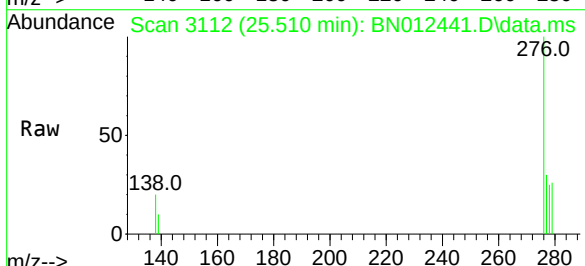
Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-LOC2-SO-0002

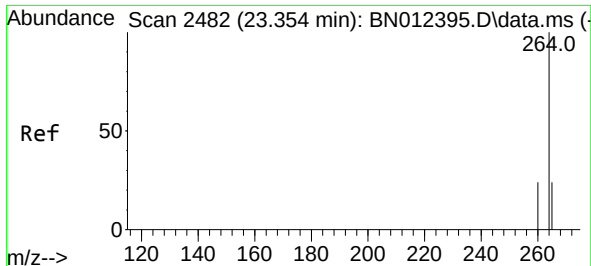
Tgt Ion:149 Resp: 710
 Ion Ratio Lower Upper
 149 100
 167 23.5 23.2 34.8
 279 6.8 3.9 5.9#



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.12 ng
 RT: 25.510 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BN012441.D
 Acq: 29 Oct 2020 16:56

Tgt Ion:276 Resp: 2378
 Ion Ratio Lower Upper
 276 100
 138 5.9 13.3 19.9#
 277 24.3 20.2 30.4

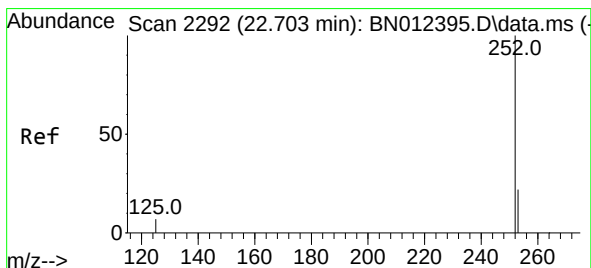
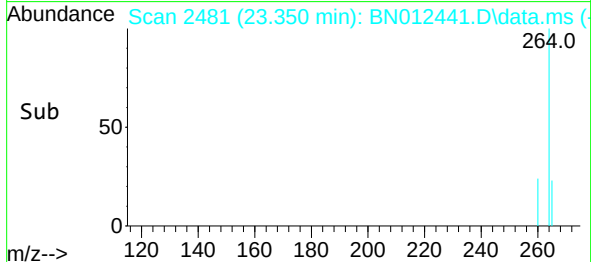
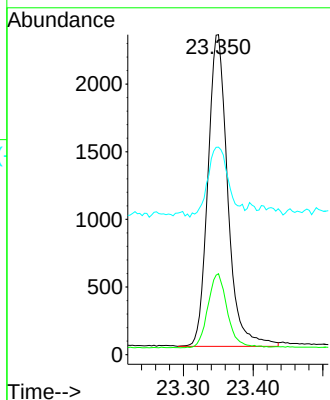
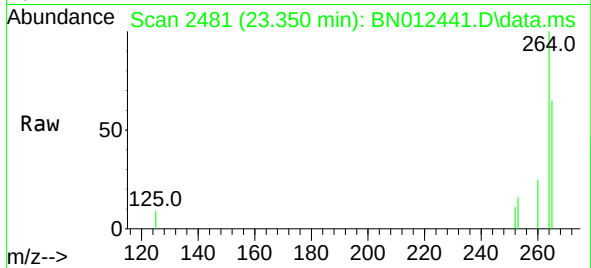




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.350 min Scan# 2481
 Delta R.T. -0.003 min
 Lab File: BN012441.D
 Acq: 29 Oct 2020 16:56

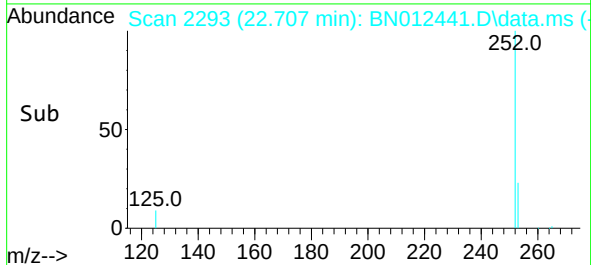
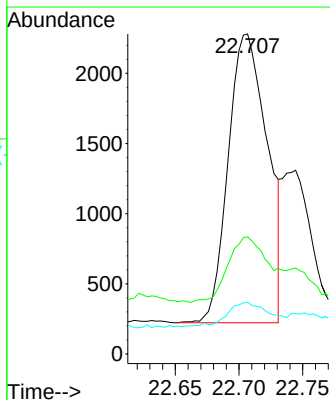
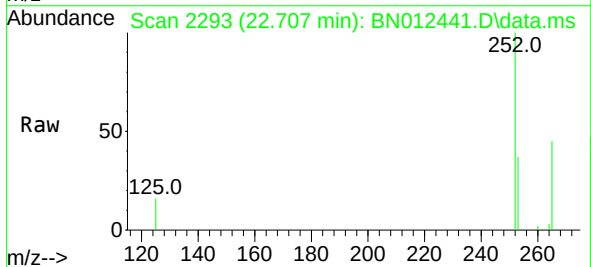
Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-LOC2-SO-0002

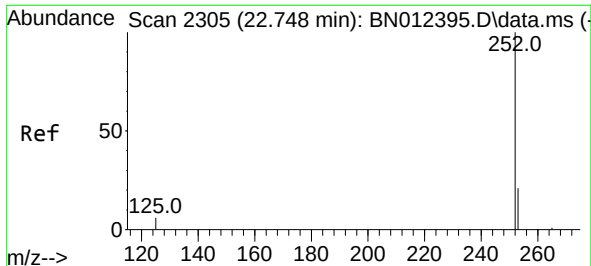
Tgt Ion:264 Resp: 4542
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.8 29.6
 265 64.9 51.4 77.0



#37
 Benzo(b)fluoranthene
 Concen: 0.31 ng
 RT: 22.707 min Scan# 2293
 Delta R.T. 0.003 min
 Lab File: BN012441.D
 Acq: 29 Oct 2020 16:56

Tgt Ion:252 Resp: 4385
 Ion Ratio Lower Upper
 252 100
 253 36.6 20.1 30.1#
 125 16.2 7.2 10.8#

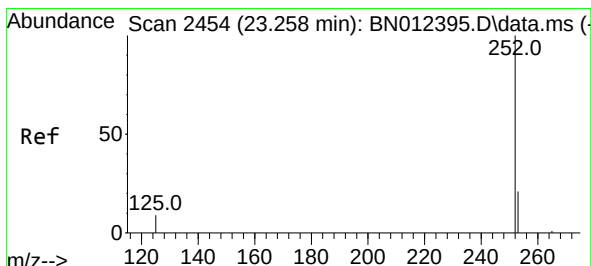
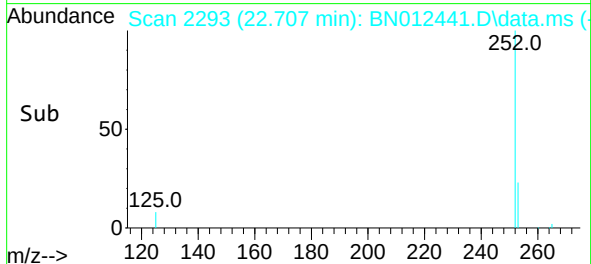
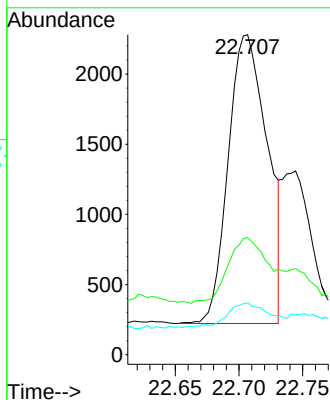
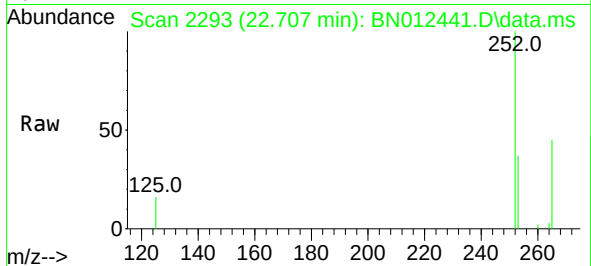




#38
Benzo(k)fluoranthene
Concen: 0.28 ng
RT: 22.707 min Scan# 2293
Delta R.T. -0.041 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

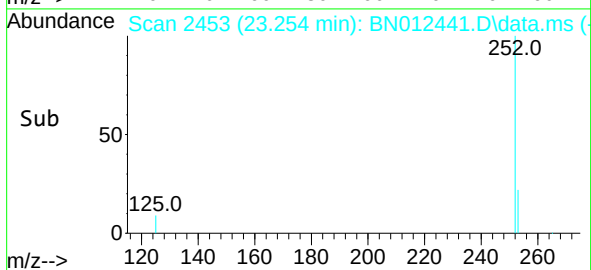
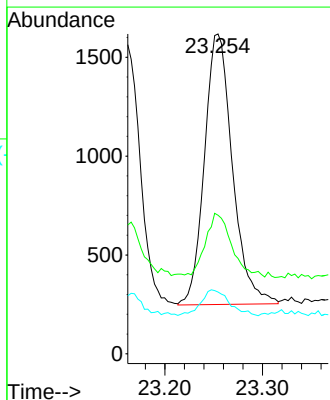
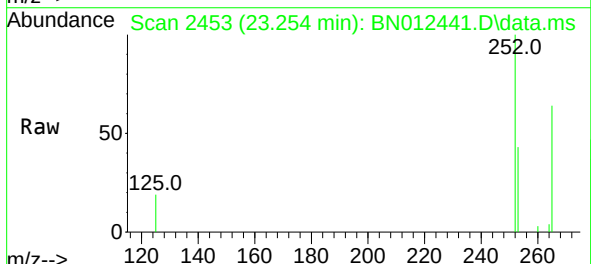
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC2-SO-0002

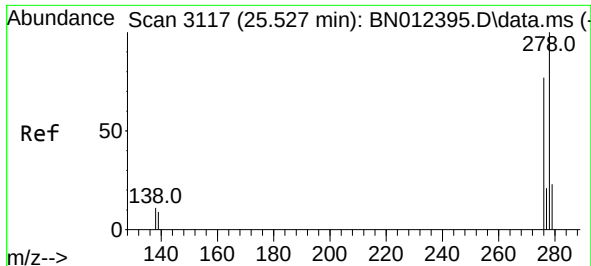
Tgt Ion:252 Resp: 4385
Ion Ratio Lower Upper
252 100
253 36.6 19.8 29.8#
125 16.2 7.1 10.7#



#39
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.254 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:252 Resp: 2732
Ion Ratio Lower Upper
252 100
253 43.3 21.3 31.9#
125 19.3 8.3 12.5#

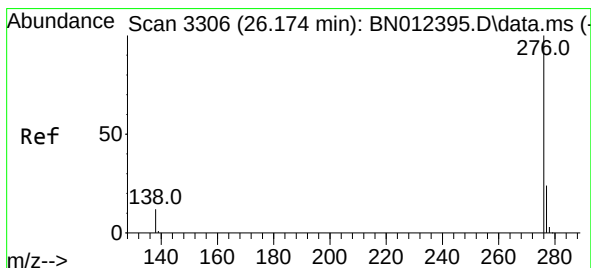
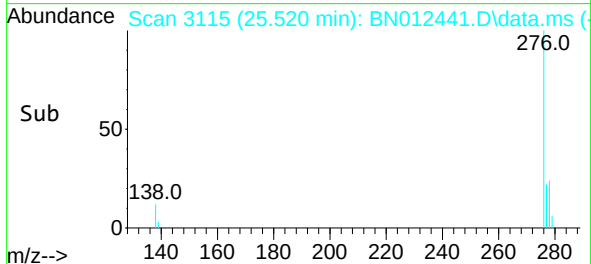
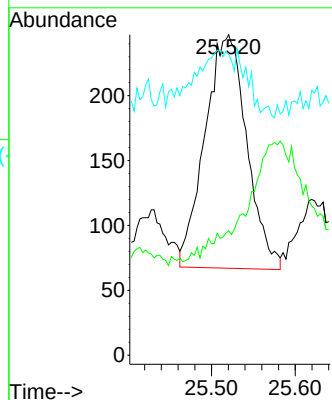
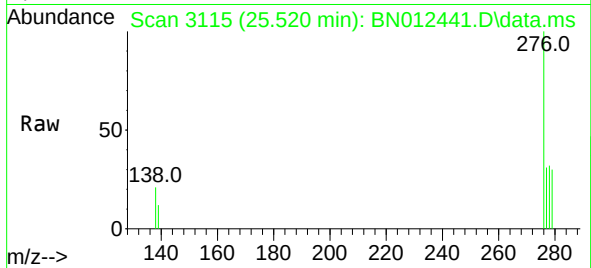




#40
Dibenzo(a,h)anthracene
Concen: 0.04 ng
RT: 25.520 min Scan# 3115
Delta R.T. -0.007 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Instrument :
BNA_N
ClientSampleId :
STOCKPILE-LOC2-SO-0002

Tgt Ion:278 Resp: 625
Ion Ratio Lower Upper
278 100
139 38.9 9.3 13.9#
279 93.9 21.6 32.4#



#41
Benzo(g,h,i)perylene
Concen: 0.16 ng
RT: 26.167 min Scan# 3304
Delta R.T. -0.003 min
Lab File: BN012441.D
Acq: 29 Oct 2020 16:56

Tgt Ion:276 Resp: 2592
Ion Ratio Lower Upper
276 100
277 30.1 19.8 29.8#
138 19.7 11.7 17.5#

